

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063434.D
 Acq On : 17 Sep 2020 21:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 18 04:55:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	265219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	432908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207167	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	207102	45.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.74%	
35) Dibromofluoromethane	7.55	113	146482	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
50) Toluene-d8	10.06	98	566246	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
62) 4-Bromofluorobenzene	12.38	95	216800	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	141947	47.242	ug/l	100
3) Chloromethane	2.04	50	179559	45.173	ug/l	99
4) Vinyl Chloride	2.16	62	173476	49.260	ug/l	98
5) Bromomethane	2.53	94	108451	51.866	ug/l	100
6) Chloroethane	2.67	64	100991	46.717	ug/l	98
7) Trichlorofluoromethane	2.99	101	261500	49.769	ug/l	97
8) Diethyl Ether	3.37	74	99803	48.725	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	143691	48.628	ug/l	98
10) Methyl Iodide	3.91	142	185157	48.129	ug/l	100
11) Tert butyl alcohol	4.73	59	135448	216.561	ug/l	98
12) 1,1-Dichloroethene	3.70	96	140731	47.021	ug/l	98
13) Acrolein	3.57	56	66599	287.334	ug/l	99
14) Allyl chloride	4.28	41	272522	46.033	ug/l	98
15) Acrylonitrile	4.93	53	388173	243.990	ug/l	100
16) Acetone	3.77	43	343902	237.017	ug/l	100
17) Carbon Disulfide	4.01	76	395051	45.378	ug/l	98
18) Methyl Acetate	4.28	43	183147	49.722	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	518192	46.454	ug/l	96
20) Methylene Chloride	4.51	84	168445	45.821	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	153544	46.304	ug/l	99
22) Diisopropyl ether	5.90	45	571521	47.335	ug/l	99
23) Vinyl Acetate	5.84	43	2386905	240.712	ug/l	100
24) 1,1-Dichloroethane	5.80	63	310117	47.045	ug/l	99
25) 2-Butanone	6.78	43	529030	237.069	ug/l	98
26) 2,2-Dichloropropane	6.78	77	235720	40.615	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	178958	47.681	ug/l	100
28) Bromochloromethane	7.15	49	154725	50.835	ug/l	100
29) Tetrahydrofuran	7.17	42	354199	232.400	ug/l	99
30) Chloroform	7.33	83	319013	48.236	ug/l	99
31) Cyclohexane	7.61	56	270360	43.359	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	281425	47.843	ug/l	99
36) 1,1-Dichloropropene	7.75	75	238282	48.199	ug/l	100
37) Ethyl Acetate	6.88	43	236190	48.678	ug/l	99
38) Carbon Tetrachloride	7.73	117	244855	48.519	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	246638	45.967	ug/l	99
40) Benzene	8.00	78	682706	48.376	ug/l	99
41) Methacrylonitrile	7.13	41	103518	47.436	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	276510	48.722	ug/l	99
43) Isopropyl Acetate	8.13	43	401549	46.283	ug/l #	89
44) Trichloroethene	8.80	130	167652	48.979	ug/l	95
45) 1,2-Dichloropropane	9.08	63	185609	48.290	ug/l	96
46) Dibromomethane	9.17	93	121302	48.017	ug/l	99
47) Bromodichloromethane	9.37	83	259390	49.424	ug/l	99
48) Methyl methacrylate	9.16	41	201678	47.314	ug/l	98
49) 1,4-Dioxane	9.16	88	53808	879.644	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1193750	245.774	ug/l	100
52) Toluene	10.13	92	422450	49.788	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	280097	47.806	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	293069	47.421	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	170228	50.509	ug/l	99
56) Ethyl methacrylate	10.40	69	261246	49.654	ug/l	99
57) 1,3-Dichloropropane	10.68	76	294738	48.495	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	675007	244.568	ug/l	99
59) 2-Hexanone	10.72	43	876674	249.138	ug/l	100
60) Dibromochloromethane	10.87	129	185164	48.632	ug/l	100
61) 1,2-Dibromoethane	10.98	107	174477	49.830	ug/l	99
64) Tetrachloroethene	10.60	164	149589	50.746	ug/l	97
65) Chlorobenzene	11.41	112	440358	47.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	168063	49.892	ug/l	98
67) Ethyl Benzene	11.49	91	833400	48.158	ug/l	100
68) m/p-Xylenes	11.59	106	612142	98.108	ug/l	99
69) o-Xylene	11.92	106	300330	50.529	ug/l	97
70) Styrene	11.94	104	512315	51.398	ug/l	99
71) Bromoform	12.10	173	122726	48.906	ug/l #	98
73) Isopropylbenzene	12.23	105	810315	48.811	ug/l	100
74) N-amyl acetate	12.05	43	367912	46.817	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	243244	47.321	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	336097	65.546	ug/l #	100
77) Bromobenzene	12.50	156	184919	49.519	ug/l	97
78) n-propylbenzene	12.57	91	942327	48.735	ug/l	100
79) 2-Chlorotoluene	12.65	91	563878	48.649	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	687498	49.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	82776	44.258	ug/l	98
82) 4-Chlorotoluene	12.75	91	590245	48.197	ug/l	100
83) tert-Butylbenzene	12.97	119	558681	48.898	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	696494	49.811	ug/l	100
85) sec-Butylbenzene	13.15	105	748129	48.918	ug/l	100
86) p-Isopropyltoluene	13.26	119	670164	49.681	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	338755	48.943	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	337280	47.929	ug/l	99
89) n-Butylbenzene	13.59	91	612415	49.255	ug/l	100
90) Hexachloroethane	13.85	117	119892	46.677	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	331985	48.855	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55827	45.609	ug/l	98

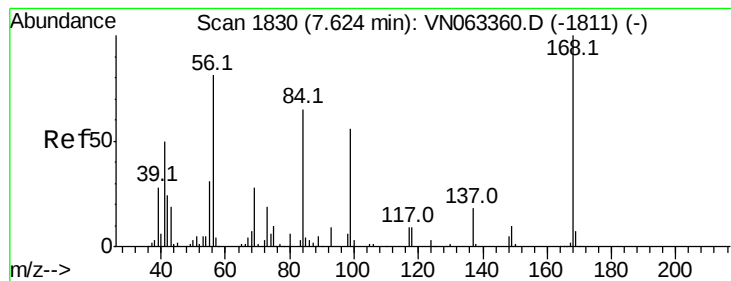
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	188273	46.997	ug/l	99
94) Hexachlorobutadiene	14.98	225	84203	50.771	ug/l	99
95) Naphthalene	15.10	128	615596	46.512	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	180135	46.537	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

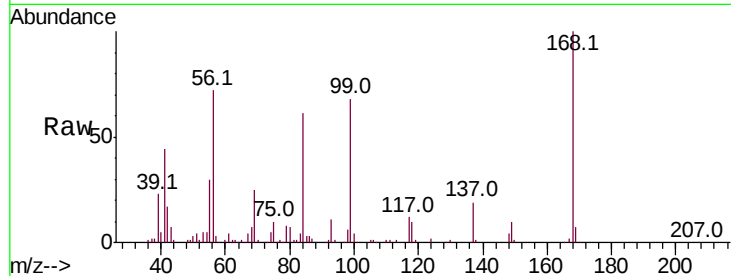
VSTDCCC050

Tot Ion:168 Resp: 265219

Ion Ratio Lower Upper

168 100

99 67.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

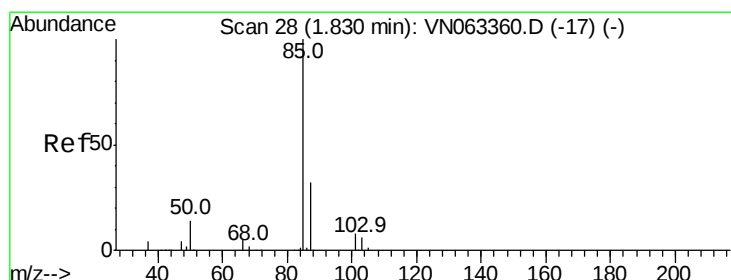
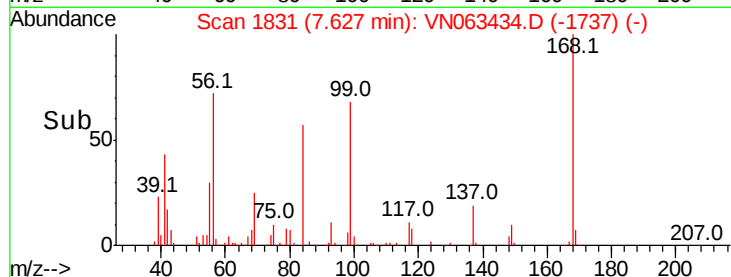
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.242 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063434.D

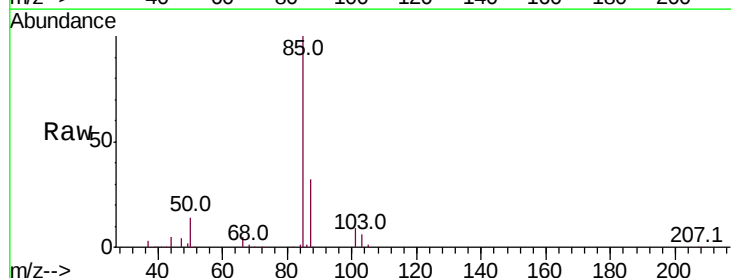
Acq: 17 Sep 2020 21:35

Tgt Ion: 85 Resp: 141947

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

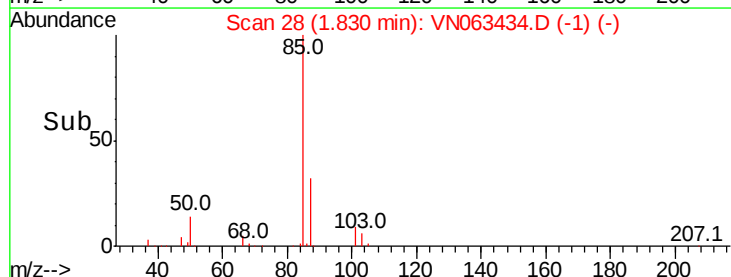
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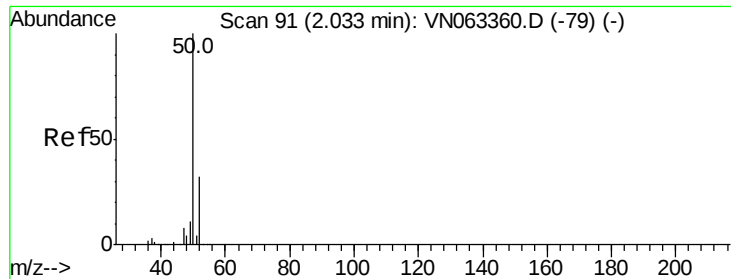
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 45.173 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

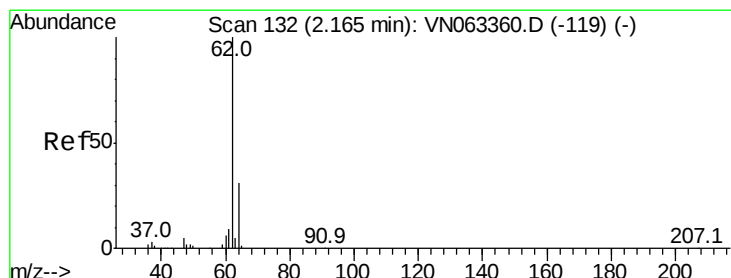
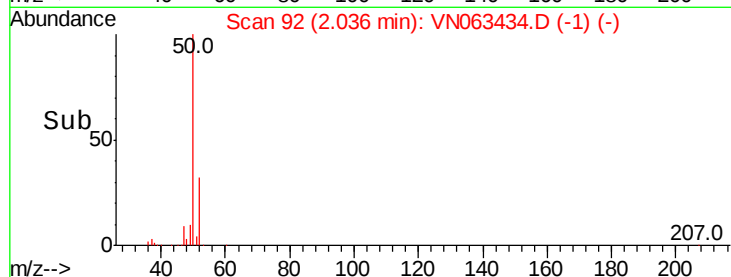
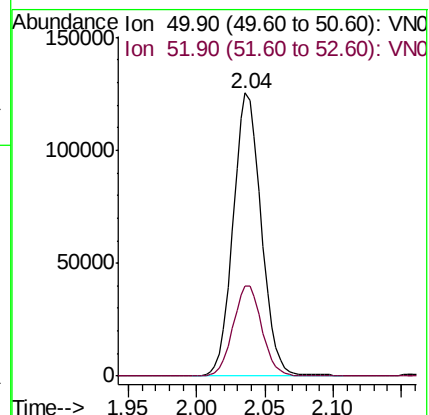
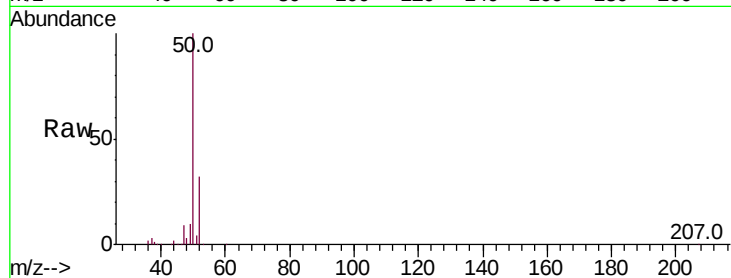
VSTDCCC050

Tot Ion: 50 Resp: 179559

Ion Ratio Lower Upper

50 100

52 32.0 25.9 38.9



#4

Vinyl Chloride

Concen: 49.260 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063434.D

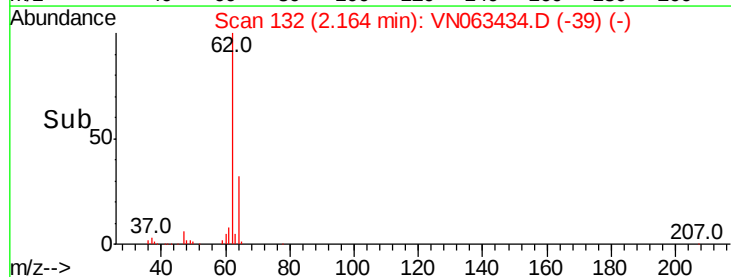
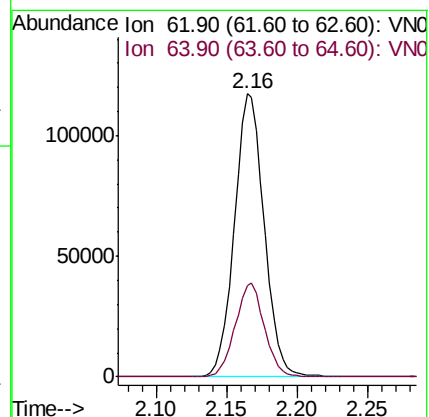
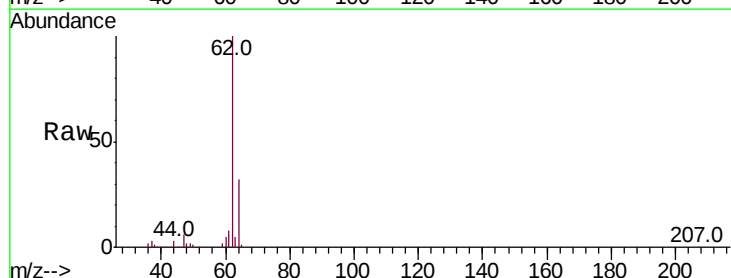
Acq: 17 Sep 2020 21:35

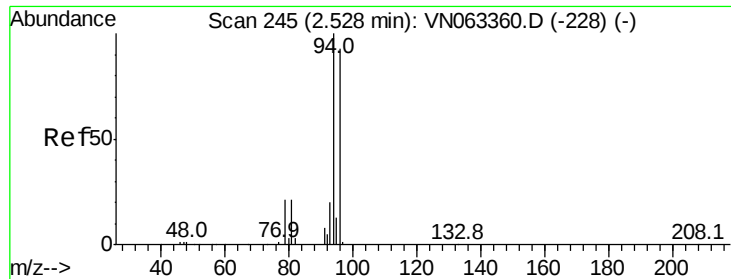
Tgt Ion: 62 Resp: 173476

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7





#5

Bromomethane

Concen: 51.866 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

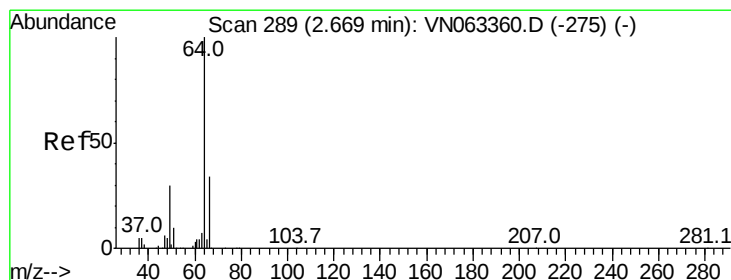
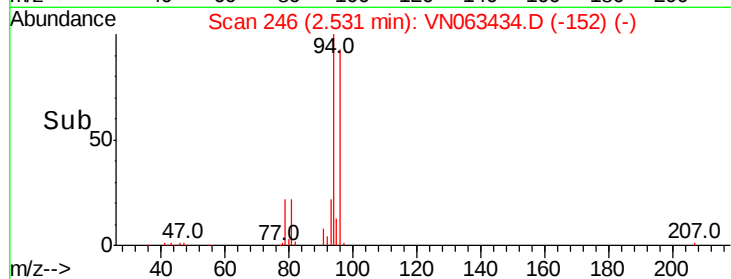
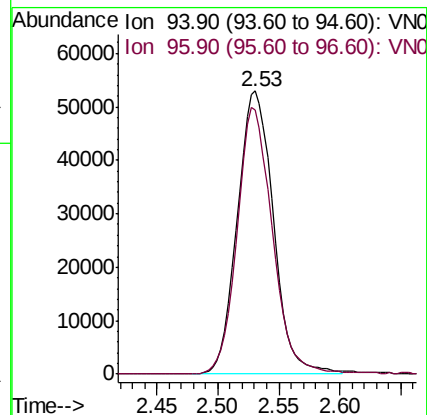
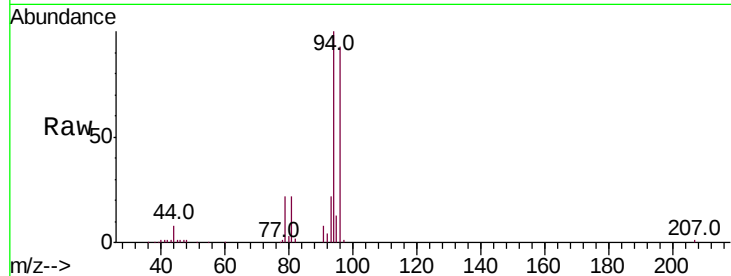
VSTDCCC050

Tot Ion: 94 Resp: 108451

Ion Ratio Lower Upper

94 100

96 93.4 74.5 111.7



#6

Chloroethane

Concen: 46.717 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063434.D

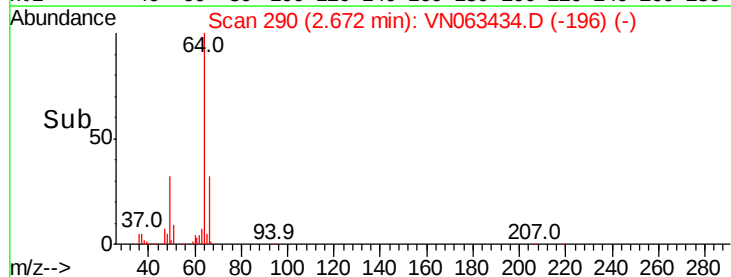
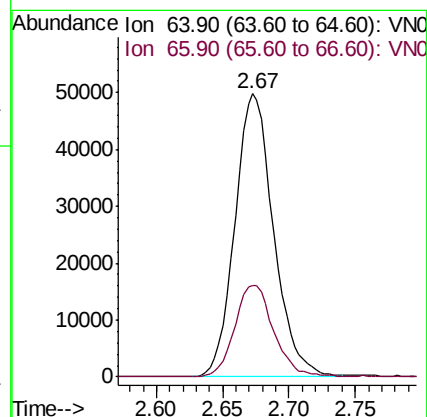
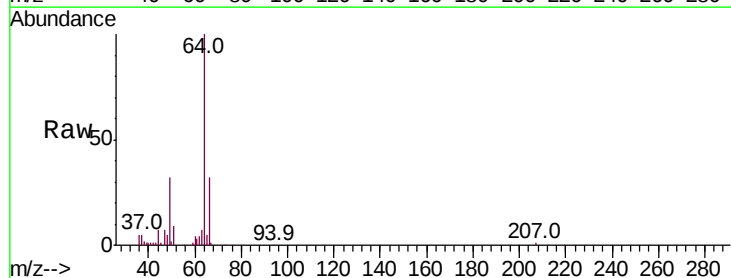
Acq: 17 Sep 2020 21:35

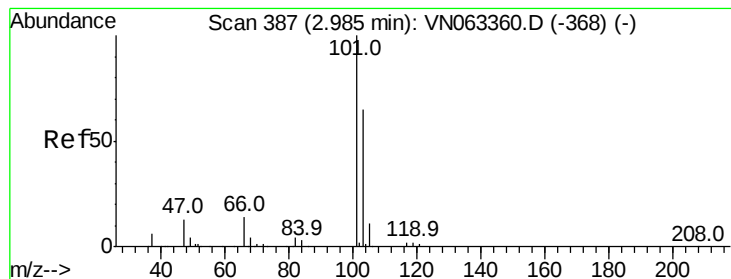
Tgt Ion: 64 Resp: 100991

Ion Ratio Lower Upper

64 100

66 32.4 26.9 40.3



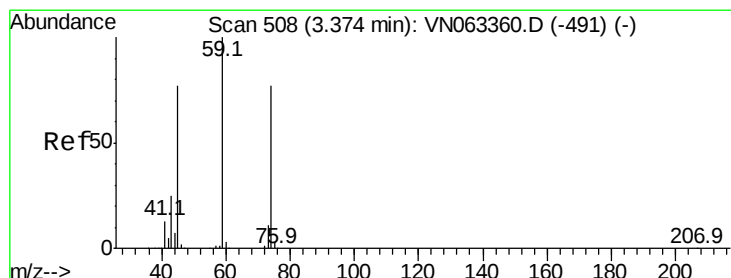
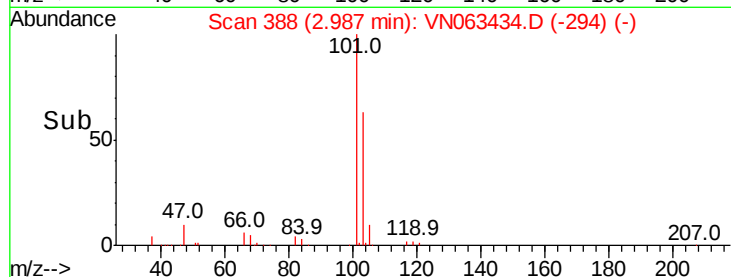
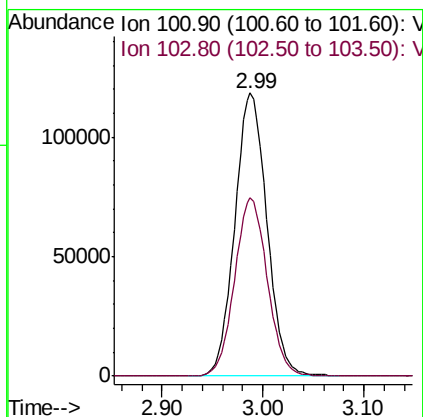
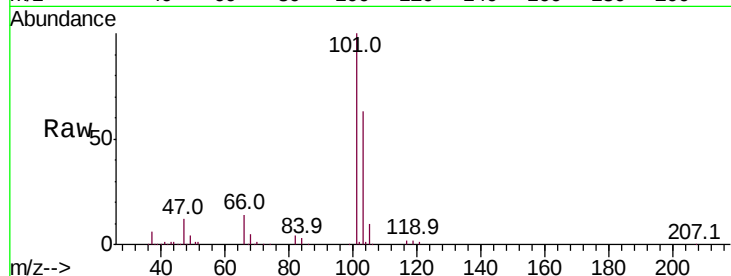


#7

Trichlorofluoromethane
 Concen: 49.769 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

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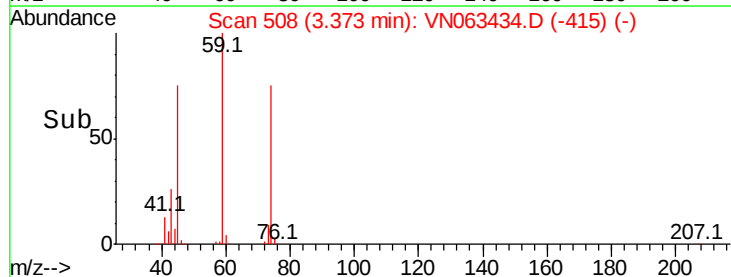
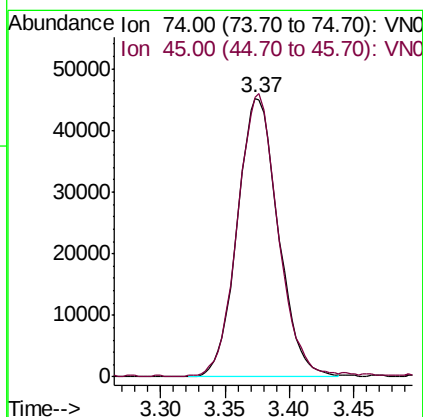
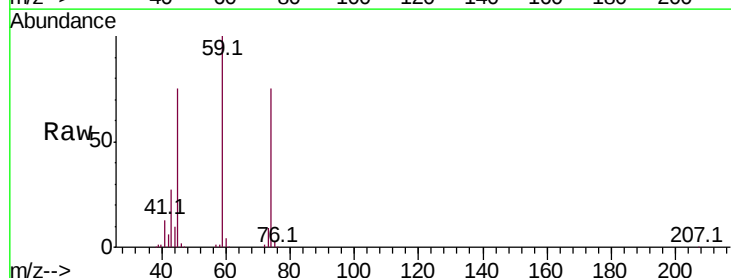
Tot Ion:101 Resp: 261500
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.3 78.5

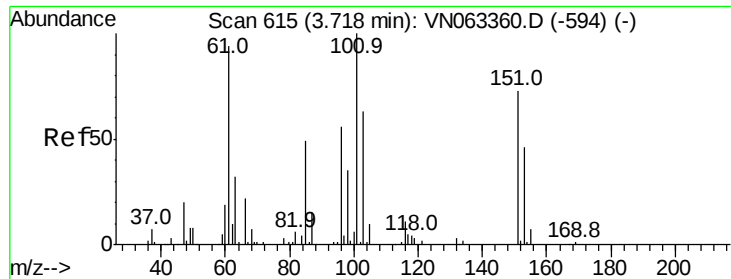


#8

Diethyl Ether
 Concen: 48.725 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion: 74 Resp: 99803
 Ion Ratio Lower Upper
 74 100
 45 101.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.628 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

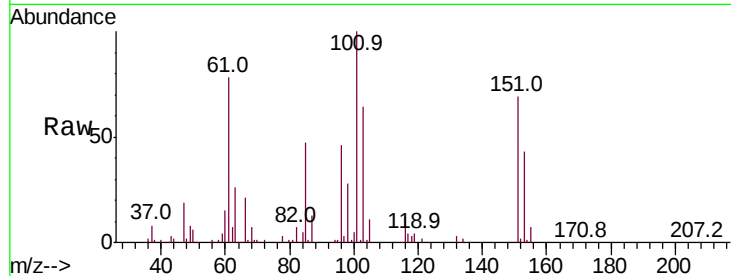
Tot Ion:101 Resp: 143691

Ion Ratio Lower Upper

101 100

85 46.6 37.7 56.5

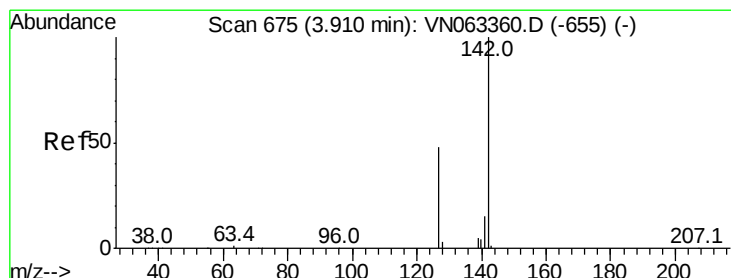
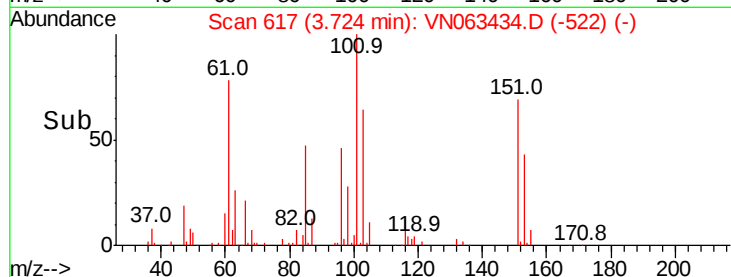
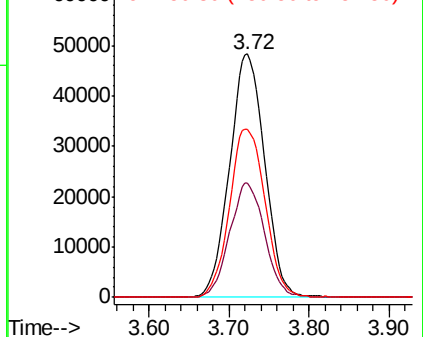
151 70.2 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.129 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

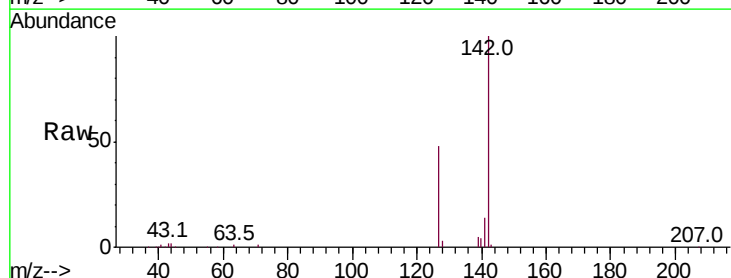
Tgt Ion:142 Resp: 185157

Ion Ratio Lower Upper

142 100

127 48.5 39.0 58.6

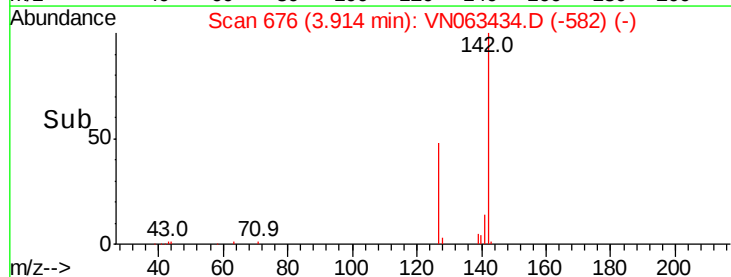
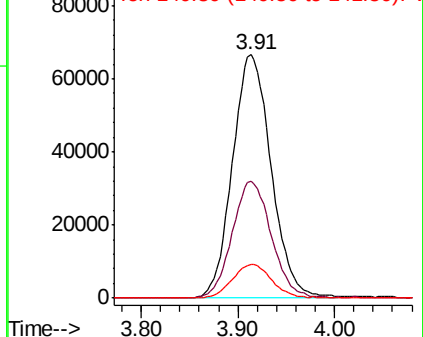
141 14.2 11.6 17.4

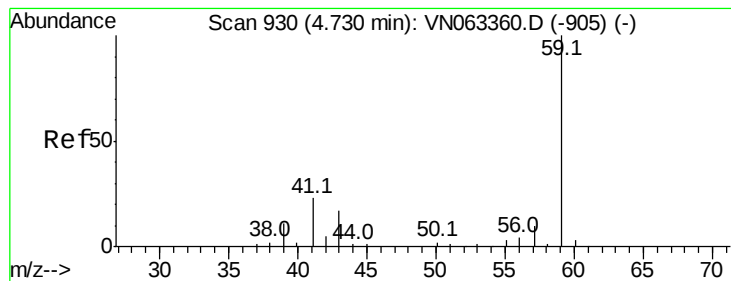


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



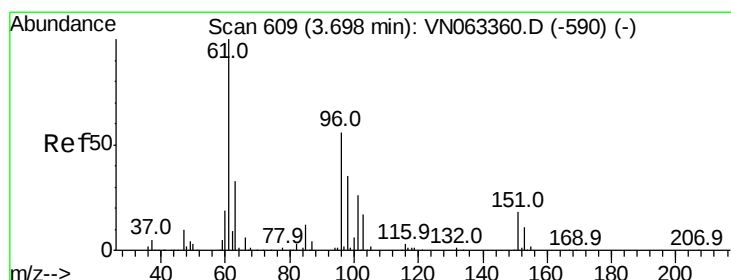
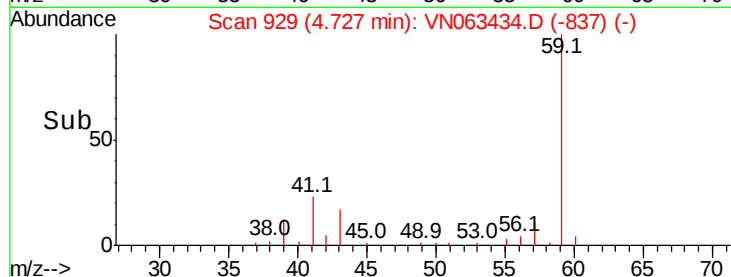
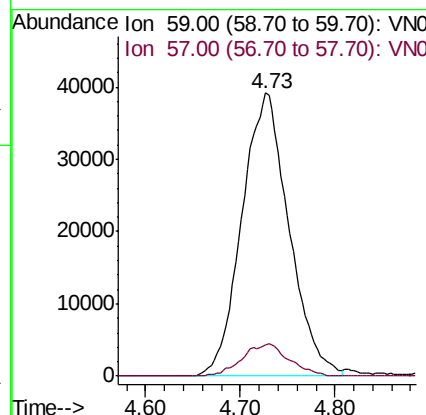
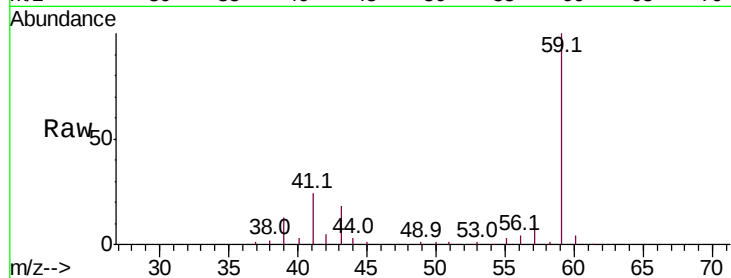


#11

Tert butyl alcohol
 Concen: 216.561 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

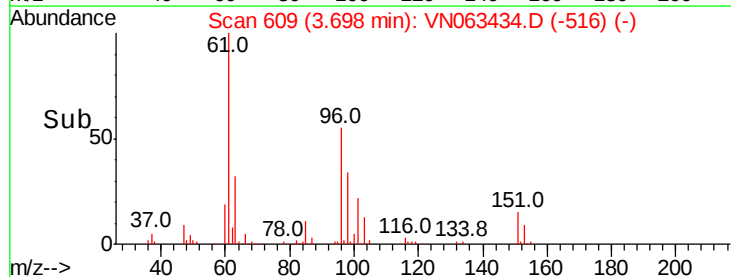
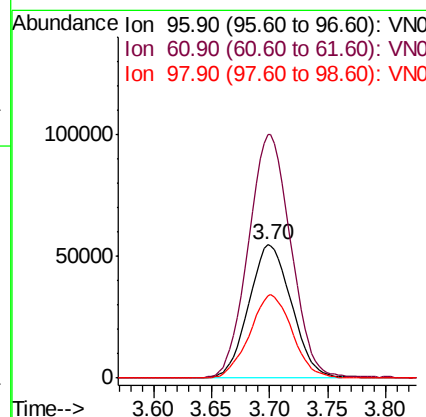
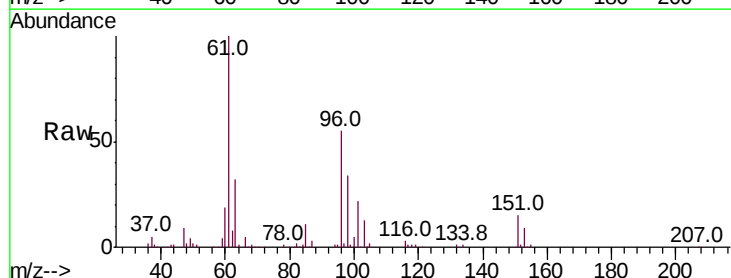
Tot Ion: 59 Resp: 135448
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.4 12.6

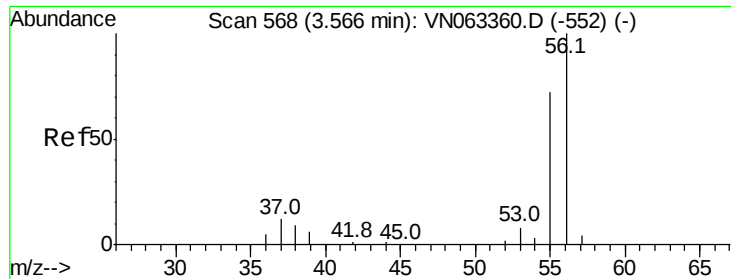


#12

1,1-Dichloroethene
 Concen: 47.021 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion: 96 Resp: 140731
 Ion Ratio Lower Upper
 96 100
 61 182.4 143.4 215.2
 98 61.5 50.6 76.0

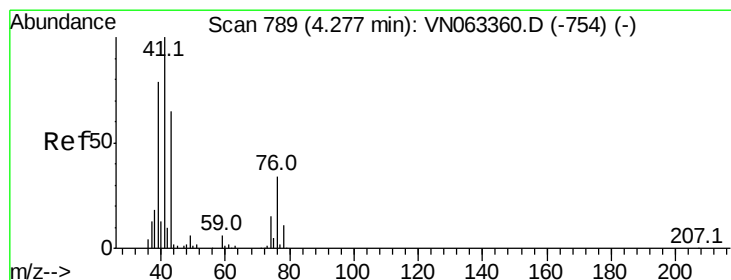
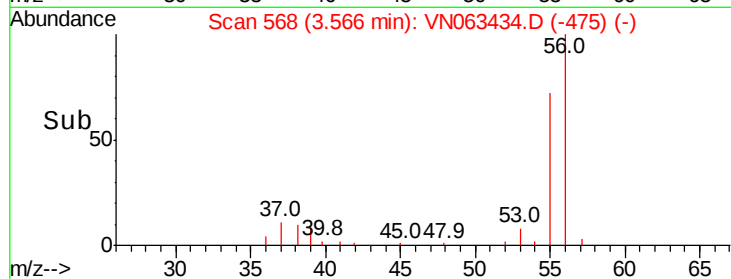
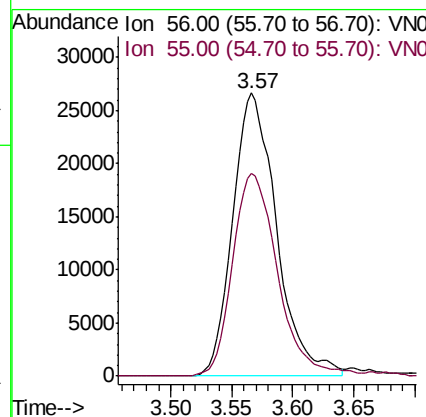
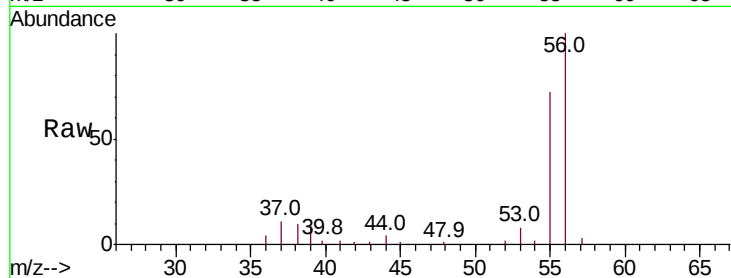




#13
 Acrolein
 Concen: 287.334 ug/l
 RT: 3.57 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

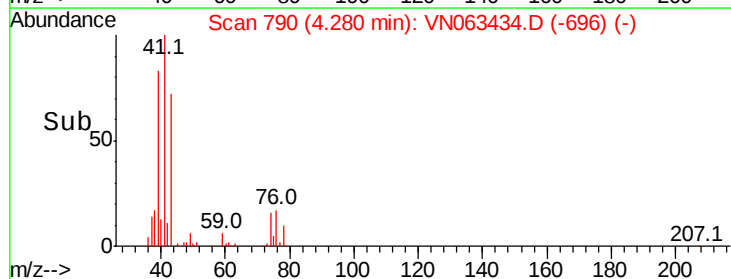
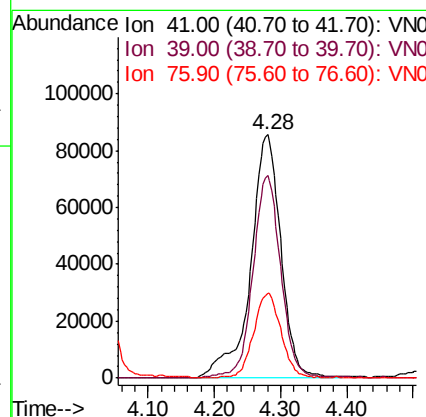
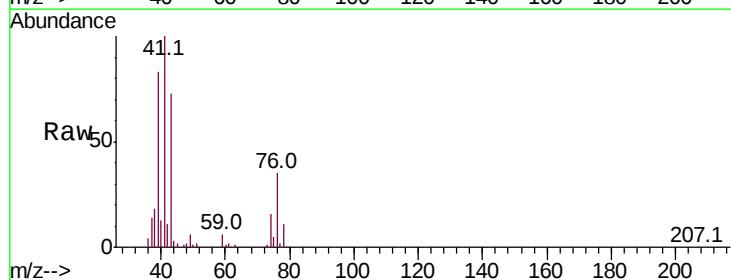
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

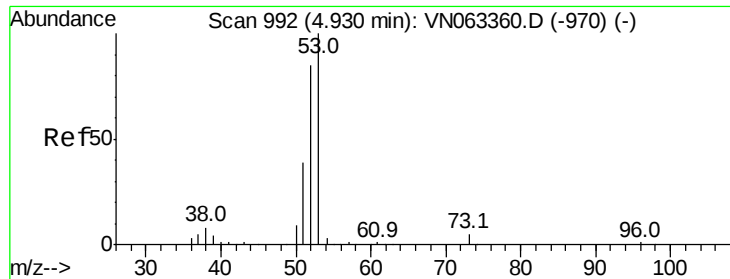
Tot Ion: 56 Resp: 66599
 Ion Ratio Lower Upper
 56 100
 55 73.6 58.2 87.2



#14
 Allyl chloride
 Concen: 46.033 ug/l
 RT: 4.28 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion: 41 Resp: 272522
 Ion Ratio Lower Upper
 41 100
 39 76.3 59.3 88.9
 76 30.9 25.3 37.9





#15

Acrylonitrile

Concen: 243.990 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

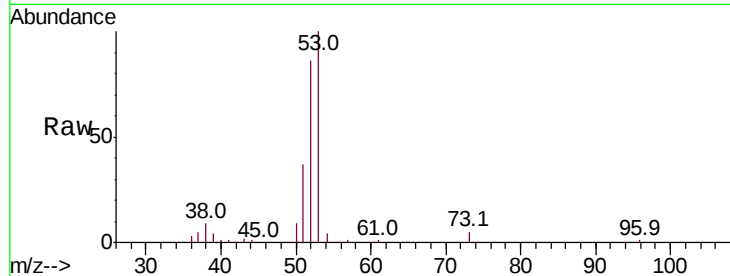
Tot Ion: 53 Resp: 388173

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

51 37.7 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)

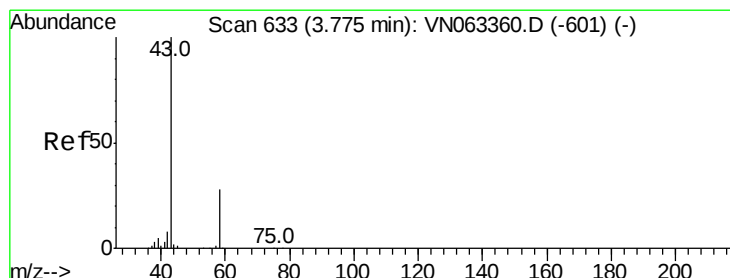
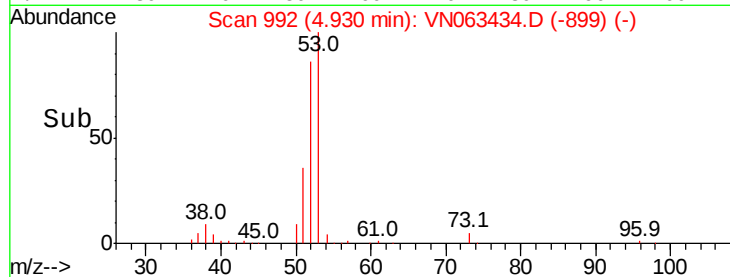
4.93

100000

50000

0

Time-->



#16

Acetone

Concen: 237.017 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063434.D

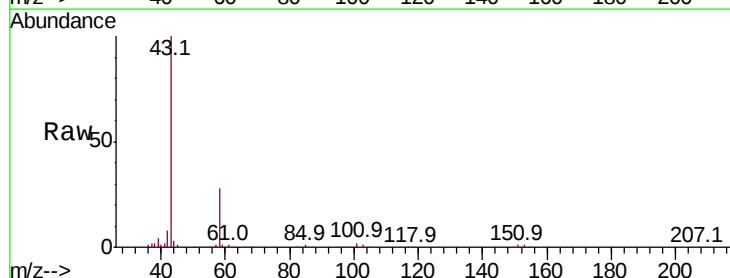
Acq: 17 Sep 2020 21:35

Tgt Ion: 43 Resp: 343902

Ion Ratio Lower Upper

43 100

58 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

3.77

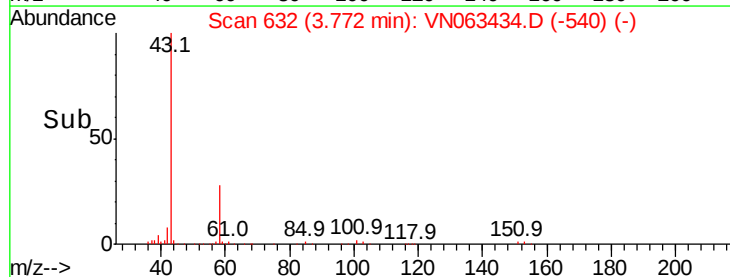
150000

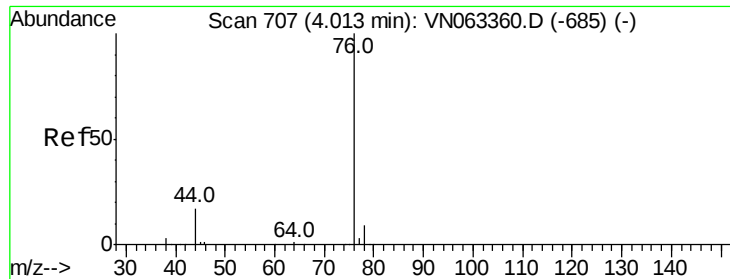
100000

50000

0

Time-->

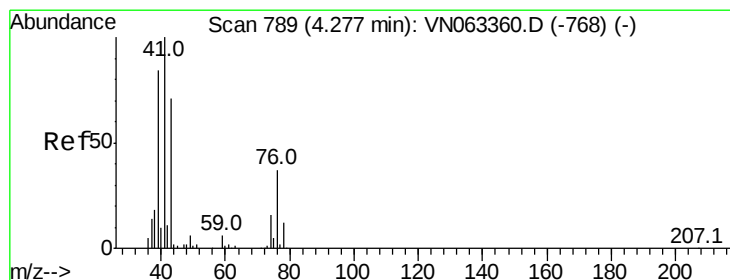
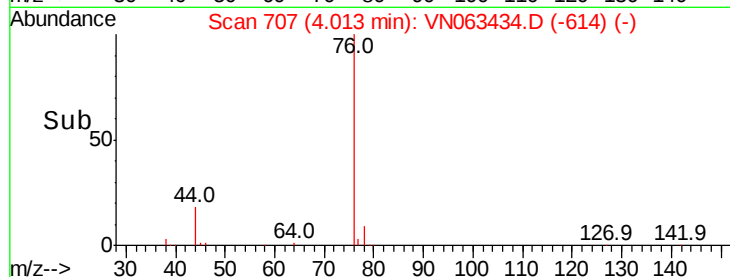
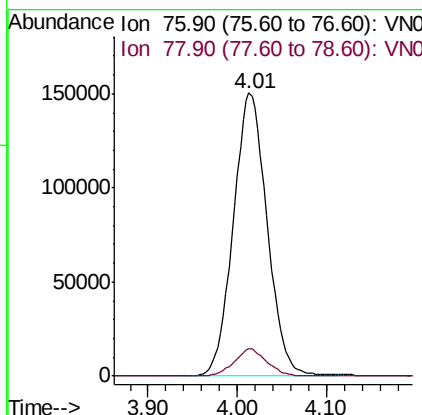
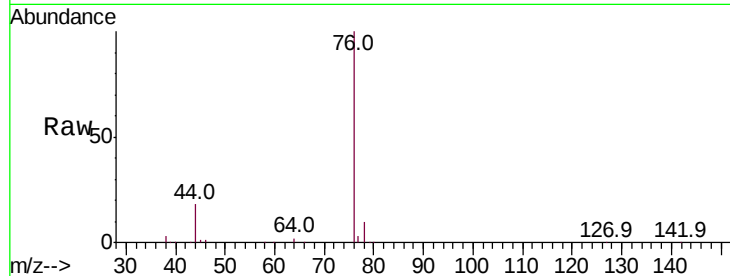




#17
Carbon Disulfide
Concen: 45.378 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

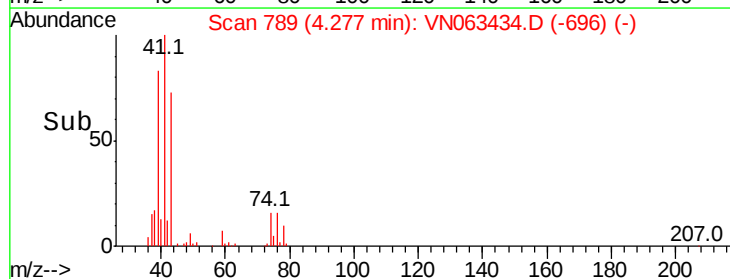
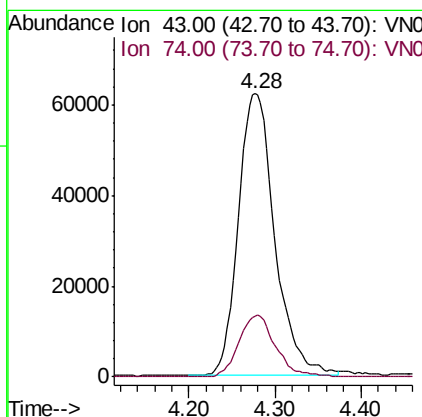
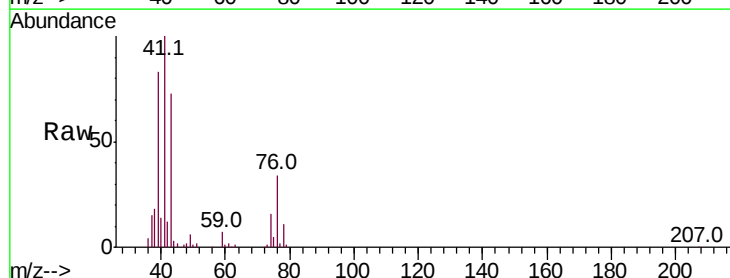
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

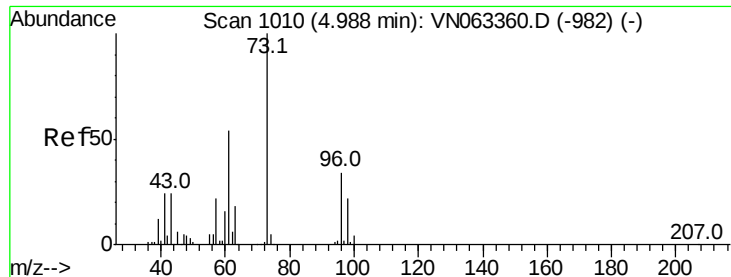
Tot Ion: 76 Resp: 395051
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 49.722 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 43 Resp: 183147
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2

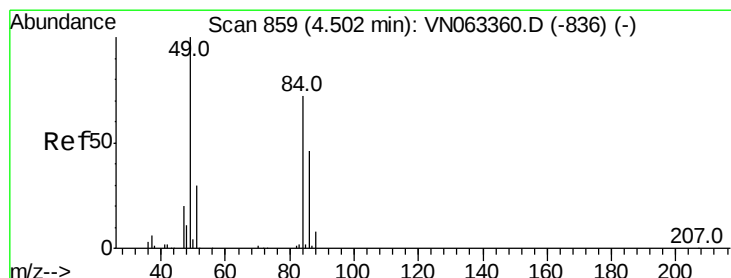
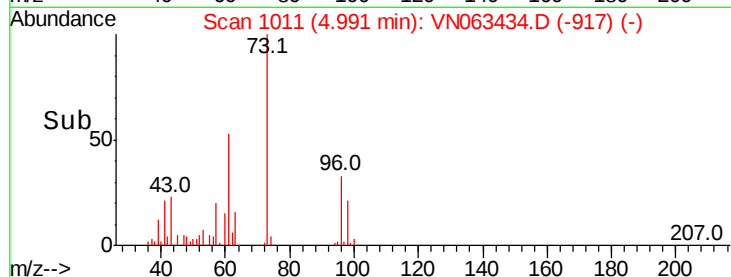
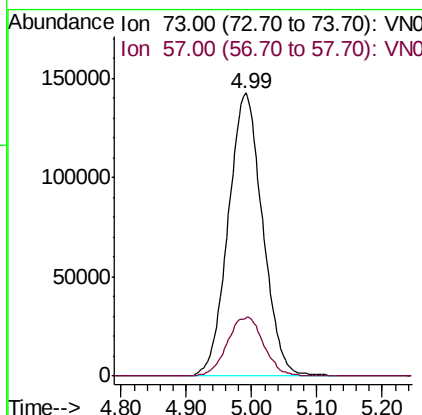
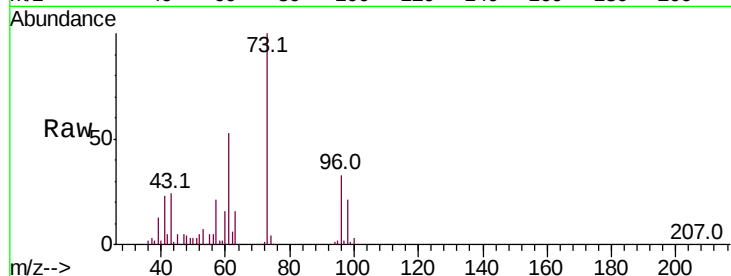




#19
Methvl tert-butvl Ether
Concen: 46.454 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

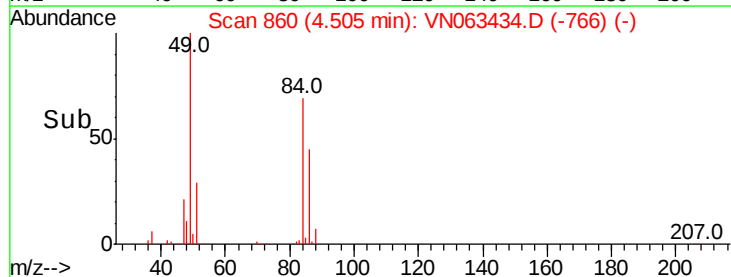
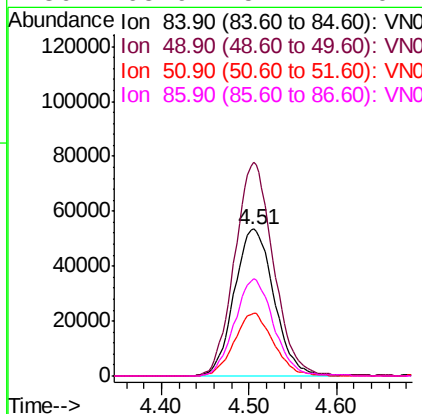
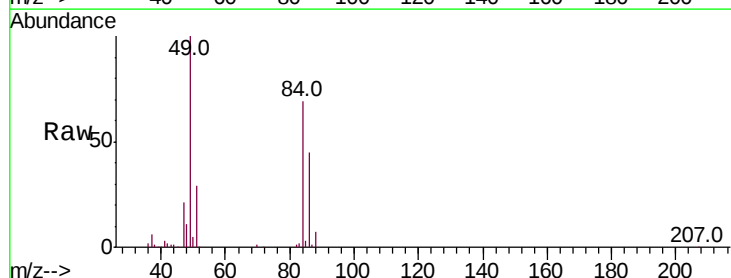
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

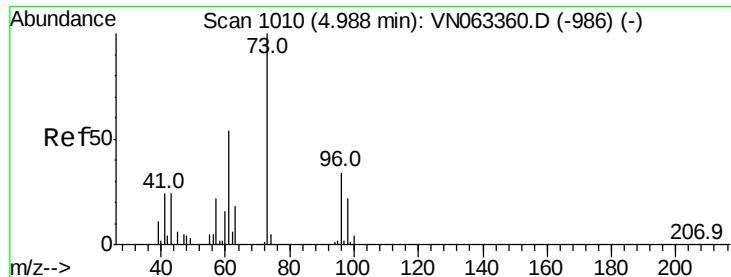
Tot Ion: 73 Resp: 518192
Ion Ratio Lower Upper
73 100
57 20.6 17.9 26.9



#20
Methylene Chloride
Concen: 45.821 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 84 Resp: 168445
Ion Ratio Lower Upper
84 100
49 145.6 110.7 166.1
51 42.7 32.9 49.3
86 65.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.304 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

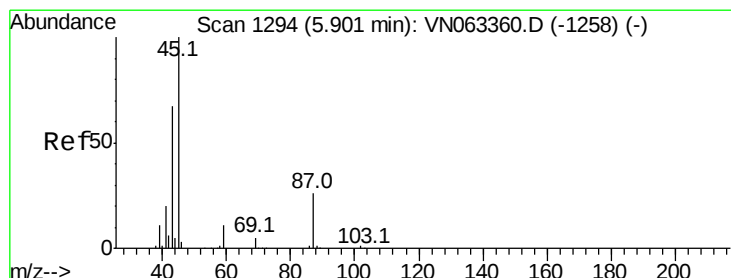
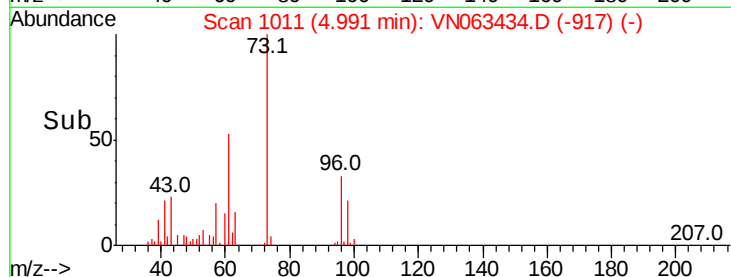
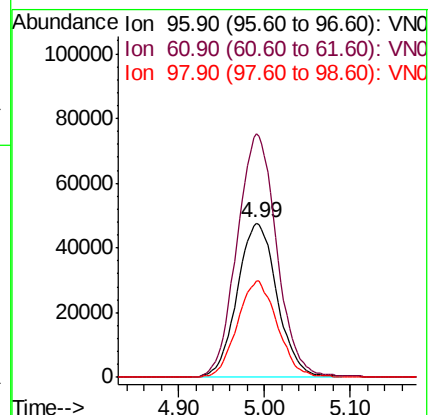
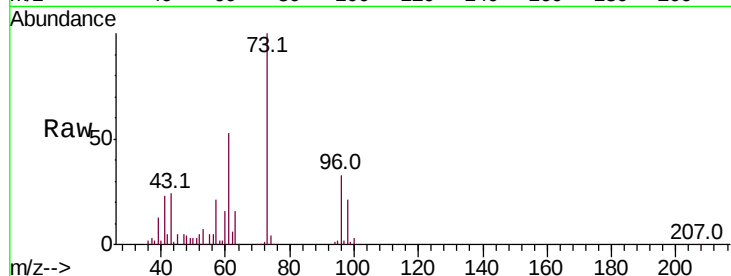
Tot Ion: 96 Resp: 153544

Ion Ratio Lower Upper

96 100

61 157.8 126.2 189.4

98 62.1 51.0 76.4



#22

Diisopropyl ether

Concen: 47.335 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Tgt Ion: 45 Resp: 571521

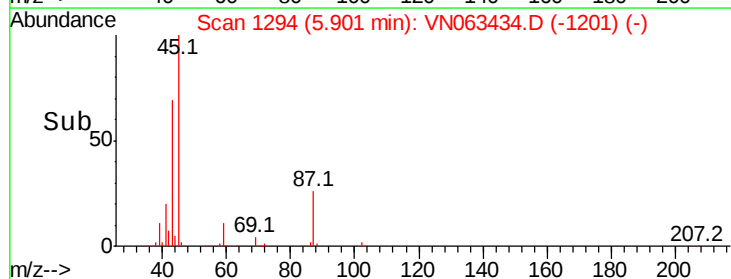
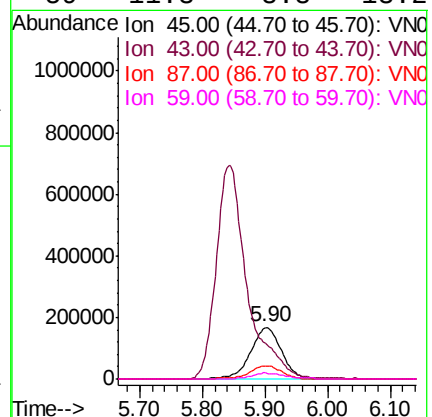
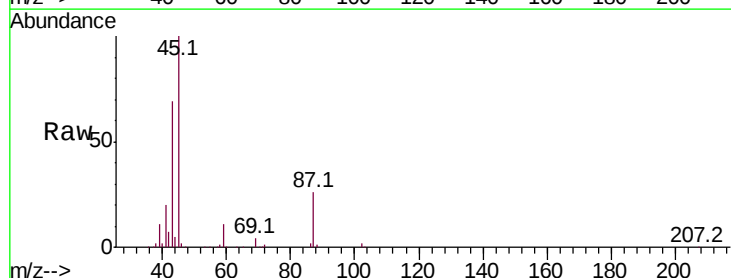
Ion Ratio Lower Upper

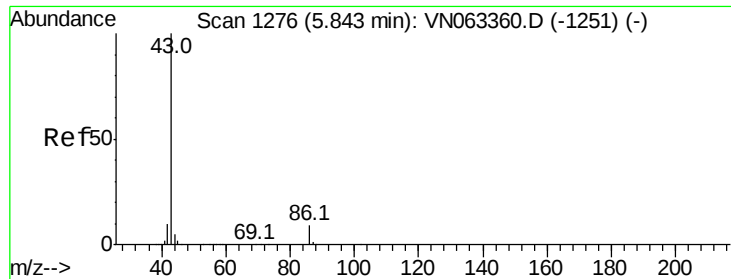
45 100

43 67.9 53.5 80.3

87 25.9 21.2 31.8

59 11.3 8.8 13.2





#23

Vinyl Acetate

Concen: 240.712 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

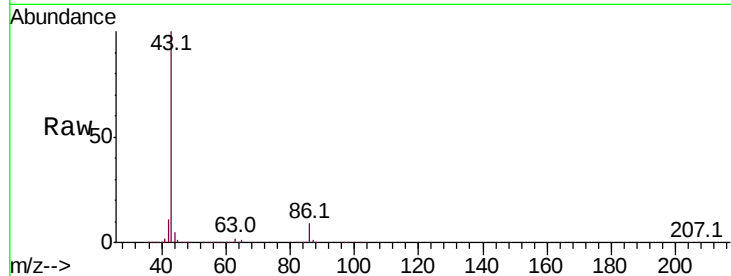
VSTDCCC050

Tot Ion: 43 Resp: 2386905

Ion Ratio Lower Upper

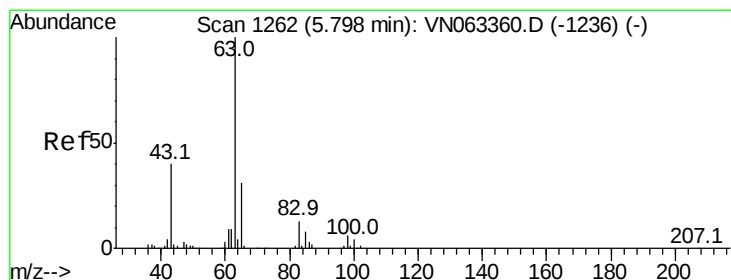
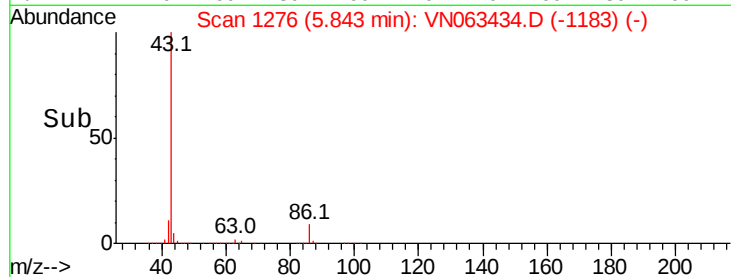
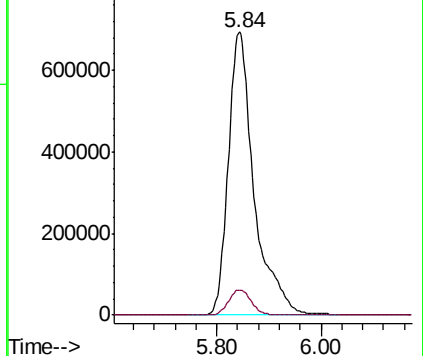
43 100

86 8.9 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.045 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

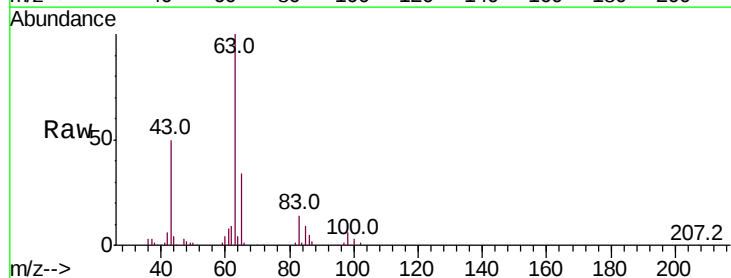
Tgt Ion: 63 Resp: 310117

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

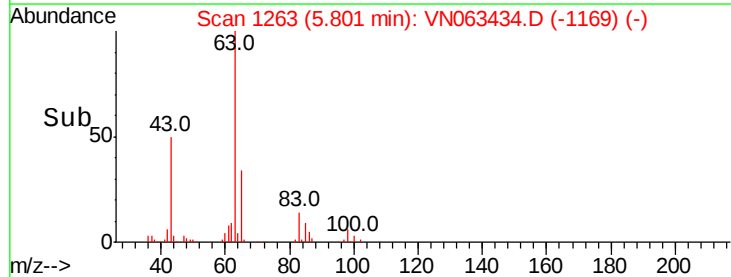
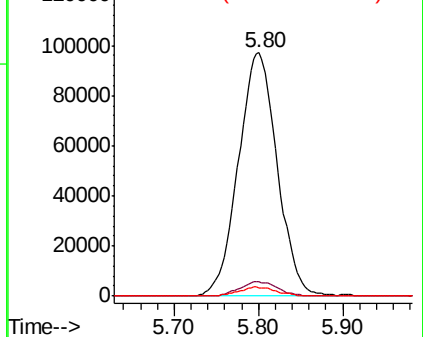
100 3.3 2.1 6.3

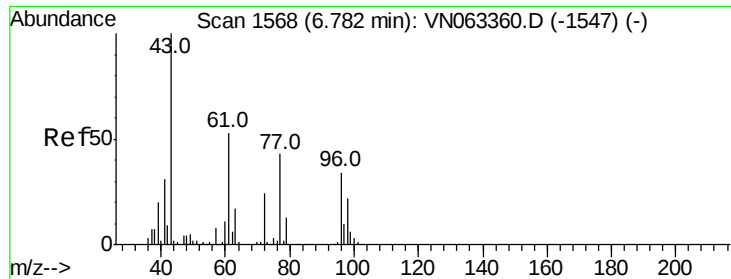


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 237.069 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

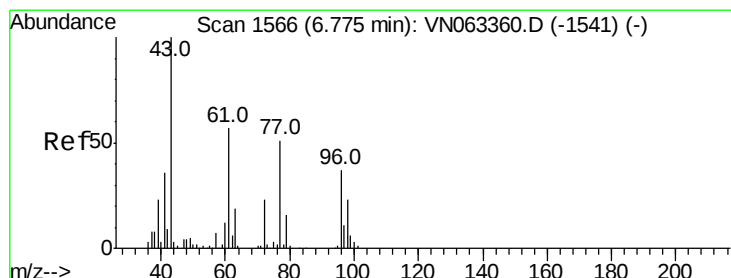
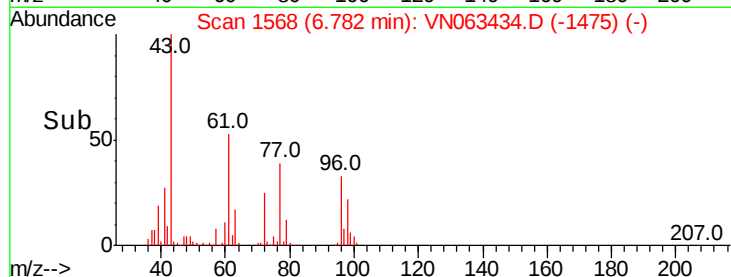
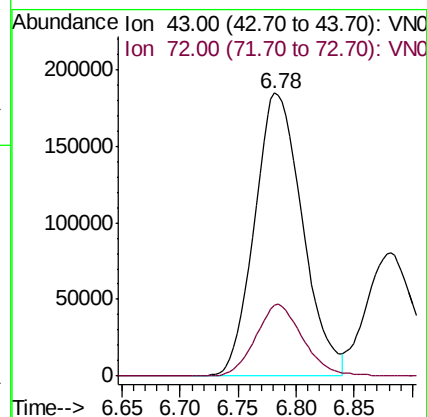
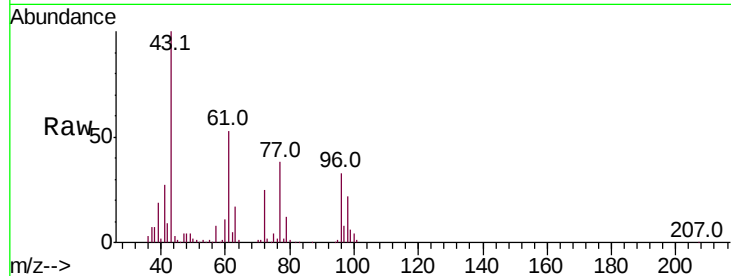
VSTDCCC050

Tot Ion: 43 Resp: 529030

Ion Ratio Lower Upper

43 100

72 24.9 19.2 28.8



#26

2,2-Dichloropropane

Concen: 40.615 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063434.D

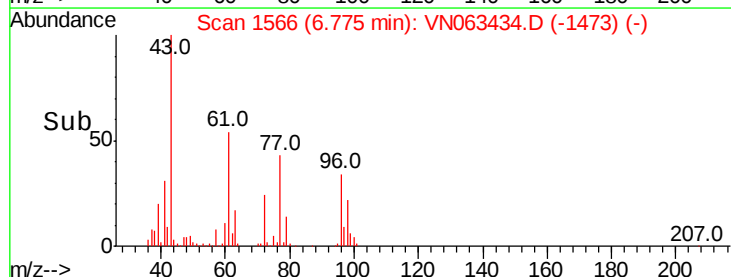
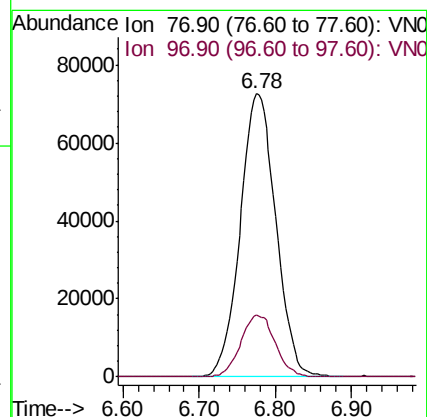
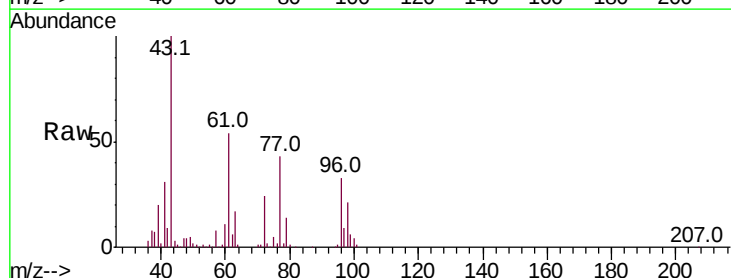
Acq: 17 Sep 2020 21:35

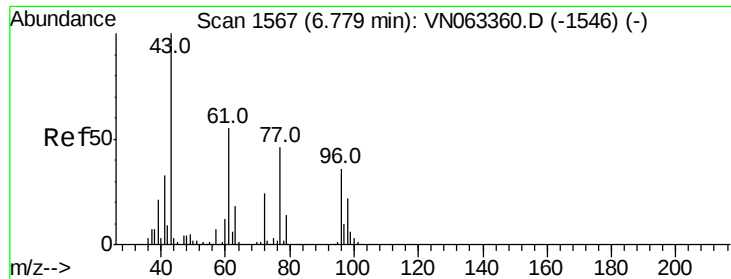
Tgt Ion: 77 Resp: 235720

Ion Ratio Lower Upper

77 100

97 21.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 47.681 ug/l

RT: 6.78 min Scan# 1568

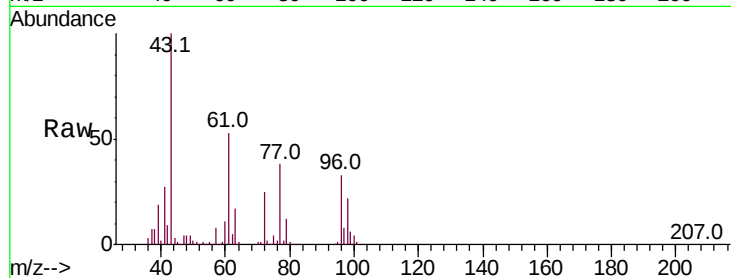
Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

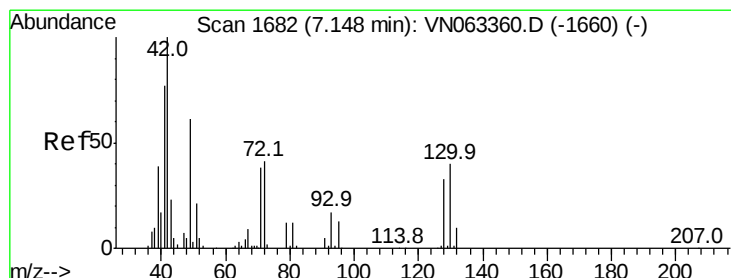
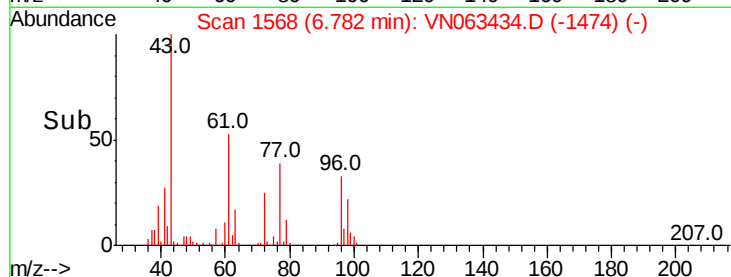
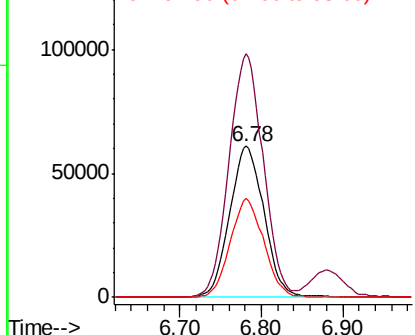
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.6	0.0	319.6
98	63.7	0.0	127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 50.835 ug/l

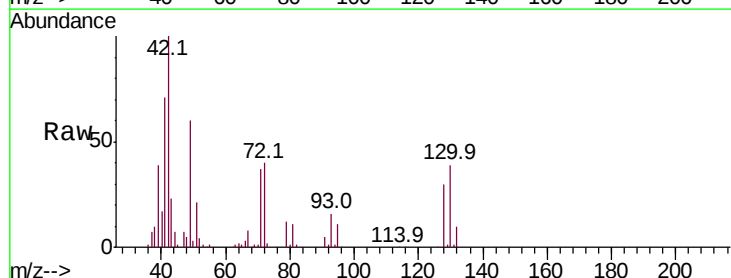
RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

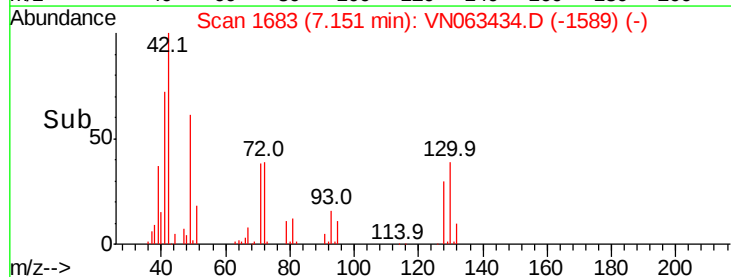
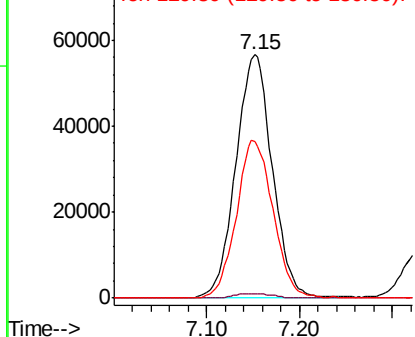
Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	65.1	52.2	78.2

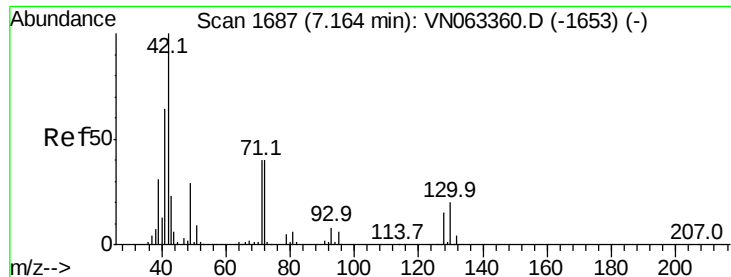


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 232.400 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

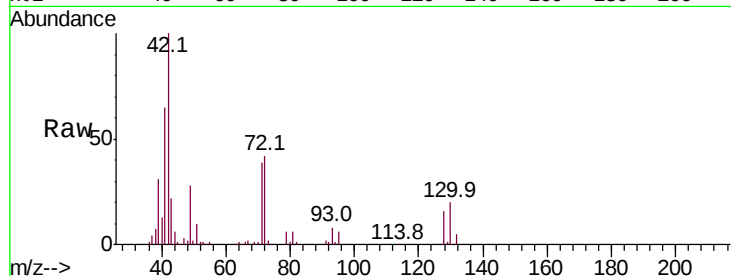
Tot Ion: 42 Resp: 354199

Ion Ratio Lower Upper

42 100

72 40.9 32.1 48.1

71 38.5 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN063360.D (-1653) (-)

Ion 72.00 (71.70 to 72.70): VN063360.D (-1653) (-)

Ion 71.00 (70.70 to 71.70): VN063360.D (-1653) (-)

7.17

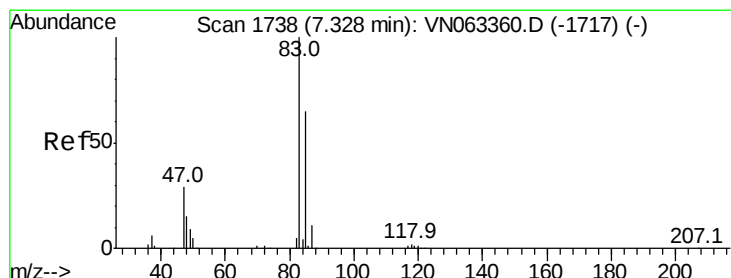
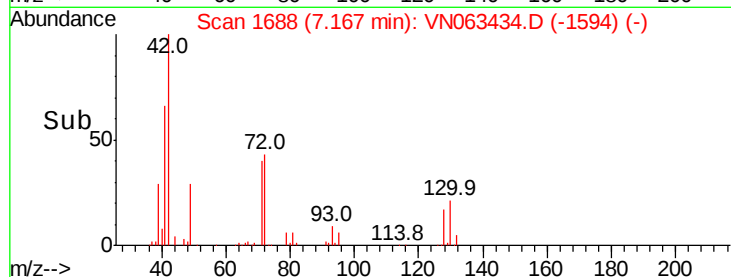
150000

100000

50000

0

Time--> 7.00 7.10 7.20 7.30



#30

Chloroform

Concen: 48.236 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063434.D

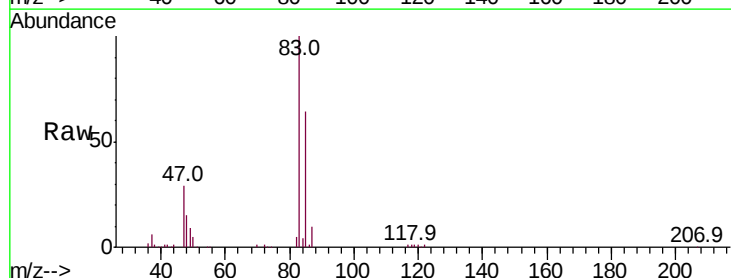
Acq: 17 Sep 2020 21:35

Tgt Ion: 83 Resp: 319013

Ion Ratio Lower Upper

83 100

85 64.4 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-1717) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-1717) (-)

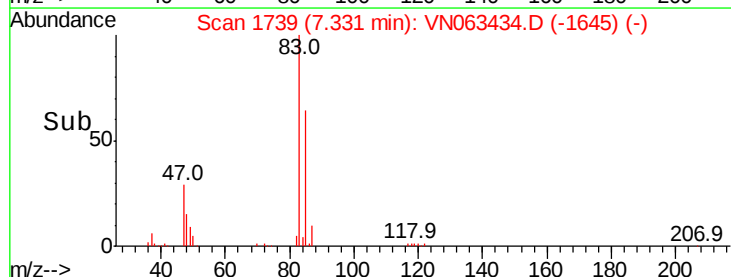
7.33

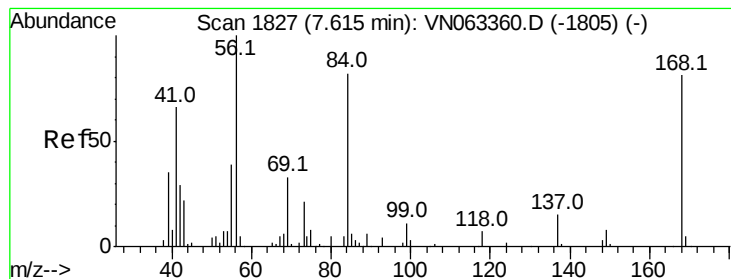
100000

50000

0

Time--> 7.20 7.30 7.40





#31

Cyclohexane

Concen: 43.359 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

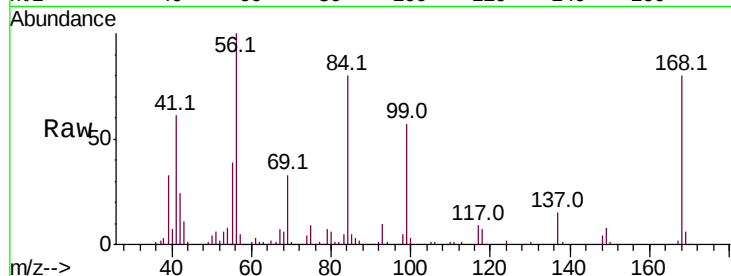
Tot Ion: 56 Resp: 270360

Ion Ratio Lower Upper

56 100

69 33.0 26.1 39.1

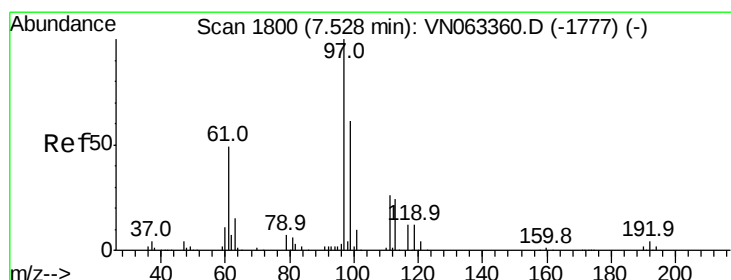
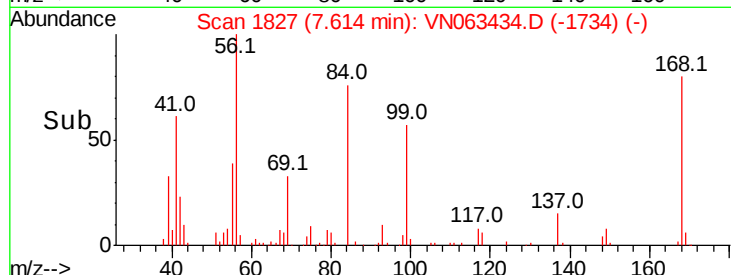
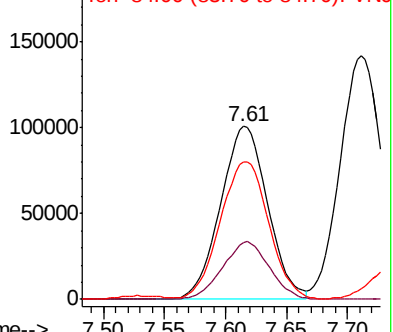
84 77.9 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN063360.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN063360.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN063360.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 47.843 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

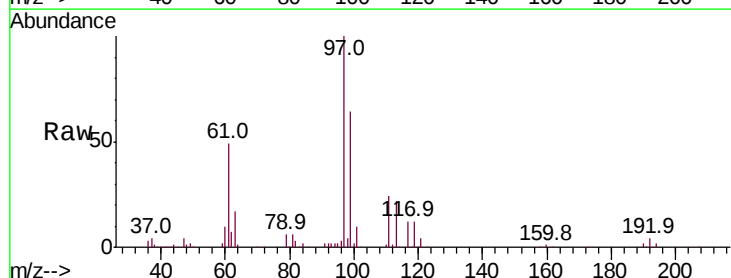
Tgt Ion: 97 Resp: 281425

Ion Ratio Lower Upper

97 100

99 64.1 50.6 76.0

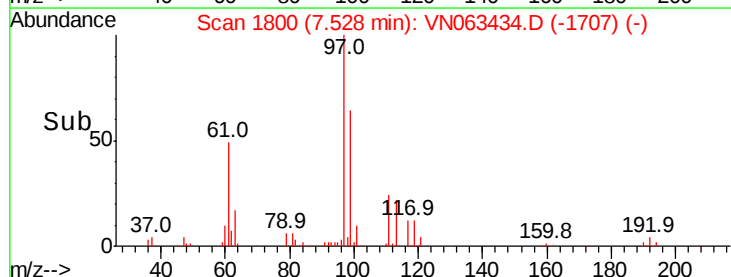
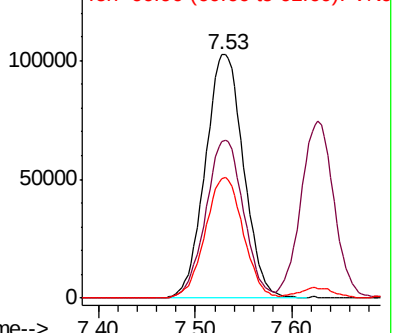
61 49.2 39.2 58.8

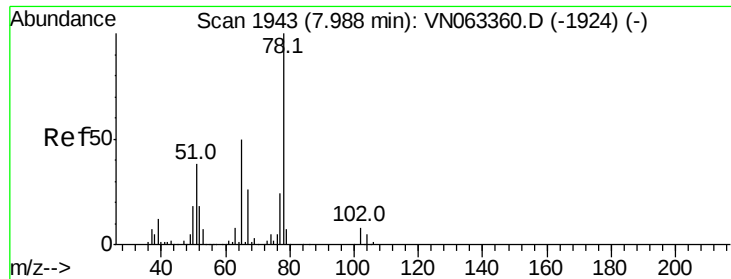


Abundance Ion 96.90 (96.60 to 97.60): VN063360.D (-1777) (-)

Ion 98.90 (98.60 to 99.60): VN063360.D (-1777) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1777) (-)





#33

1,2-Dichloroethane-d4

Concen: 45.873 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

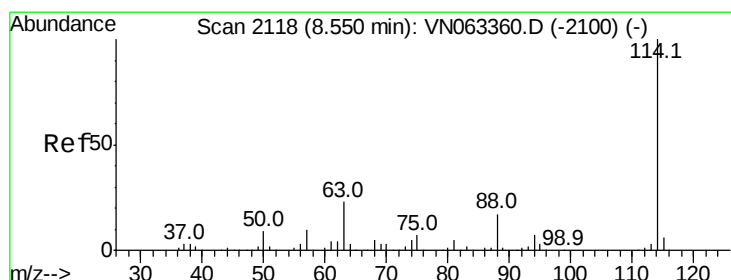
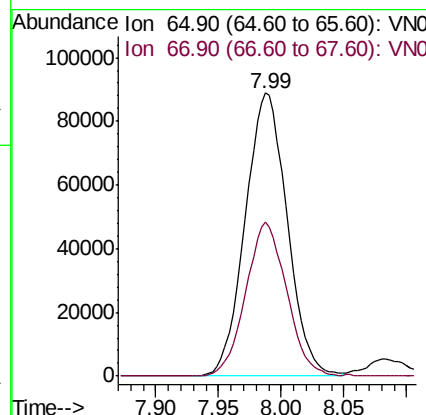
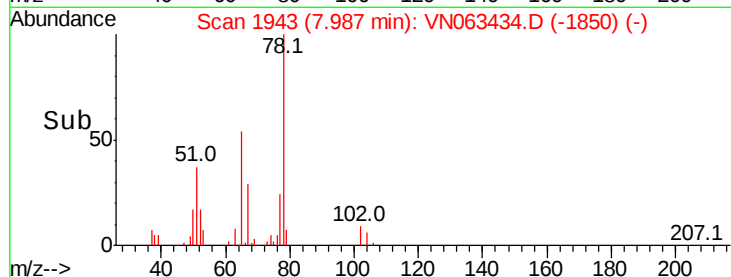
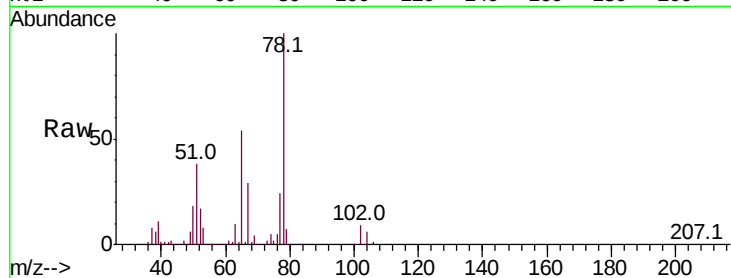
VSTDCCC050

Tot Ion: 65 Resp: 207102

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

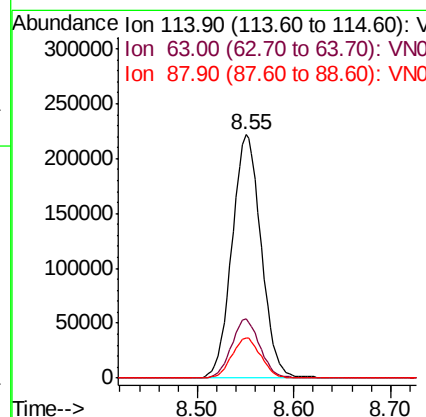
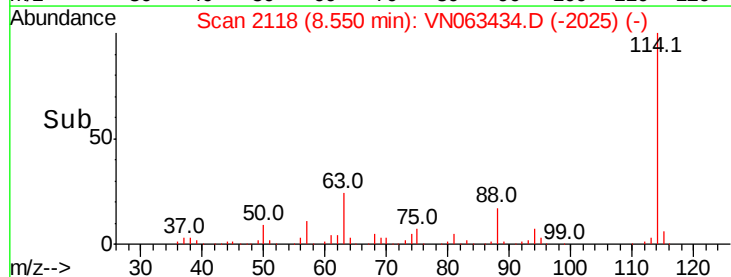
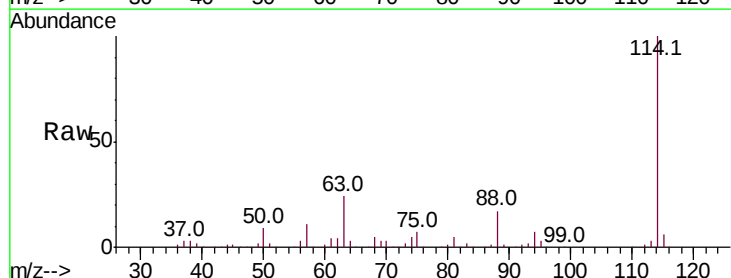
Tgt Ion: 114 Resp: 464042

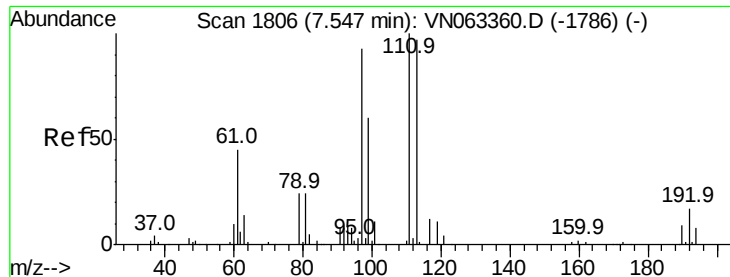
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.4

88 16.7 0.0 33.2

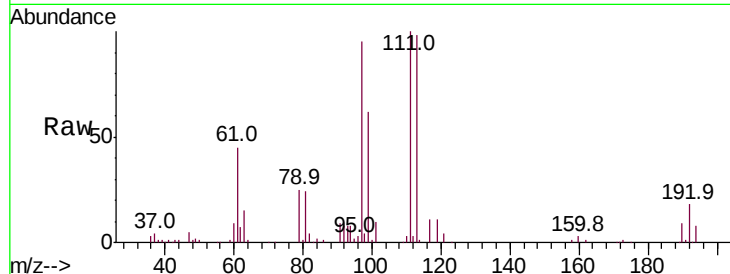




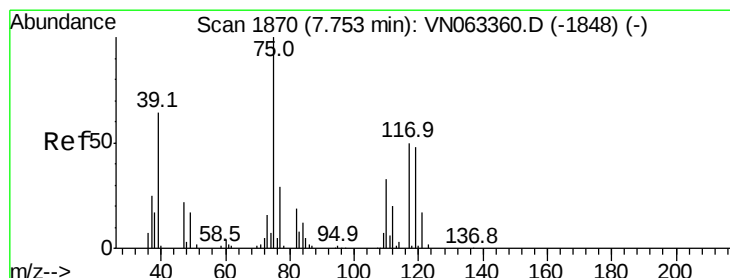
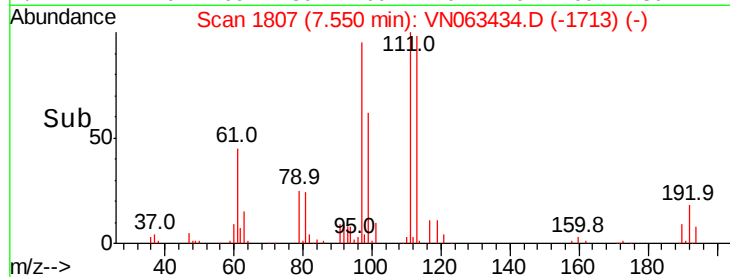
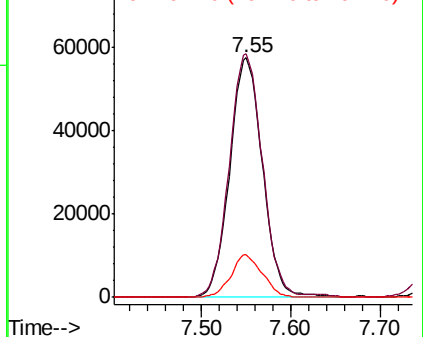
#35
 Dibromofluoromethane
 Concen: 45.598 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 146482
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 17.1 13.9 20.9

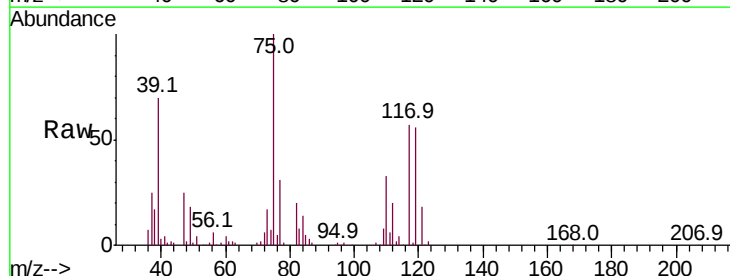


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

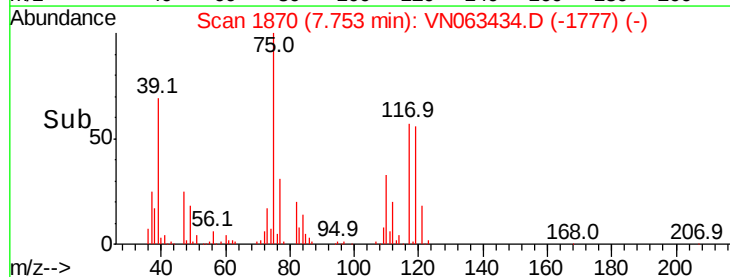
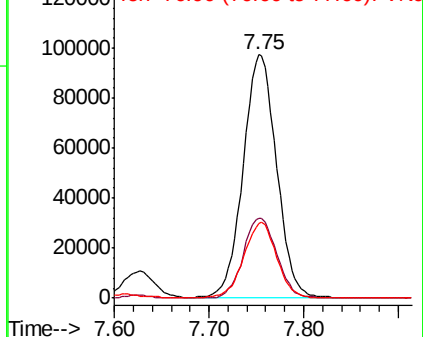


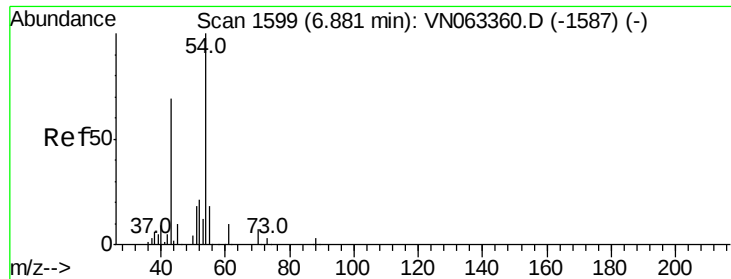
#36
 1,1-Dichloropropene
 Concen: 48.199 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion: 75 Resp: 238282
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.5 49.5
 77 30.9 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

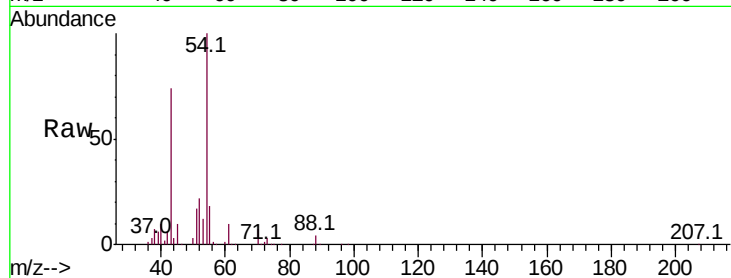




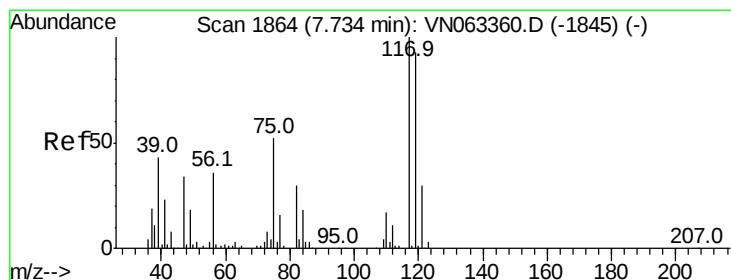
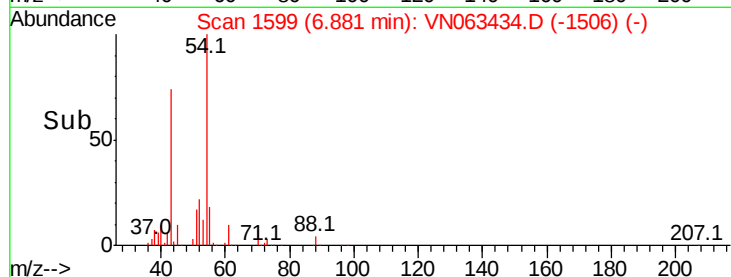
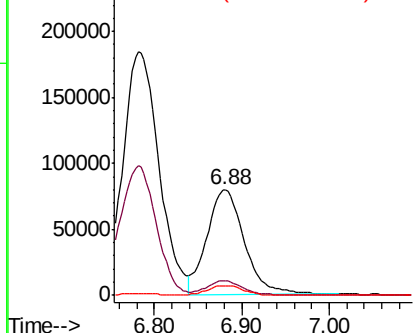
#37
Ethyl Acetate
Concen: 48.678 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 236190
Ion Ratio Lower Upper
43 100
61 12.7 10.6 15.8
70 8.9 7.2 10.8

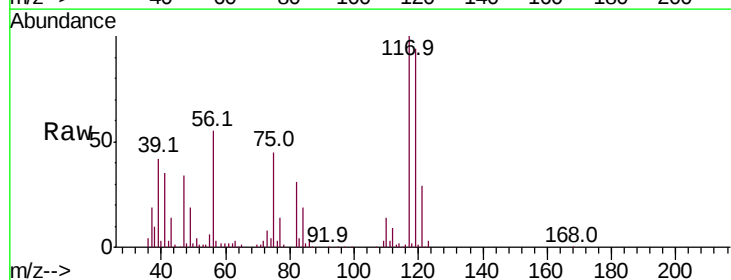


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

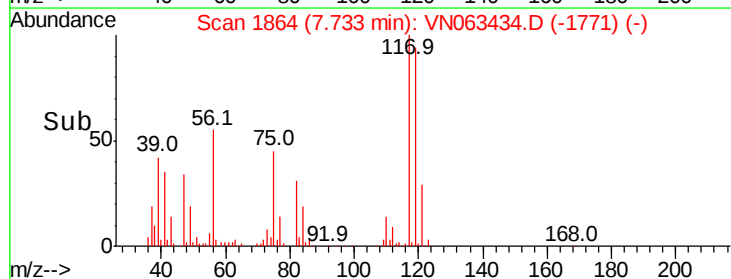
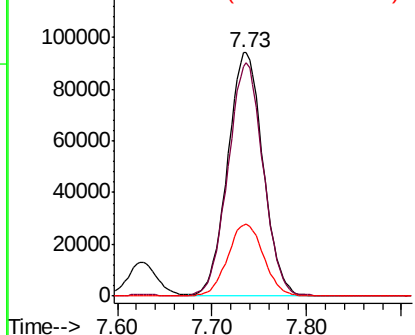


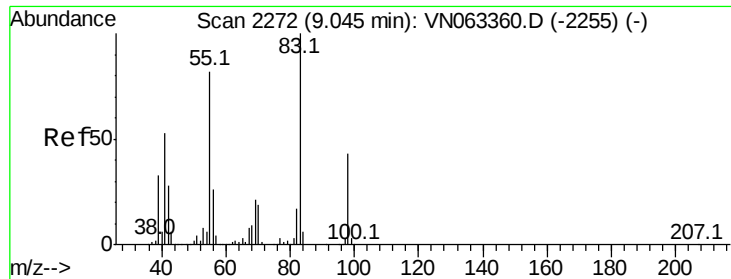
#38
Carbon Tetrachloride
Concen: 48.519 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 117 Resp: 244855
Ion Ratio Lower Upper
117 100
119 93.9 74.5 111.7
121 29.3 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

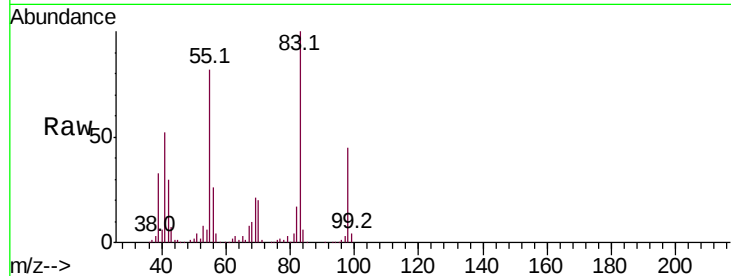




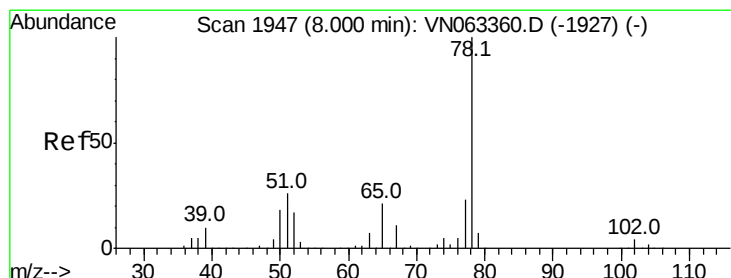
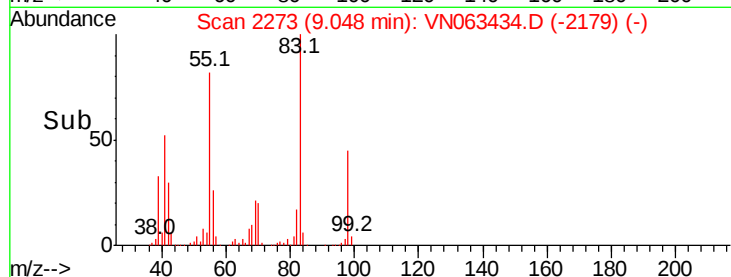
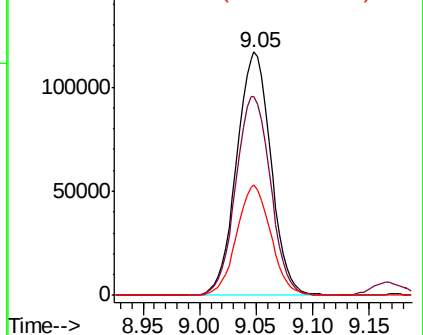
#39
Methvlcvclohexane
Concen: 45.967 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 246638
Ion Ratio Lower Upper
83 100
55 81.7 65.5 98.3
98 45.2 34.2 51.4

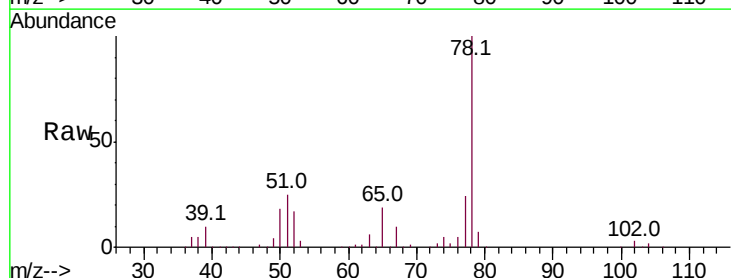


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

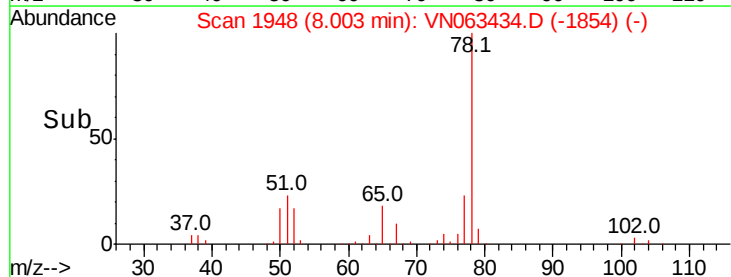
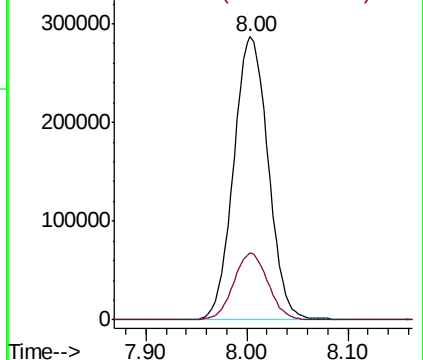


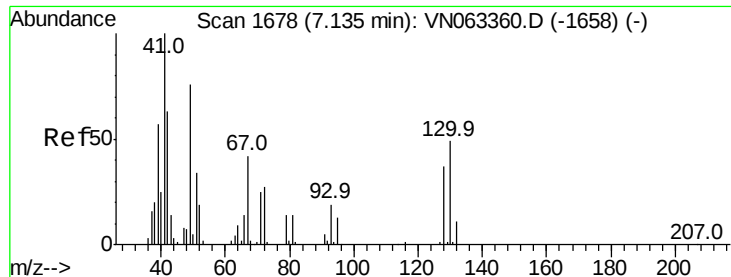
#40
Benzene
Concen: 48.376 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 78 Resp: 682706
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

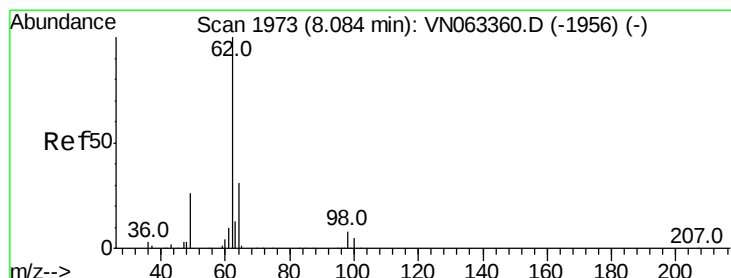
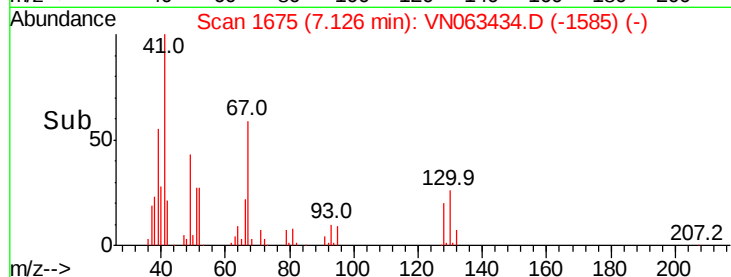
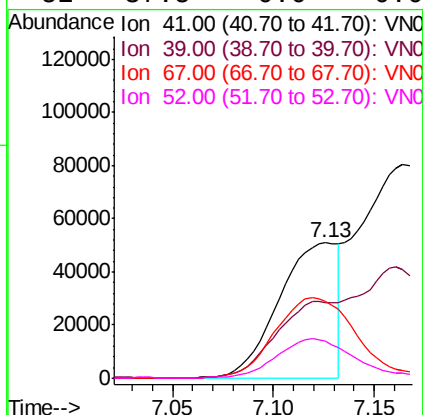
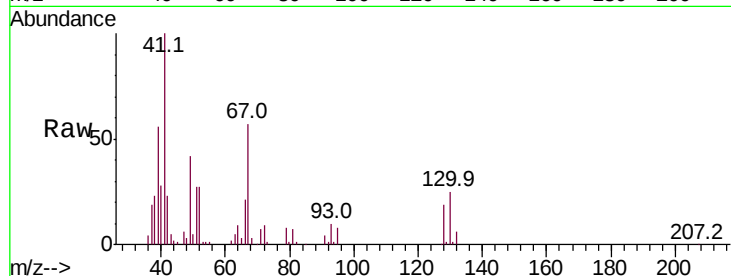




#41
Methacrylonitrile
Concen: 47.436 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

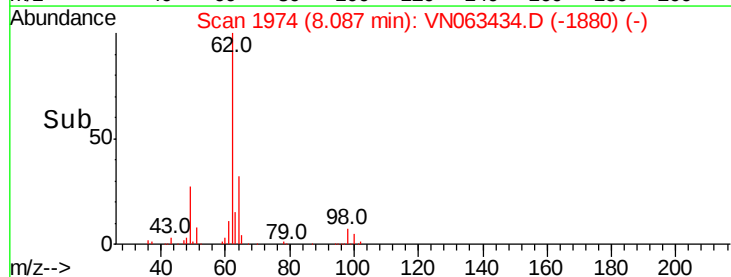
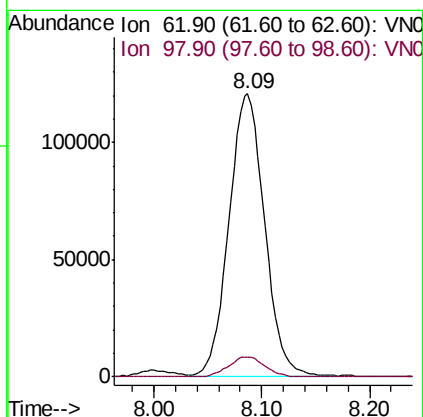
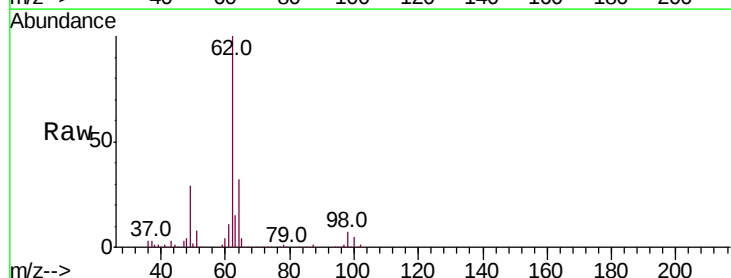
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

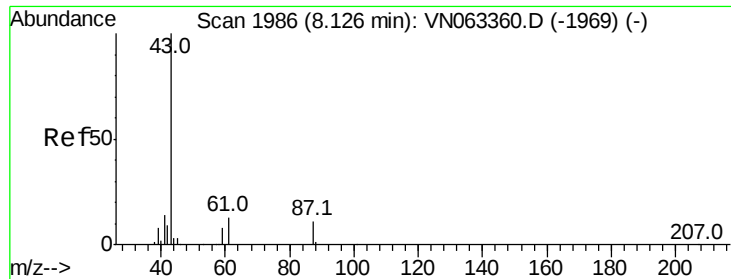
Tot Ion: 41 Resp: 103518
Ion Ratio Lower Upper
41 100
39 52.6 0.0 0.0#
67 82.3 0.0 0.0#
52 37.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.722 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 62 Resp: 276510
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.6





#43

Isopropyl Acetate

Concen: 46.283 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

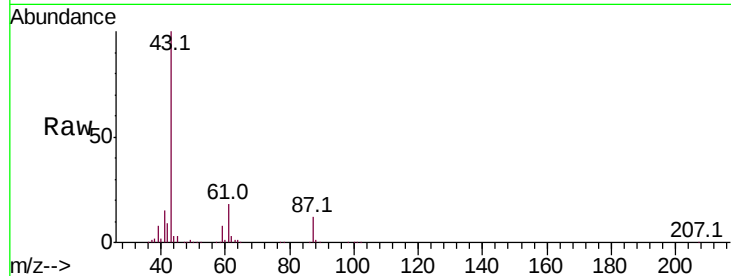
Tot Ion: 43 Resp: 401549

Ion Ratio Lower Upper

43 100

61 24.9 14.2 21.2#

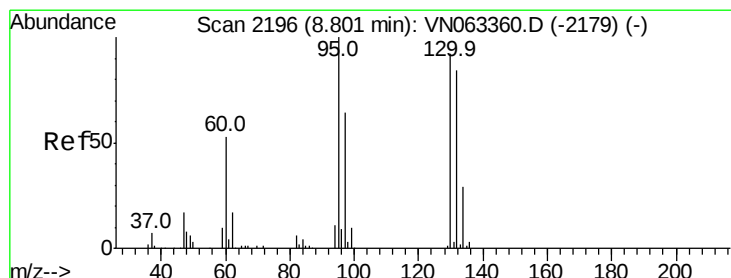
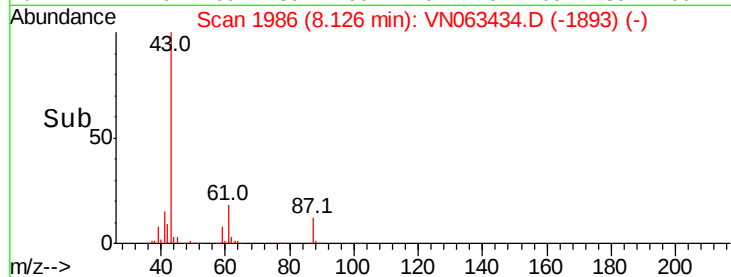
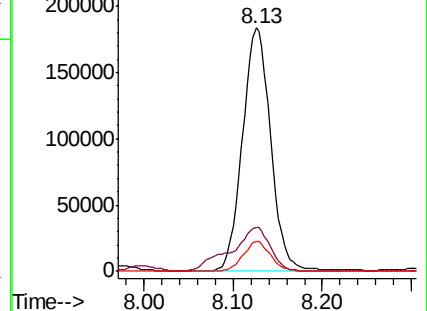
87 12.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)



#44

Trichloroethene

Concen: 48.979 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063434.D

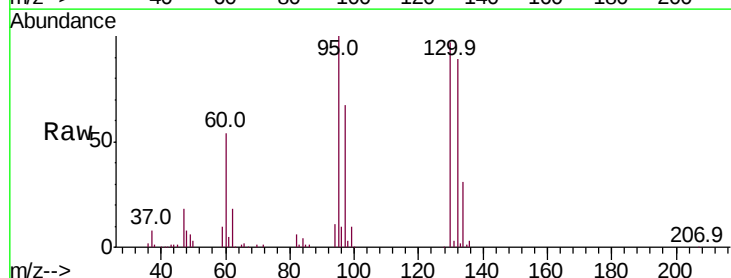
Acq: 17 Sep 2020 21:35

Tgt Ion:130 Resp: 167652

Ion Ratio Lower Upper

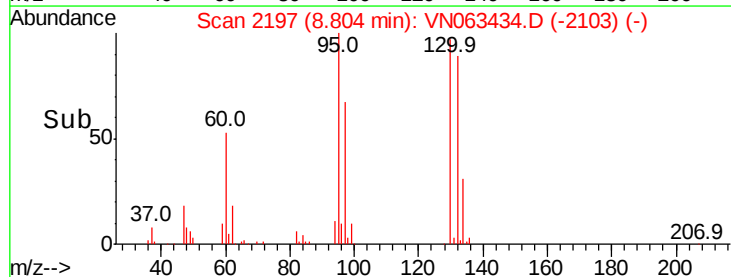
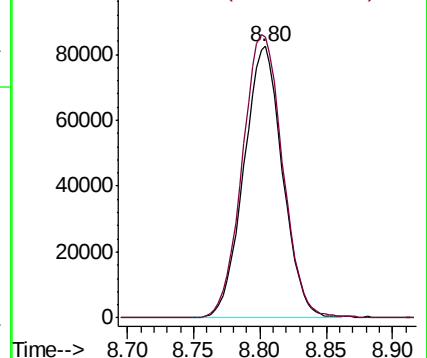
130 100

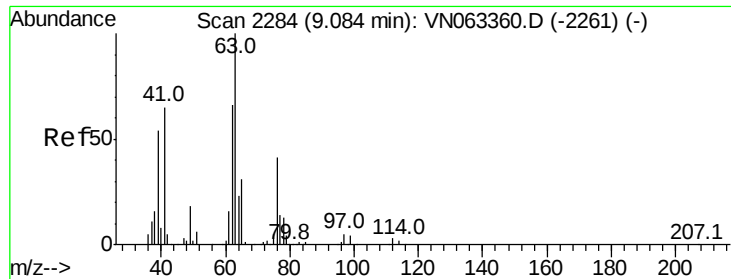
95 103.3 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 48.290 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

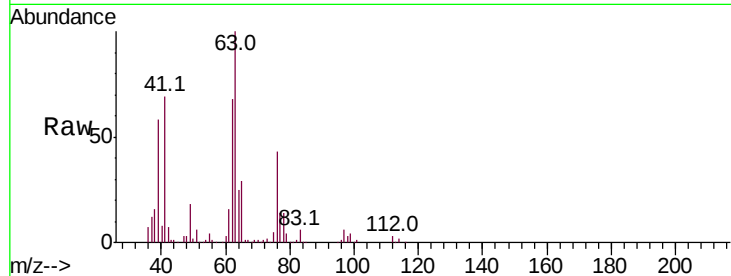
VSTDCCC050

Tot Ion: 63 Resp: 185609

Ion Ratio Lower Upper

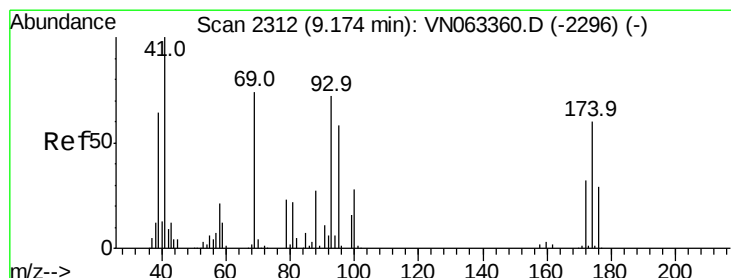
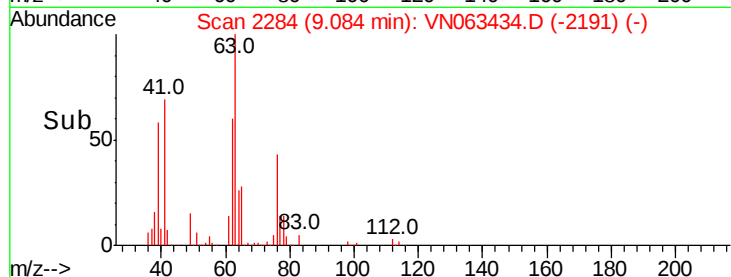
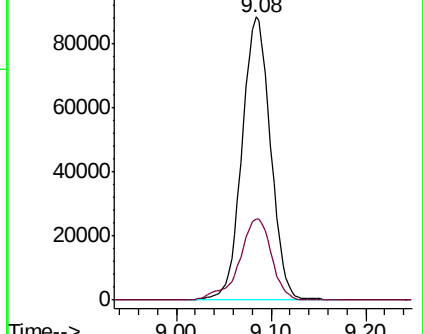
63 100

65 28.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 48.017 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

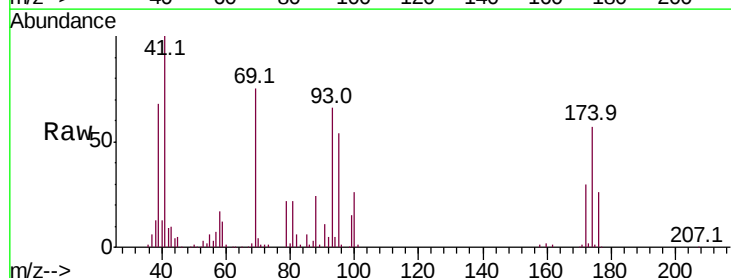
Tgt Ion: 93 Resp: 121302

Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

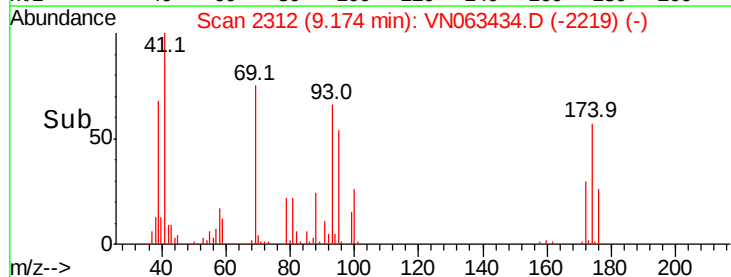
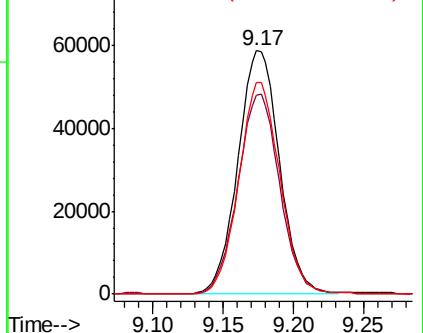
174 86.0 68.1 102.1

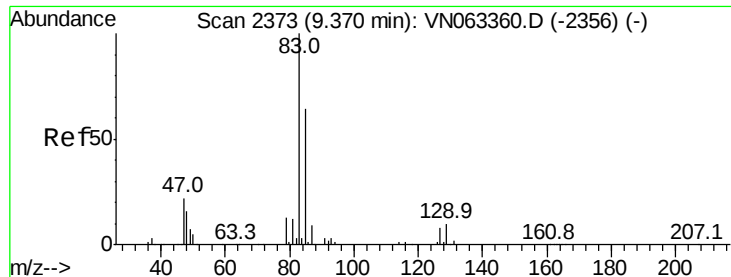


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

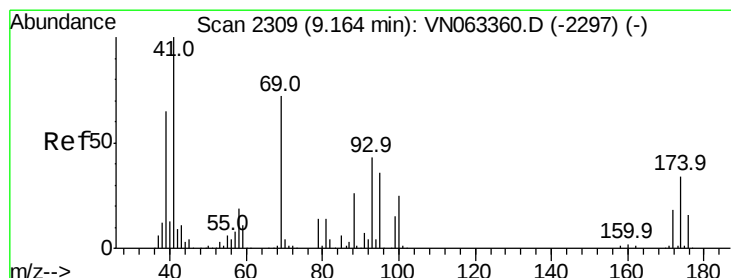
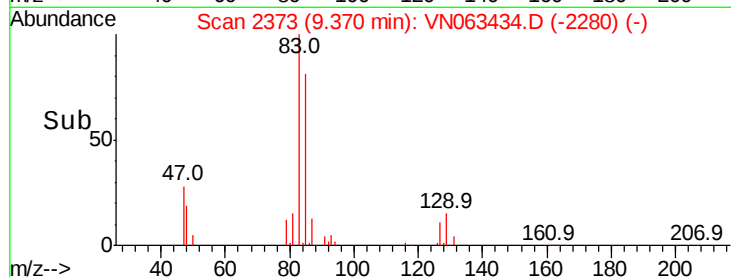
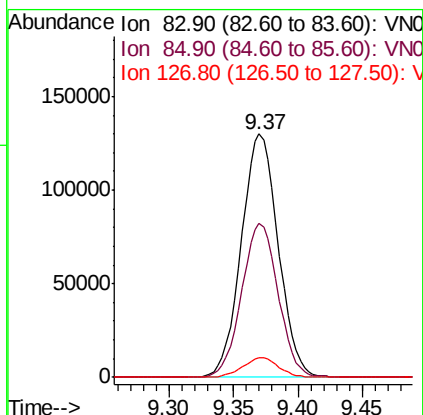
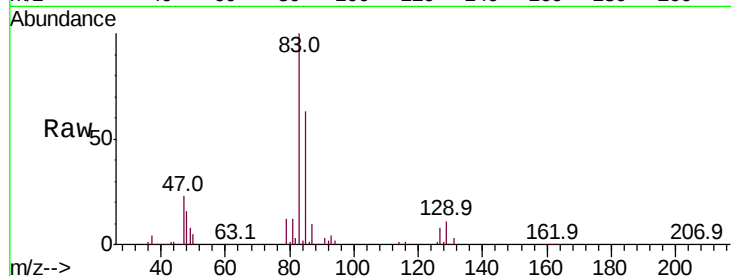




#47
Bromodichloromethane
Concen: 49.424 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

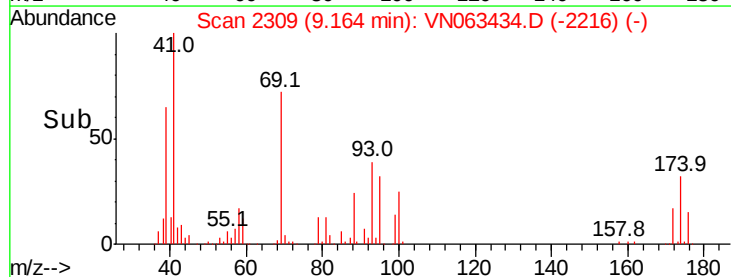
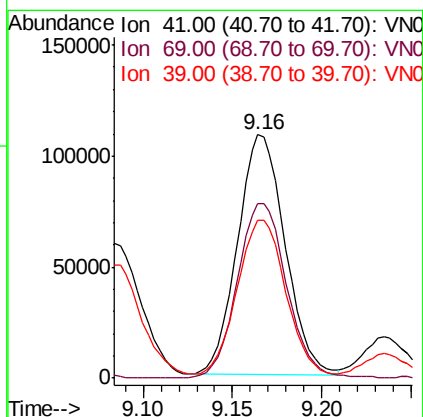
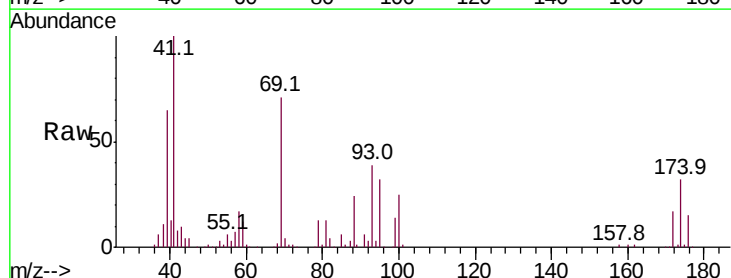
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

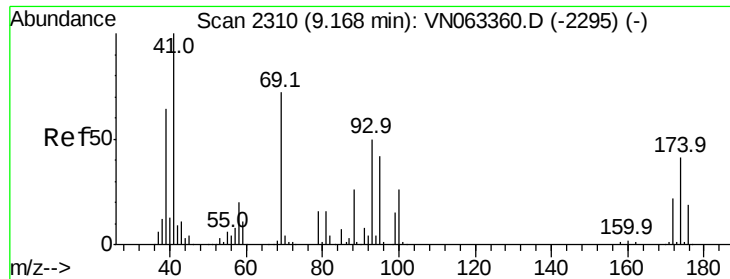
Tot Ion: 83 Resp: 259390
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.6
127 8.1 6.3 9.5



#48
Methyl methacrylate
Concen: 47.314 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 41 Resp: 201678
Ion Ratio Lower Upper
41 100
69 75.4 59.3 88.9
39 67.9 52.9 79.3





#49

1,4-Dioxane

Concen: 879.644 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

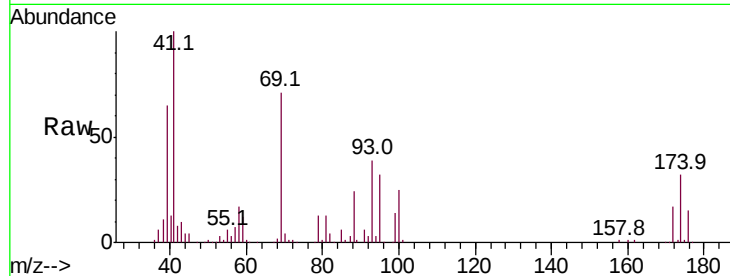
Tot Ion: 88 Resp: 53808

Ion Ratio Lower Upper

88 100

43 37.7 32.6 49.0

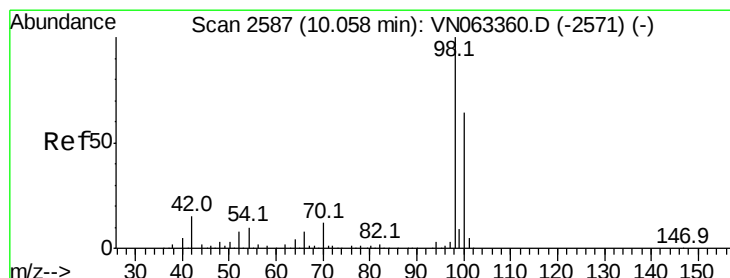
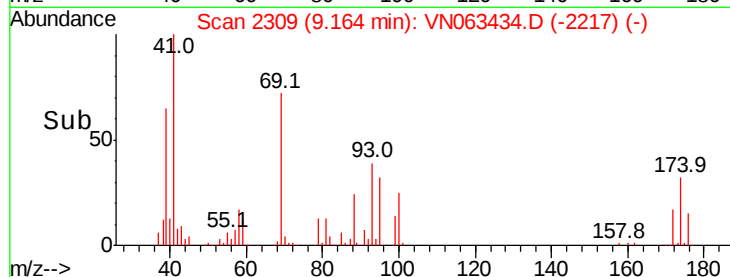
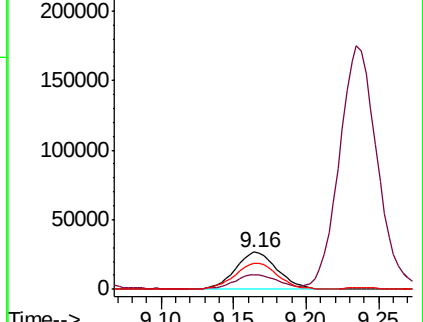
58 72.5 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN063360.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2295) (-)



#50

Toluene-d8

Concen: 46.877 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063434.D

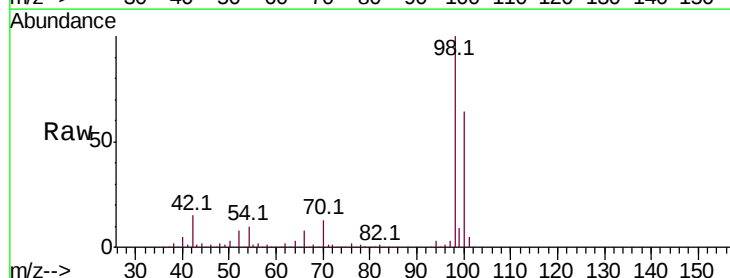
Acq: 17 Sep 2020 21:35

Tgt Ion: 98 Resp: 566246

Ion Ratio Lower Upper

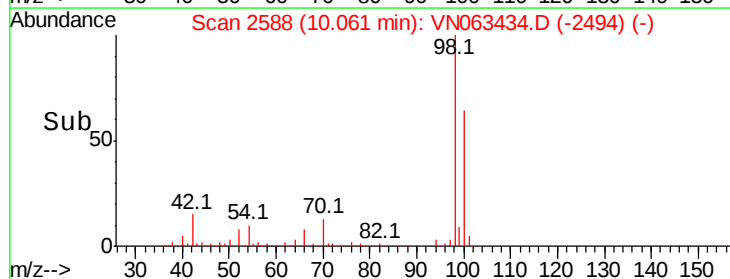
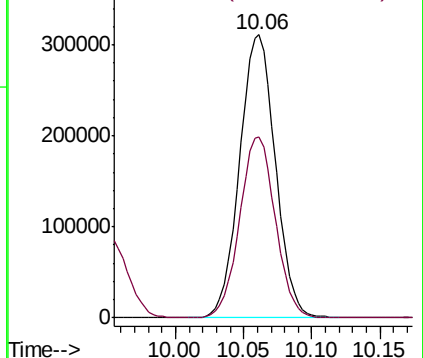
98 100

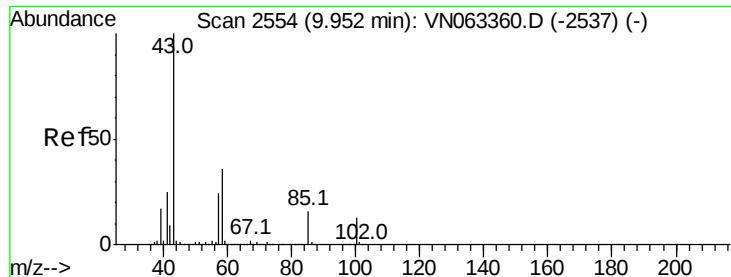
100 63.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 245.774 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

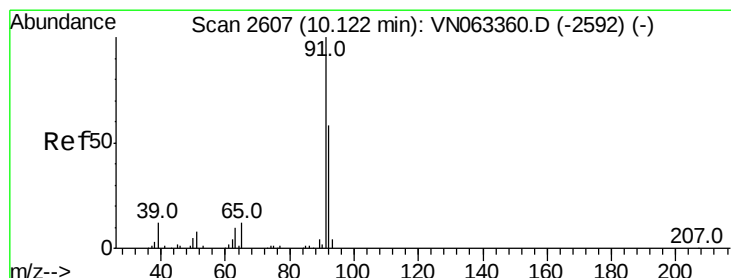
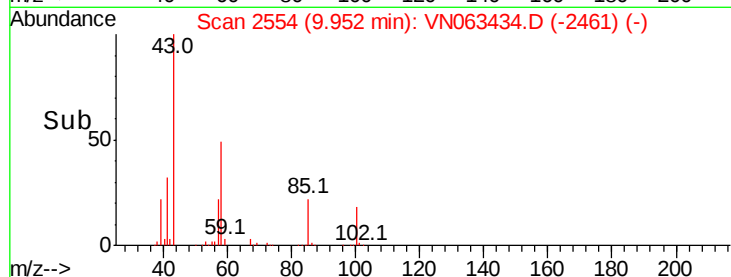
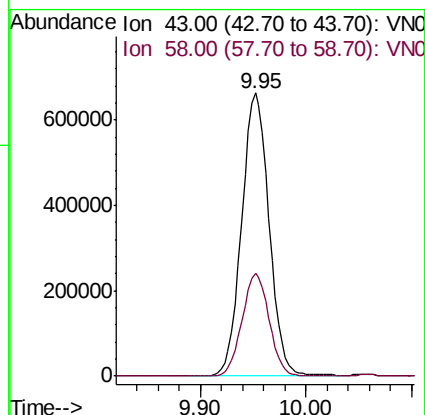
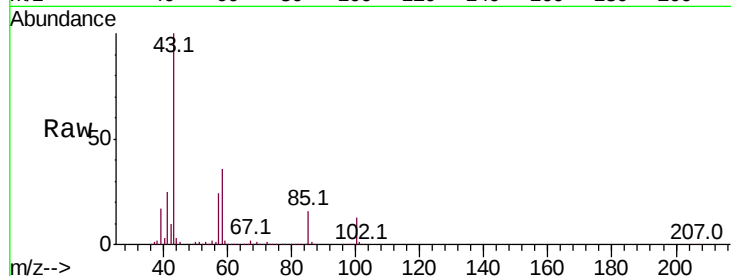
VSTDCCC050

Tot Ion: 43 Resp: 1193750

Ion Ratio Lower Upper

43 100

58 36.1 29.0 43.6



#52

Toluene

Concen: 49.788 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063434.D

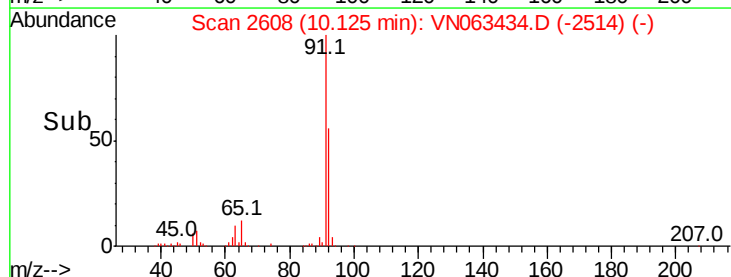
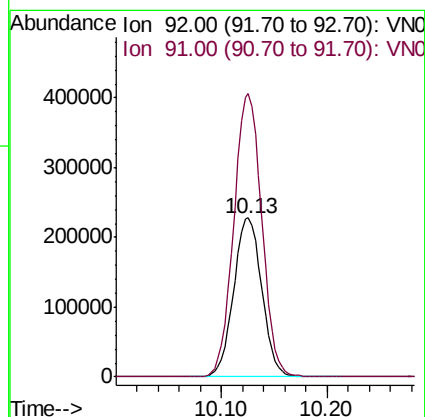
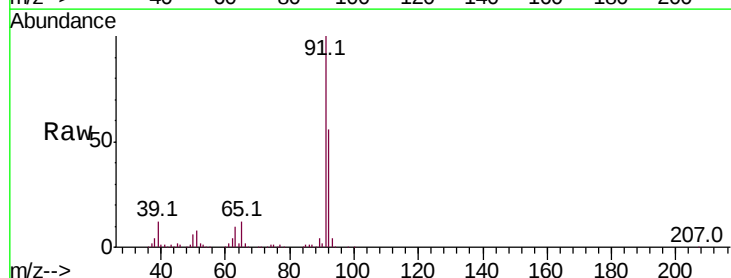
Acq: 17 Sep 2020 21:35

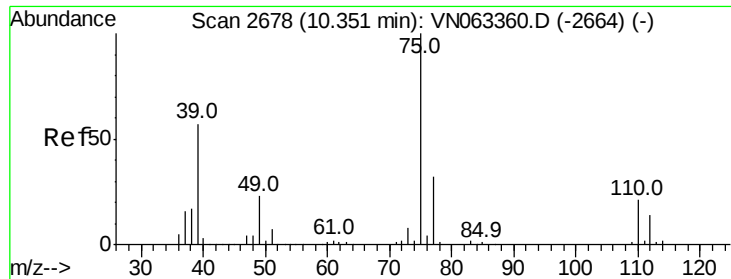
Tgt Ion: 92 Resp: 422450

Ion Ratio Lower Upper

92 100

91 176.8 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 47.806 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

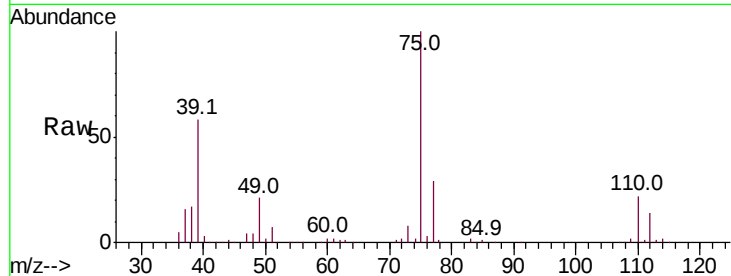
VSTDCCC050

Tot Ion: 75 Resp: 280097

Ion Ratio Lower Upper

75 100

77 29.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

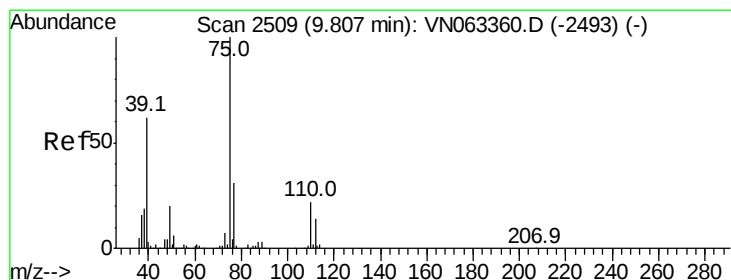
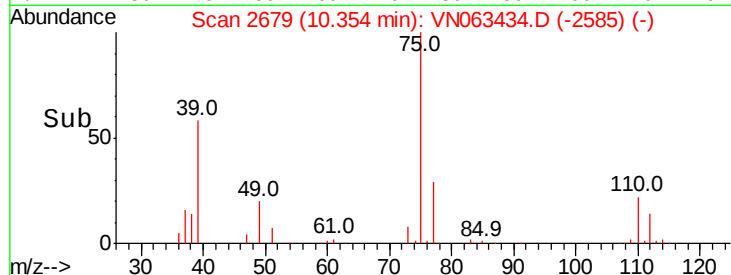
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.421 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

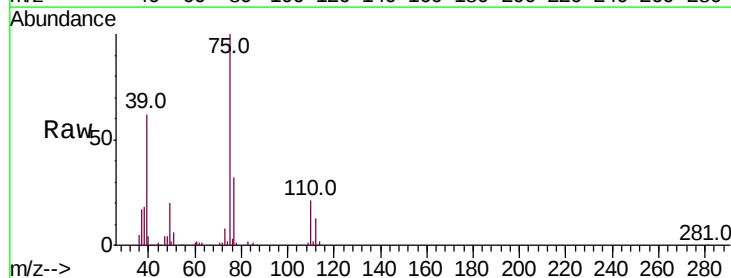
Tgt Ion: 75 Resp: 293069

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0

39 61.7 49.8 74.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

200000

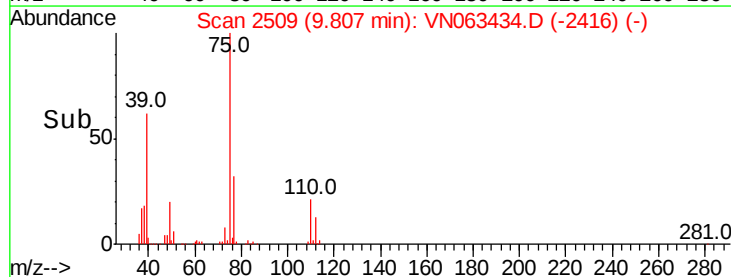
150000

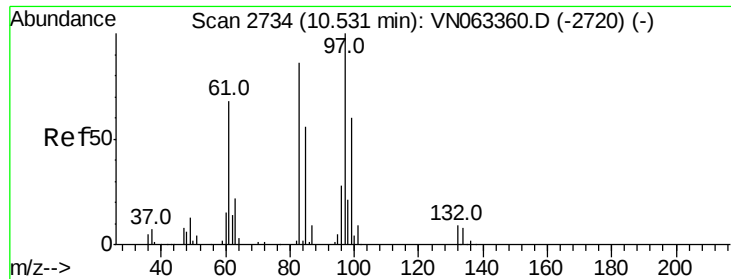
100000

50000

0

Time-->

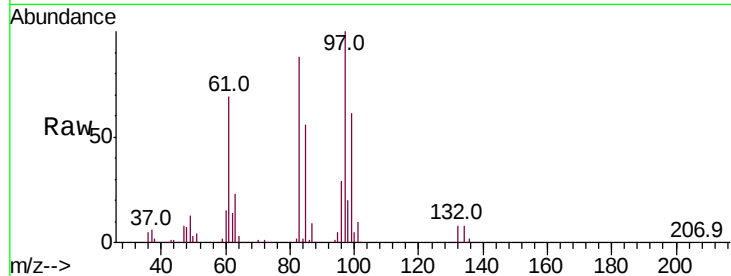




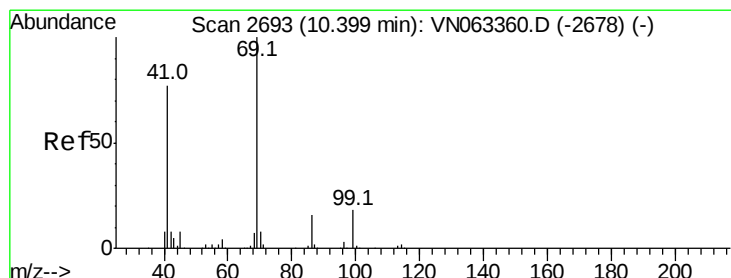
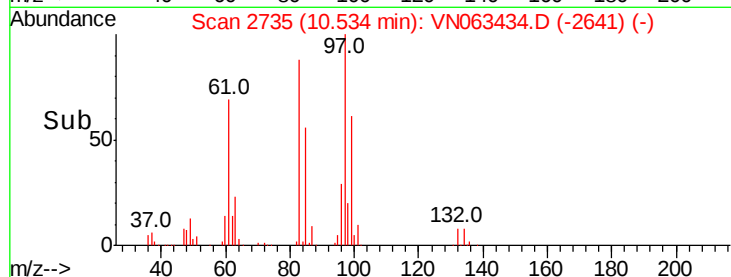
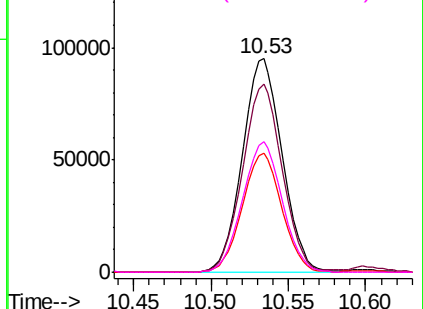
#55
 1,1,2-Trichloroethane
 Concen: 50.509 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 170228
 Ion Ratio Lower Upper
 97 100
 83 87.9 68.9 103.3
 85 55.6 44.8 67.2
 99 60.9 47.8 71.8

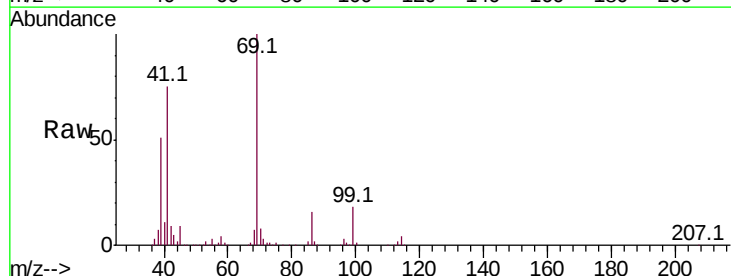


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

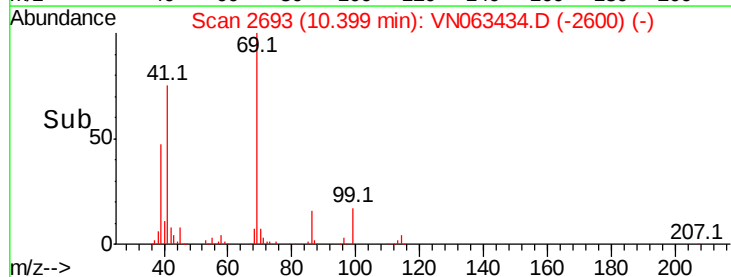
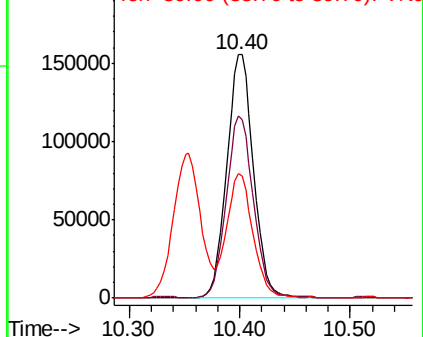


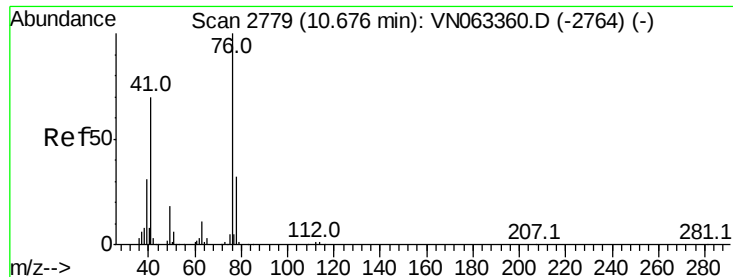
#56
 Ethyl methacrylate
 Concen: 49.654 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion: 69 Resp: 261246
 Ion Ratio Lower Upper
 69 100
 41 75.1 61.0 91.6
 39 49.9 39.2 58.8



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 48.495 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

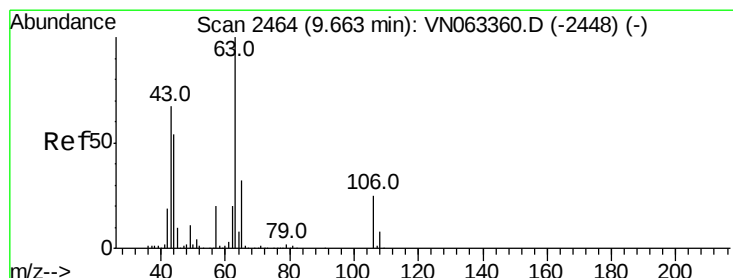
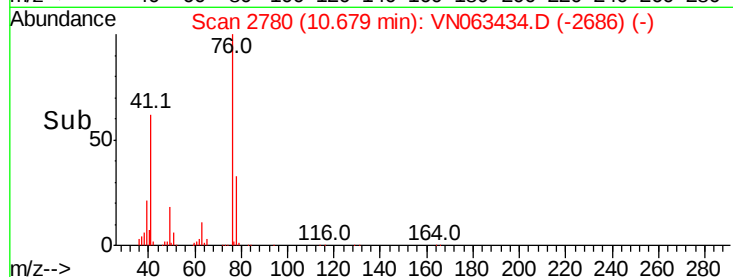
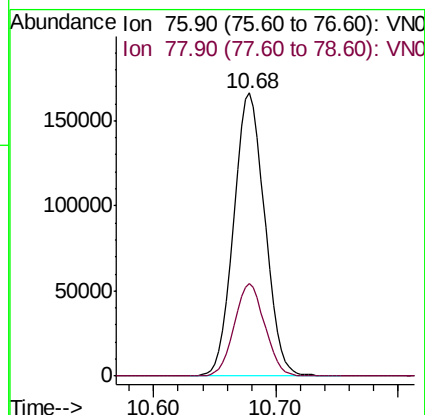
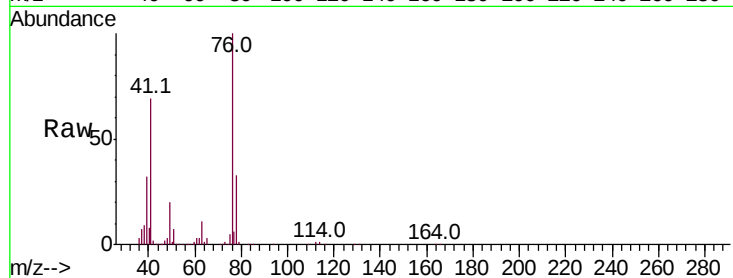
VSTDCCC050

Tot Ion: 76 Resp: 294738

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 244.568 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063434.D

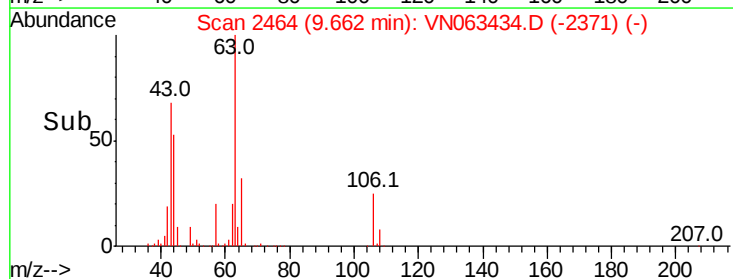
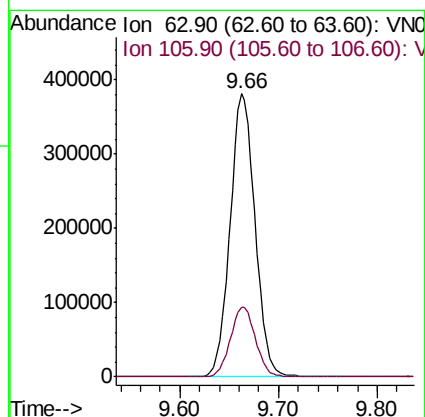
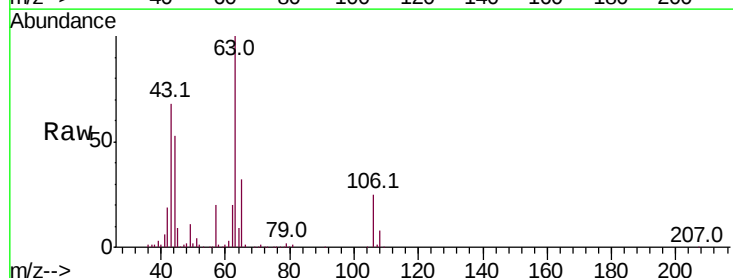
Acq: 17 Sep 2020 21:35

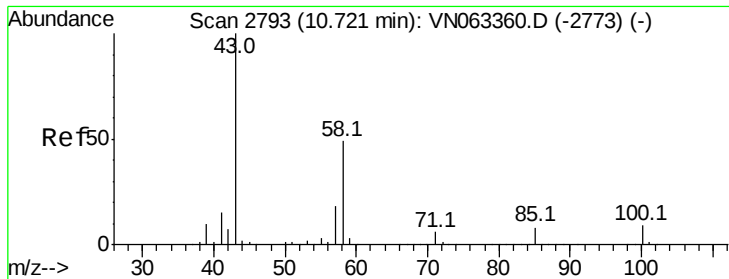
Tgt Ion: 63 Resp: 675007

Ion Ratio Lower Upper

63 100

106 24.9 19.5 29.3

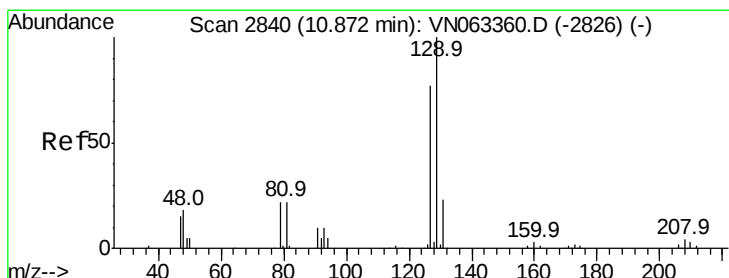
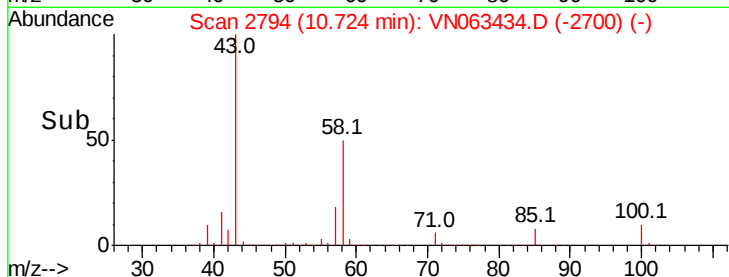
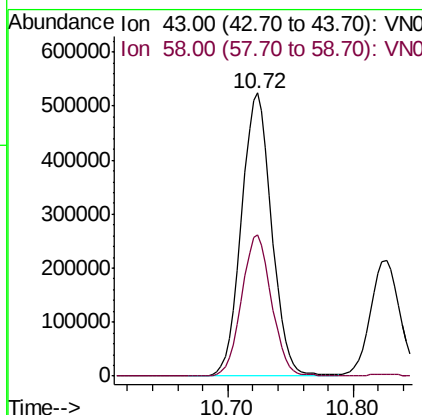
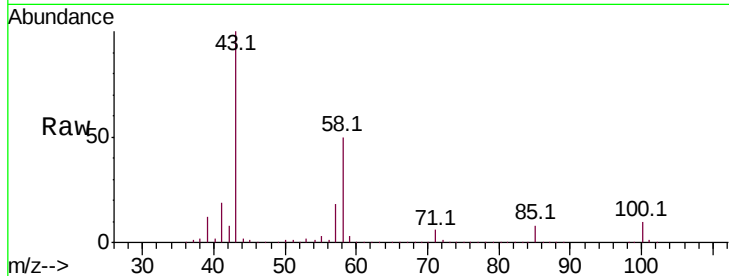




#59
2-Hexanone
Concen: 249.138 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

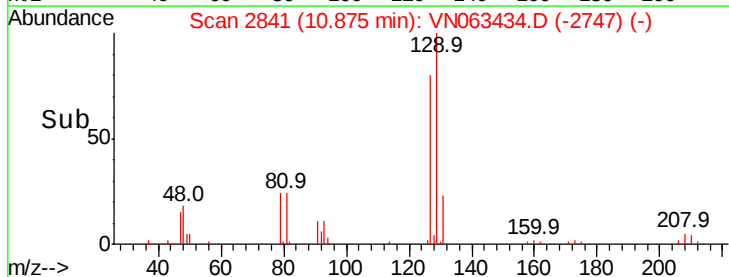
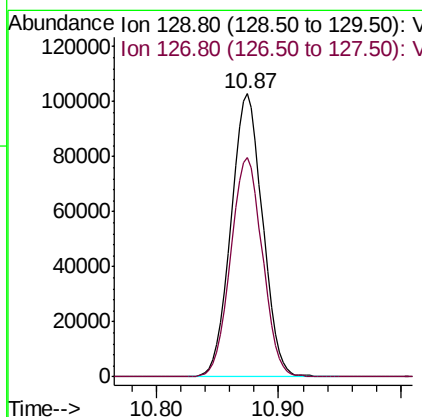
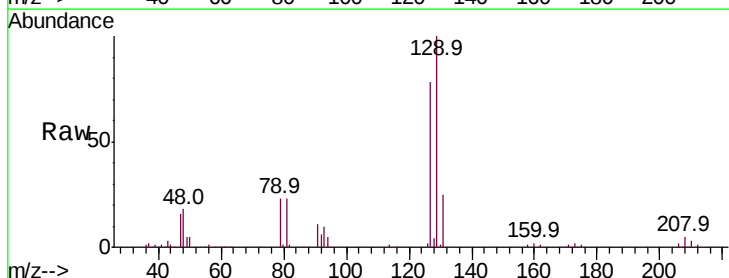
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

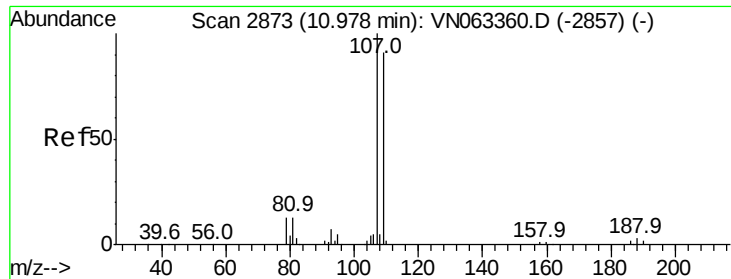
Tot Ion: 43 Resp: 876674
Ion Ratio Lower Upper
43 100
58 49.7 24.7 74.1



#60
Dibromochloromethane
Concen: 48.632 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 129 Resp: 185164
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3

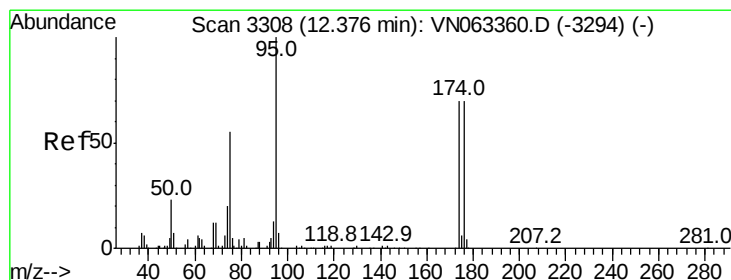
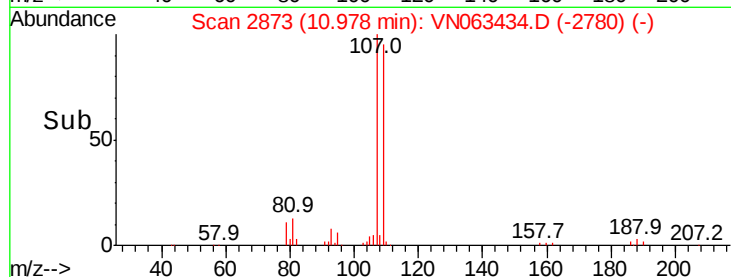
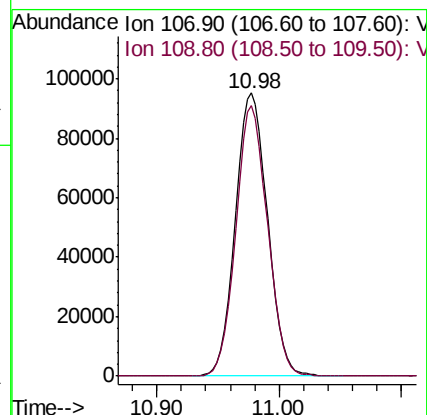
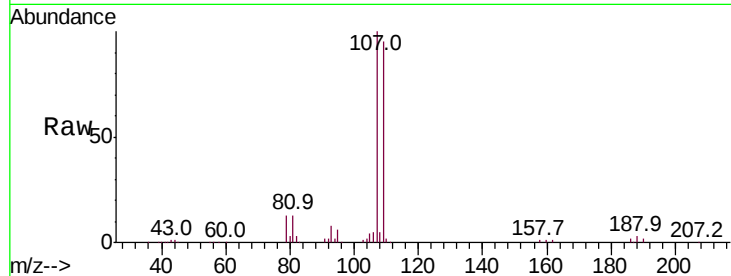




#61
 1,2-Dibromoethane
 Concen: 49.830 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

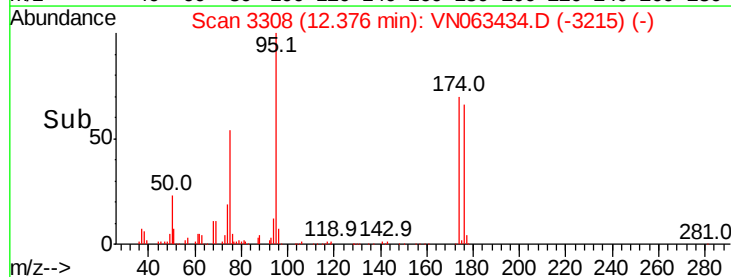
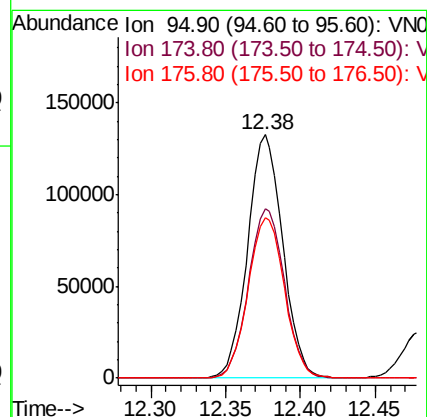
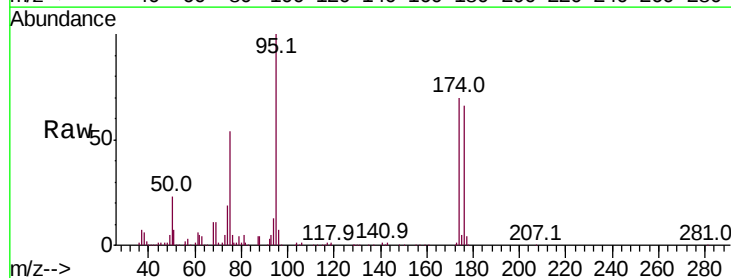
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

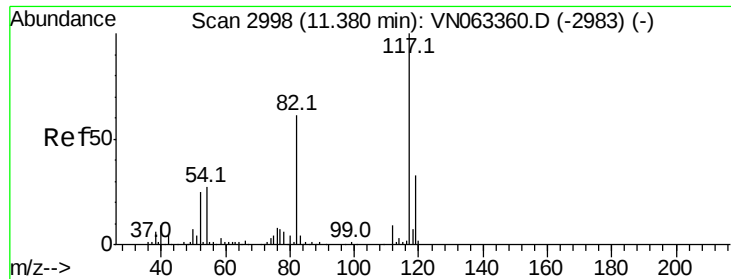
Tot Ion:107 Resp: 174477
 Ion Ratio Lower Upper
 107 100
 109 93.8 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.960 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion: 95 Resp: 216800
 Ion Ratio Lower Upper
 95 100
 174 71.7 0.0 140.8
 176 68.4 0.0 137.6

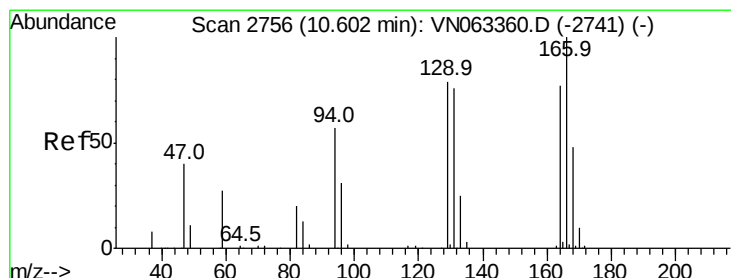
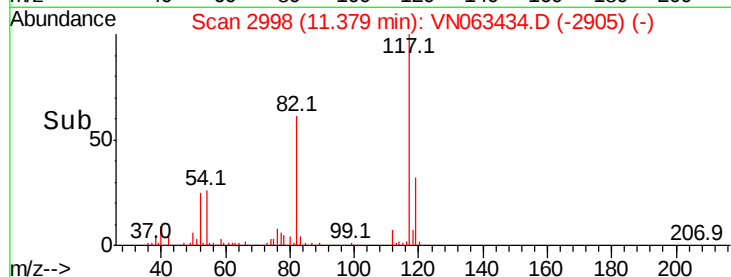
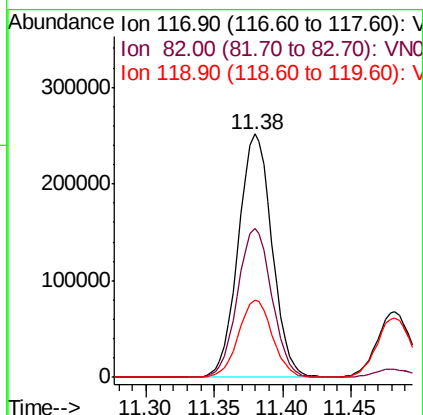
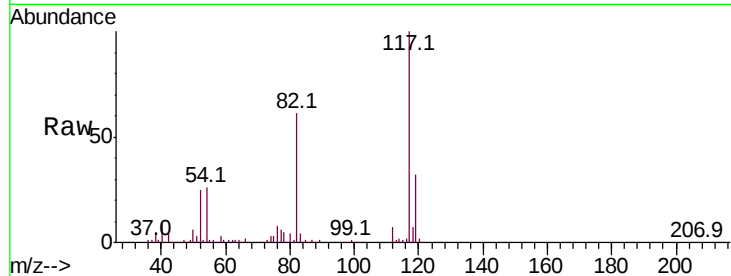




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

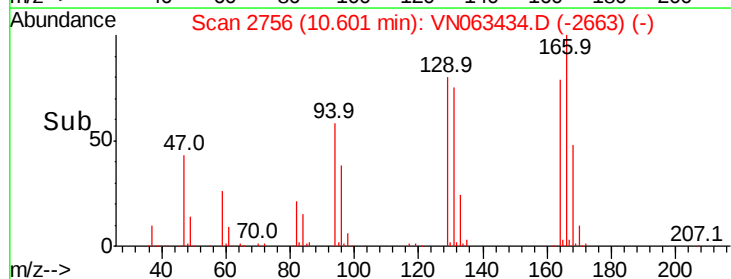
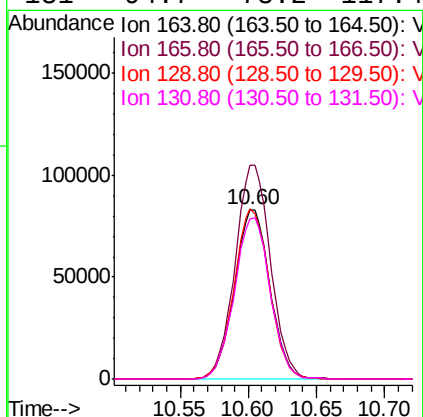
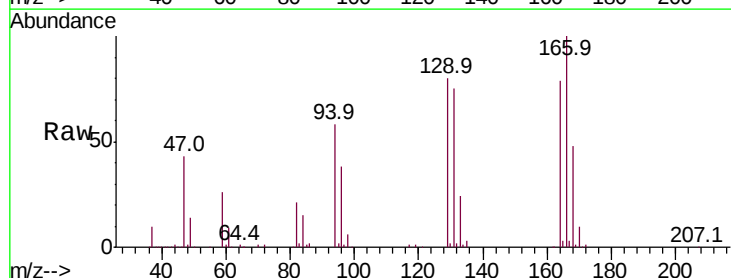
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

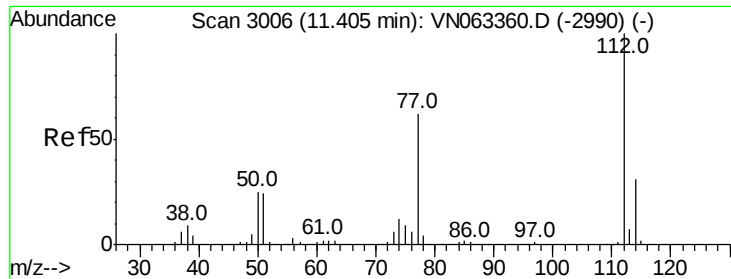
Tot Ion:117 Resp: 432908
Ion Ratio Lower Upper
117 100
82 61.3 49.2 73.8
119 31.9 26.2 39.4



#64
Tetrachloroethene
Concen: 50.746 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion:164 Resp: 149589
Ion Ratio Lower Upper
164 100
166 126.0 103.4 155.0
129 100.4 81.8 122.6
131 94.7 78.2 117.4

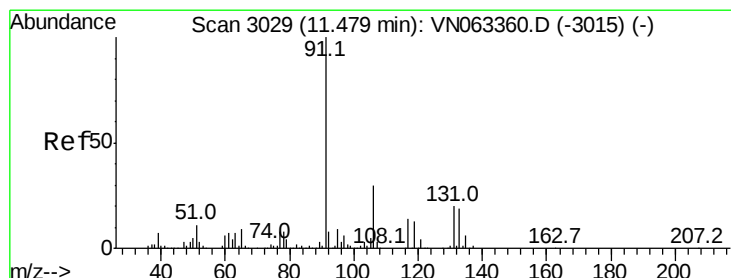
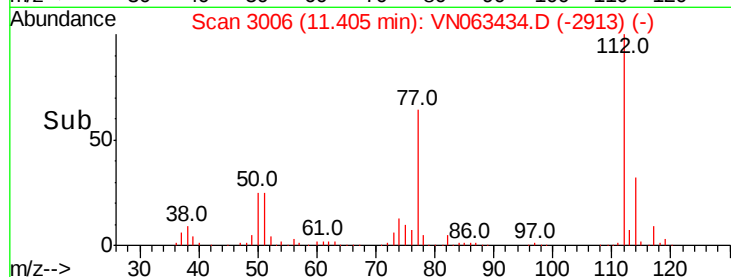
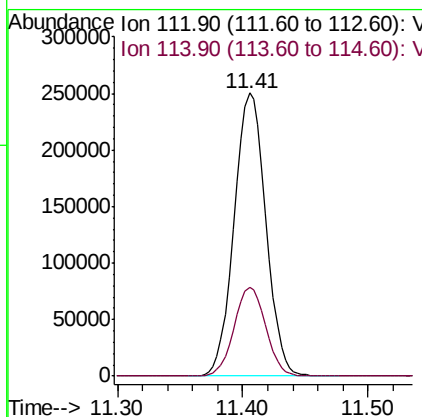
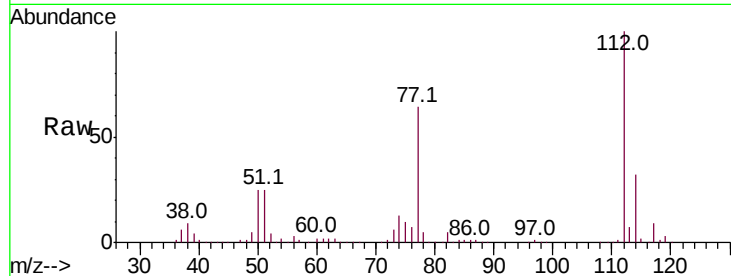




#65
Chlorobenzene
Concen: 47.920 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

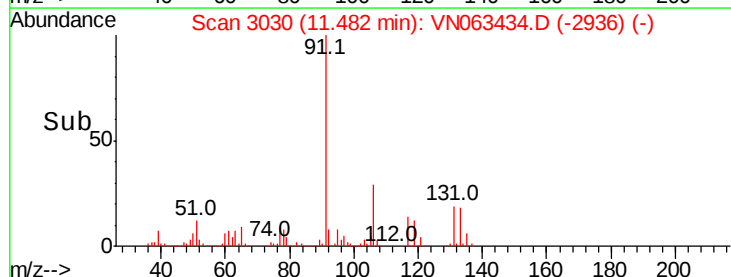
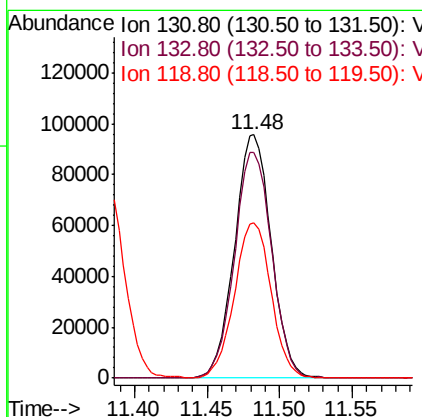
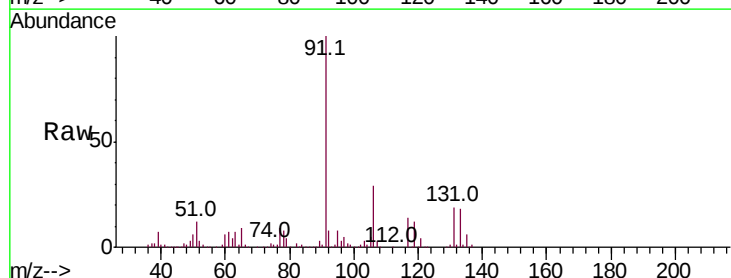
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

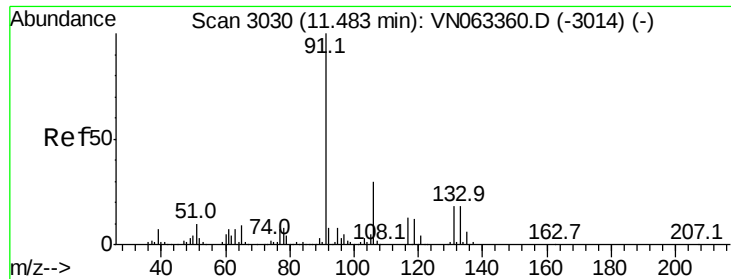
Tot Ion:112 Resp: 440358
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.892 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion:131 Resp: 168063
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.9
119 63.7 33.6 100.8

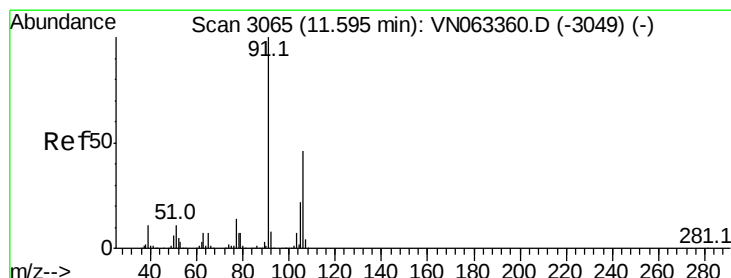
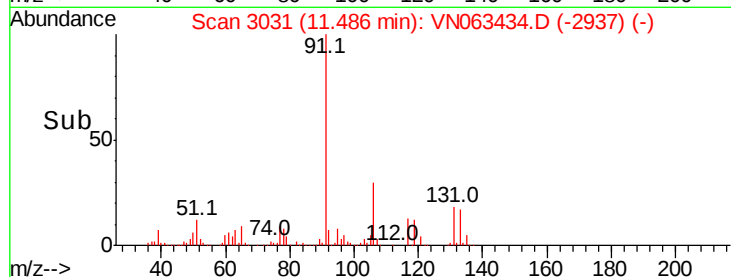
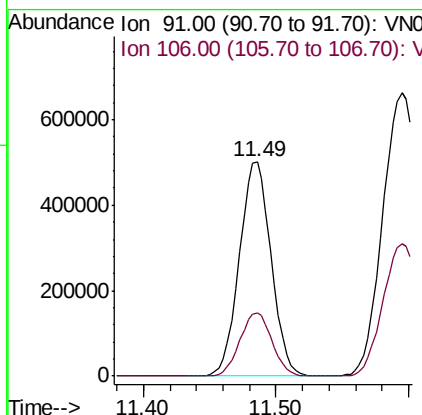
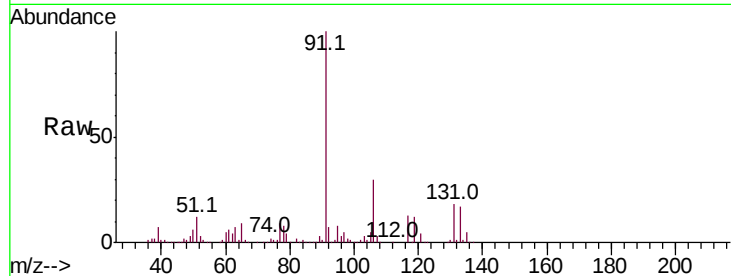




#67
Ethyl Benzene
Concen: 48.158 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

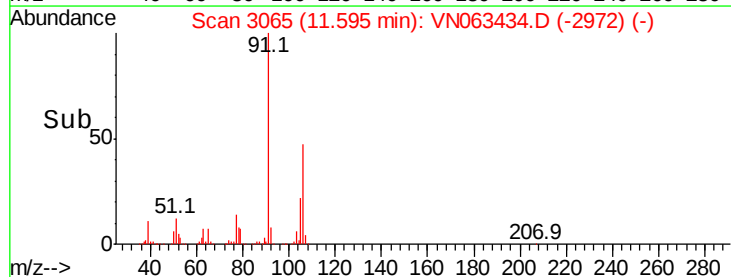
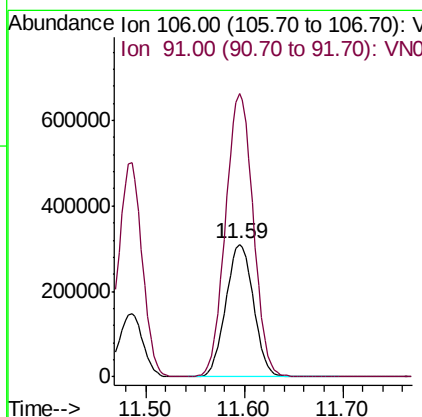
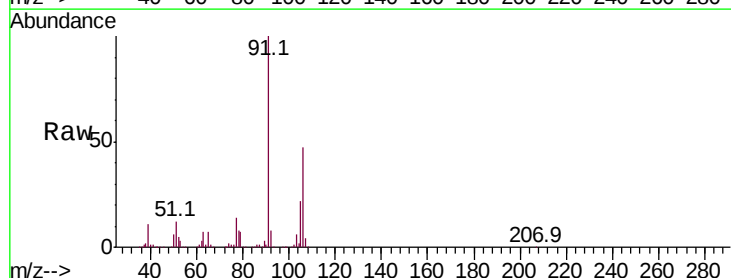
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

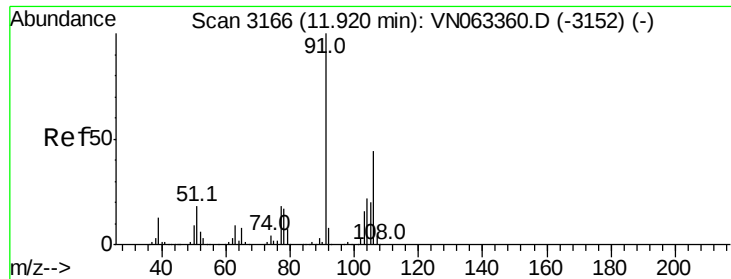
Tot Ion: 91 Resp: 833400
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 98.108 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 106 Resp: 612142
Ion Ratio Lower Upper
106 100
91 211.9 171.2 256.8

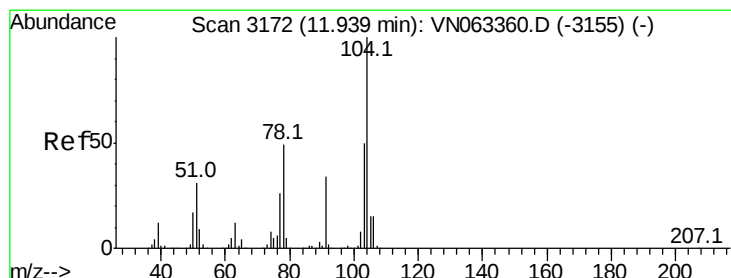
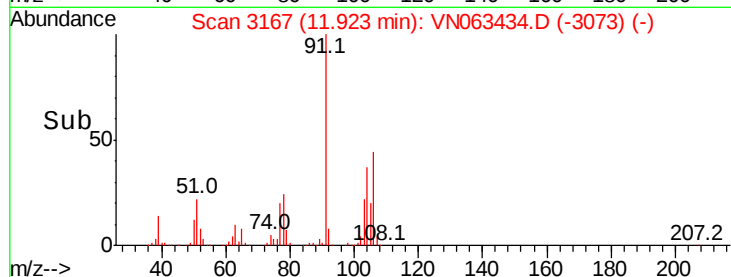
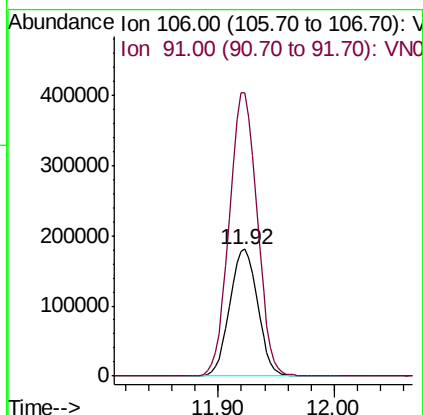
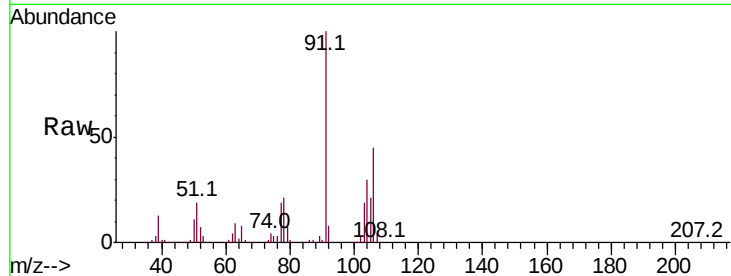




#69
o-Xylene
Concen: 50.529 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

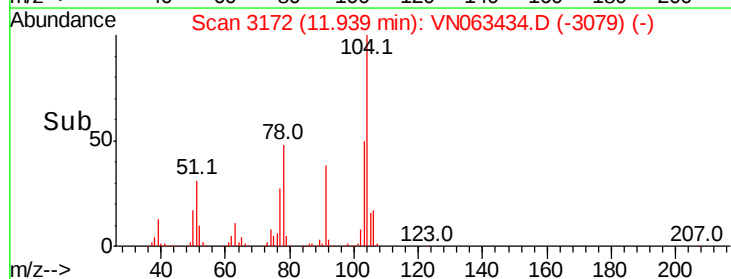
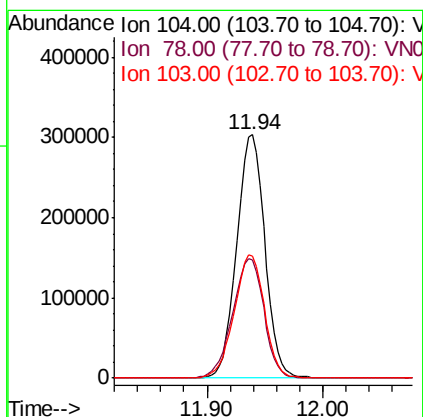
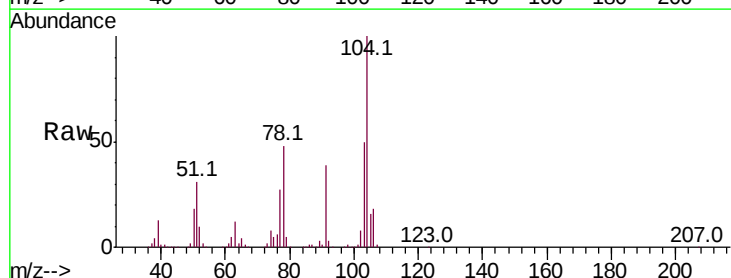
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

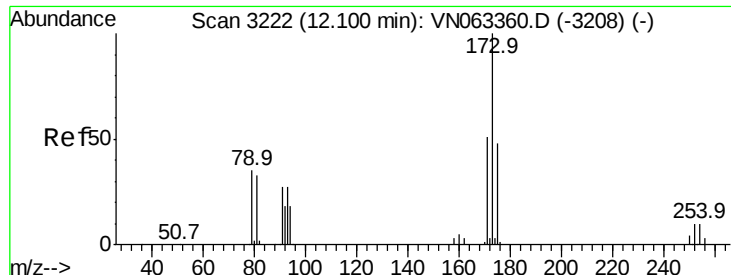
Tot Ion:106 Resp: 300330
Ion Ratio Lower Upper
106 100
91 222.9 113.6 340.8



#70
Styrene
Concen: 51.398 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion:104 Resp: 512315
Ion Ratio Lower Upper
104 100
78 54.6 44.4 66.6
103 54.5 43.7 65.5





#71

Bromoform

Concen: 48.906 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

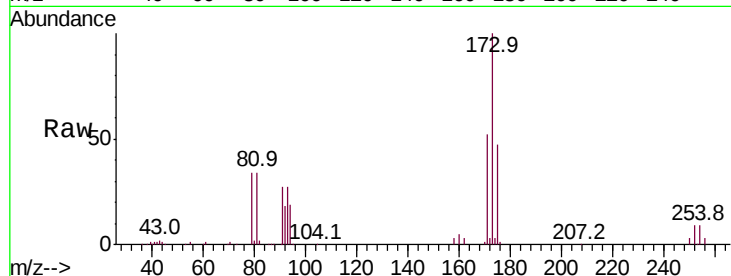
Tot Ion:173 Resp: 122726

Ion Ratio Lower Upper

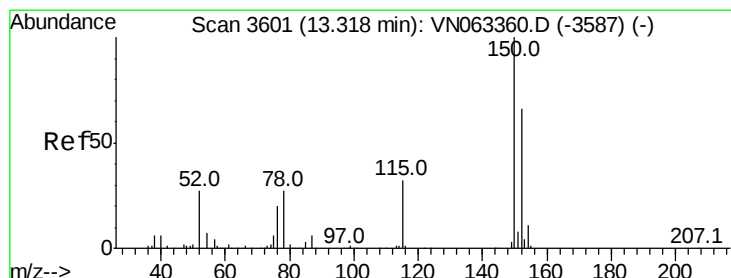
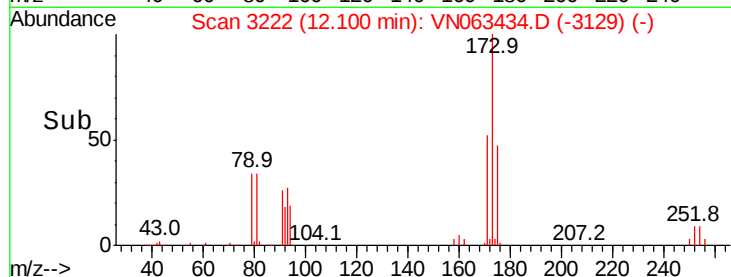
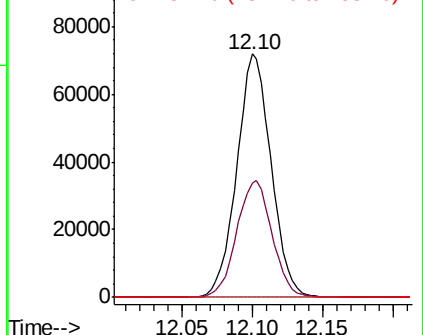
173 100

175 49.4 24.0 72.0

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

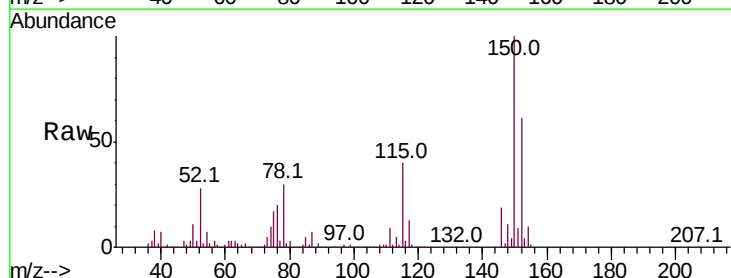
Tgt Ion:152 Resp: 207167

Ion Ratio Lower Upper

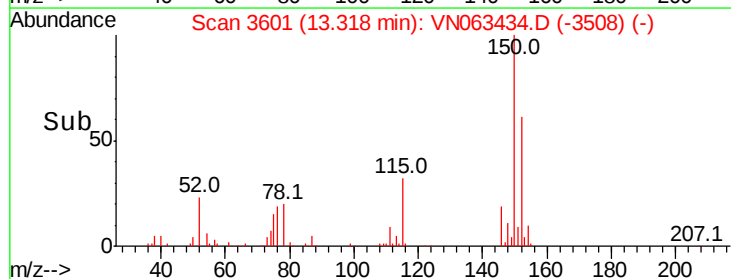
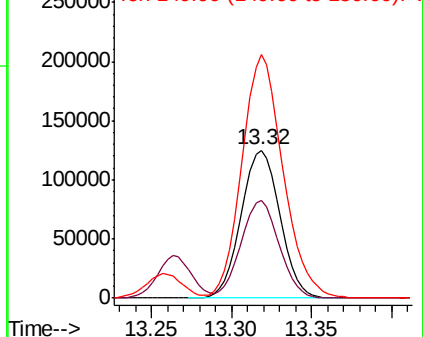
152 100

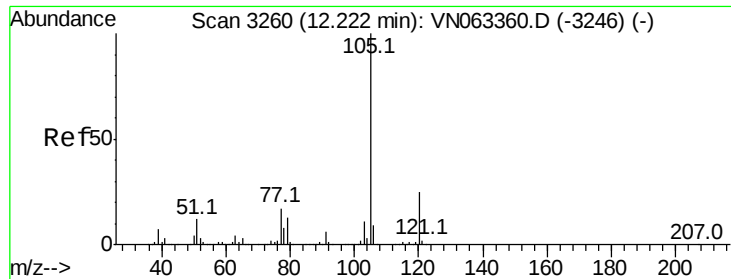
115 64.8 32.2 96.6

150 174.2 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.811 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

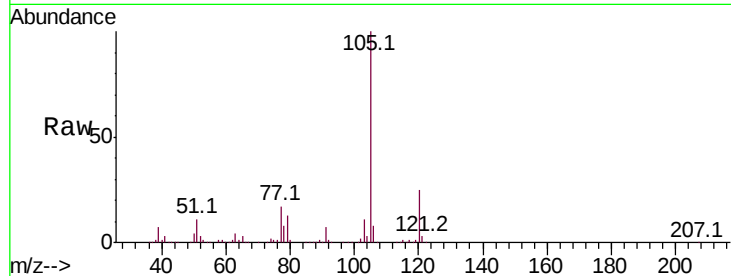
VSTDCCC050

Tot Ion:105 Resp: 810315

Ion Ratio Lower Upper

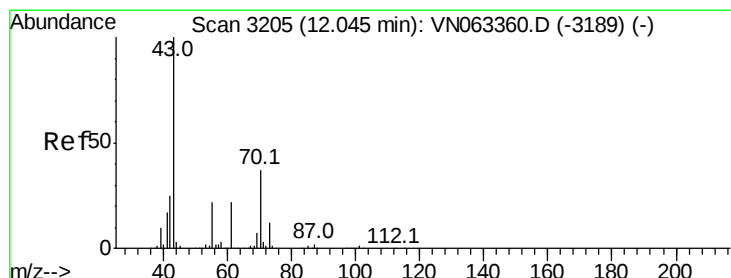
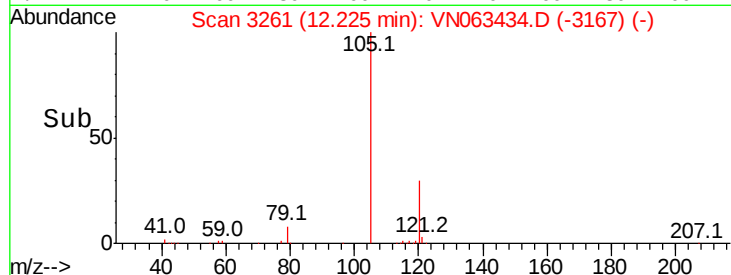
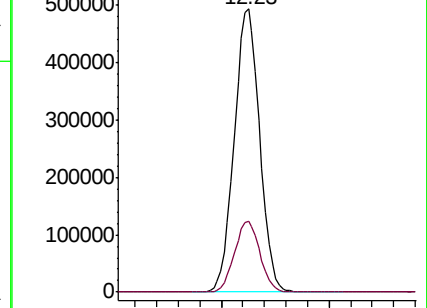
105 100

120 25.1 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.817 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Tgt Ion: 43 Resp: 367912

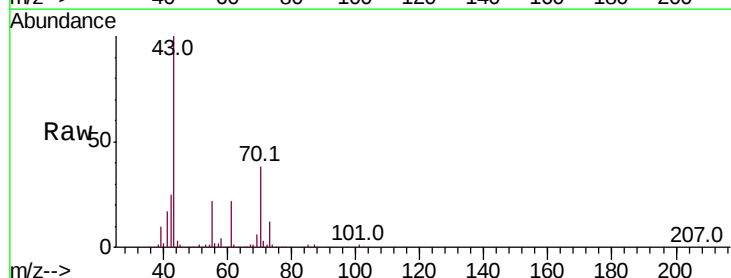
Ion Ratio Lower Upper

43 100

70 38.2 29.6 44.4

55 22.9 17.7 26.5

61 22.1 17.4 26.2

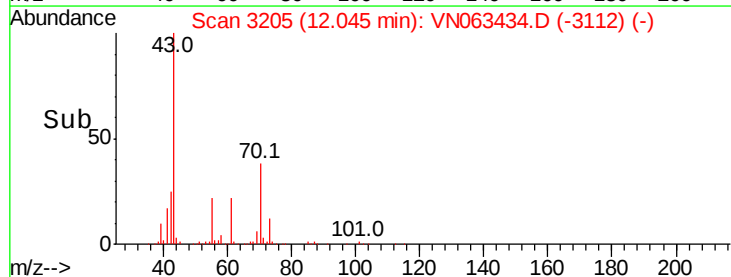
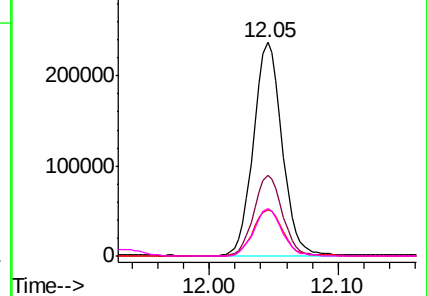


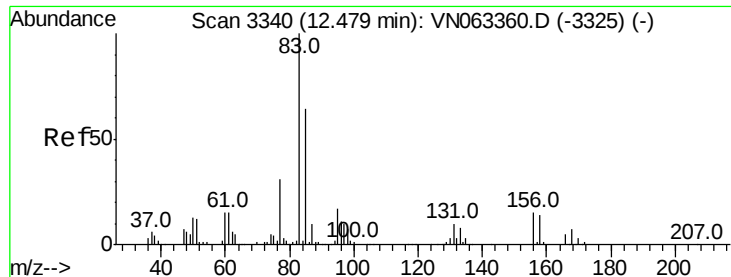
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.321 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

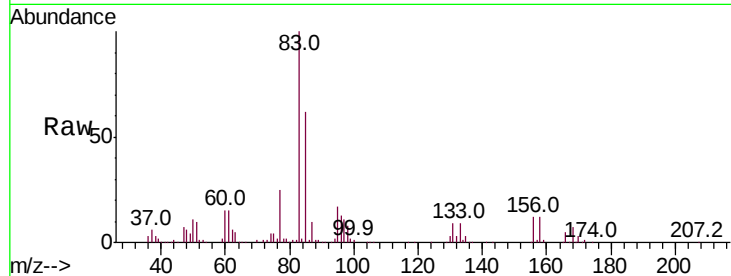
Tot Ion: 83 Resp: 243244

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

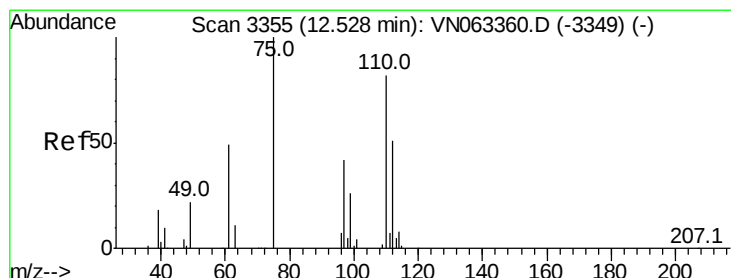
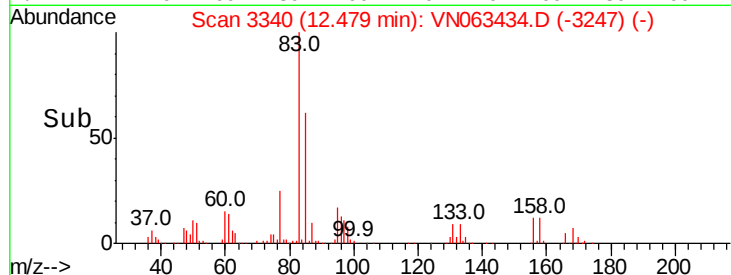
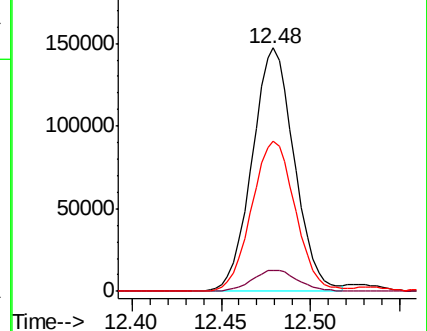
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 65.546 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063434.D

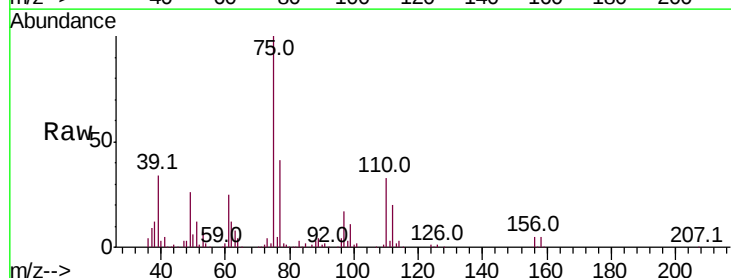
Acq: 17 Sep 2020 21:35

Tgt Ion: 75 Resp: 336097

Ion Ratio Lower Upper

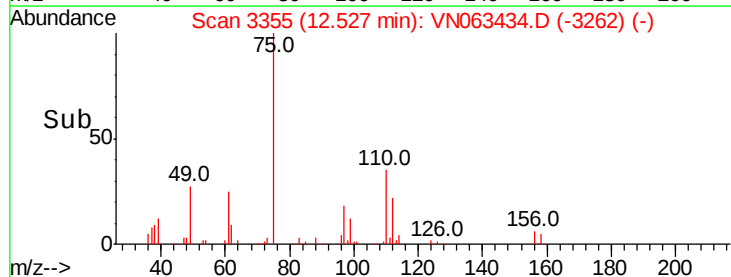
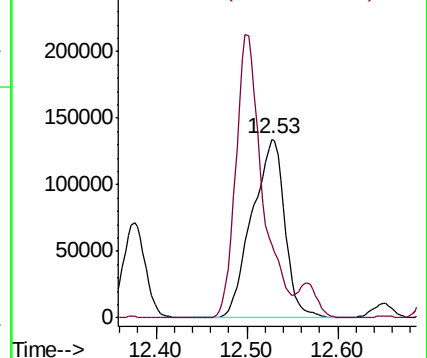
75 100

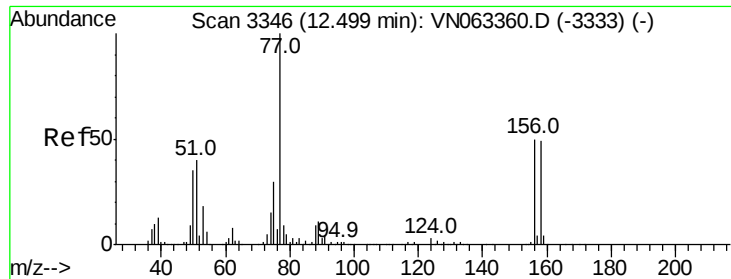
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 49.519 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

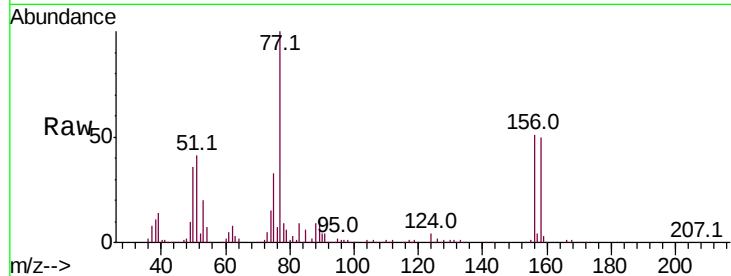
Tot Ion:156 Resp: 184919

Ion Ratio Lower Upper

156 100

77 233.9 120.2 360.6

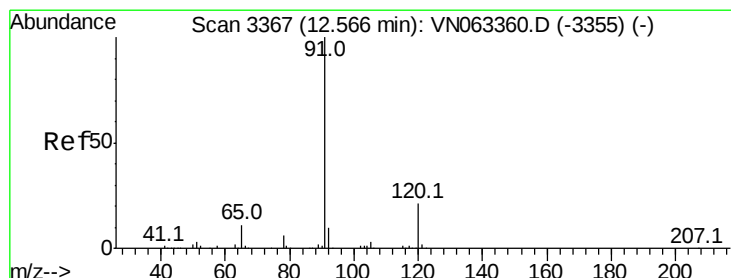
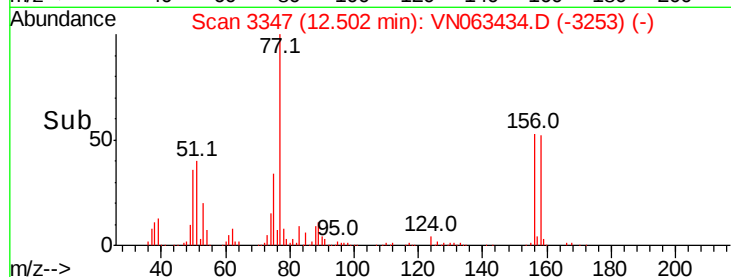
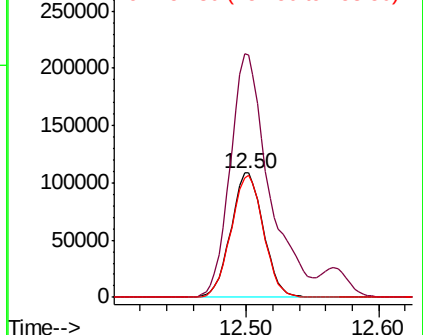
158 97.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.735 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063434.D

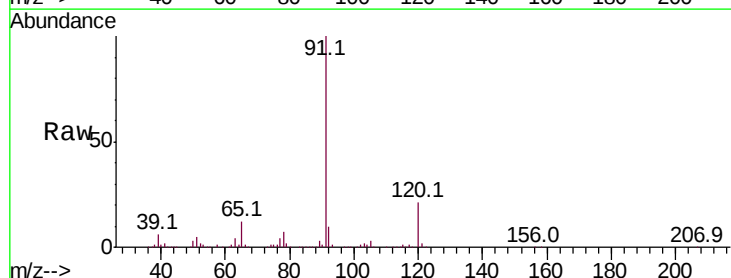
Acq: 17 Sep 2020 21:35

Tgt Ion: 91 Resp: 942327

Ion Ratio Lower Upper

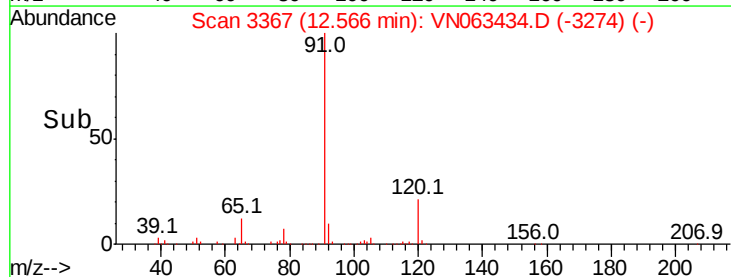
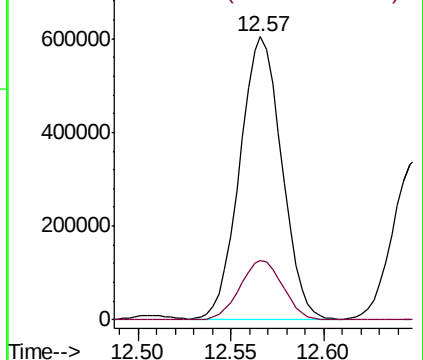
91 100

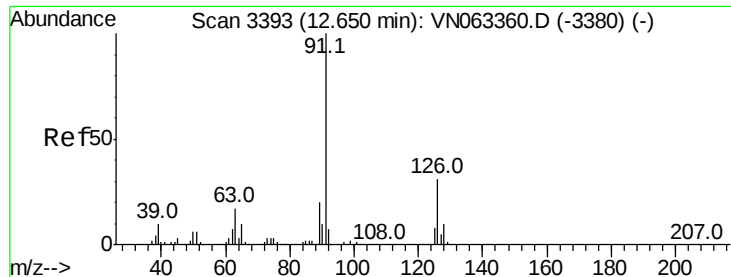
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.649 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

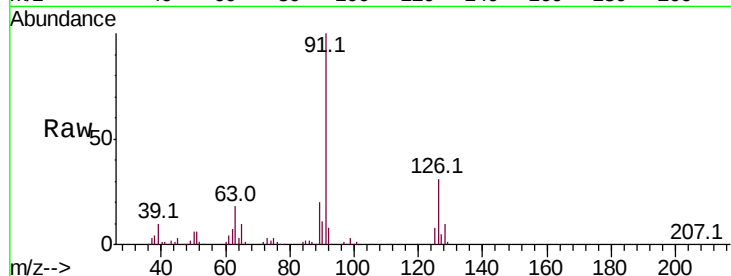
VSTDCCC050

Tot Ion: 91 Resp: 563878

Ion Ratio Lower Upper

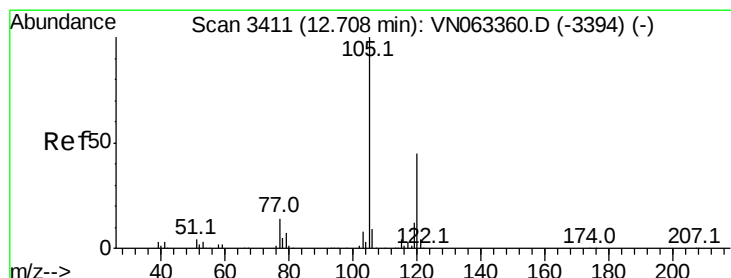
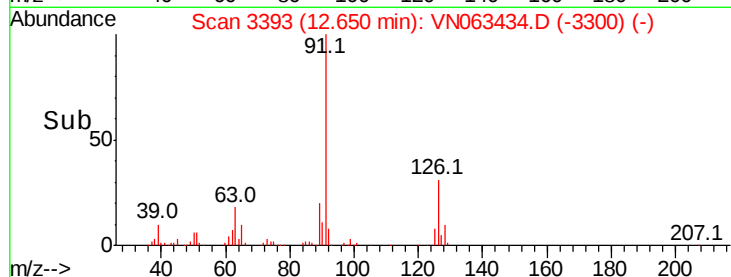
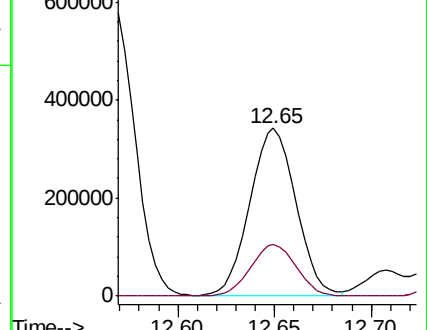
91 100

126 31.0 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.663 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063434.D

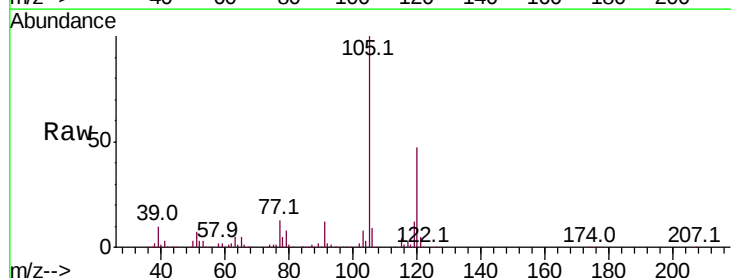
Acq: 17 Sep 2020 21:35

Tgt Ion:105 Resp: 687498

Ion Ratio Lower Upper

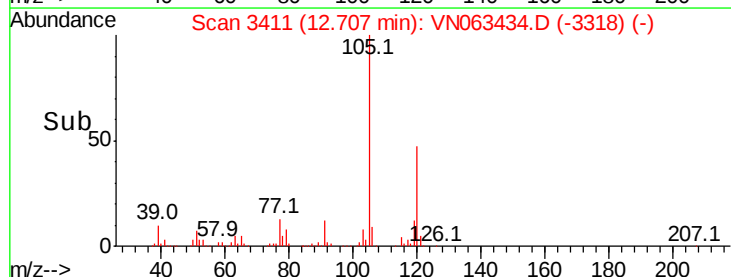
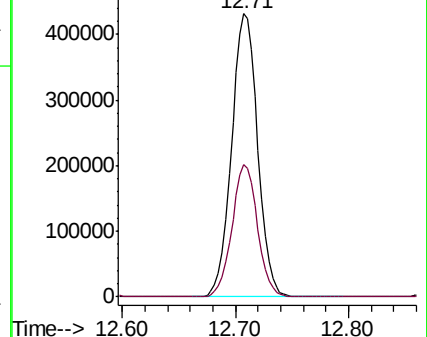
105 100

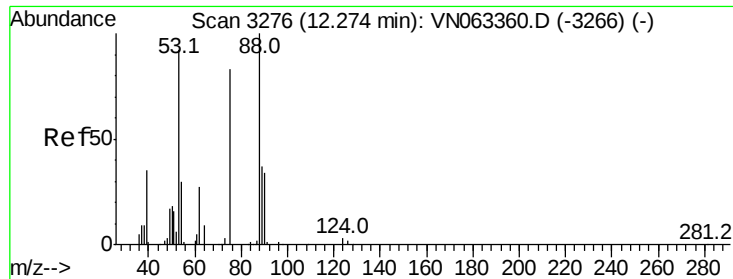
120 45.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.258 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

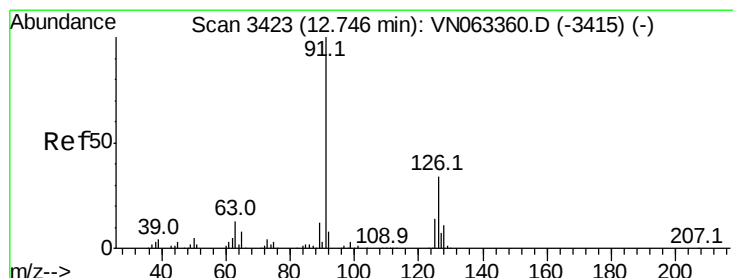
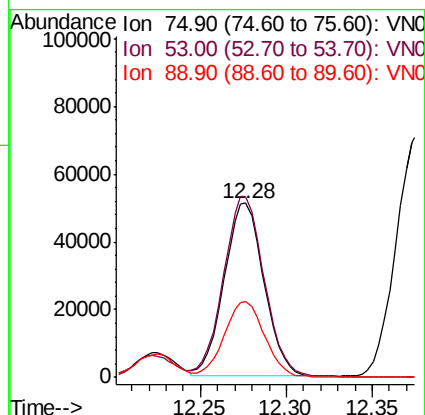
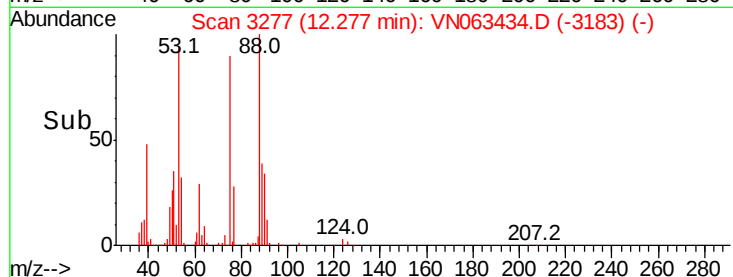
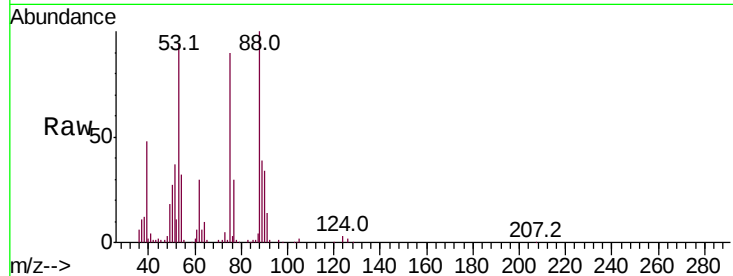
Tot Ion: 75 Resp: 82776

Ion Ratio Lower Upper

75 100

53 108.0 85.7 128.5

89 44.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 48.197 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063434.D

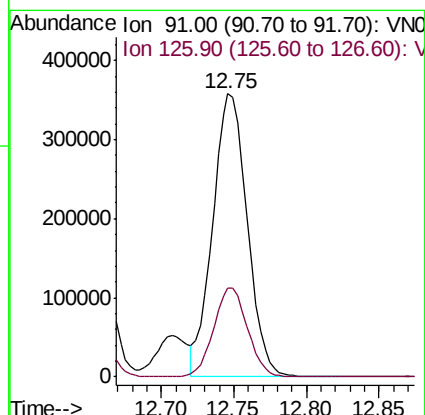
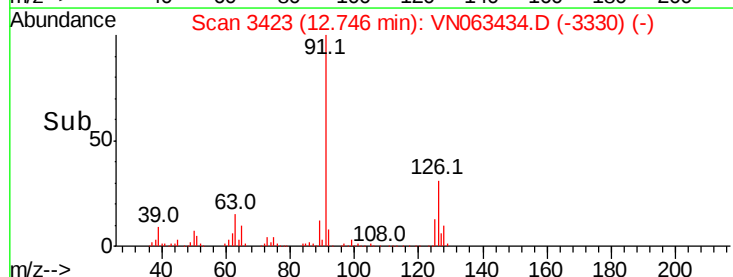
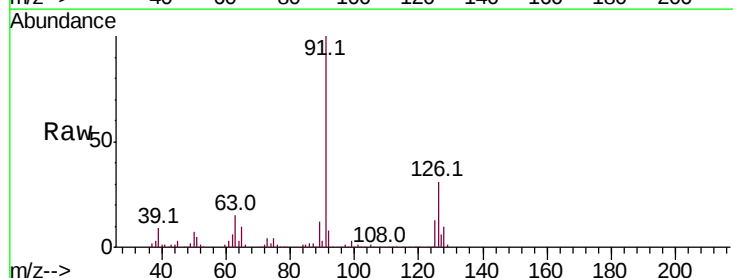
Acq: 17 Sep 2020 21:35

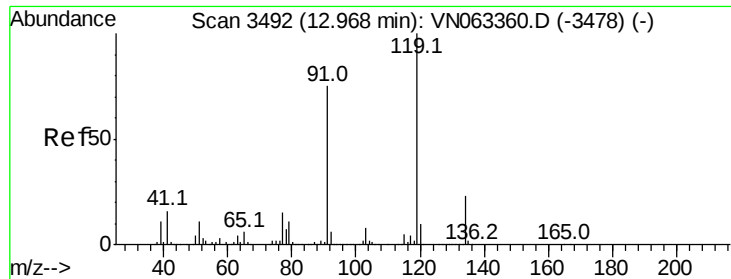
Tgt Ion: 91 Resp: 590245

Ion Ratio Lower Upper

91 100

126 31.2 15.5 46.5





#83

tert-Butylbenzene

Concen: 48.898 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

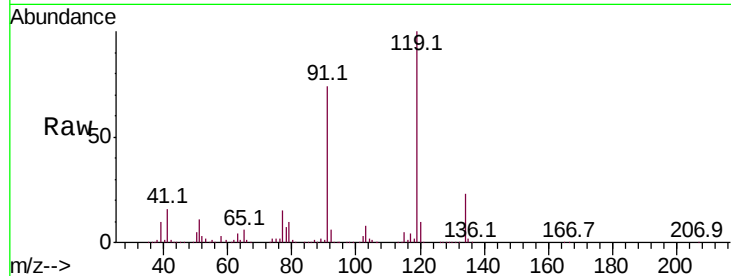
Tot Ion:119 Resp: 558681

Ion Ratio Lower Upper

119 100

91 72.4 36.3 108.9

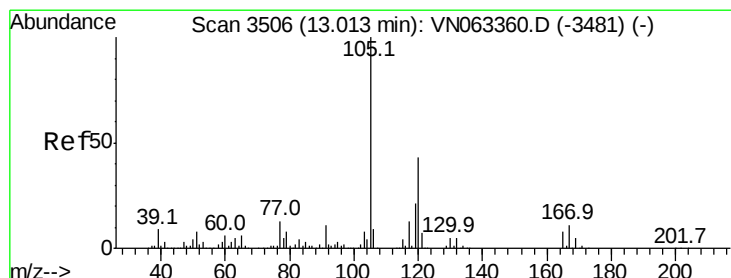
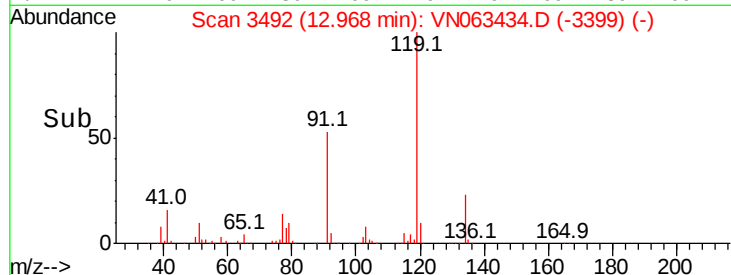
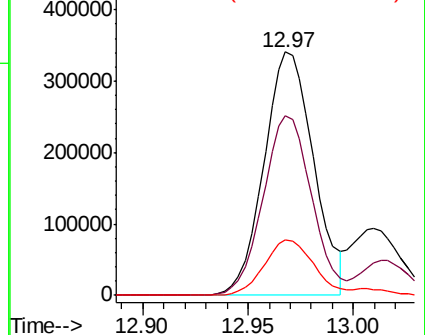
134 23.0 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.811 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063434.D

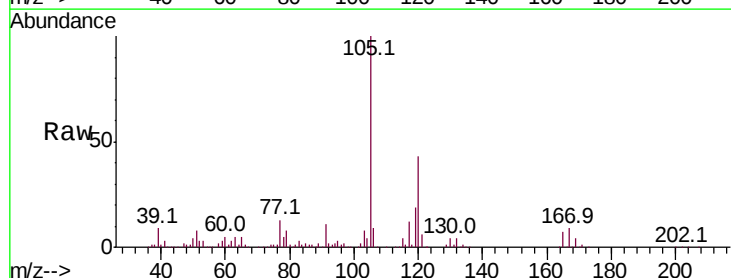
Acq: 17 Sep 2020 21:35

Tgt Ion:105 Resp: 696494

Ion Ratio Lower Upper

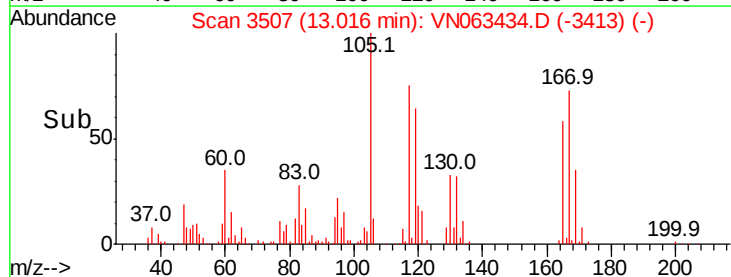
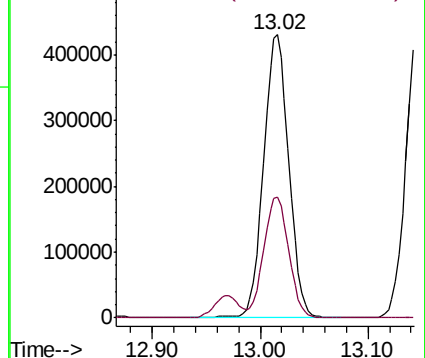
105 100

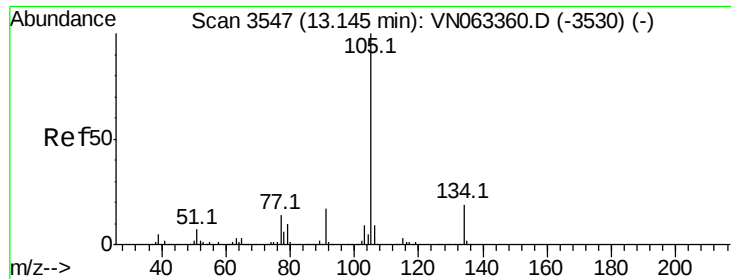
120 42.4 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.918 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

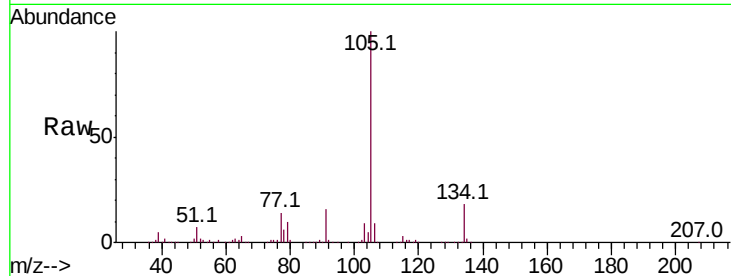
VSTDCCC050

Tot Ion:105 Resp: 748129

Ion Ratio Lower Upper

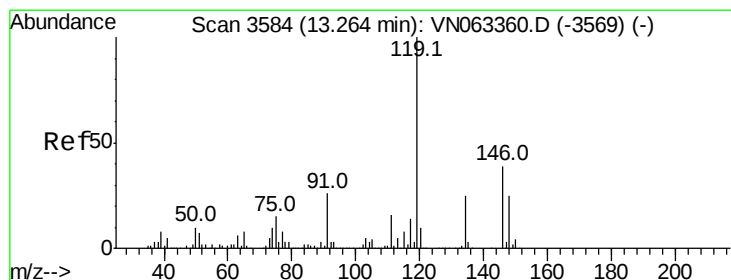
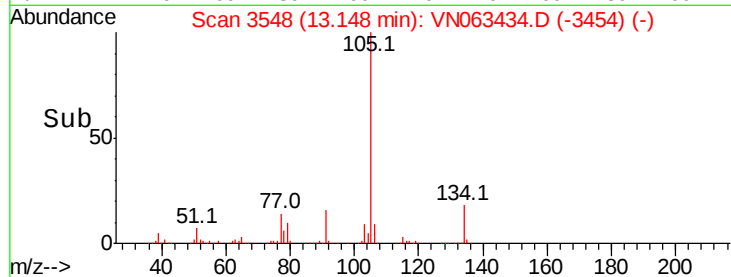
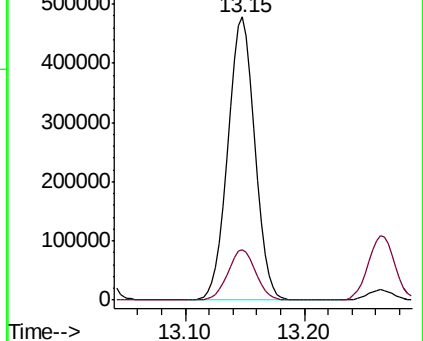
105 100

134 18.3 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.681 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

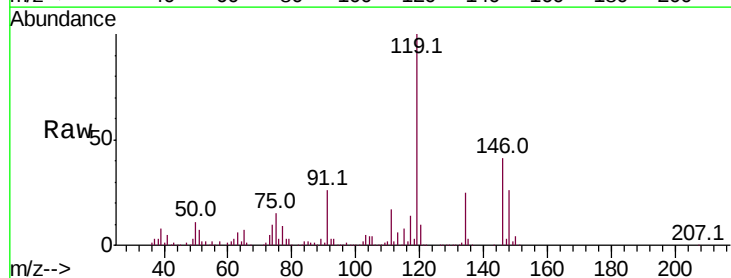
Tgt Ion:119 Resp: 670164

Ion Ratio Lower Upper

119 100

134 25.4 12.5 37.5

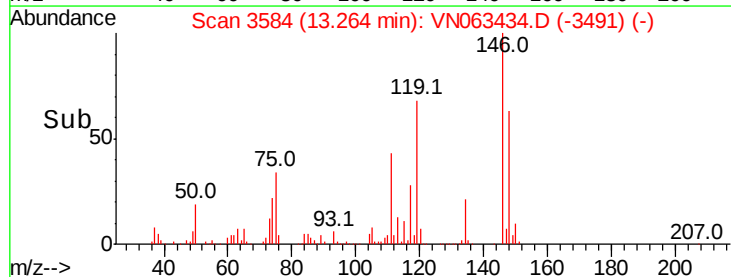
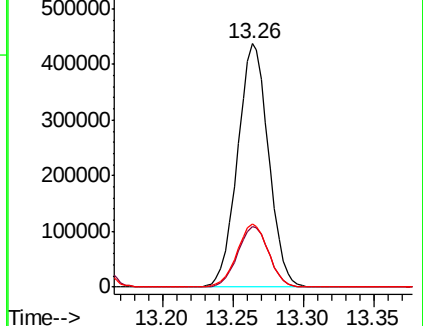
91 26.2 13.4 40.1

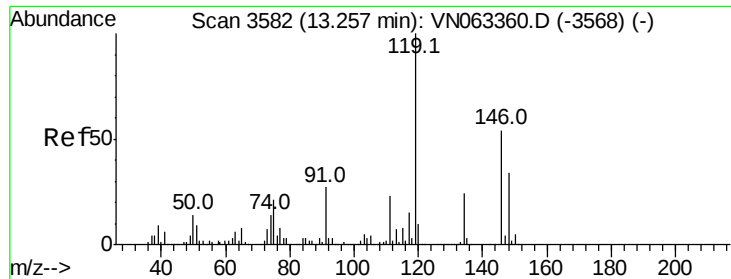


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.943 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

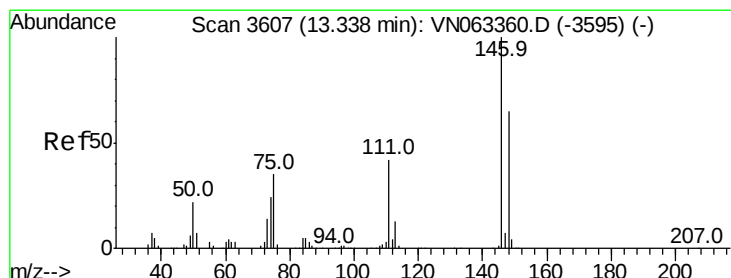
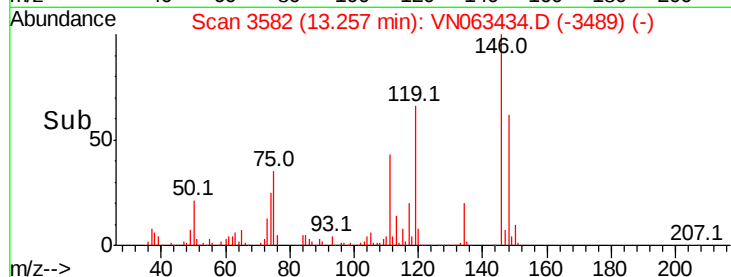
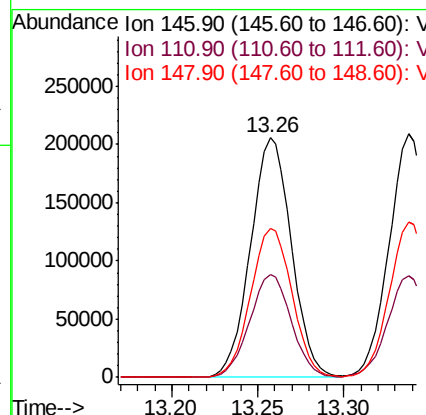
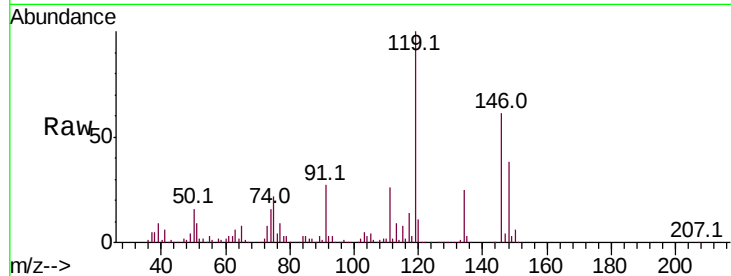
Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 338755

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.4	64.3
148	63.0	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 47.929 ug/l

RT: 13.34 min Scan# 3607

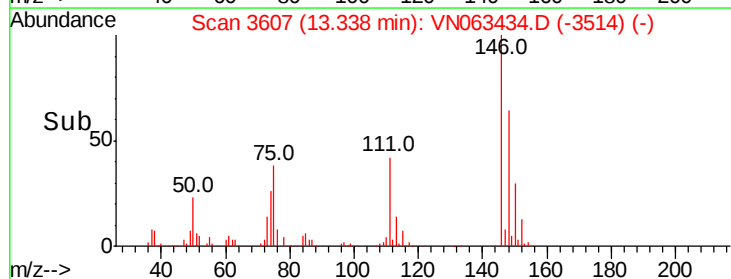
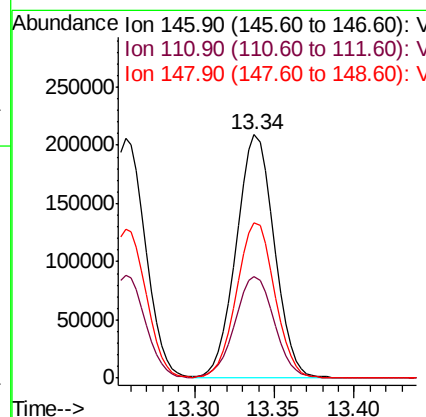
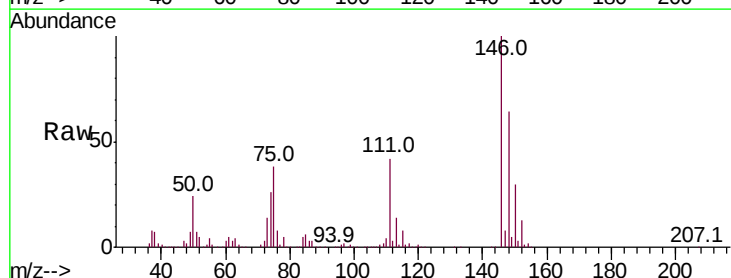
Delta R.T. -0.00 min

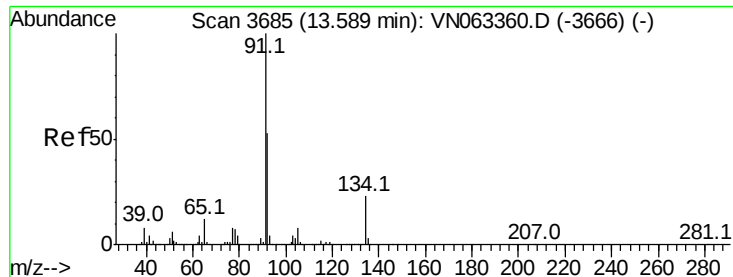
Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Tgt Ion:146 Resp: 337280

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	64.1	31.9	95.9

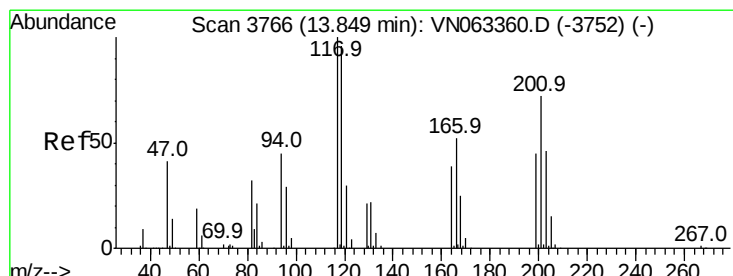
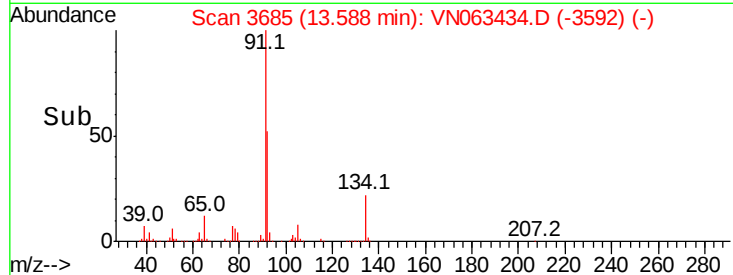
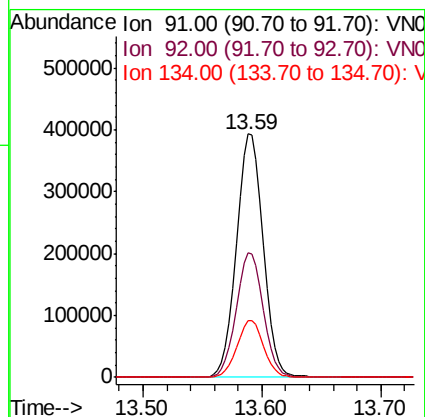
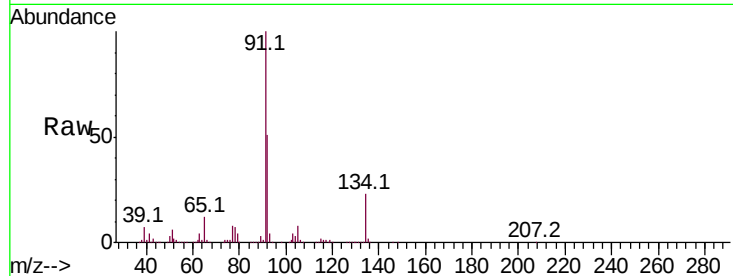




#89
n-Butylbenzene
Concen: 49.255 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

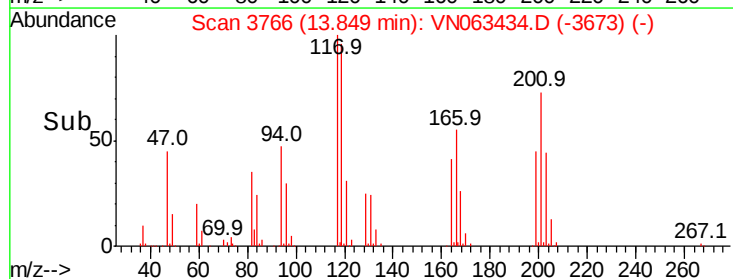
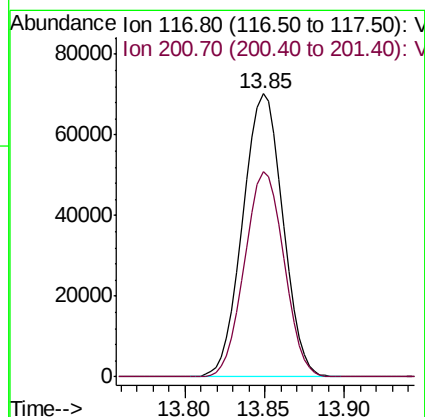
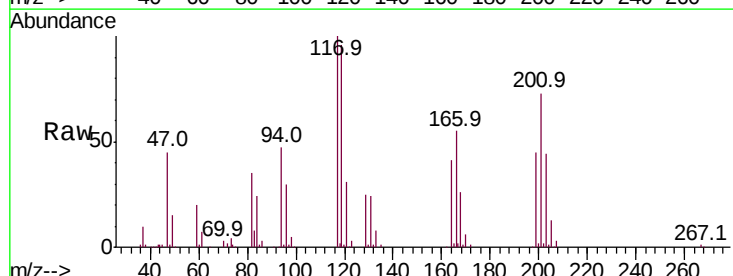
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

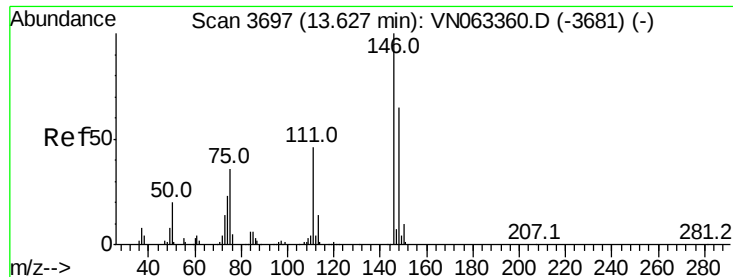
Tot Ion: 91 Resp: 612415
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 23.2 11.7 35.0



#90
Hexachloroethane
Concen: 46.677 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063434.D
Acq: 17 Sep 2020 21:35

Tgt Ion: 117 Resp: 119892
Ion Ratio Lower Upper
117 100
201 71.3 35.5 106.7

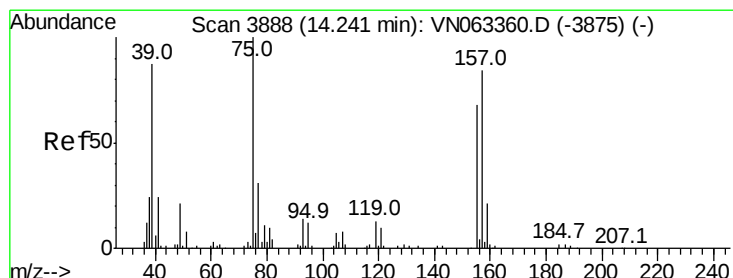
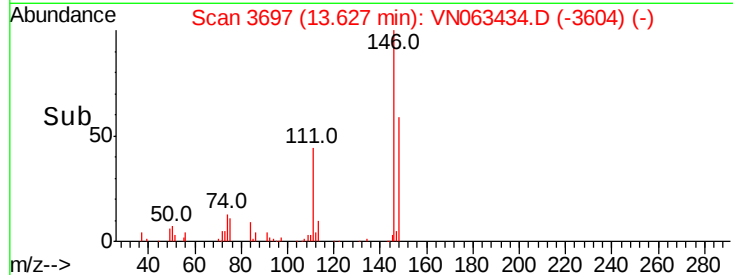
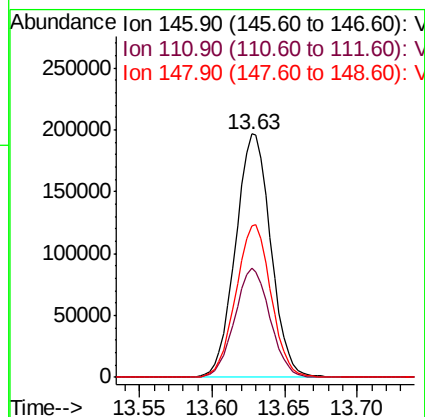
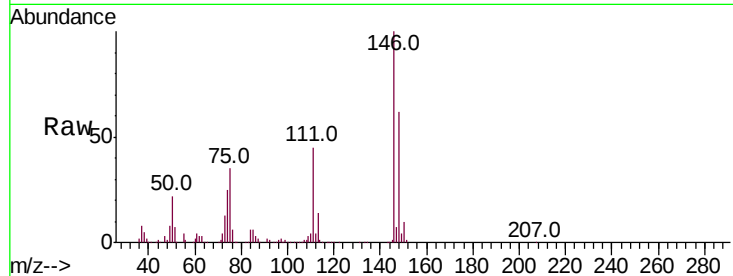




#91
 1,2-Dichlorobenzene
 Concen: 48.855 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

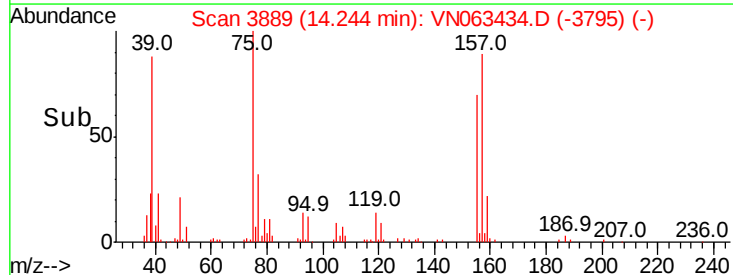
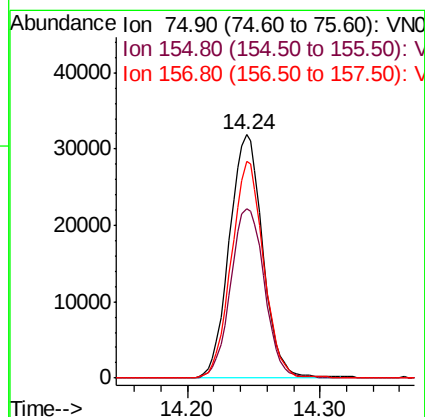
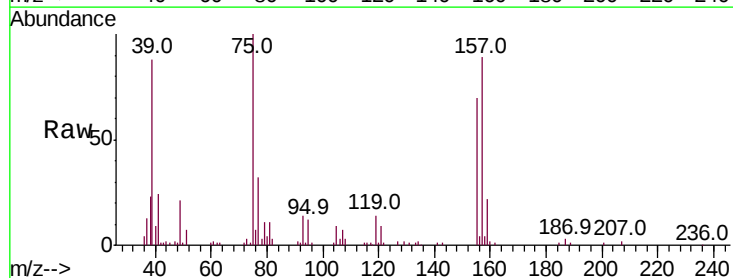
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

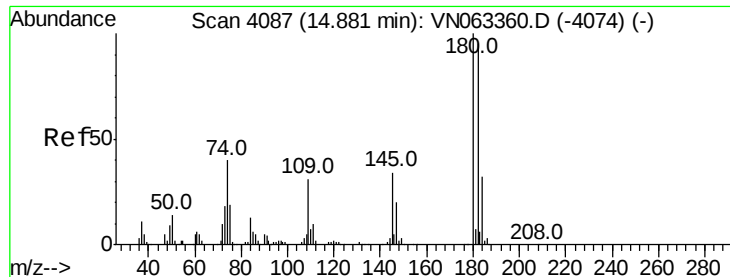
Tot Ion:	146	Resp:	331985
Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.4	67.2
148	62.7	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.609 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion:	75	Resp:	55827
Ion	Ratio	Lower	Upper
75	100		
155	70.2	34.6	103.9
157	85.5	43.7	131.1

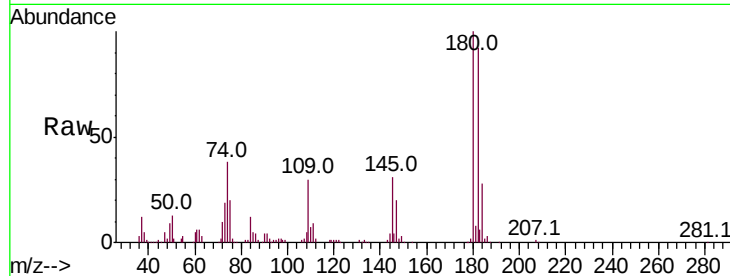




#93
 1,2,4-Trichlorobenzene
 Concen: 46.997 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	142.0
145	31.9	16.6	49.7

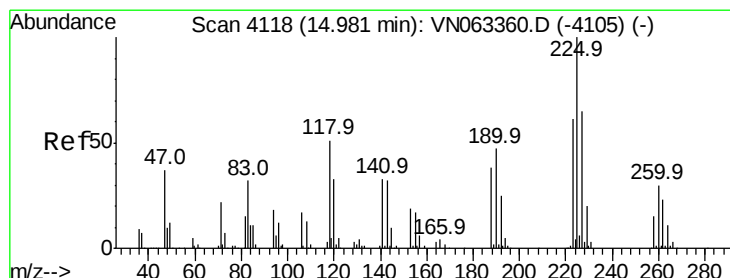
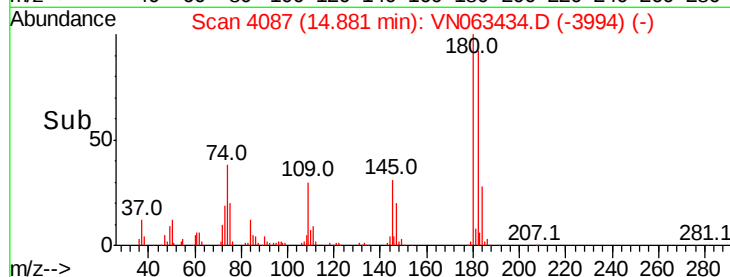
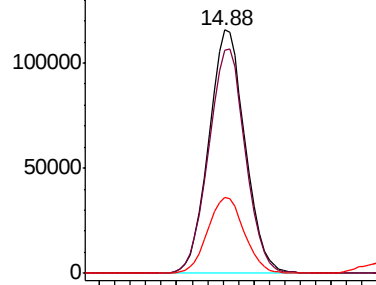


Abundance

Ion 179.80 (179.50 to 180.50): V

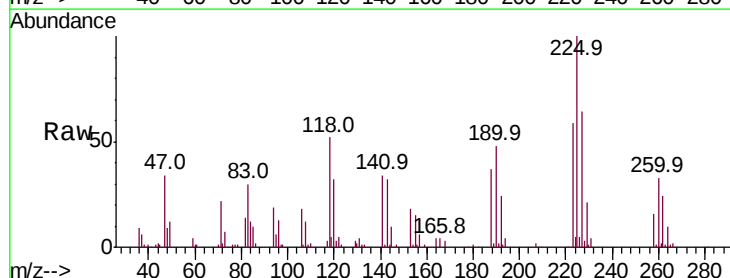
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.771 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063434.D
 Acq: 17 Sep 2020 21:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	30.6	91.6
227	63.3	31.2	93.6

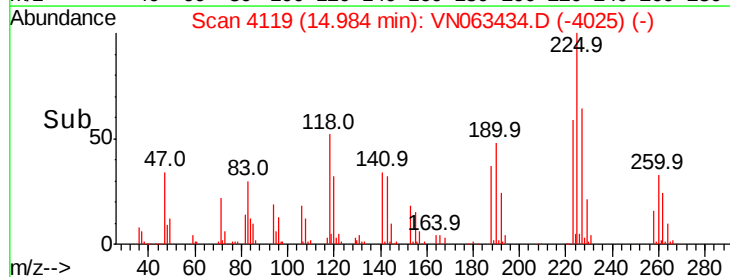
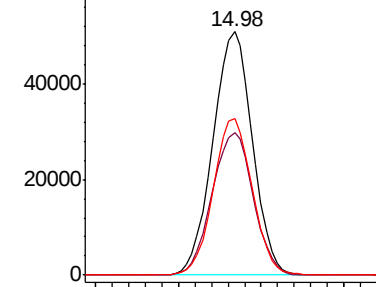


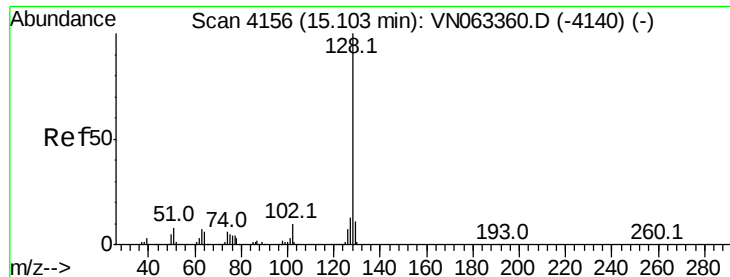
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.512 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

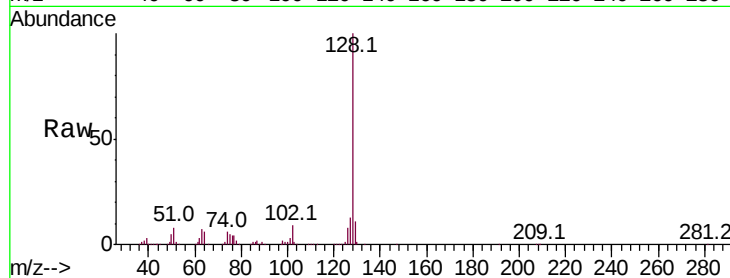
Tot Ion:128 Resp: 615596

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

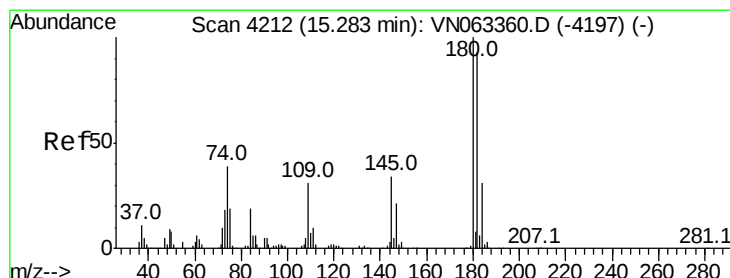
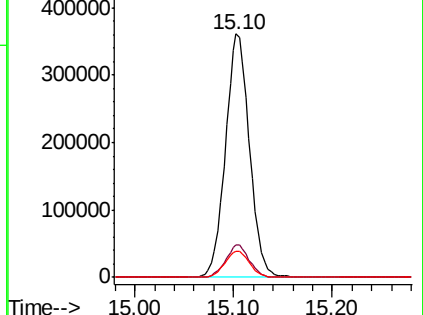
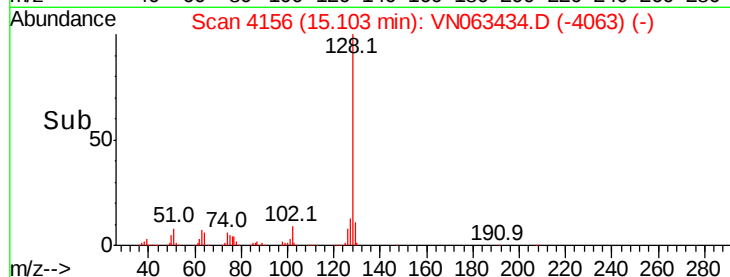
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.537 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063434.D

Acq: 17 Sep 2020 21:35

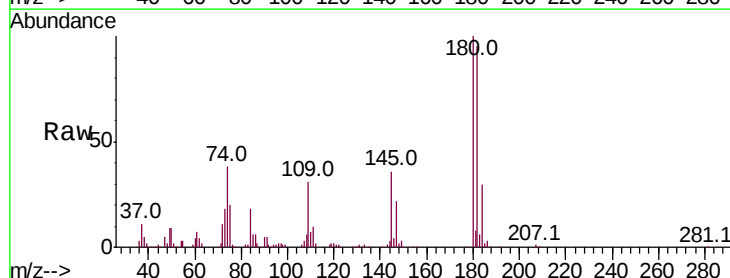
Tgt Ion:180 Resp: 180135

Ion Ratio Lower Upper

180 100

182 94.2 46.7 140.1

145 35.0 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

