

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063473.D
 Acq On : 18 Sep 2020 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 21 01:37:45 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	296891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	522162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	484307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	231698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	239269	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
35) Dibromofluoromethane	7.55	113	166953	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
50) Toluene-d8	10.06	98	646961	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.38	95	246501	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	158621	47.159	ug/l	97
3) Chloromethane	2.04	50	191538	43.046	ug/l	99
4) Vinyl Chloride	2.17	62	190859	48.414	ug/l	100
5) Bromomethane	2.53	94	114422	48.884	ug/l	97
6) Chloroethane	2.68	64	112584	46.524	ug/l	100
7) Trichlorofluoromethane	2.99	101	295189	50.187	ug/l	95
8) Diethyl Ether	3.38	74	107302	46.798	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	153504	46.407	ug/l	96
10) Methyl Iodide	3.91	142	216541	50.282	ug/l	100
11) Tert butyl alcohol	4.72	59	69645	99.473	ug/l #	69
12) 1,1-Dichloroethene	3.70	96	154849	46.218	ug/l	97
13) Acrolein	3.57	56	76733	295.739	ug/l	99
14) Allyl chloride	4.28	41	274200	41.375	ug/l	91
15) Acrylonitrile	4.93	53	400580	224.928	ug/l	100
16) Acetone	3.77	43	355255	218.722	ug/l	96
17) Carbon Disulfide	4.02	76	423879	43.495	ug/l	100
18) Methyl Acetate	4.28	43	194783	47.239	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	576499	46.168	ug/l	98
20) Methylene Chloride	4.51	84	187579	45.582	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	170246	45.864	ug/l	94
22) Diisopropyl ether	5.90	45	622876	46.085	ug/l	99
23) Vinyl Acetate	5.84	43	2567668	231.318	ug/l	99
24) 1,1-Dichloroethane	5.80	63	345595	46.834	ug/l	100
25) 2-Butanone	6.78	43	544550	217.992	ug/l	99
26) 2,2-Dichloropropane	6.78	77	257938	39.702	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	199146	47.399	ug/l	99
28) Bromochloromethane	7.15	49	159125	46.704	ug/l	96
29) Tetrahydrofuran	7.17	42	373103	218.688	ug/l	99
30) Chloroform	7.33	83	353258	47.716	ug/l	100
31) Cyclohexane	7.61	56	297220	42.582	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	315040	47.844	ug/l	98
36) 1,1-Dichloropropene	7.76	75	258702	46.505	ug/l	100
37) Ethyl Acetate	6.88	43	241340	44.204	ug/l	98
38) Carbon Tetrachloride	7.74	117	269595	47.475	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	271950	45.043	ug/l	98
40) Benzene	8.00	78	751177	47.303	ug/l	100
41) Methacrylonitrile	7.12	41	108679	44.258	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	304353	47.658	ug/l	99
43) Isopropyl Acetate	8.13	43	431036	44.152	ug/l #	89
44) Trichloroethene	8.80	130	187069	48.569	ug/l	99
45) 1,2-Dichloropropane	9.08	63	204712	47.332	ug/l	99
46) Dibromomethane	9.18	93	135015	47.496	ug/l	100
47) Bromodichloromethane	9.37	83	283262	47.965	ug/l	99
48) Methyl methacrylate	9.17	41	213058	44.420	ug/l	96
49) 1,4-Dioxane	9.17	88	54784	795.914	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	1242201	227.283	ug/l	99
52) Toluene	10.13	92	485283	50.828	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	307827	46.691	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	327666	47.118	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	182831	48.210	ug/l	99
56) Ethyl methacrylate	10.40	69	283324	47.856	ug/l	99
57) 1,3-Dichloropropane	10.68	76	317090	46.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	707553	227.825	ug/l	97
59) 2-Hexanone	10.72	43	893281	225.601	ug/l	99
60) Dibromochloromethane	10.87	129	205859	48.049	ug/l	99
61) 1,2-Dibromoethane	10.98	107	191463	48.595	ug/l	99
64) Tetrachloroethene	10.60	164	169200	51.307	ug/l	98
65) Chlorobenzene	11.41	112	487416	47.412	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	186099	49.383	ug/l	98
67) Ethyl Benzene	11.49	91	938098	48.455	ug/l	100
68) m/p-Xylenes	11.59	106	681035	97.565	ug/l	100
69) o-Xylene	11.92	106	331893	49.913	ug/l	98
70) Styrene	11.94	104	557126	49.962	ug/l	99
71) Bromoform	12.10	173	132729	47.278	ug/l #	99
73) Isopropylbenzene	12.23	105	900242	48.486	ug/l	100
74) N-amyl acetate	12.05	43	396704	45.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	258245	44.921	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	352120	61.400	ug/l #	100
77) Bromobenzene	12.50	156	210175	50.323	ug/l	93
78) n-propylbenzene	12.57	91	1042187	48.193	ug/l	100
79) 2-Chlorotoluene	12.65	91	622405	48.013	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	760186	49.100	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	88438	42.279	ug/l	99
82) 4-Chlorotoluene	12.75	91	654857	47.811	ug/l	99
83) tert-Butylbenzene	12.97	119	621678	48.651	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	757069	48.410	ug/l	99
85) sec-Butylbenzene	13.15	105	820894	47.993	ug/l	99
86) p-Isopropyltoluene	13.26	119	737228	48.867	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	374883	48.428	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	381883	48.522	ug/l	100
89) n-Butylbenzene	13.59	91	671127	48.262	ug/l	99
90) Hexachloroethane	13.85	117	130226	45.332	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	362255	47.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57406	41.934	ug/l	99

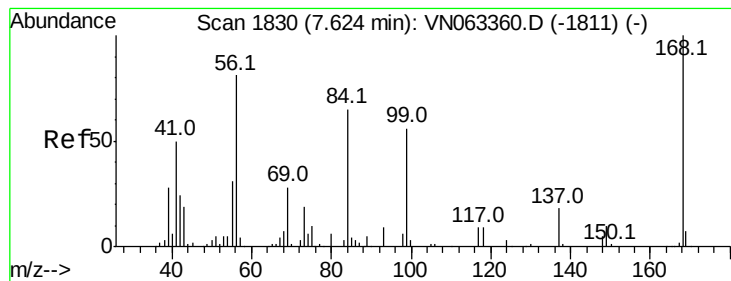
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	210552	46.993	ug/l	100
94) Hexachlorobutadiene	14.98	225	94049	50.704	ug/l	98
95) Naphthalene	15.10	128	679340	45.893	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	199834	46.161	ug/l	98

(#) = 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: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

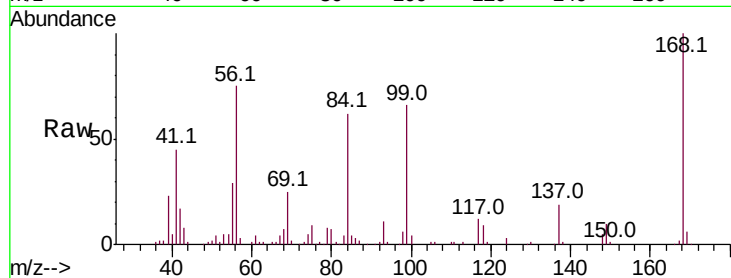
VSTDCCC050EC

Tot Ion:168 Resp: 296891

Ion Ratio Lower Upper

168 100

99 66.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

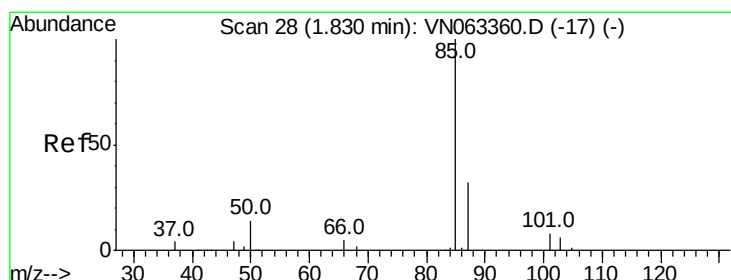
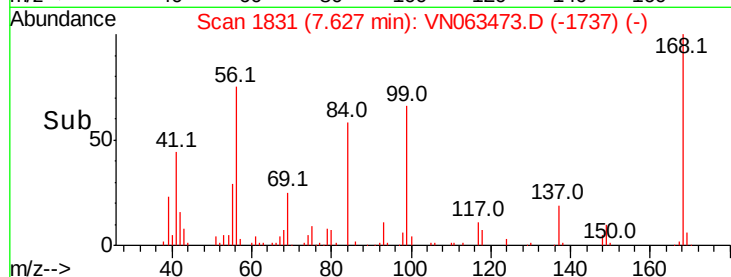
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.159 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063473.D

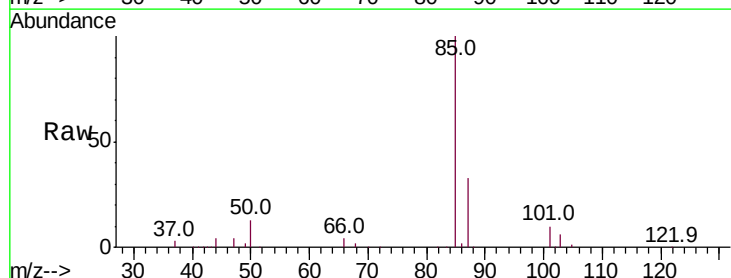
Acq: 18 Sep 2020 21:24

Tgt Ion: 85 Resp: 158621

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

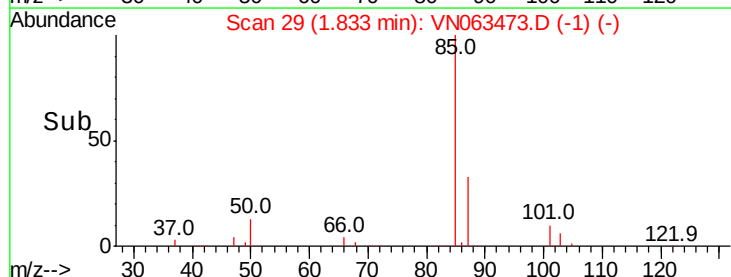
1.83

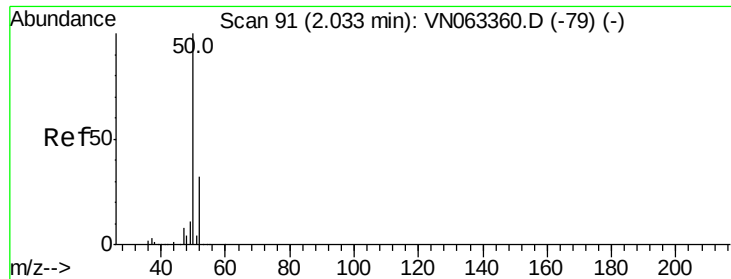
100000

50000

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Time-->

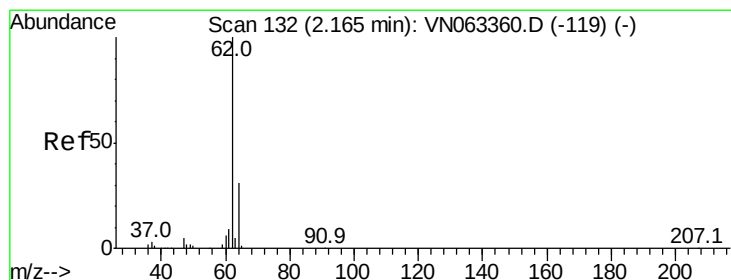
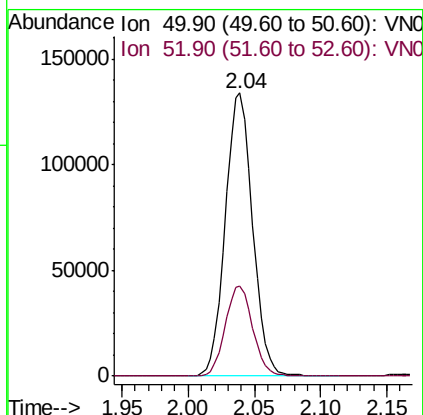
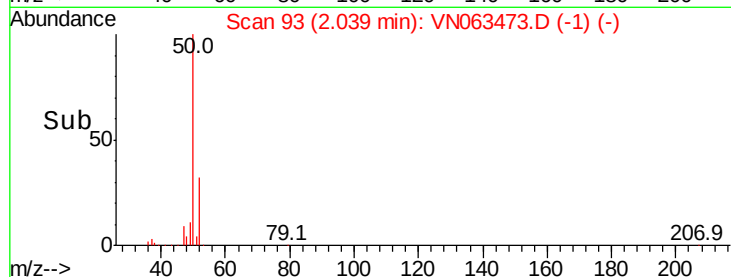
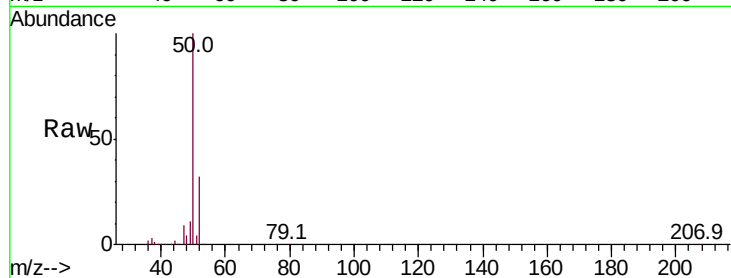




#3
Chloromethane
Concen: 43.046 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

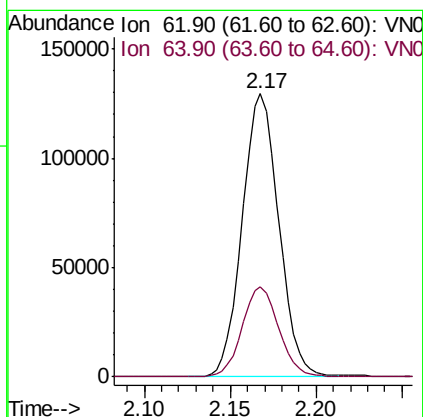
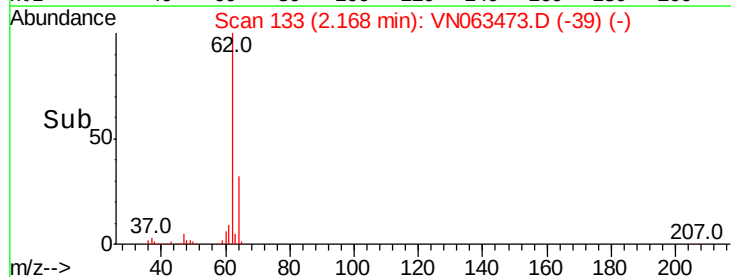
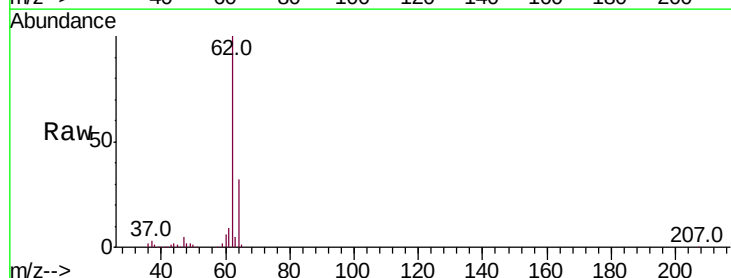
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

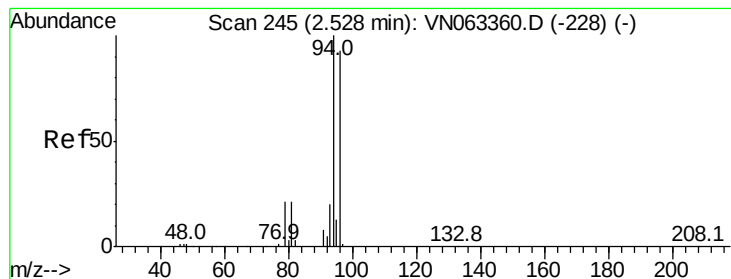
Tot Ion: 50 Resp: 191538
Ion Ratio Lower Upper
50 100
52 31.7 25.9 38.9



#4
Vinyl Chloride
Concen: 48.414 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 62 Resp: 190859
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7





#5

Bromomethane

Concen: 48.884 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

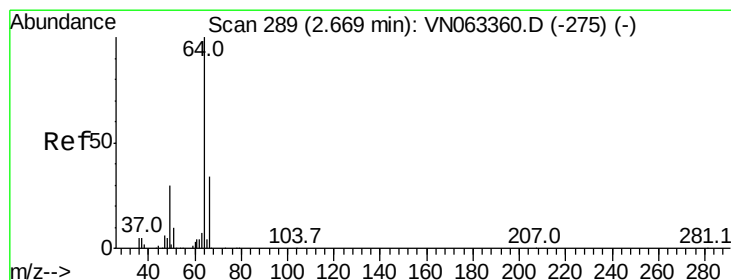
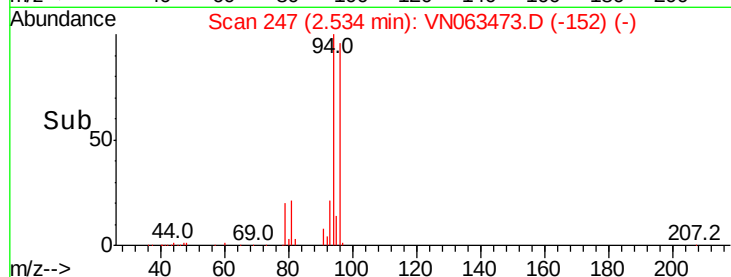
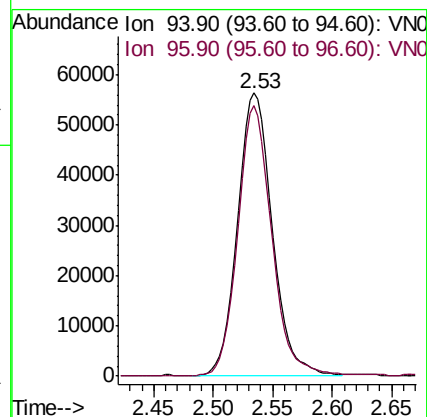
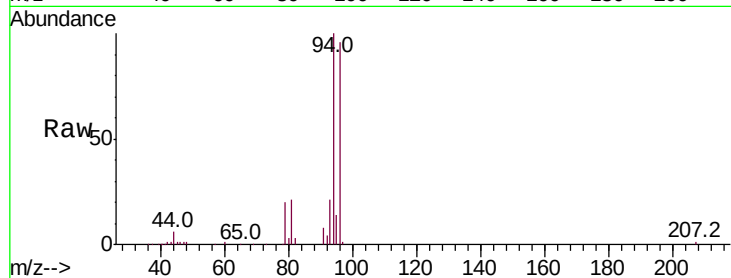
VSTDCCC050EC

Tot Ion: 94 Resp: 114422

Ion Ratio Lower Upper

94 100

96 95.5 74.5 111.7



#6

Chloroethane

Concen: 46.524 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063473.D

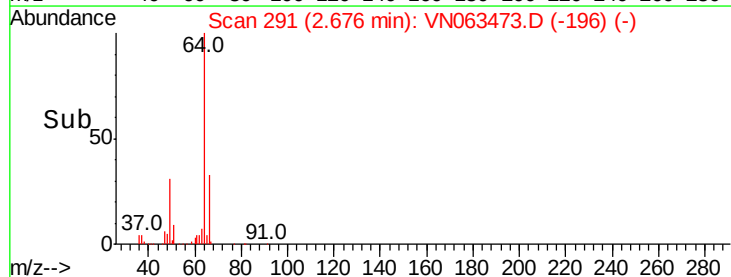
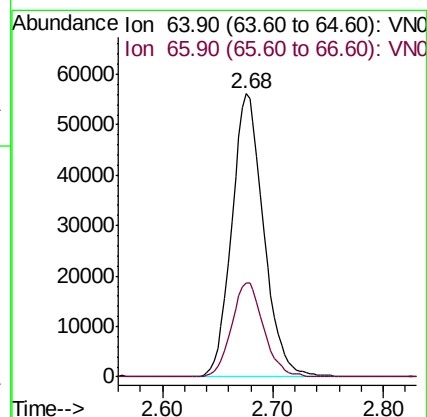
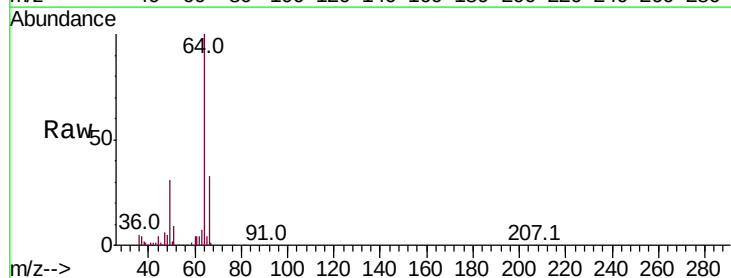
Acq: 18 Sep 2020 21:24

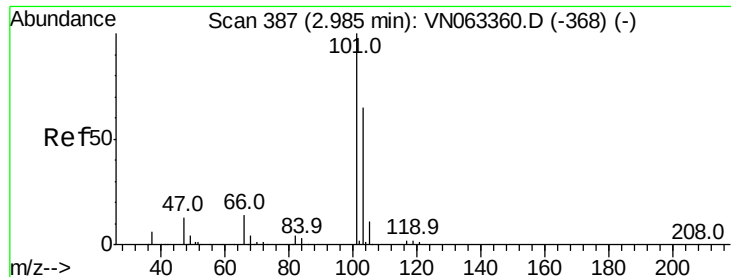
Tgt Ion: 64 Resp: 112584

Ion Ratio Lower Upper

64 100

66 33.4 26.9 40.3



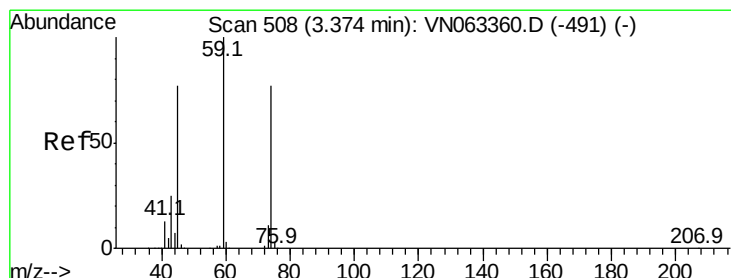
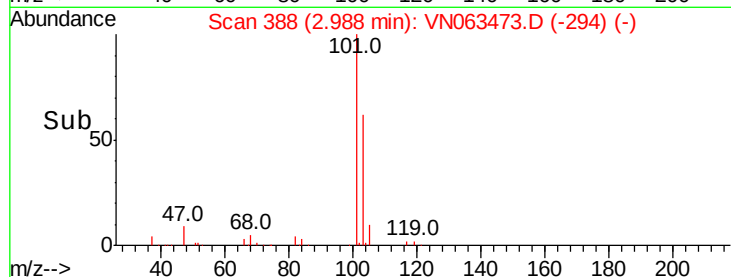
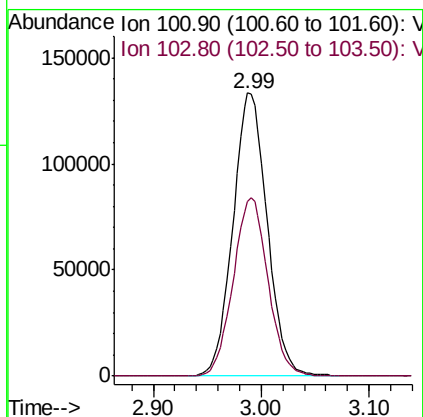
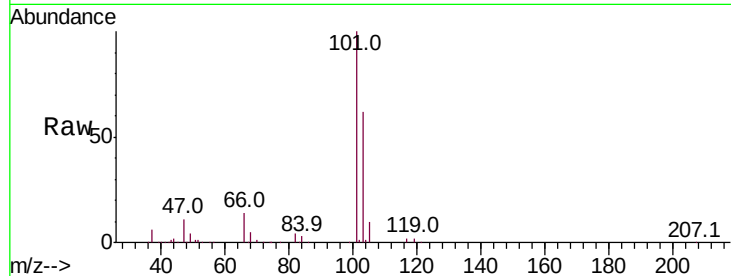


#7

Trichlorofluoromethane
Concen: 50.187 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

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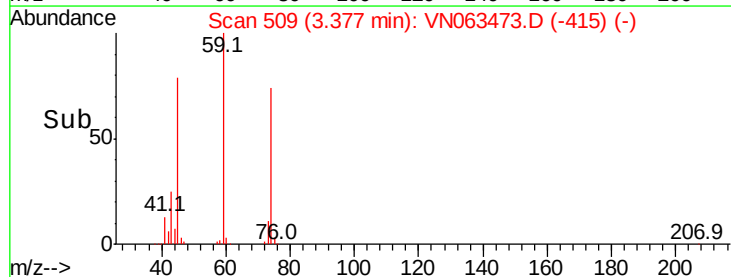
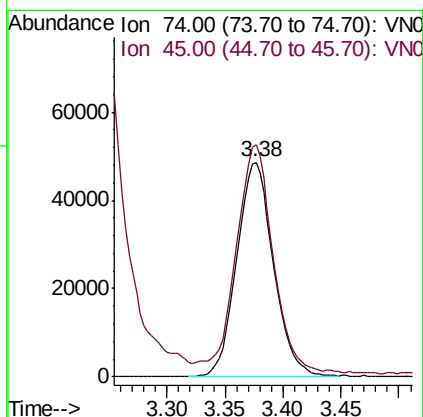
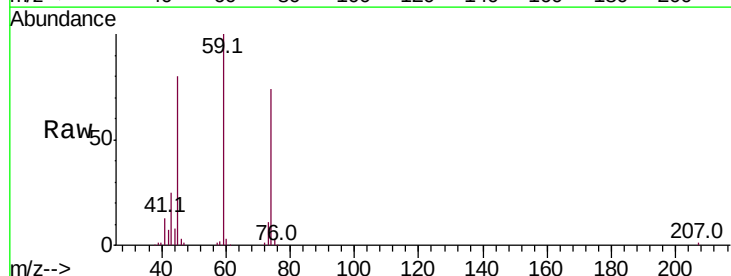
Tot Ion:101 Resp: 295189
Ion Ratio Lower Upper
101 100
103 61.5 52.3 78.5

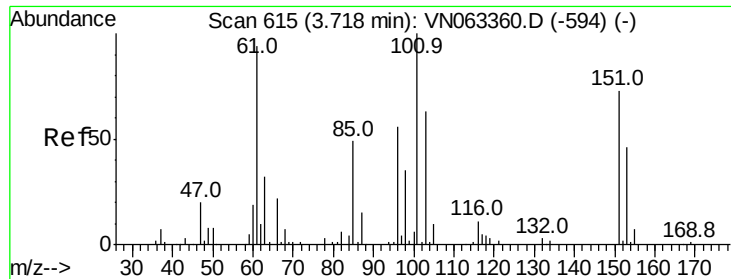


#8

Diethyl Ether
Concen: 46.798 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 74 Resp: 107302
Ion Ratio Lower Upper
74 100
45 103.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.407 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

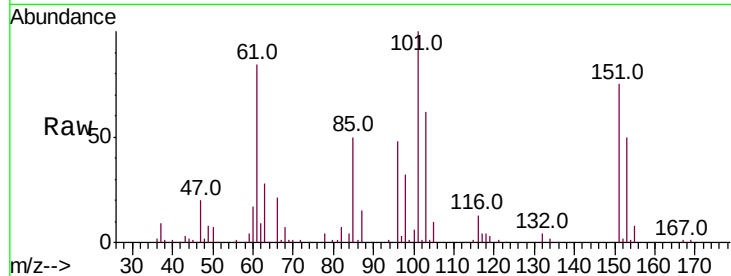
Tot Ion:101 Resp: 153504

Ion Ratio Lower Upper

101 100

85 49.6 37.7 56.5

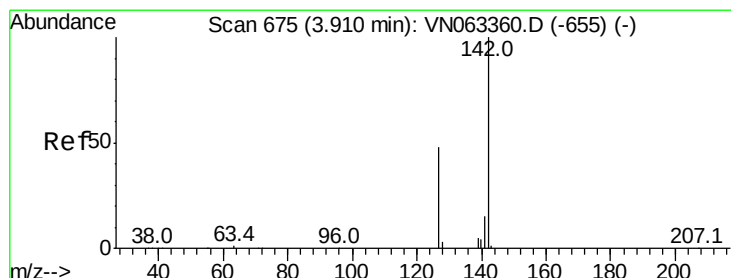
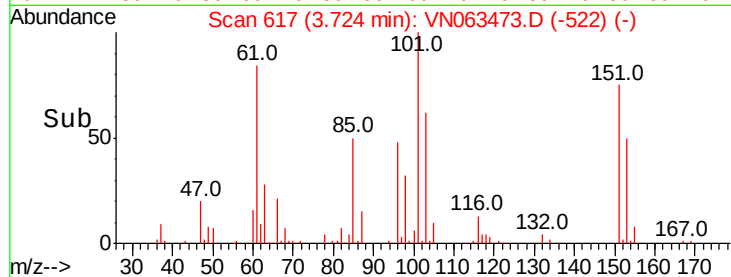
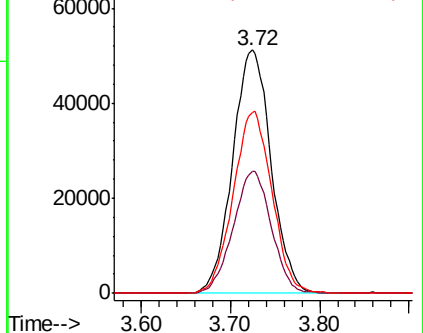
151 75.3 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.282 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

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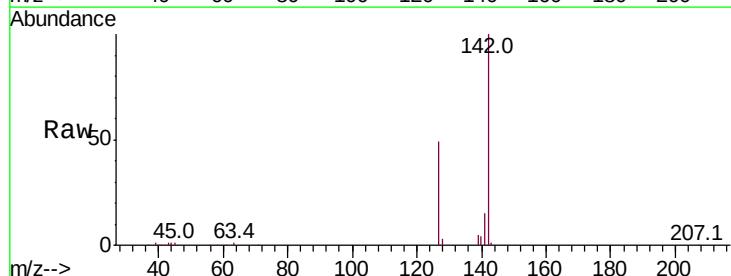
Tgt Ion:142 Resp: 216541

Ion Ratio Lower Upper

142 100

127 48.7 39.0 58.6

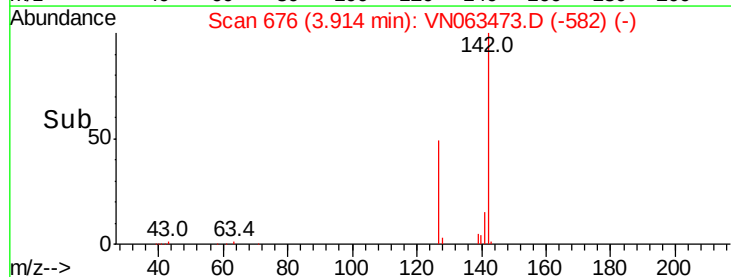
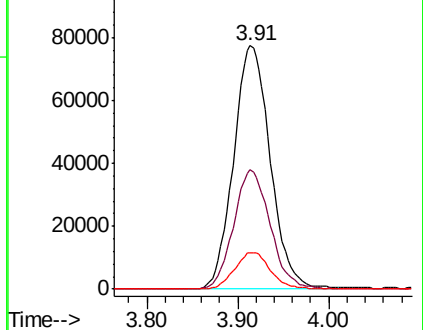
141 14.7 11.6 17.4

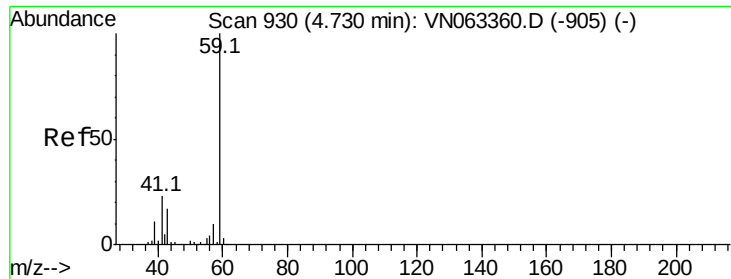


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

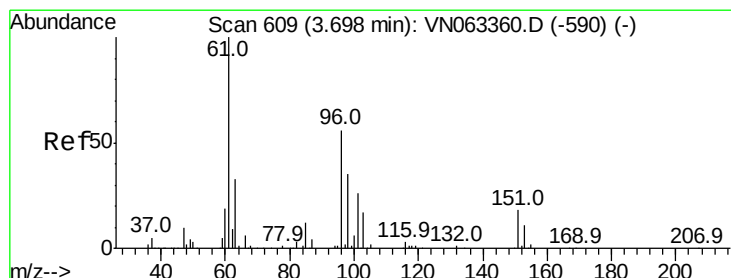
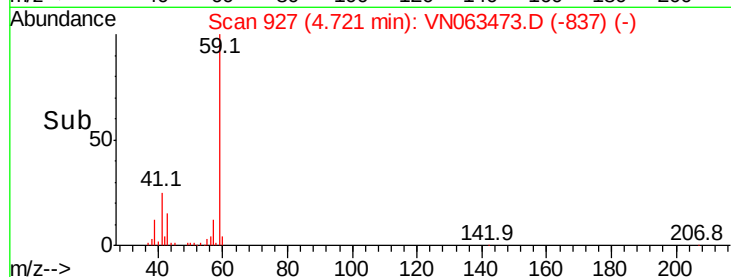
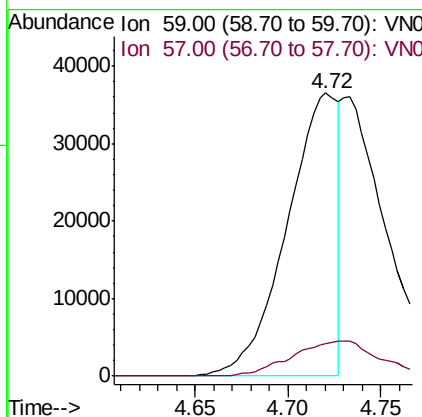
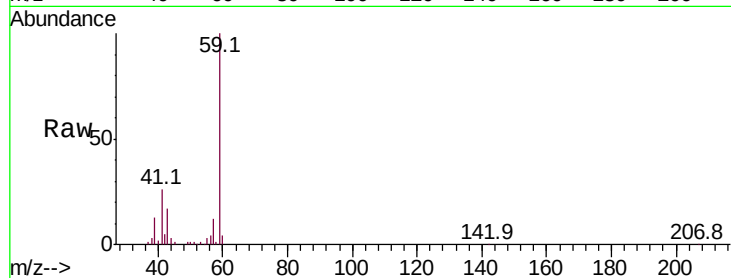




#11
Tert butyl alcohol
Concen: 99.473 ug/l
RT: 4.72 min Scan# 927
Delta R.T. -0.01 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

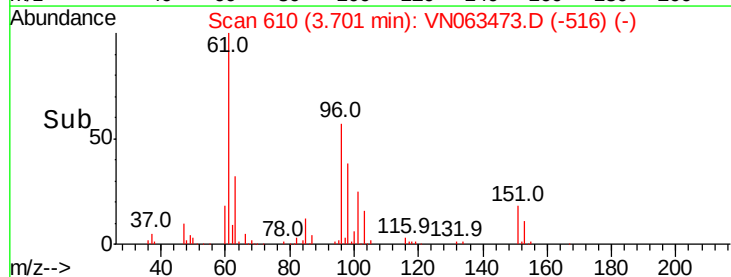
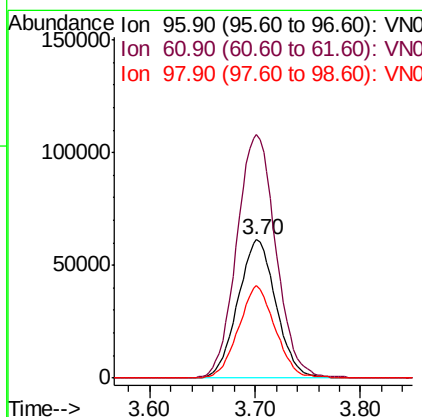
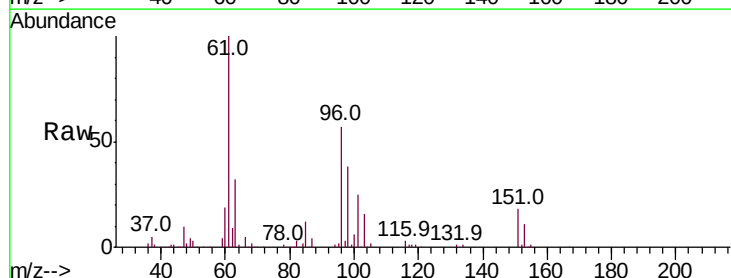
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

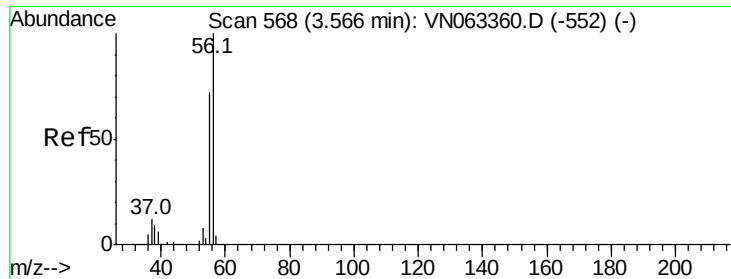
Tot Ion: 59 Resp: 69645
Ion Ratio Lower Upper
59 100
57 22.0 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 46.218 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 96 Resp: 154849
Ion Ratio Lower Upper
96 100
61 175.7 143.4 215.2
98 66.4 50.6 76.0

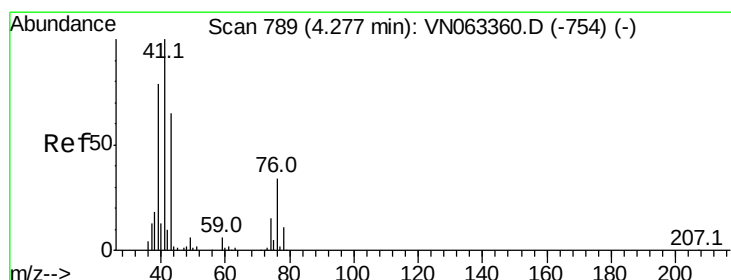
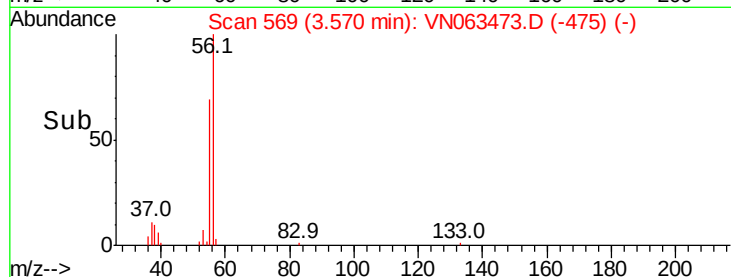
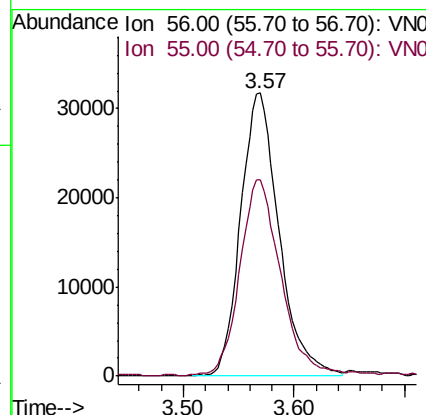
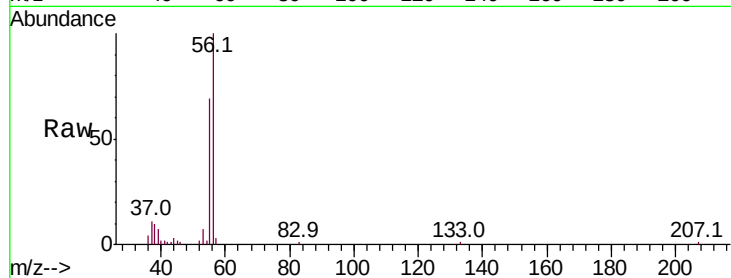




#13
Acrolein
Concen: 295.739 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

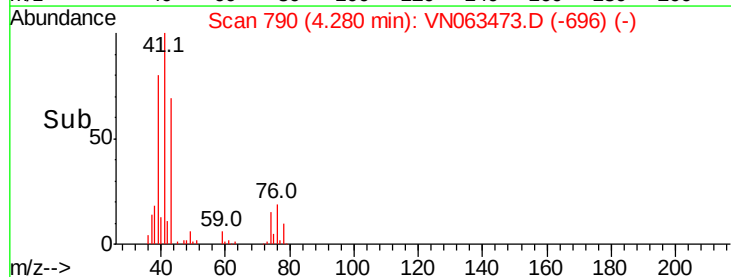
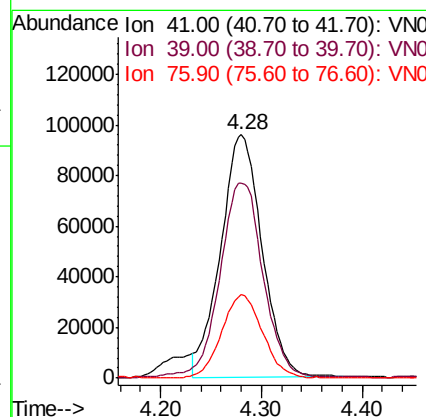
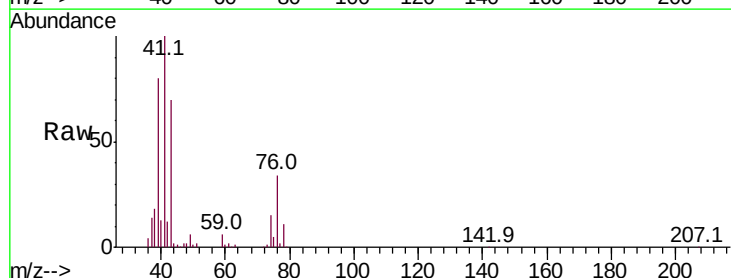
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

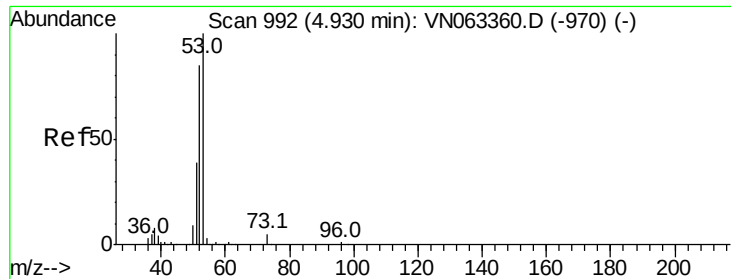
Tot Ion: 56 Resp: 76733
Ion Ratio Lower Upper
56 100
55 73.9 58.2 87.2



#14
Allyl chloride
Concen: 41.375 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 41 Resp: 274200
Ion Ratio Lower Upper
41 100
39 83.5 59.3 88.9
76 33.4 25.3 37.9





#15

Acrylonitrile

Concen: 224.928 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

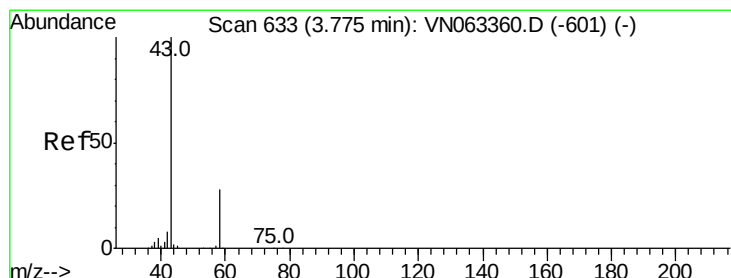
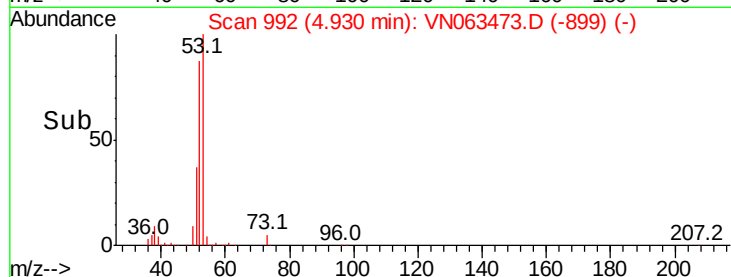
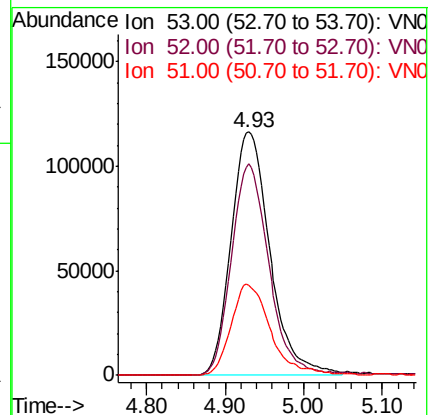
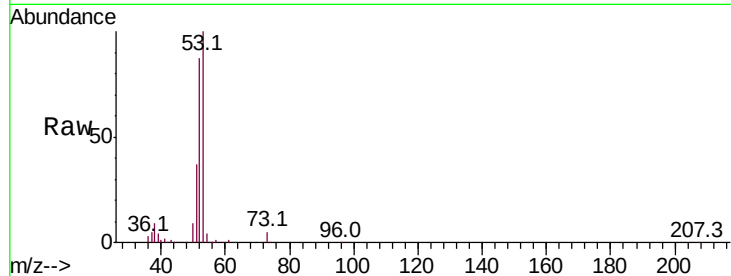
Tot Ion: 53 Resp: 400580

Ion Ratio Lower Upper

53 100

52 83.2 66.4 99.6

51 38.3 30.2 45.4



#16

Acetone

Concen: 218.722 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063473.D

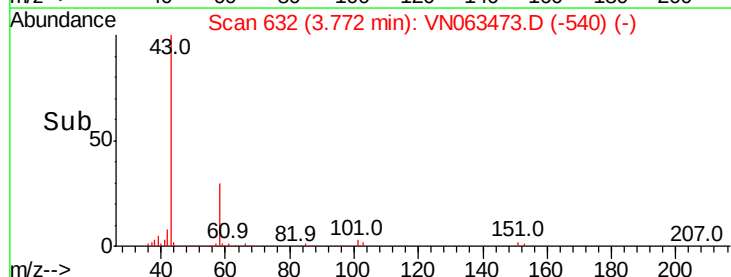
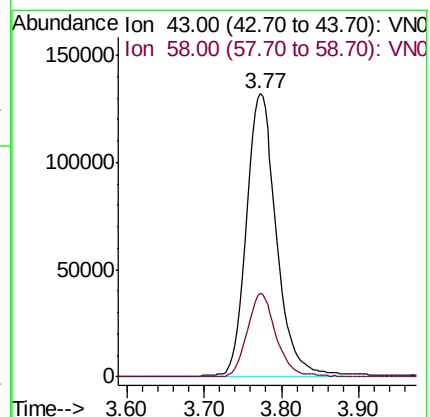
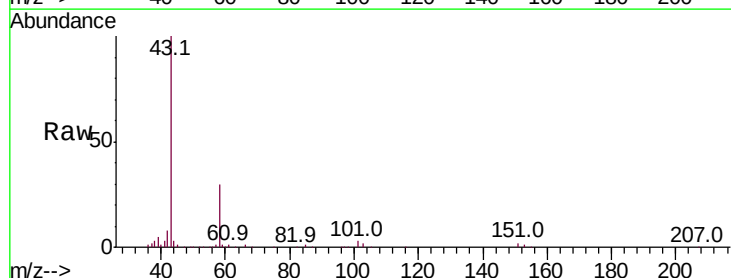
Acq: 18 Sep 2020 21:24

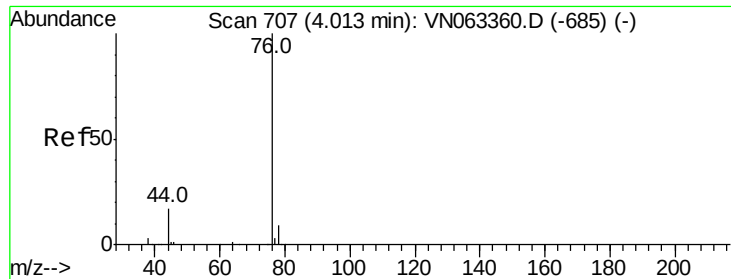
Tgt Ion: 43 Resp: 355255

Ion Ratio Lower Upper

43 100

58 29.8 22.3 33.5

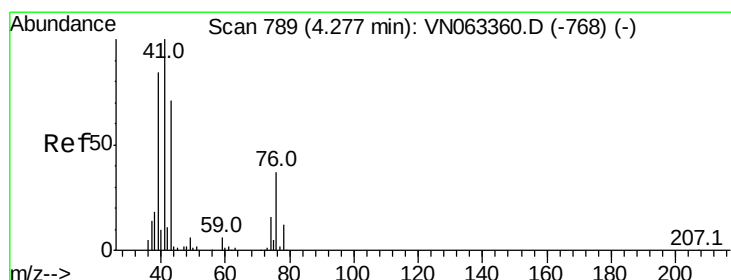
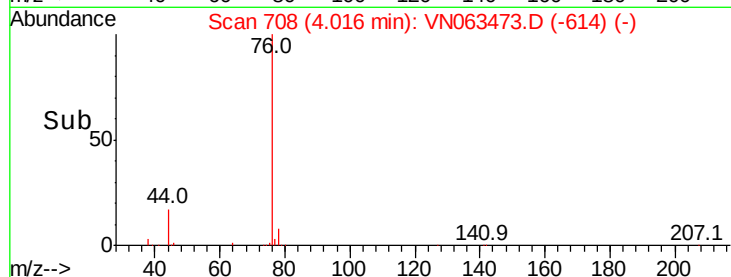
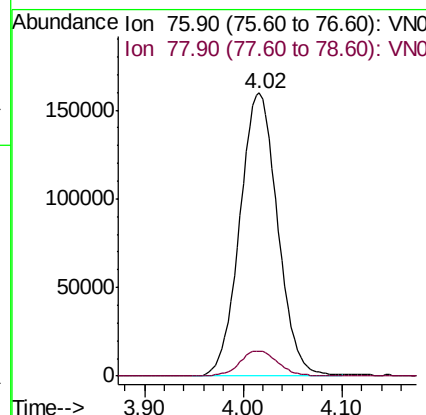
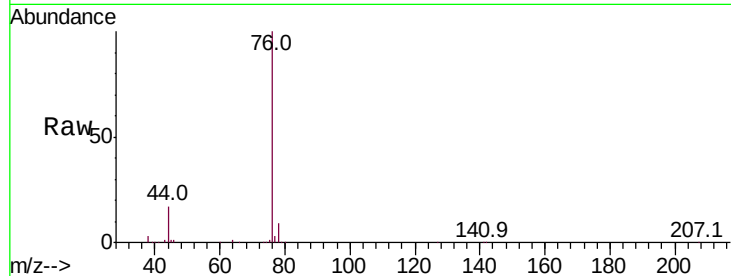




#17
Carbon Disulfide
Concen: 43.495 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

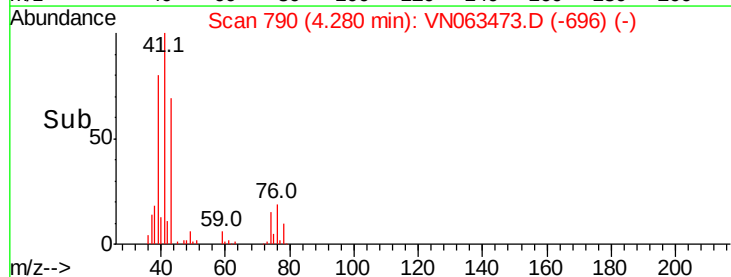
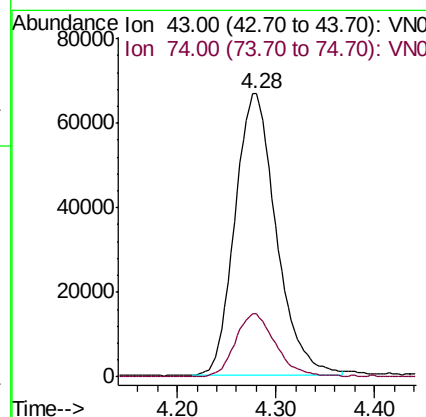
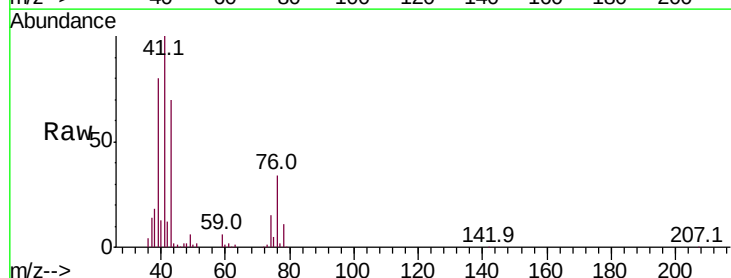
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

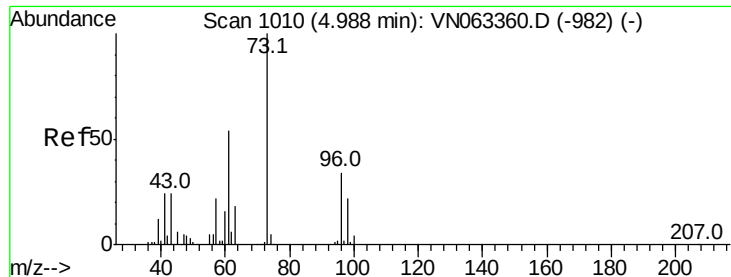
Tot Ion: 76 Resp: 423879
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 47.239 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 43 Resp: 194783
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2

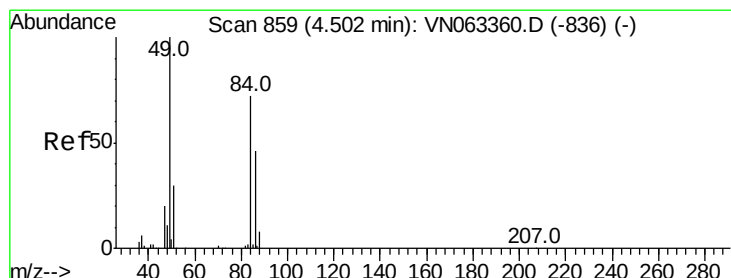
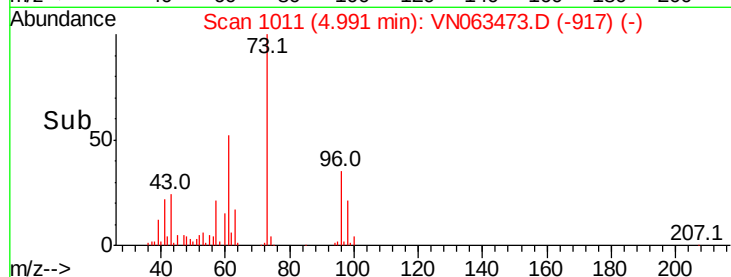
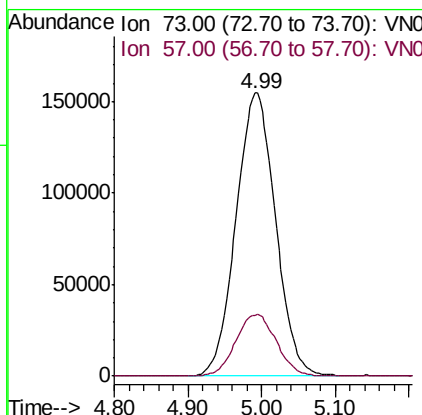
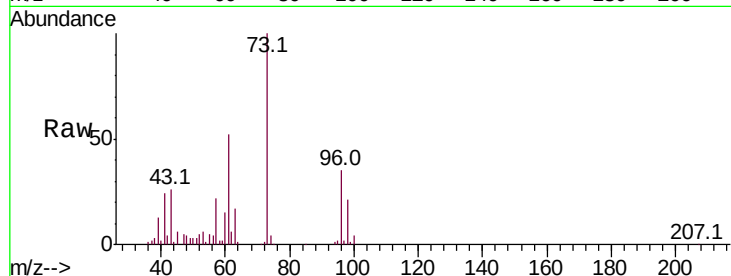




#19
Methyl tert-butyl Ether
Concen: 46.168 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

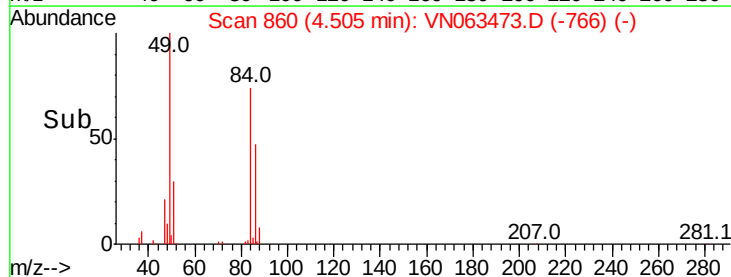
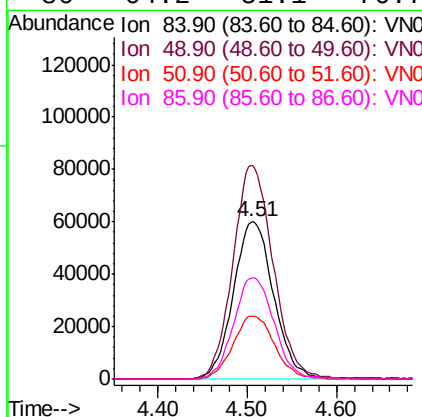
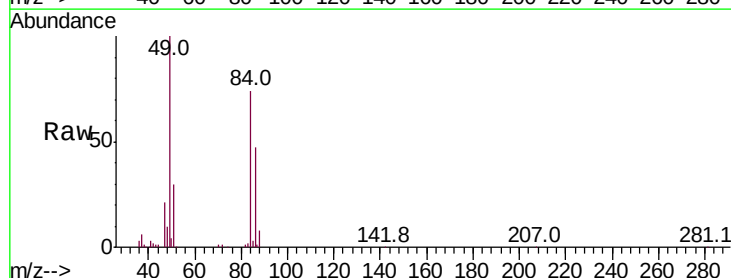
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

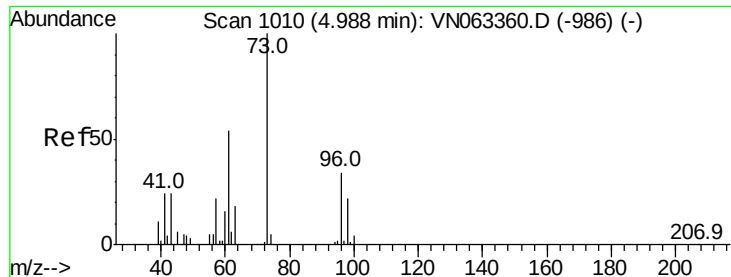
Tot Ion: 73 Resp: 576499
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9



#20
Methylene Chloride
Concen: 45.582 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 84 Resp: 187579
Ion Ratio Lower Upper
84 100
49 135.8 110.7 166.1
51 40.1 32.9 49.3
86 64.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.864 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

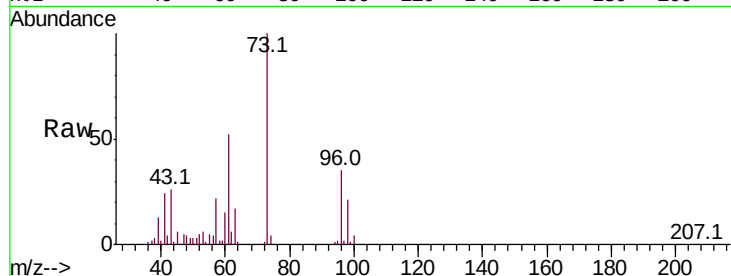
Tot Ion: 96 Resp: 170246

Ion Ratio Lower Upper

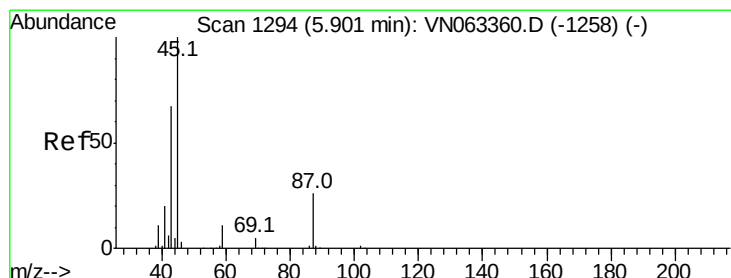
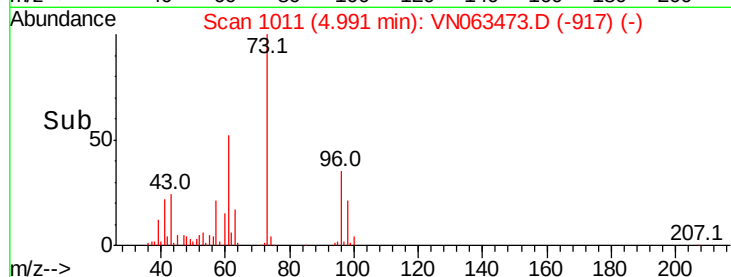
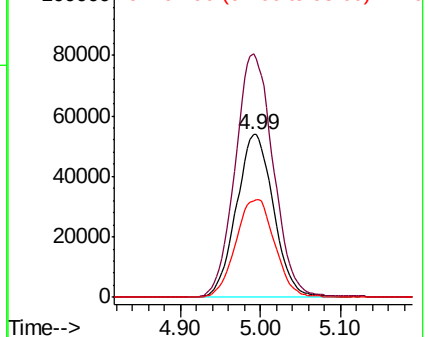
96 100

61 149.6 126.2 189.4

98 59.3 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 46.085 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion: 45 Resp: 622876

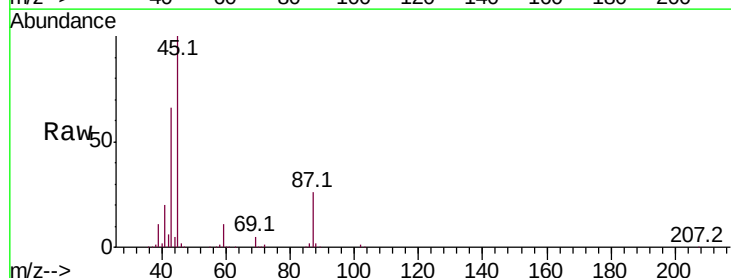
Ion Ratio Lower Upper

45 100

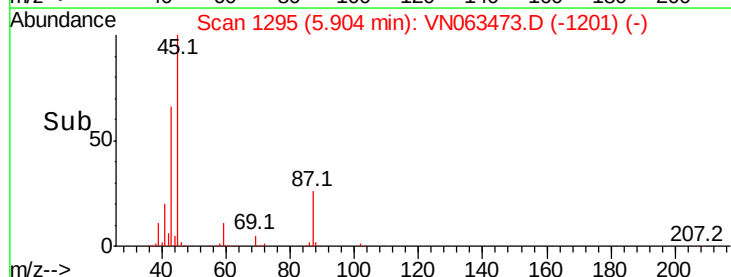
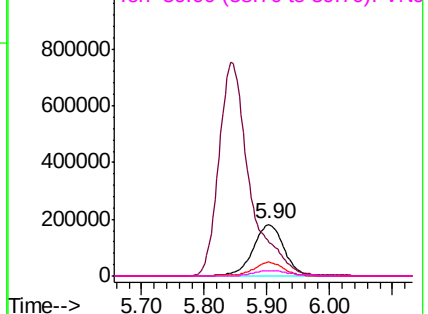
43 65.5 53.5 80.3

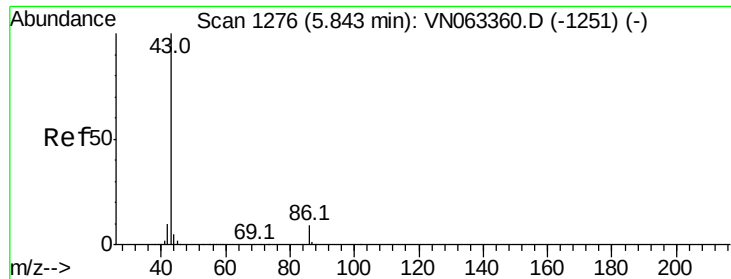
87 26.1 21.2 31.8

59 11.0 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO

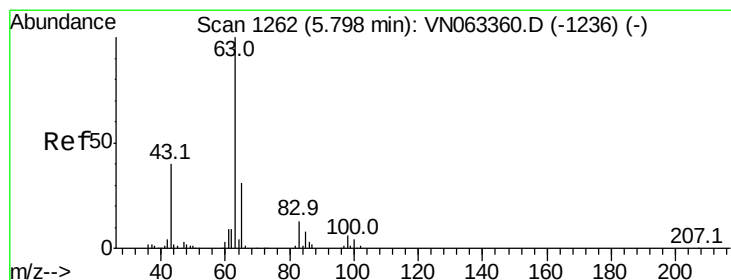
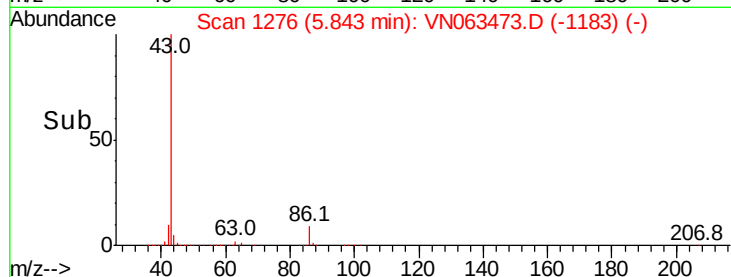
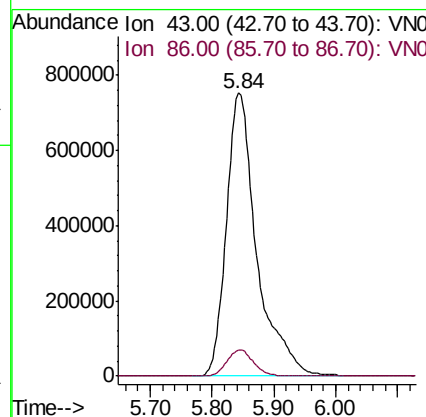
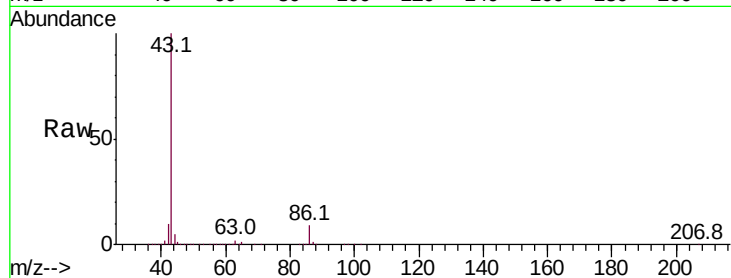




#23
 Vinyl Acetate
 Concen: 231.318 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

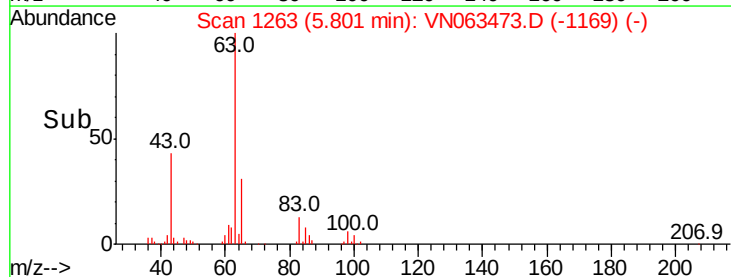
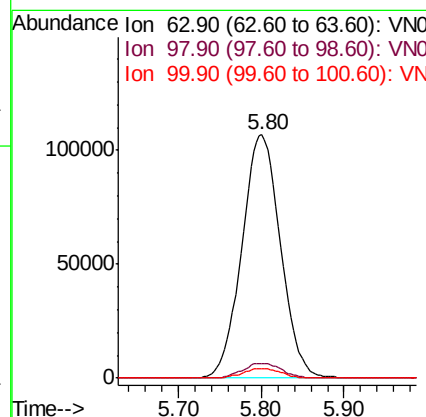
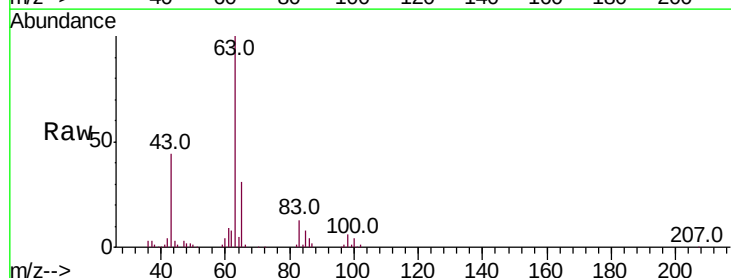
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

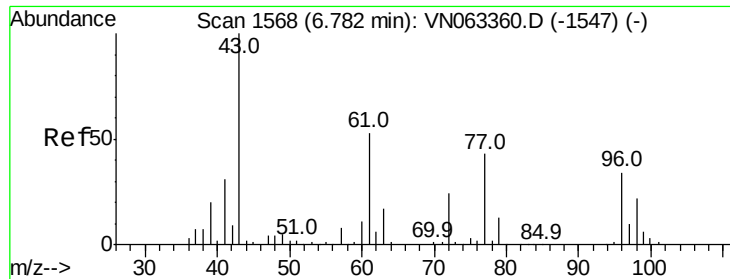
Tot Ion: 43 Resp: 2567668
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 46.834 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion: 63 Resp: 345595
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 4.0 2.1 6.3

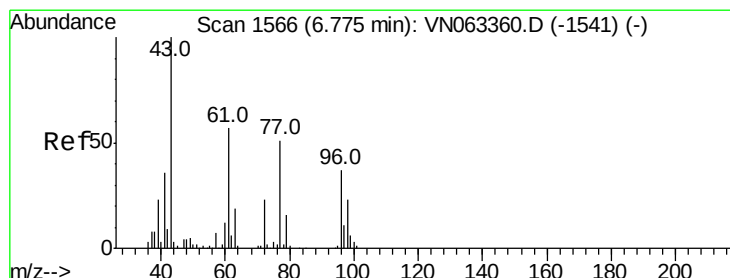
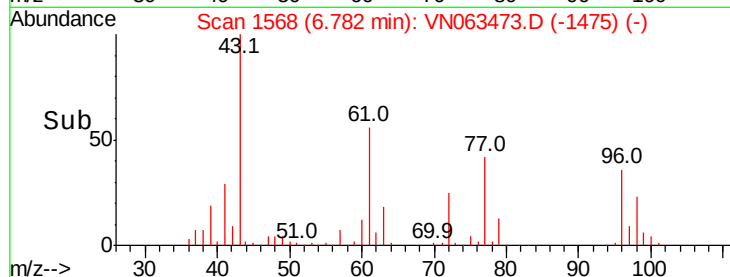
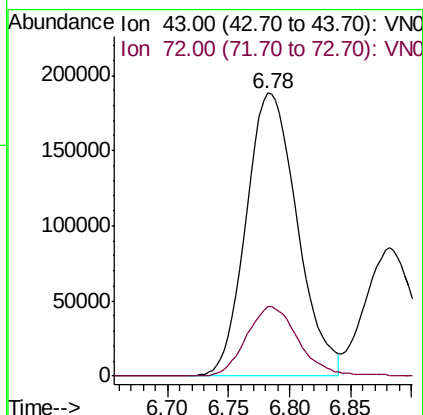
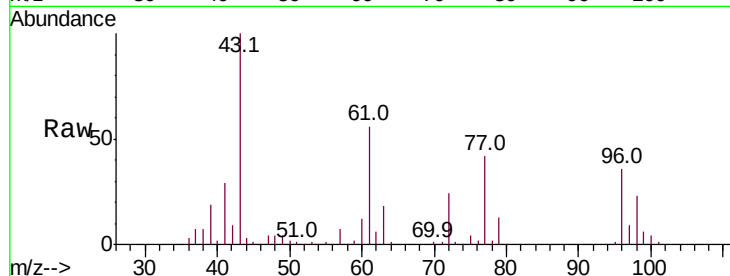




#25
2-Butanone
Concen: 217.992 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

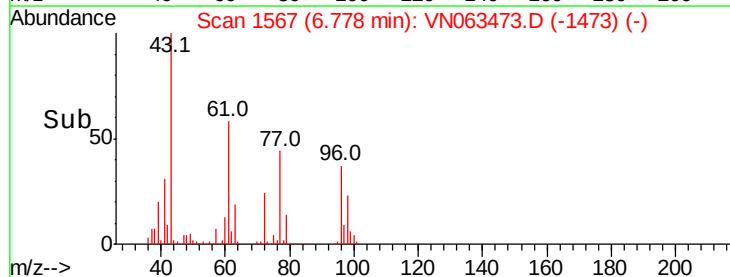
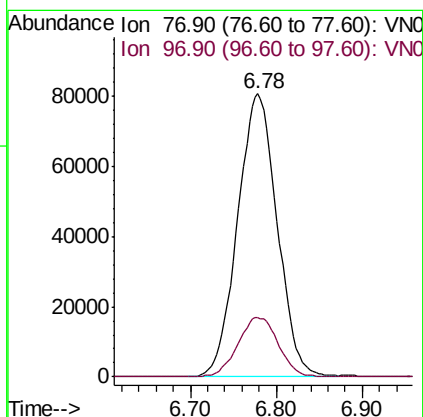
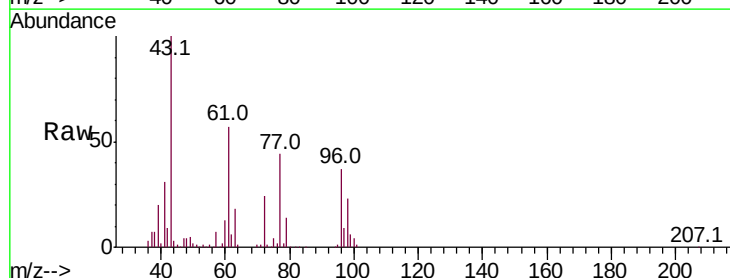
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

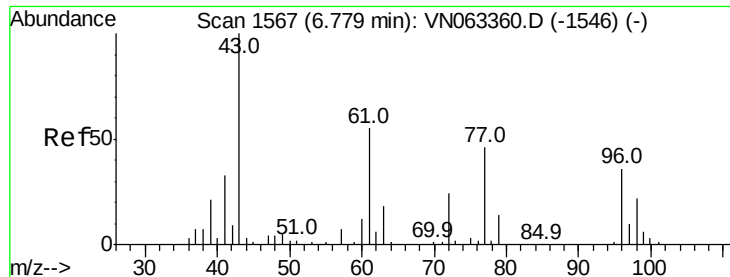
Tot Ion: 43 Resp: 544550
Ion Ratio Lower Upper
43 100
72 24.5 19.2 28.8



#26
2,2-Dichloropropane
Concen: 39.702 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 77 Resp: 257938
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 47.399 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

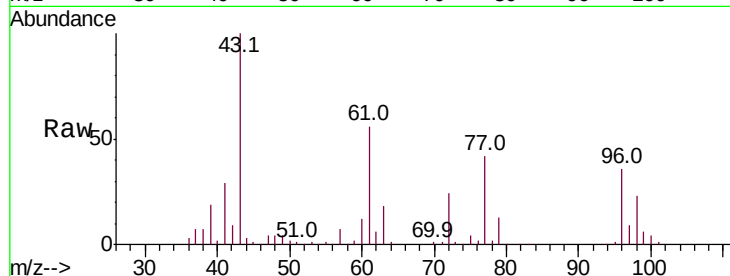
Tot Ion: 96 Resp: 199146

Ion Ratio Lower Upper

96 100

61 158.5 0.0 319.6

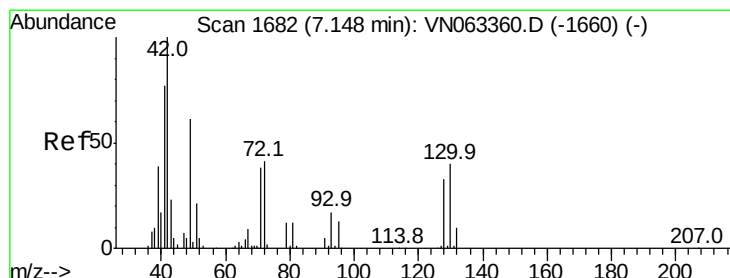
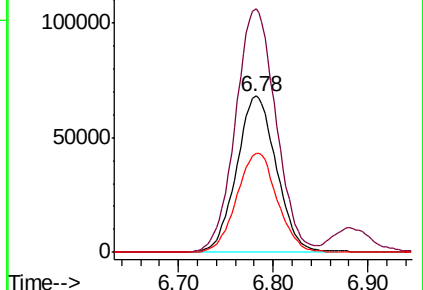
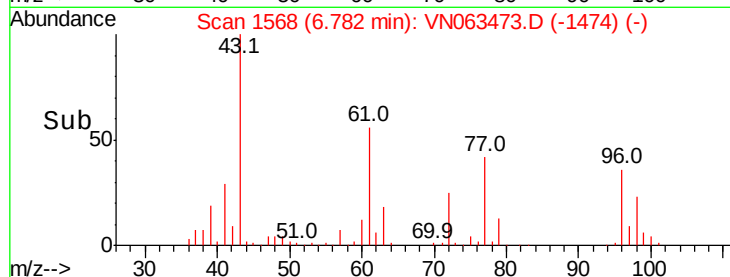
98 64.7 0.0 127.8



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: 46.704 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

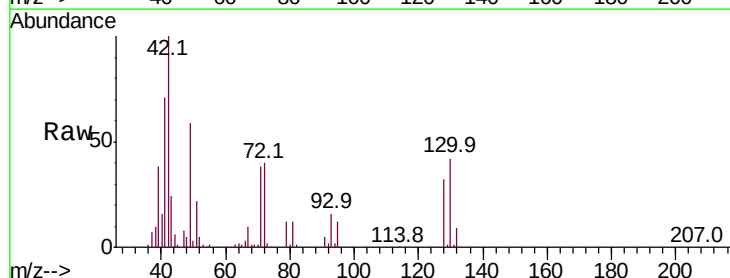
Tgt Ion: 49 Resp: 159125

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

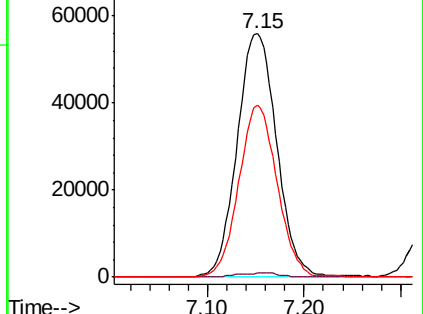
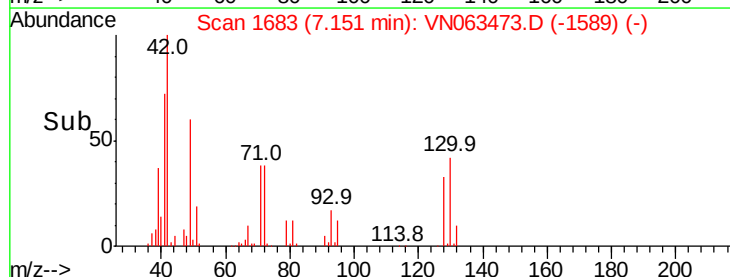
130 68.3 52.2 78.2

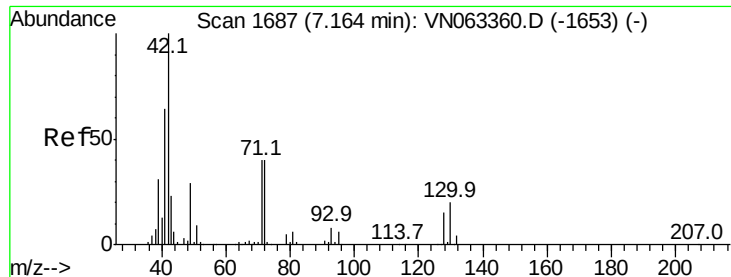


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 218.688 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

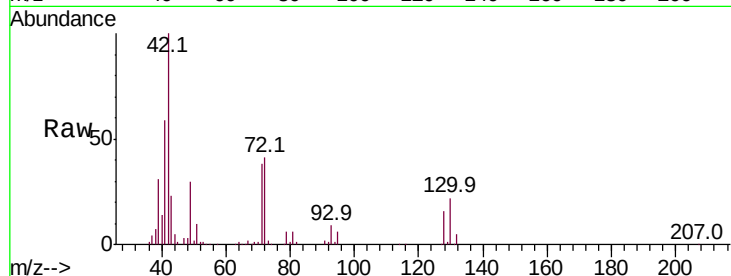
Tot Ion: 42 Resp: 373103

Ion Ratio Lower Upper

42 100

72 40.8 32.1 48.1

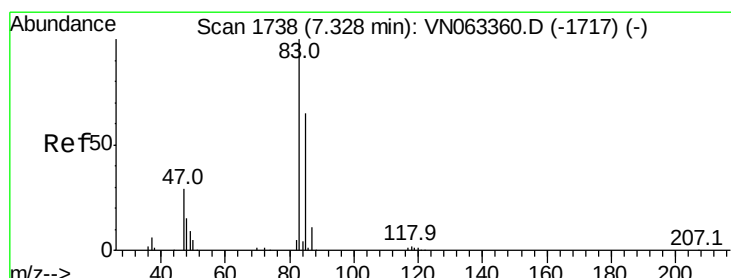
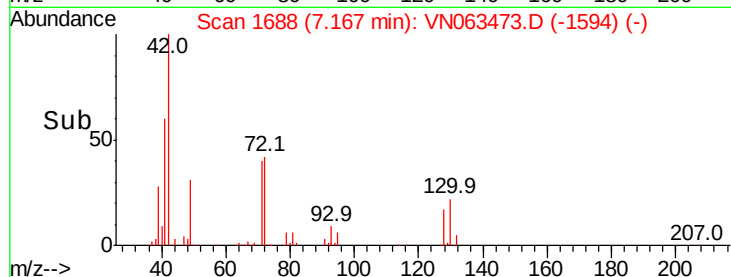
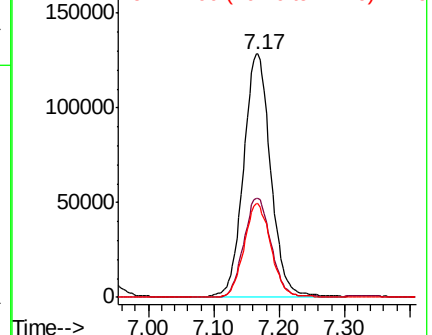
71 37.9 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 47.716 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063473.D

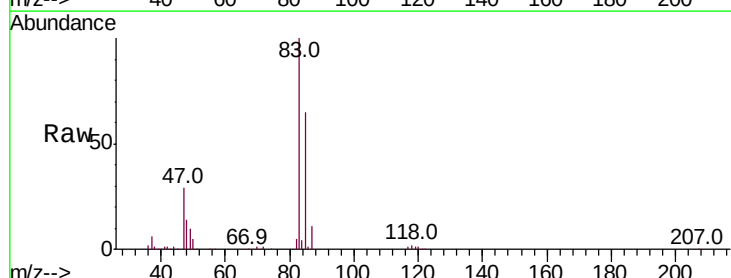
Acq: 18 Sep 2020 21:24

Tgt Ion: 83 Resp: 353258

Ion Ratio Lower Upper

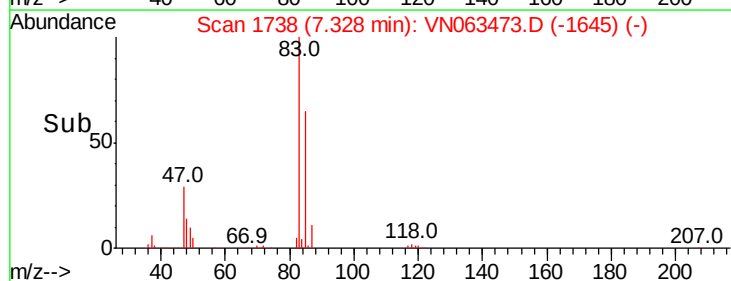
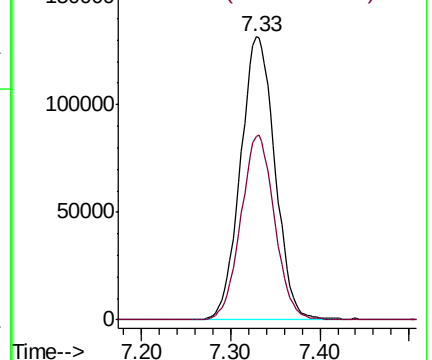
83 100

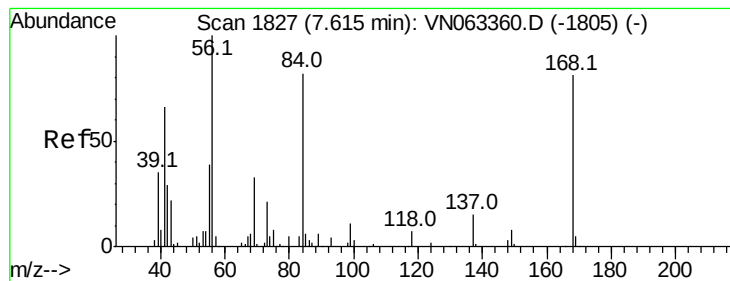
85 65.0 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 42.582 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

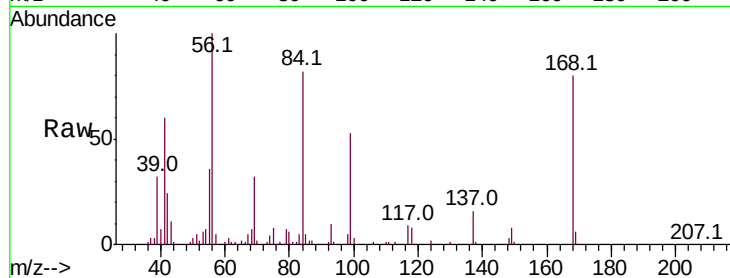
Tot Ion: 56 Resp: 297220

Ion Ratio Lower Upper

56 100

69 32.5 26.1 39.1

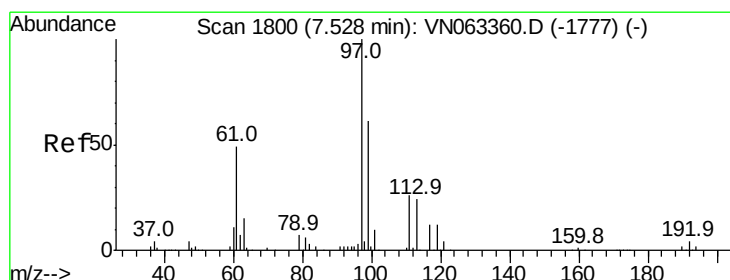
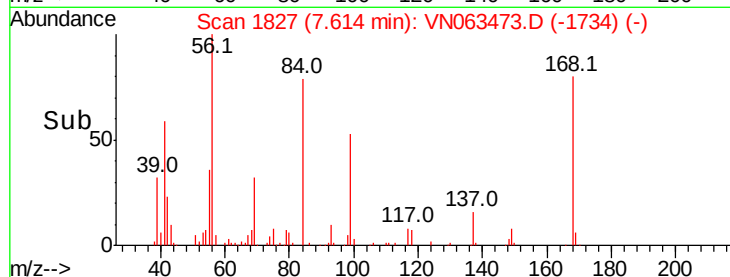
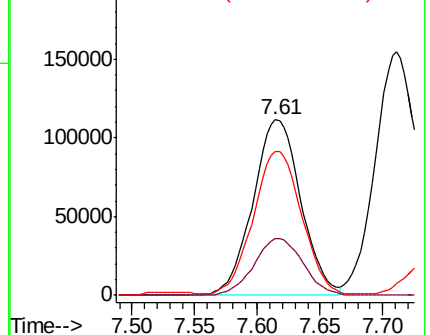
84 81.1 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 47.844 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

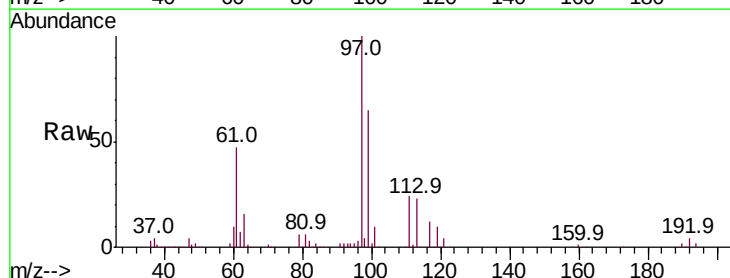
Tgt Ion: 97 Resp: 315040

Ion Ratio Lower Upper

97 100

99 63.7 50.6 76.0

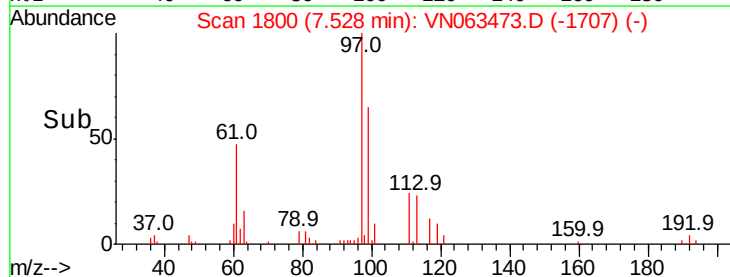
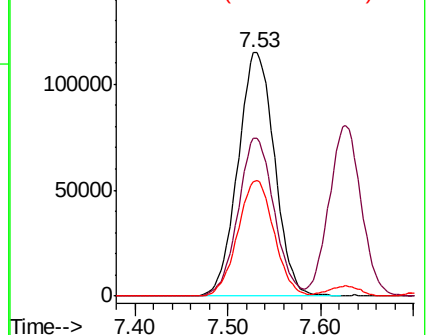
61 47.1 39.2 58.8

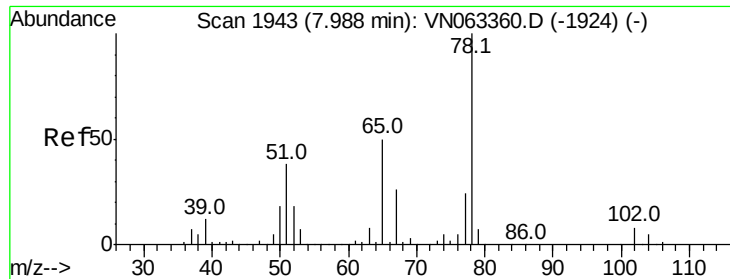


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

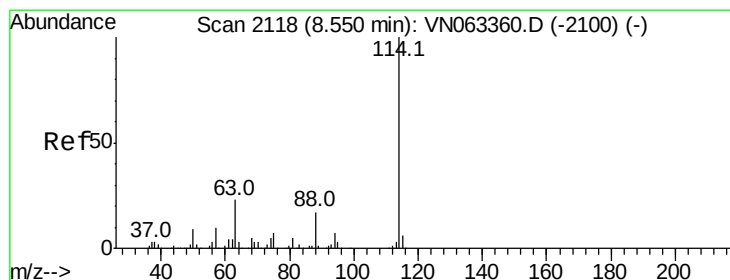
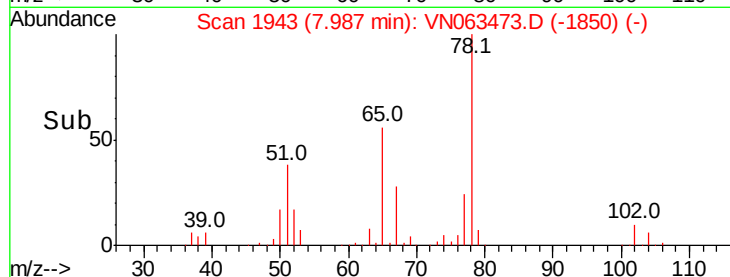
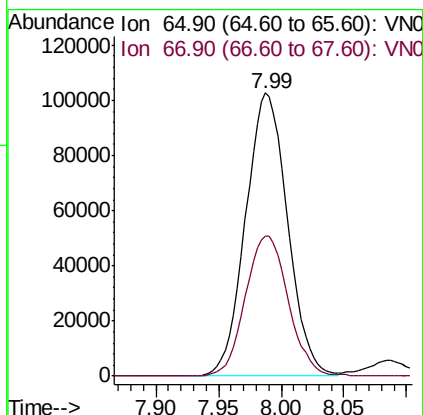
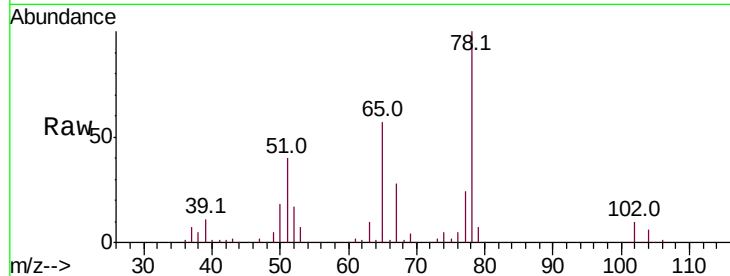




#33
 1,2-Dichloroethane-d4
 Concen: 47.344 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

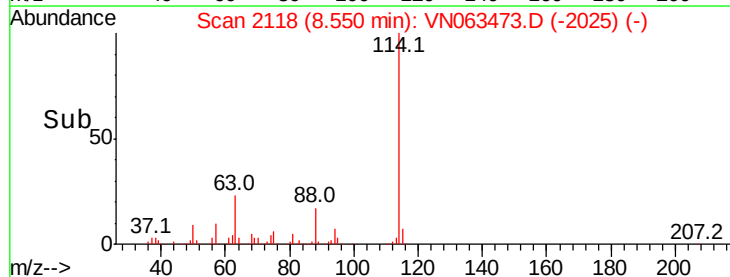
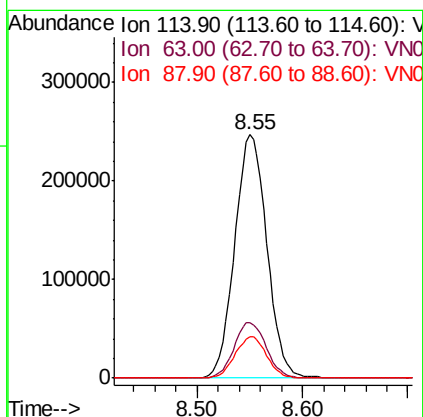
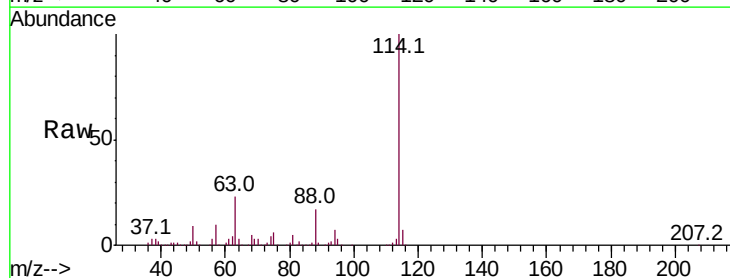
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

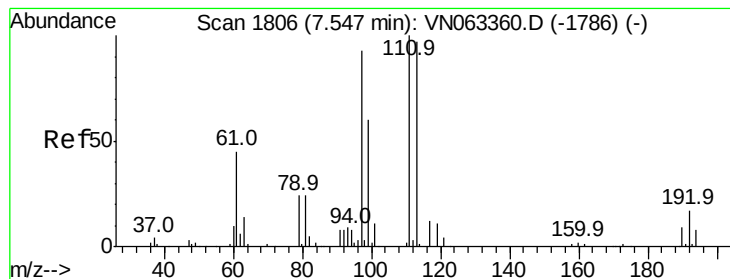
Tot Ion: 65 Resp: 239269
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion: 114 Resp: 522162
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.4
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.186 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

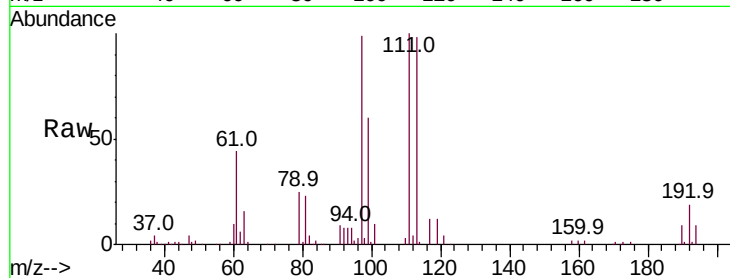
Tot Ion:113 Resp: 166953

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

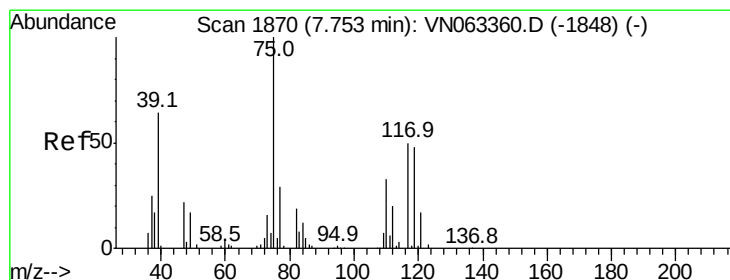
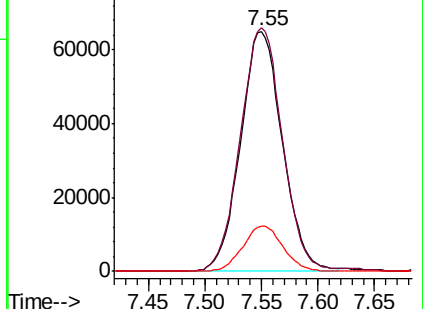
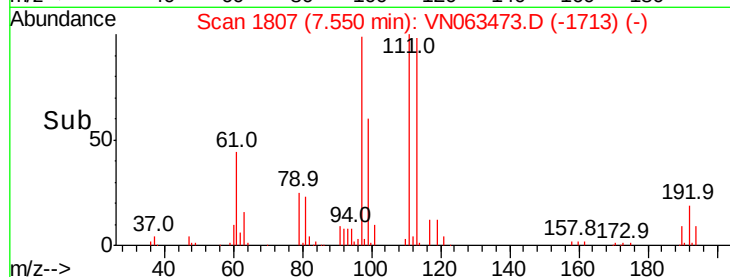
192 18.2 13.9 20.9



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: 46.505 ug/l

RT: 7.76 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

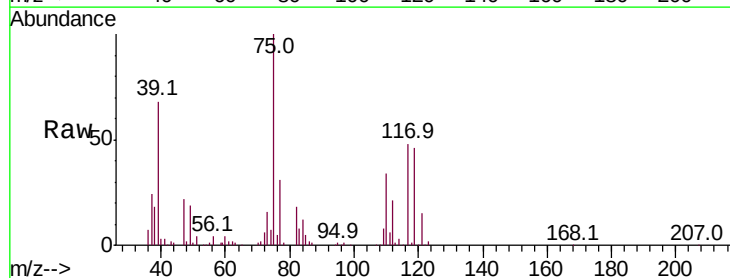
Tgt Ion: 75 Resp: 258702

Ion Ratio Lower Upper

75 100

110 33.2 16.5 49.5

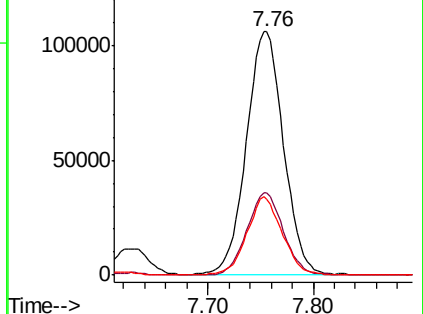
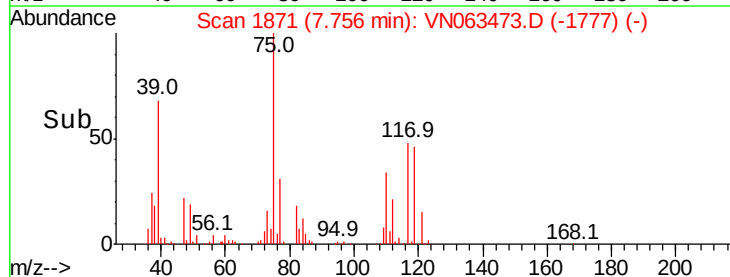
77 30.7 24.6 36.8

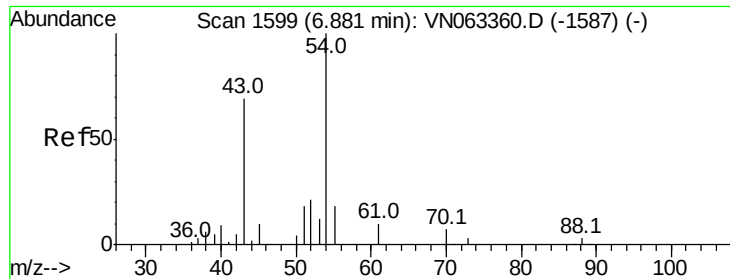


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

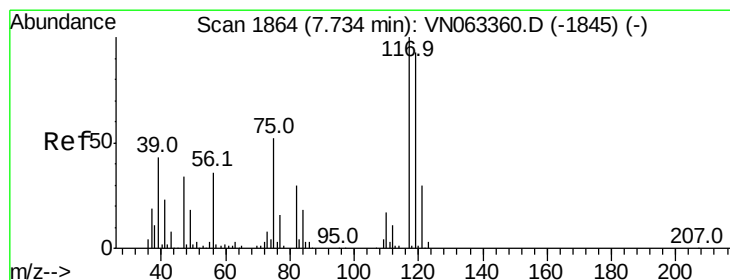
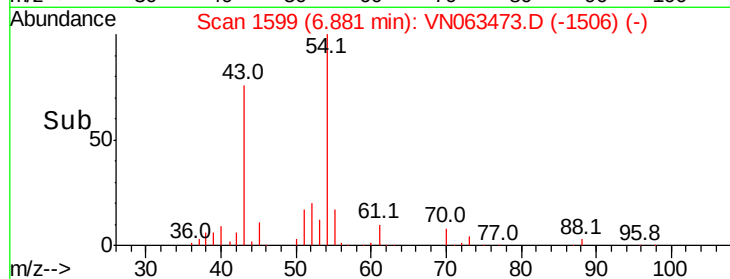
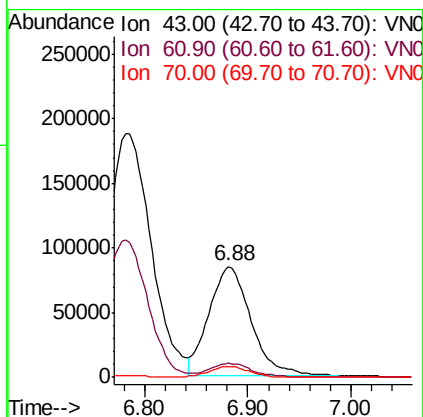
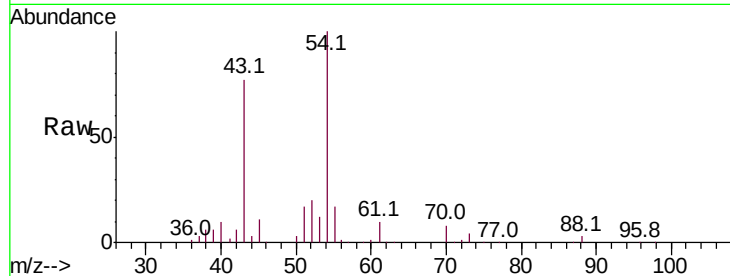




#37
Ethyl Acetate
Concen: 44.204 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

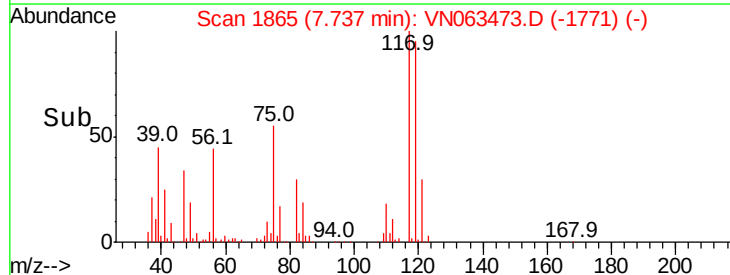
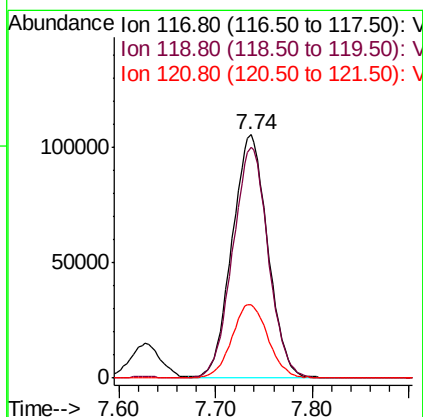
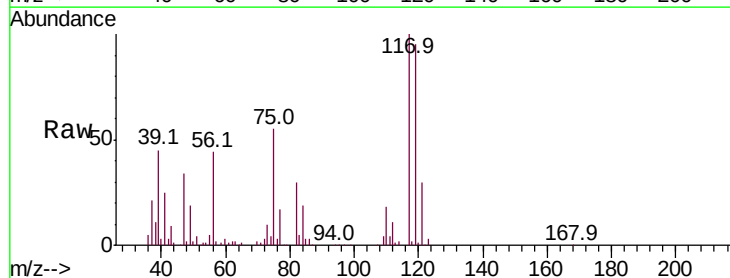
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

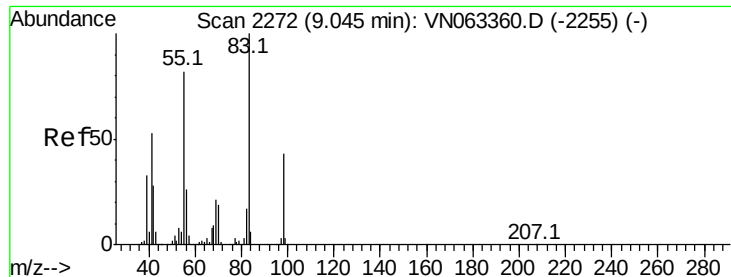
Tot Ion: 43 Resp: 241340
Ion Ratio Lower Upper
43 100
61 12.5 10.6 15.8
70 10.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.475 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 117 Resp: 269595
Ion Ratio Lower Upper
117 100
119 94.9 74.5 111.7
121 30.1 24.1 36.1

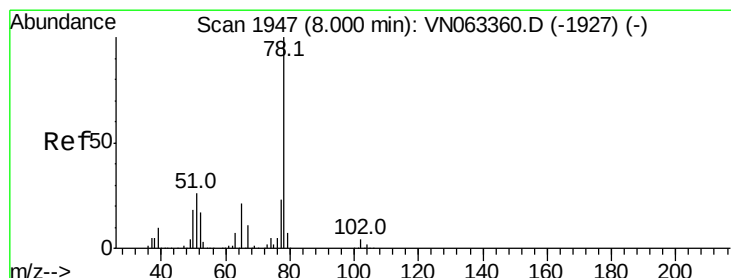
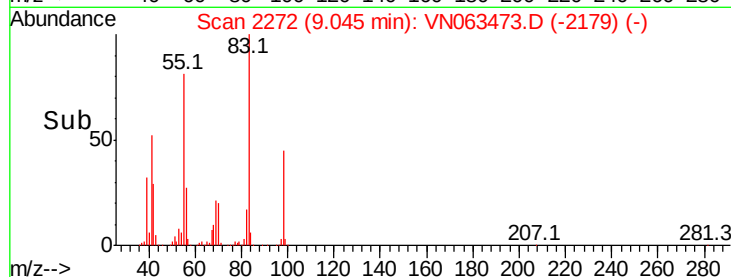
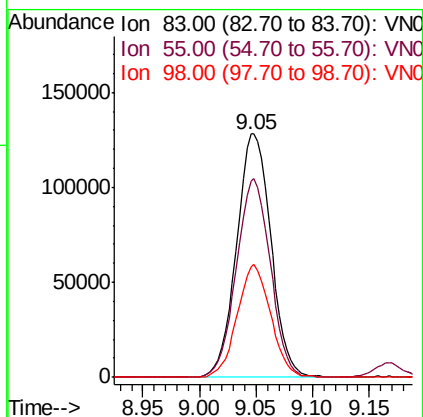
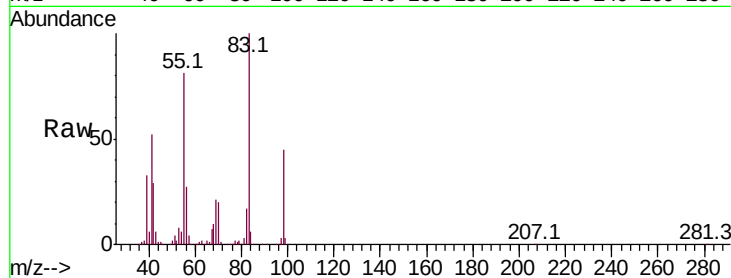




#39
Methylvlcyclohexane
Concen: 45.043 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

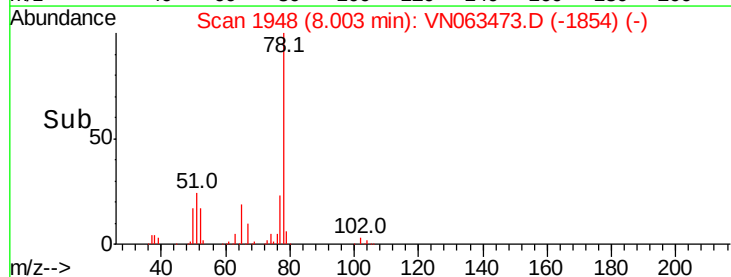
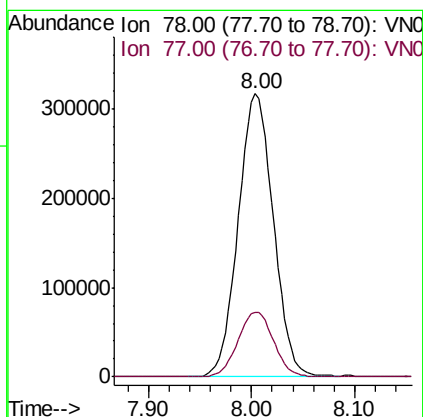
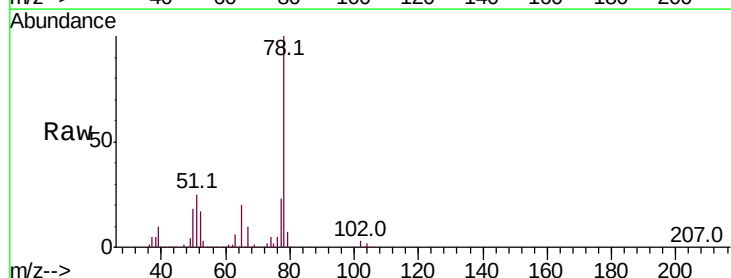
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

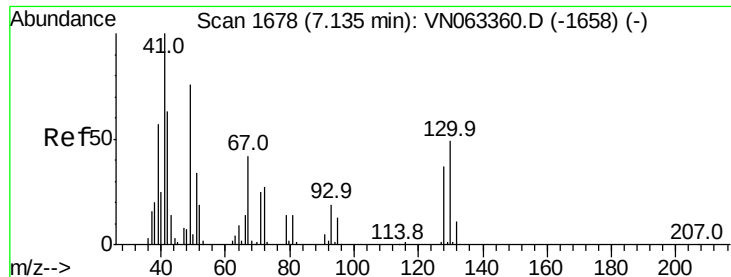
Tot Ion: 83 Resp: 271950
Ion Ratio Lower Upper
83 100
55 80.5 65.5 98.3
98 45.5 34.2 51.4



#40
Benzene
Concen: 47.303 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 78 Resp: 751177
Ion Ratio Lower Upper
78 100
77 22.8 18.3 27.5

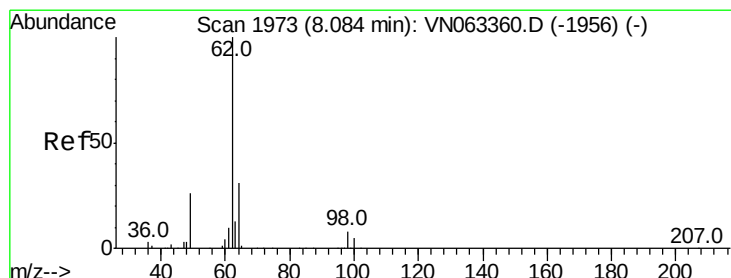
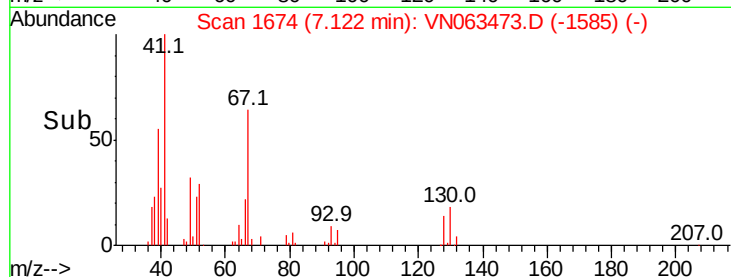
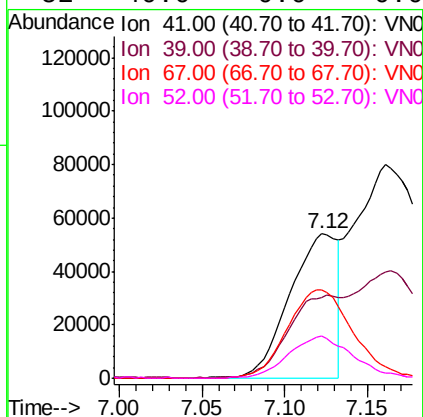
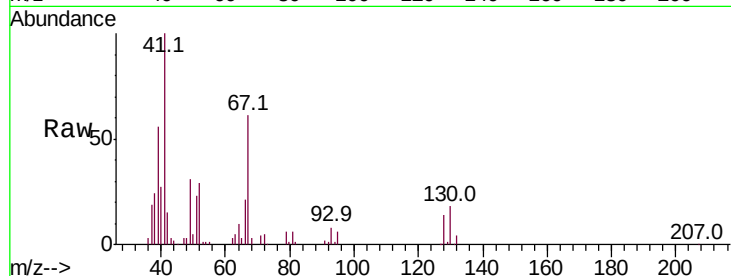




#41
Methacrylonitrile
Concen: 44.258 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

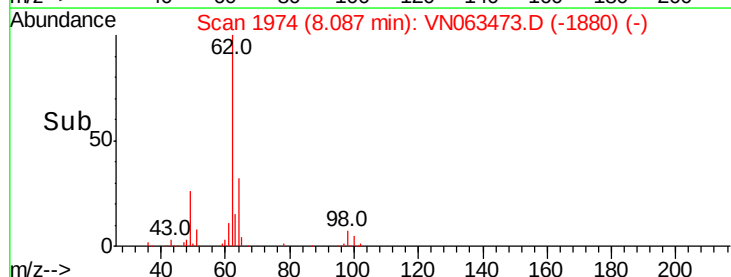
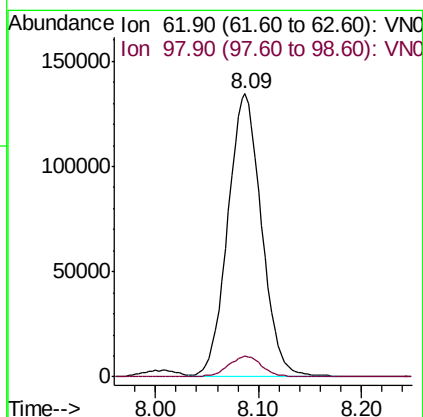
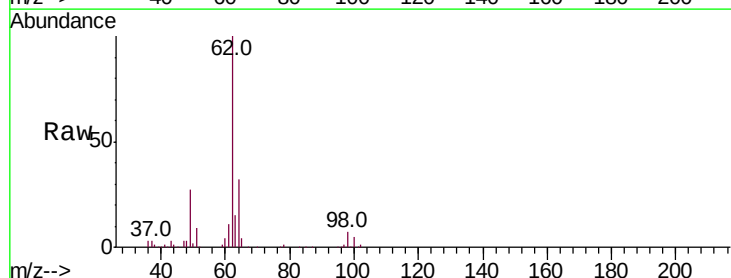
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

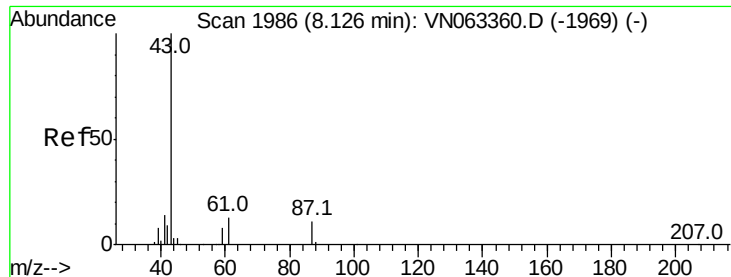
Tot Ion:	41	Resp:	108679
Ion	Ratio	Lower	Upper
41	100		
39	63.8	0.0	0.0#
67	84.8	0.0	0.0#
52	40.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 47.658 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion:	62	Resp:	304353
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.6





#43

Isopropyl Acetate

Concen: 44.152 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

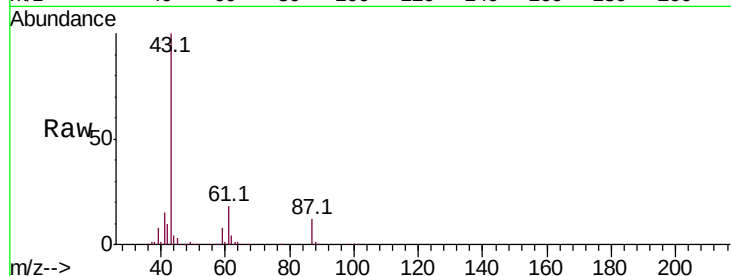
Tot Ion: 43 Resp: 431036

Ion Ratio Lower Upper

43 100

61 25.2 14.2 21.2#

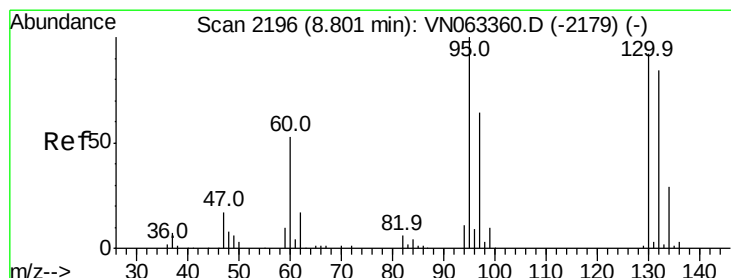
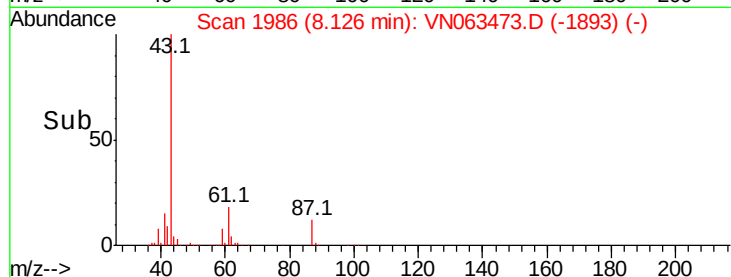
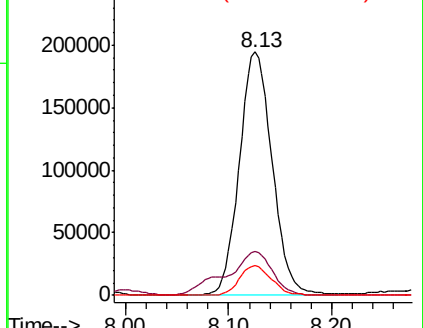
87 12.0 9.0 13.6



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: 48.569 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063473.D

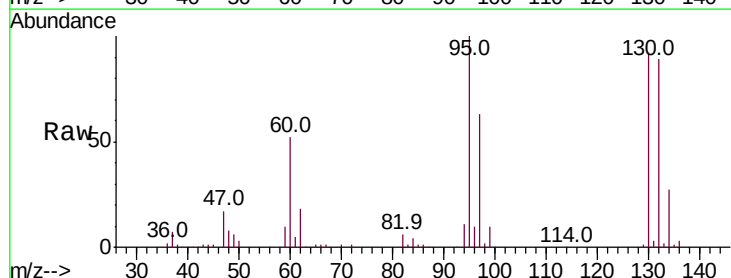
Acq: 18 Sep 2020 21:24

Tgt Ion:130 Resp: 187069

Ion Ratio Lower Upper

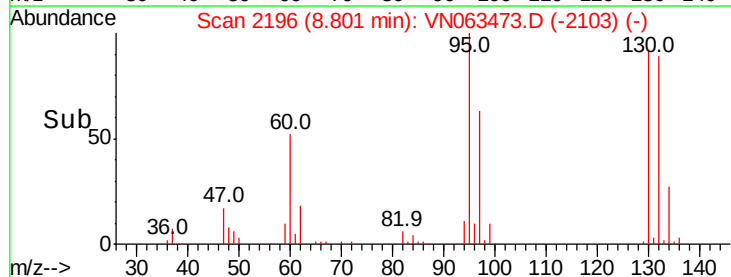
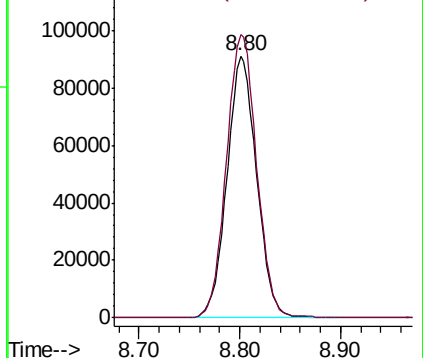
130 100

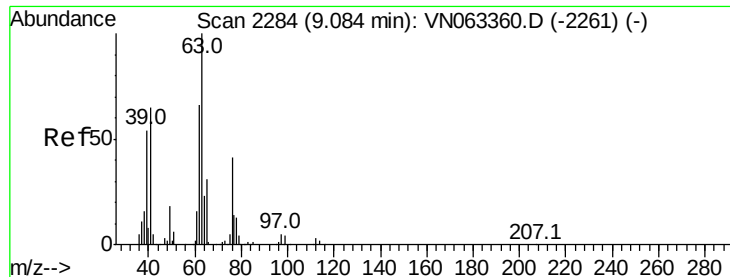
95 108.1 0.0 217.4



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: 47.332 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

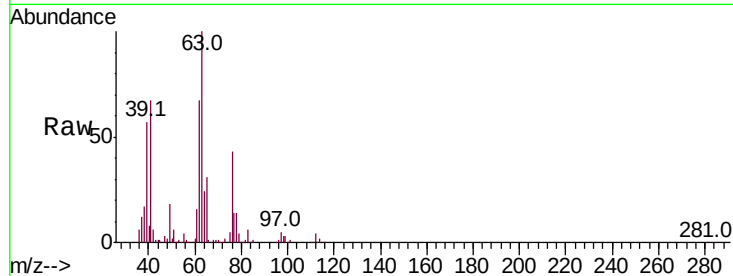
VSTDCCC050EC

Tot Ion: 63 Resp: 204712

Ion Ratio Lower Upper

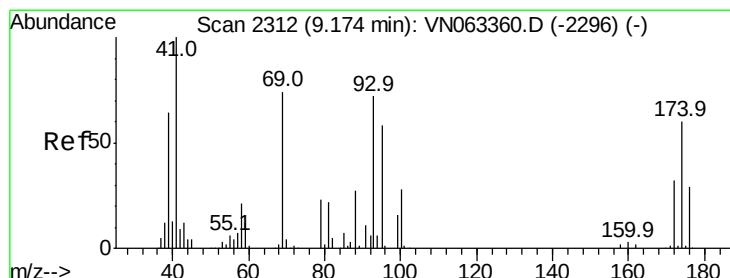
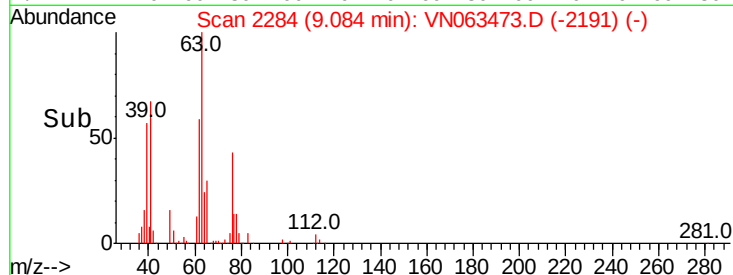
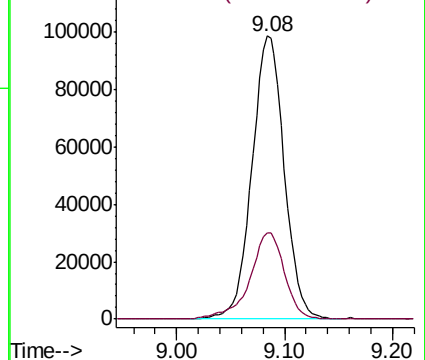
63 100

65 30.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 47.496 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

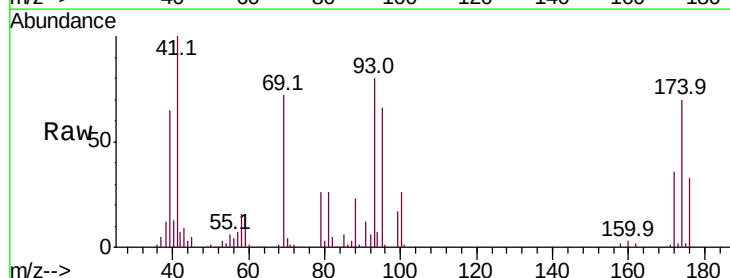
Tgt Ion: 93 Resp: 135015

Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

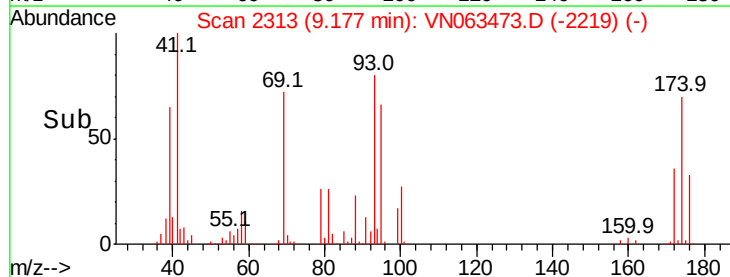
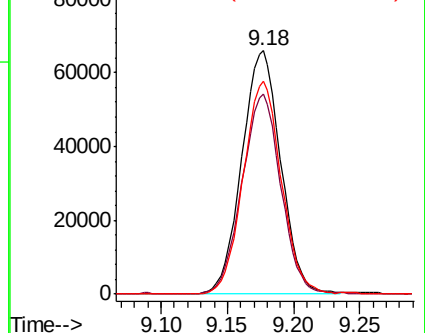
174 85.5 68.1 102.1

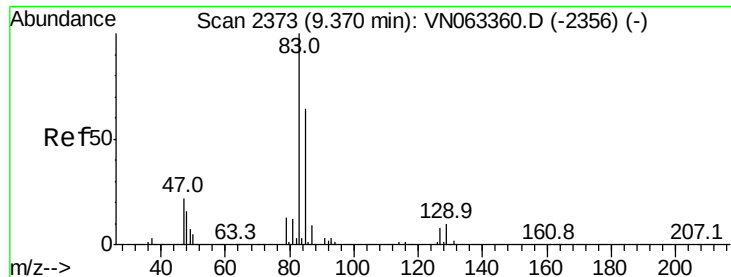


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.965 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

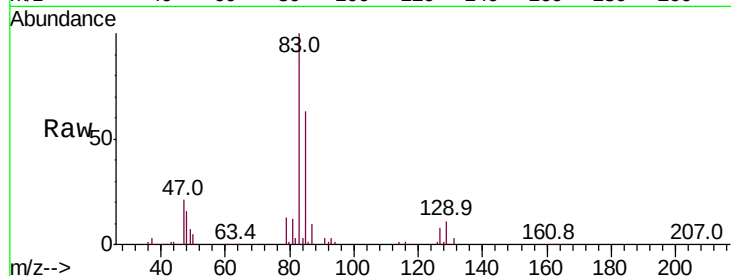
Tot Ion: 83 Resp: 283262

Ion Ratio Lower Upper

83 100

85 62.6 51.0 76.6

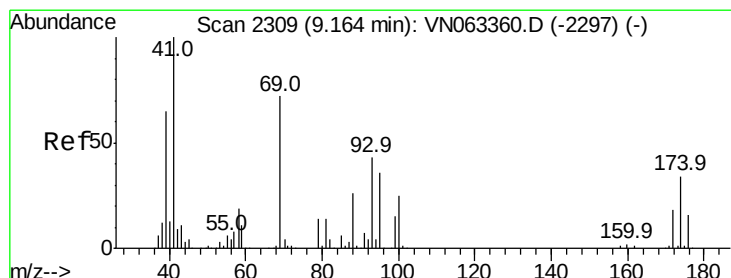
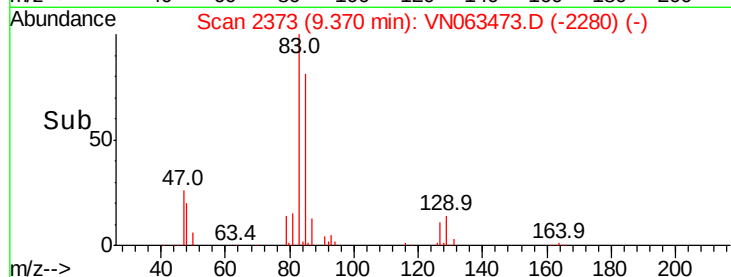
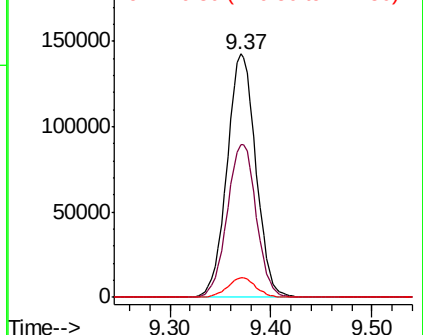
127 8.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 44.420 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

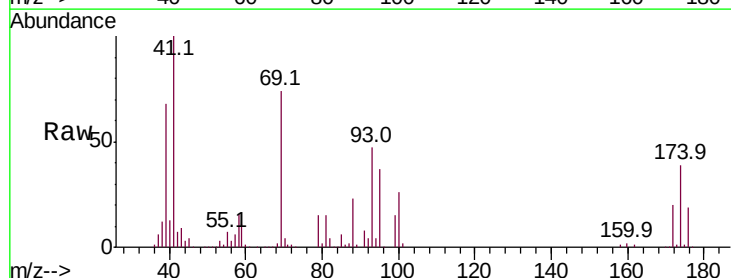
Tgt Ion: 41 Resp: 213058

Ion Ratio Lower Upper

41 100

69 76.6 59.3 88.9

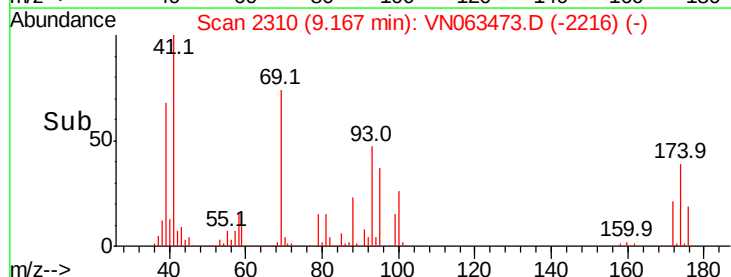
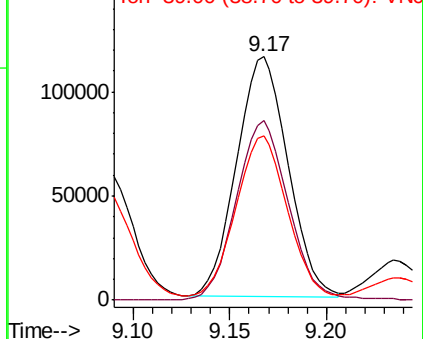
39 69.6 52.9 79.3

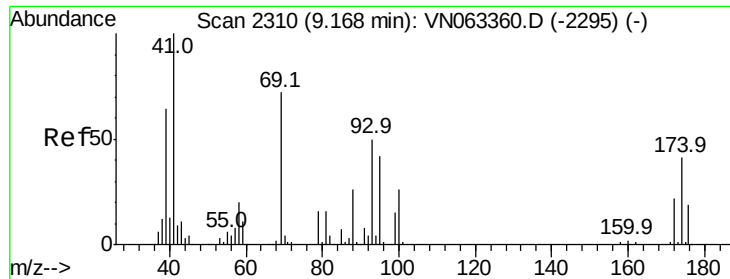


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 795.914 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

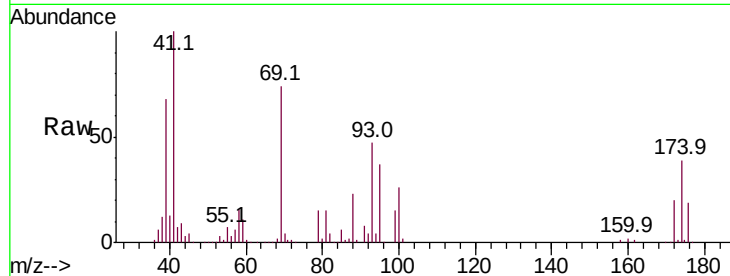
Tot Ion: 88 Resp: 54784

Ion Ratio Lower Upper

88 100

43 37.3 32.6 49.0

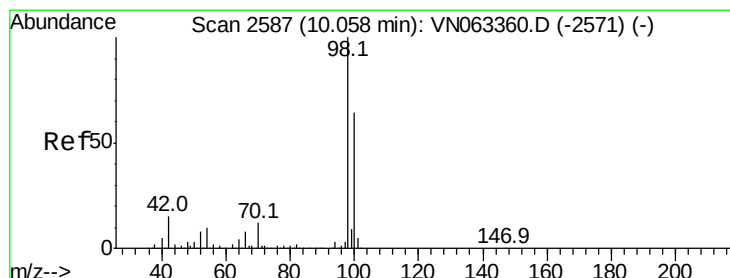
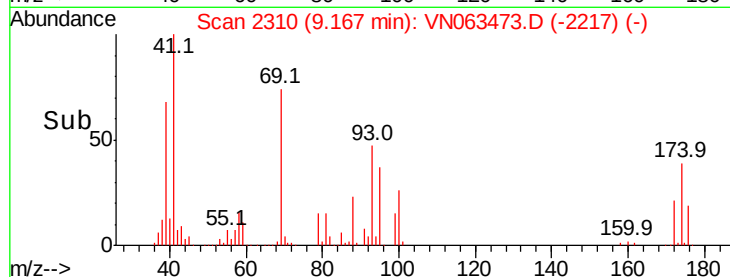
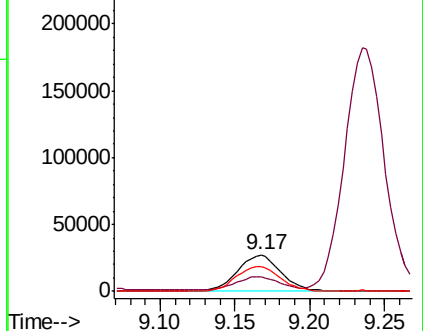
58 70.0 60.0 90.0



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: 47.597 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063473.D

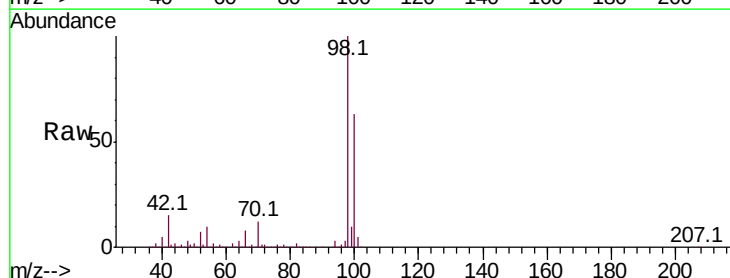
Acq: 18 Sep 2020 21:24

Tgt Ion: 98 Resp: 646961

Ion Ratio Lower Upper

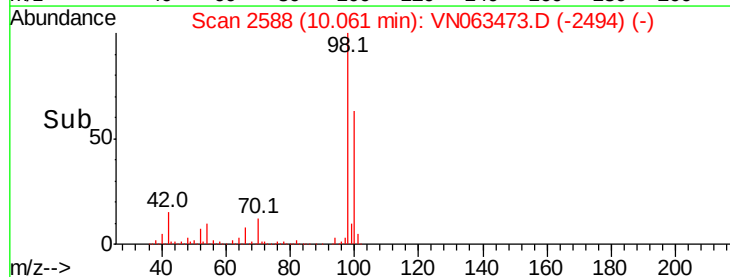
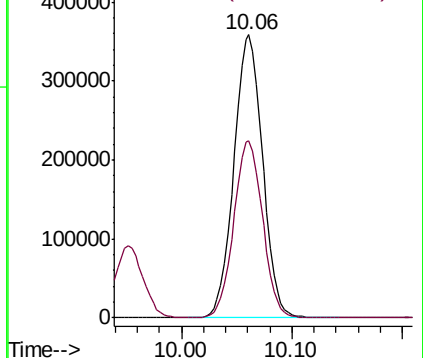
98 100

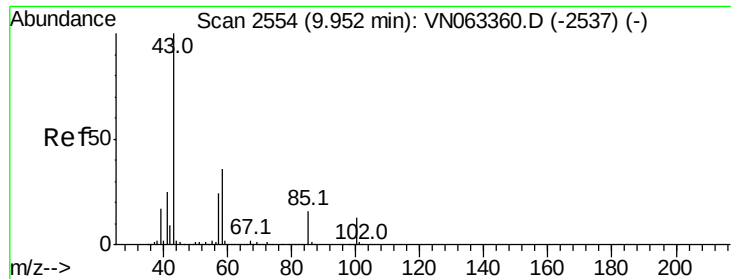
100 62.6 50.7 76.1



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

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

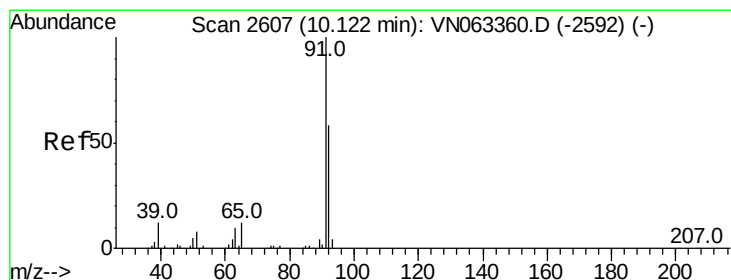
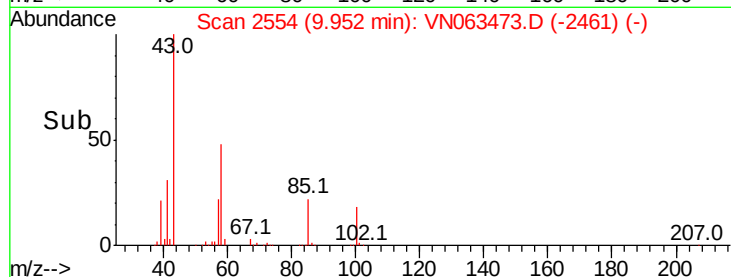
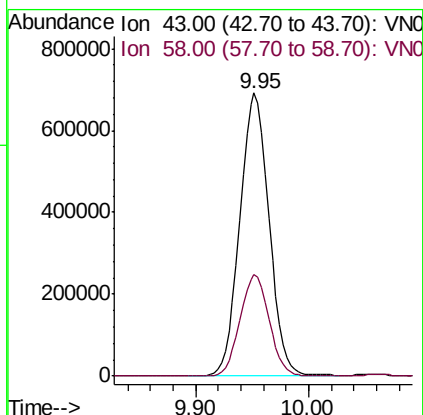
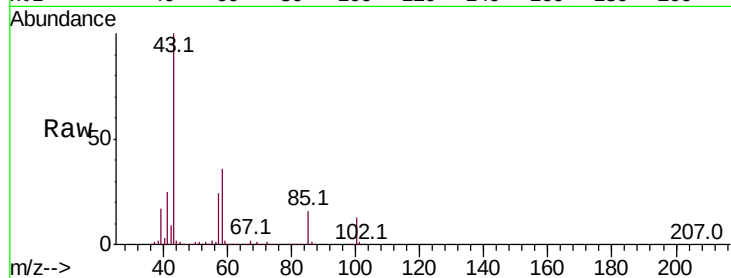




#51
4-Methyl-2-Pentanone
Concen: 227.283 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

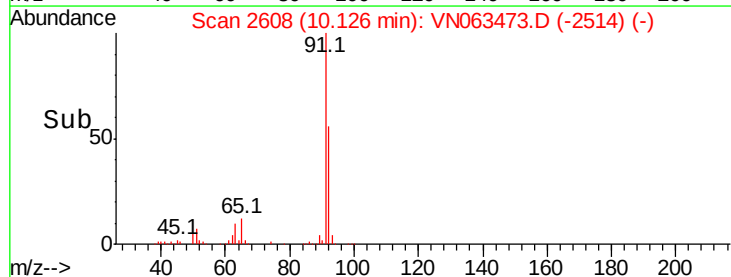
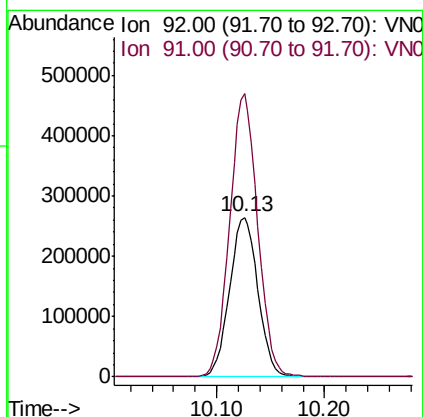
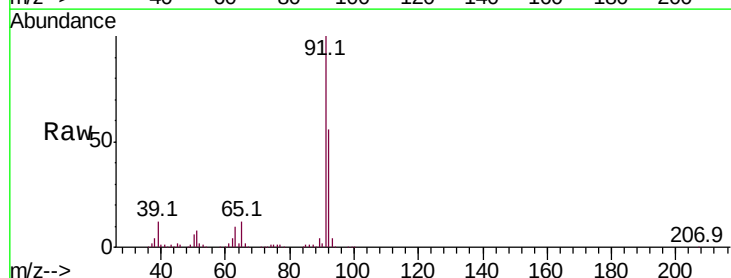
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

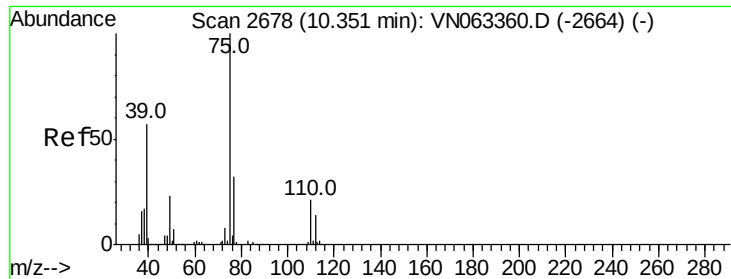
Tot Ion: 43 Resp: 1242201
Ion Ratio Lower Upper
43 100
58 35.9 29.0 43.6



#52
Toluene
Concen: 50.828 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 92 Resp: 485283
Ion Ratio Lower Upper
92 100
91 174.9 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 46.691 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

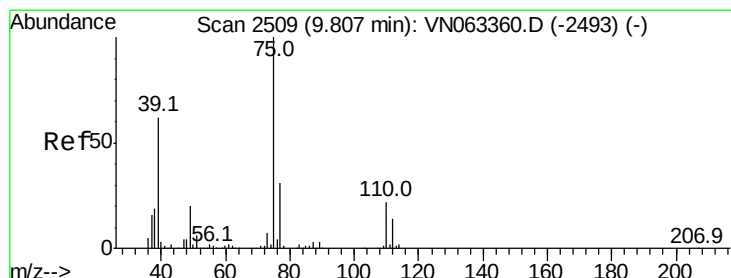
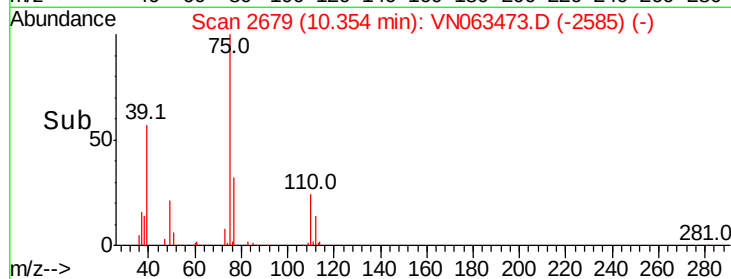
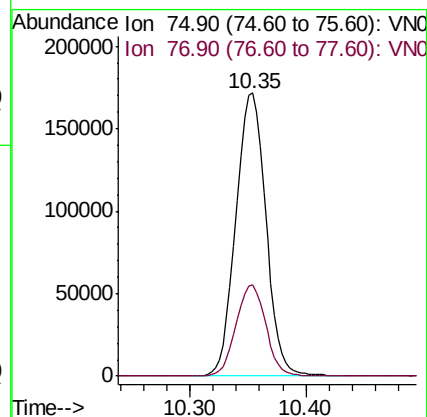
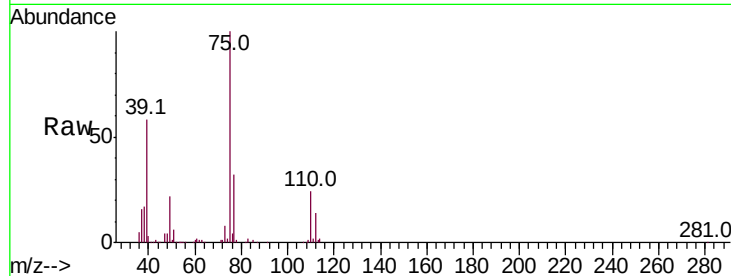
VSTDCCC050EC

Tot Ion: 75 Resp: 307827

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 47.118 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

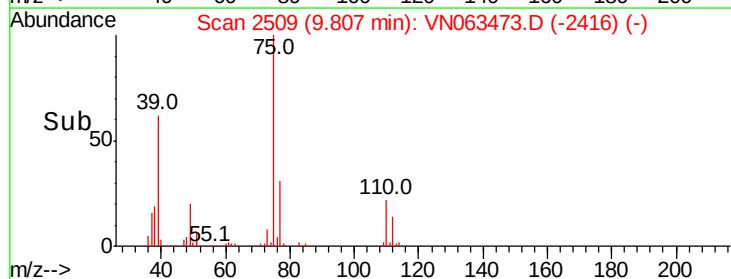
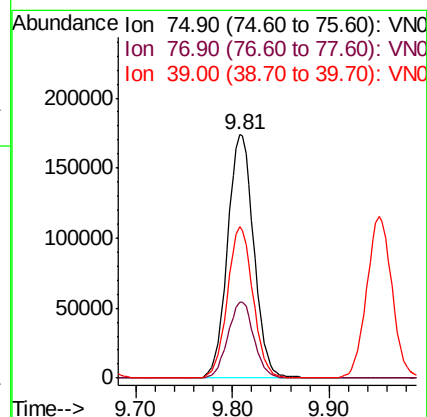
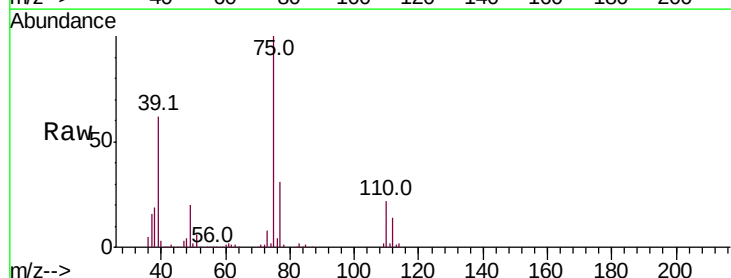
Tgt Ion: 75 Resp: 327666

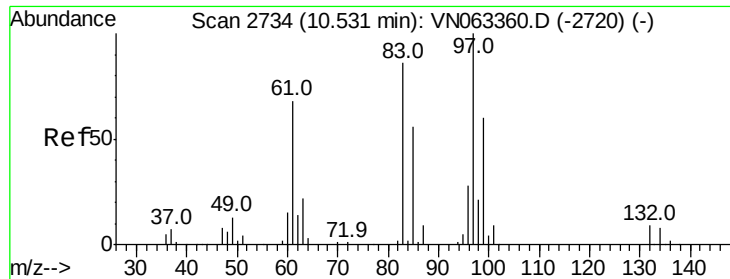
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

39 61.9 49.8 74.8

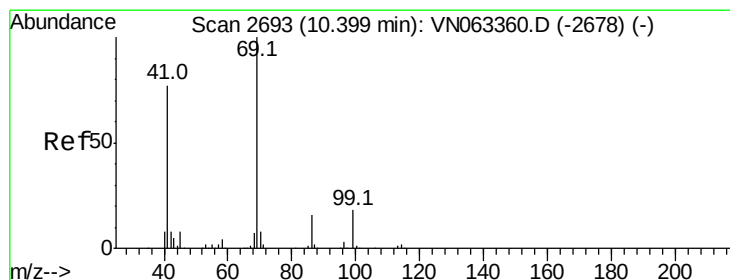
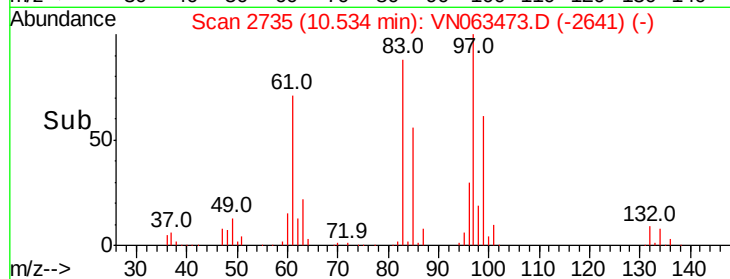
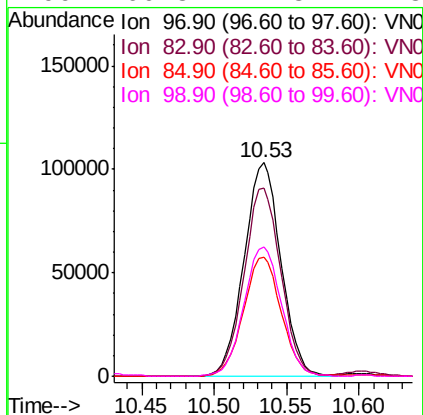
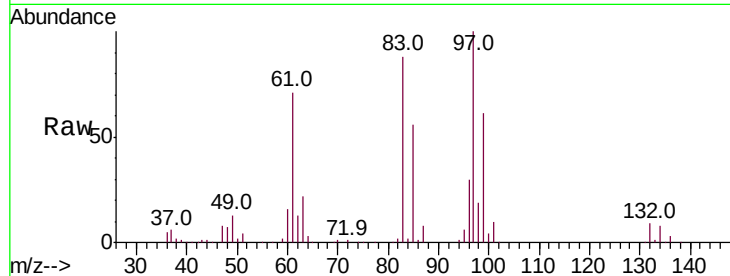




#55
 1,1,2-Trichloroethane
 Concen: 48.210 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

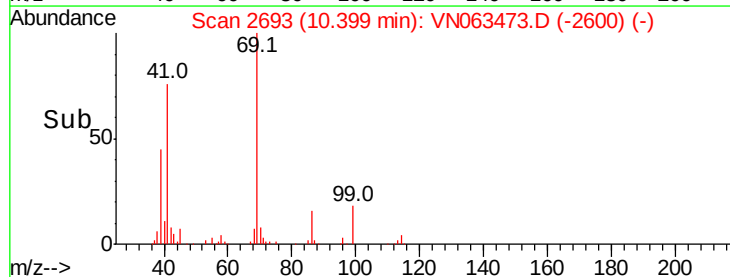
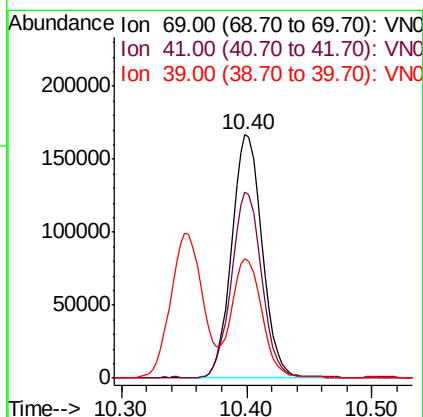
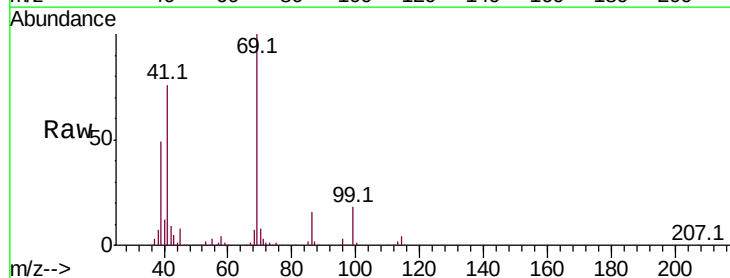
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

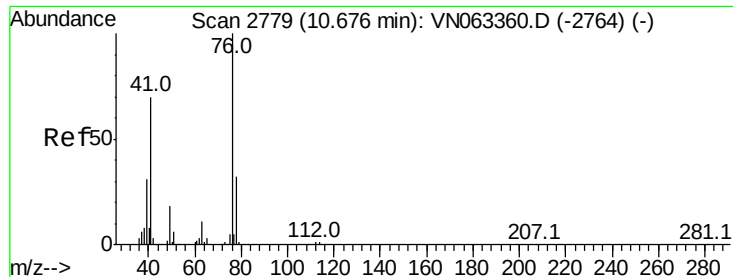
Tot Ion:	97	Resp:	182831
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.9	103.3
85	56.0	44.8	67.2
99	60.8	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 47.856 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion:	69	Resp:	283324
Ion	Ratio	Lower	Upper
69	100		
41	74.9	61.0	91.6
39	49.2	39.2	58.8





#57

1,3-Dichloropropane

Concen: 46.366 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

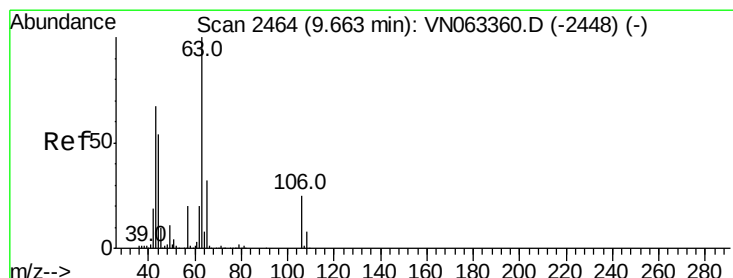
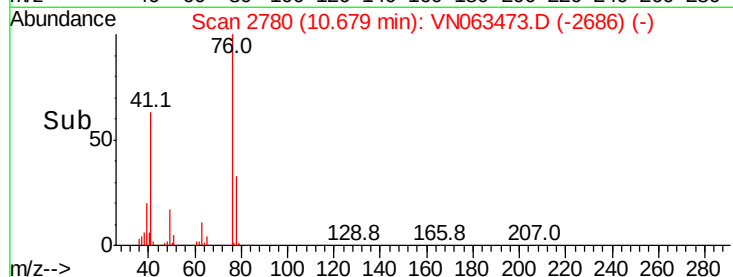
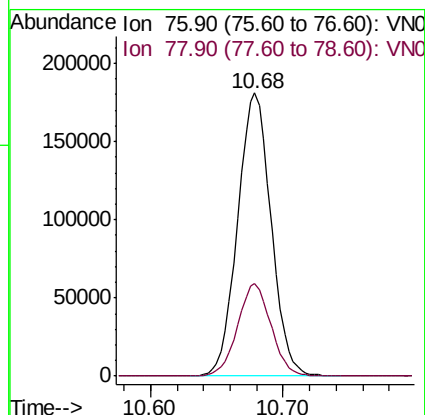
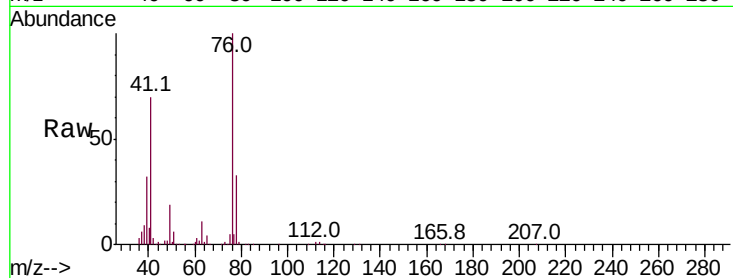
VSTDCCC050EC

Tot Ion: 76 Resp: 317090

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 227.825 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063473.D

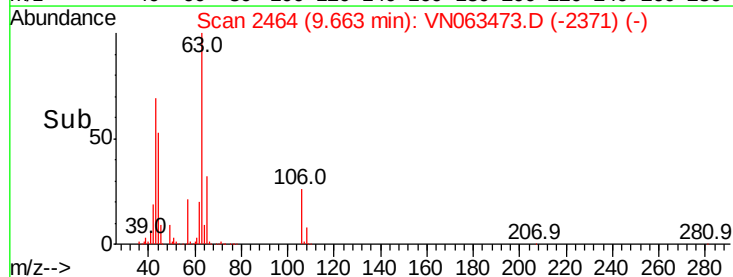
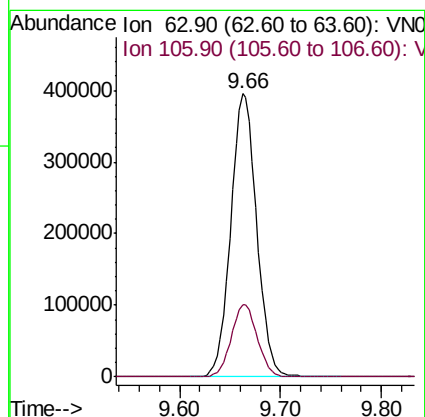
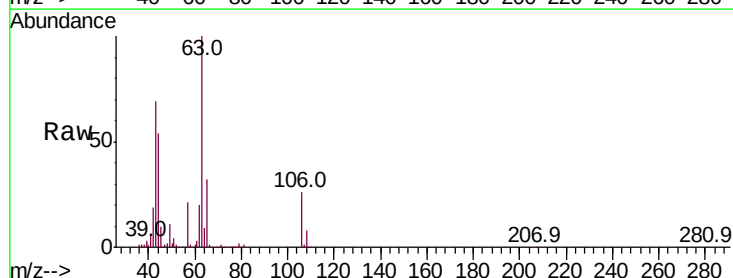
Acq: 18 Sep 2020 21:24

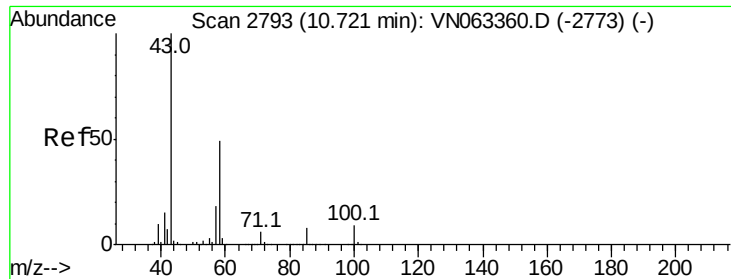
Tgt Ion: 63 Resp: 707553

Ion Ratio Lower Upper

63 100

106 25.8 19.5 29.3

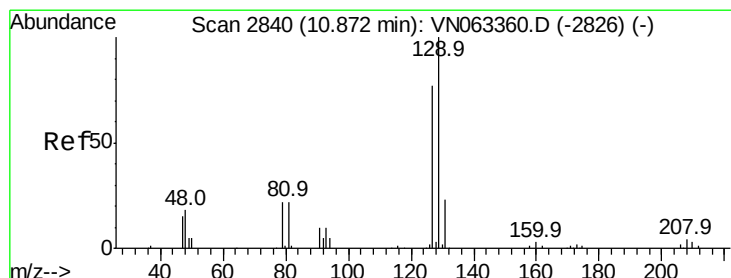
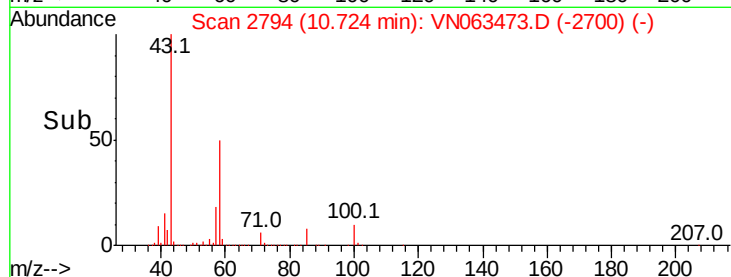
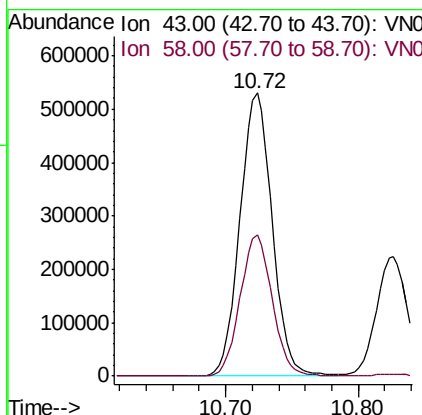
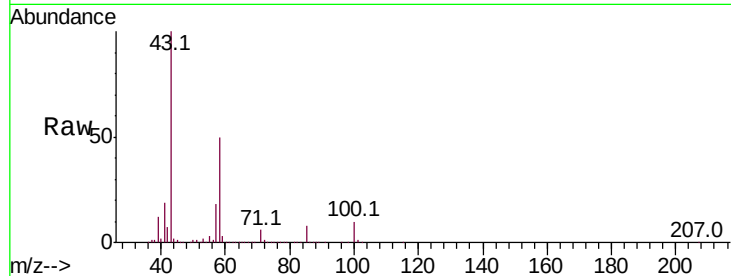




#59
2-Hexanone
Concen: 225.601 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

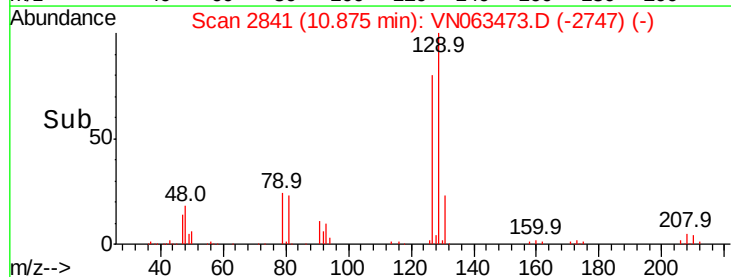
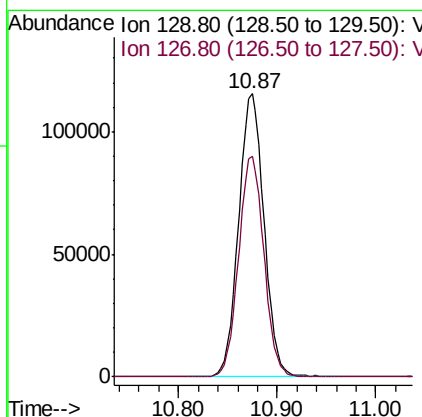
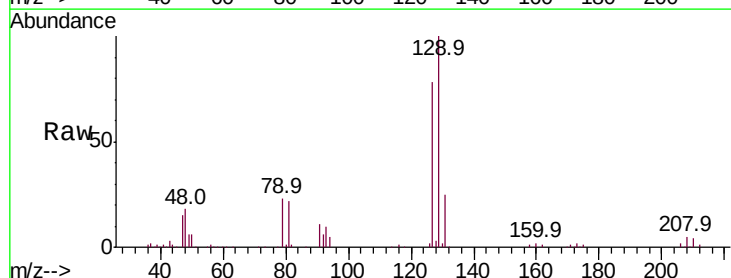
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

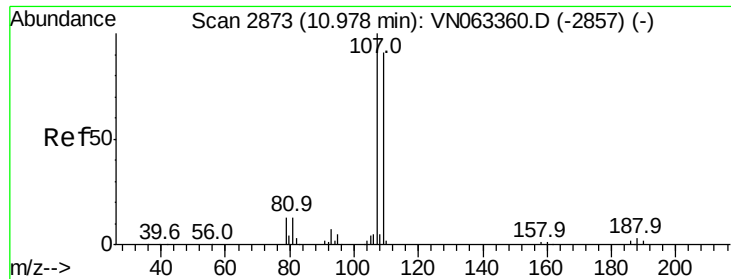
Tot Ion: 43 Resp: 893281
Ion Ratio Lower Upper
43 100
58 49.9 24.7 74.1



#60
Dibromochloromethane
Concen: 48.049 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 129 Resp: 205859
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 48.595 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

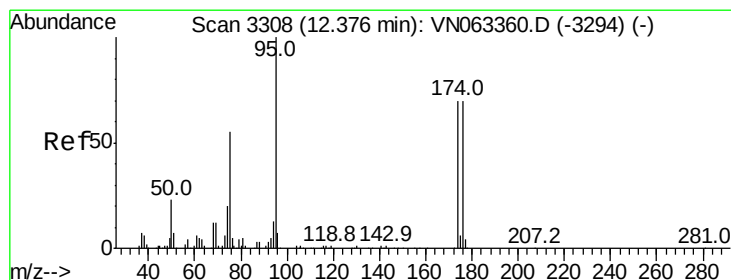
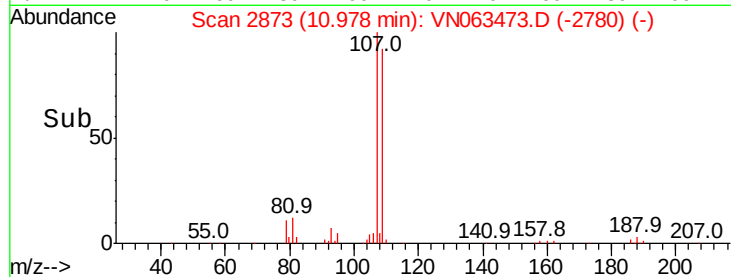
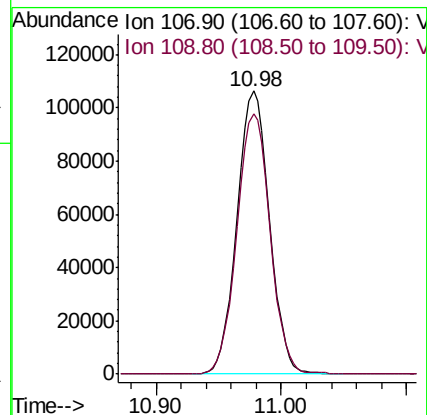
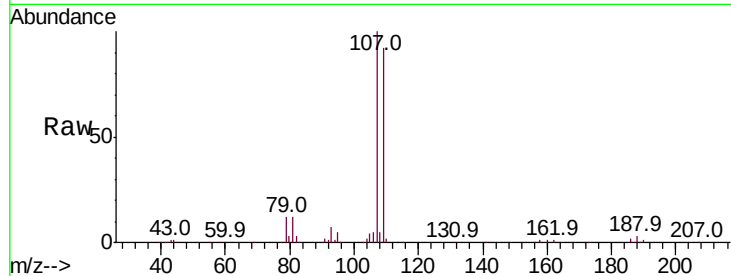
VSTDCCC050EC

Tot Ion:107 Resp: 191463

Ion Ratio Lower Upper

107 100

109 94.3 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 49.471 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

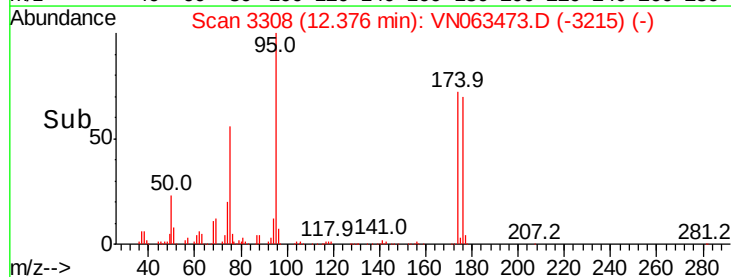
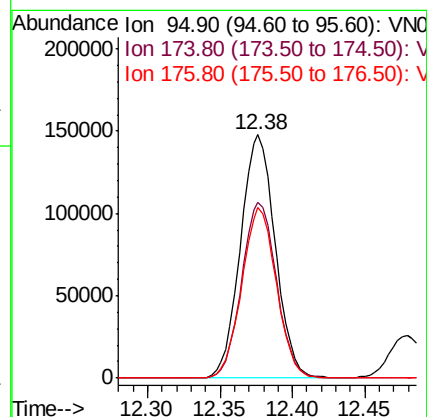
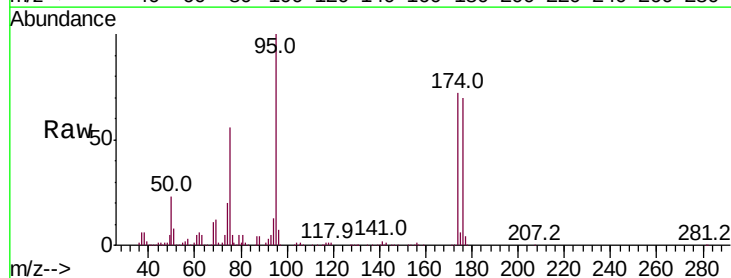
Tgt Ion: 95 Resp: 246501

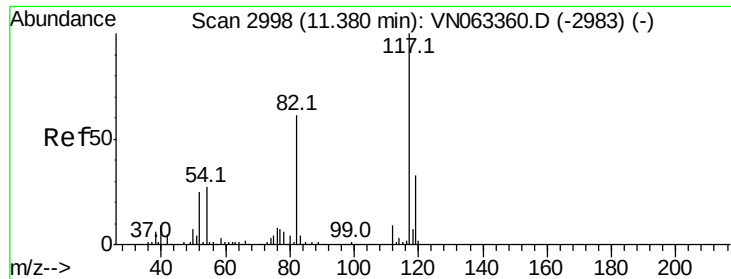
Ion Ratio Lower Upper

95 100

174 72.8 0.0 140.8

176 69.7 0.0 137.6

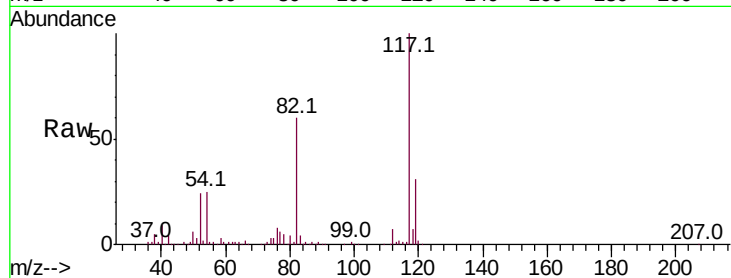




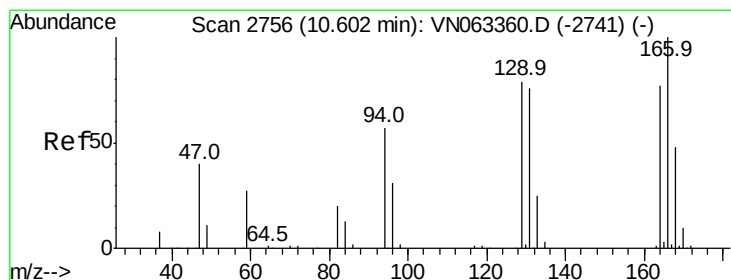
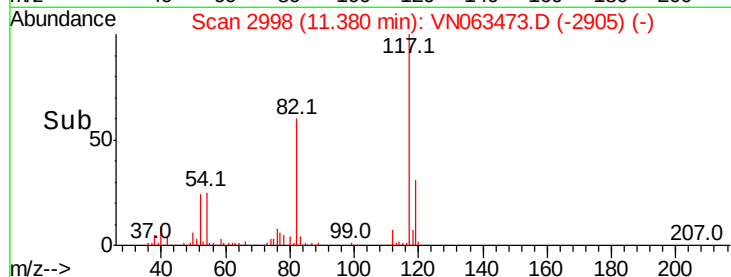
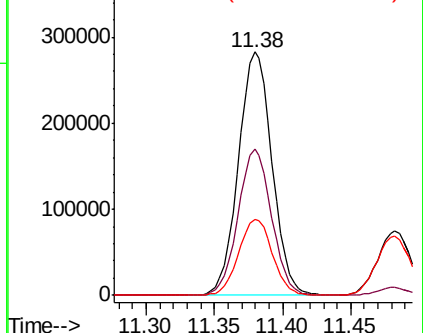
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 484307
Ion Ratio Lower Upper
117 100
82 60.2 49.2 73.8
119 30.9 26.2 39.4

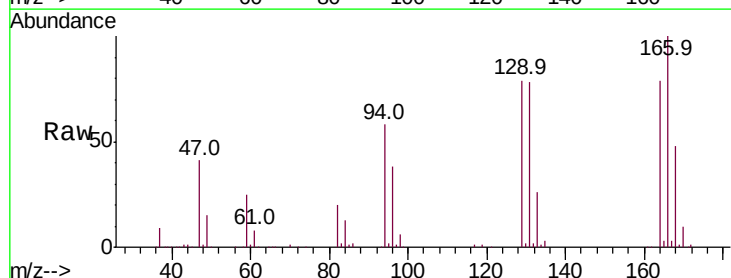


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

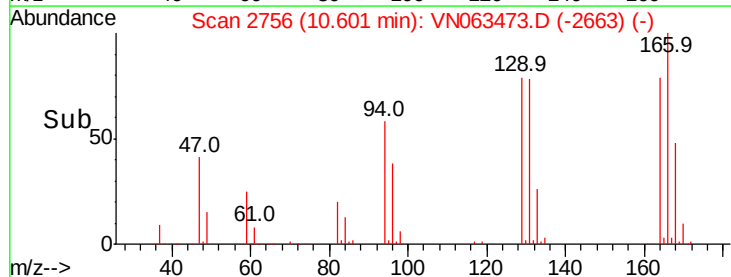
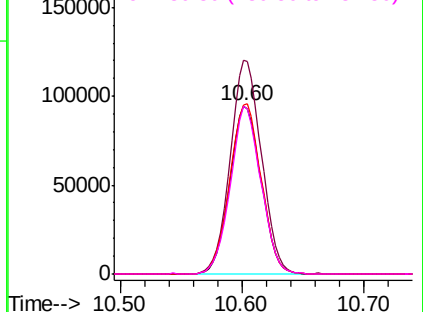


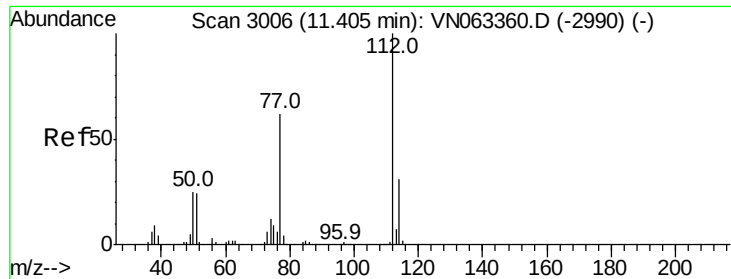
#64
Tetrachloroethene
Concen: 51.307 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion:164 Resp: 169200
Ion Ratio Lower Upper
164 100
166 127.1 103.4 155.0
129 100.8 81.8 122.6
131 99.7 78.2 117.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

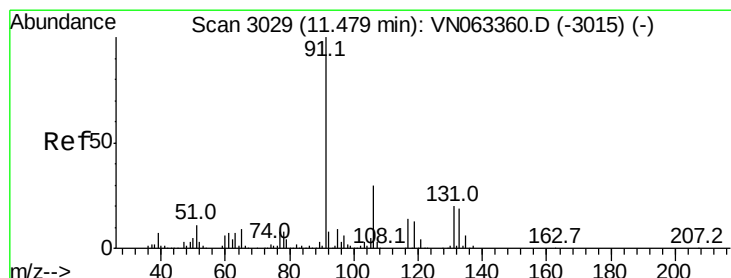
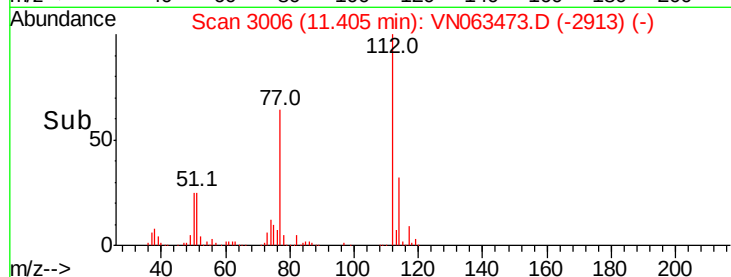
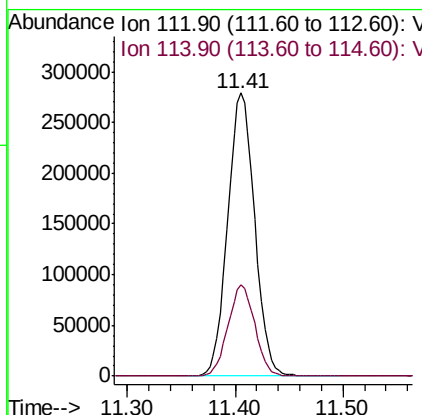
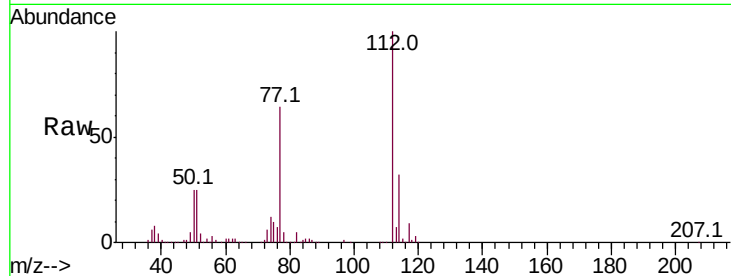




#65
Chlorobenzene
Concen: 47.412 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

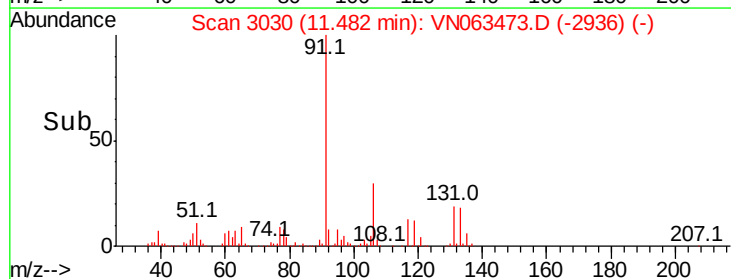
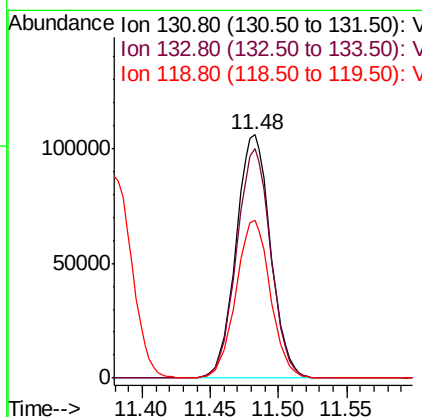
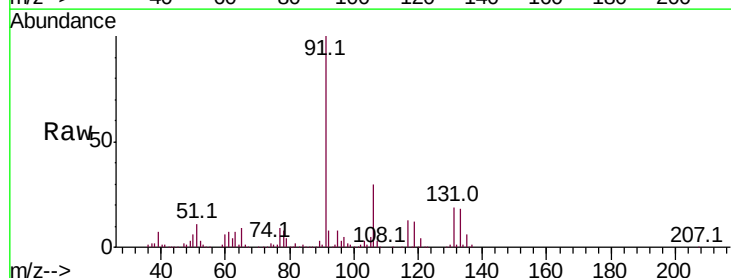
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

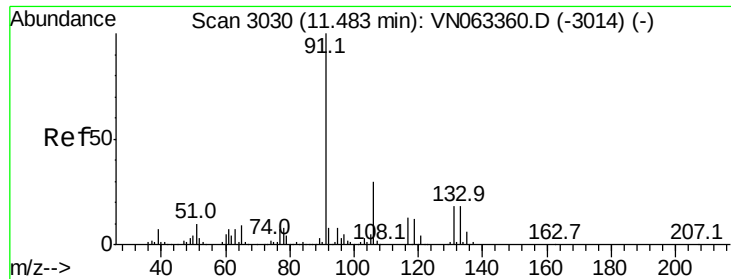
Tot Ion:112 Resp: 487416
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.383 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion:131 Resp: 186099
Ion Ratio Lower Upper
131 100
133 93.4 47.3 141.9
119 64.8 33.6 100.8





#67

Ethyl Benzene

Concen: 48.455 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

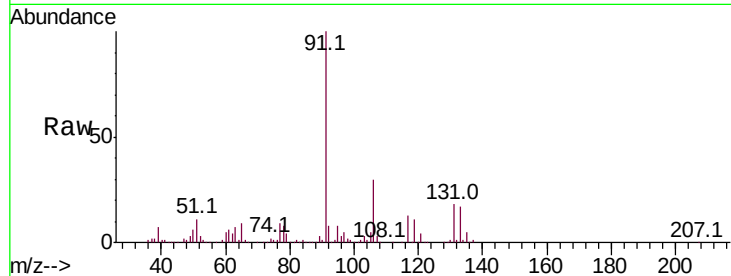
VSTDCCC050EC

Tot Ion: 91 Resp: 938098

Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3014) (-)

Ion 106.00 (105.70 to 106.70): VN063360.D (-3014) (-)

800000

600000

400000

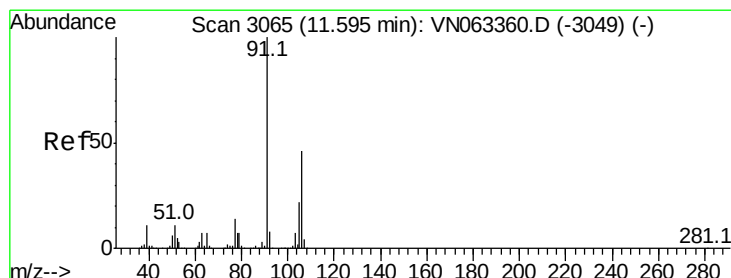
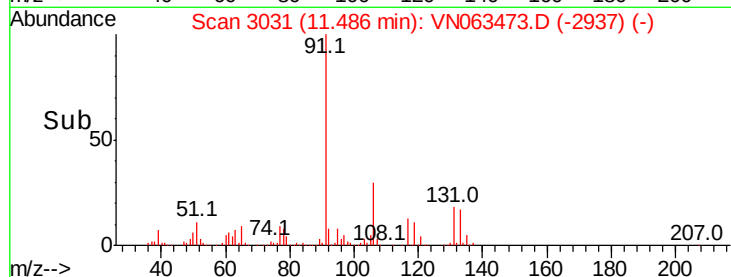
200000

0

11.49

11.50

Time-->



#68

m/p-Xylenes

Concen: 97.565 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063473.D

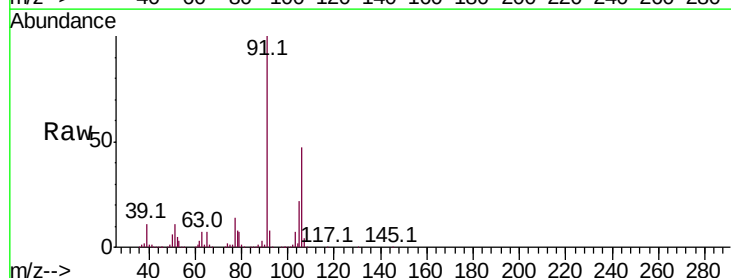
Acq: 18 Sep 2020 21:24

Tgt Ion: 106 Resp: 681035

Ion Ratio Lower Upper

106 100

91 213.5 171.2 256.8



Abundance Ion 106.00 (105.70 to 106.70): VN063360.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-3049) (-)

800000

600000

400000

200000

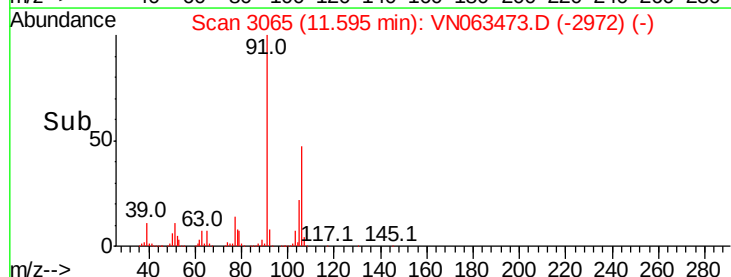
0

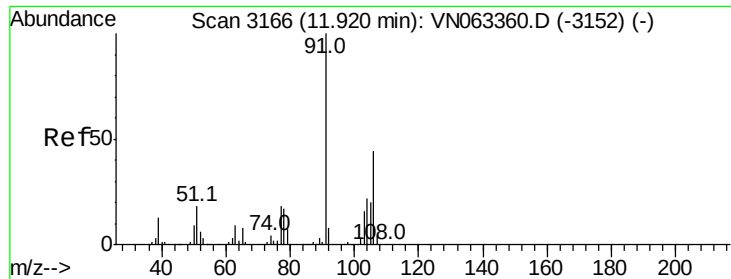
11.59

11.60

11.70

Time-->

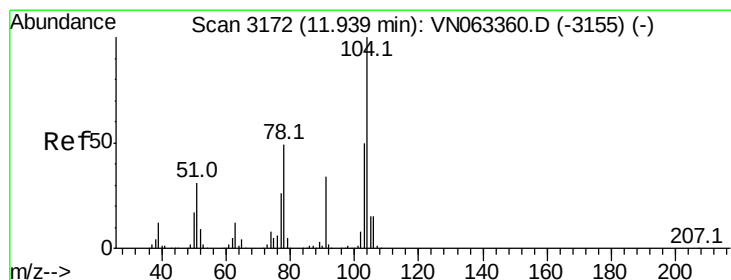
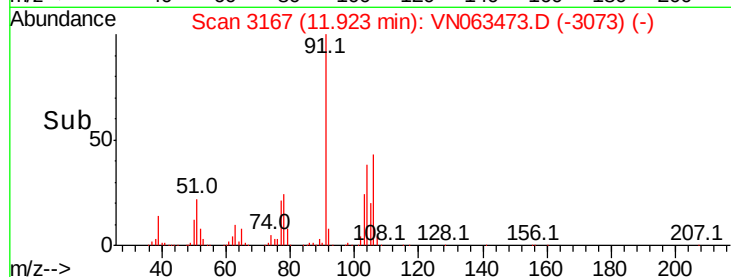
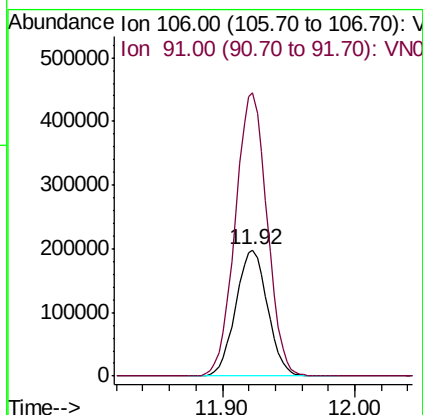
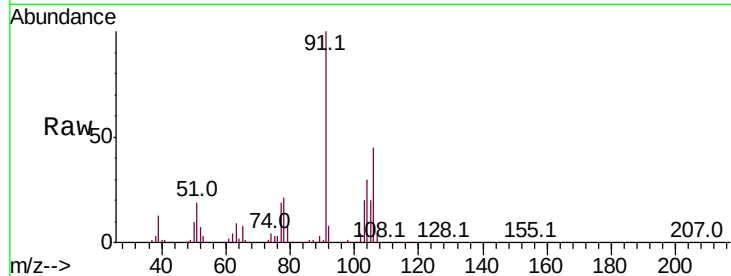




#69
o-Xylene
Concen: 49.913 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

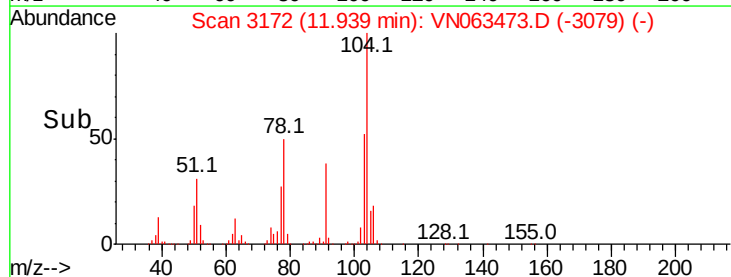
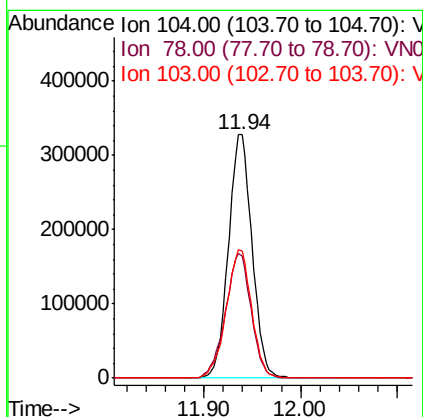
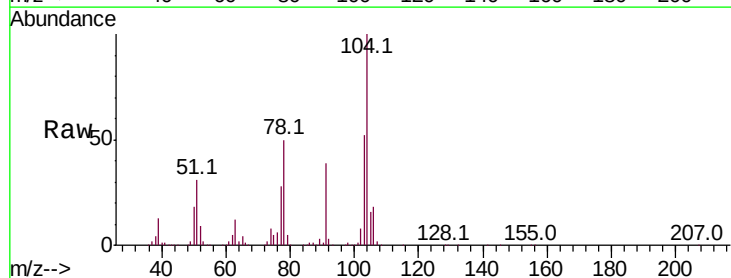
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

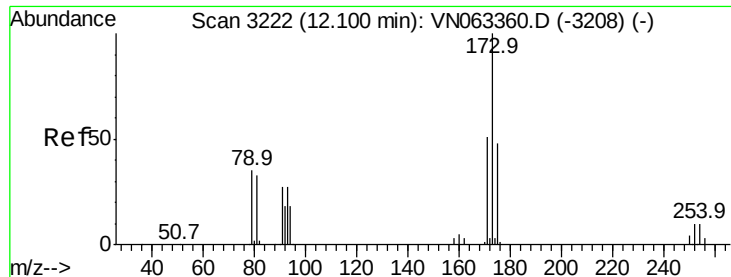
Tot Ion:106 Resp: 331893
Ion Ratio Lower Upper
106 100
91 223.9 113.6 340.8



#70
Styrene
Concen: 49.962 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion:104 Resp: 557126
Ion Ratio Lower Upper
104 100
78 55.7 44.4 66.6
103 56.5 43.7 65.5





#71

Bromoform

Concen: 47.278 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

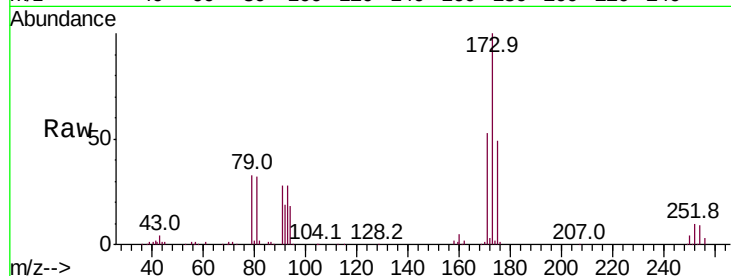
Tot Ion:173 Resp: 132729

Ion Ratio Lower Upper

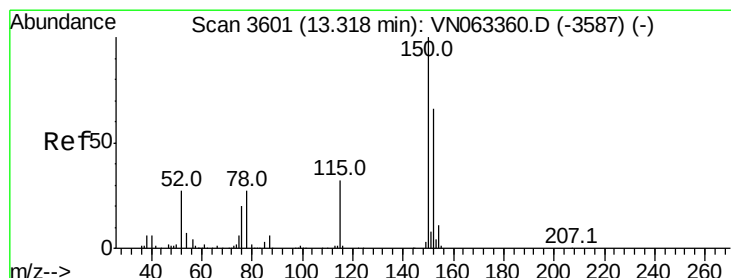
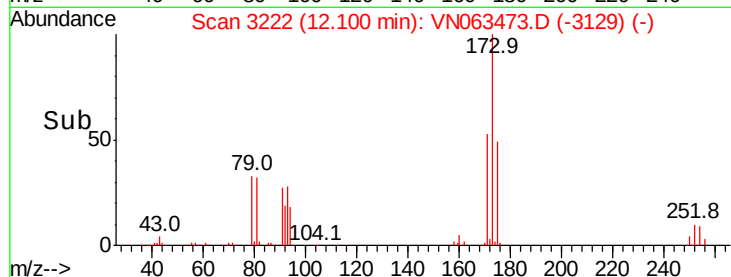
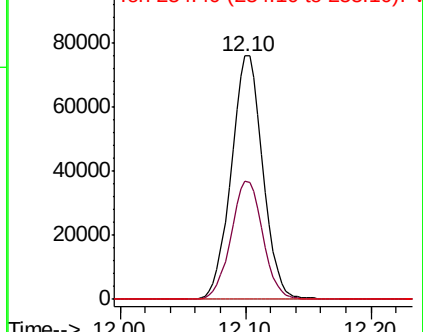
173 100

175 48.8 24.0 72.0

254 0.1 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: VN063473.D

Acq: 18 Sep 2020 21:24

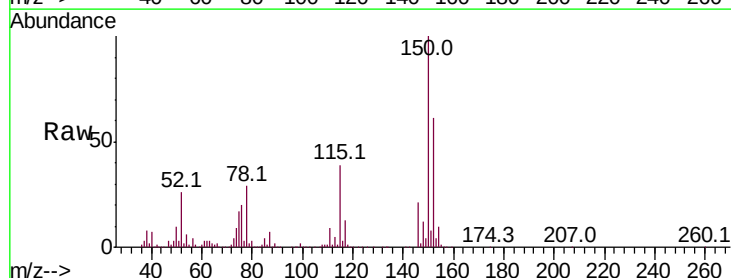
Tgt Ion:152 Resp: 231698

Ion Ratio Lower Upper

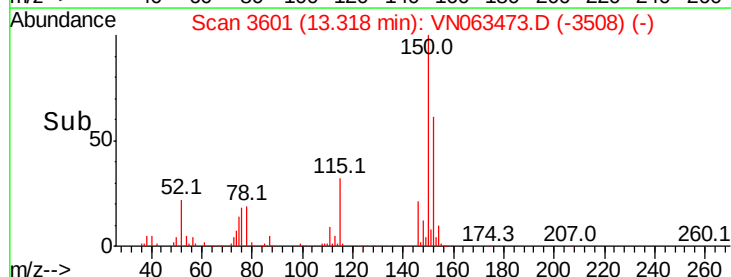
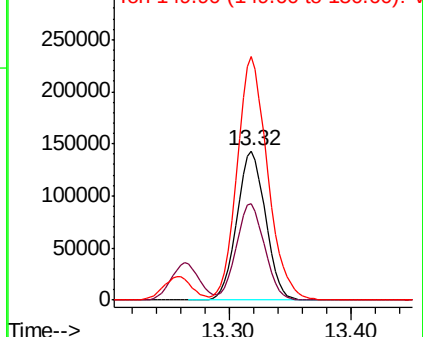
152 100

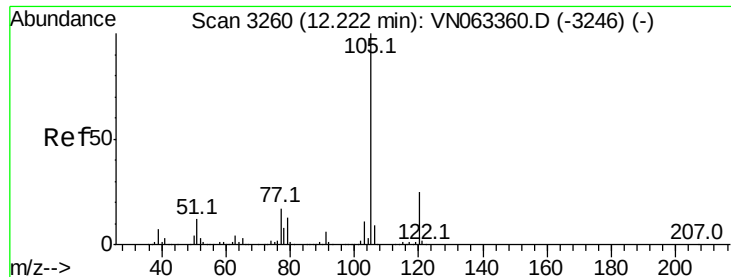
115 63.3 32.2 96.6

150 173.4 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: 48.486 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

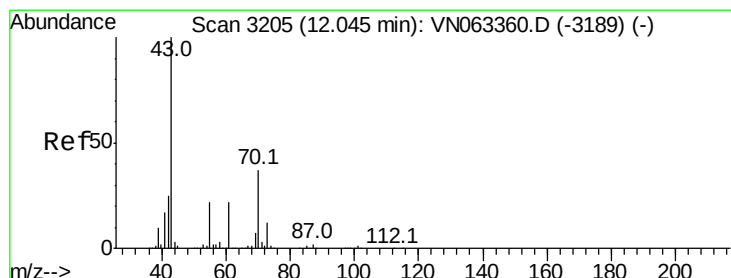
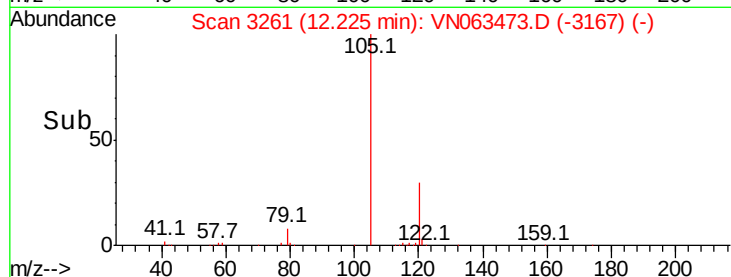
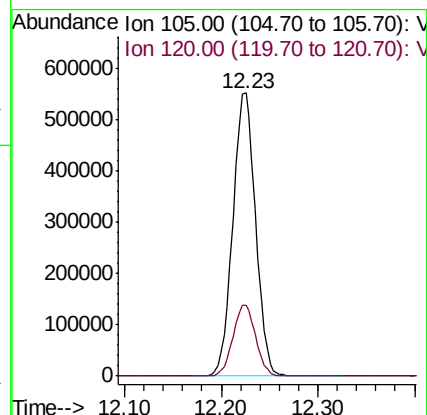
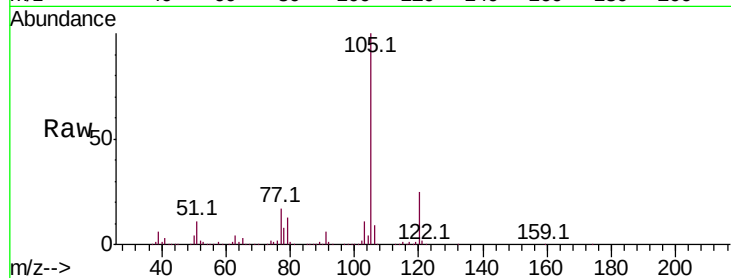
VSTDCCC050EC

Tot Ion:105 Resp: 900242

Ion Ratio Lower Upper

105 100

120 25.2 12.7 38.0



#74

N-ethyl acetate

Concen: 45.136 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion: 43 Resp: 396704

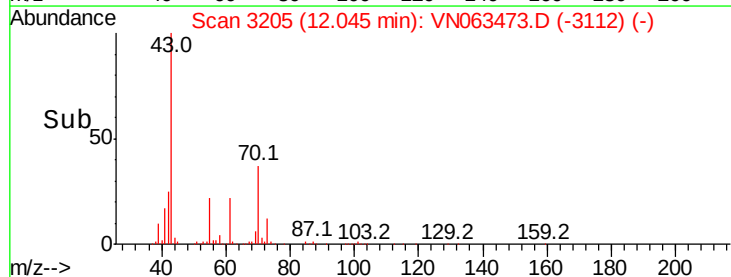
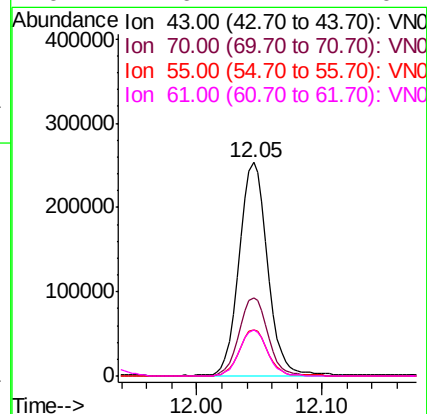
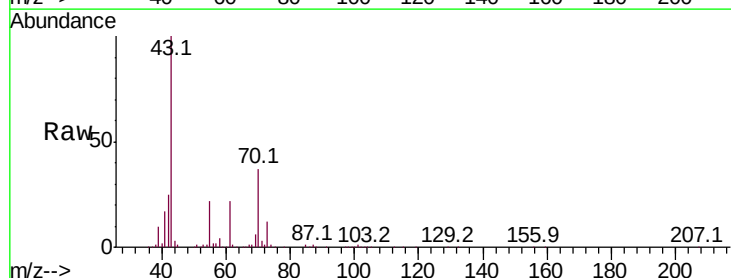
Ion Ratio Lower Upper

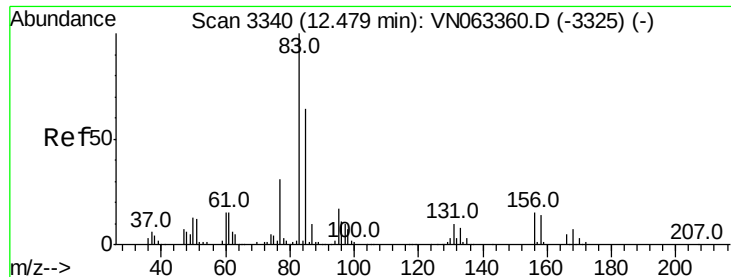
43 100

70 37.6 29.6 44.4

55 21.6 17.7 26.5

61 21.6 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.921 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

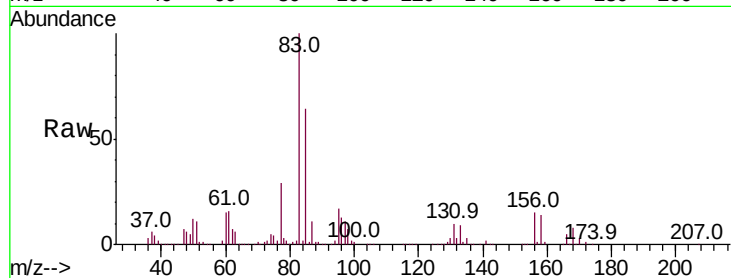
Tot Ion: 83 Resp: 258245

Ion Ratio Lower Upper

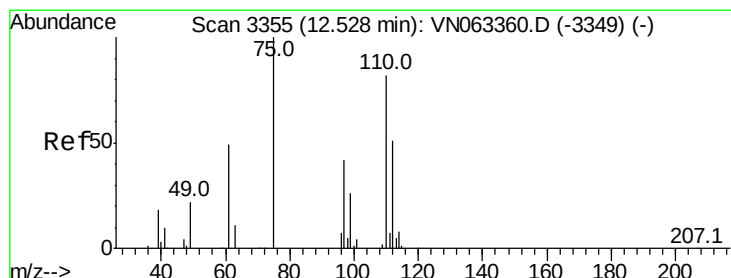
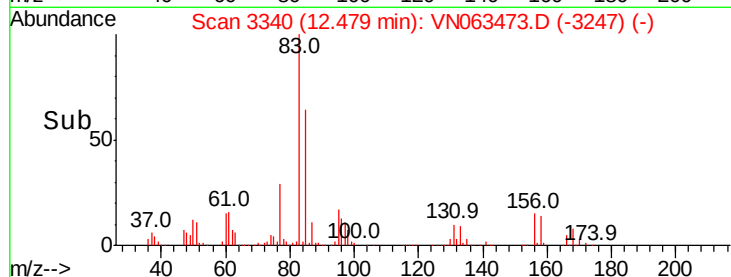
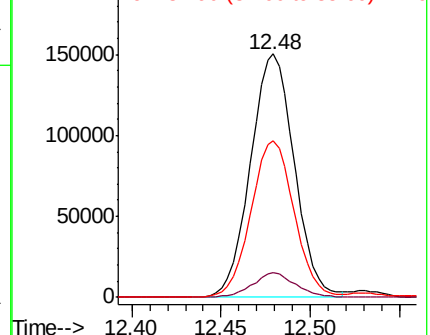
83 100

131 9.9 4.9 14.7

85 63.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 61.400 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063473.D

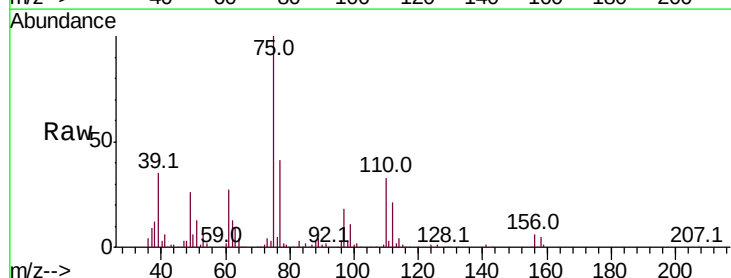
Acq: 18 Sep 2020 21:24

Tgt Ion: 75 Resp: 352120

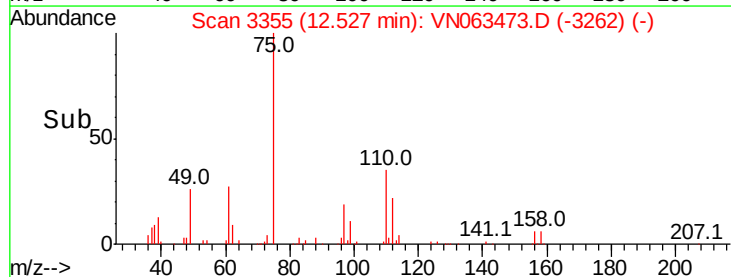
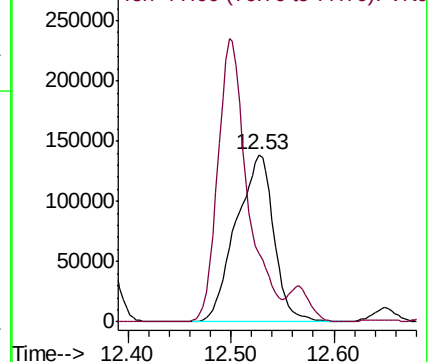
Ion Ratio Lower Upper

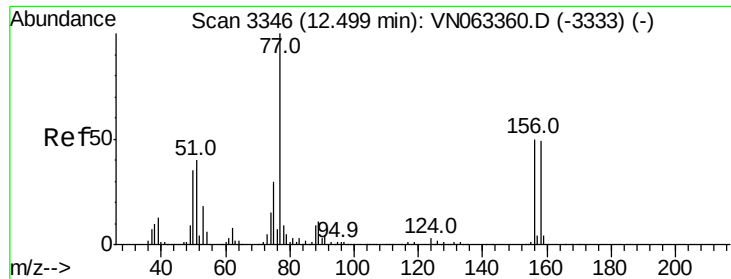
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 50.323 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

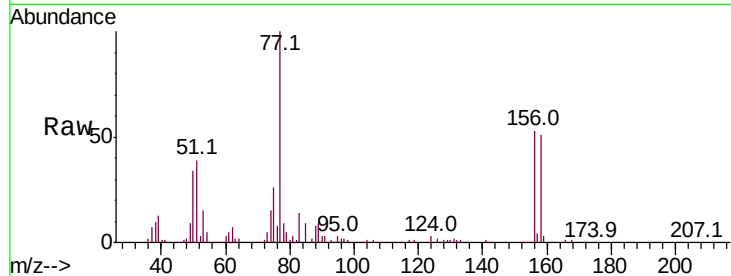
Tot Ion:156 Resp: 210175

Ion Ratio Lower Upper

156 100

77 225.0 120.2 360.6

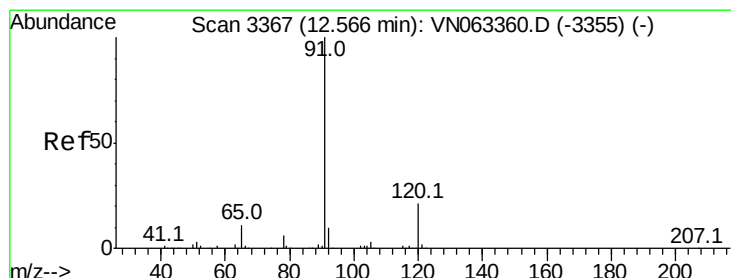
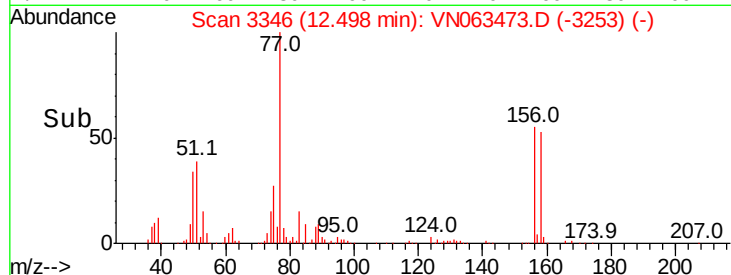
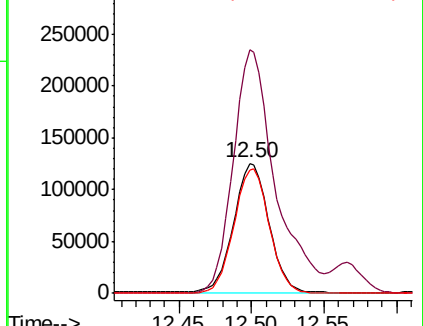
158 96.9 48.9 146.6



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: 48.193 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063473.D

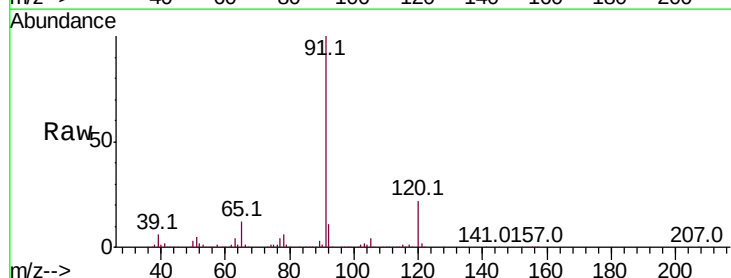
Acq: 18 Sep 2020 21:24

Tgt Ion: 91 Resp: 1042187

Ion Ratio Lower Upper

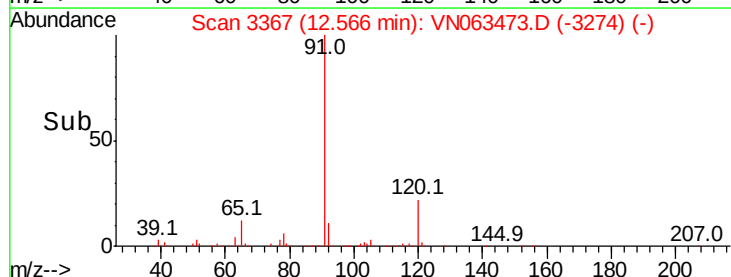
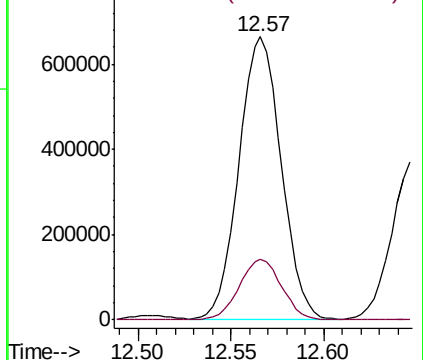
91 100

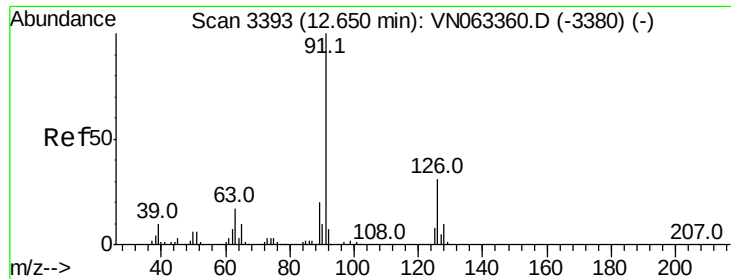
120 21.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

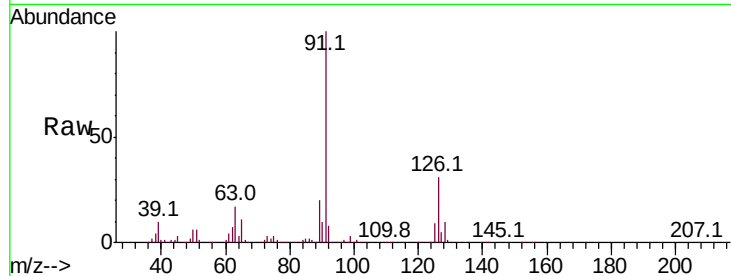




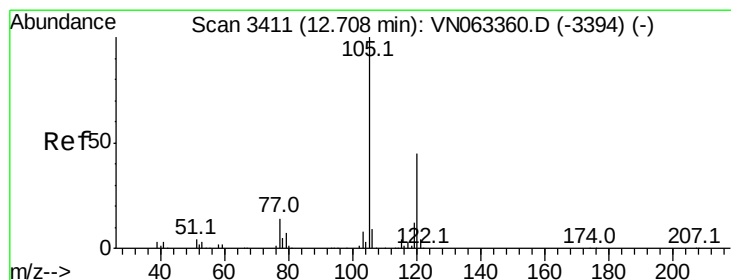
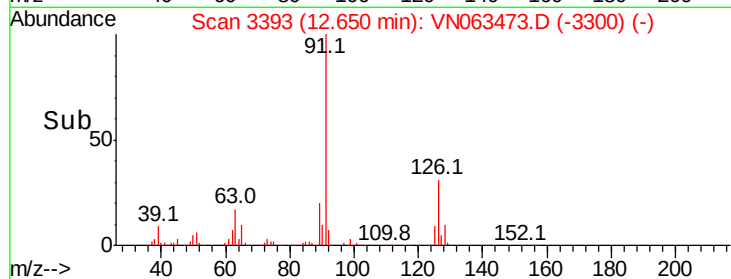
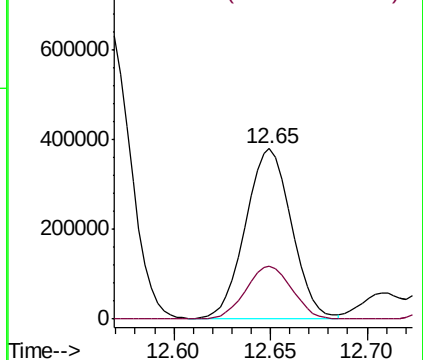
#79
2-Chlorotoluene
Concen: 48.013 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 622405
Ion Ratio Lower Upper
91 100
126 31.7 15.8 47.3

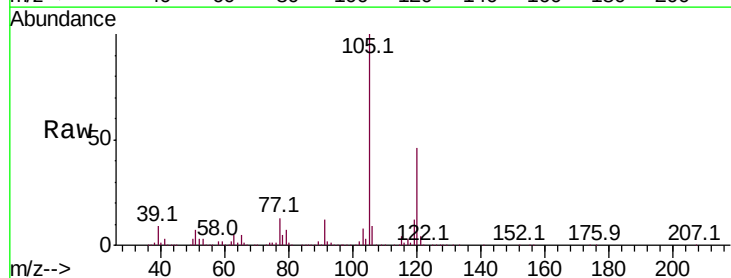


Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)
Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)

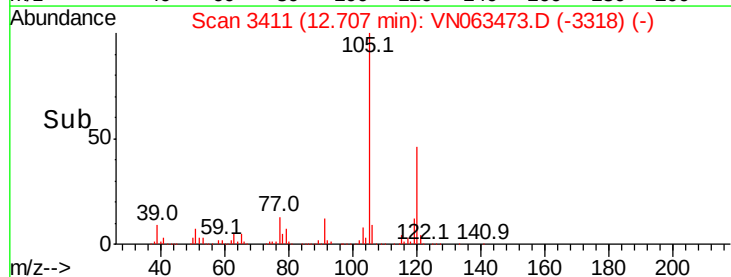
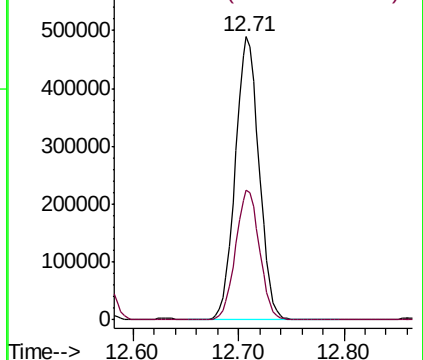


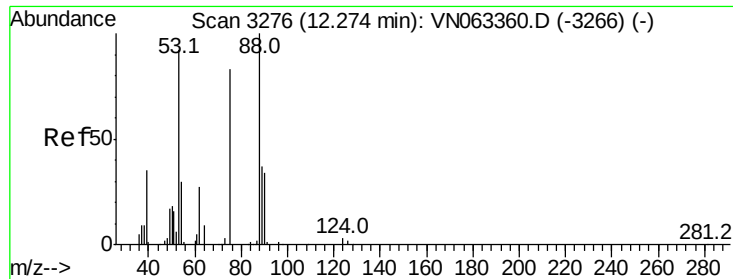
#80
1,3,5-Trimethylbenzene
Concen: 49.100 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion:105 Resp: 760186
Ion Ratio Lower Upper
105 100
120 46.0 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) (-)

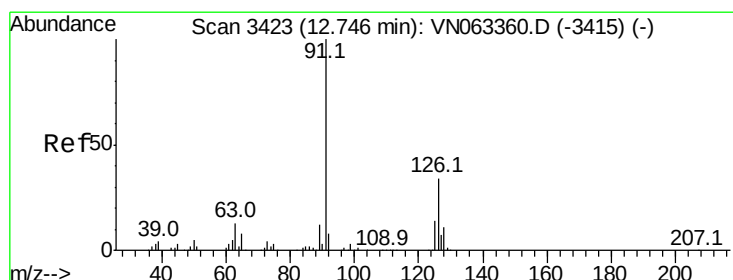
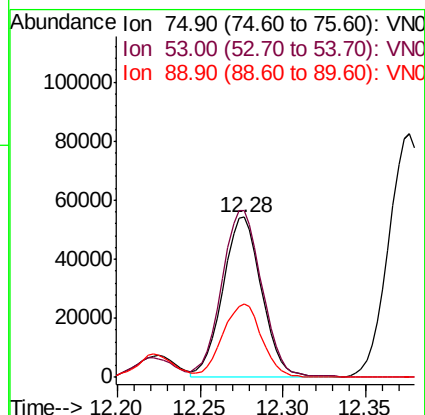
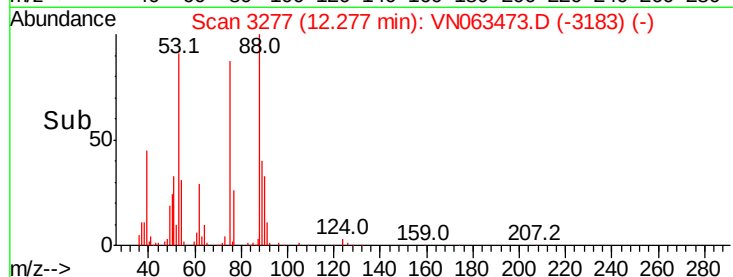
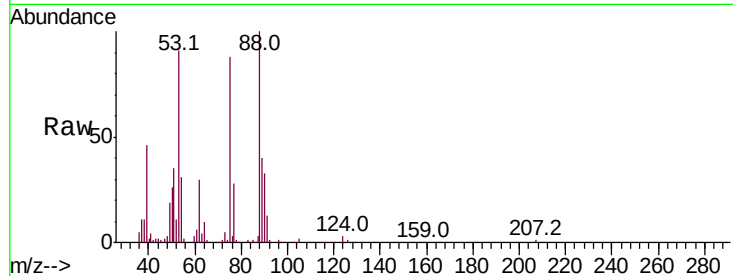




#81
trans-1,4-Dichloro-2-butene
Concen: 42.279 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

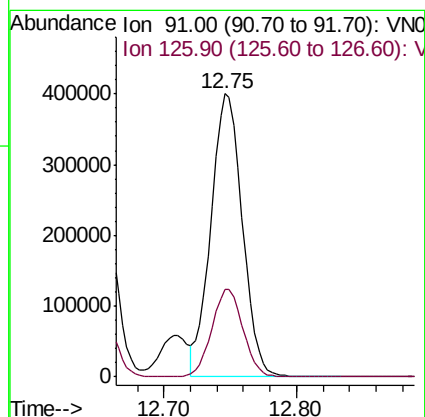
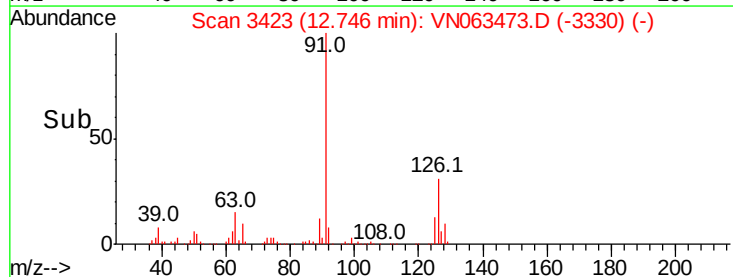
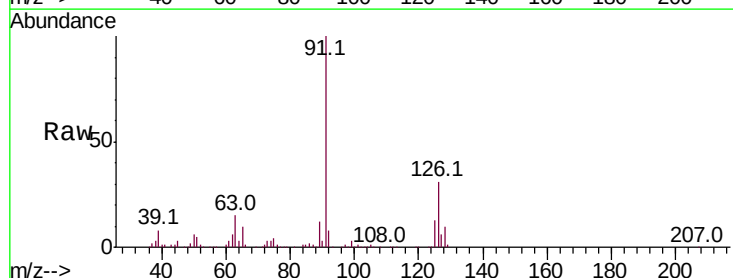
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

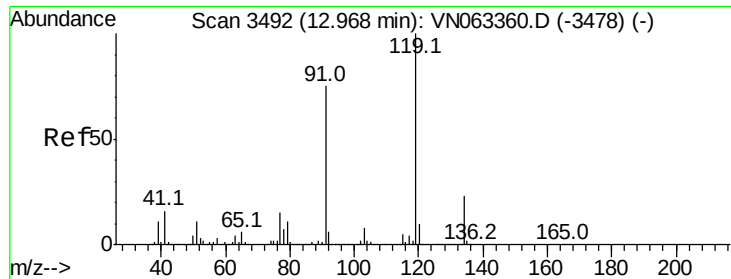
Tot Ion: 75 Resp: 88438
Ion Ratio Lower Upper
75 100
53 108.0 85.7 128.5
89 46.4 38.0 57.0



#82
4-Chlorotoluene
Concen: 47.811 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063473.D
Acq: 18 Sep 2020 21:24

Tgt Ion: 91 Resp: 654857
Ion Ratio Lower Upper
91 100
126 30.7 15.5 46.5

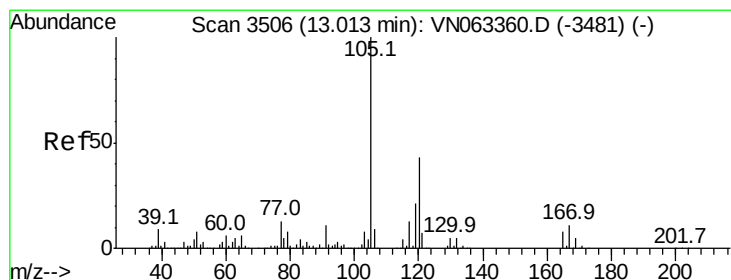
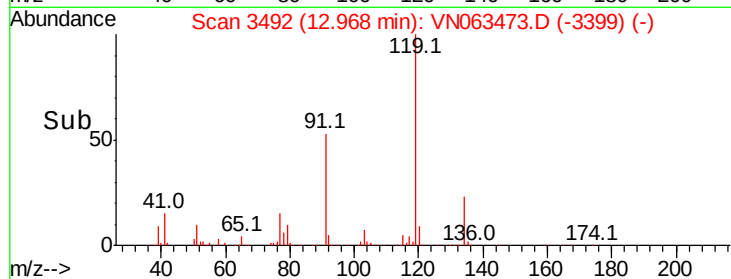
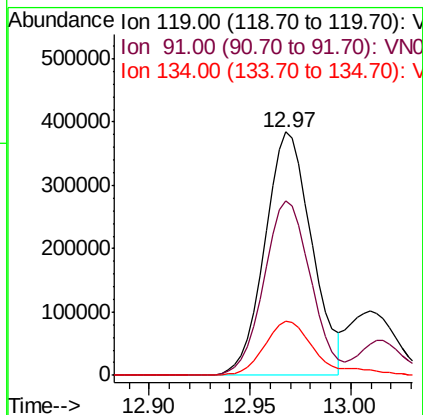
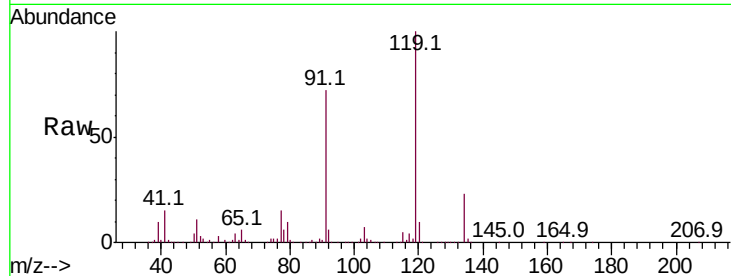




#83
 tert-Butylbenzene
 Concen: 48.651 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

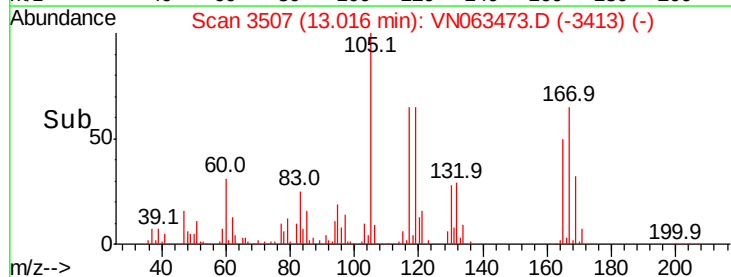
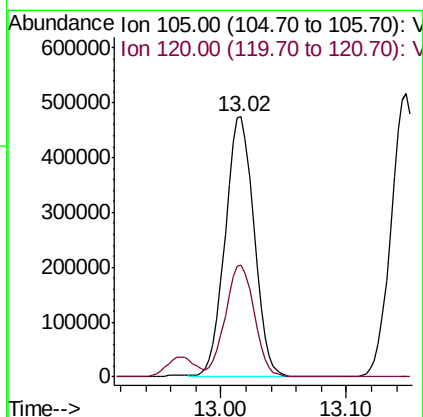
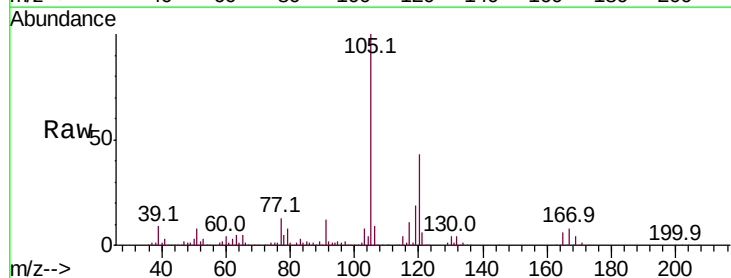
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

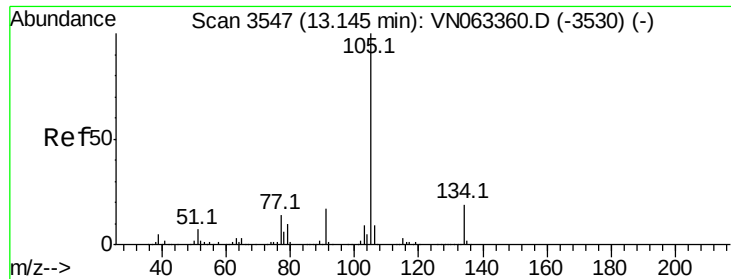
Tot Ion:119 Resp: 621678
 Ion Ratio Lower Upper
 119 100
 91 71.3 36.3 108.9
 134 24.5 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 48.410 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion:105 Resp: 757069
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.3 63.9





#85

sec-Butylbenzene

Concen: 47.993 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

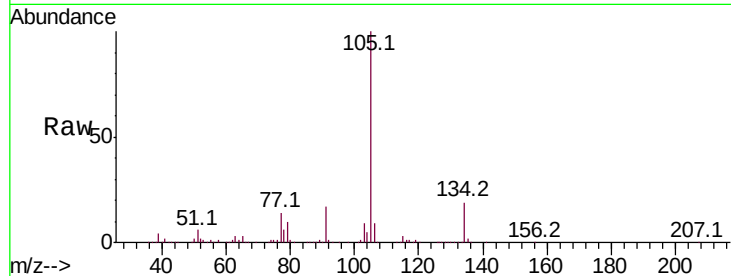
VSTDCCC050EC

Tot Ion:105 Resp: 820894

Ion Ratio Lower Upper

105 100

134 18.7 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

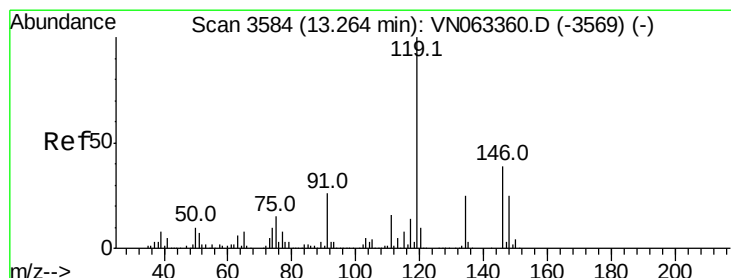
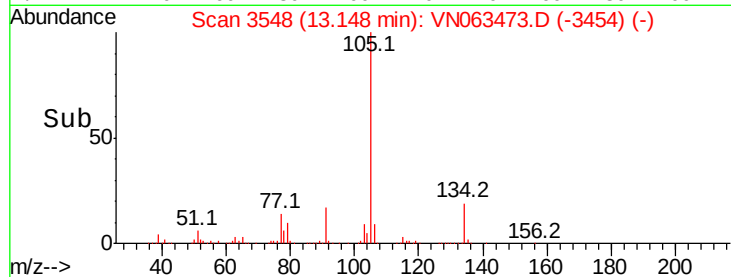
200000

100000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 48.867 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

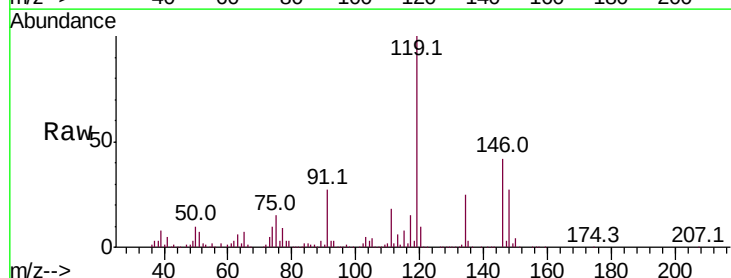
Tgt Ion:119 Resp: 737228

Ion Ratio Lower Upper

119 100

134 25.1 12.5 37.5

91 26.3 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

600000

500000

400000

300000

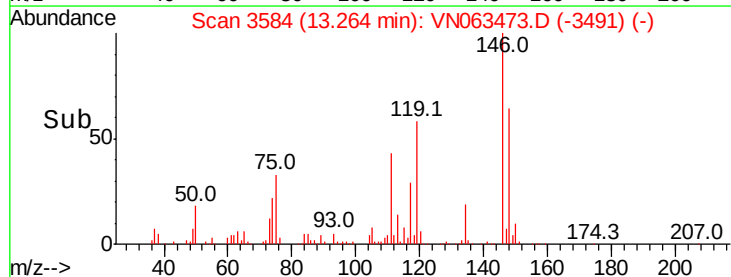
200000

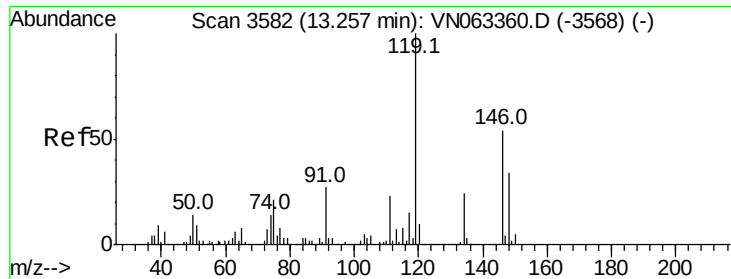
100000

0

13.20 13.25 13.30

Time-->





#87

1,3-Dichlorobenzene

Concen: 48.428 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

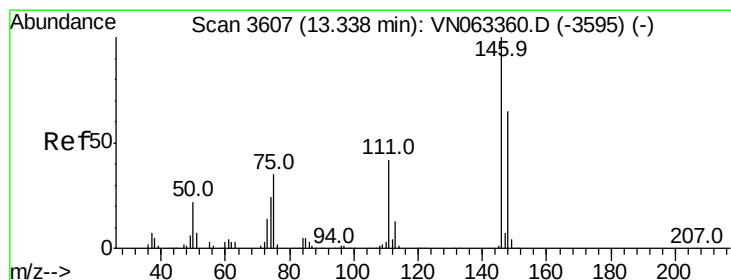
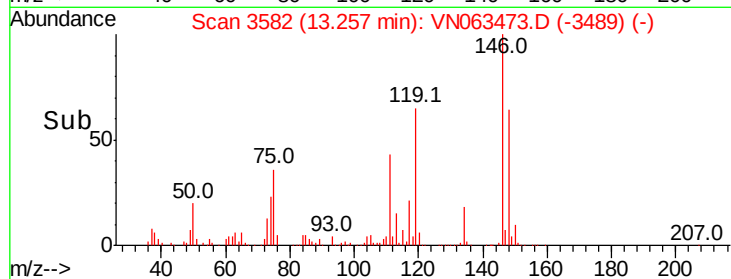
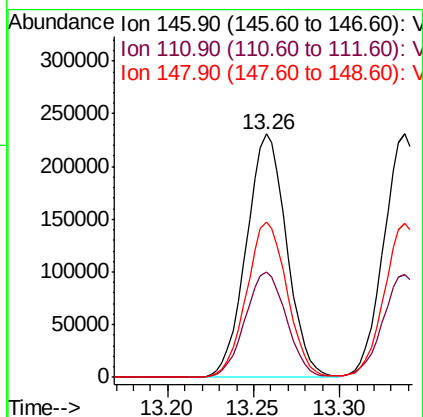
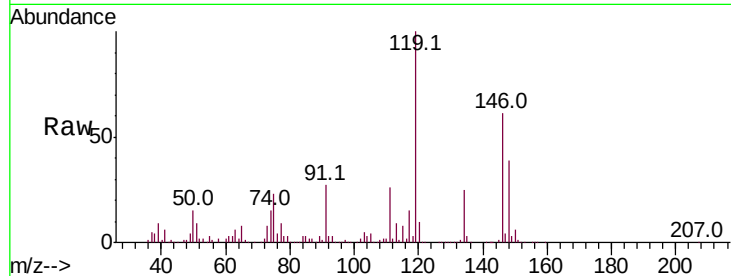
Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 374883

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.4	64.3
148	64.2	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 48.522 ug/l

RT: 13.34 min Scan# 3607

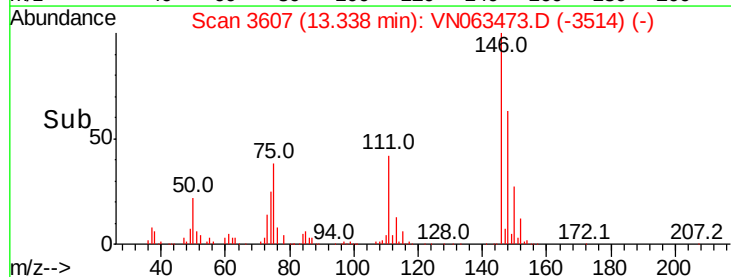
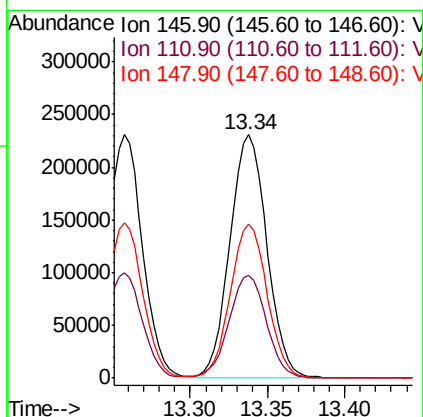
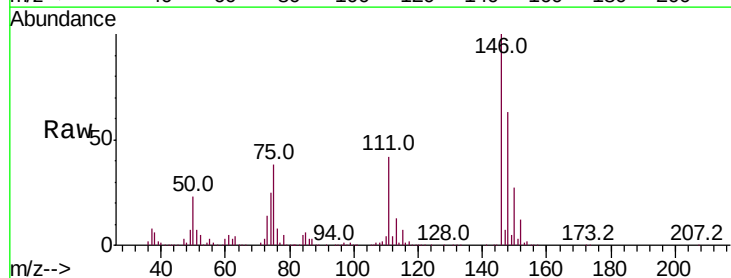
Delta R.T. -0.00 min

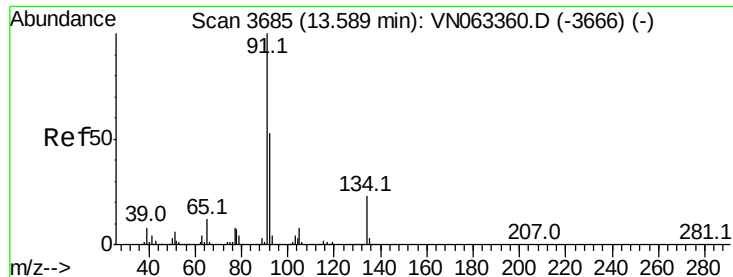
Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion:146 Resp: 381883

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.2	63.6
148	63.4	31.9	95.9





#89

n-Butylbenzene

Concen: 48.262 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

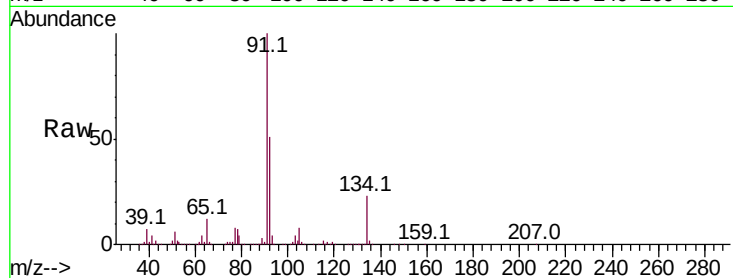
Tot Ion: 91 Resp: 671127

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

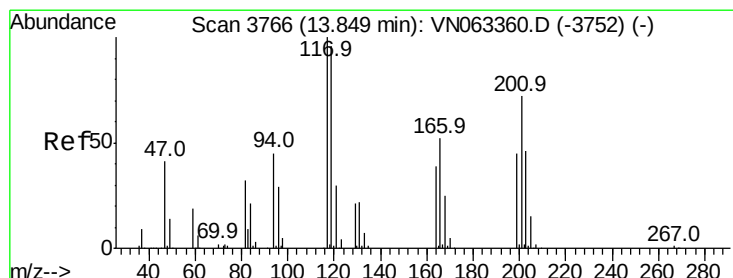
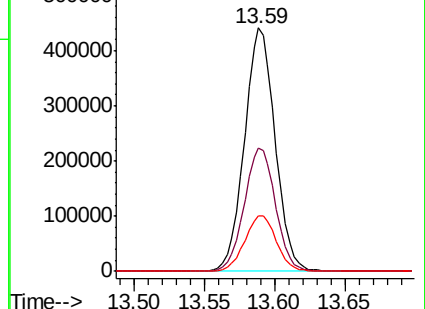
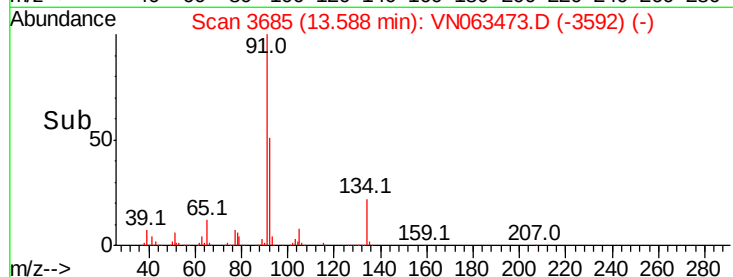
134 23.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)



#90

Hexachloroethane

Concen: 45.332 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063473.D

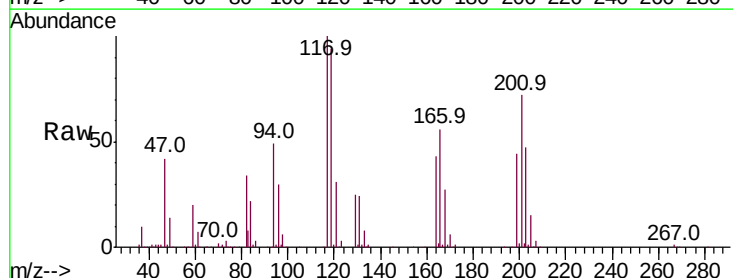
Acq: 18 Sep 2020 21:24

Tgt Ion: 117 Resp: 130226

Ion Ratio Lower Upper

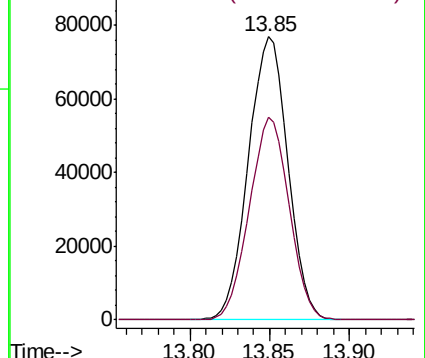
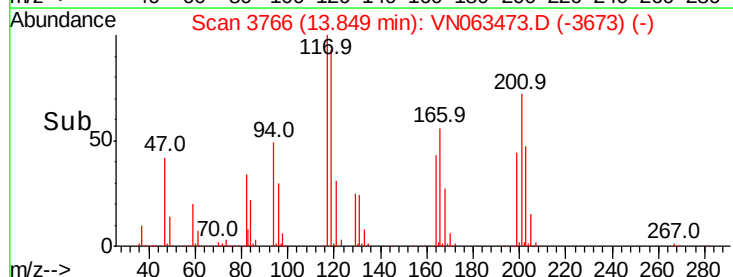
117 100

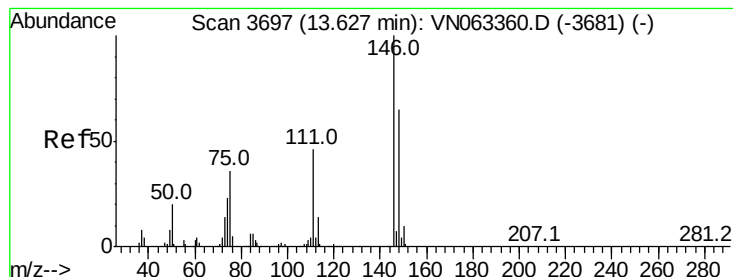
201 72.0 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)





#91

1,2-Dichlorobenzene

Concen: 47.665 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

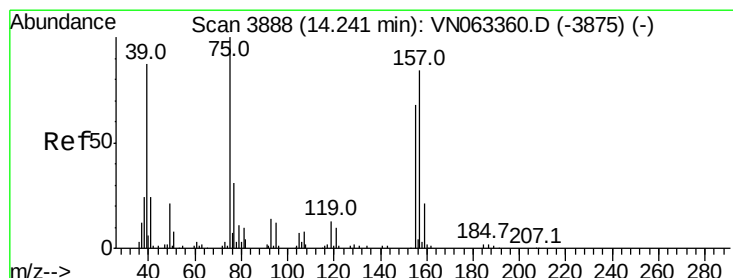
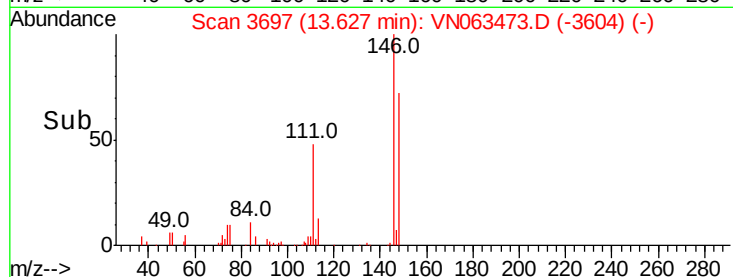
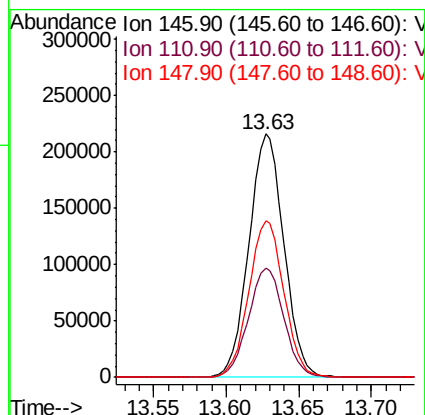
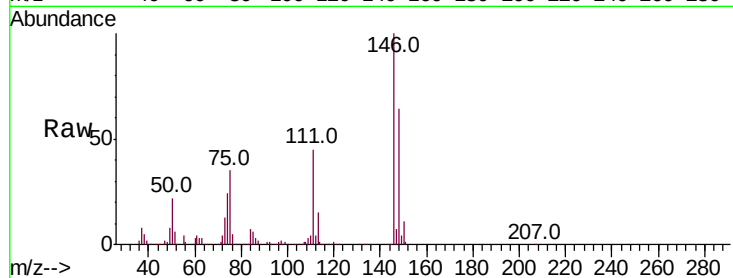
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	362255
Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.4	67.2
148	64.8	32.0	96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.934 ug/l

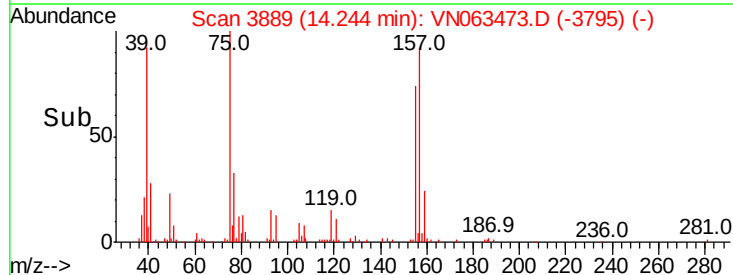
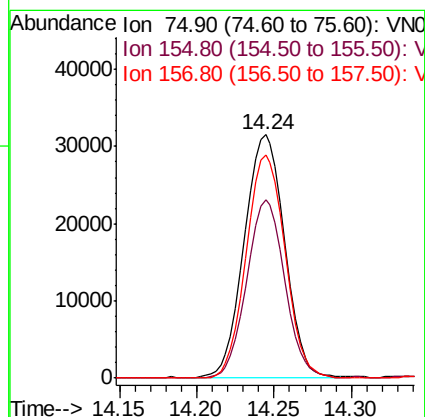
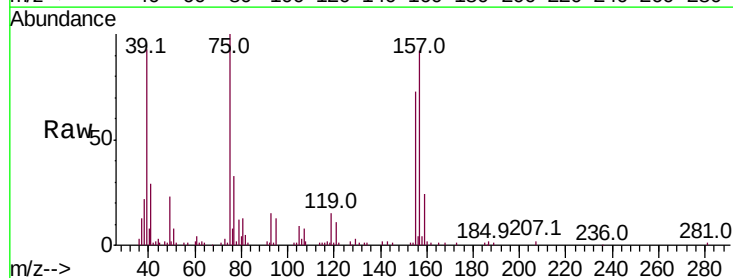
RT: 14.24 min Scan# 3889

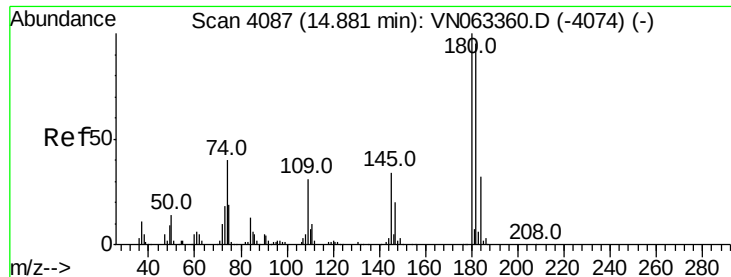
Delta R.T. 0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Tgt Ion:	75	Resp:	57406
Ion	Ratio	Lower	Upper
75	100		
155	69.0	34.6	103.9
157	88.3	43.7	131.1

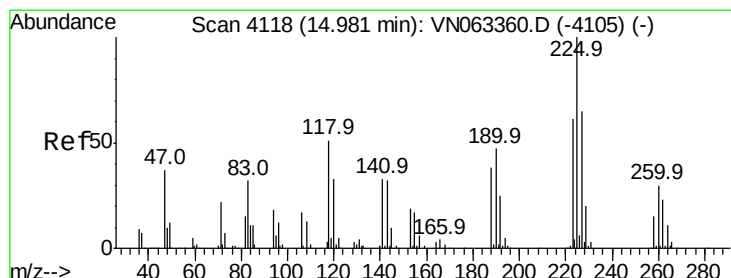
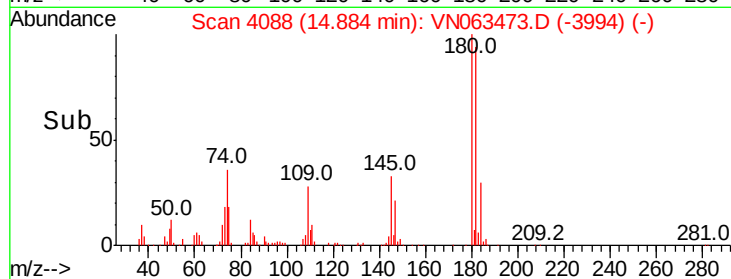
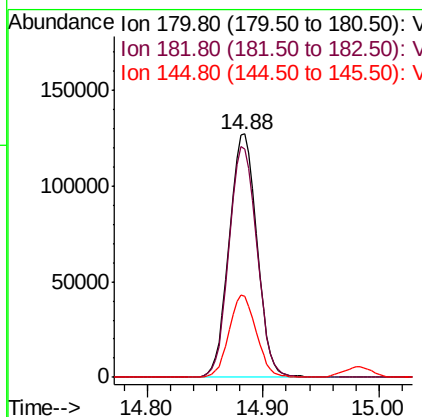
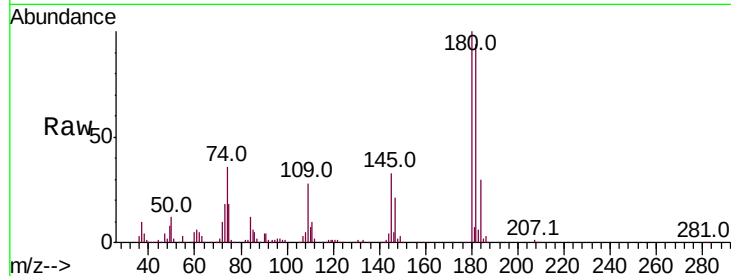




#93
 1,2,4-Trichlorobenzene
 Concen: 46.993 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

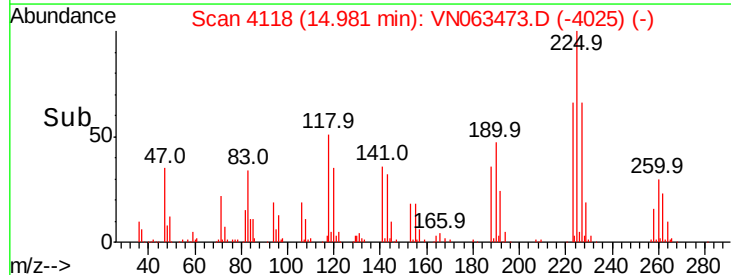
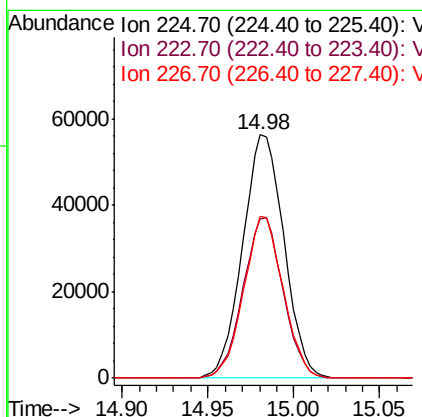
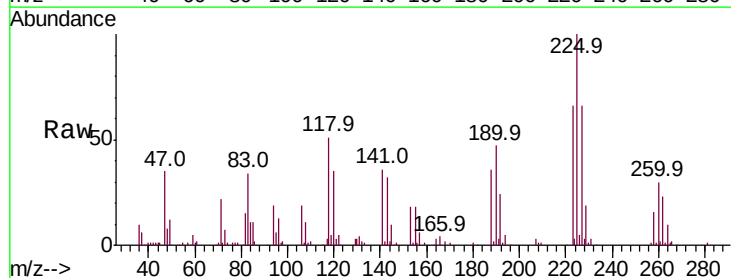
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

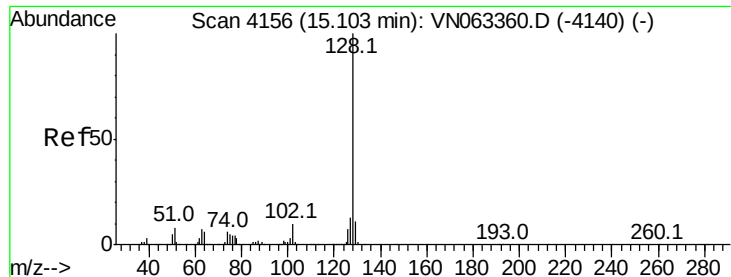
Tot Ion:180 Resp: 210552
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 142.0
 145 33.1 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 50.704 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063473.D
 Acq: 18 Sep 2020 21:24

Tgt Ion:225 Resp: 94049
 Ion Ratio Lower Upper
 225 100
 223 63.5 30.6 91.6
 227 63.1 31.2 93.6





#95

Naphthalene

Concen: 45.893 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

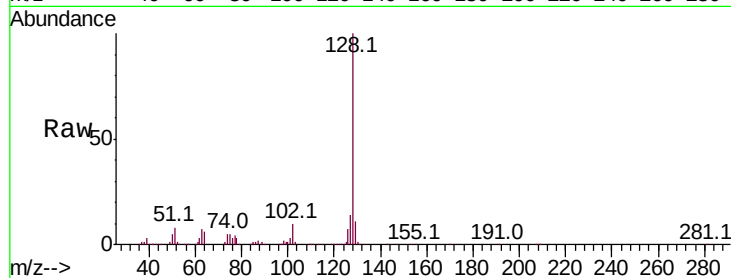
Tot Ion:128 Resp: 679340

Ion Ratio Lower Upper

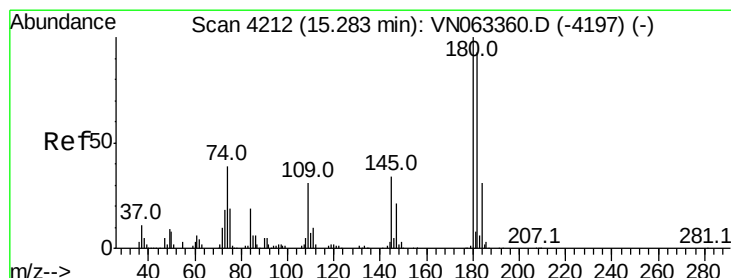
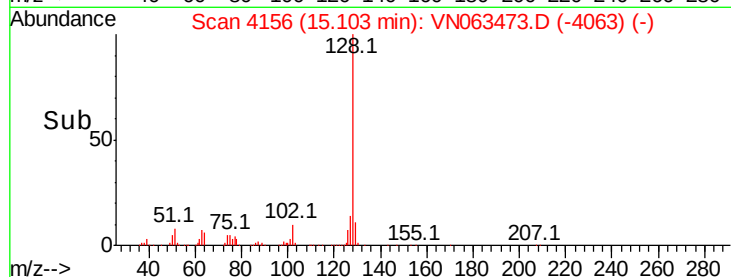
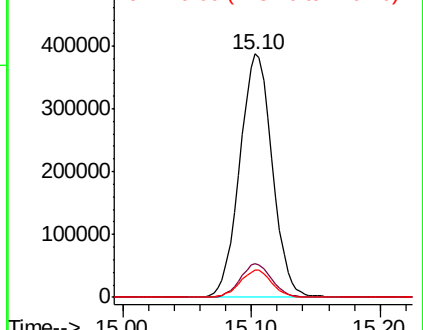
128 100

127 13.5 10.6 15.8

129 11.1 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: 46.161 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063473.D

Acq: 18 Sep 2020 21:24

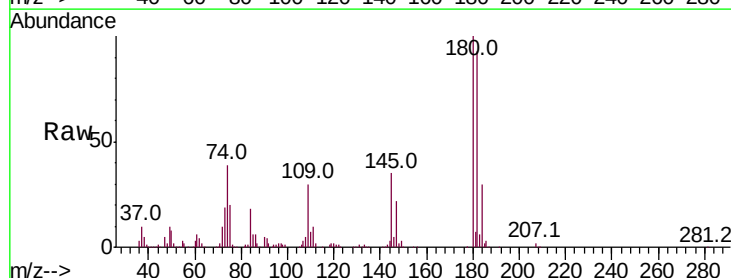
Tgt Ion:180 Resp: 199834

Ion Ratio Lower Upper

180 100

182 94.9 46.7 140.1

145 34.3 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

