

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063381.D
 Acq On : 16 Sep 2020 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 17 04:44:56 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	282912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218065	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	224776	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
35) Dibromofluoromethane	7.55	113	156437	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
50) Toluene-d8	10.06	98	606282	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
62) 4-Bromofluorobenzene	12.38	95	229950	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	153016	47.741	ug/l	98
3) Chloromethane	2.04	50	192695	45.446	ug/l	98
4) Vinyl Chloride	2.16	62	189510	50.447	ug/l	97
5) Bromomethane	2.53	94	113526	50.898	ug/l	99
6) Chloroethane	2.68	64	109083	47.305	ug/l	95
7) Trichlorofluoromethane	2.99	101	275984	49.241	ug/l	100
8) Diethyl Ether	3.38	74	107777	49.328	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	147384	46.758	ug/l	98
10) Methyl Iodide	3.91	142	205501	50.076	ug/l	100
11) Tert butyl alcohol	4.73	59	147853	221.611	ug/l	98
12) 1,1-Dichloroethene	3.70	96	156341	48.969	ug/l	97
13) Acrolein	3.57	56	84305	340.977	ug/l	99
14) Allyl chloride	4.28	41	306330	48.507	ug/l	99
15) Acrylonitrile	4.93	53	412058	242.806	ug/l	99
16) Acetone	3.77	43	363751	235.019	ug/l	99
17) Carbon Disulfide	4.01	76	438342	47.202	ug/l	99
18) Methyl Acetate	4.28	43	188501	47.975	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	570146	47.915	ug/l	99
20) Methylene Chloride	4.51	84	185239	47.238	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	167481	47.348	ug/l	96
22) Diisopropyl ether	5.90	45	626283	48.626	ug/l	99
23) Vinyl Acetate	5.84	43	2631908	248.821	ug/l	100
24) 1,1-Dichloroethane	5.80	63	339586	48.294	ug/l	99
25) 2-Butanone	6.78	43	566475	237.974	ug/l	99
26) 2,2-Dichloropropane	6.78	77	262226	42.356	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	194303	48.532	ug/l	99
28) Bromochloromethane	7.15	49	155355	47.850	ug/l	100
29) Tetrahydrofuran	7.16	42	379194	233.240	ug/l	99
30) Chloroform	7.33	83	343460	48.685	ug/l	98
31) Cyclohexane	7.61	56	300760	45.218	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	299757	47.772	ug/l	98
36) 1,1-Dichloropropene	7.75	75	251451	47.425	ug/l	99
37) Ethyl Acetate	6.88	43	251259	48.284	ug/l	98
38) Carbon Tetrachloride	7.73	117	259307	47.910	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063381.D
 Acq On : 16 Sep 2020 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 17 04:44:56 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)
39) Methylcyclohexane	9.05	83	265517	46.141	ug/l	98
40) Benzene	8.00	78	731179	48.310	ug/l	98
41) Methacrylonitrile	7.16	41	364935	155.926	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	294744	48.425	ug/l	98
43) Isopropyl Acetate	8.13	43	434772	46.726	ug/l #	90
44) Trichloroethene	8.80	130	178750	48.692	ug/l	97
45) 1,2-Dichloropropane	9.08	63	202645	49.159	ug/l	99
46) Dibromomethane	9.17	93	133349	49.218	ug/l	99
47) Bromodichloromethane	9.37	83	279568	49.669	ug/l	99
48) Methyl methacrylate	9.16	41	214643	46.952	ug/l	97
49) 1,4-Dioxane	9.17	88	58784	896.045	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1266517	243.134	ug/l	100
52) Toluene	10.13	92	461592	50.725	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	305240	48.576	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	320412	48.342	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	177542	49.119	ug/l	96
56) Ethyl methacrylate	10.40	69	281156	49.827	ug/l	99
57) 1,3-Dichloropropane	10.68	76	317851	48.764	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	698669	236.033	ug/l	99
59) 2-Hexanone	10.72	43	916288	242.797	ug/l	99
60) Dibromochloromethane	10.87	129	201206	49.274	ug/l	100
61) 1,2-Dibromoethane	10.98	107	188810	50.279	ug/l	100
64) Tetrachloroethene	10.60	164	153091	49.012	ug/l	96
65) Chlorobenzene	11.41	112	476517	48.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	178955	50.137	ug/l	99
67) Ethyl Benzene	11.48	91	915924	49.949	ug/l	99
68) m/p-Xylenes	11.59	106	653404	98.830	ug/l	99
69) o-Xylene	11.92	106	320092	50.824	ug/l	99
70) Styrene	11.94	104	550099	52.084	ug/l	99
71) Bromoform	12.10	173	135613	51.001	ug/l #	99
73) Isopropylbenzene	12.23	105	863732	49.428	ug/l	100
74) N-amyl acetate	12.05	43	410450	49.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	260258	48.101	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	353967	65.581	ug/l #	100
77) Bromobenzene	12.50	156	199089	50.649	ug/l	96
78) n-propylbenzene	12.57	91	1016176	49.928	ug/l	100
79) 2-Chlorotoluene	12.65	91	605774	49.652	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	734569	50.411	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	90518	45.979	ug/l	99
82) 4-Chlorotoluene	12.75	91	633535	49.146	ug/l	99
83) tert-Butylbenzene	12.97	119	594149	49.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	730964	49.663	ug/l	99
85) sec-Butylbenzene	13.15	105	794043	49.325	ug/l	100
86) p-Isopropyltoluene	13.26	119	706241	49.739	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	357674	49.094	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	359733	48.565	ug/l	99
89) n-Butylbenzene	13.59	91	640405	48.932	ug/l	99
90) Hexachloroethane	13.85	117	131655	48.695	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	355039	49.636	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	59809	46.420	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
Data File : VN063381.D
Acq On : 16 Sep 2020 22:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Sep 17 04:44:56 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

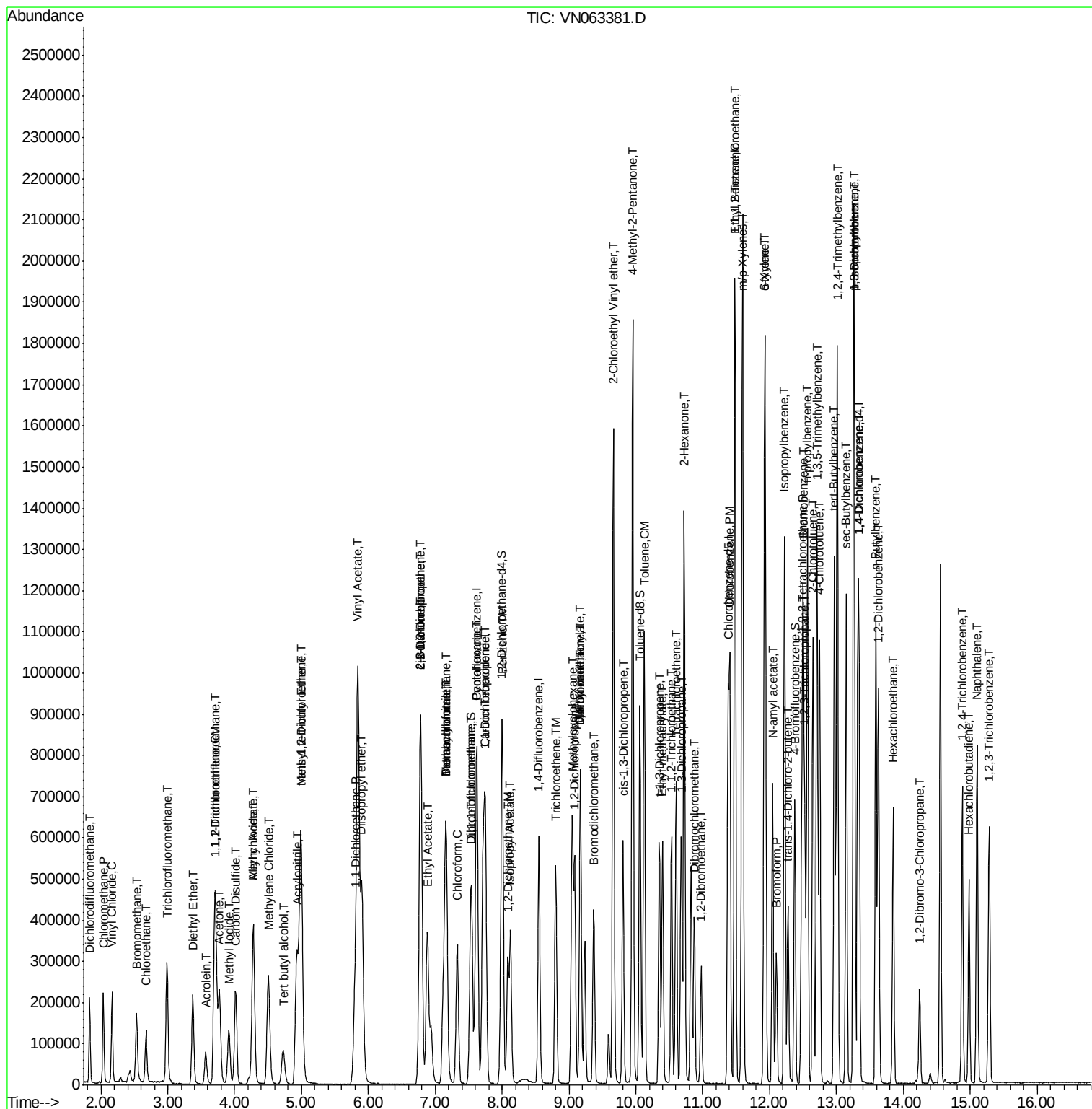
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	201918	47.884	ug/l	100
94) Hexachlorobutadiene	14.98	225	80631	46.188	ug/l	96
95) Naphthalene	15.10	128	660034	47.377	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	188650	46.302	ug/l	97

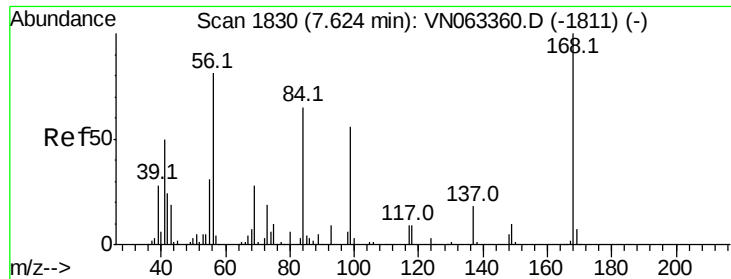
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
Data File : VN063381.D
Acq On : 16 Sep 2020 22:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Sep 17 04:44:56 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

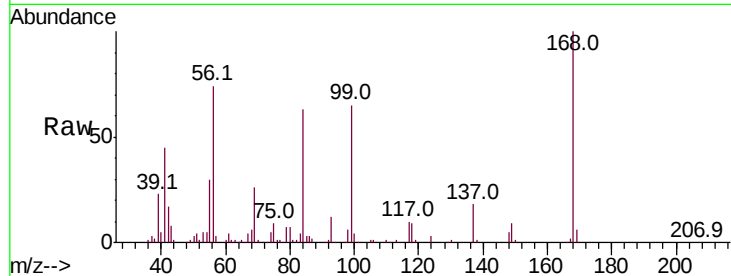
VSTDCCC050

Tot Ion:168 Resp: 282912

Ion Ratio Lower Upper

168 100

99 64.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

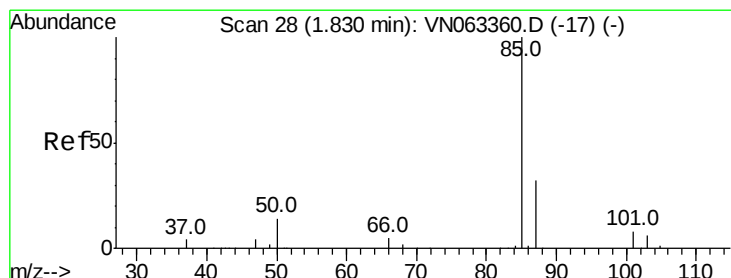
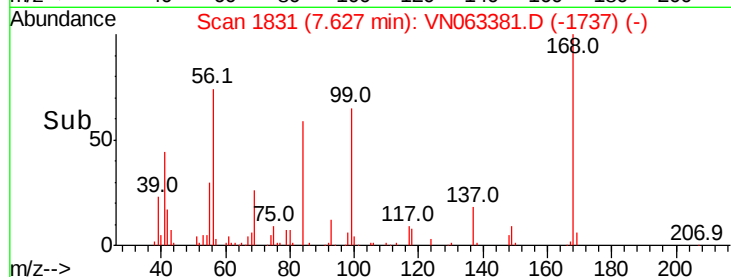
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.741 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063381.D

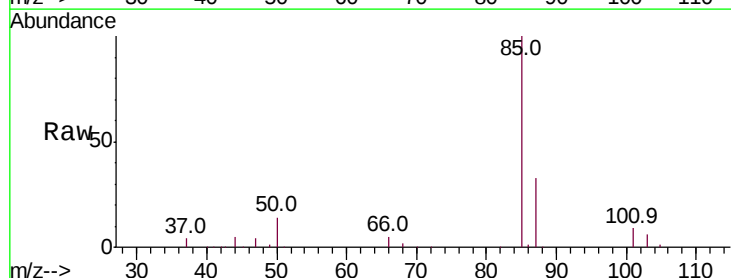
Acq: 16 Sep 2020 22:17

Tgt Ion: 85 Resp: 153016

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

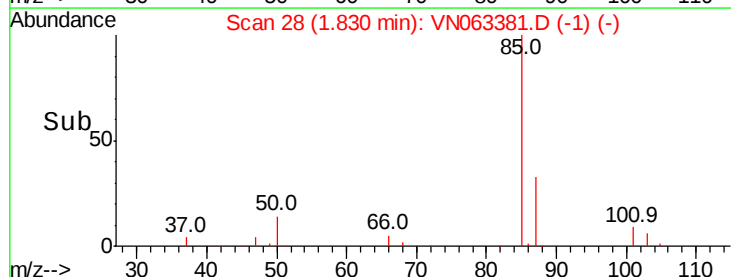
60000

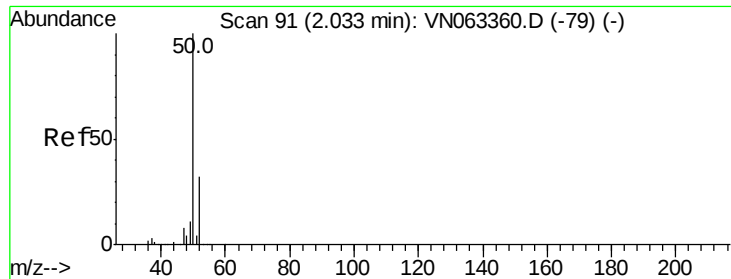
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 45.446 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

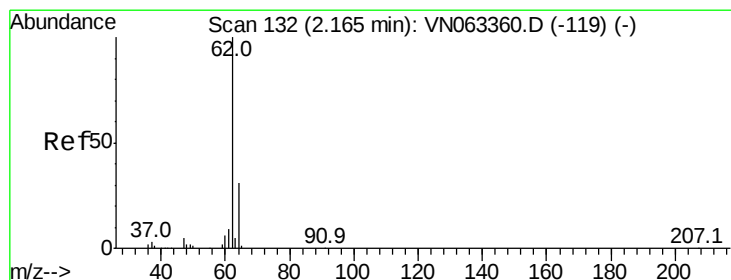
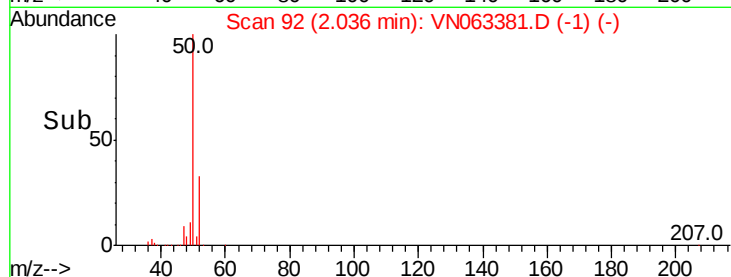
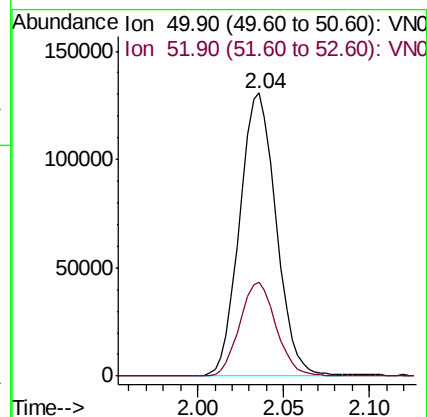
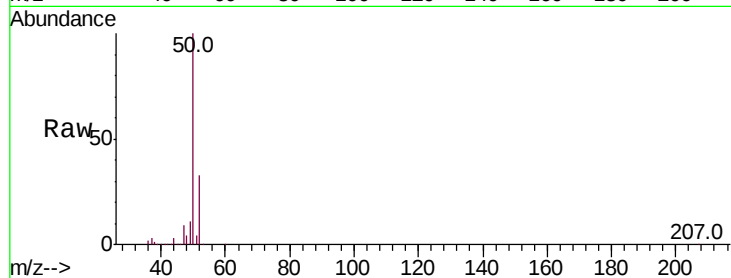
VSTDCCC050

Tot Ion: 50 Resp: 192695

Ion Ratio Lower Upper

50 100

52 33.4 25.9 38.9



#4

Vinyl Chloride

Concen: 50.447 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063381.D

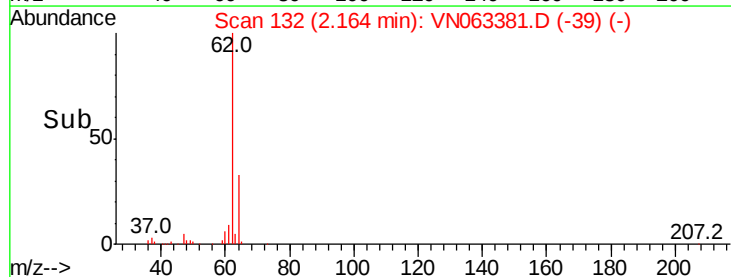
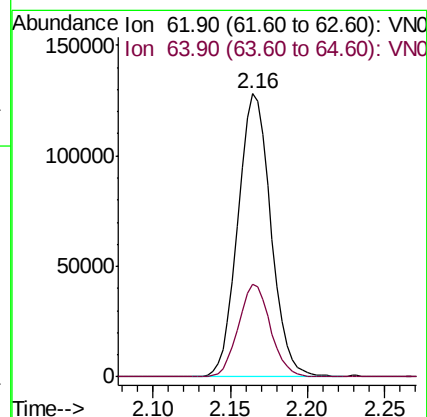
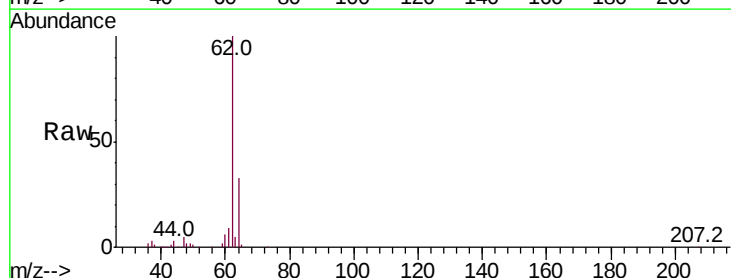
Acq: 16 Sep 2020 22:17

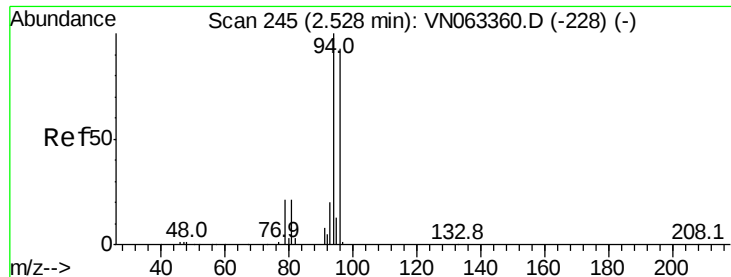
Tgt Ion: 62 Resp: 189510

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 50.898 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

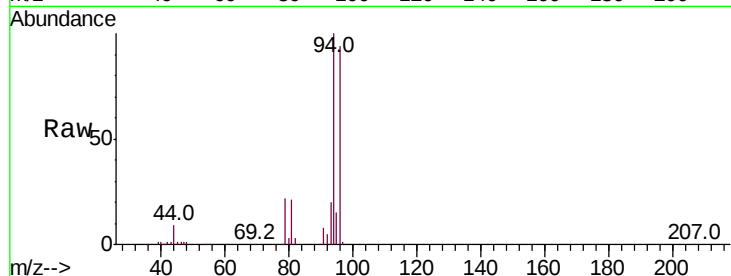
VSTDCCC050

Tot Ion: 94 Resp: 113526

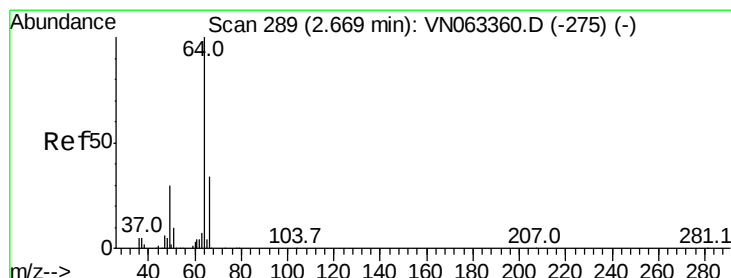
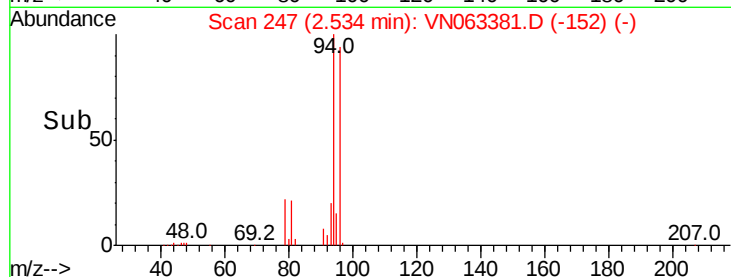
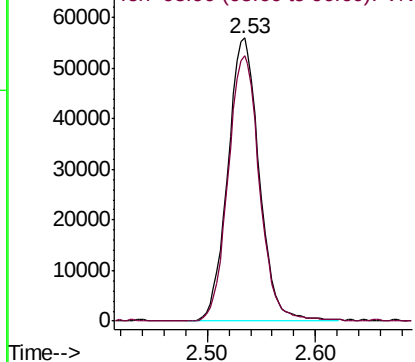
Ion Ratio Lower Upper

94 100

96 93.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 47.305 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063381.D

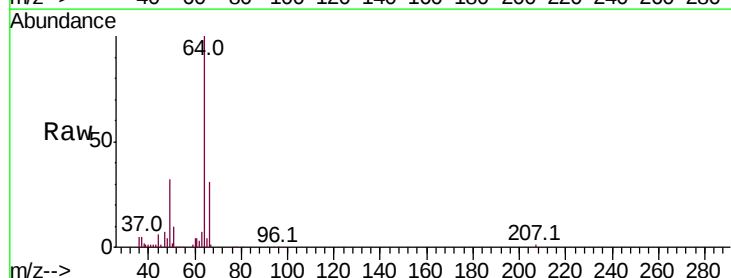
Acq: 16 Sep 2020 22:17

Tgt Ion: 64 Resp: 109083

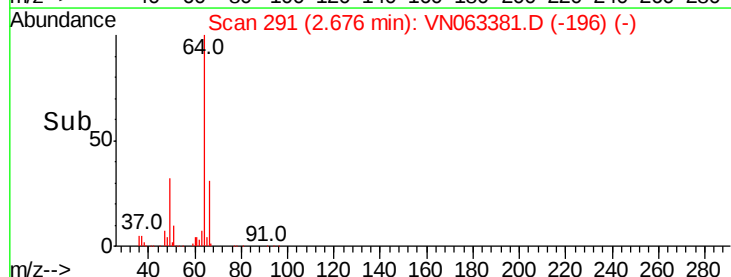
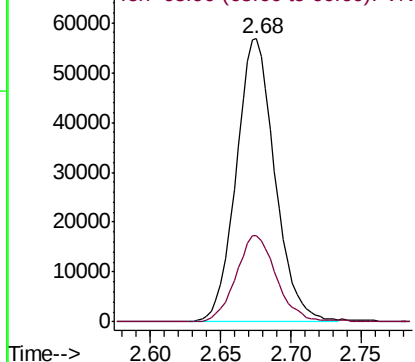
Ion Ratio Lower Upper

64 100

66 30.6 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



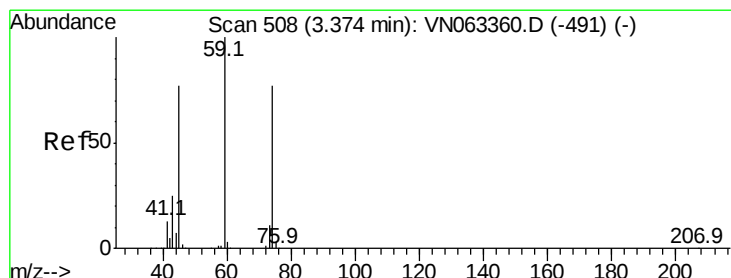
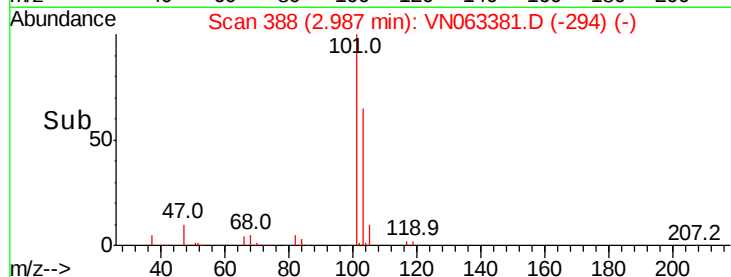
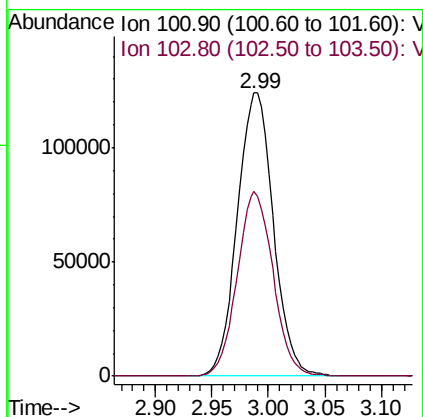
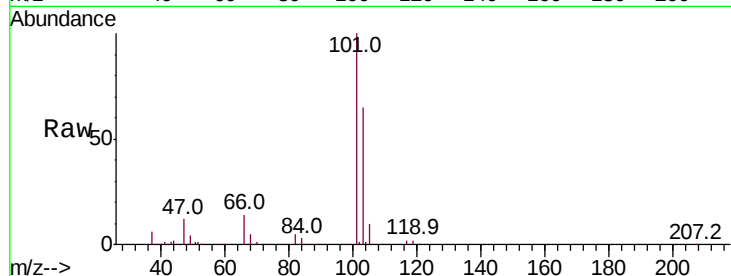


#7

Trichlorofluoromethane
 Concen: 49.241 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

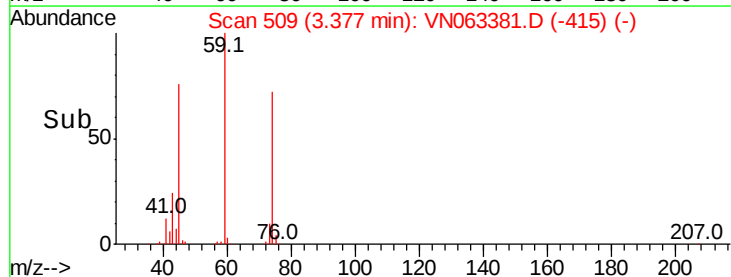
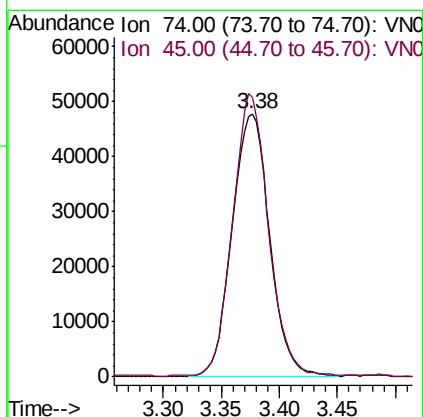
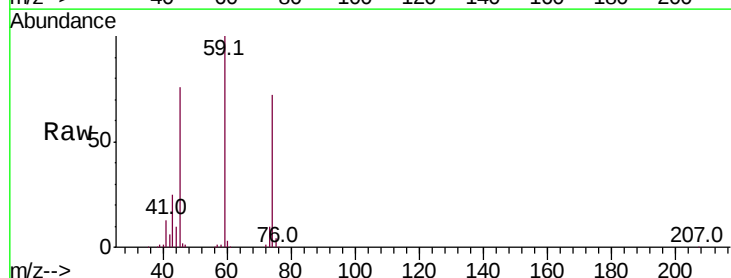
Tot Ion:101 Resp: 275984
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5

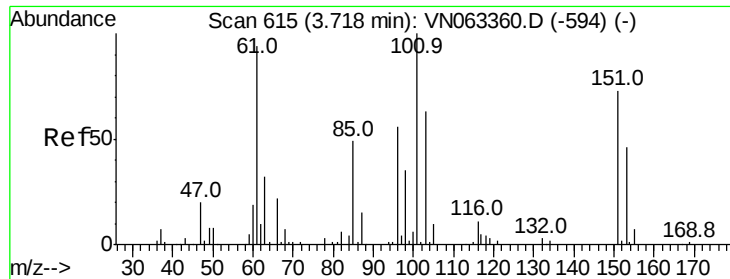


#8

Diethyl Ether
 Concen: 49.328 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion: 74 Resp: 107777
 Ion Ratio Lower Upper
 74 100
 45 101.2 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.758 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

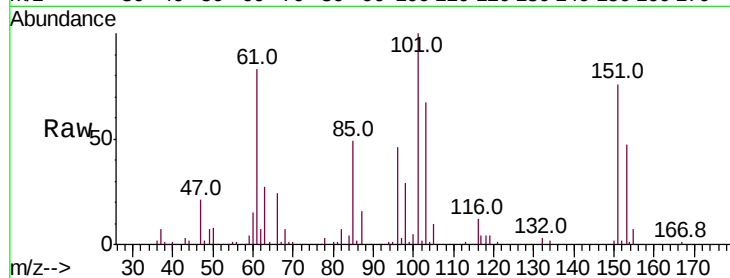
Tot Ion:101 Resp: 147384

Ion Ratio Lower Upper

101 100

85 49.1 37.7 56.5

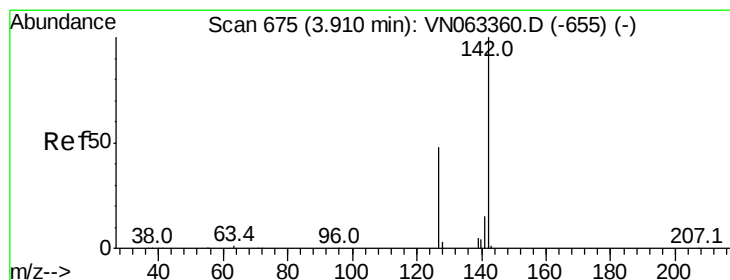
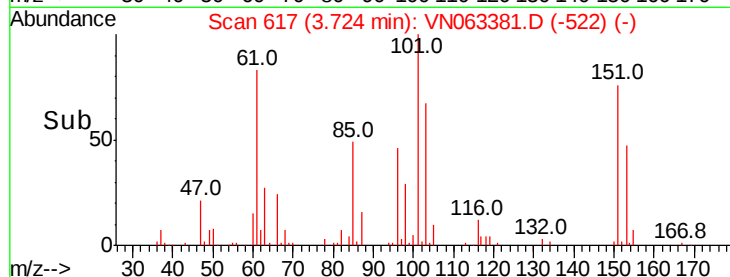
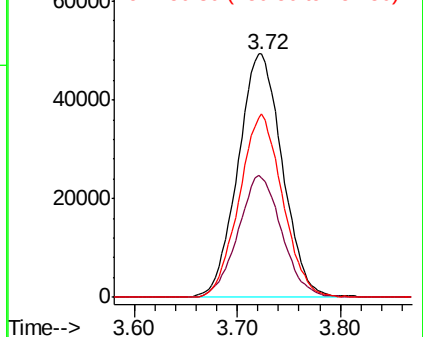
151 73.6 57.7 86.5



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: 50.076 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

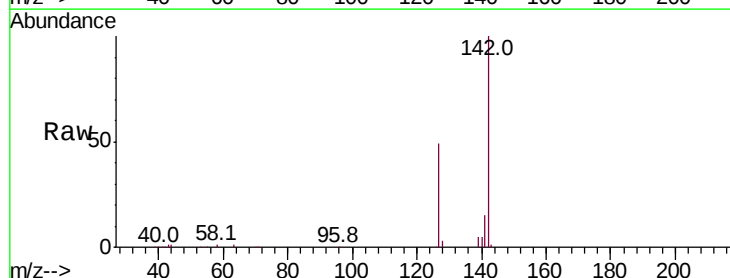
Tgt Ion:142 Resp: 205501

Ion Ratio Lower Upper

142 100

127 48.5 39.0 58.6

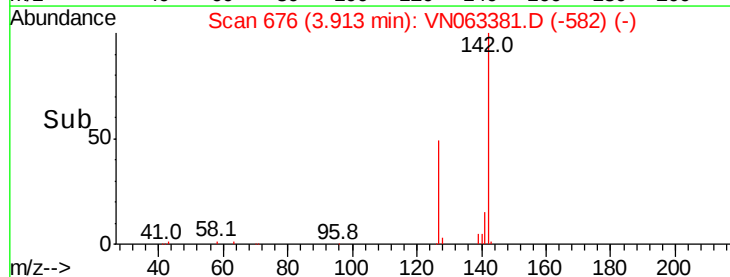
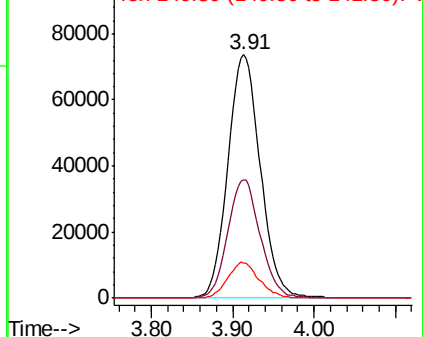
141 14.3 11.6 17.4

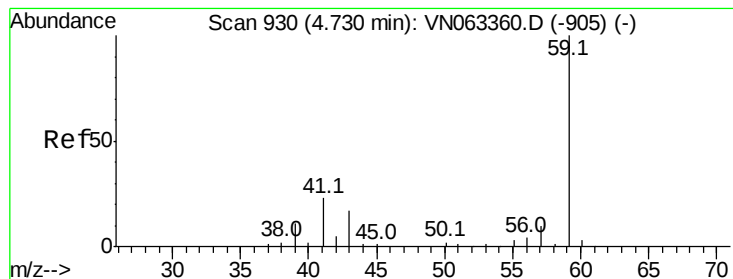


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



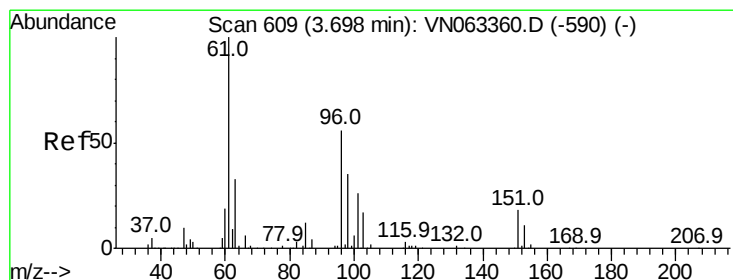
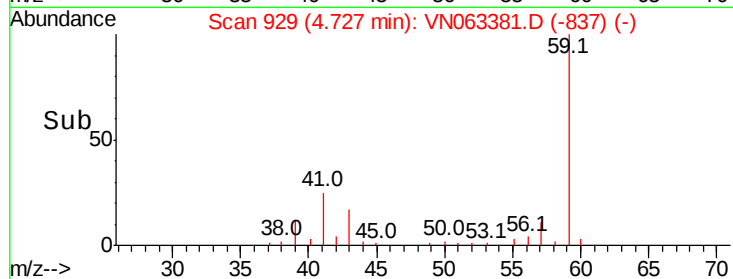
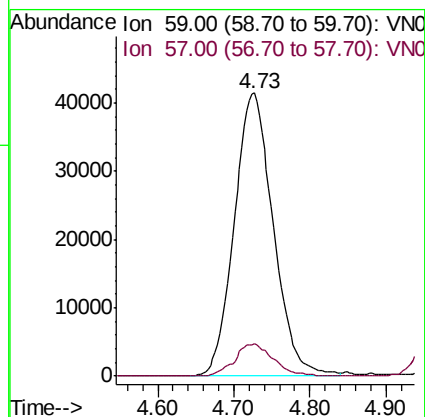
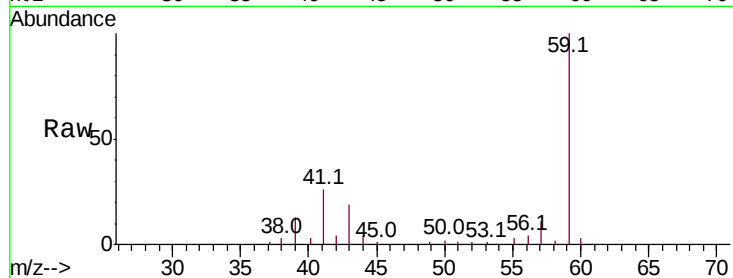


#11

Tert butyl alcohol
 Concen: 221.611 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

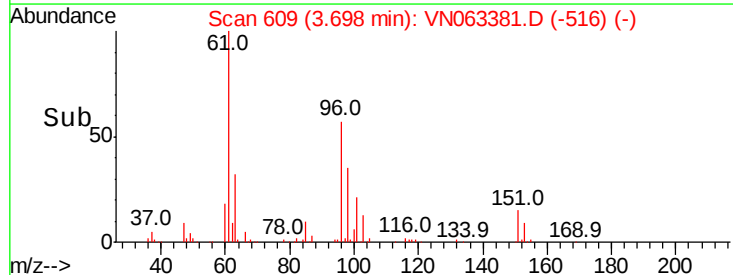
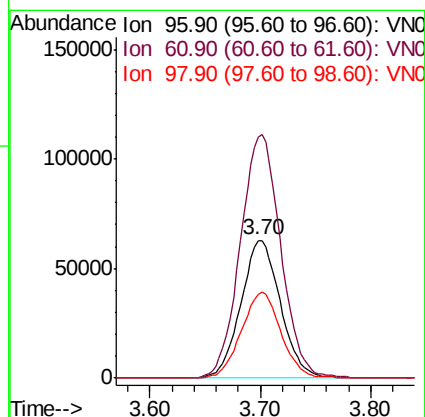
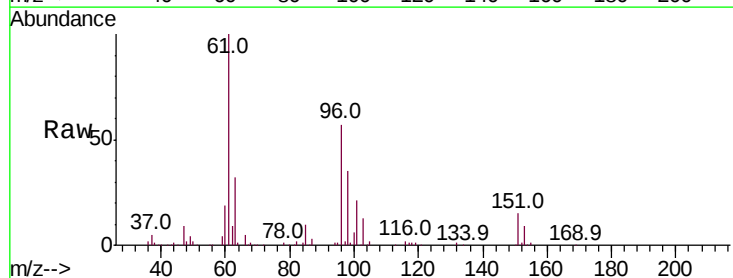
Tot Ion: 59 Resp: 147853
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.4 12.6

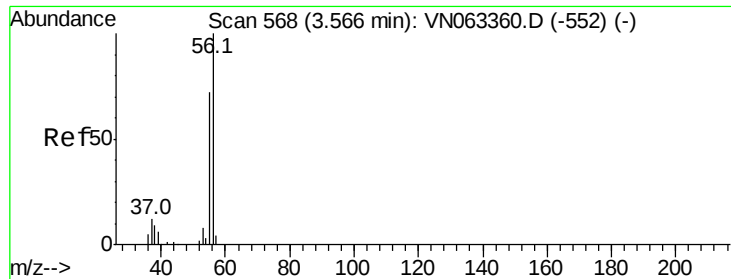


#12

1,1-Dichloroethene
 Concen: 48.969 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion: 96 Resp: 156341
 Ion Ratio Lower Upper
 96 100
 61 174.8 143.4 215.2
 98 60.6 50.6 76.0





#13

Acrolein

Concen: 340.977 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

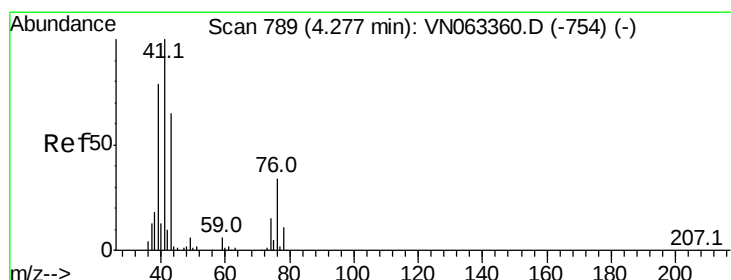
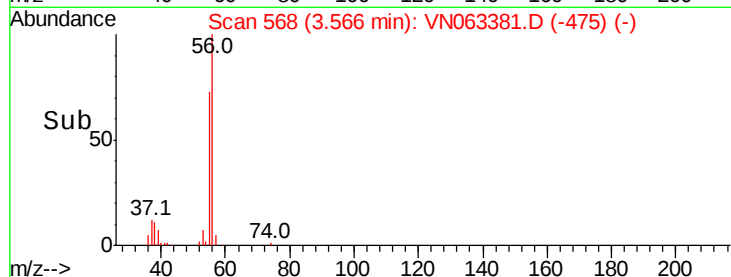
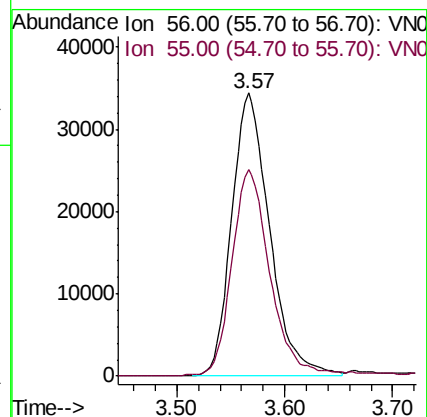
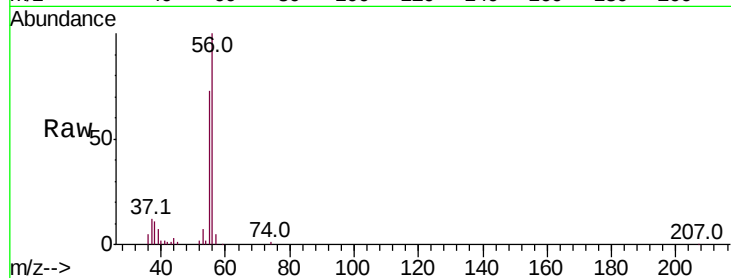
VSTDCCC050

Tot Ion: 56 Resp: 84305

Ion Ratio Lower Upper

56 100

55 73.8 58.2 87.2



#14

Allyl chloride

Concen: 48.507 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

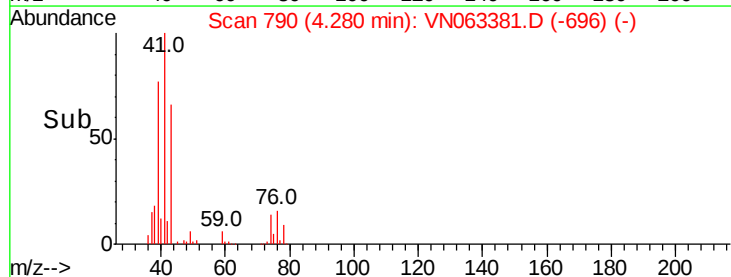
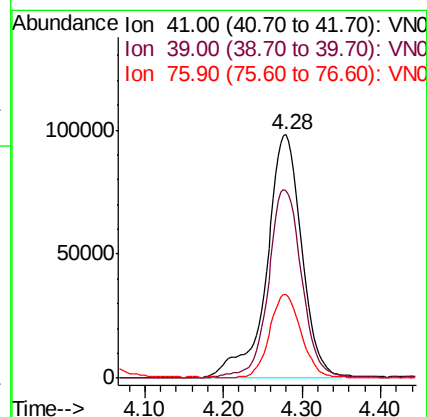
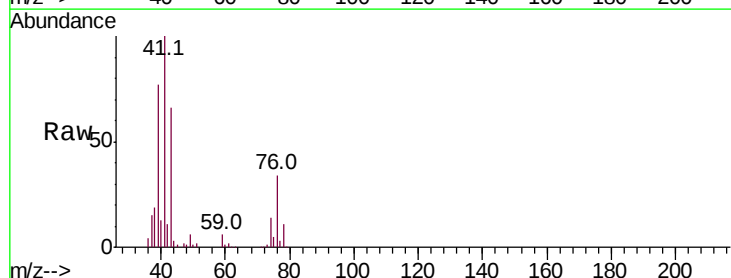
Tgt Ion: 41 Resp: 306330

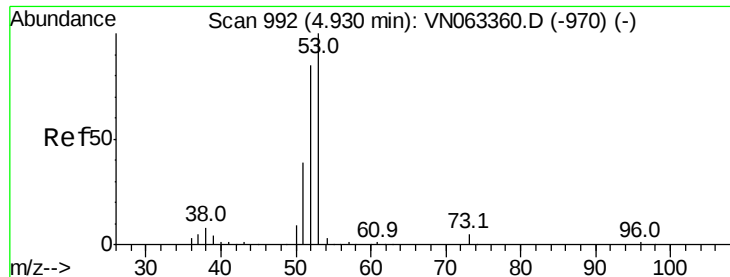
Ion Ratio Lower Upper

41 100

39 73.0 59.3 88.9

76 30.7 25.3 37.9





#15

Acrylonitrile

Concen: 242.806 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

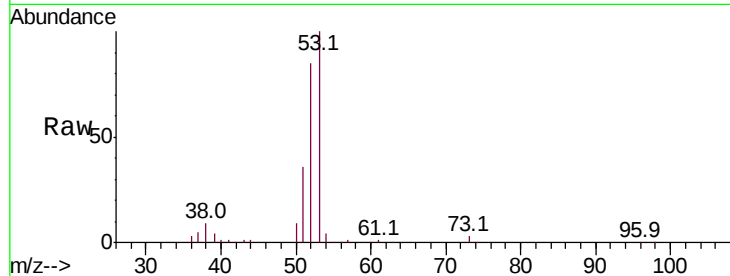
Tot Ion: 53 Resp: 412058

Ion Ratio Lower Upper

53 100

52 83.8 66.4 99.6

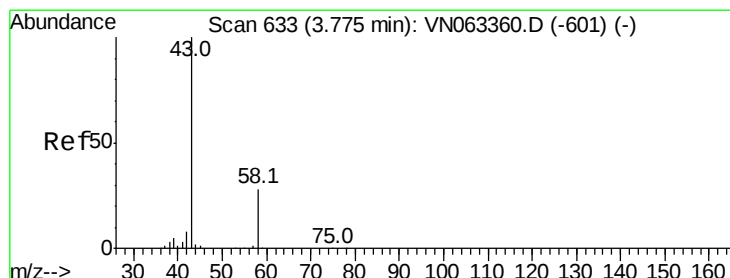
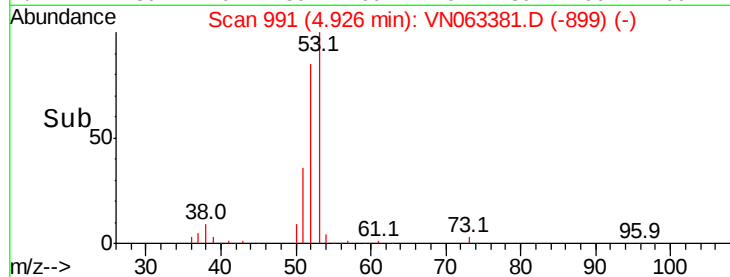
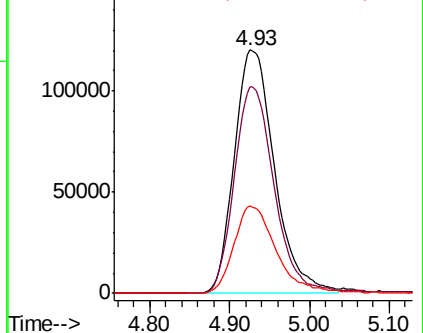
51 37.7 30.2 45.4



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

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

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



#16

Acetone

Concen: 235.019 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063381.D

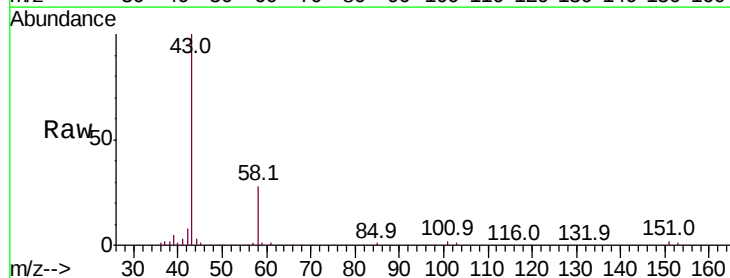
Acq: 16 Sep 2020 22:17

Tgt Ion: 43 Resp: 363751

Ion Ratio Lower Upper

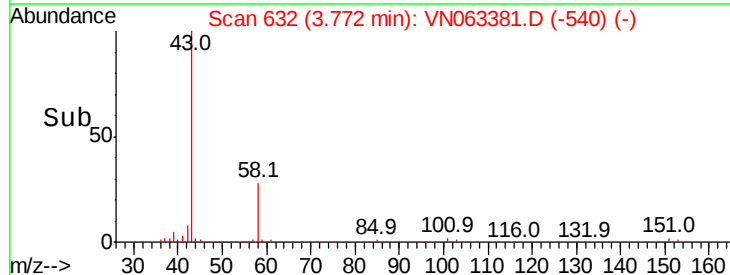
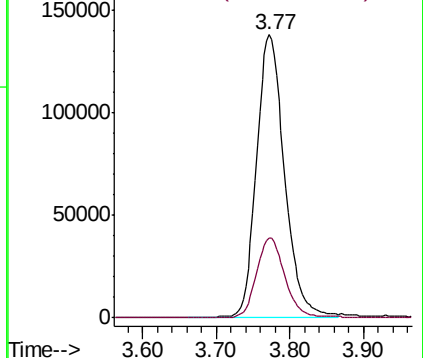
43 100

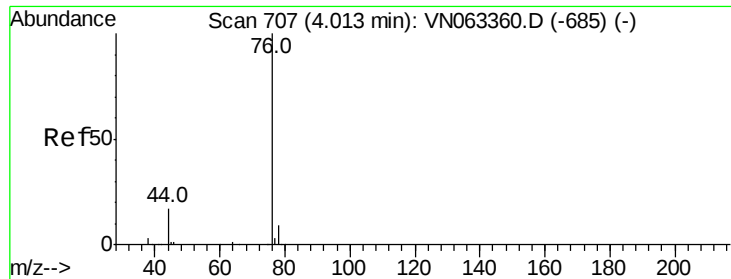
58 28.5 22.3 33.5



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

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

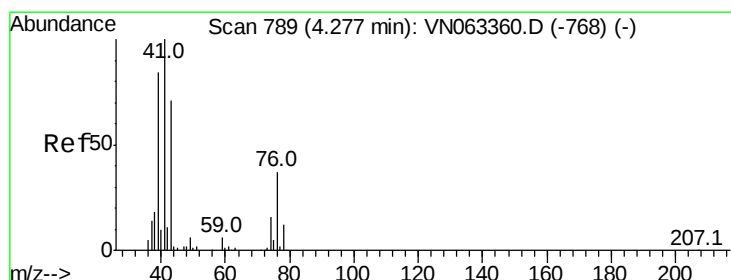
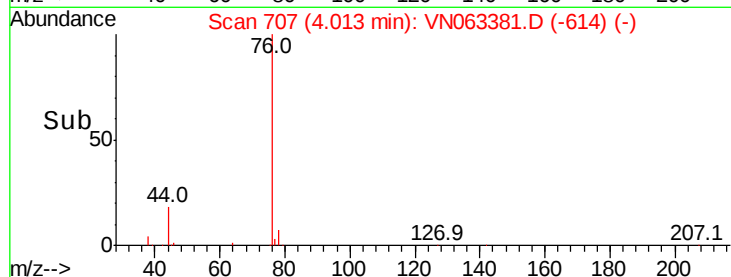
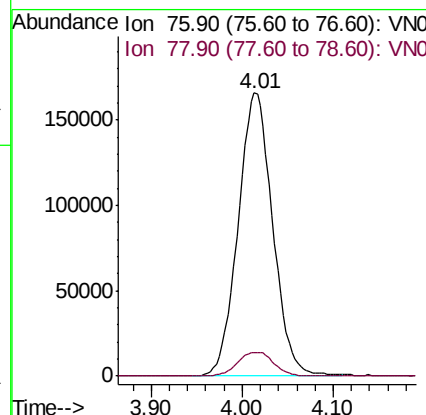
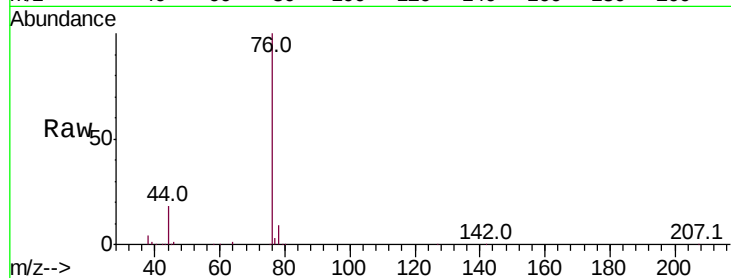




#17
Carbon Disulfide
Concen: 47.202 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

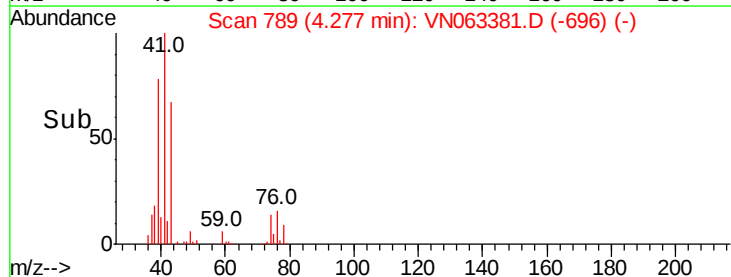
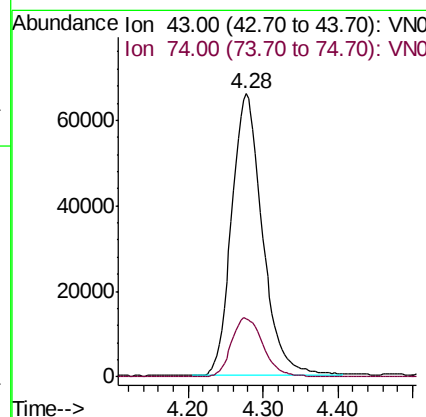
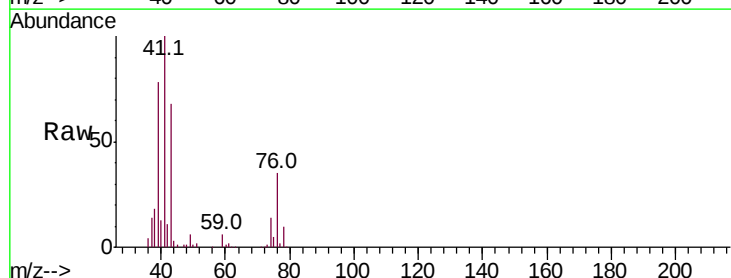
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

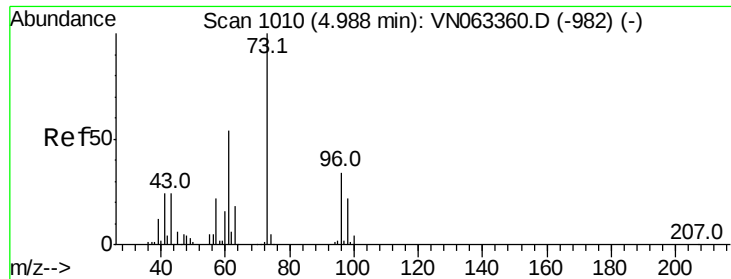
Tot Ion: 76 Resp: 438342
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 47.975 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion: 43 Resp: 188501
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.2

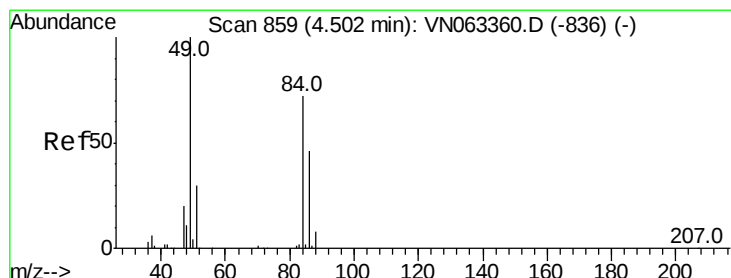
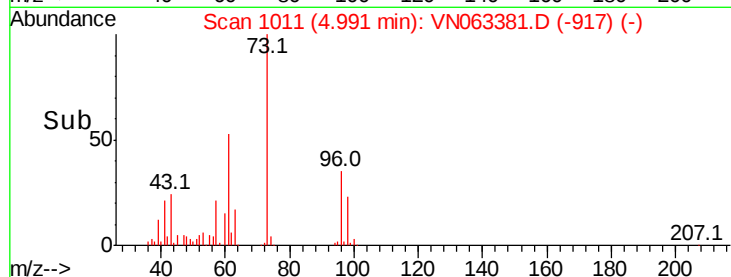
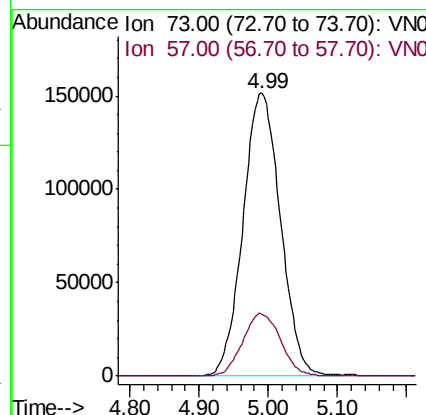
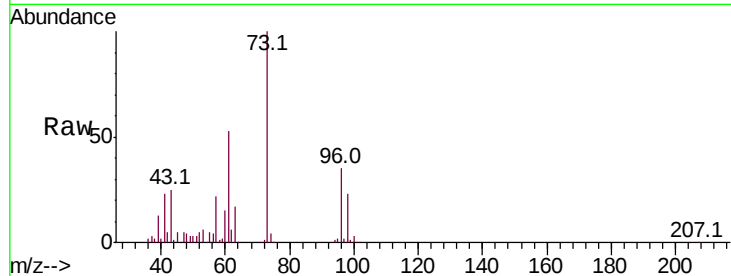




#19
Methvl tert-butvl Ether
Concen: 47.915 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

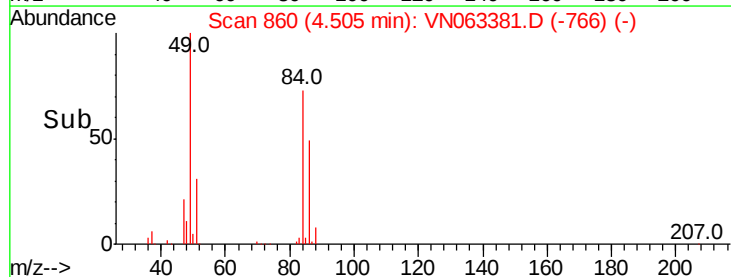
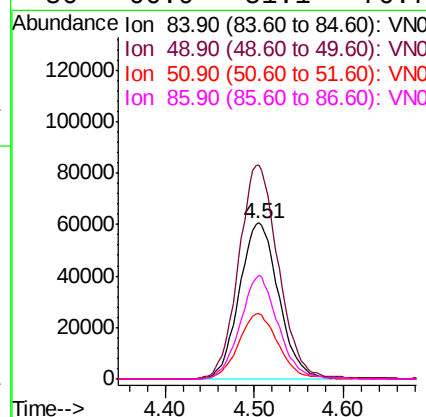
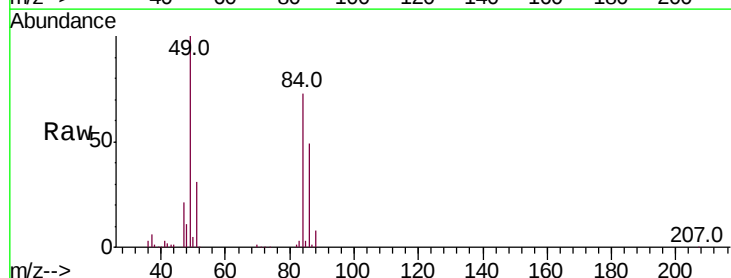
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

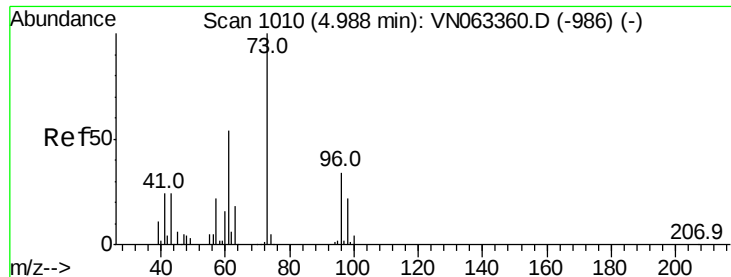
Tot Ion: 73 Resp: 570146
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 47.238 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion: 84 Resp: 185239
Ion Ratio Lower Upper
84 100
49 137.0 110.7 166.1
51 42.3 32.9 49.3
86 66.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 47.348 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

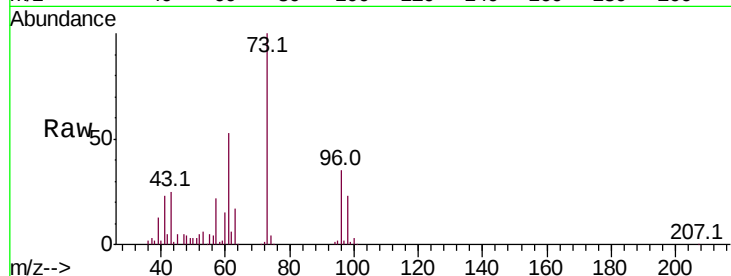
Tot Ion: 96 Resp: 167481

Ion Ratio Lower Upper

96 100

61 151.4 126.2 189.4

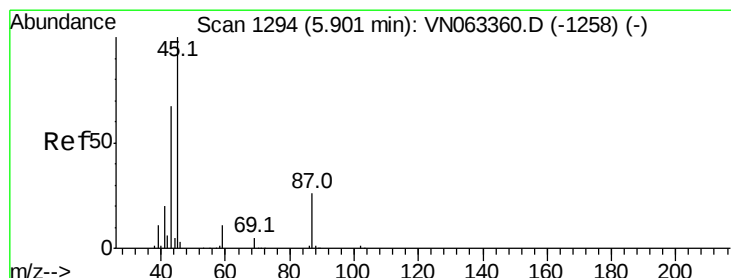
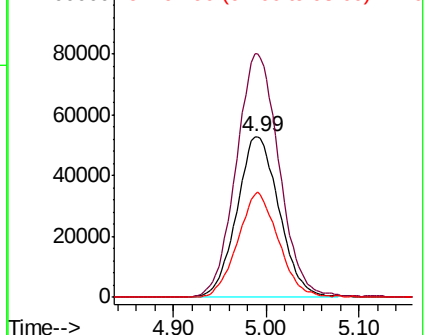
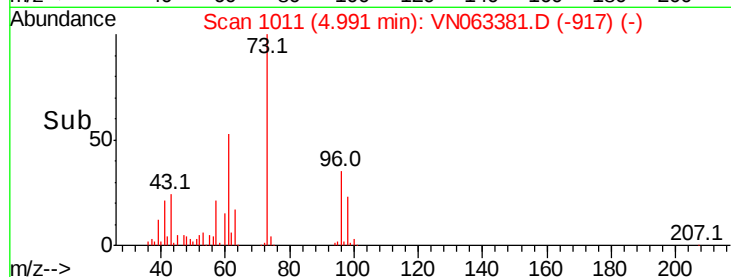
98 65.3 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN063381.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN063381.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN063381.D (-917) (-)



#22

Diisopropyl ether

Concen: 48.626 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Tgt Ion: 45 Resp: 626283

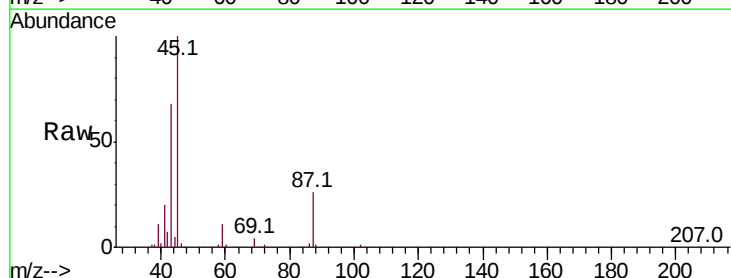
Ion Ratio Lower Upper

45 100

43 67.6 53.5 80.3

87 26.0 21.2 31.8

59 10.9 8.8 13.2

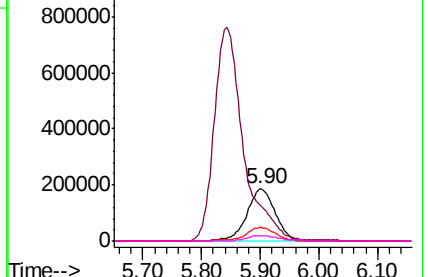
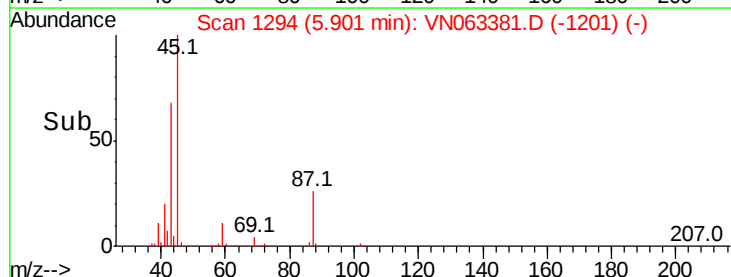


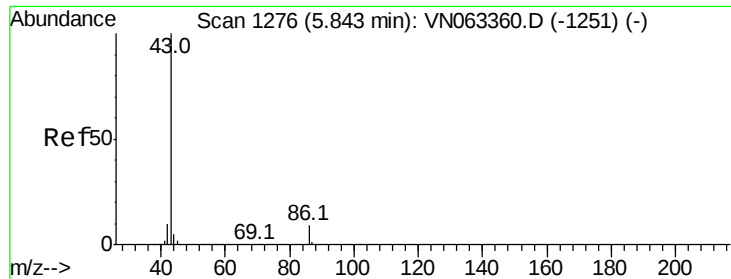
Abundance Ion 45.00 (44.70 to 45.70): VN063381.D (-1201) (-)

Ion 43.00 (42.70 to 43.70): VN063381.D (-1201) (-)

Ion 87.00 (86.70 to 87.70): VN063381.D (-1201) (-)

Ion 59.00 (58.70 to 59.70): VN063381.D (-1201) (-)

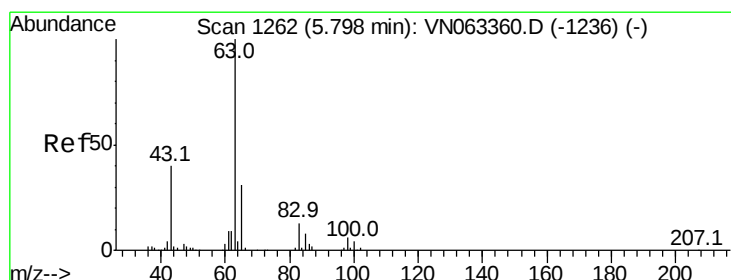
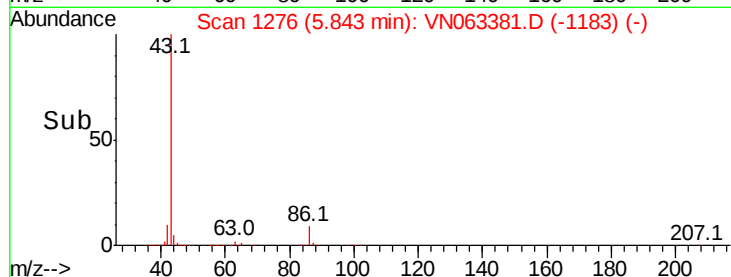
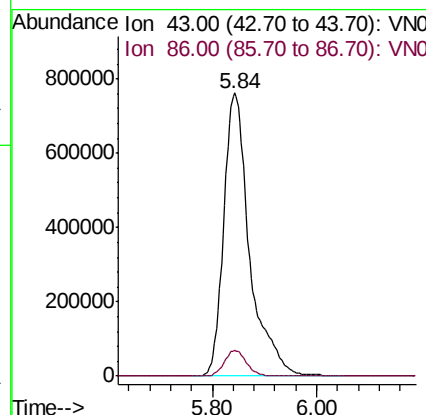
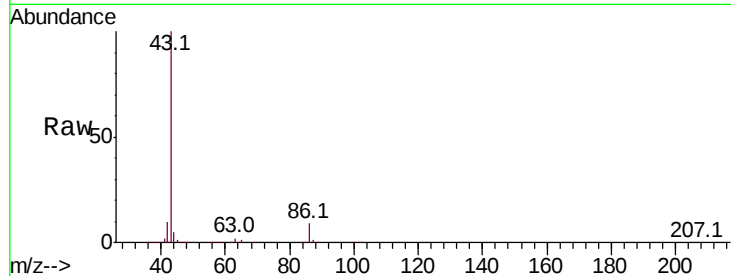




#23
 Vinyl Acetate
 Concen: 248.821 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

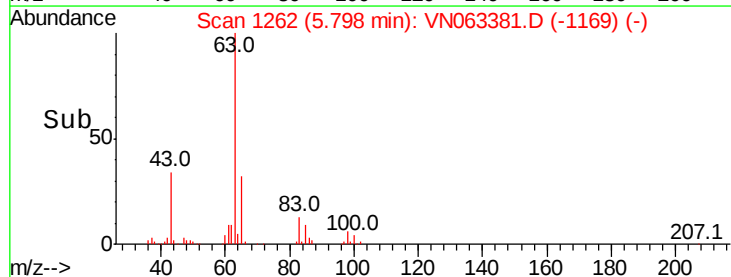
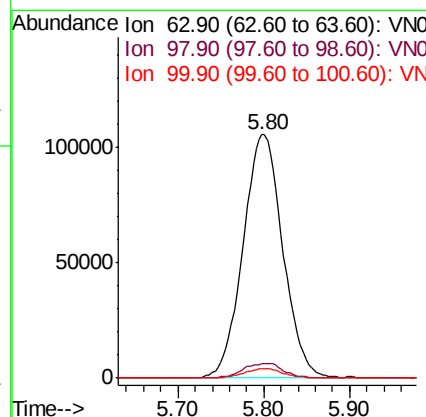
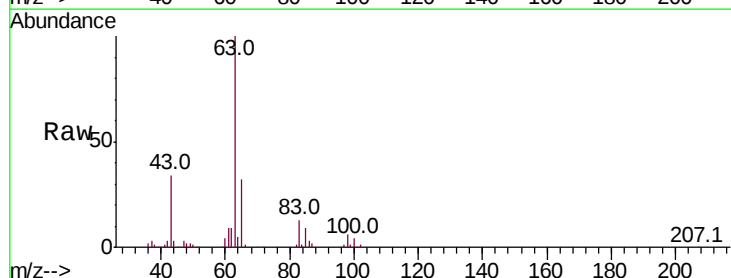
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

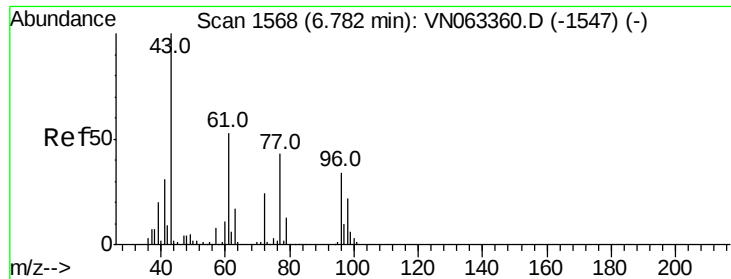
Tot Ion: 43 Resp: 2631908
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 48.294 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion: 63 Resp: 339586
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.8
 100 3.8 2.1 6.3





#25

2-Butanone

Concen: 237.974 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

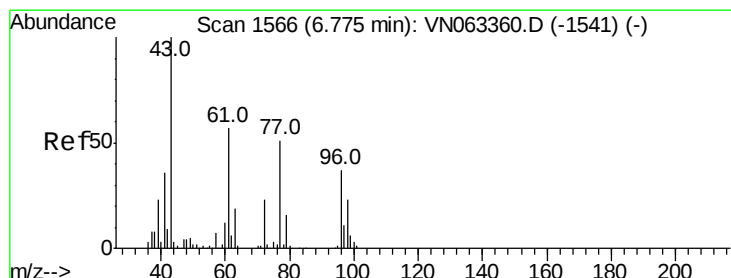
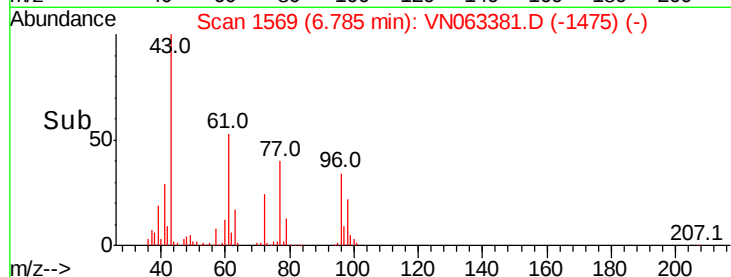
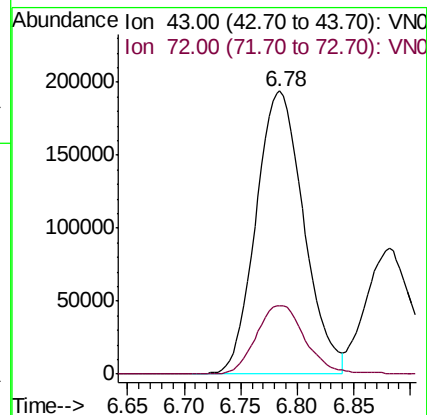
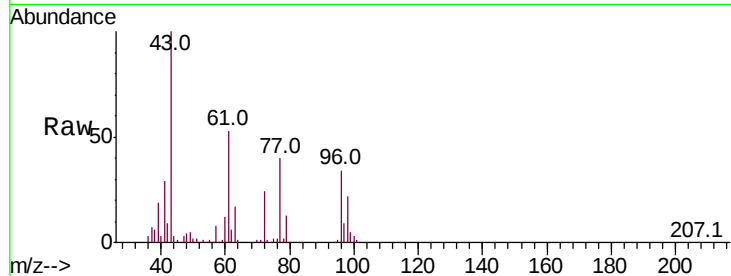
VSTDCCC050

Tot Ion: 43 Resp: 566475

Ion Ratio Lower Upper

43 100

72 24.3 19.2 28.8



#26

2,2-Dichloropropane

Concen: 42.356 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063381.D

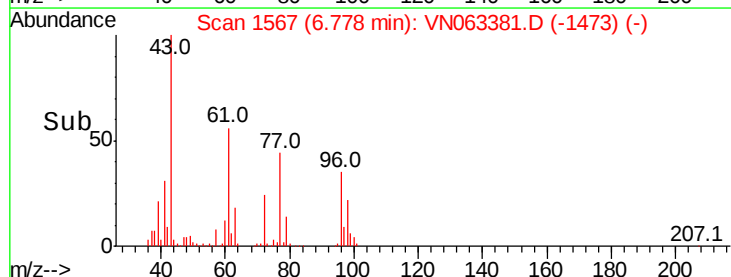
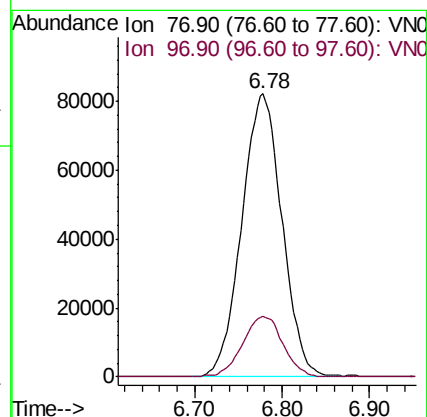
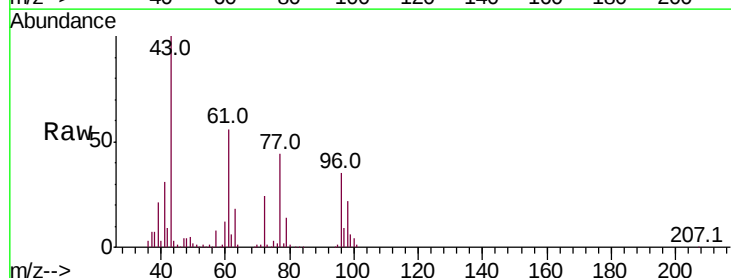
Acq: 16 Sep 2020 22:17

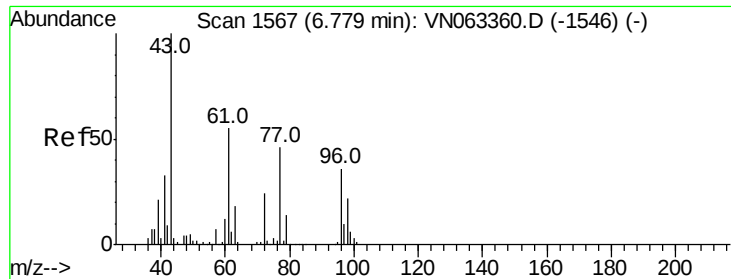
Tgt Ion: 77 Resp: 262226

Ion Ratio Lower Upper

77 100

97 21.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 48.532 ug/l

RT: 6.78 min Scan# 1568

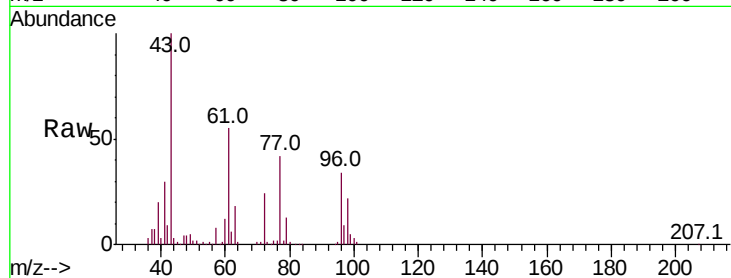
Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

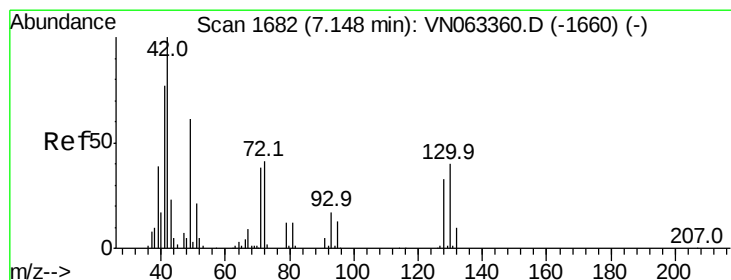
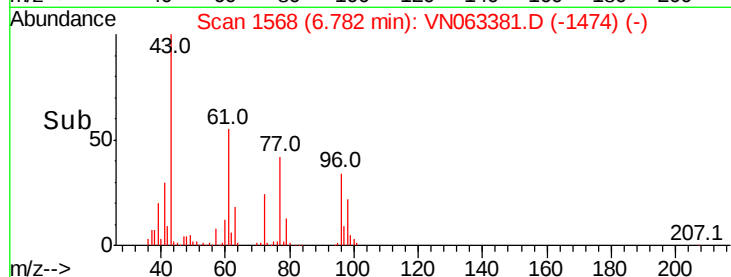
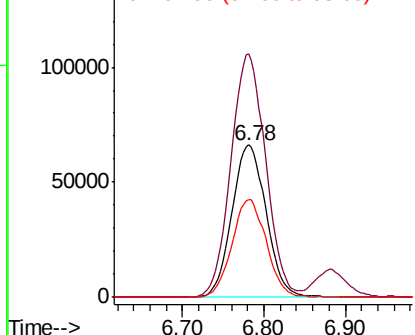
Tot Ion	Ratio	Lower	Upper
96	100		
61	161.5	0.0	319.6
98	64.2	0.0	127.8



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: 47.850 ug/l

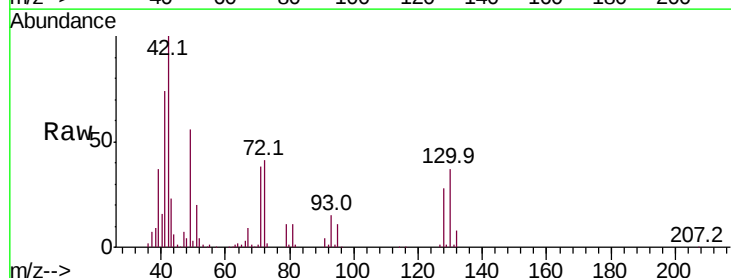
RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

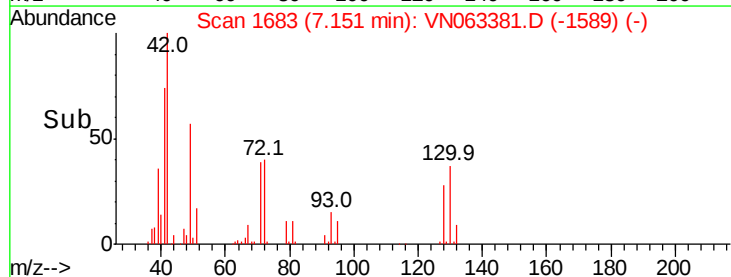
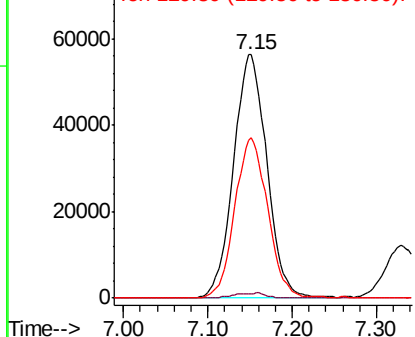
Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	64.9	52.2	78.2

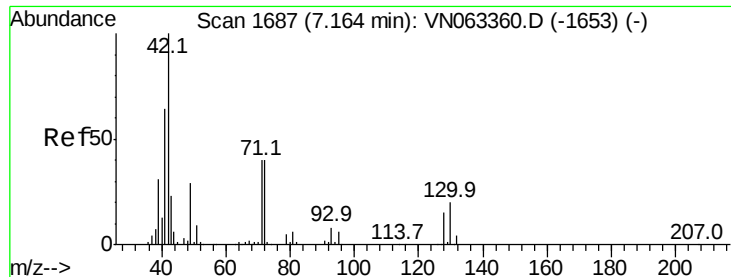


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 233.240 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

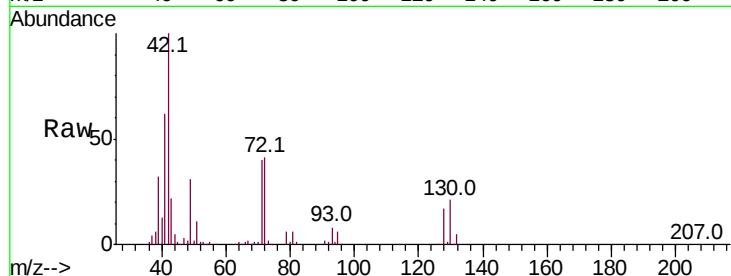
Tot Ion: 42 Resp: 379194

Ion Ratio Lower Upper

42 100

72 40.3 32.1 48.1

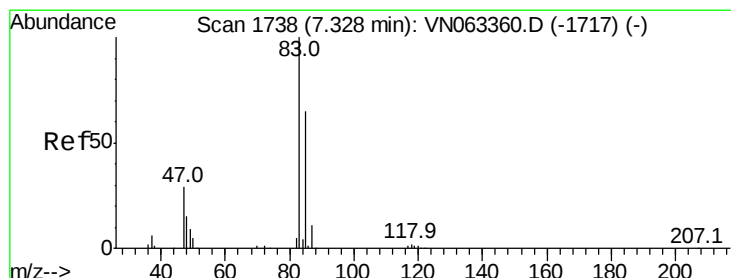
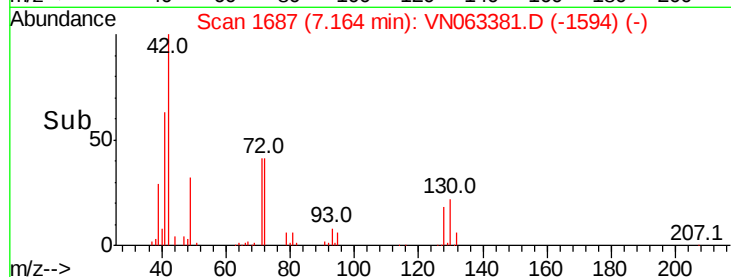
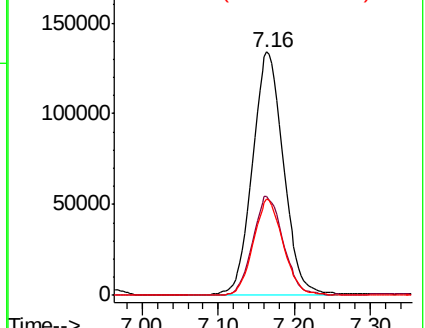
71 38.1 31.2 46.8



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

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

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



#30

Chloroform

Concen: 48.685 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063381.D

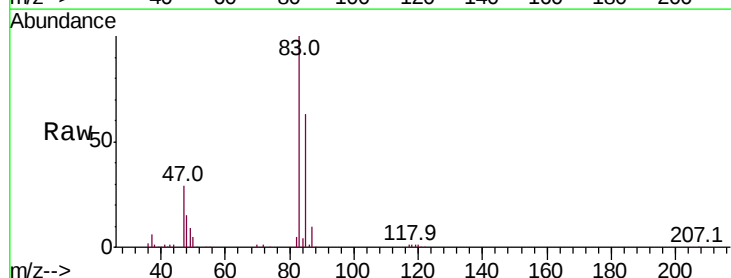
Acq: 16 Sep 2020 22:17

Tgt Ion: 83 Resp: 343460

Ion Ratio Lower Upper

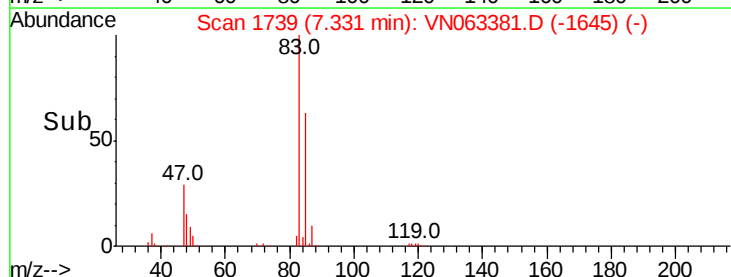
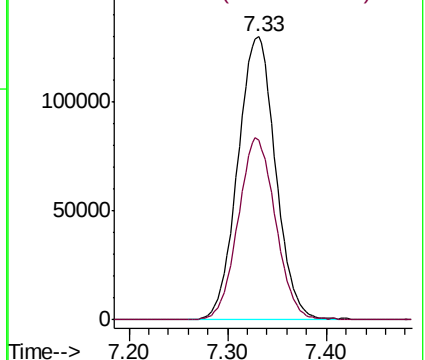
83 100

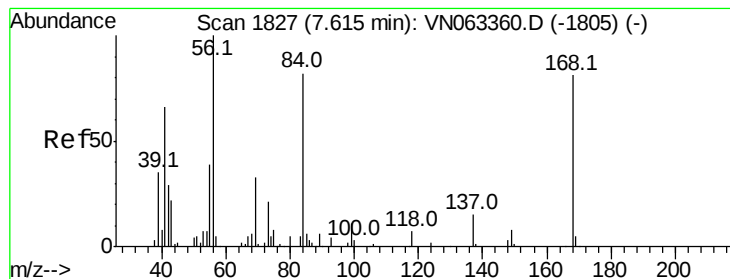
85 63.3 52.1 78.1



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

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





#31

Cyclohexane

Concen: 45.218 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

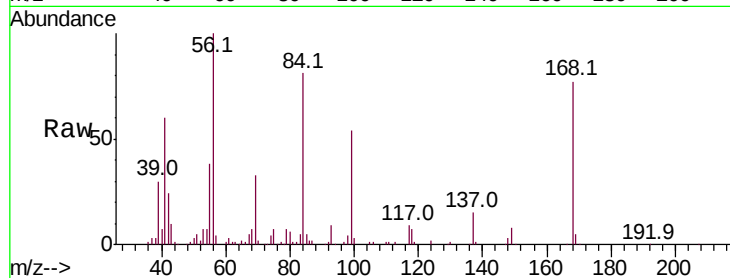
Tot Ion: 56 Resp: 300760

Ion Ratio Lower Upper

56 100

69 33.3 26.1 39.1

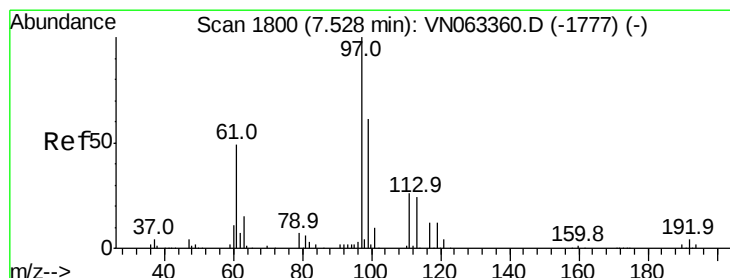
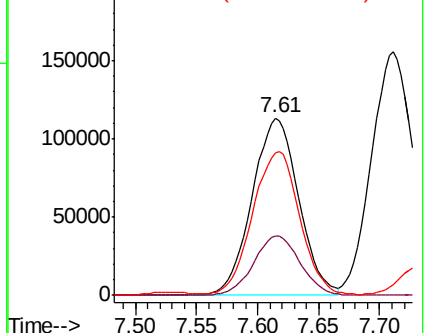
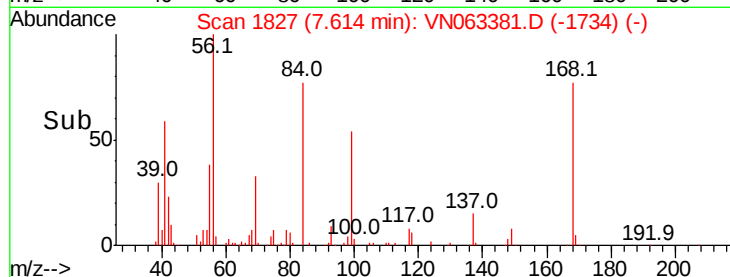
84 79.5 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN063381.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063381.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063381.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 47.772 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

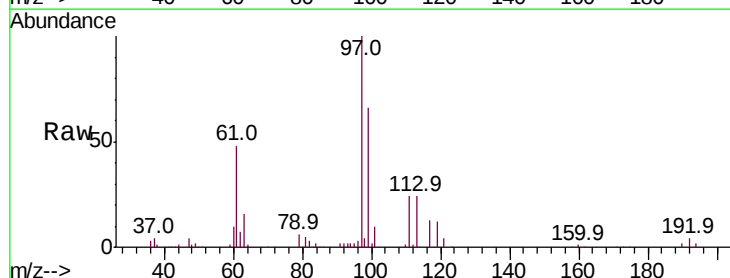
Tgt Ion: 97 Resp: 299757

Ion Ratio Lower Upper

97 100

99 65.0 50.6 76.0

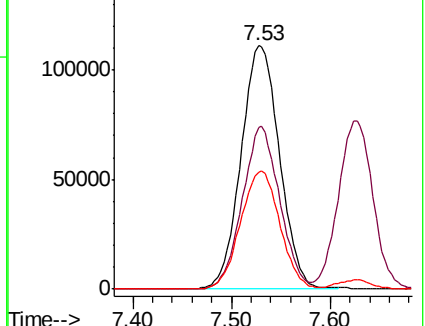
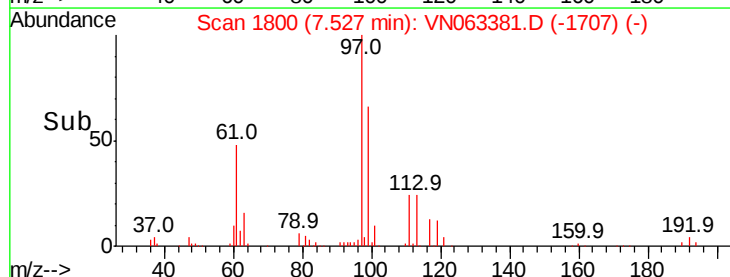
61 49.6 39.2 58.8

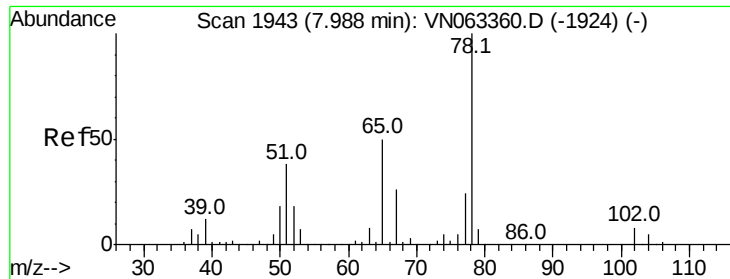


Abundance Ion 96.90 (96.60 to 97.60): VN063381.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063381.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063381.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 46.674 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

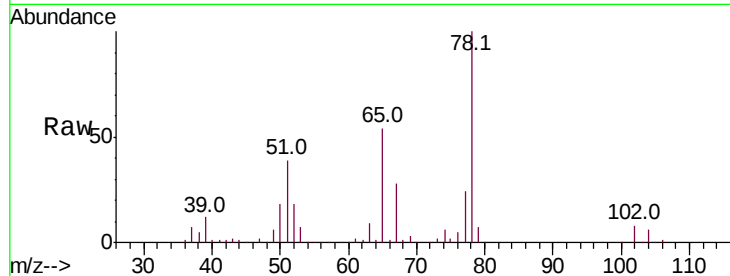
VSTDCCC050

Tot Ion: 65 Resp: 224776

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN063360.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063360.D (-1924) (-)

7.99

100000

80000

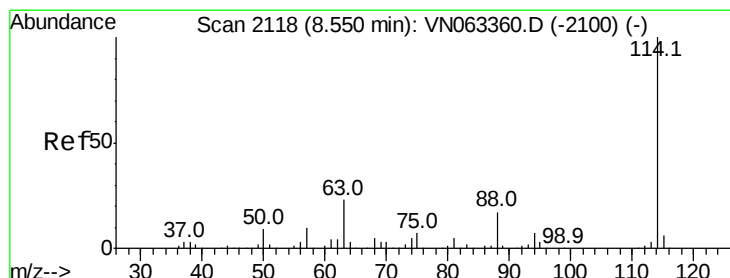
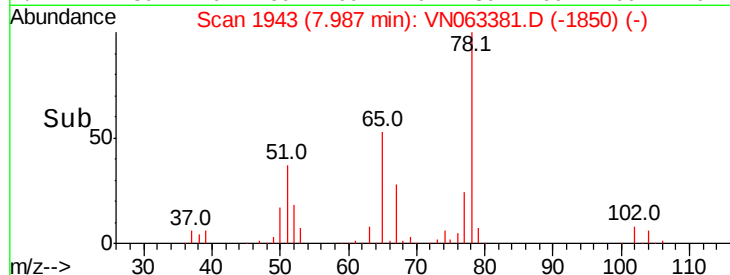
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

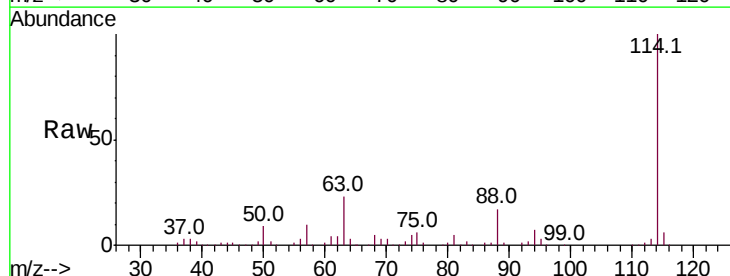
Tgt Ion: 114 Resp: 497676

Ion Ratio Lower Upper

114 100

63 23.4 0.0 46.4

88 16.6 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): VN063360.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN063360.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN063360.D (-2100) (-)

300000

250000

200000

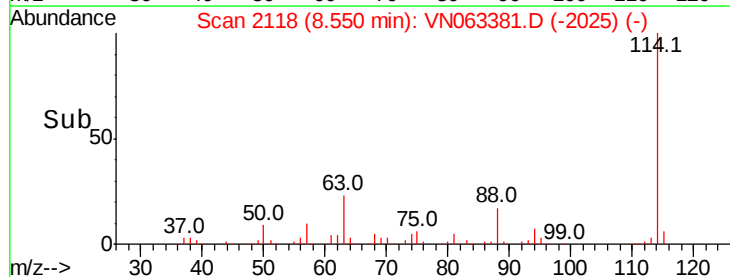
150000

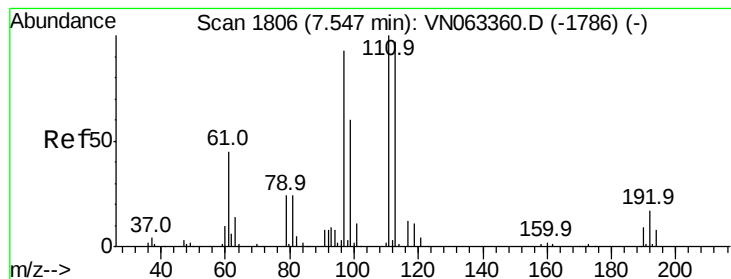
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 45.406 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

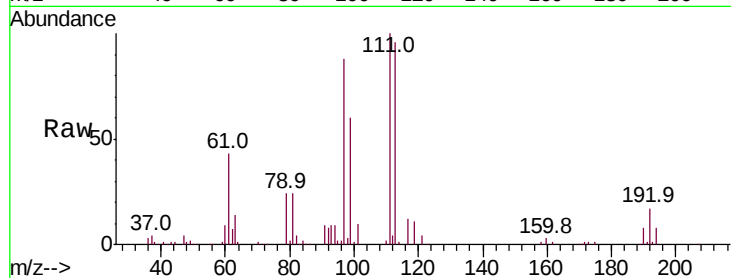
Tot Ion:113 Resp: 156437

Ion Ratio Lower Upper

113 100

111 105.2 82.9 124.3

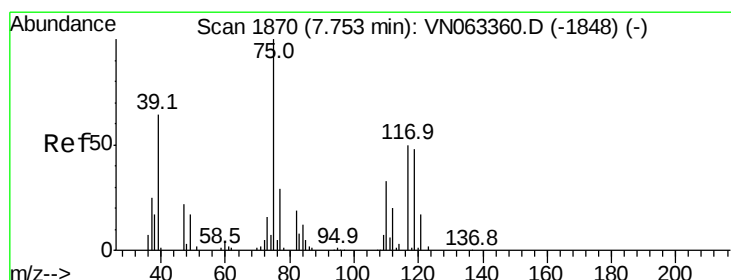
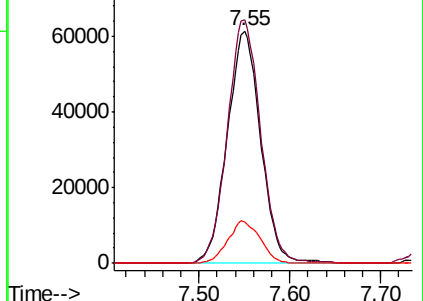
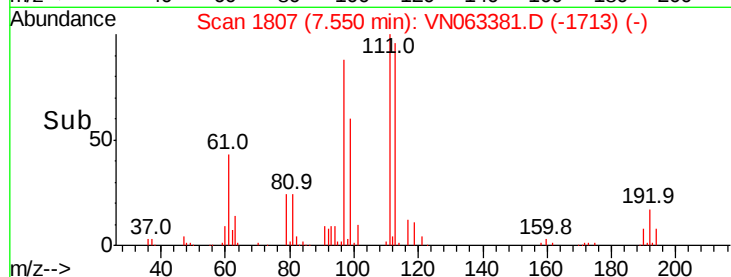
192 17.7 13.9 20.9



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: 47.425 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

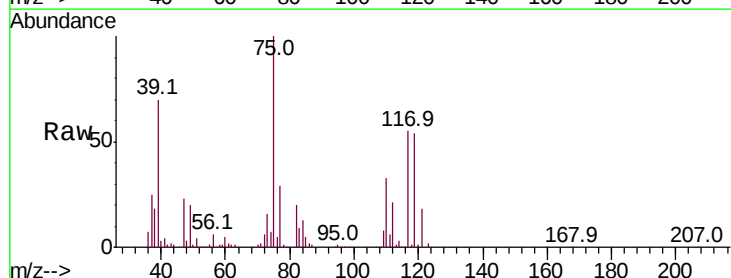
Tgt Ion: 75 Resp: 251451

Ion Ratio Lower Upper

75 100

110 33.6 16.5 49.5

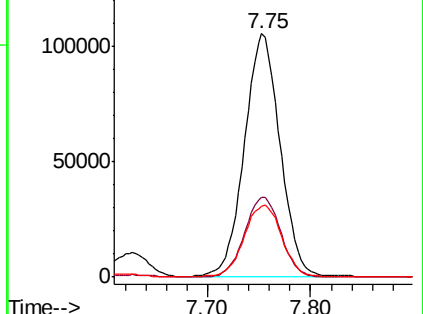
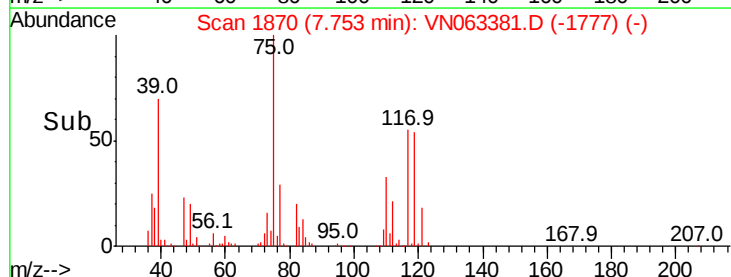
77 31.5 24.6 36.8

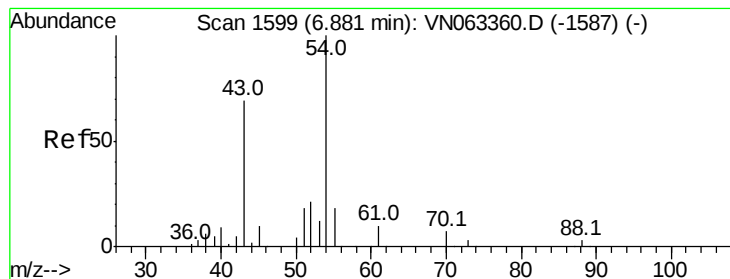


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#37

Ethyl Acetate

Concen: 48.284 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

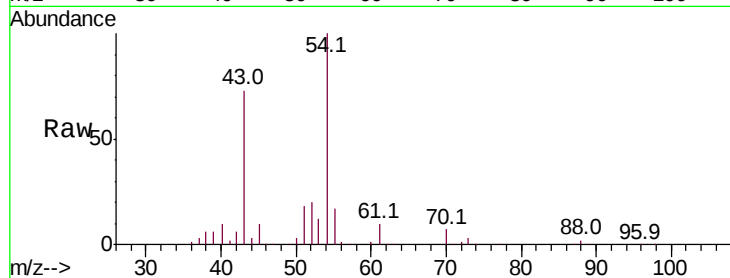
Tot Ion: 43 Resp: 251259

Ion Ratio Lower Upper

43 100

61 12.5 10.6 15.8

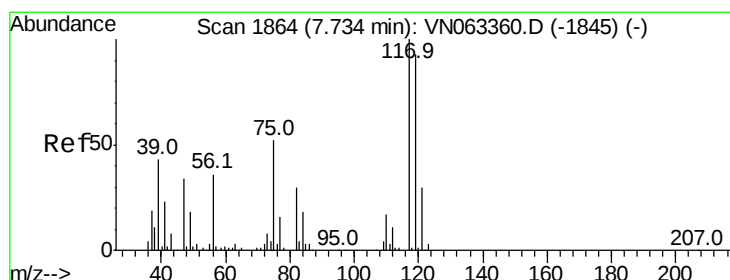
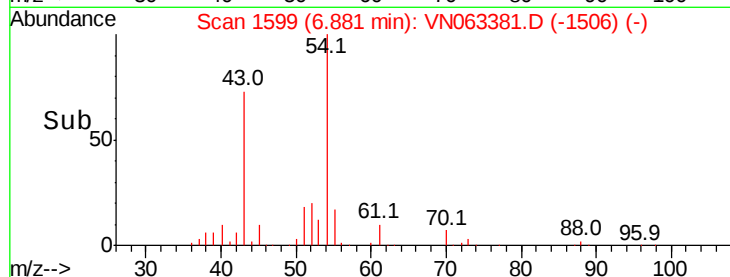
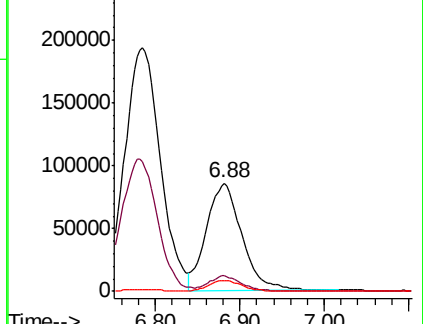
70 9.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN063381.D (-1506) (-)

Ion 60.90 (60.60 to 61.60): VN063381.D (-1506) (-)

Ion 70.00 (69.70 to 70.70): VN063381.D (-1506) (-)



#38

Carbon Tetrachloride

Concen: 47.910 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

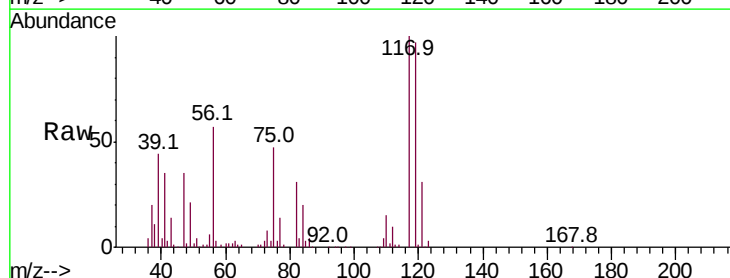
Tgt Ion: 117 Resp: 259307

Ion Ratio Lower Upper

117 100

119 96.8 74.5 111.7

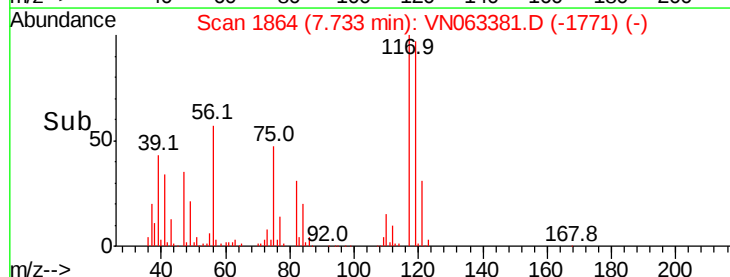
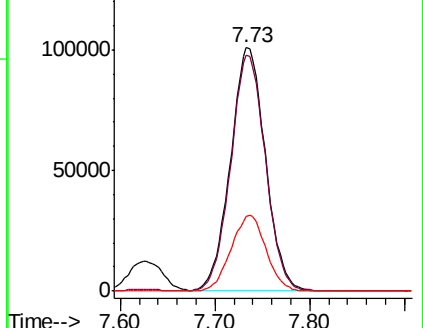
121 30.5 24.1 36.1

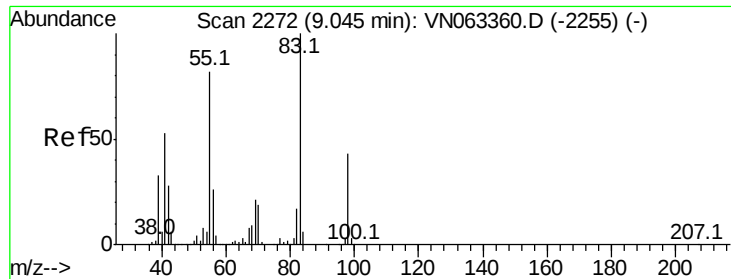


Abundance Ion 116.80 (116.50 to 117.50): VN063381.D (-1771) (-)

Ion 118.80 (118.50 to 119.50): VN063381.D (-1771) (-)

Ion 120.80 (120.50 to 121.50): VN063381.D (-1771) (-)

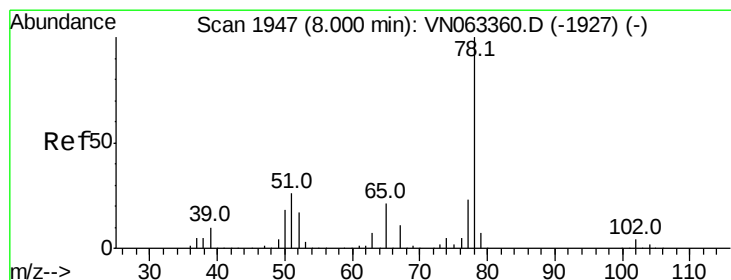
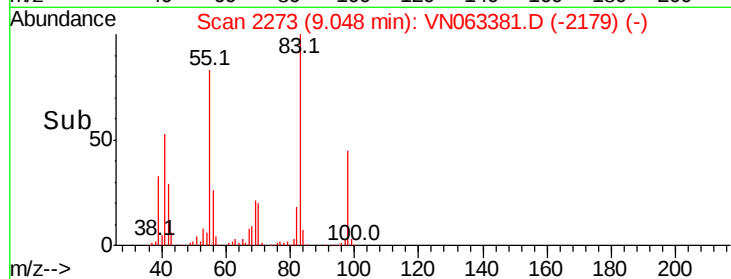
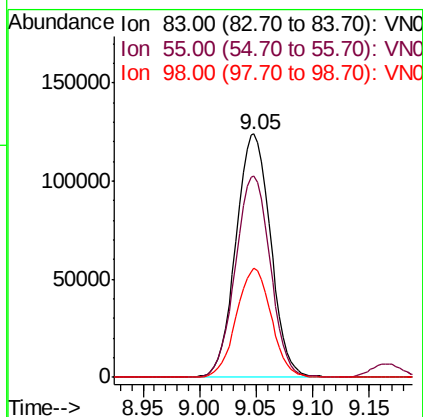
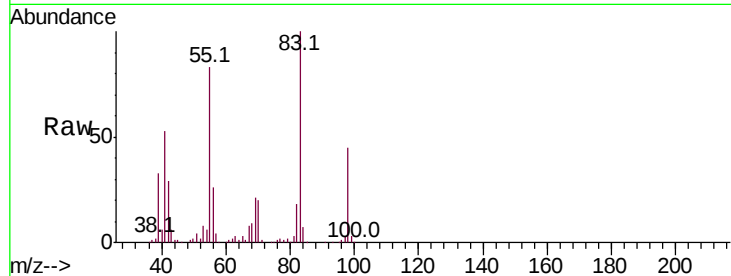




#39
Methvlcvclohexane
Concen: 46.141 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

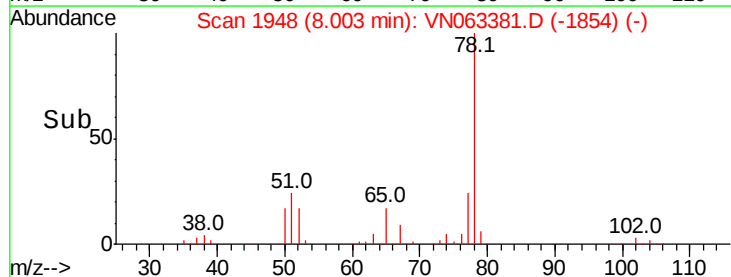
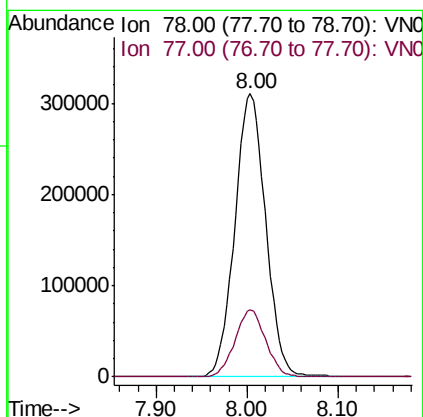
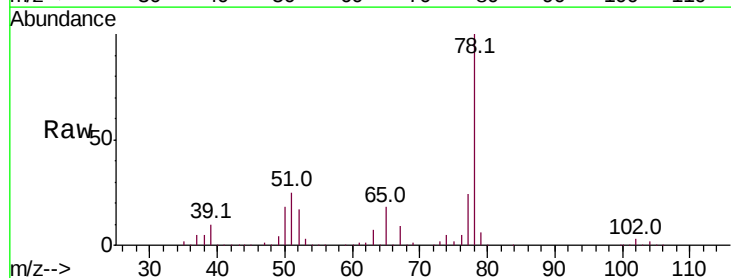
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

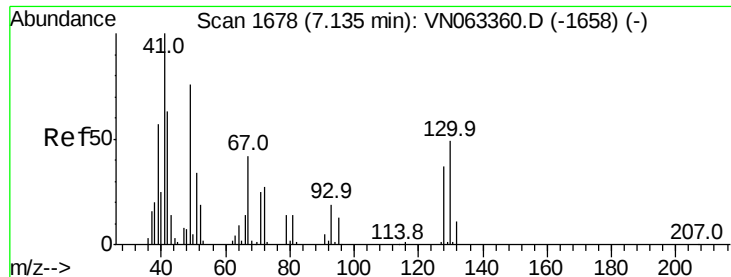
Tot Ion: 83 Resp: 265517
Ion Ratio Lower Upper
83 100
55 82.6 65.5 98.3
98 44.6 34.2 51.4



#40
Benzene
Concen: 48.310 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion: 78 Resp: 731179
Ion Ratio Lower Upper
78 100
77 23.7 18.3 27.5

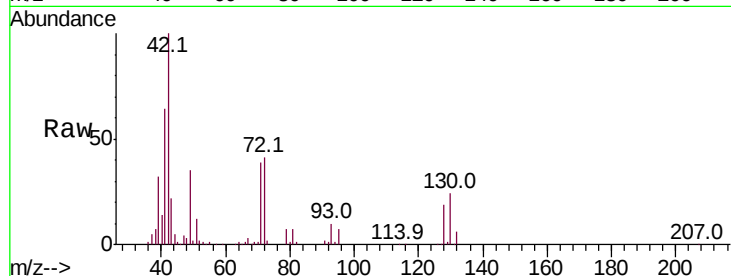




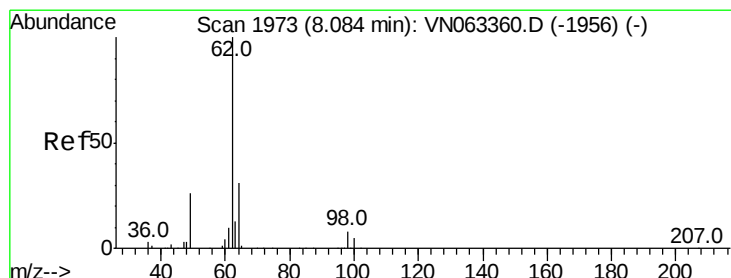
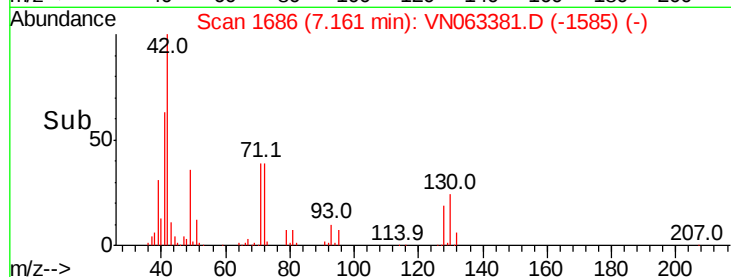
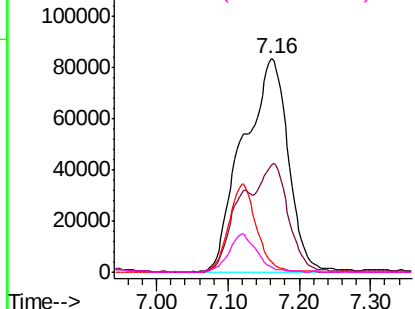
#41
Methacrylonitrile
Concen: 155.926 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	364935
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

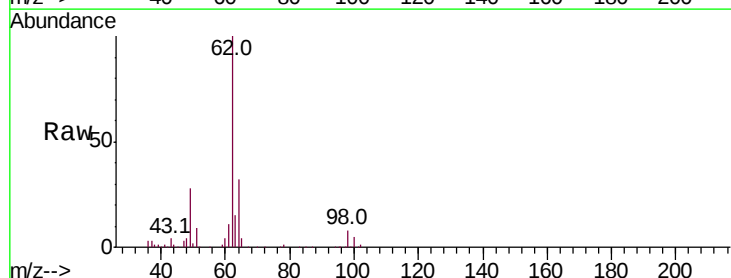


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

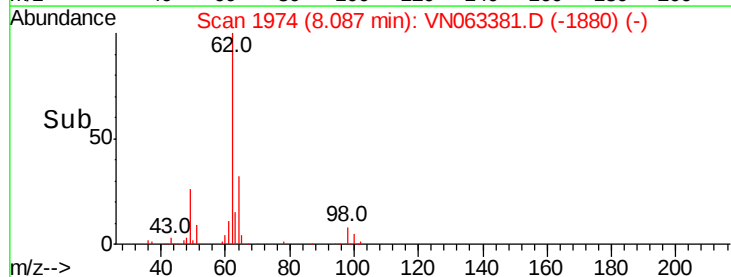
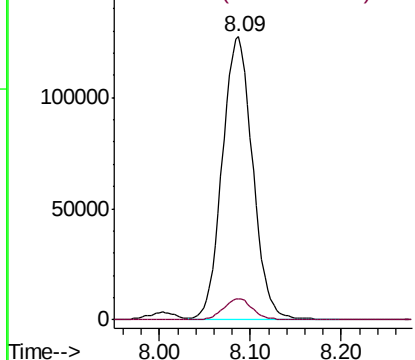


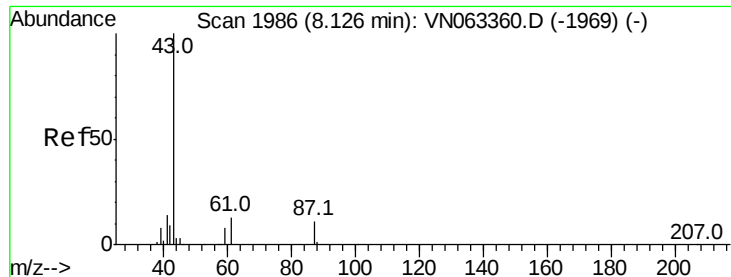
#42
1,2-Dichloroethane
Concen: 48.425 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion:	62	Resp:	294744
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 46.726 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

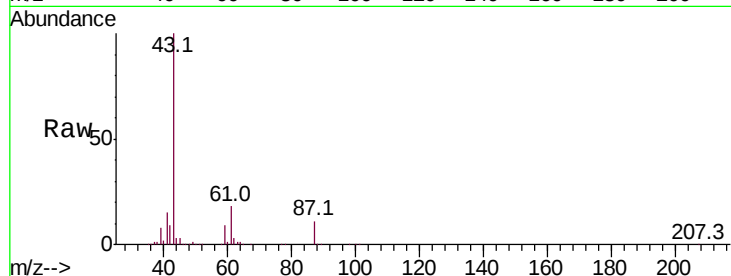
Tot Ion: 43 Resp: 434772

Ion Ratio Lower Upper

43 100

61 24.4 14.2 21.2#

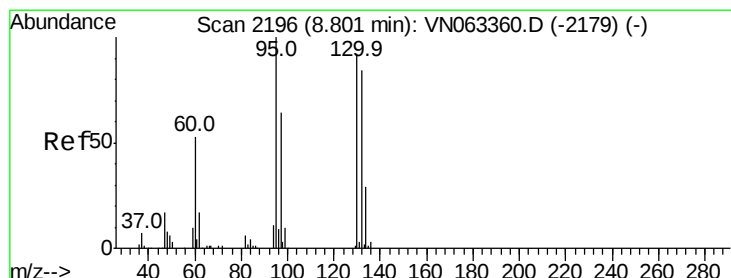
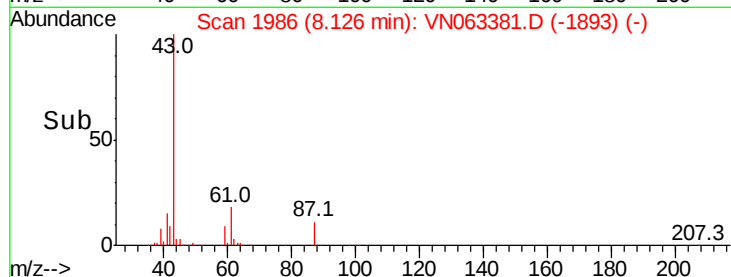
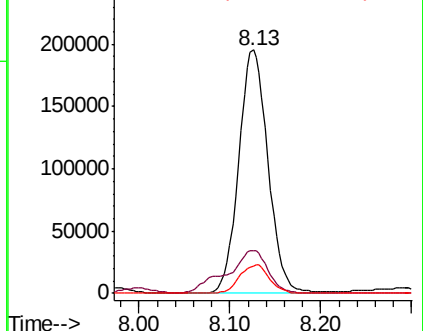
87 11.9 9.0 13.6



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: 48.692 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063381.D

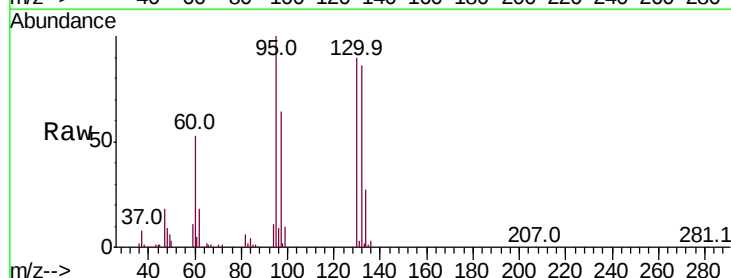
Acq: 16 Sep 2020 22:17

Tgt Ion: 130 Resp: 178750

Ion Ratio Lower Upper

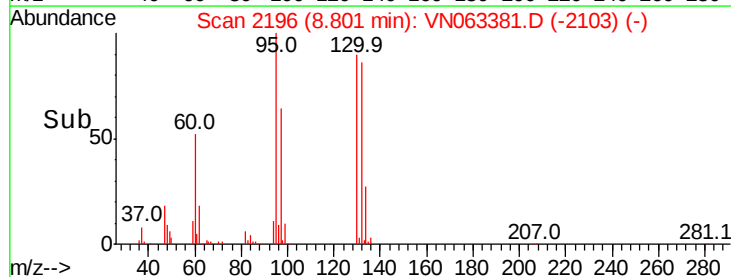
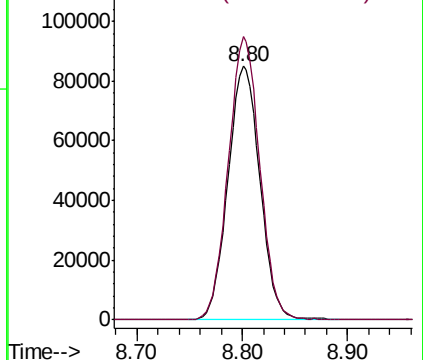
130 100

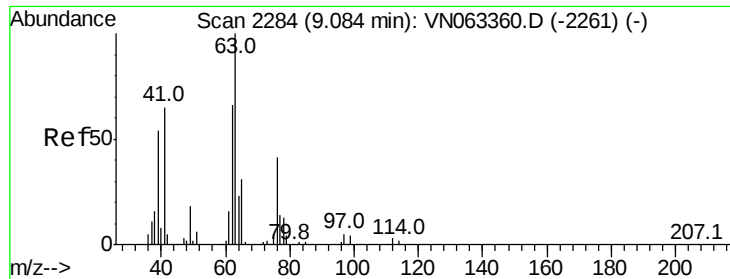
95 111.5 0.0 217.4



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: 49.159 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampled :

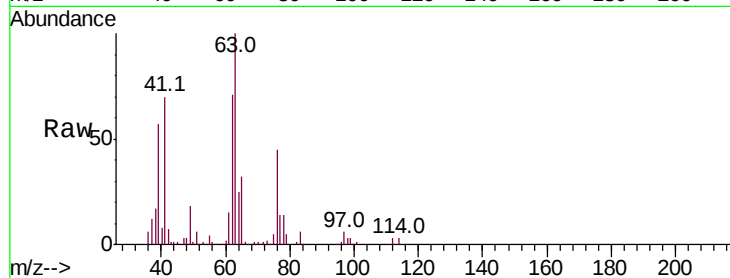
VSTDCCC050

Tot Ion: 63 Resp: 202645

Ion Ratio Lower Upper

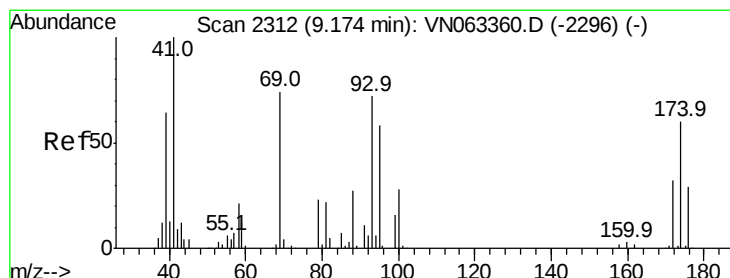
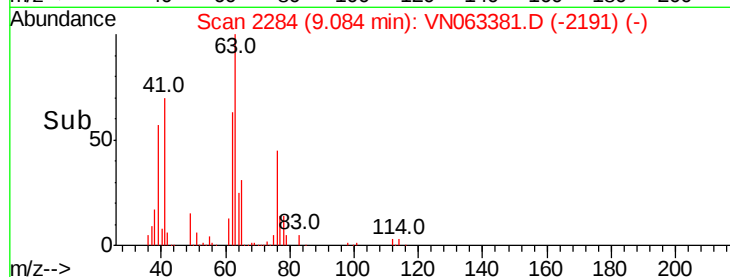
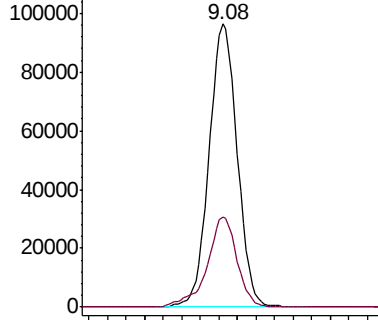
63 100

65 31.9 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: 49.218 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

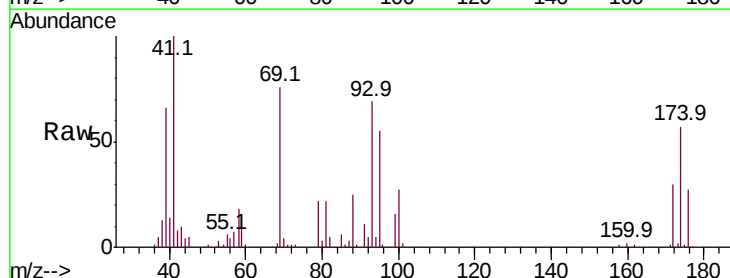
Tgt Ion: 93 Resp: 133349

Ion Ratio Lower Upper

93 100

95 80.7 65.6 98.4

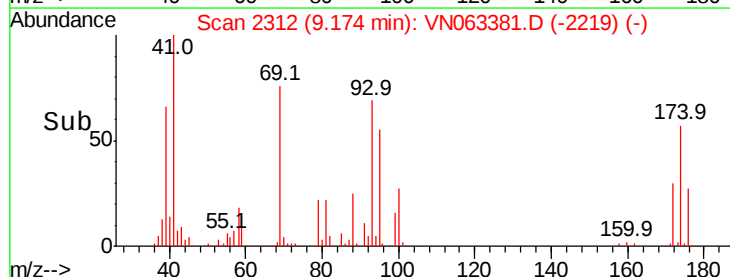
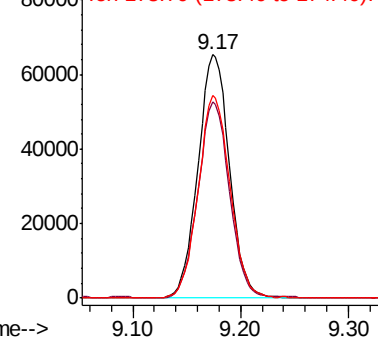
174 83.9 68.1 102.1

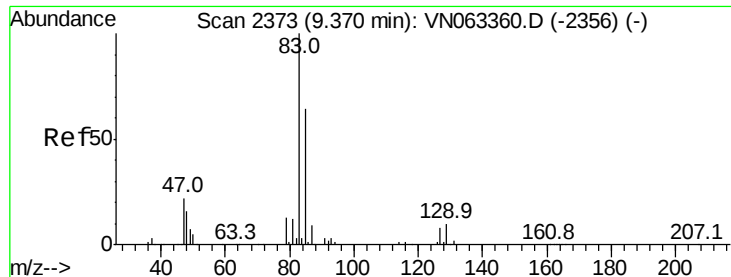


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.669 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

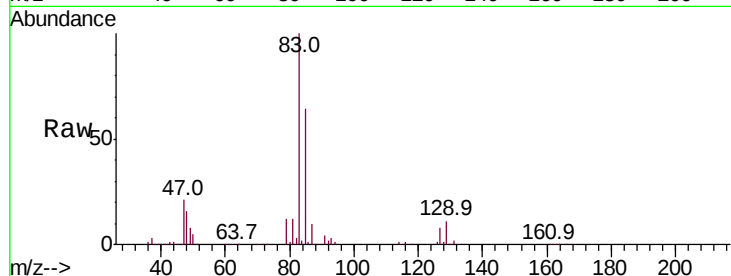
Tot Ion: 83 Resp: 279568

Ion Ratio Lower Upper

83 100

85 64.3 51.0 76.6

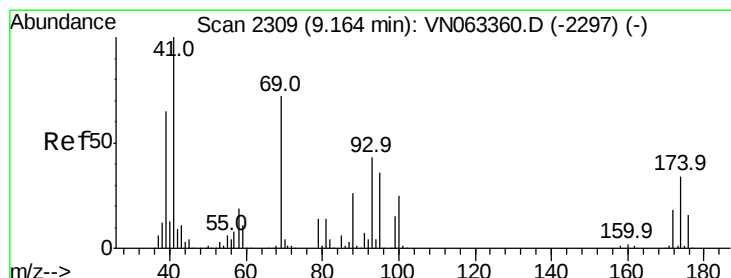
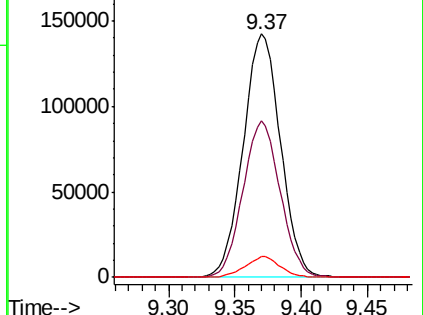
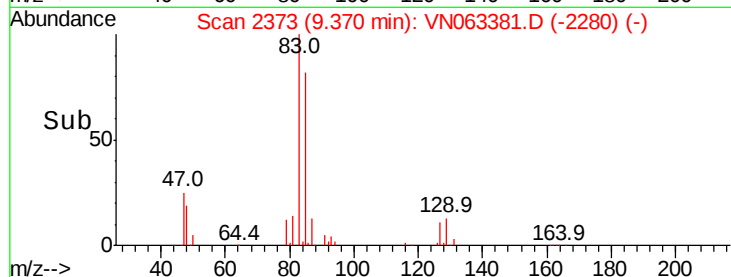
127 8.4 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063381.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063381.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063381.D (-2280) (-)



#48

Methyl methacrylate

Concen: 46.952 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

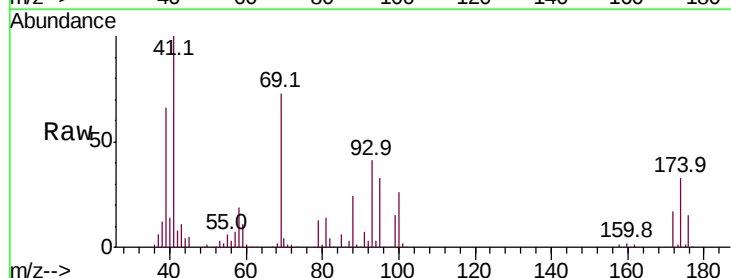
Tgt Ion: 41 Resp: 214643

Ion Ratio Lower Upper

41 100

69 76.0 59.3 88.9

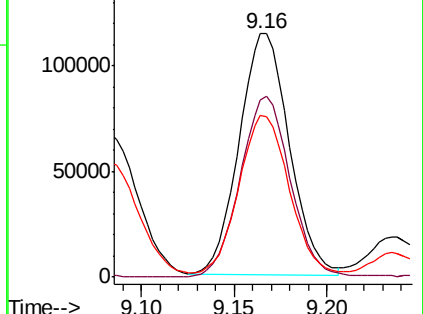
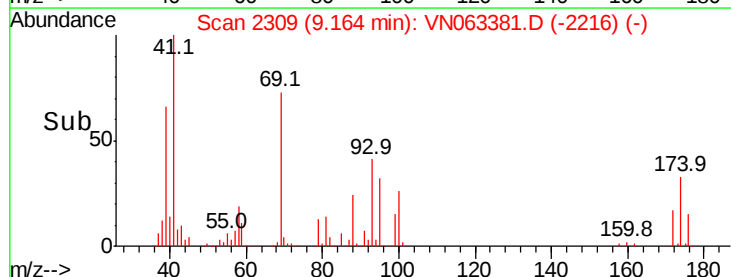
39 68.7 52.9 79.3

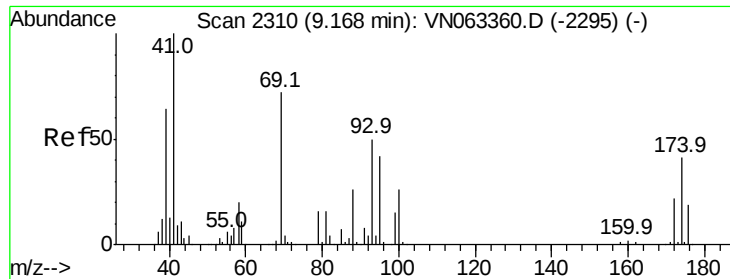


Abundance Ion 41.00 (40.70 to 41.70): VN063381.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN063381.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN063381.D (-2216) (-)





#49

1,4-Dioxane

Concen: 896.045 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

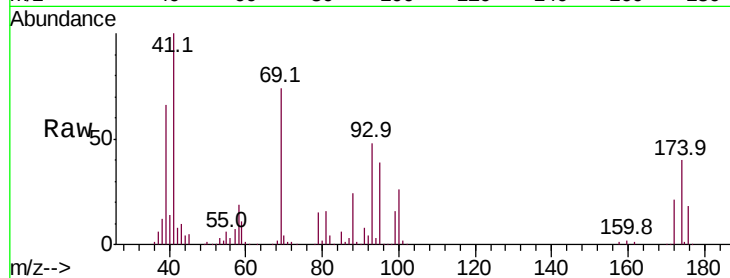
Tot Ion: 88 Resp: 58784

Ion Ratio Lower Upper

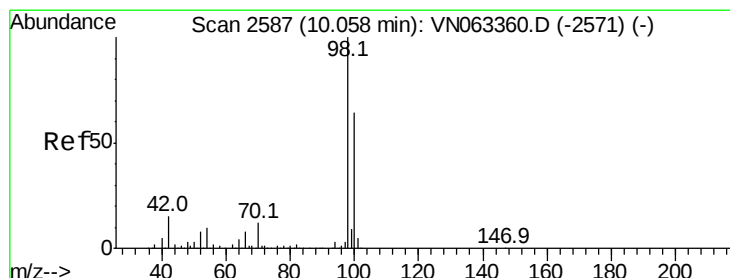
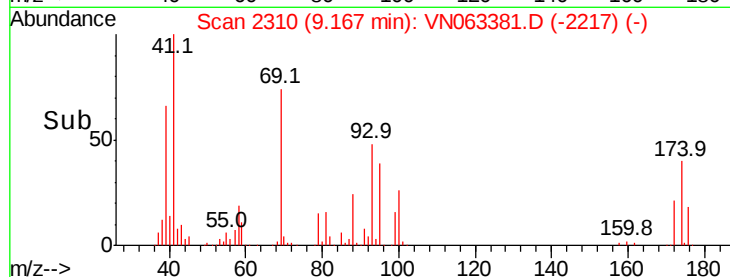
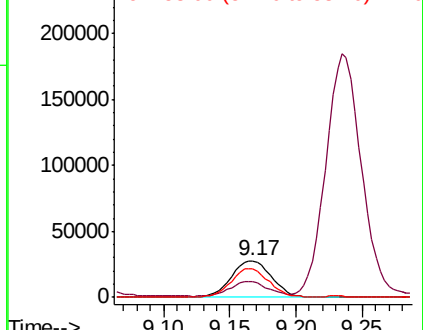
88 100

43 39.2 32.6 49.0

58 73.8 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 46.799 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063381.D

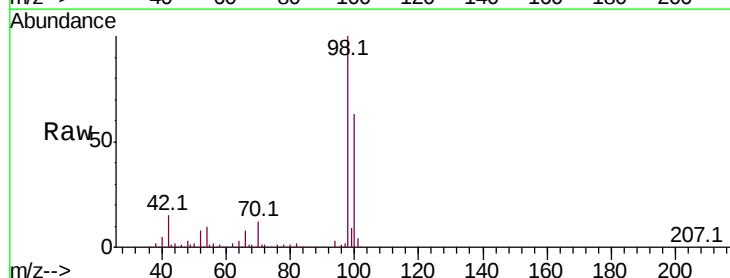
Acq: 16 Sep 2020 22:17

Tgt Ion: 98 Resp: 606282

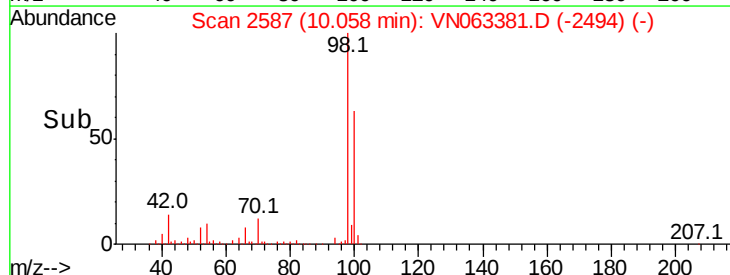
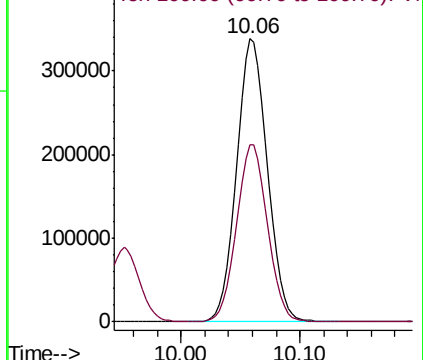
Ion Ratio Lower Upper

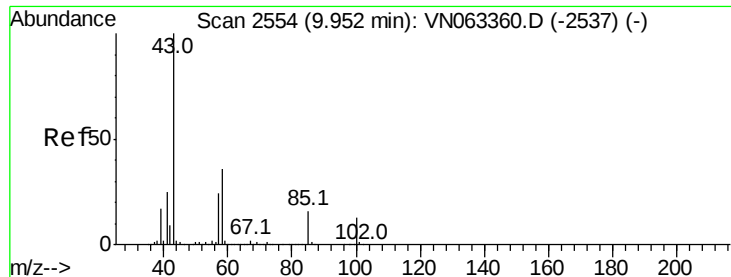
98 100

100 62.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 243.134 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

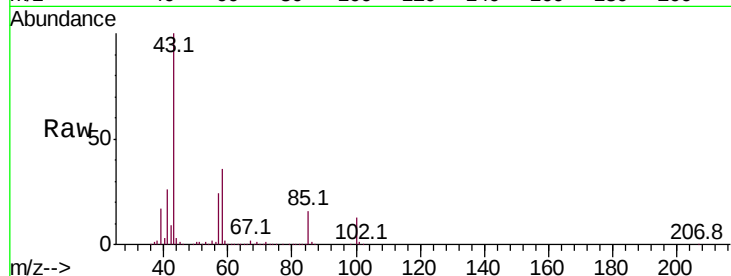
VSTDCCC050

Tot Ion: 43 Resp: 1266517

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2537) (-)

800000

600000

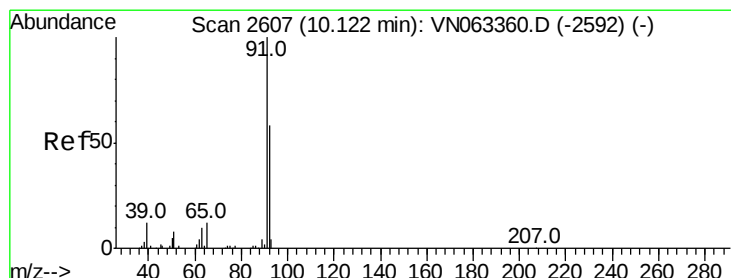
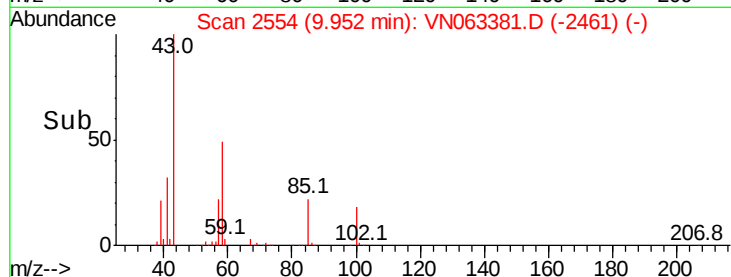
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 50.725 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063381.D

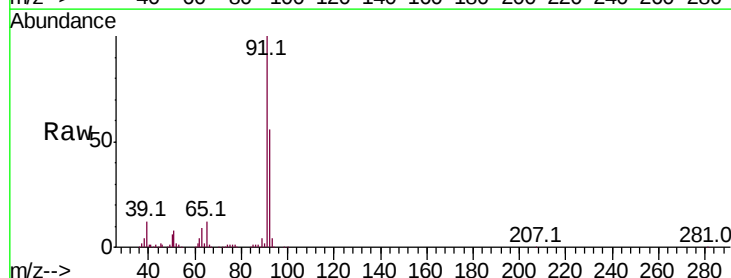
Acq: 16 Sep 2020 22:17

Tgt Ion: 92 Resp: 461592

Ion Ratio Lower Upper

92 100

91 175.2 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN063360.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-2592) (-)

500000

400000

300000

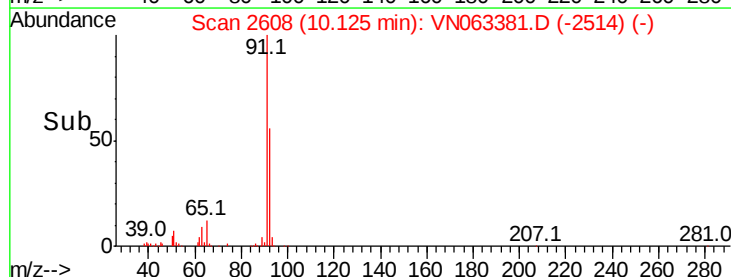
200000

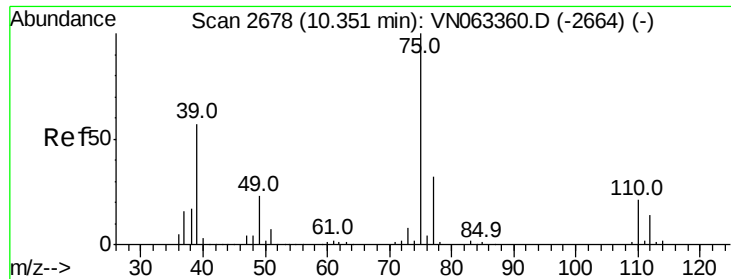
100000

0

10.10 10.13 10.20

Time-->

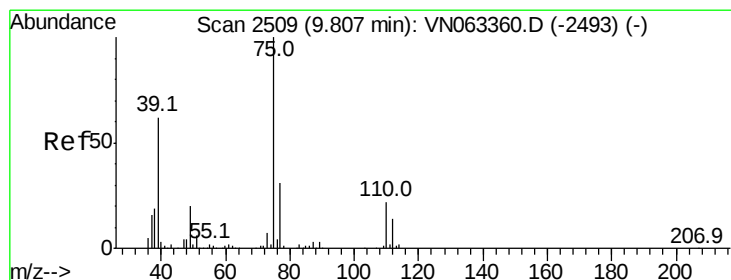
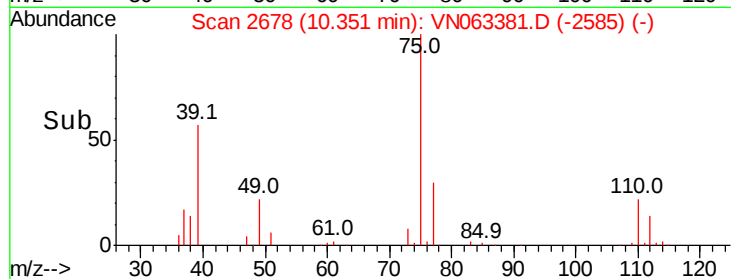
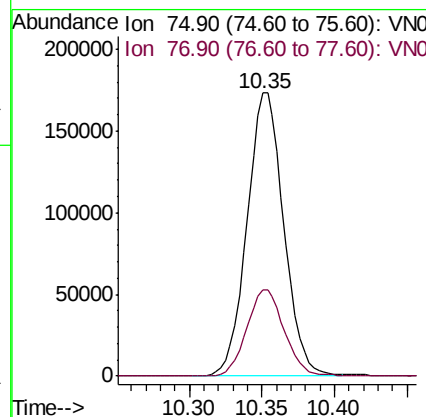
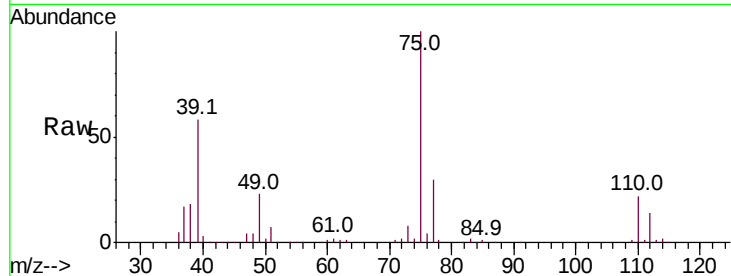




#53
 t-1,3-Dichloropropene
 Concen: 48.576 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

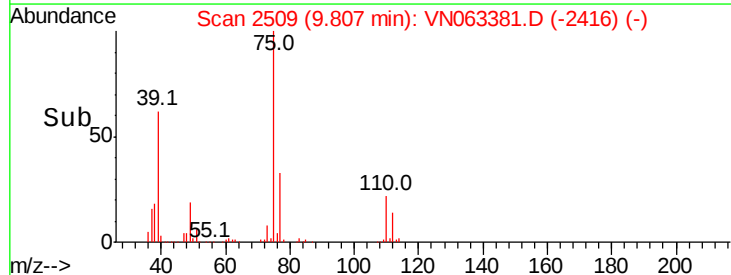
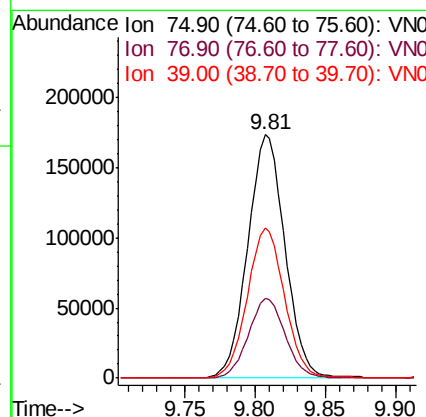
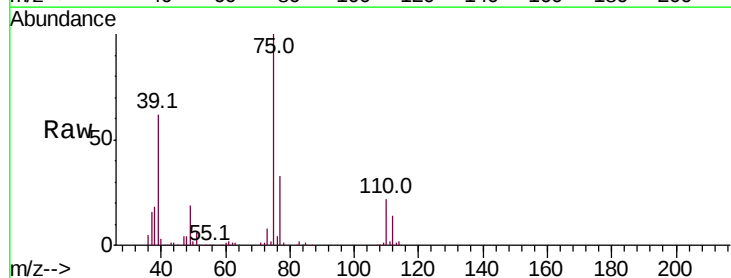
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

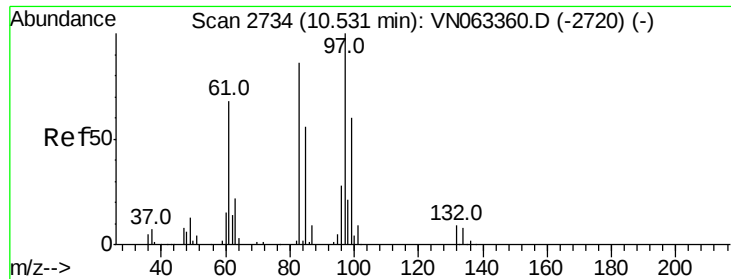
Tot Ion: 75 Resp: 305240
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.342 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion: 75 Resp: 320412
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 37.0
 39 61.6 49.8 74.8



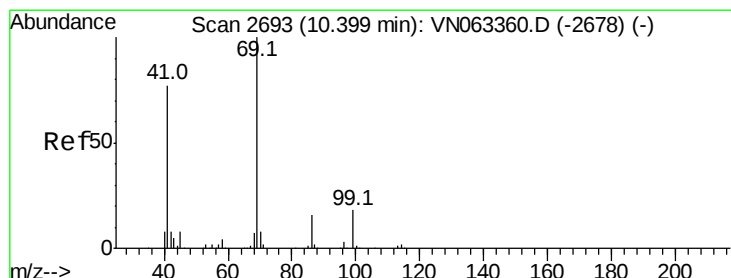
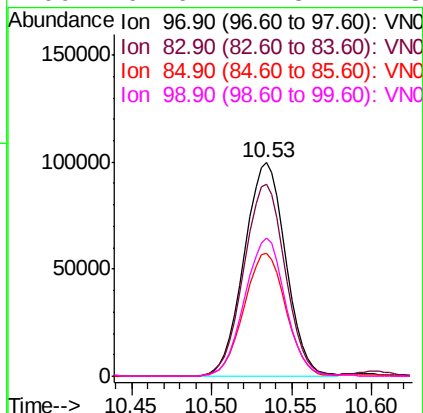
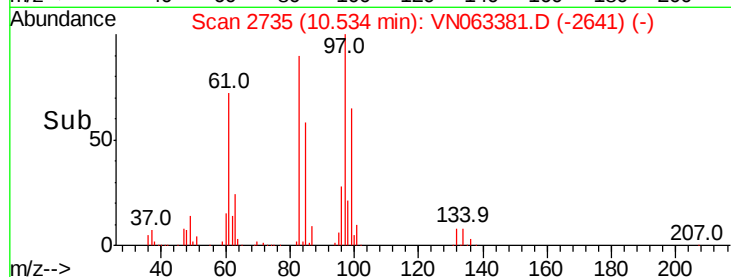
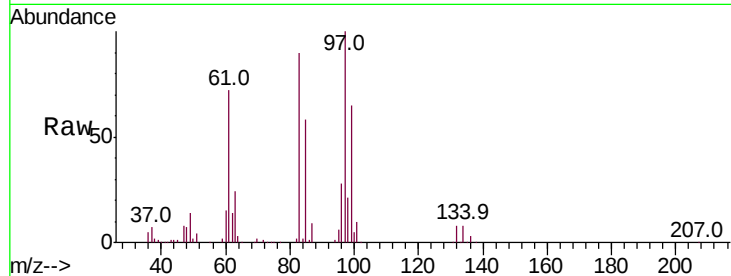


#55
 1,1,2-Trichloroethane
 Concen: 49.119 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 177542

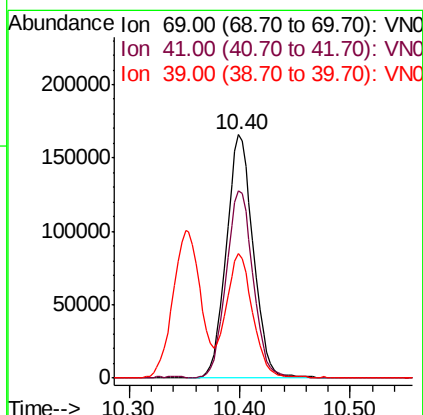
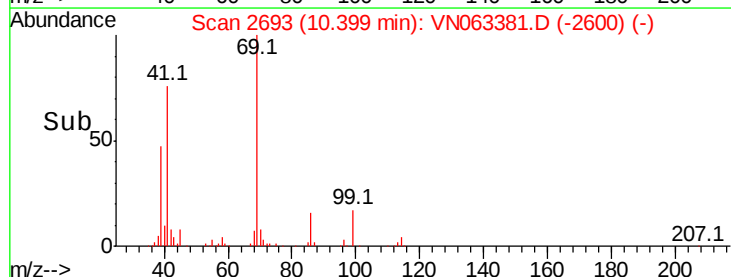
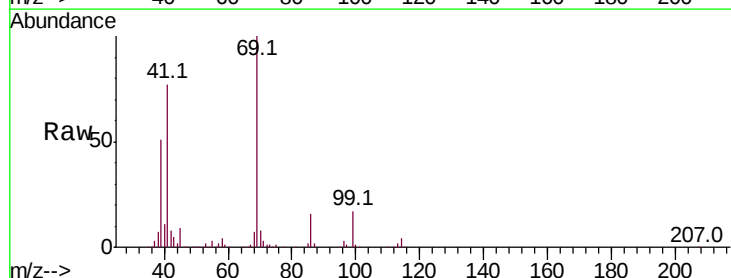
Ion	Ratio	Lower	Upper
97	100		
83	89.9	68.9	103.3
85	57.5	44.8	67.2
99	64.6	47.8	71.8

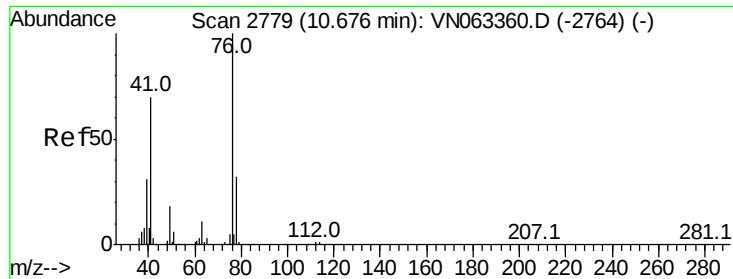


#56
 Ethyl methacrylate
 Concen: 49.827 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion: 69 Resp: 281156

Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.0	91.6
39	50.1	39.2	58.8





#57

1,3-Dichloropropane

Concen: 48.764 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

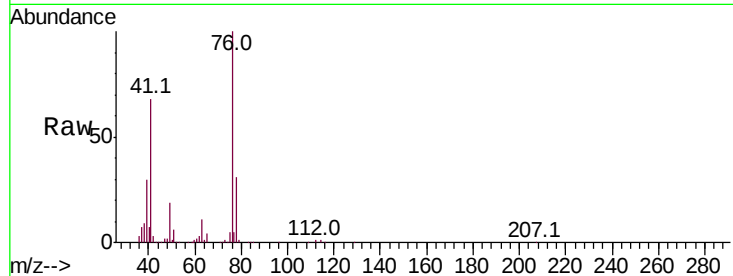
VSTDCCC050

Tot Ion: 76 Resp: 317851

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

200000

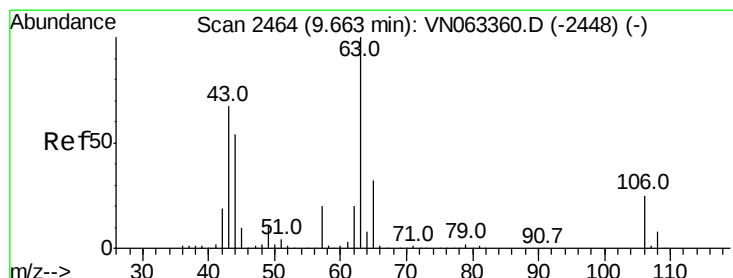
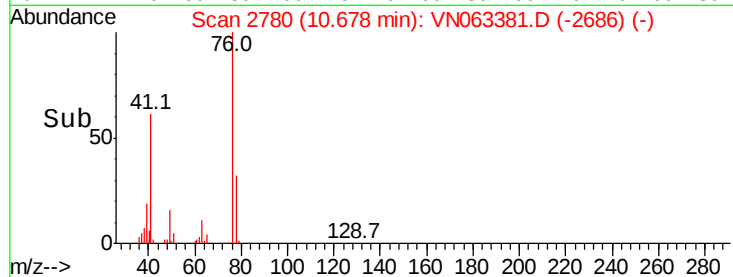
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 236.033 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063381.D

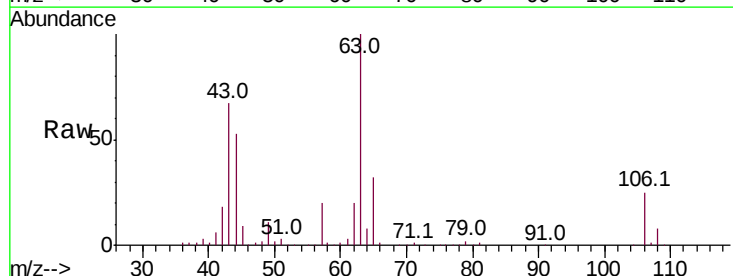
Acq: 16 Sep 2020 22:17

Tgt Ion: 63 Resp: 698669

Ion Ratio Lower Upper

63 100

106 25.0 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

400000

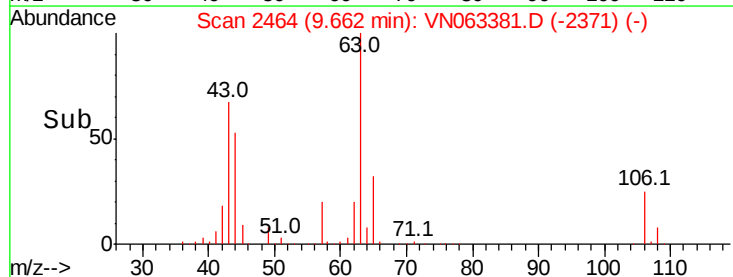
300000

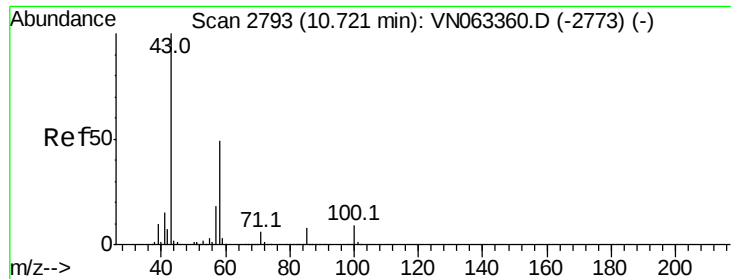
200000

100000

0

Time-->

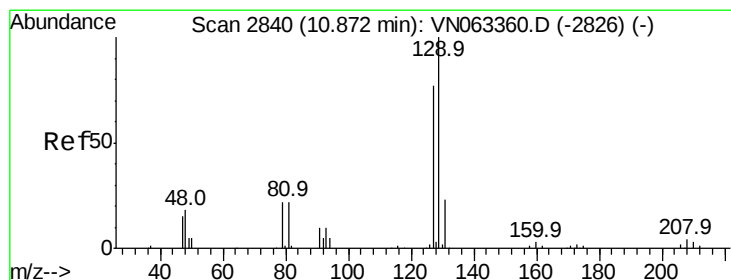
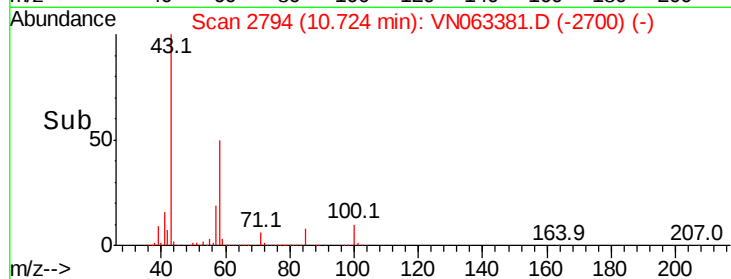
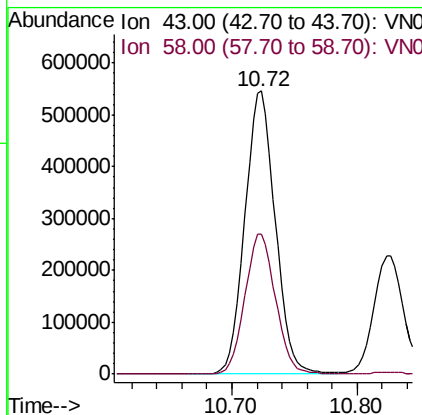
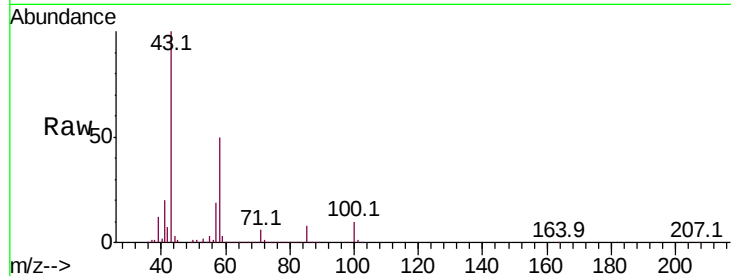




#59
2-Hexanone
Concen: 242.797 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

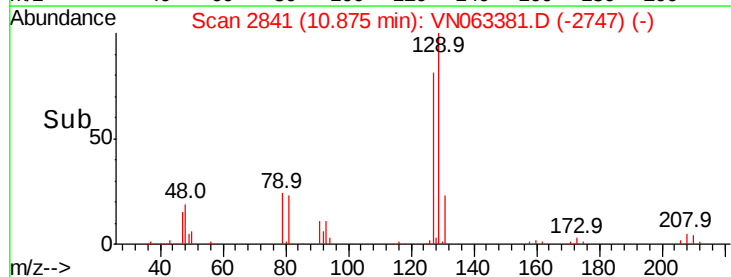
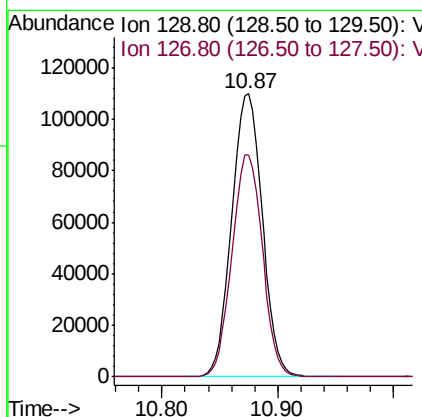
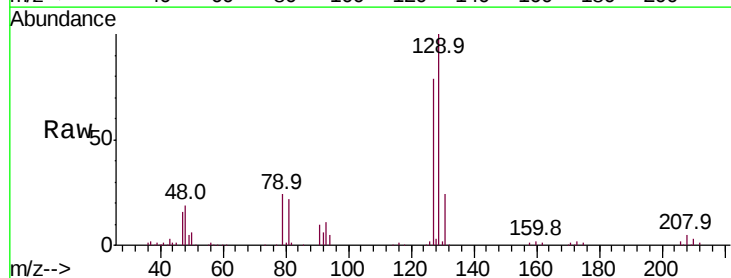
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

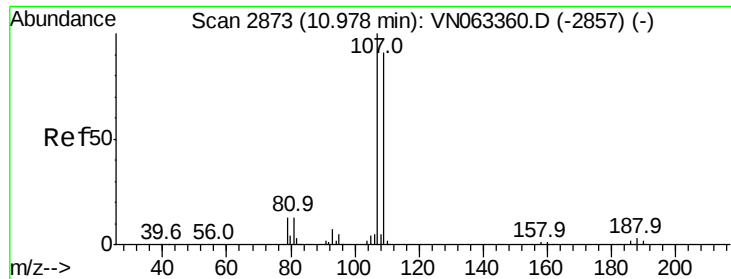
Tot Ion: 43 Resp: 916288
Ion Ratio Lower Upper
43 100
58 50.0 24.7 74.1



#60
Dibromochloromethane
Concen: 49.274 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion: 129 Resp: 201206
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





#61

1,2-Dibromoethane

Concen: 50.279 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

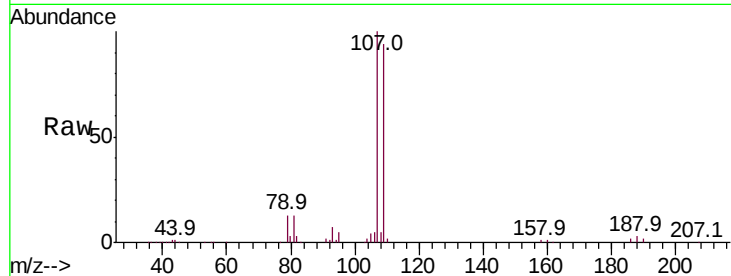
VSTDCCC050

Tot Ion:107 Resp: 188810

Ion Ratio Lower Upper

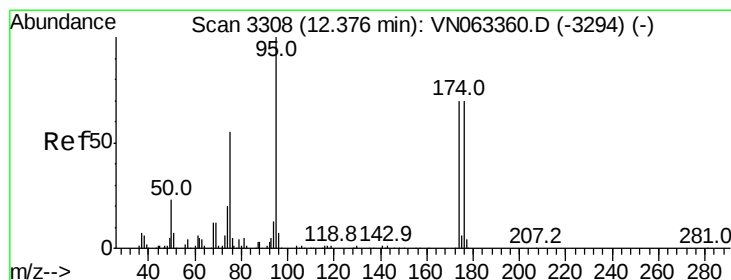
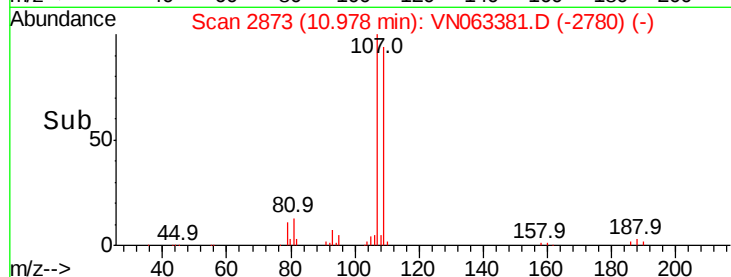
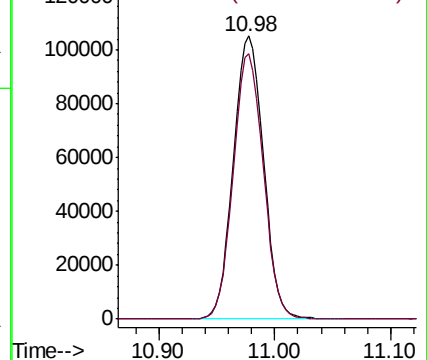
107 100

109 93.7 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.420 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

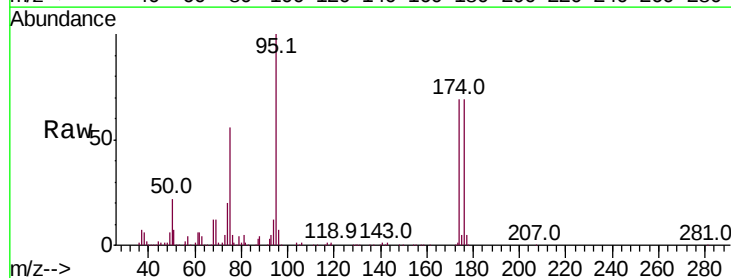
Tgt Ion: 95 Resp: 229950

Ion Ratio Lower Upper

95 100

174 69.7 0.0 140.8

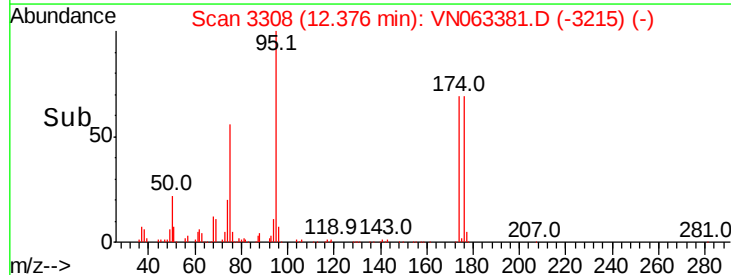
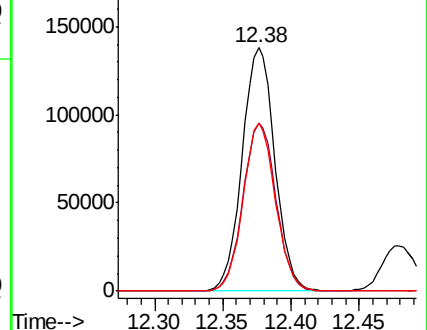
176 68.2 0.0 137.6

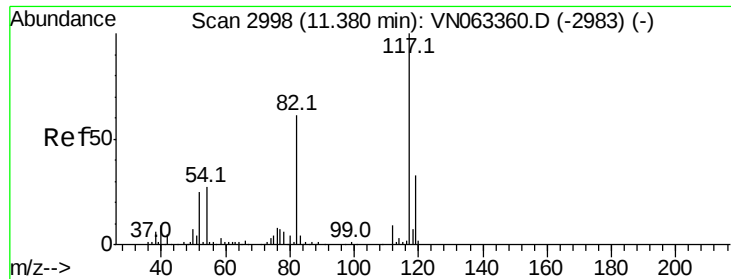


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

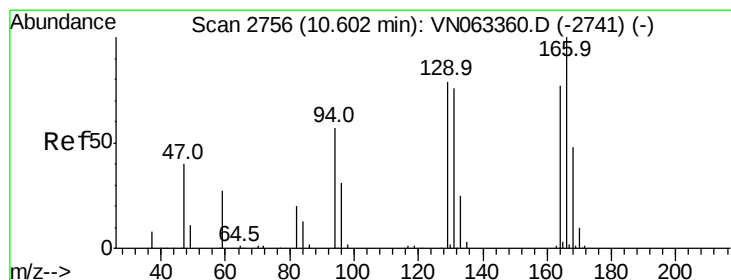
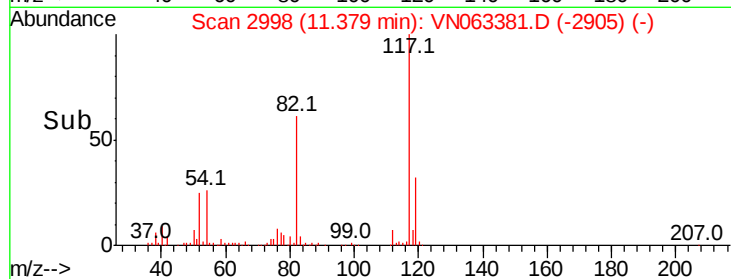
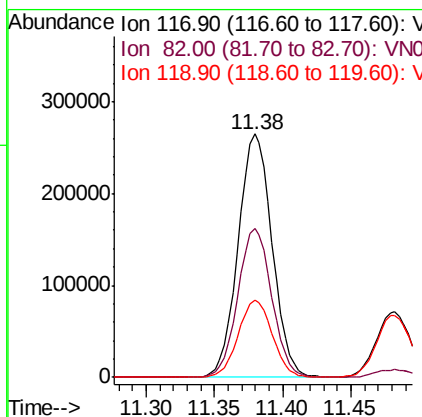
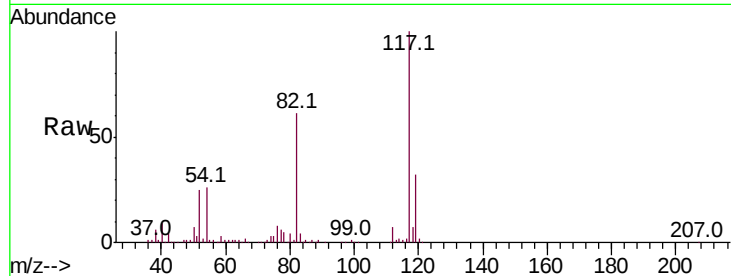




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

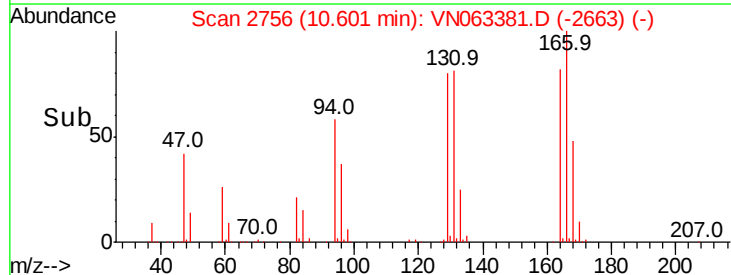
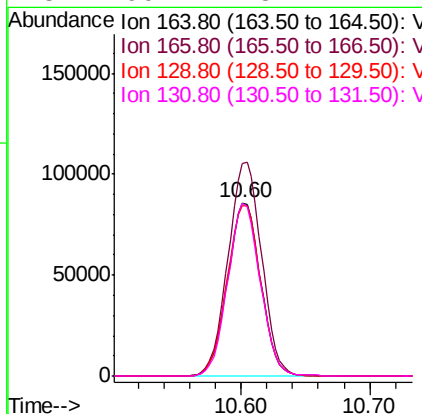
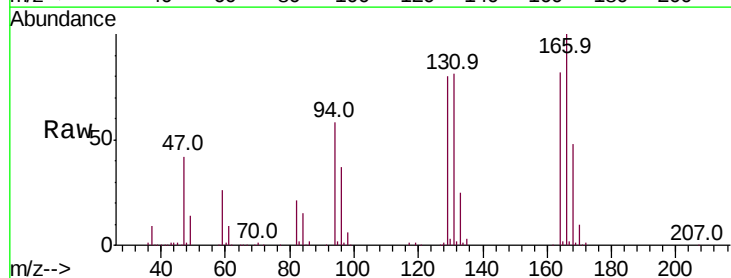
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

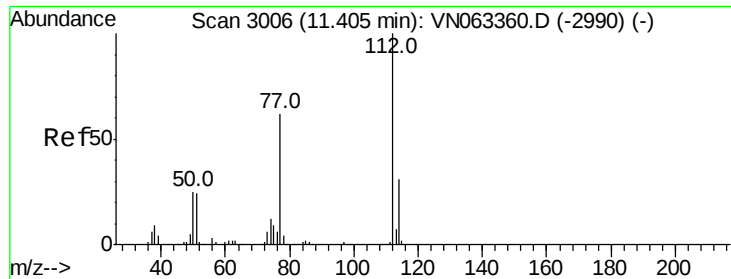
Tot Ion:117 Resp: 458714
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 31.8 26.2 39.4



#64
Tetrachloroethene
Concen: 49.012 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion:164 Resp: 153091
Ion Ratio Lower Upper
164 100
166 122.4 103.4 155.0
129 98.5 81.8 122.6
131 99.7 78.2 117.4





#65

Chlorobenzene

Concen: 48.938 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

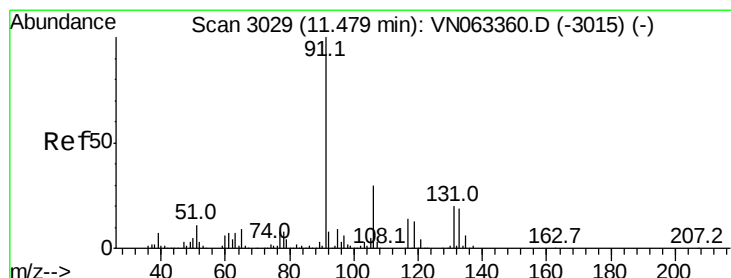
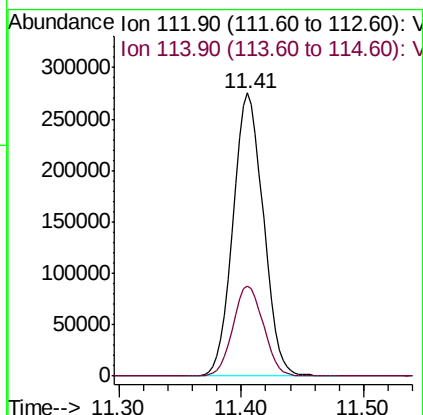
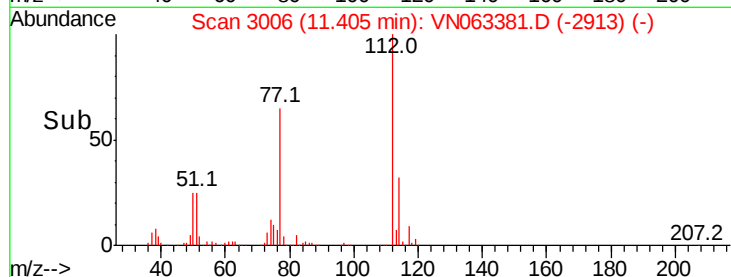
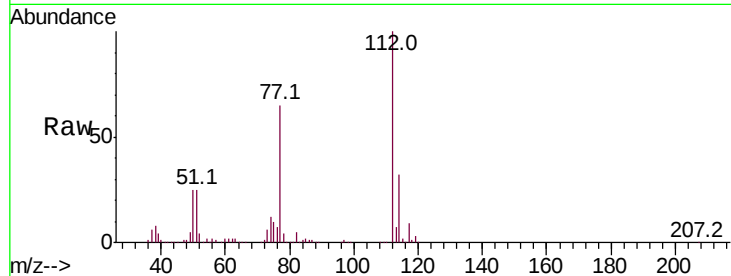
VSTDCCC050

Tot Ion:112 Resp: 476517

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.137 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

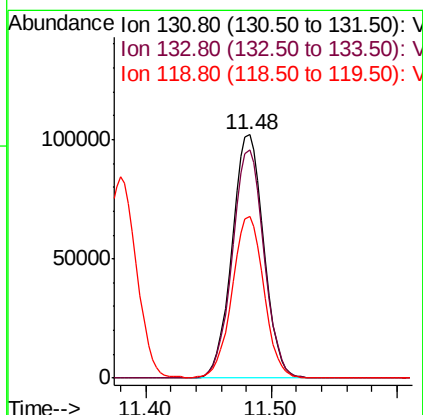
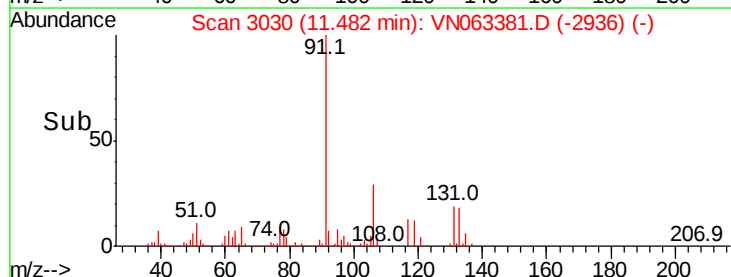
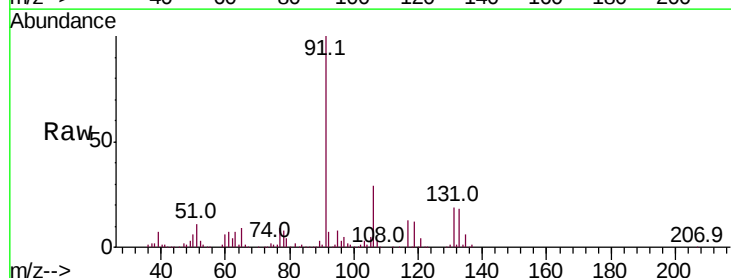
Tgt Ion:131 Resp: 178955

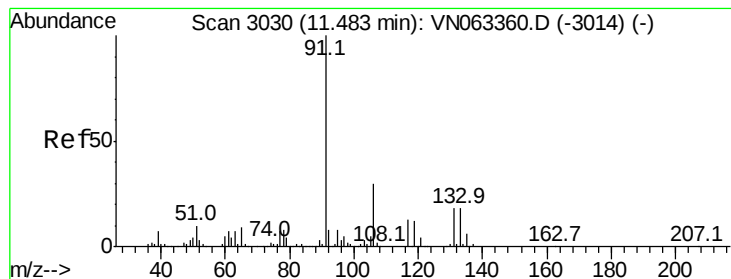
Ion Ratio Lower Upper

131 100

133 94.1 47.3 141.9

119 66.6 33.6 100.8





#67

Ethyl Benzene

Concen: 49.949 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

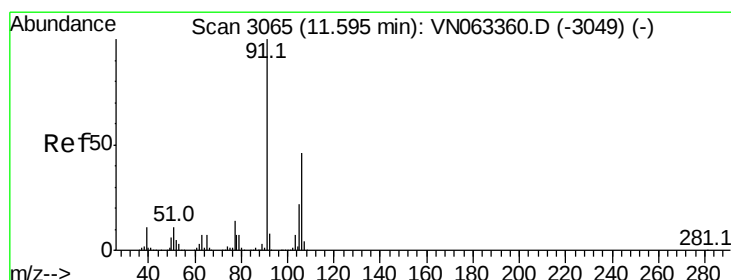
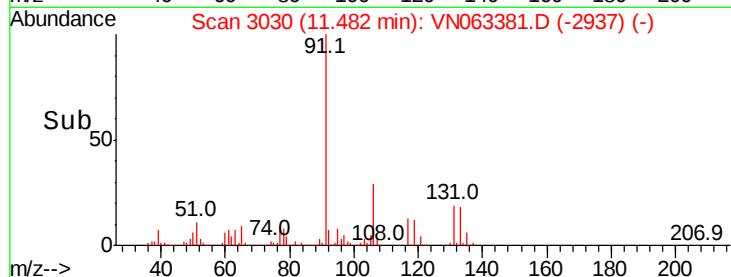
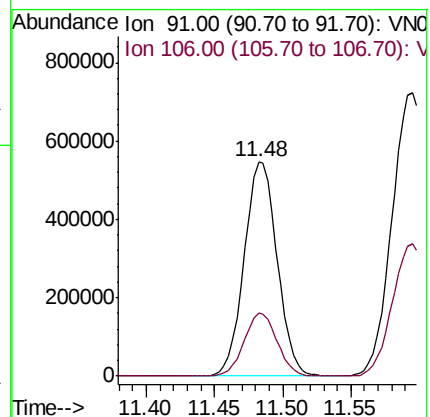
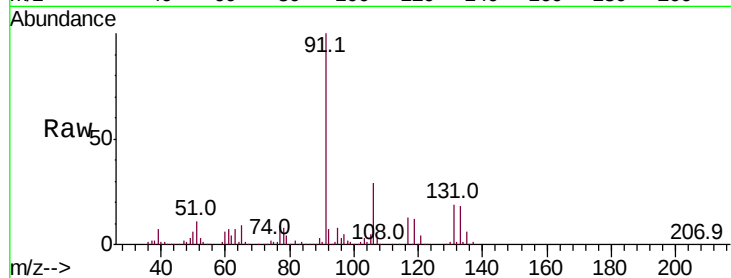
VSTDCCC050

Tot Ion: 91 Resp: 915924

Ion Ratio Lower Upper

91 100

106 29.2 23.8 35.6



#68

m/p-Xylenes

Concen: 98.830 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063381.D

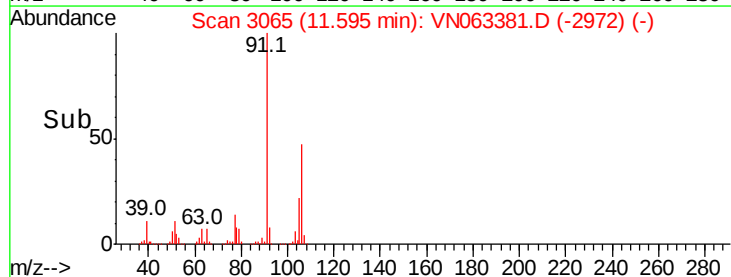
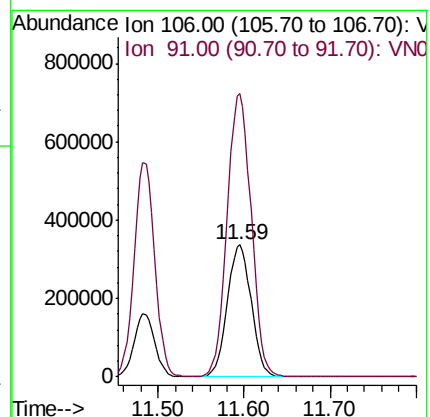
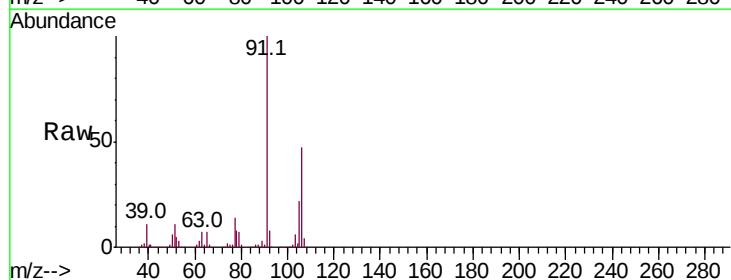
Acq: 16 Sep 2020 22:17

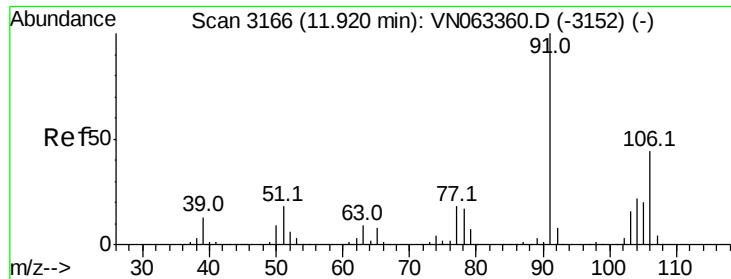
Tgt Ion: 106 Resp: 653404

Ion Ratio Lower Upper

106 100

91 215.0 171.2 256.8

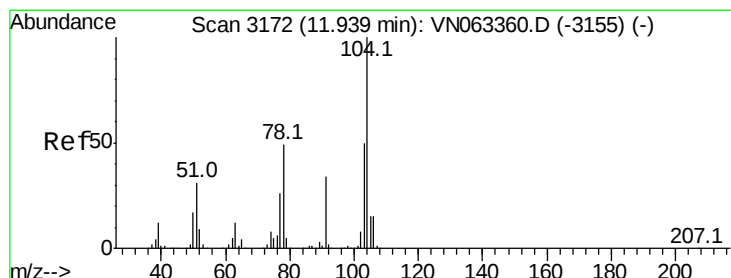
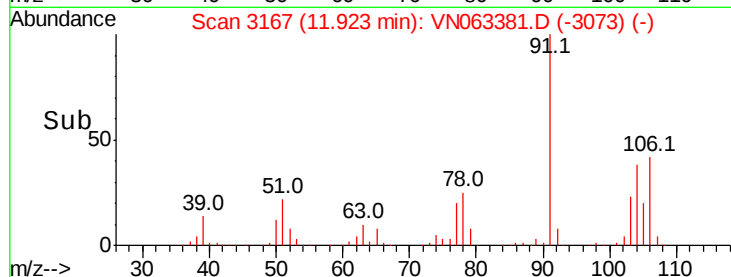
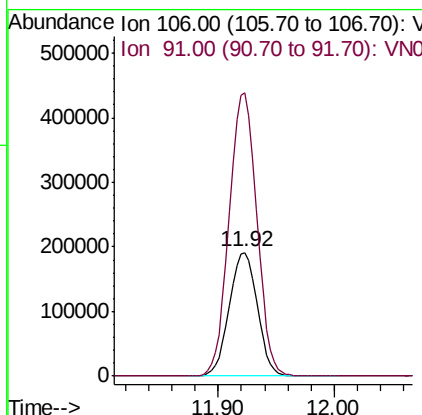
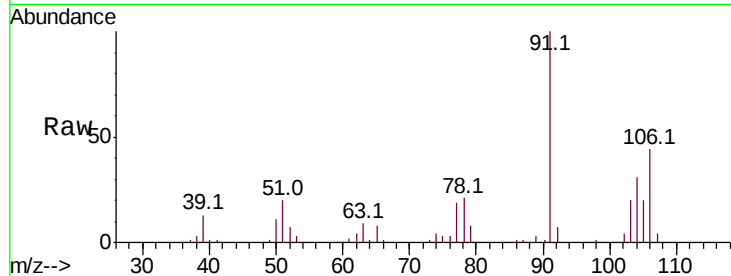




#69
o-Xylene
Concen: 50.824 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

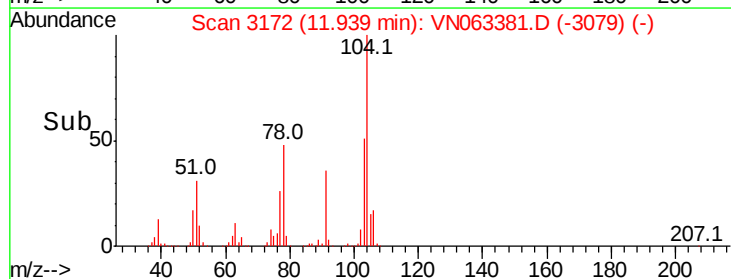
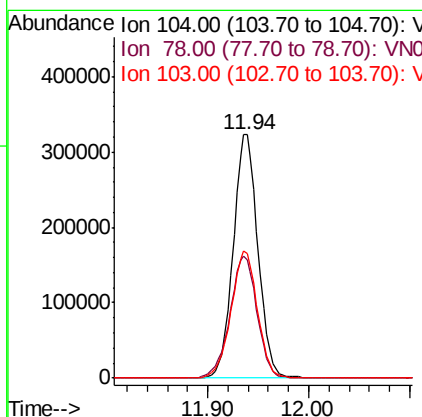
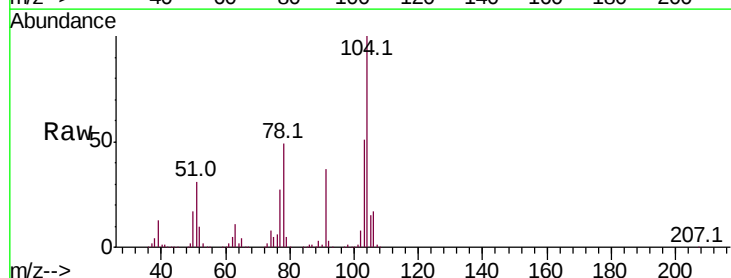
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

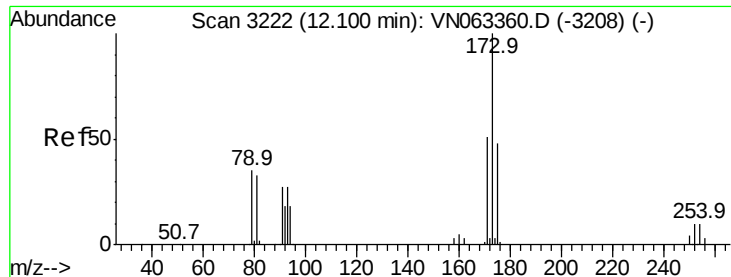
Tot Ion:106 Resp: 320092
Ion Ratio Lower Upper
106 100
91 225.3 113.6 340.8



#70
Styrene
Concen: 52.084 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion:104 Resp: 550099
Ion Ratio Lower Upper
104 100
78 55.0 44.4 66.6
103 55.7 43.7 65.5

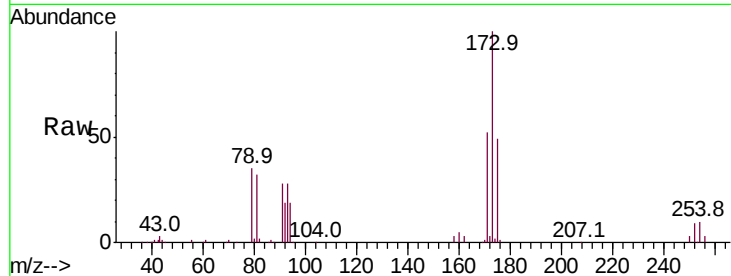




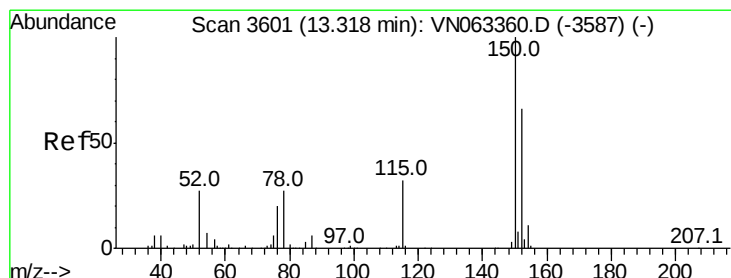
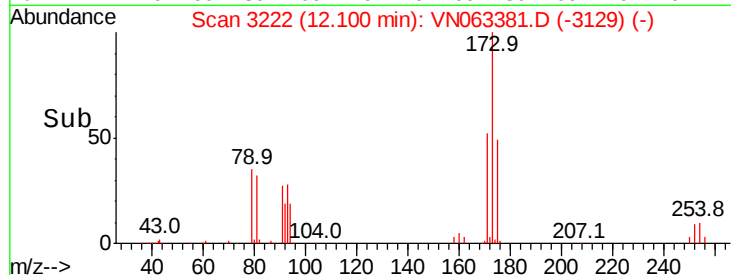
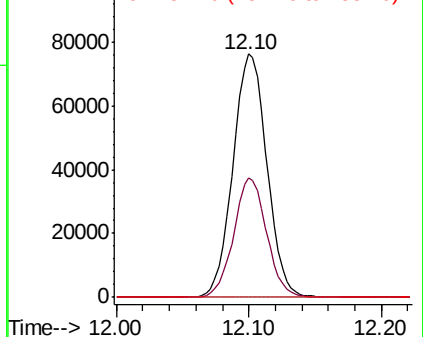
#71
Bromoform
Concen: 51.001 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 135613
Ion Ratio Lower Upper
173 100
175 47.3 24.0 72.0
254 0.0 0.0 0.0

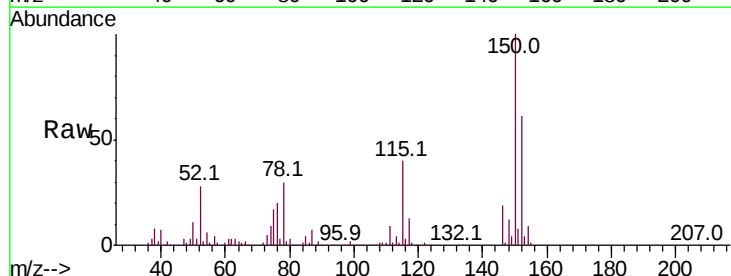


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

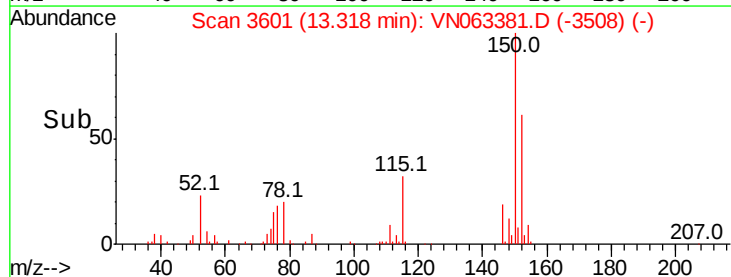
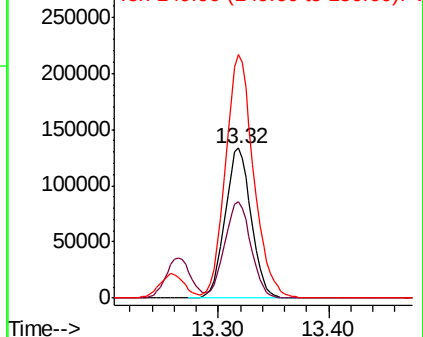


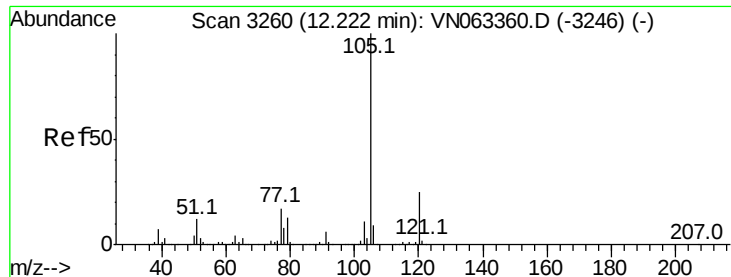
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion:152 Resp: 218065
Ion Ratio Lower Upper
152 100
115 65.1 32.2 96.6
150 175.3 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: 49.428 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

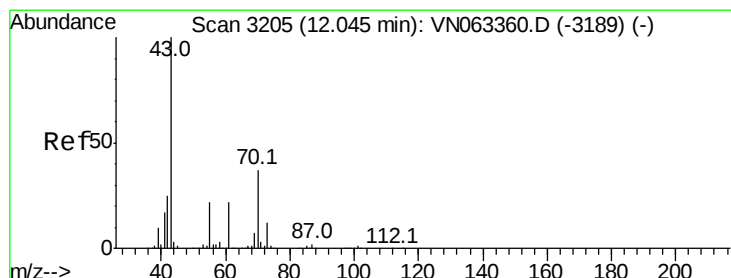
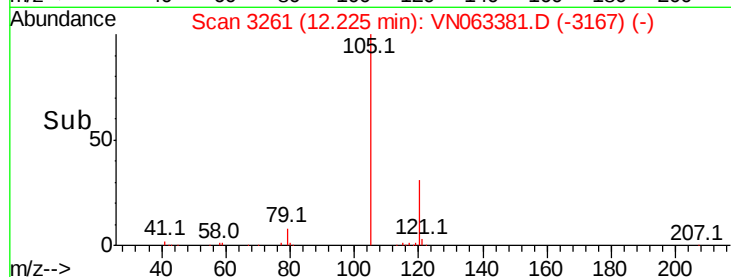
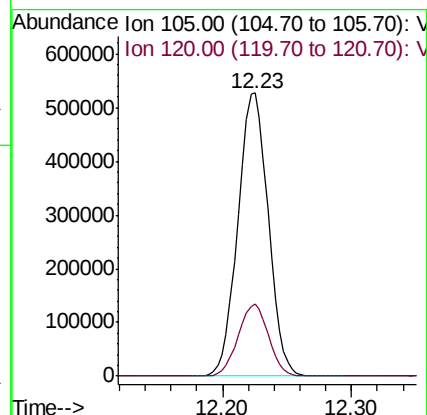
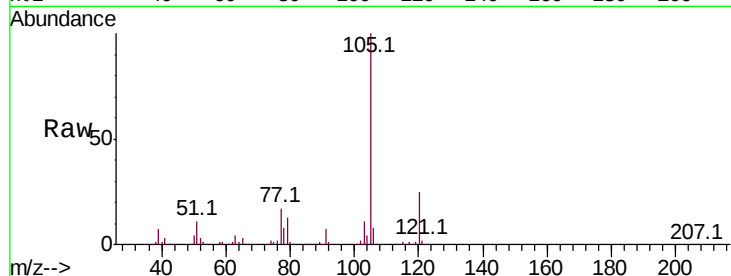
VSTDCCC050

Tot Ion:105 Resp: 863732

Ion Ratio Lower Upper

105 100

120 25.3 12.7 38.0



#74

N-ethyl acetate

Concen: 49.620 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Tgt Ion: 43 Resp: 410450

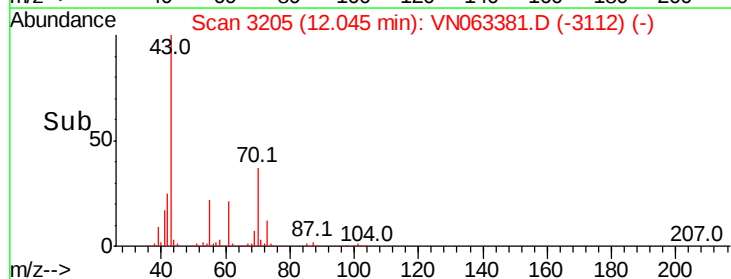
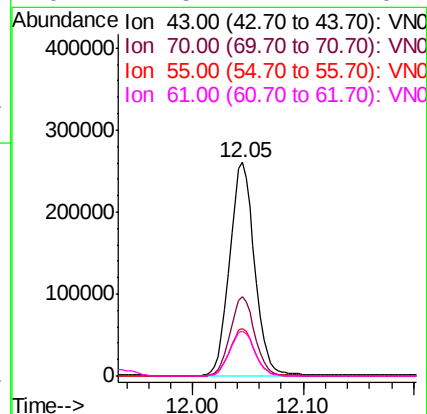
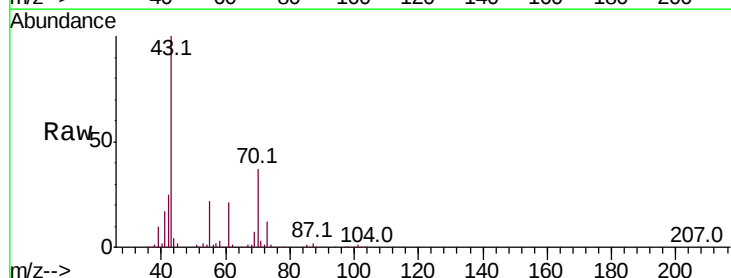
Ion Ratio Lower Upper

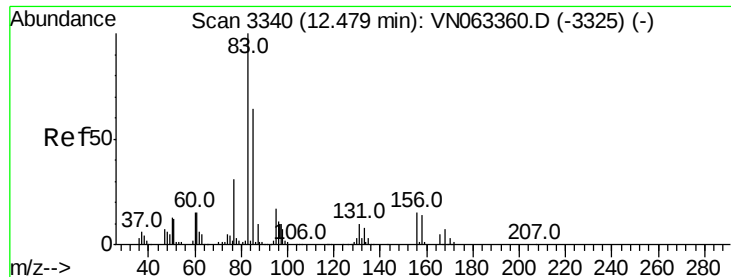
43 100

70 36.6 29.6 44.4

55 22.1 17.7 26.5

61 21.5 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.101 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

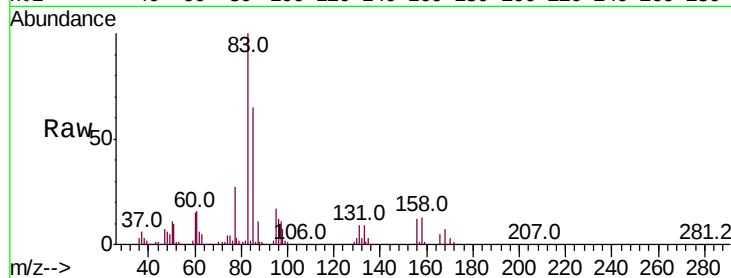
Tot Ion: 83 Resp: 260258

Ion Ratio Lower Upper

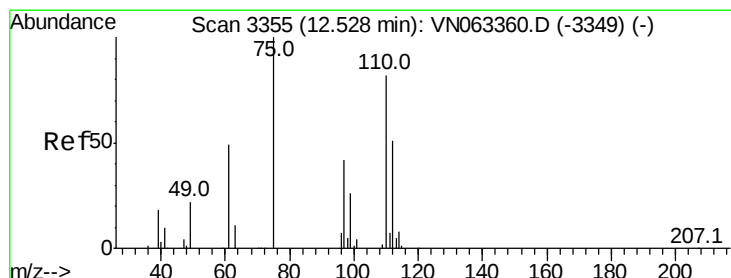
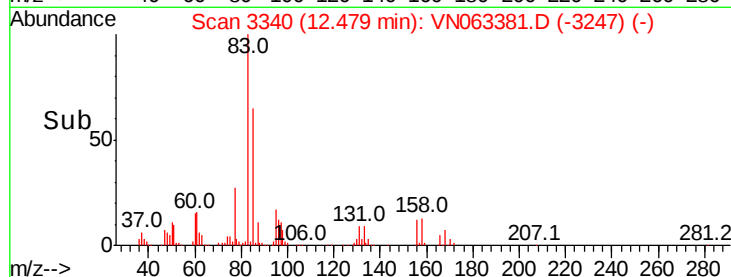
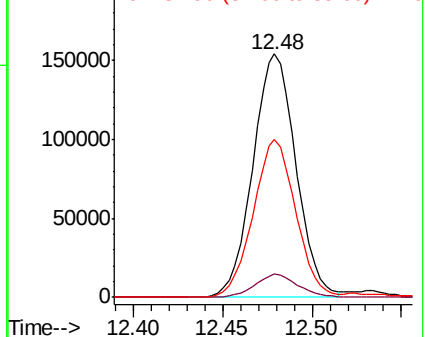
83 100

131 9.6 4.9 14.7

85 64.1 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: 65.581 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063381.D

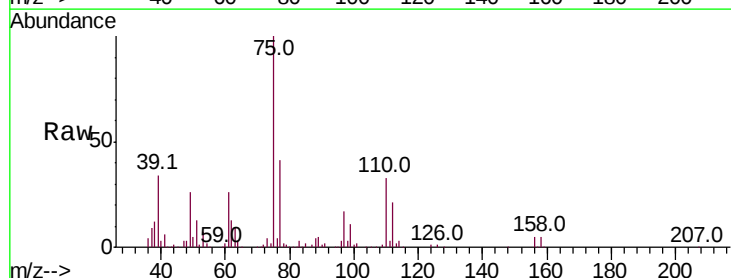
Acq: 16 Sep 2020 22:17

Tgt Ion: 75 Resp: 353967

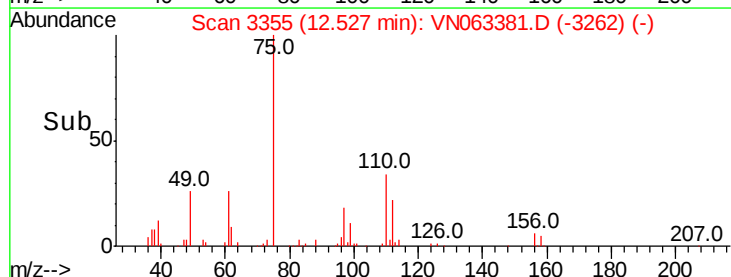
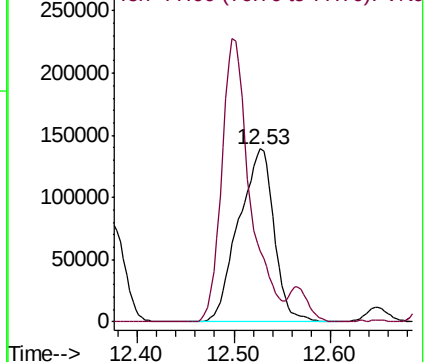
Ion Ratio Lower Upper

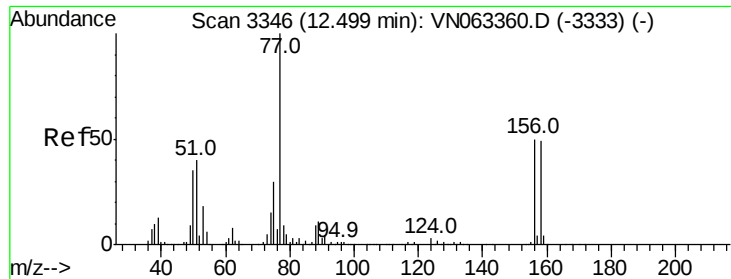
75 100

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

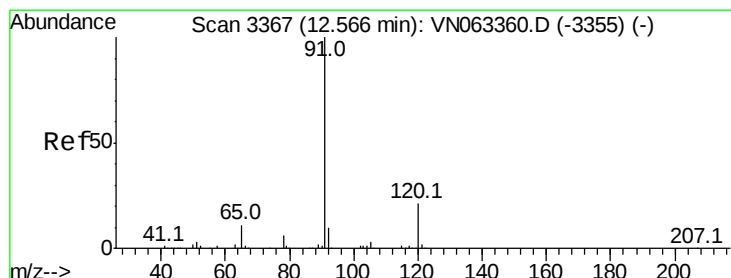
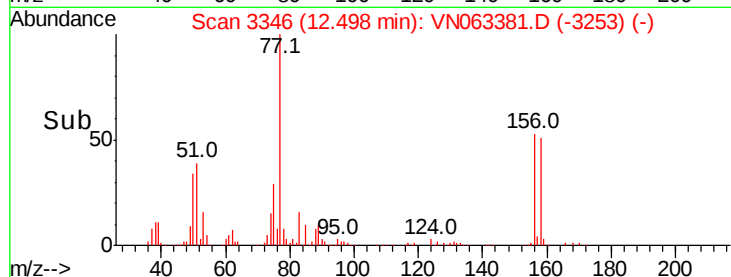
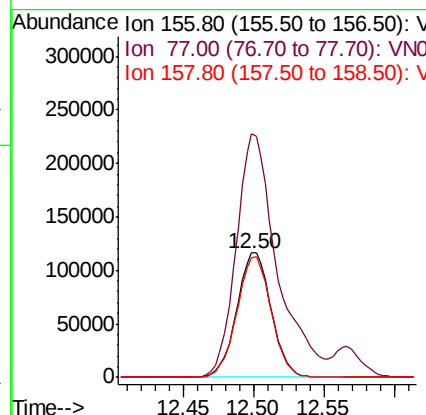
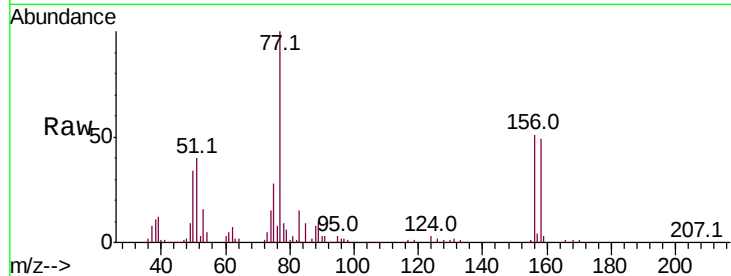




#77
Bromobenzene
Concen: 50.649 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

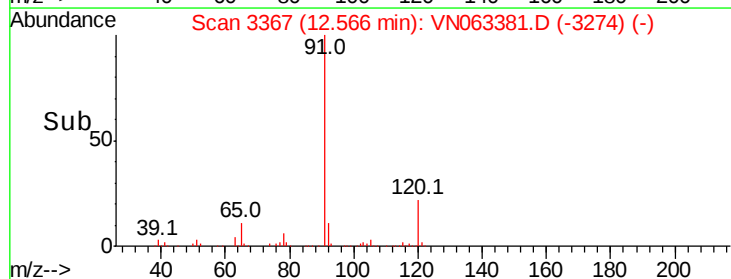
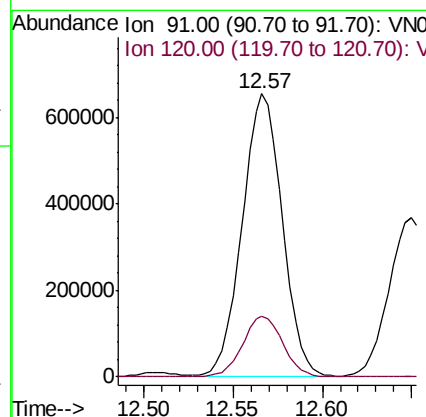
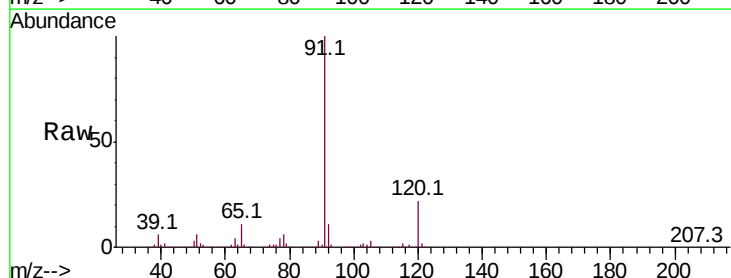
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

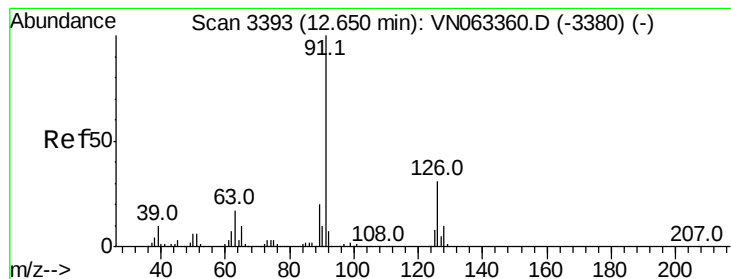
Tot Ion:156 Resp: 199089
Ion Ratio Lower Upper
156 100
77 232.1 120.2 360.6
158 96.4 48.9 146.6



#78
n-propylbenzene
Concen: 49.928 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063381.D
Acq: 16 Sep 2020 22:17

Tgt Ion: 91 Resp: 1016176
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





#79

2-Chlorotoluene

Concen: 49.652 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

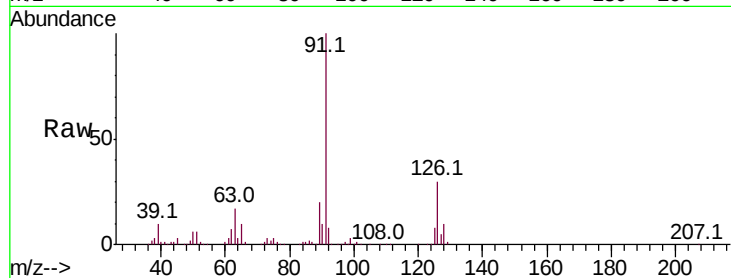
VSTDCCC050

Tot Ion: 91 Resp: 605774

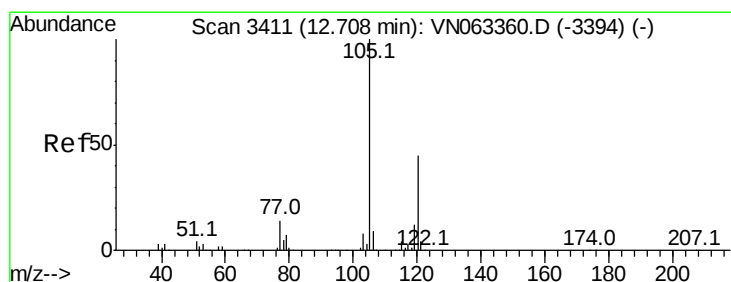
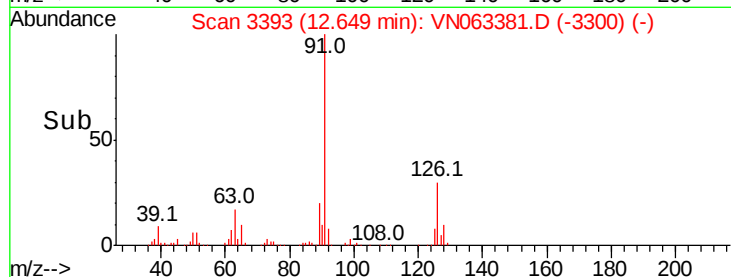
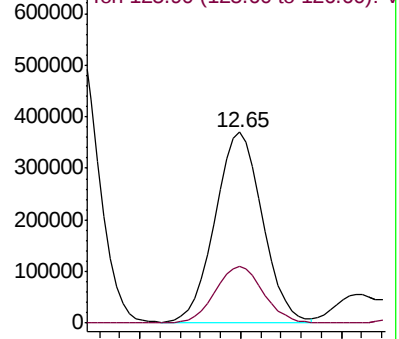
Ion Ratio Lower Upper

91 100

126 30.6 15.8 47.3



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



#80

1,3,5-Trimethylbenzene

Concen: 50.411 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063381.D

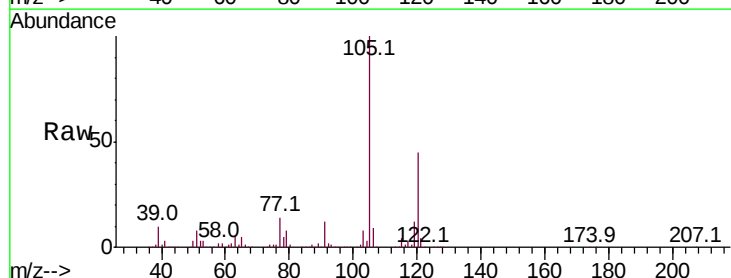
Acq: 16 Sep 2020 22:17

Tgt Ion:105 Resp: 734569

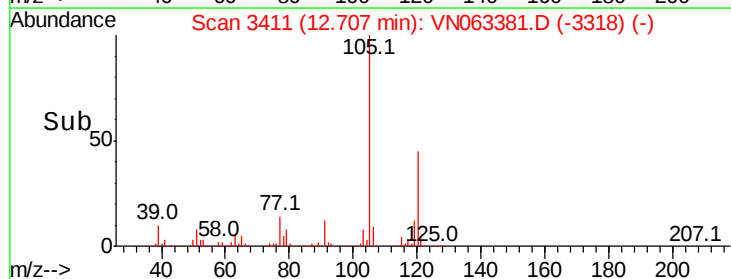
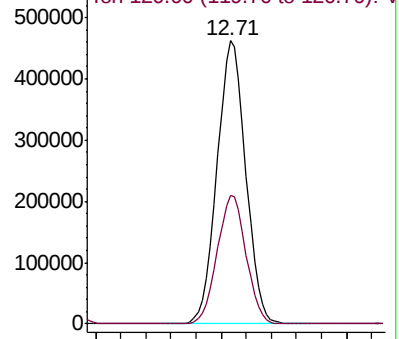
Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 45.979 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

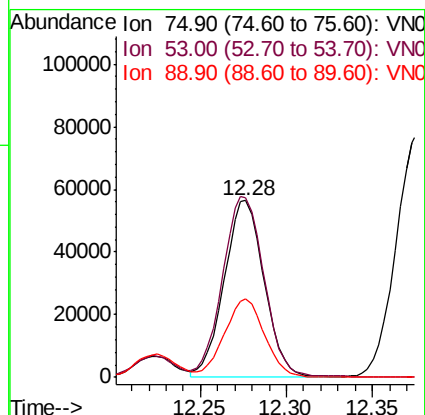
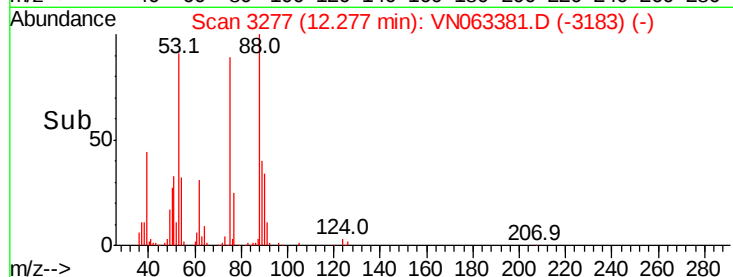
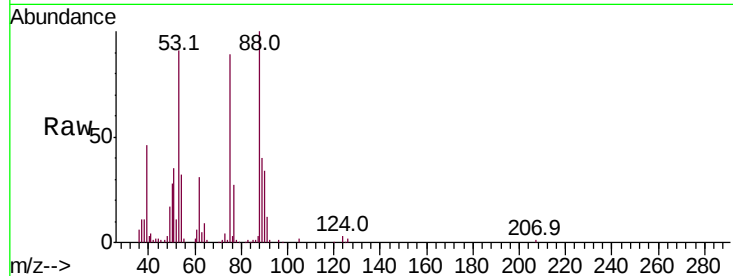
Tot Ion: 75 Resp: 90518

Ion Ratio Lower Upper

75 100

53 107.4 85.7 128.5

89 45.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 49.146 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063381.D

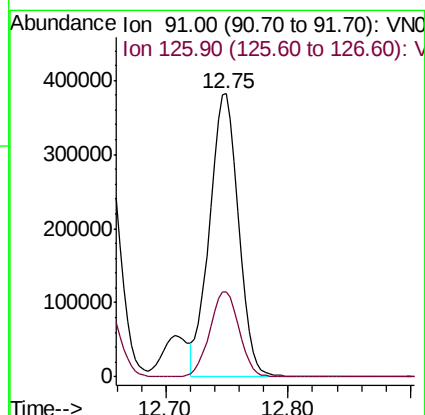
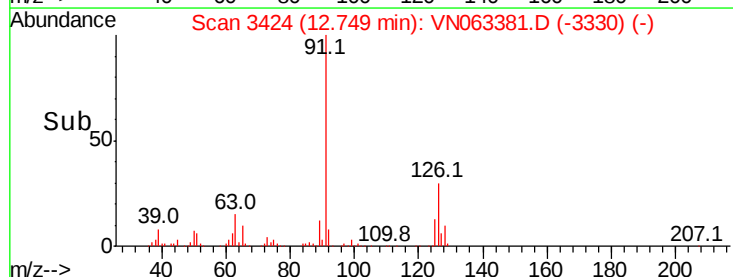
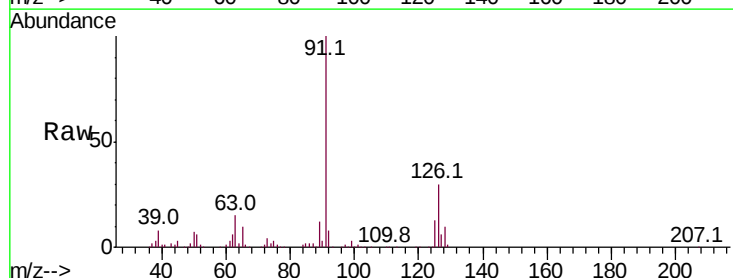
Acq: 16 Sep 2020 22:17

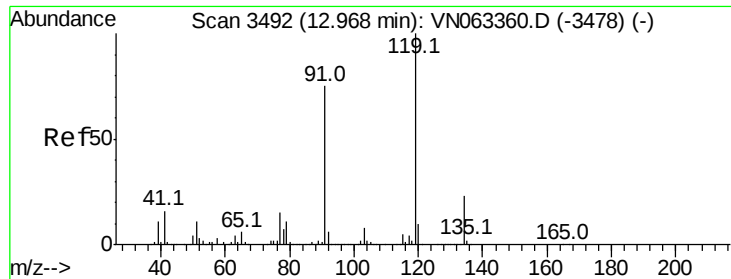
Tgt Ion: 91 Resp: 633535

Ion Ratio Lower Upper

91 100

126 30.5 15.5 46.5





#83

tert-Butylbenzene

Concen: 49.404 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

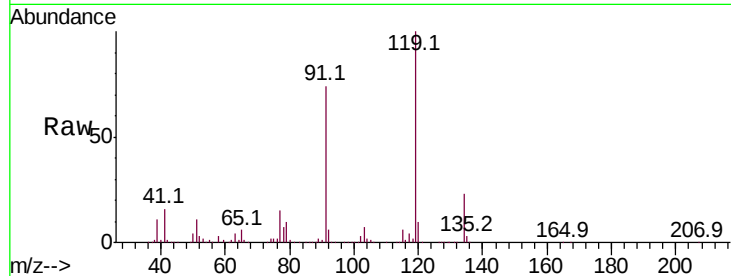
Tot Ion:119 Resp: 594149

Ion Ratio Lower Upper

119 100

91 73.2 36.3 108.9

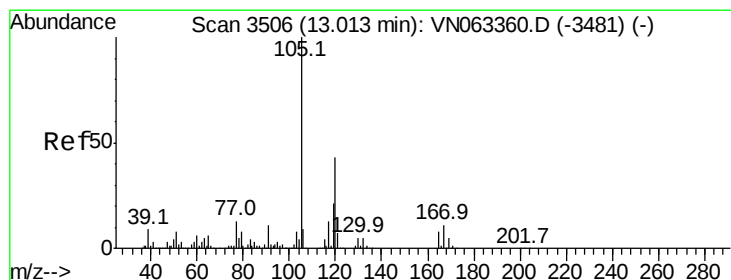
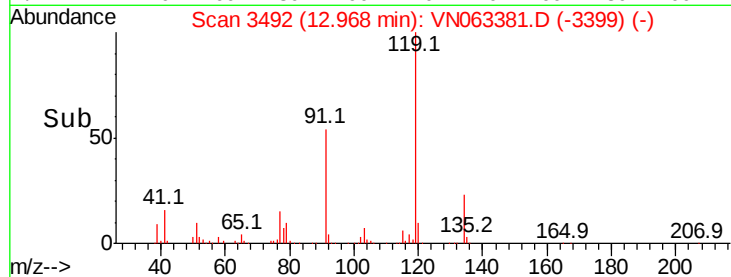
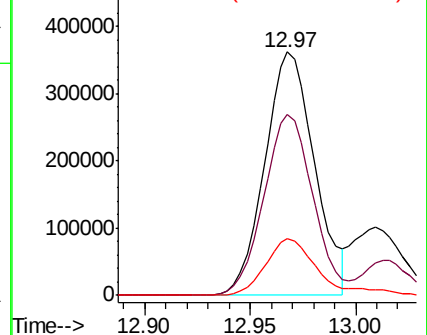
134 25.0 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.663 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063381.D

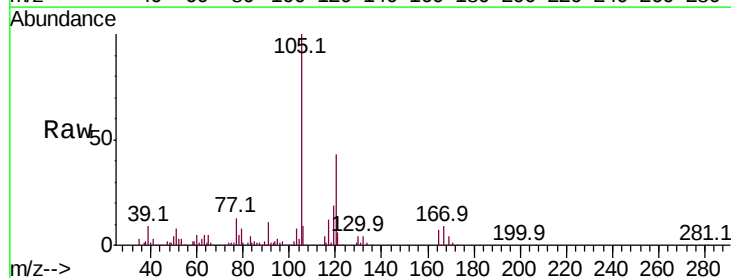
Acq: 16 Sep 2020 22:17

Tgt Ion:105 Resp: 730964

Ion Ratio Lower Upper

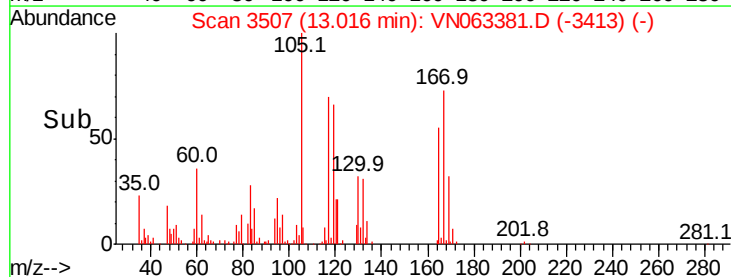
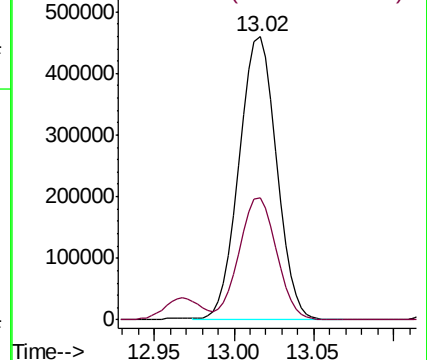
105 100

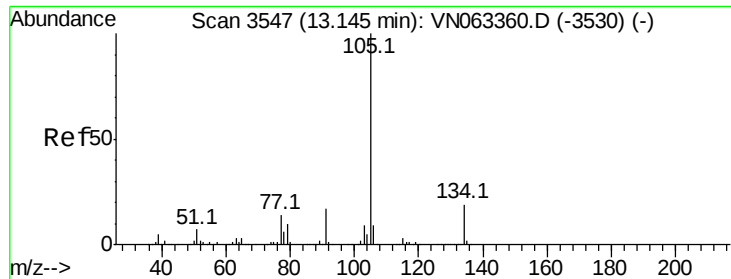
120 43.1 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

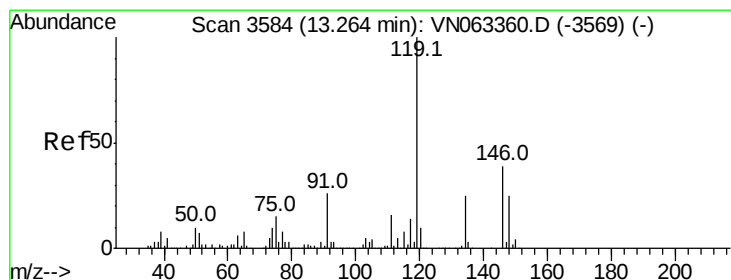
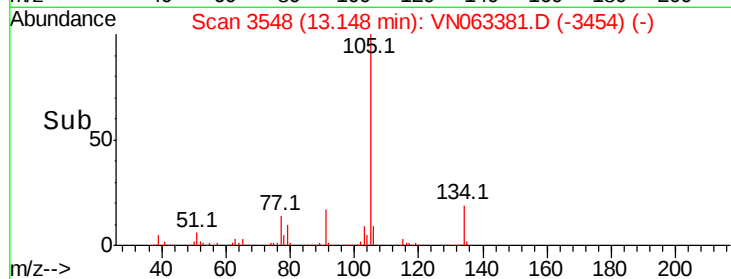
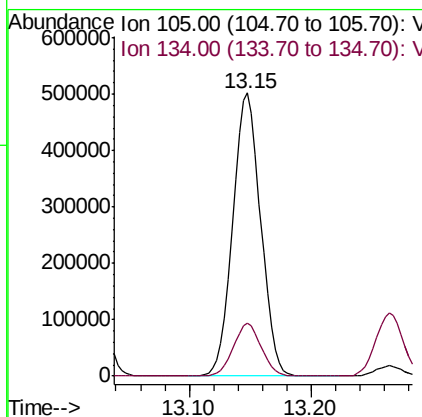
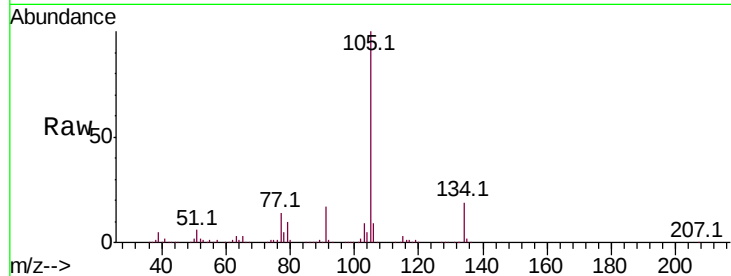




#85
 sec-Butylbenzene
 Concen: 49.325 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

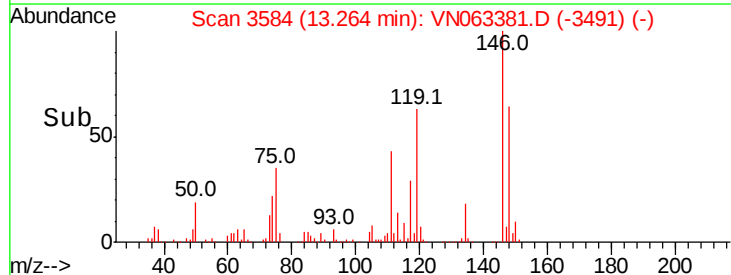
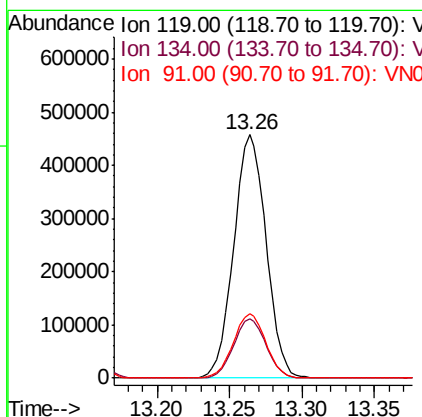
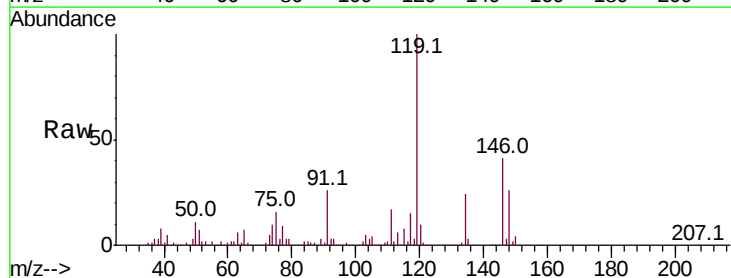
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

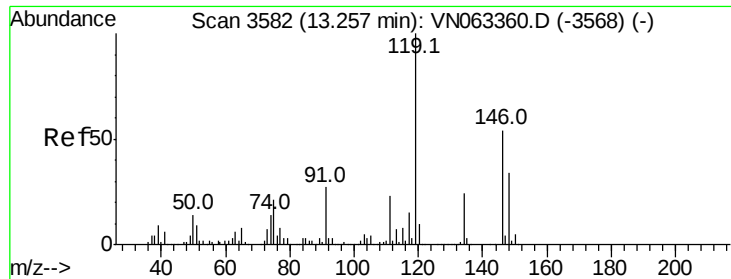
Tot Ion:105 Resp: 794043
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 49.739 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion:119 Resp: 706241
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.5 37.5
 91 26.7 13.4 40.1

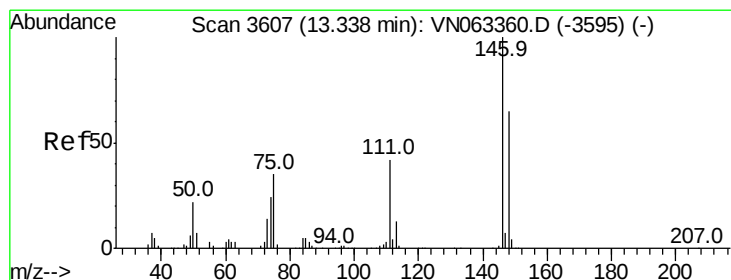
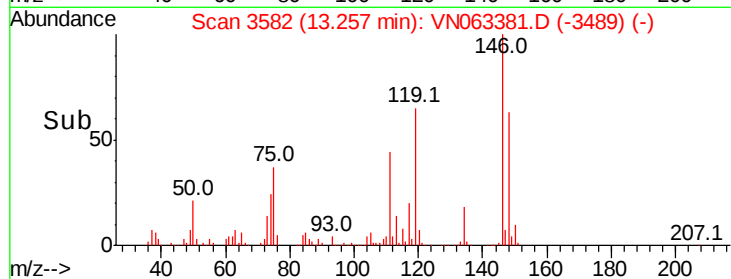
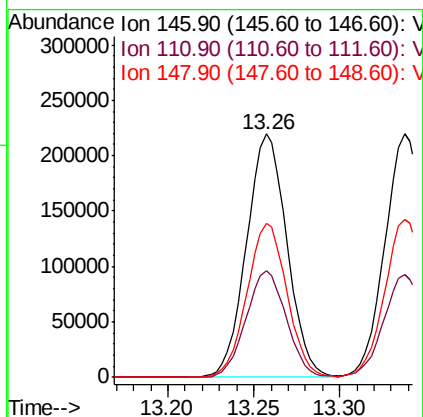
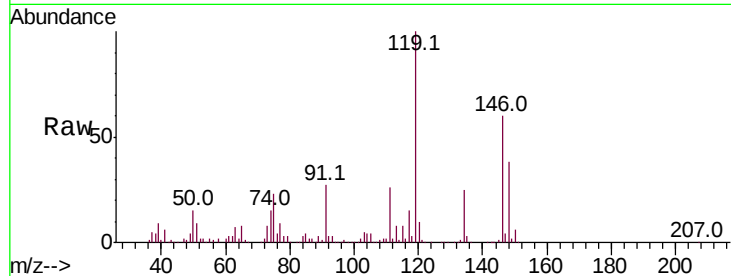




#87
 1,3-Dichlorobenzene
 Concen: 49.094 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

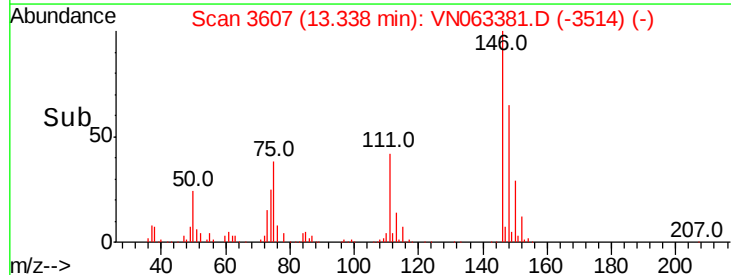
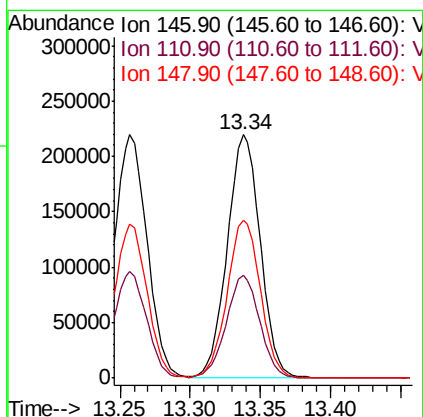
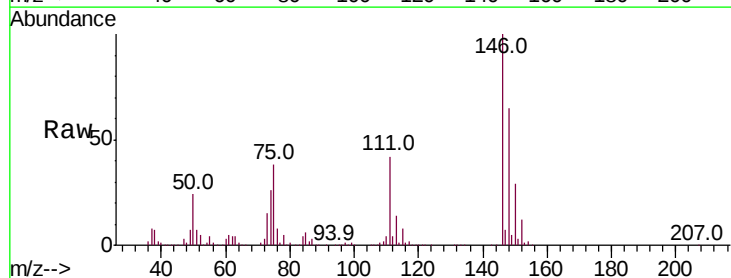
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

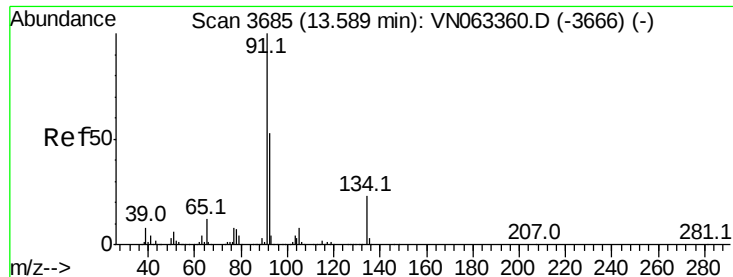
Tot Ion:146 Resp: 357674
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.4 64.3
 148 62.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.565 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion:146 Resp: 359733
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.2 63.6
 148 64.9 31.9 95.9





#89

n-Butylbenzene

Concen: 48.932 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

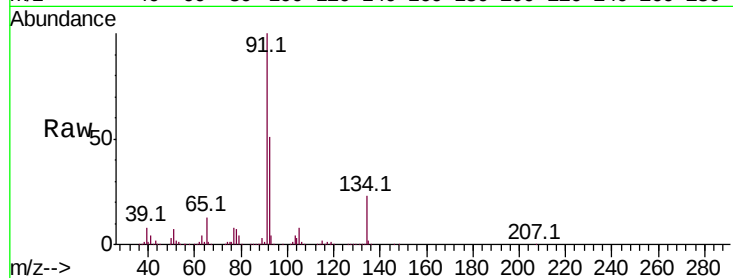
Tot Ion: 91 Resp: 640405

Ion Ratio Lower Upper

91 100

92 51.1 26.0 78.0

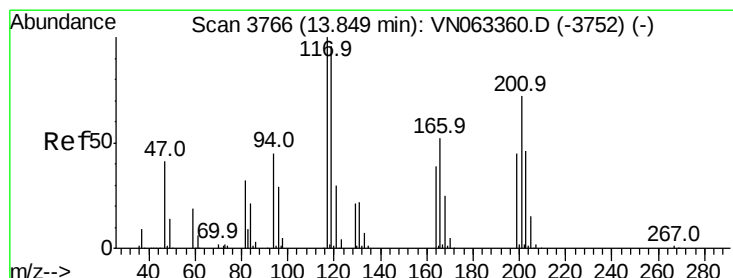
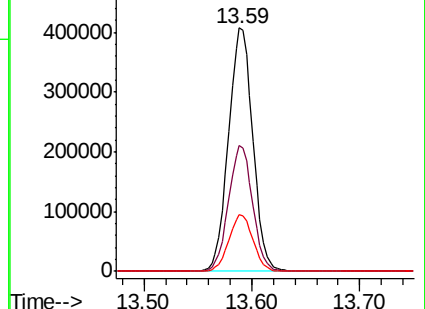
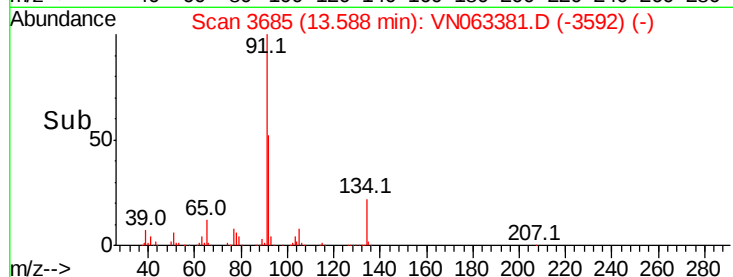
134 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063381.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063381.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063381.D (-3592) (-)



#90

Hexachloroethane

Concen: 48.695 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063381.D

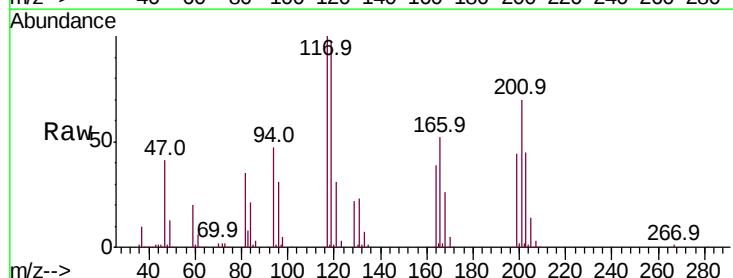
Acq: 16 Sep 2020 22:17

Tgt Ion: 117 Resp: 131655

Ion Ratio Lower Upper

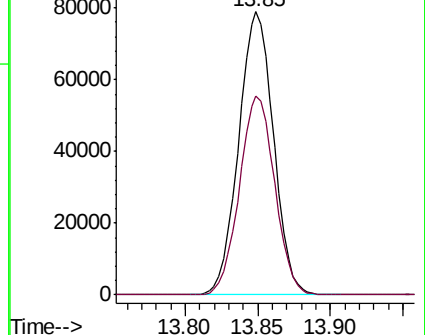
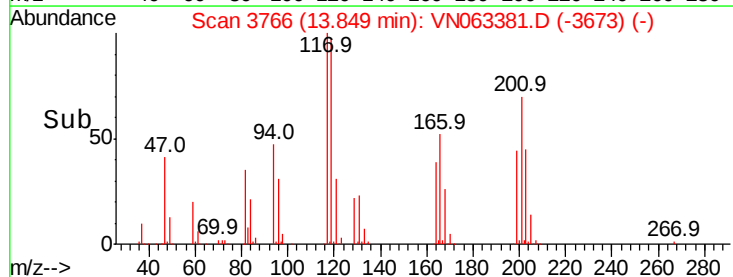
117 100

201 71.1 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063381.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063381.D (-3673) (-)

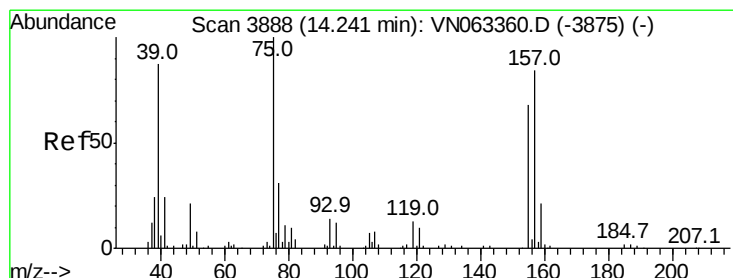
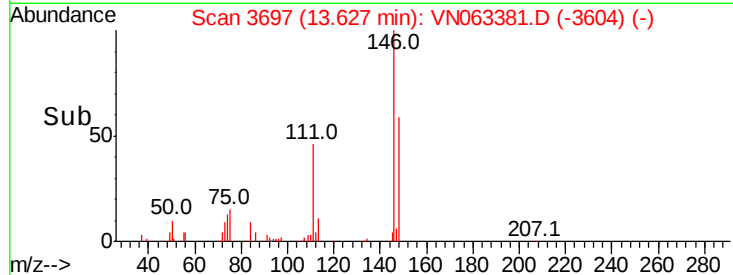
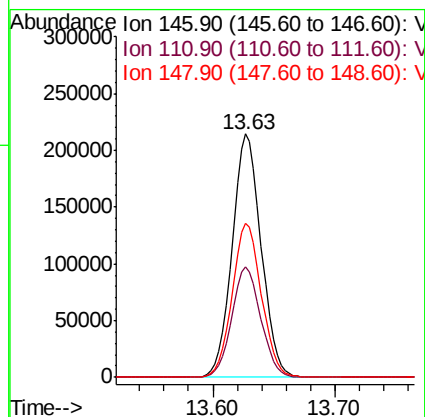
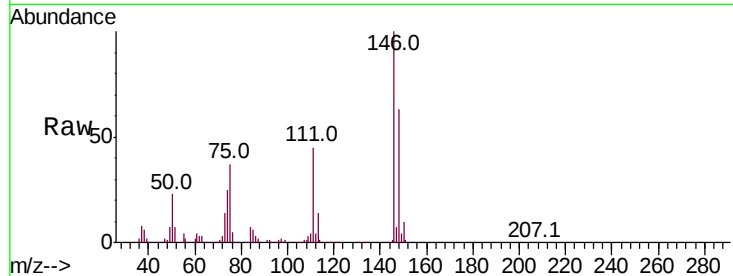




#91
 1,2-Dichlorobenzene
 Concen: 49.636 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

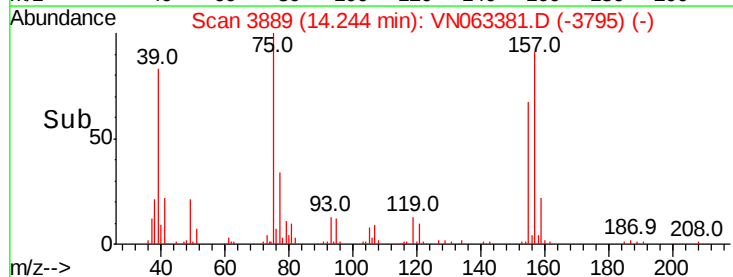
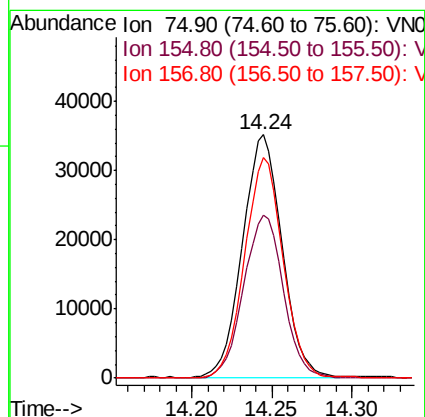
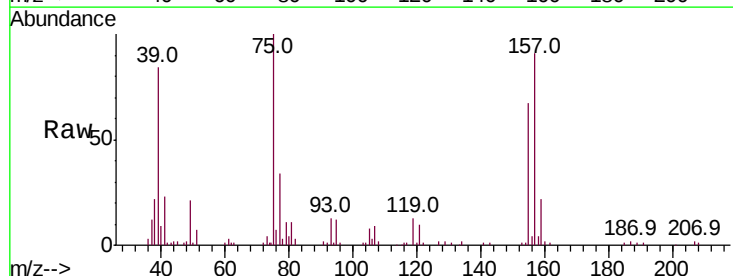
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

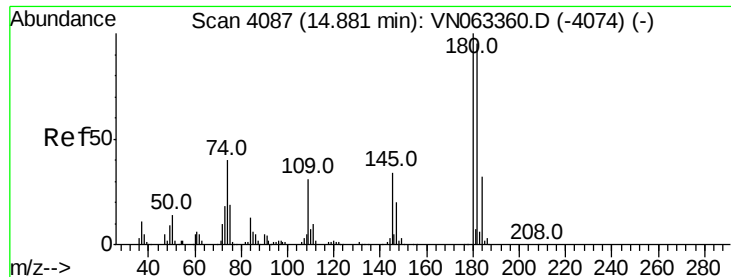
Tot Ion:146 Resp: 355039
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.4 67.2
 148 63.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.420 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion: 75 Resp: 59809
 Ion Ratio Lower Upper
 75 100
 155 66.7 34.6 103.9
 157 87.6 43.7 131.1

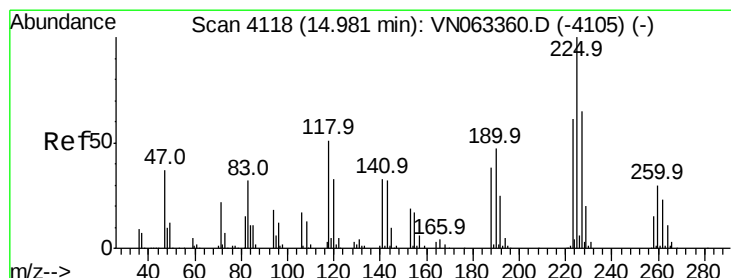
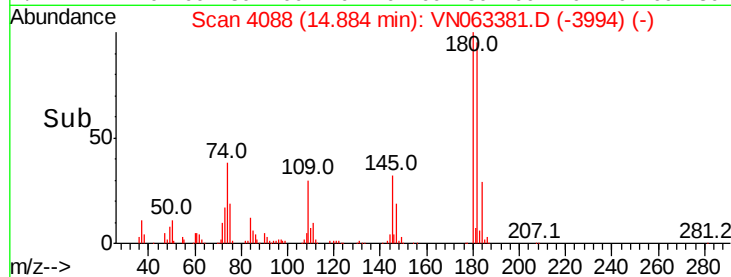
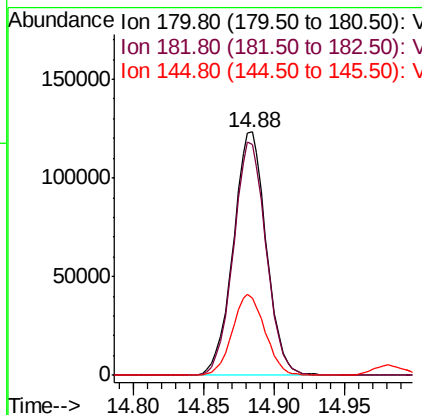
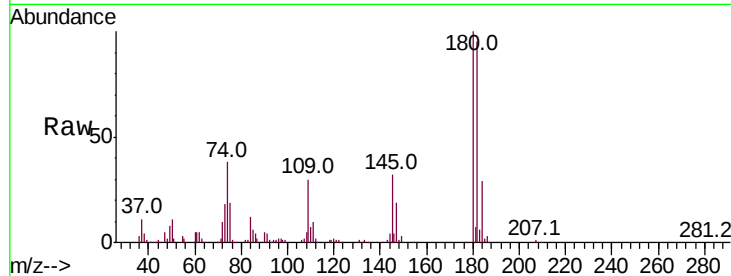




#93
 1,2,4-Trichlorobenzene
 Concen: 47.884 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

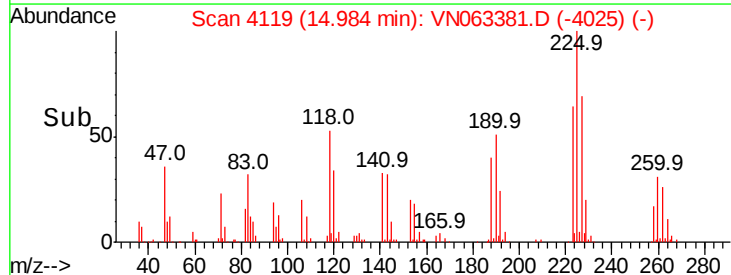
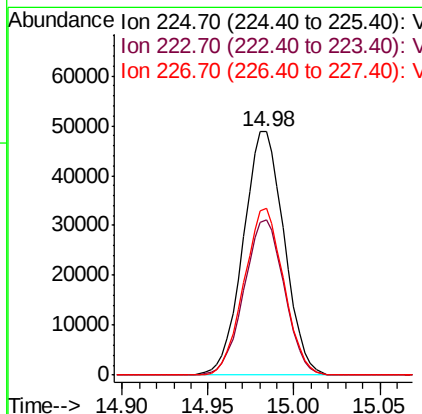
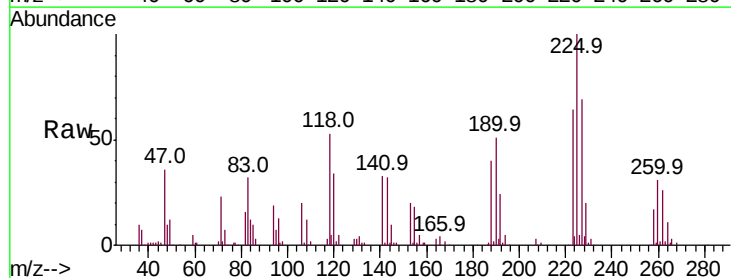
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

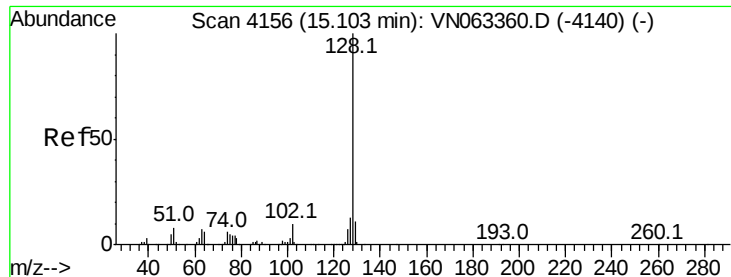
Tot Ion:180 Resp: 201918
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 142.0
 145 33.0 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 46.188 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063381.D
 Acq: 16 Sep 2020 22:17

Tgt Ion:225 Resp: 80631
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.6 91.6
 227 66.4 31.2 93.6





#95

Naphthalene

Concen: 47.377 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

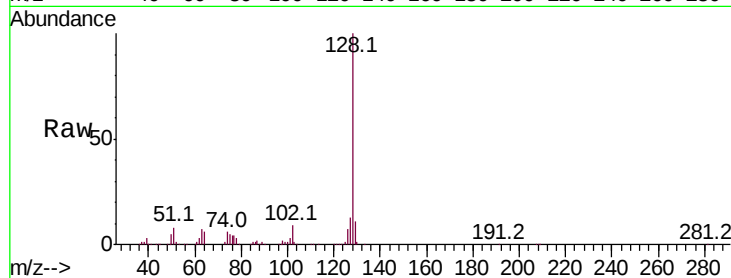
Tot Ion:128 Resp: 660034

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

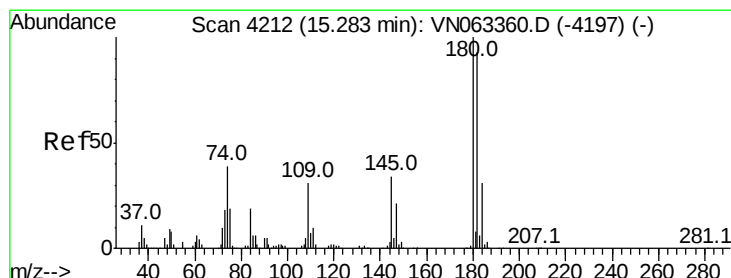
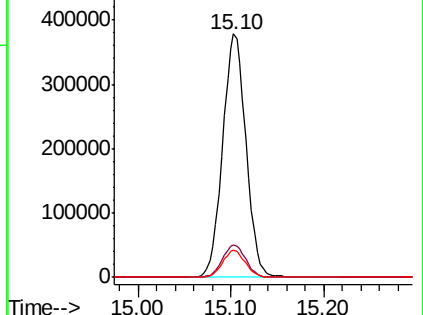
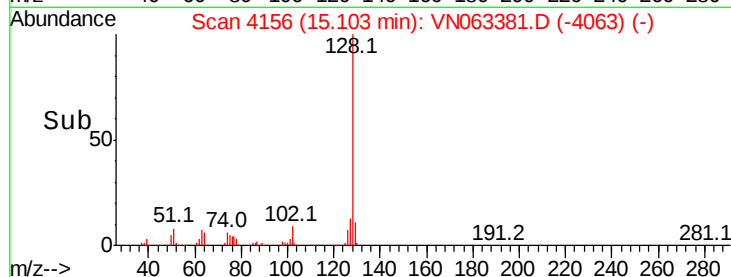
129 10.8 8.8 13.2



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: 46.302 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063381.D

Acq: 16 Sep 2020 22:17

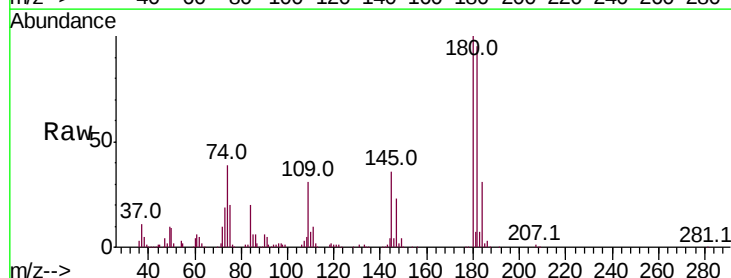
Tgt Ion:180 Resp: 188650

Ion Ratio Lower Upper

180 100

182 95.6 46.7 140.1

145 35.6 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

