

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063735.D
 Acq On : 29 Sep 2020 18:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 30 00:53:33 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	257264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	434388	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215628	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	7.55	113	148969	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.06	98	563471	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.38	95	220787	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	115587	39.658	ug/l	99
3) Chloromethane	2.04	50	138845	36.011	ug/l	100
4) Vinyl Chloride	2.16	62	140845	41.230	ug/l	98
5) Bromomethane	2.52	94	86189	42.494	ug/l	98
6) Chloroethane	2.67	64	92207	43.973	ug/l	97
7) Trichlorofluoromethane	2.98	101	241401	47.364	ug/l	100
8) Diethyl Ether	3.38	74	90373	45.486	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	134097	46.784	ug/l	99
10) Methyl Iodide	3.91	142	151440	40.582	ug/l	99
11) Tert butyl alcohol	4.73	59	134988	222.499	ug/l	100
12) 1,1-Dichloroethene	3.70	96	122919	42.339	ug/l	96
13) Acrolein	3.57	56	35558	158.155	ug/l	98
14) Allyl chloride	4.28	41	239726	41.745	ug/l	96
15) Acrylonitrile	4.93	53	358339	232.202	ug/l	99
16) Acetone	3.77	43	333689	237.090	ug/l	98
17) Carbon Disulfide	4.01	76	308053	36.479	ug/l	100
18) Methyl Acetate	4.28	43	186991	52.335	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	490221	45.306	ug/l	99
20) Methylene Chloride	4.50	84	153435	43.028	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	137664	42.799	ug/l	95
22) Diisopropyl ether	5.90	45	522466	44.610	ug/l	97
23) Vinyl Acetate	5.84	43	2181581	226.809	ug/l	99
24) 1,1-Dichloroethane	5.80	63	282147	44.126	ug/l	99
25) 2-Butanone	6.78	43	512084	236.571	ug/l	98
26) 2,2-Dichloropropane	6.78	77	235327	41.801	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	164907	45.296	ug/l	99
28) Bromochloromethane	7.15	49	135037	45.739	ug/l	94
29) Tetrahydrofuran	7.17	42	336518	227.626	ug/l	98
30) Chloroform	7.33	83	302844	47.207	ug/l	100
31) Cyclohexane	7.62	56	224684	37.148	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	266362	46.682	ug/l	98
36) 1,1-Dichloropropene	7.75	75	211404	45.681	ug/l	99
37) Ethyl Acetate	6.88	43	219176	48.256	ug/l	99
38) Carbon Tetrachloride	7.74	117	229603	48.603	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	208788	41.569	ug/l	98
40) Benzene	8.00	78	613292	46.424	ug/l	99
41) Methacrylonitrile	7.12	41	77523	37.949	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	259863	48.914	ug/l	99
43) Isopropyl Acetate	8.13	43	377621	46.496	ug/l #	90
44) Trichloroethene	8.80	130	155047	48.389	ug/l	96
45) 1,2-Dichloropropane	9.08	63	172156	47.848	ug/l	97
46) Dibromomethane	9.18	93	115637	48.899	ug/l	96
47) Bromodichloromethane	9.37	83	242779	49.417	ug/l	99
48) Methyl methacrylate	9.17	41	193344	48.455	ug/l	98
49) 1,4-Dioxane	9.17	88	54262	947.623	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1152520	253.484	ug/l	100
52) Toluene	10.13	92	393429	49.533	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	265421	48.394	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	272178	47.047	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	156766	49.690	ug/l	96
56) Ethyl methacrylate	10.40	69	243445	49.429	ug/l	98
57) 1,3-Dichloropropane	10.68	76	276410	48.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	618875	239.538	ug/l	96
59) 2-Hexanone	10.72	43	848990	257.741	ug/l	100
60) Dibromochloromethane	10.87	129	186245	52.255	ug/l	98
61) 1,2-Dibromoethane	10.98	107	167662	51.153	ug/l	99
64) Tetrachloroethene	10.60	164	144164	53.000	ug/l	98
65) Chlorobenzene	11.41	112	414945	48.935	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	163468	52.591	ug/l	99
67) Ethyl Benzene	11.49	91	777881	48.713	ug/l	100
68) m/p-Xylenes	11.59	106	566455	98.386	ug/l	99
69) o-Xylene	11.92	106	278516	50.782	ug/l	99
70) Styrene	11.94	104	476815	51.842	ug/l	99
71) Bromoform	12.10	173	125992	54.411	ug/l #	98
73) Isopropylbenzene	12.23	105	749531	46.356	ug/l	100
74) N-amyl acetate	12.05	43	347680	45.425	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	234515	46.843	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	326266	65.329	ug/l #	100
77) Bromobenzene	12.50	156	181176	49.813	ug/l	92
78) n-propylbenzene	12.57	91	865891	45.979	ug/l	98
79) 2-Chlorotoluene	12.65	91	528767	46.839	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	640113	47.476	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	79443	43.611	ug/l	97
82) 4-Chlorotoluene	12.75	91	549976	46.109	ug/l	100
83) tert-Butylbenzene	12.97	119	519755	46.707	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	641785	47.125	ug/l	99
85) sec-Butylbenzene	13.15	105	689300	46.276	ug/l	99
86) p-Isopropyltoluene	13.26	119	619713	47.169	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	331132	49.120	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	329381	48.058	ug/l	99
89) n-Butylbenzene	13.59	91	544124	44.932	ug/l	99
90) Hexachloroethane	13.85	117	115116	46.015	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	327565	49.493	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55913	46.900	ug/l	98

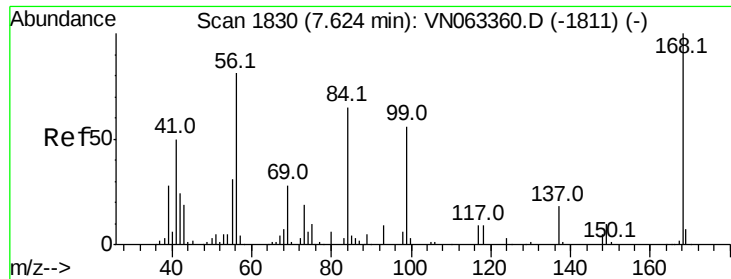
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	174567	44.740	ug/l	98
94) Hexachlorobutadiene	14.98	225	86470	53.532	ug/l	97
95) Naphthalene	15.10	128	546967	42.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	167875	44.529	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

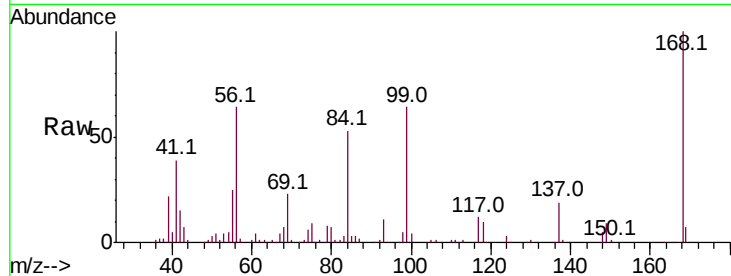
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:168 Resp: 257264

Ion Ratio Lower Upper

168 100

99 63.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

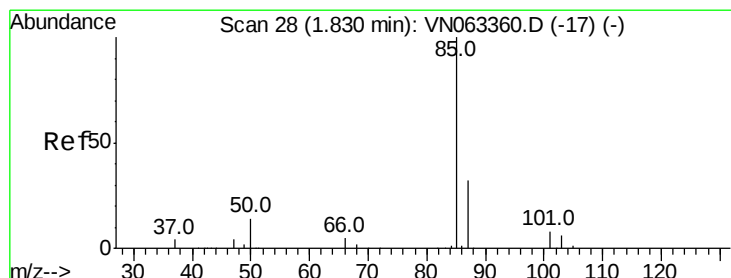
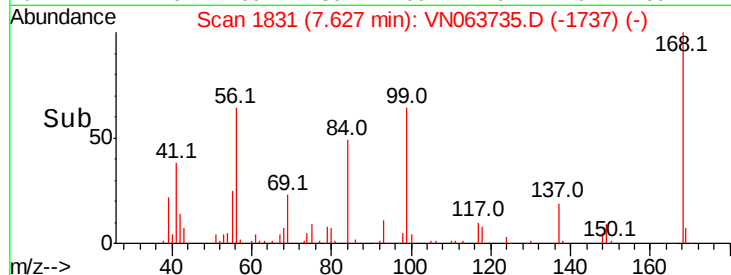
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 39.658 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063735.D

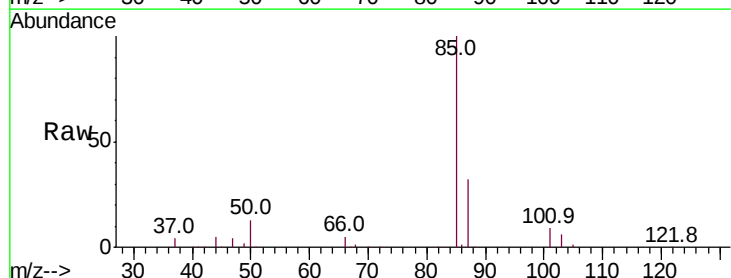
Acq: 29 Sep 2020 18:39

Tgt Ion: 85 Resp: 115587

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

100000

80000

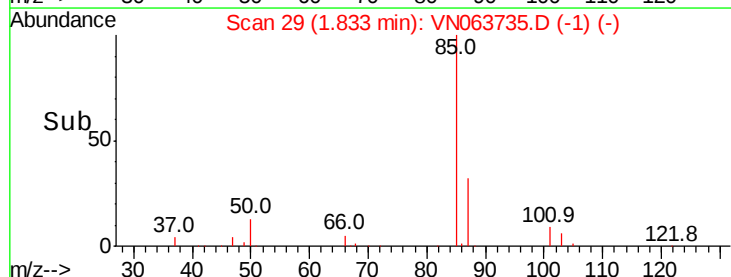
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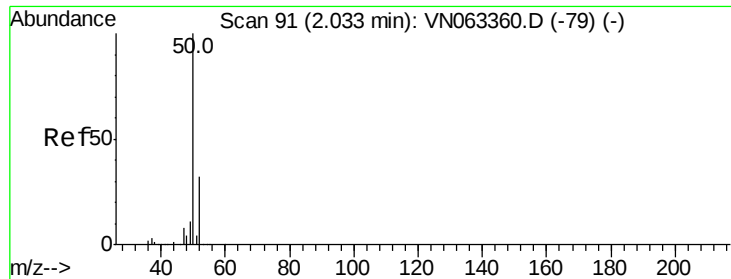
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 36.011 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

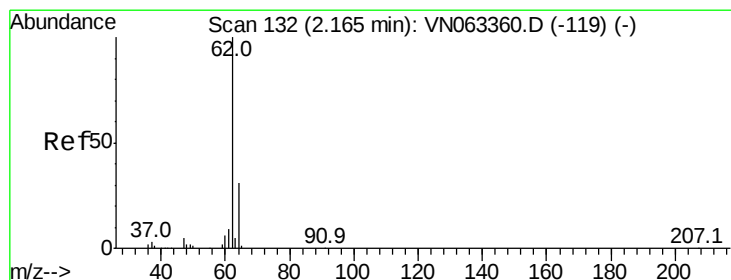
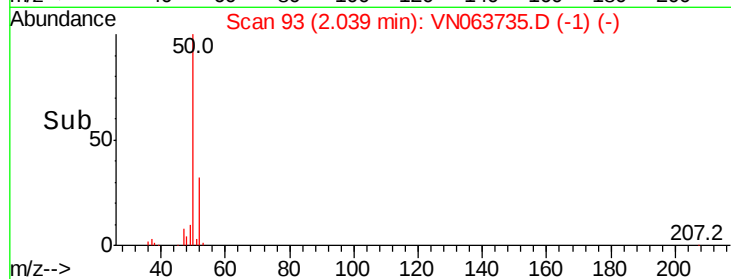
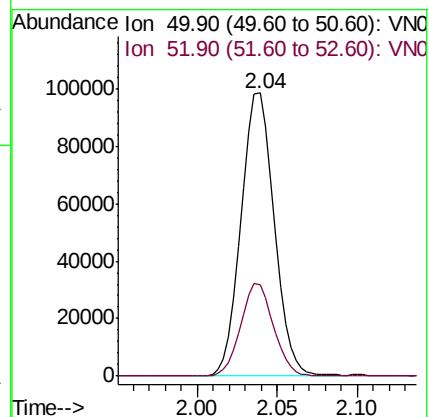
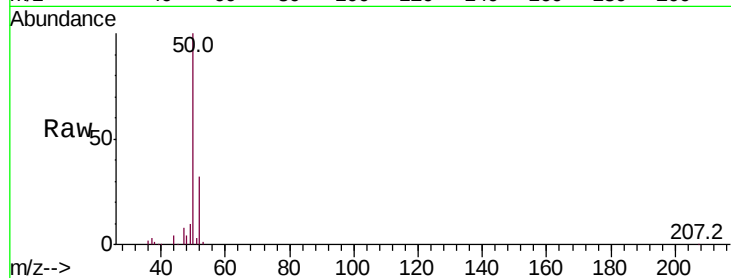
VSTDCCC050EC

Tot Ion: 50 Resp: 138845

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



#4

Vinyl Chloride

Concen: 41.230 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063735.D

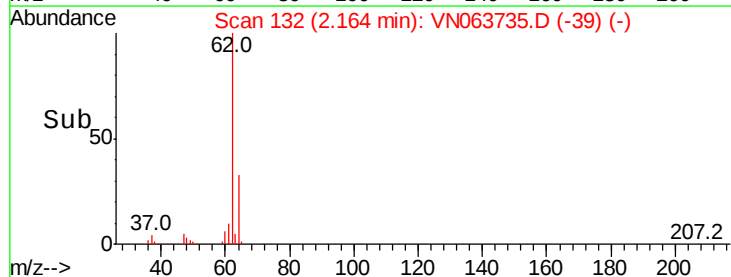
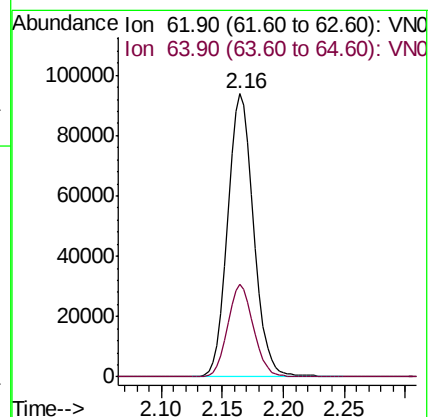
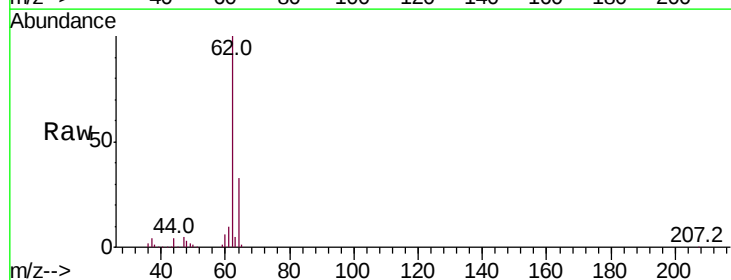
Acq: 29 Sep 2020 18:39

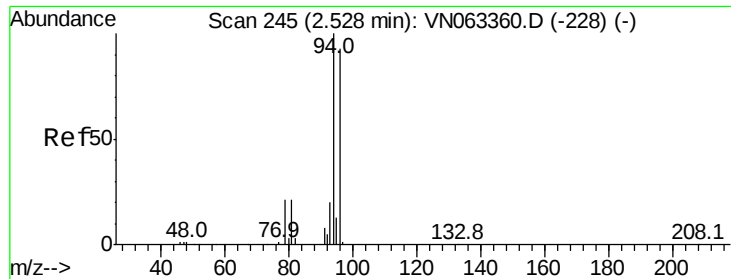
Tgt Ion: 62 Resp: 140845

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 42.494 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

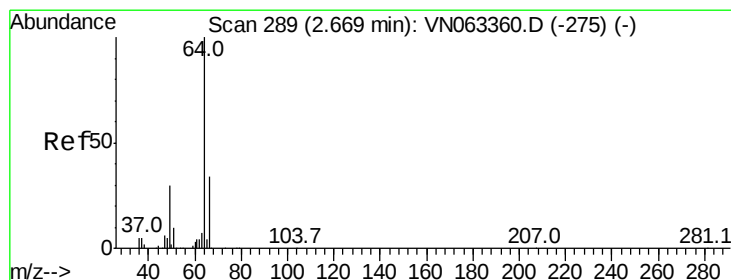
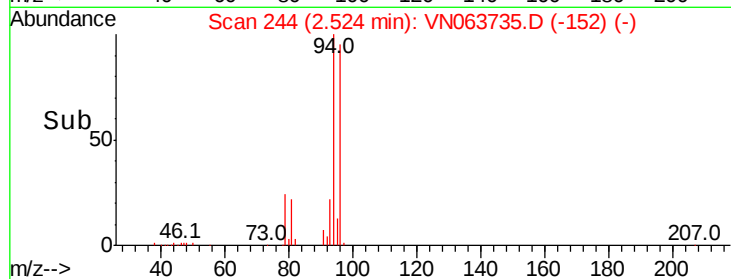
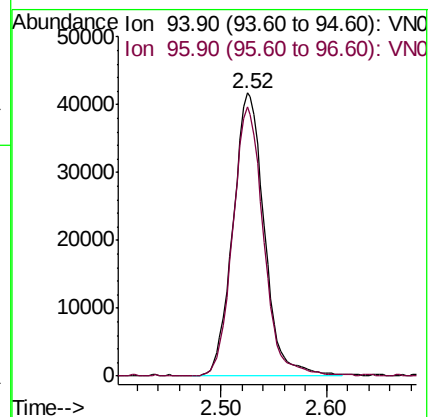
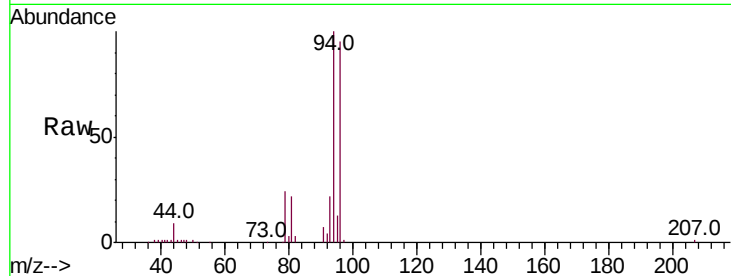
VSTDCCC050EC

Tot Ion: 94 Resp: 86189

Ion Ratio Lower Upper

94 100

96 95.1 74.5 111.7



#6

Chloroethane

Concen: 43.973 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063735.D

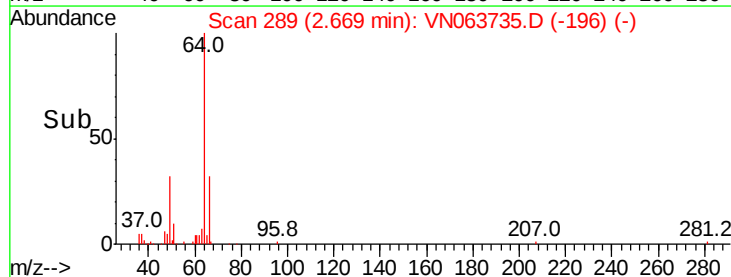
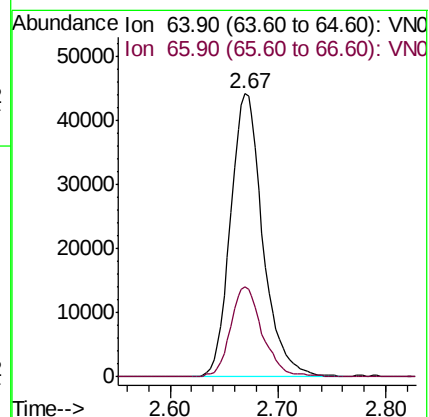
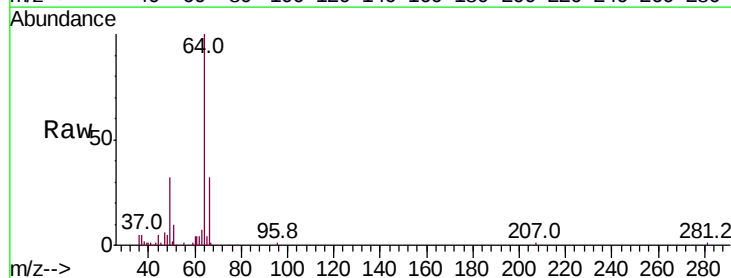
Acq: 29 Sep 2020 18:39

Tgt Ion: 64 Resp: 92207

Ion Ratio Lower Upper

64 100

66 31.6 26.9 40.3



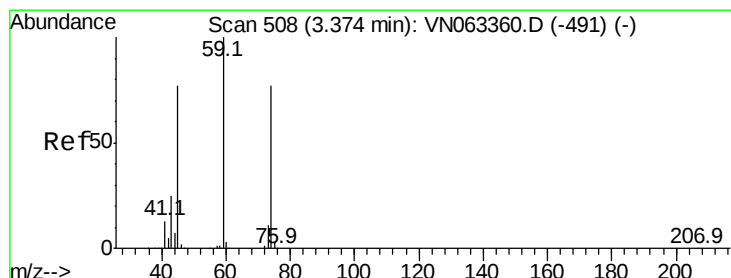
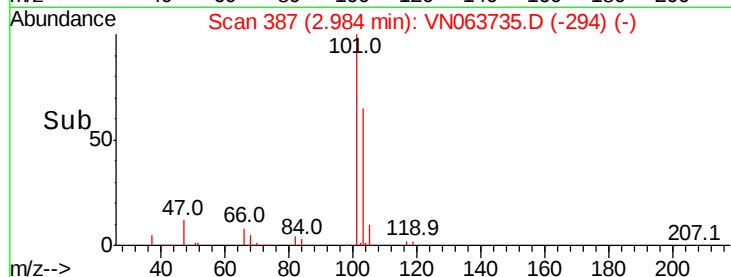
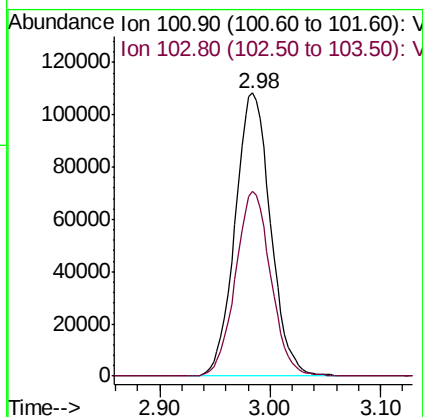
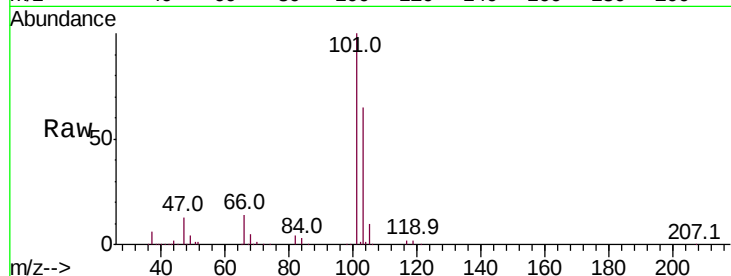


#7

Trichlorofluoromethane
Concen: 47.364 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
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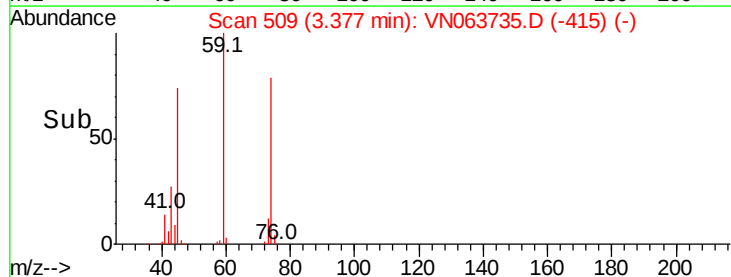
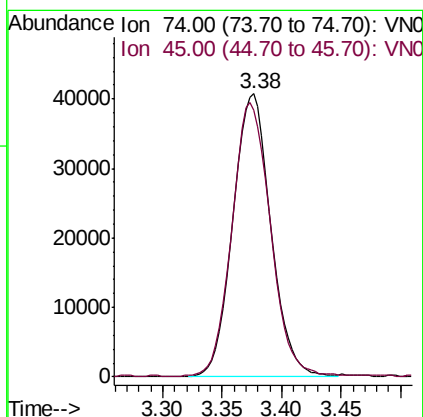
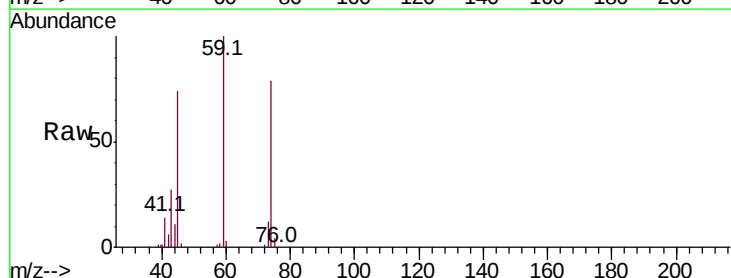
Tot Ion:101 Resp: 241401
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

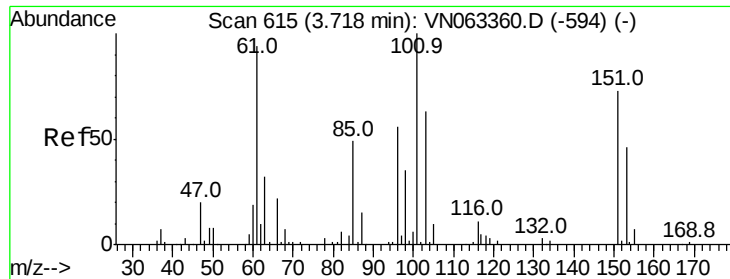


#8

Diethyl Ether
Concen: 45.486 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 74 Resp: 90373
Ion Ratio Lower Upper
74 100
45 98.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.784 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

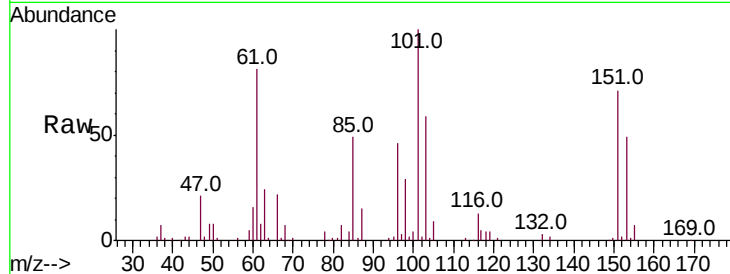
Tot Ion:101 Resp: 134097

Ion Ratio Lower Upper

101 100

85 48.1 37.7 56.5

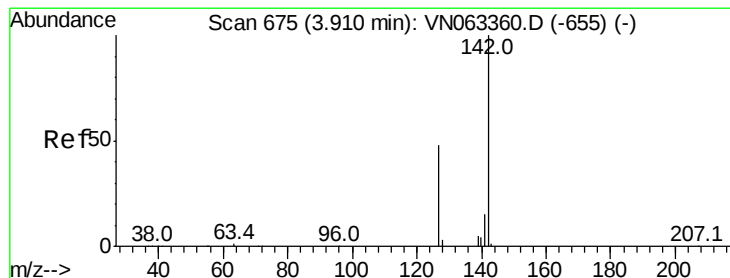
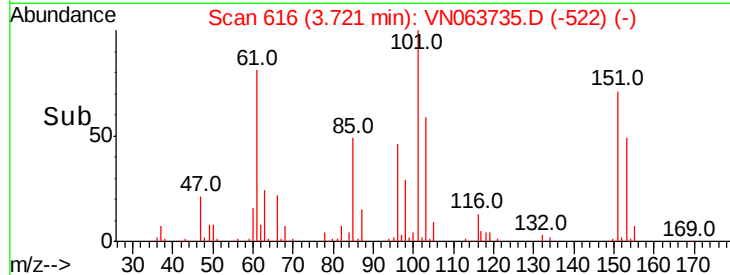
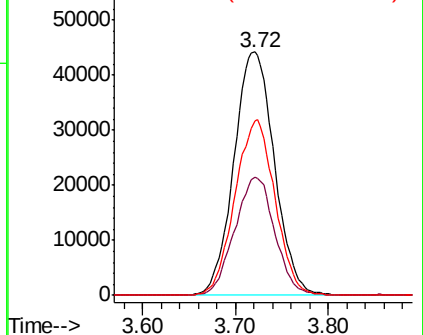
151 71.2 57.7 86.5



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: 40.582 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

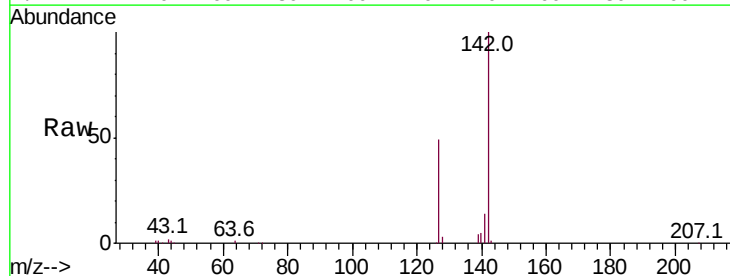
Tgt Ion:142 Resp: 151440

Ion Ratio Lower Upper

142 100

127 49.3 39.0 58.6

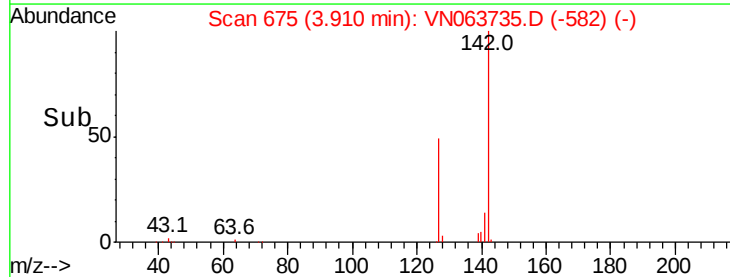
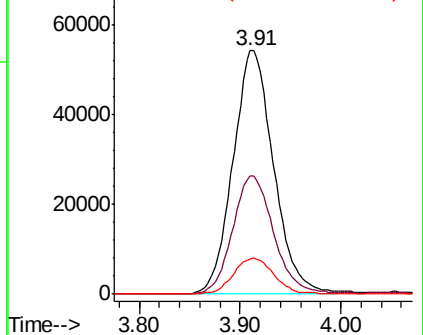
141 14.8 11.6 17.4

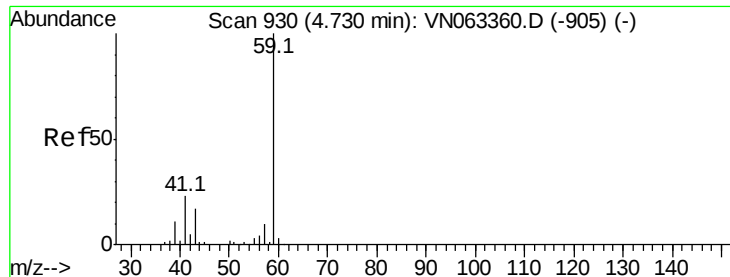


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

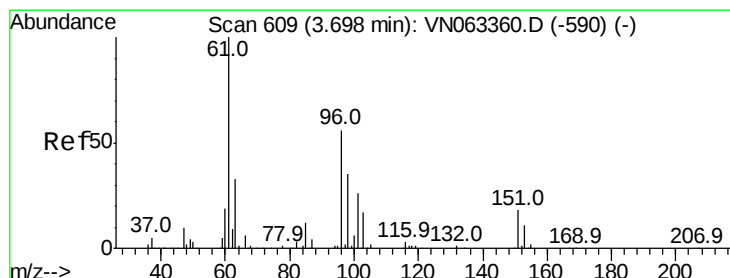
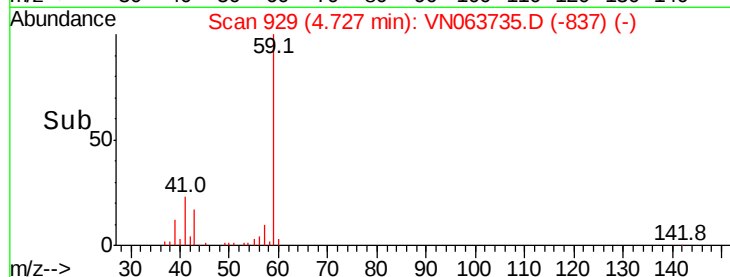
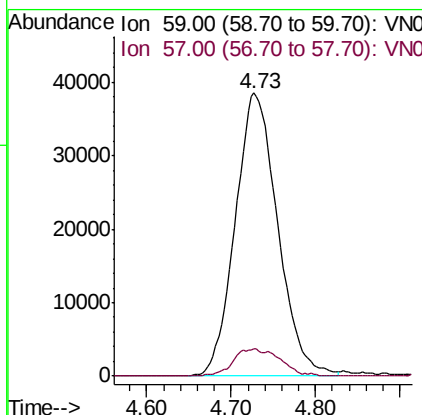
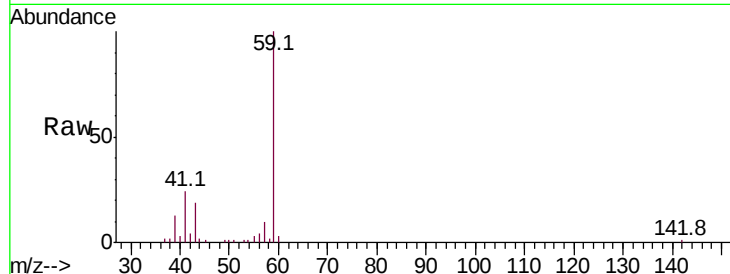




#11
Tert butyl alcohol
Concen: 222.499 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

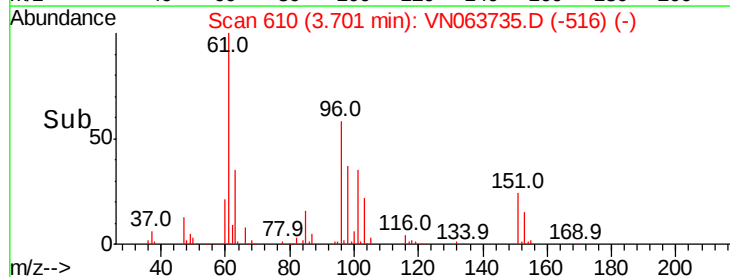
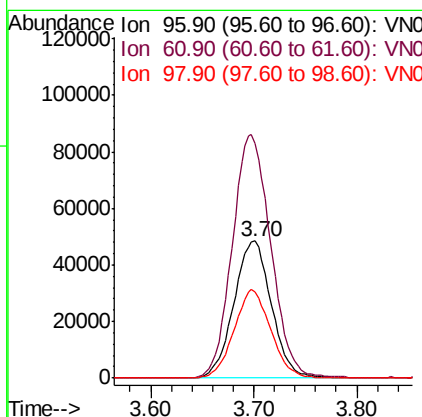
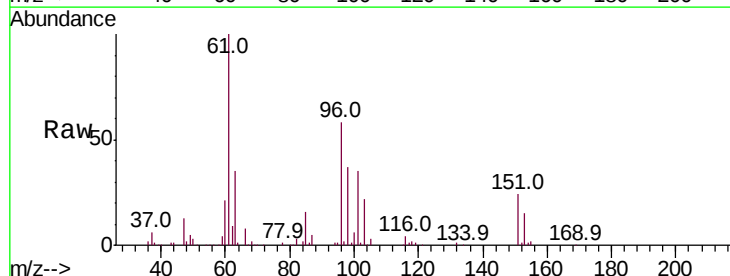
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

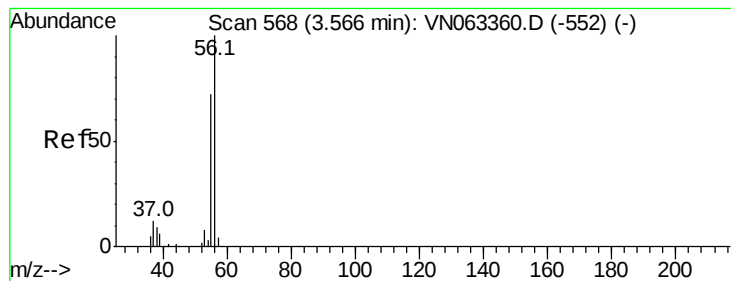
Tot Ion: 59 Resp: 134988
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 42.339 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 96 Resp: 122919
Ion Ratio Lower Upper
96 100
61 171.4 143.4 215.2
98 62.9 50.6 76.0





#13

Acrolein

Concen: 158.155 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

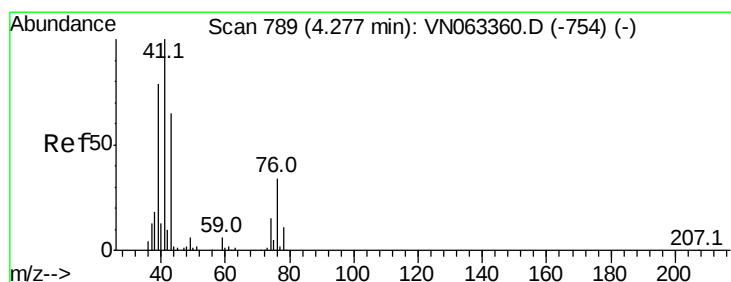
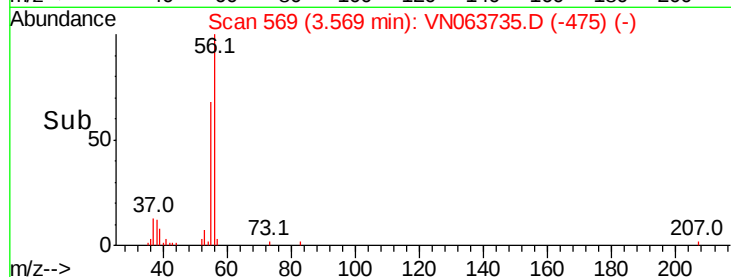
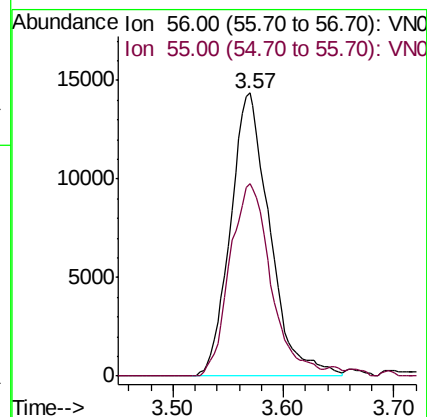
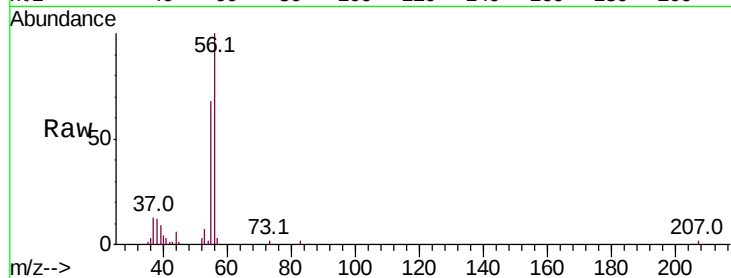
VSTDCCC050EC

Tot Ion: 56 Resp: 35558

Ion Ratio Lower Upper

56 100

55 70.9 58.2 87.2



#14

Allyl chloride

Concen: 41.745 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

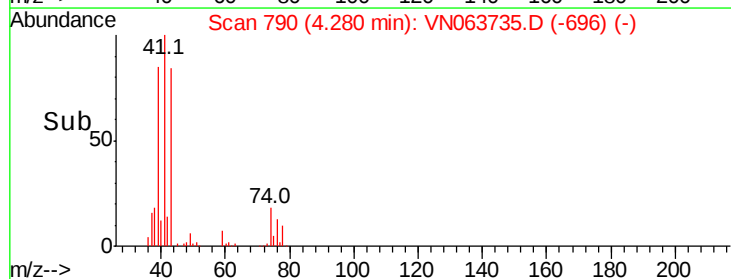
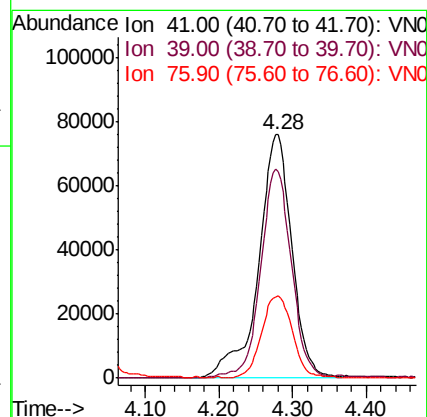
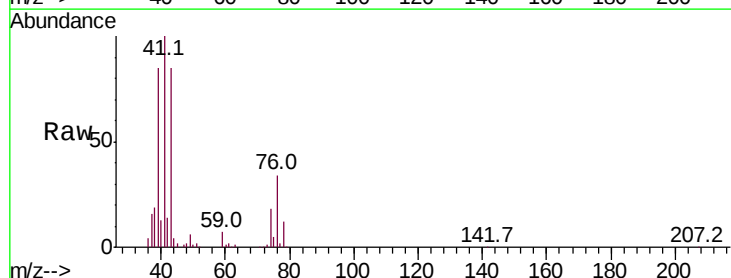
Tgt Ion: 41 Resp: 239726

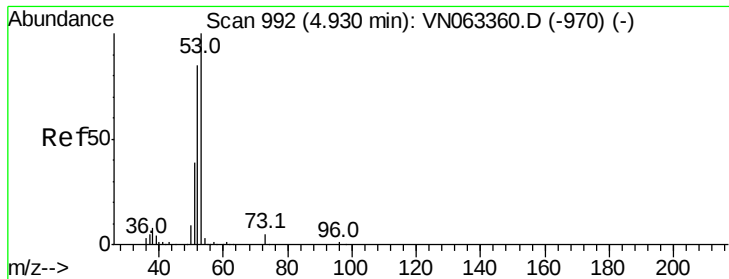
Ion Ratio Lower Upper

41 100

39 79.4 59.3 88.9

76 31.6 25.3 37.9





#15

Acrylonitrile

Concen: 232.202 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

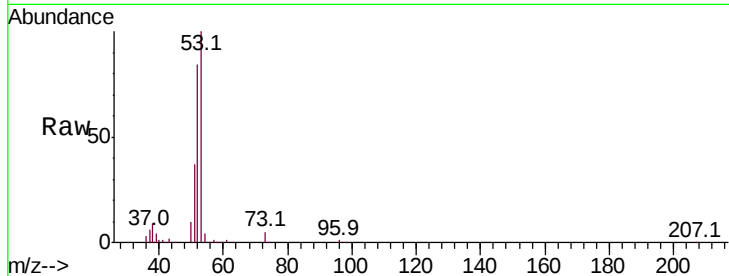
Tot Ion: 53 Resp: 358339

Ion Ratio Lower Upper

53 100

52 82.3 66.4 99.6

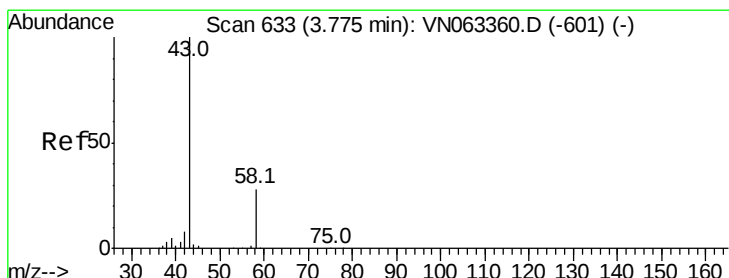
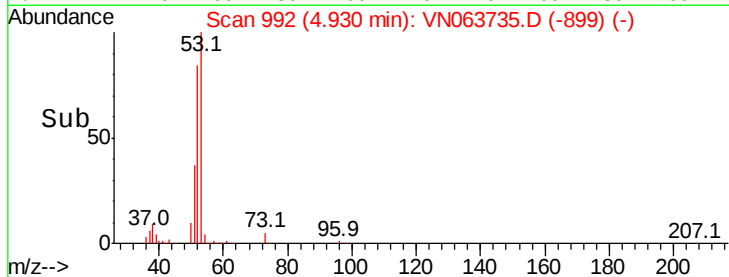
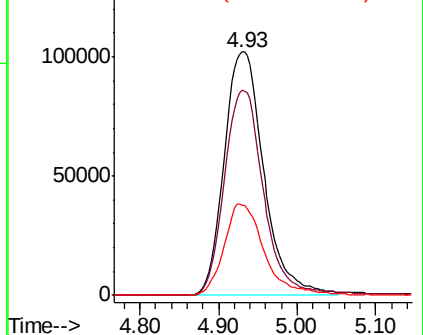
51 37.8 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VNO

Ion 52.00 (51.70 to 52.70): VNO

Ion 51.00 (50.70 to 51.70): VNO



#16

Acetone

Concen: 237.090 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063735.D

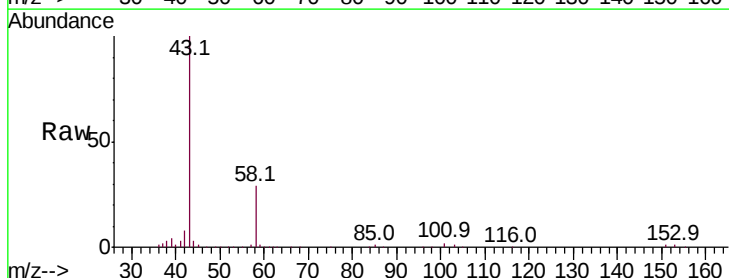
Acq: 29 Sep 2020 18:39

Tgt Ion: 43 Resp: 333689

Ion Ratio Lower Upper

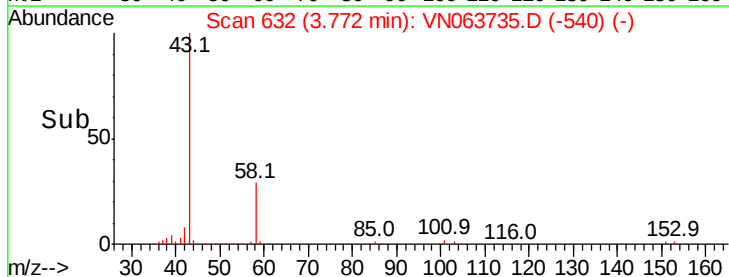
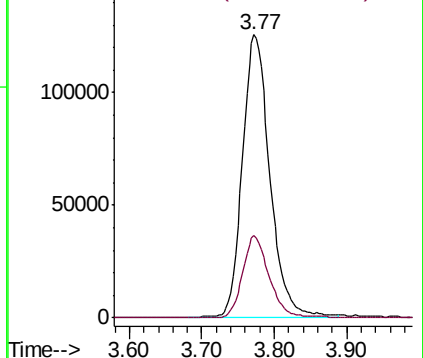
43 100

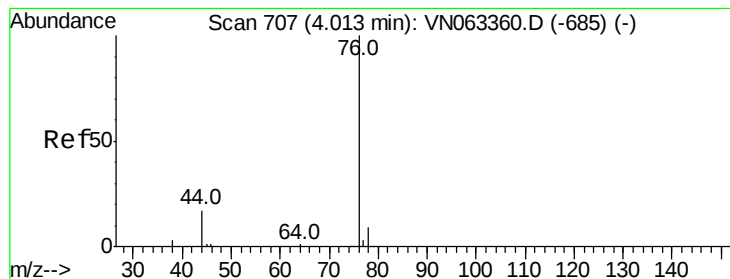
58 29.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#17

Carbon Disulfide

Concen: 36.479 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

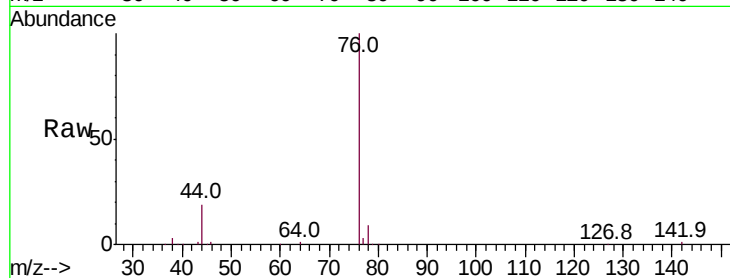
VSTDCCC050EC

Tot Ion: 76 Resp: 308053

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

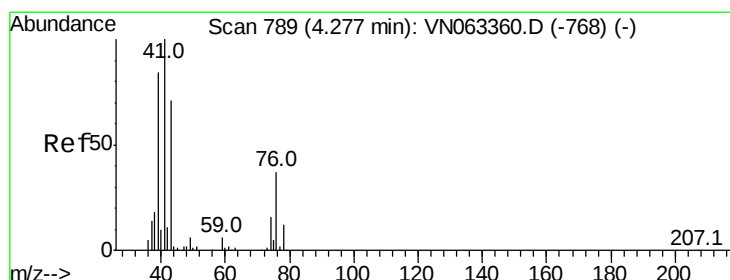
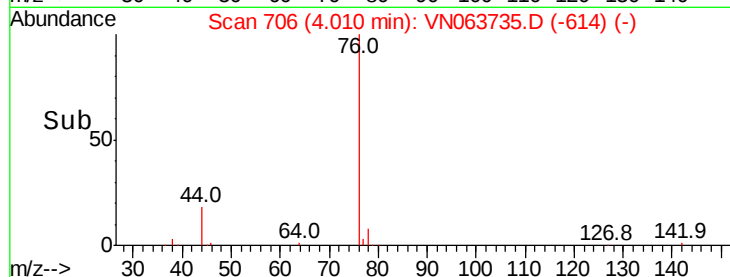
4.01

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.335 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063735.D

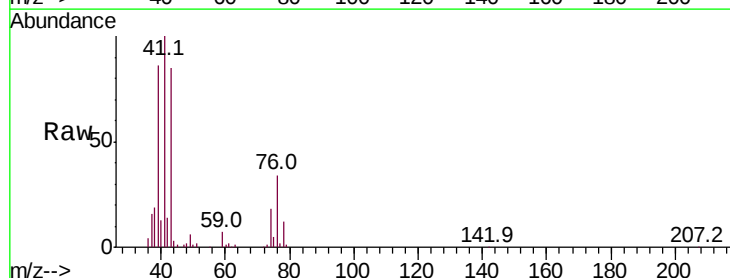
Acq: 29 Sep 2020 18:39

Tgt Ion: 43 Resp: 186991

Ion Ratio Lower Upper

43 100

74 21.4 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

4.28

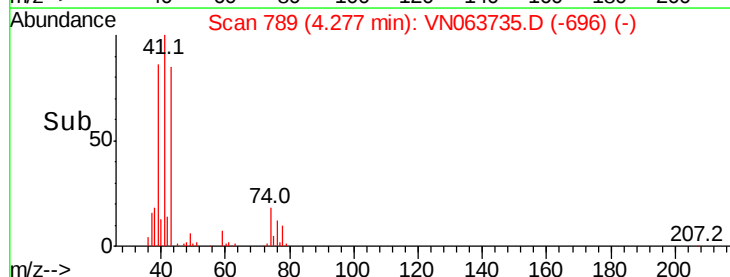
60000

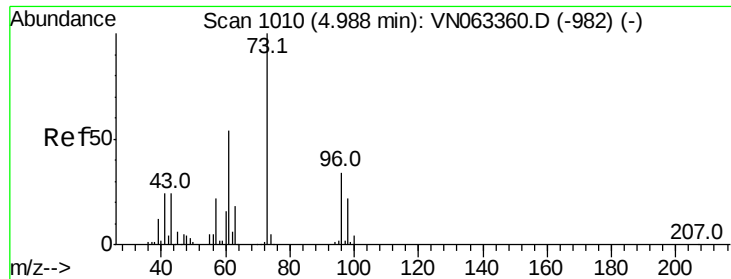
40000

20000

0

Time-->

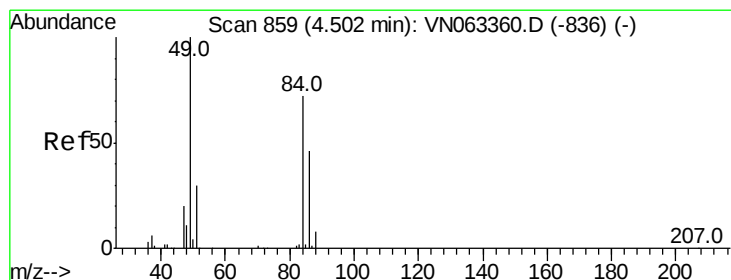
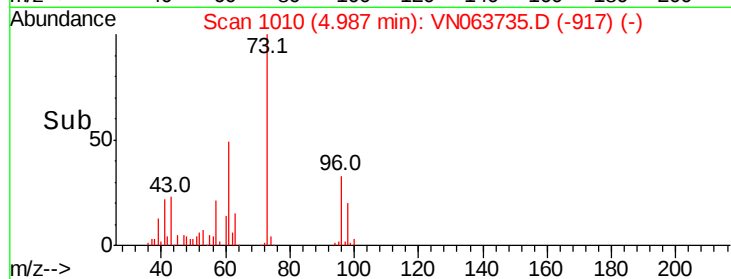
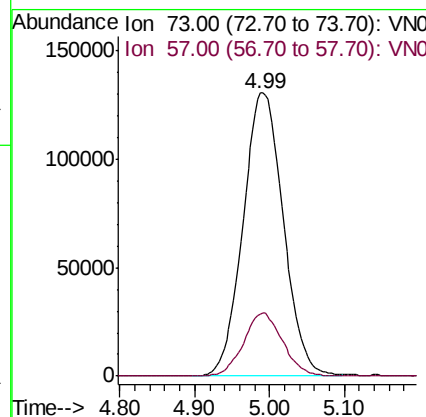
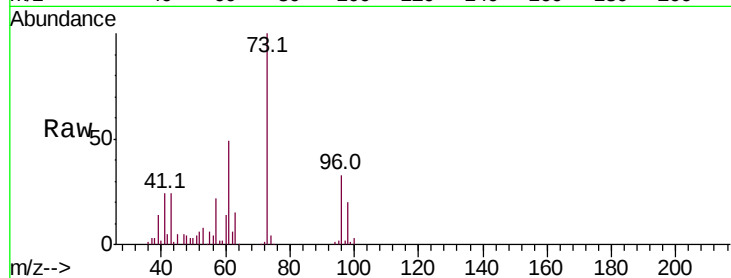




#19
Methvl tert-butvl Ether
Concen: 45.306 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

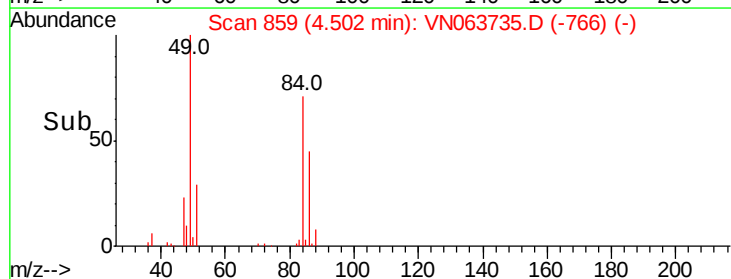
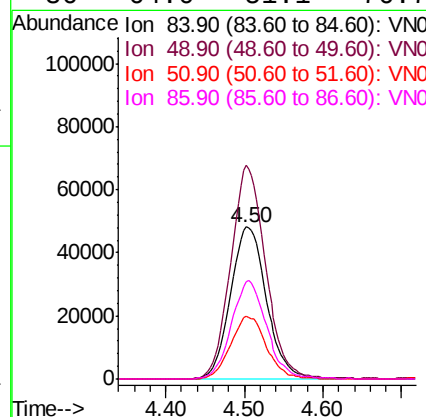
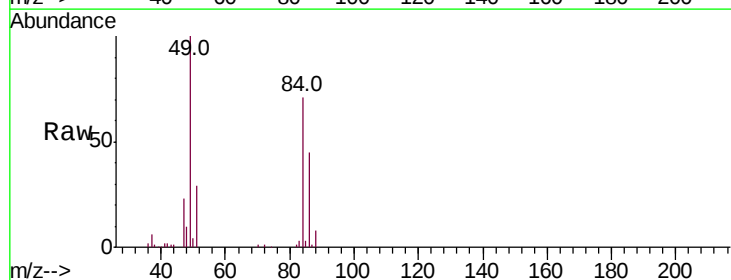
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

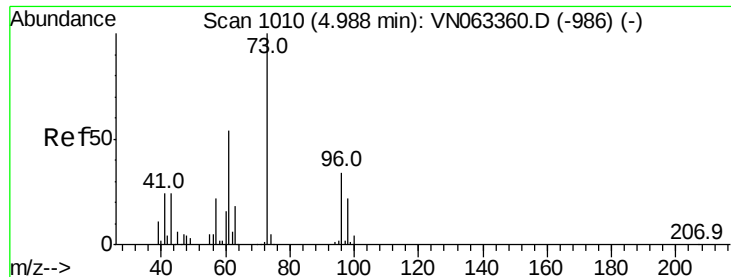
Tot Ion: 73 Resp: 490221
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 43.028 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 84 Resp: 153435
Ion Ratio Lower Upper
84 100
49 140.7 110.7 166.1
51 41.0 32.9 49.3
86 64.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 42.799 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

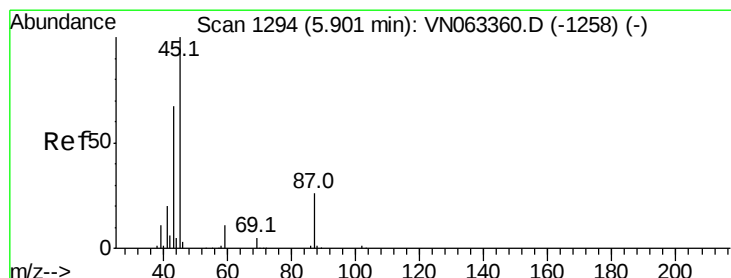
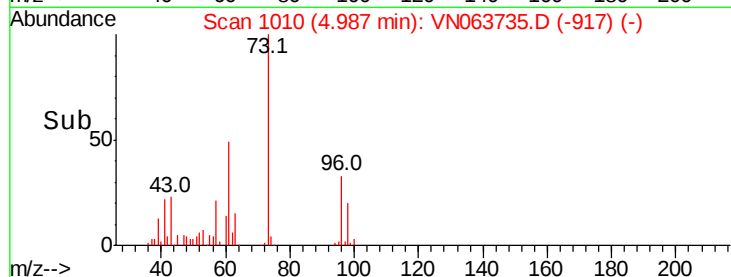
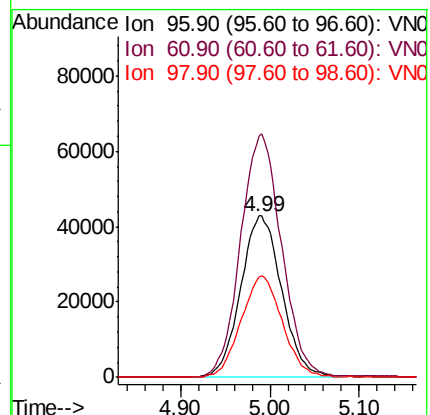
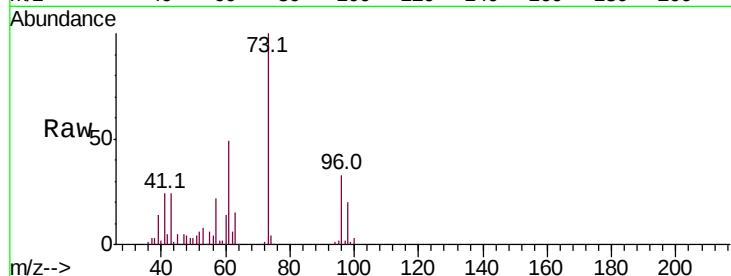
Tot Ion: 96 Resp: 137664

Ion Ratio Lower Upper

96 100

61 149.2 126.2 189.4

98 62.4 51.0 76.4



#22

Diisopropyl ether

Concen: 44.610 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Tgt Ion: 45 Resp: 522466

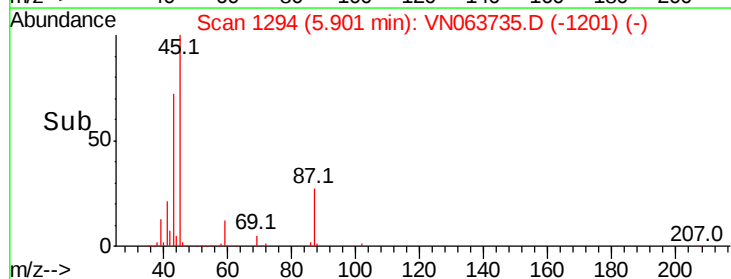
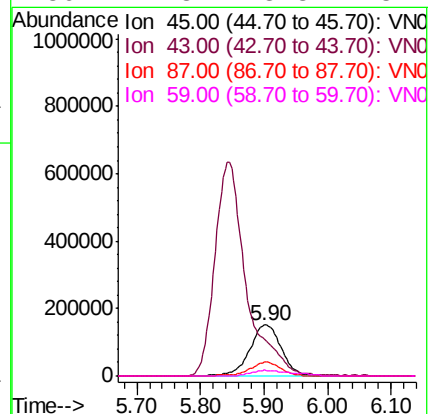
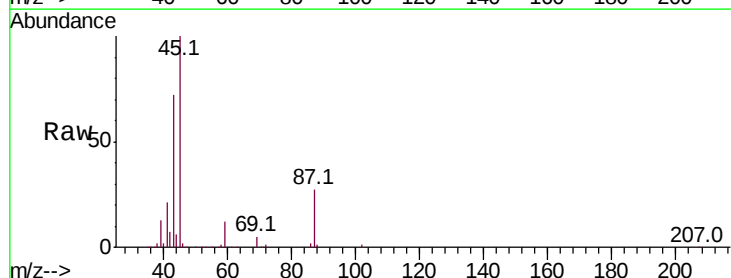
Ion Ratio Lower Upper

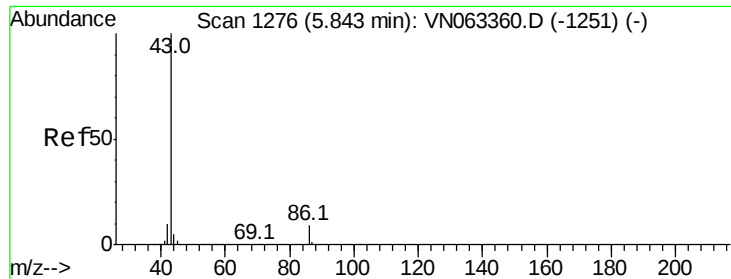
45 100

43 70.4 53.5 80.3

87 26.5 21.2 31.8

59 11.3 8.8 13.2





#23

Vinyl Acetate

Concen: 226.809 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

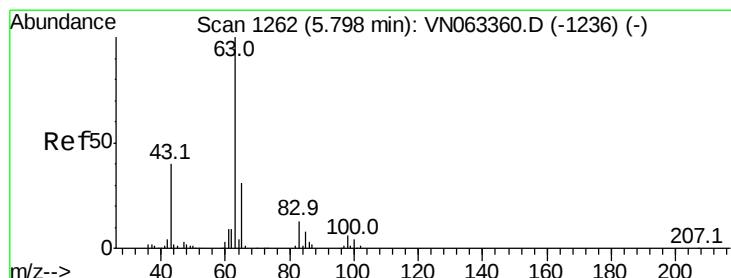
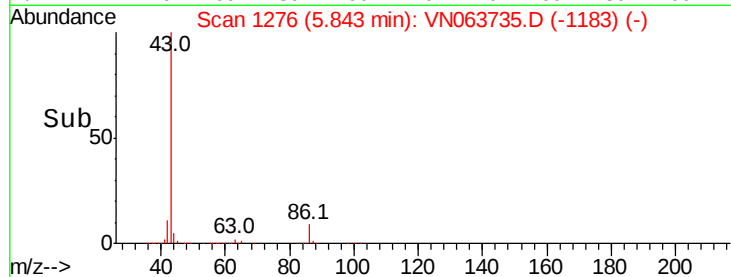
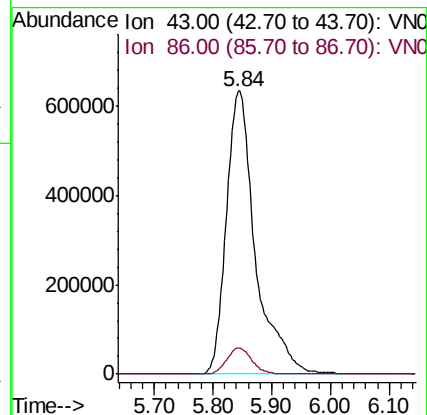
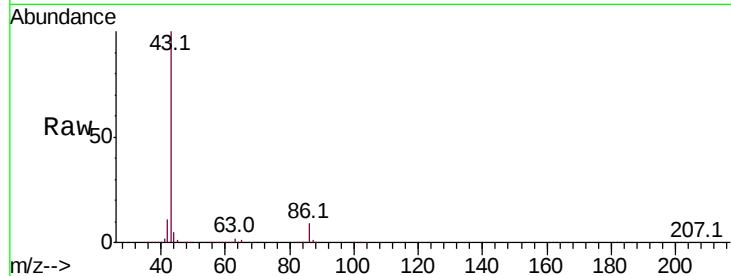
VSTDCCC050EC

Tot Ion: 43 Resp: 2181581

Ion Ratio Lower Upper

43 100

86 9.1 7.1 10.7



#24

1,1-Dichloroethane

Concen: 44.126 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

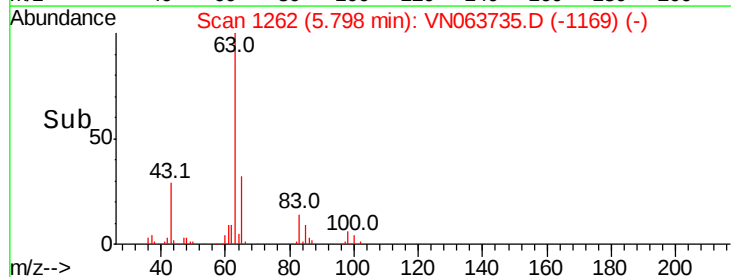
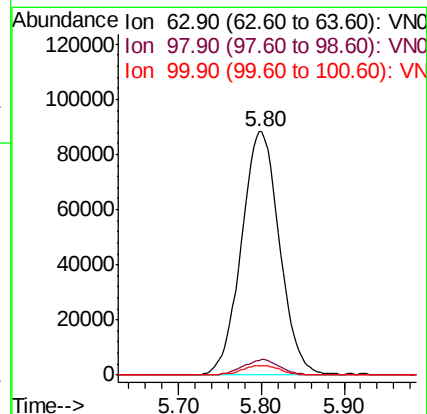
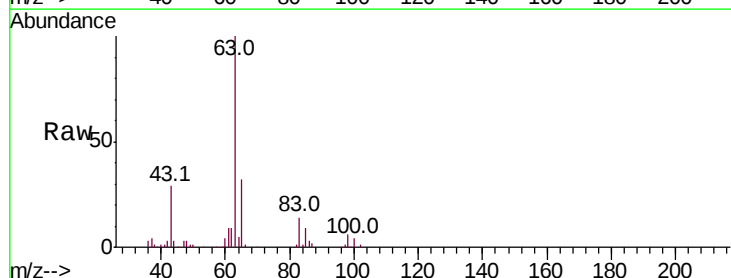
Tgt Ion: 63 Resp: 282147

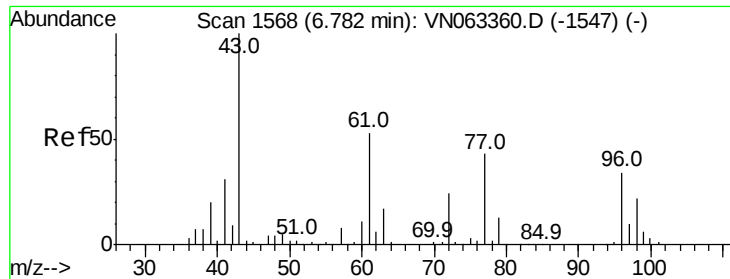
Ion Ratio Lower Upper

63 100

98 6.1 2.9 8.8

100 3.9 2.1 6.3

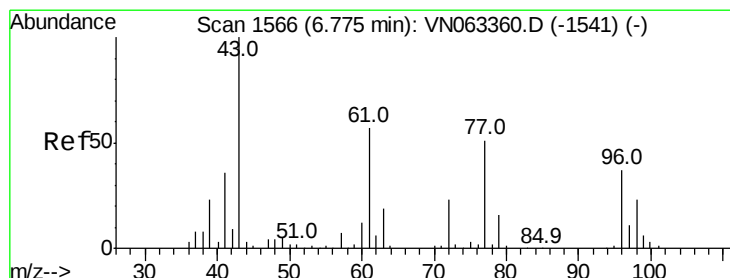
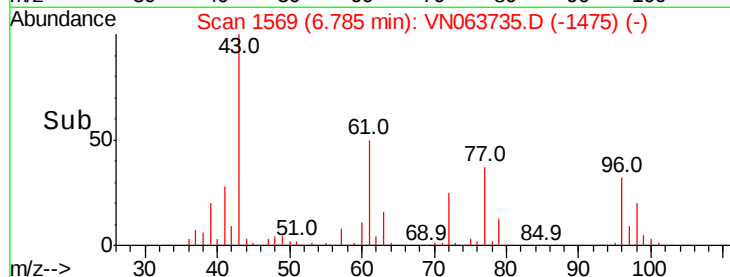
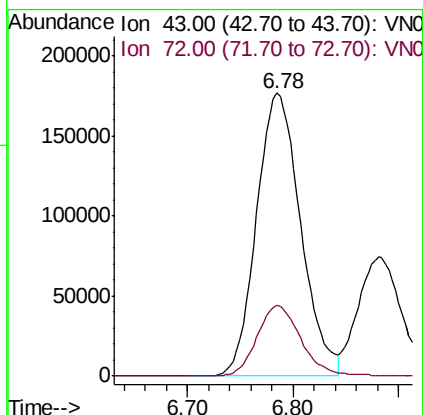
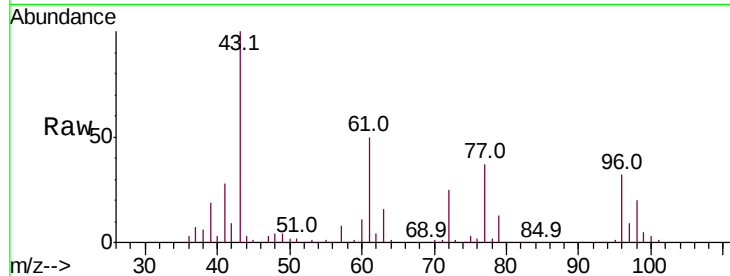




#25
2-Butanone
Concen: 236.571 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

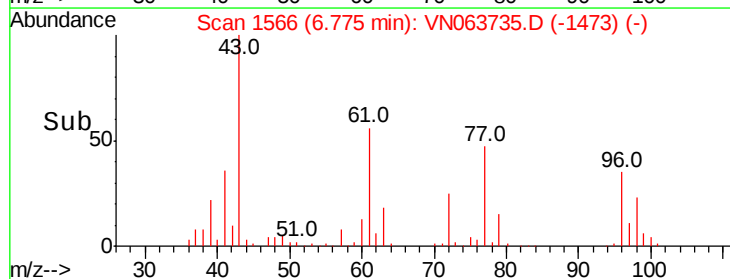
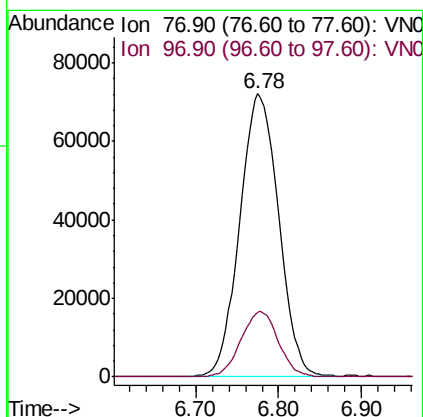
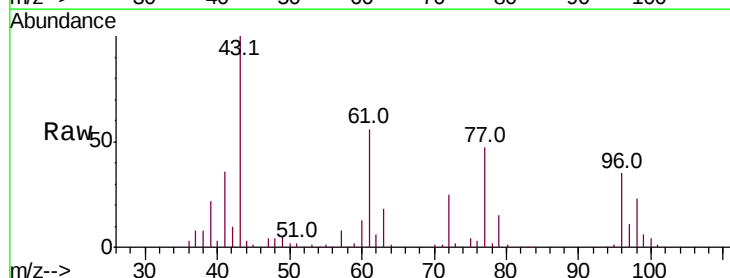
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

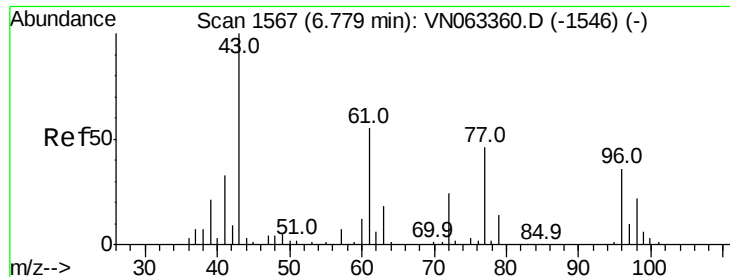
Tot Ion: 43 Resp: 512084
Ion Ratio Lower Upper
43 100
72 25.0 19.2 28.8



#26
2,2-Dichloropropane
Concen: 41.801 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 77 Resp: 235327
Ion Ratio Lower Upper
77 100
97 22.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 45.296 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

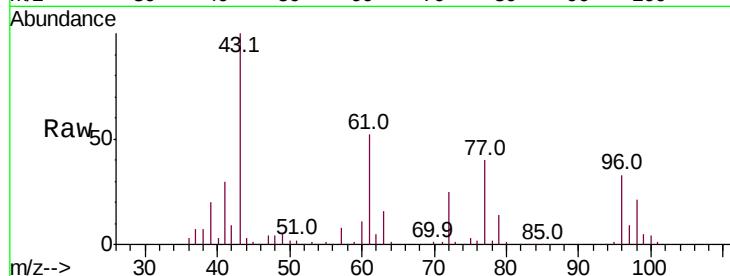
Tot Ion: 96 Resp: 164907

Ion Ratio Lower Upper

96 100

61 161.8 0.0 319.6

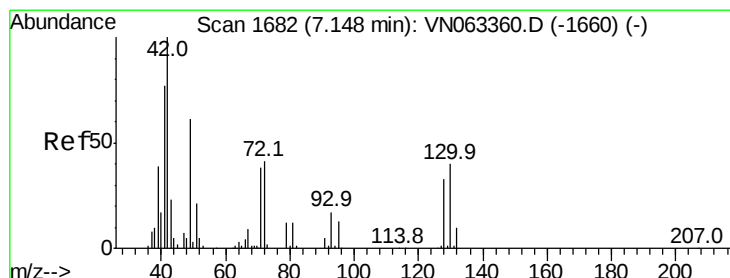
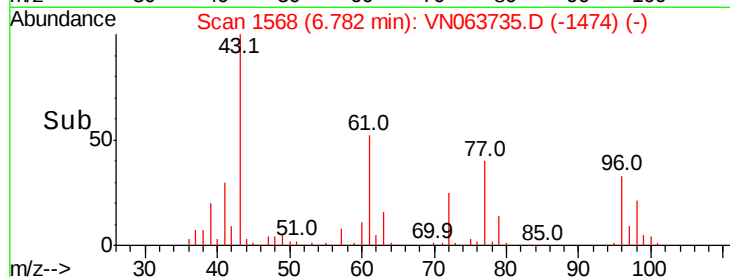
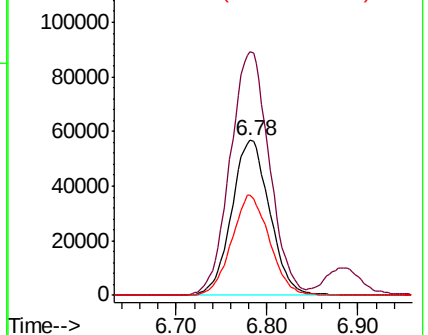
98 64.3 0.0 127.8



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: 45.739 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

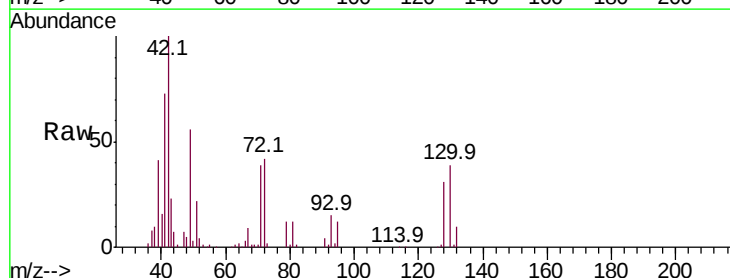
Tgt Ion: 49 Resp: 135037

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.8

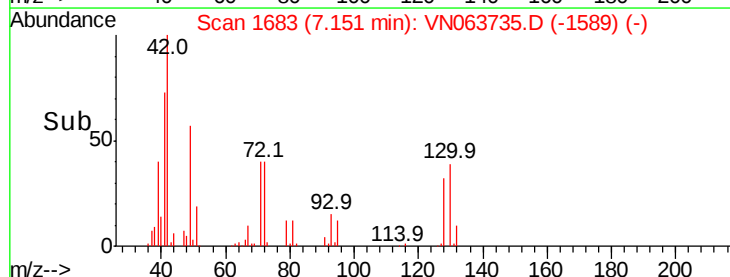
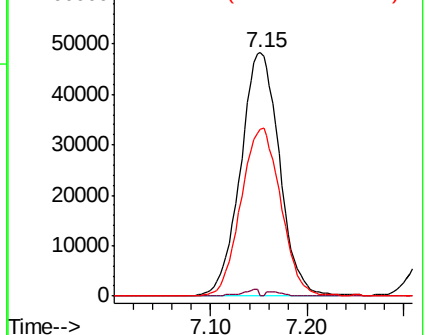
130 70.2 52.2 78.2

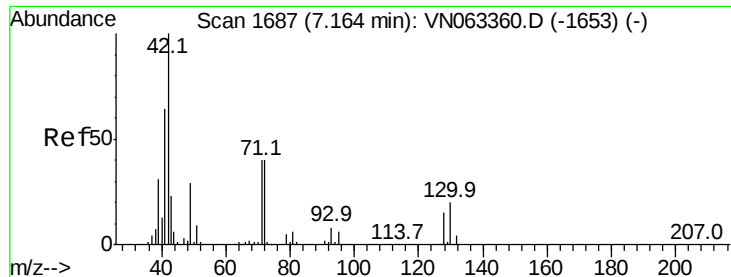


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 227.626 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

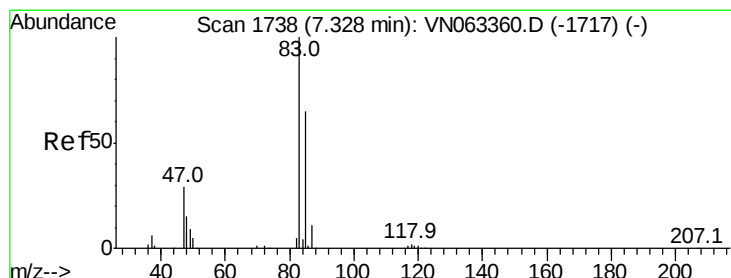
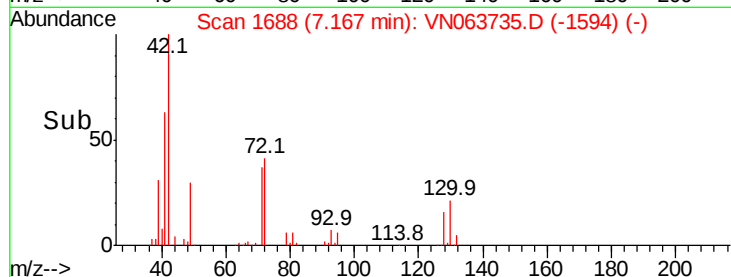
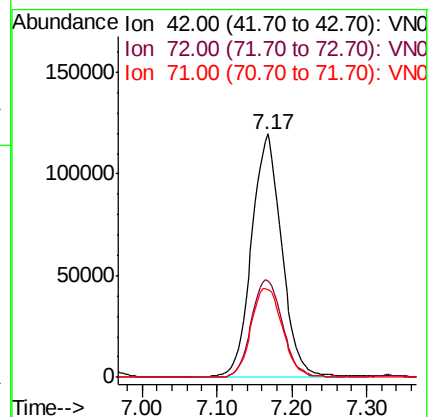
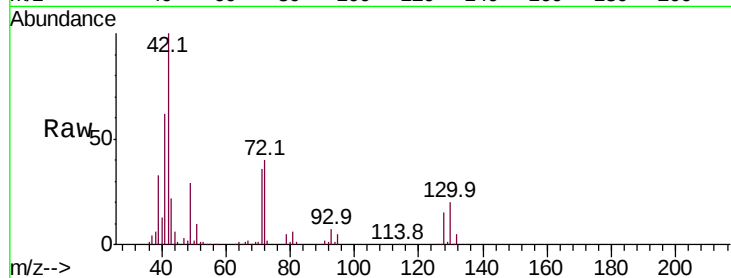
Tot Ion: 42 Resp: 336518

Ion Ratio Lower Upper

42 100

72 41.3 32.1 48.1

71 38.2 31.2 46.8



#30

Chloroform

Concen: 47.207 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063735.D

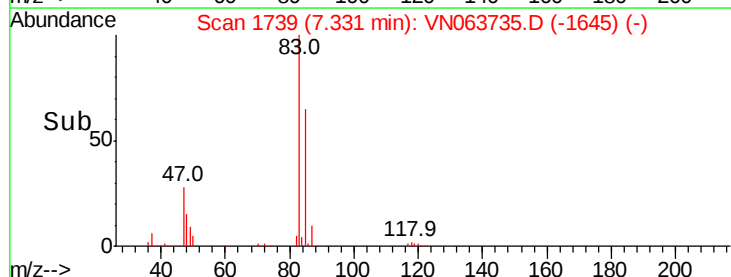
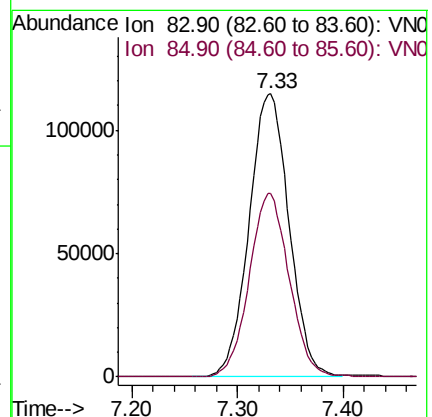
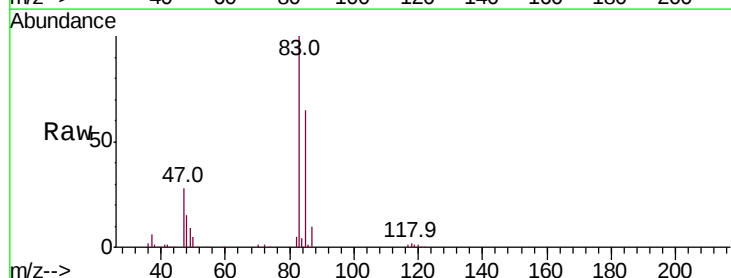
Acq: 29 Sep 2020 18:39

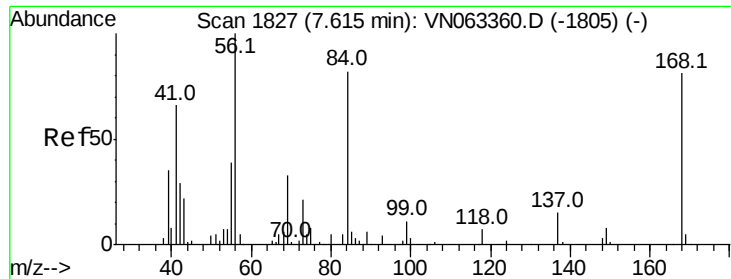
Tgt Ion: 83 Resp: 302844

Ion Ratio Lower Upper

83 100

85 64.9 52.1 78.1

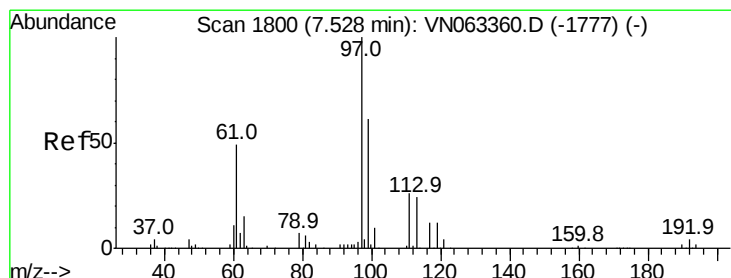
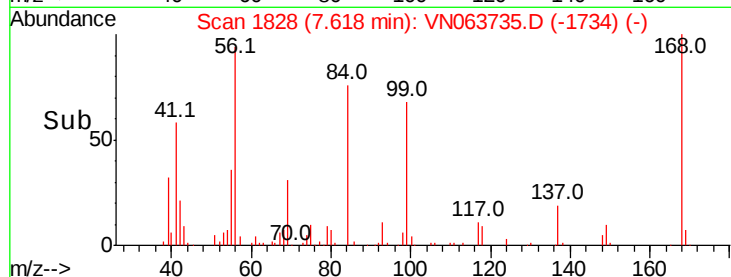
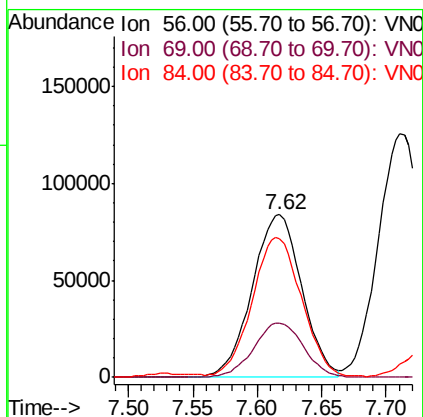
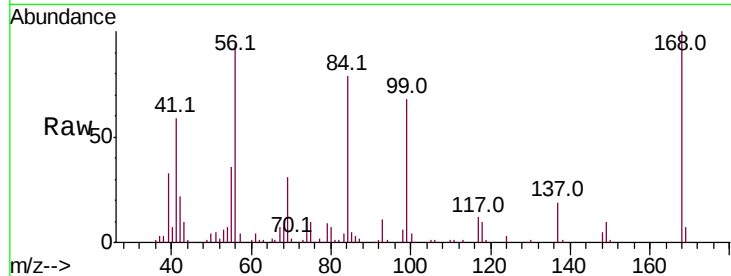




#31
Cyclohexane
Concen: 37.148 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

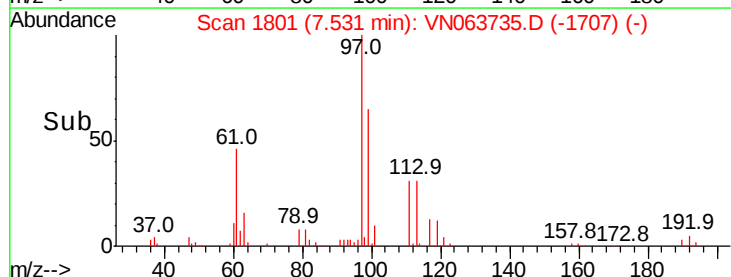
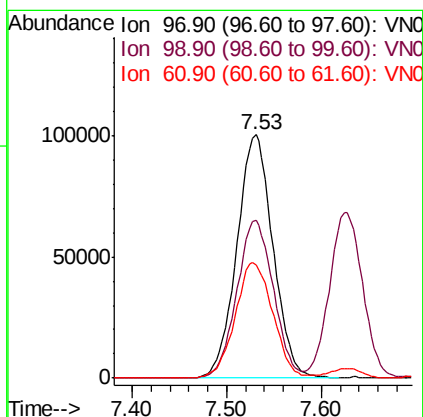
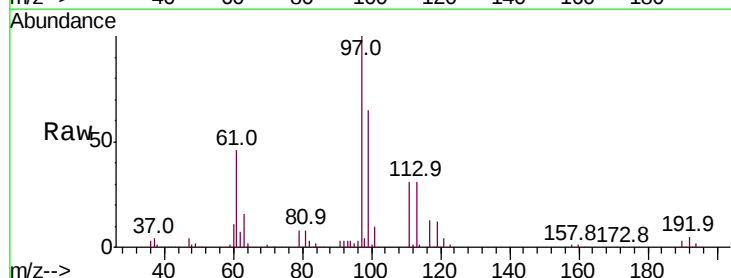
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

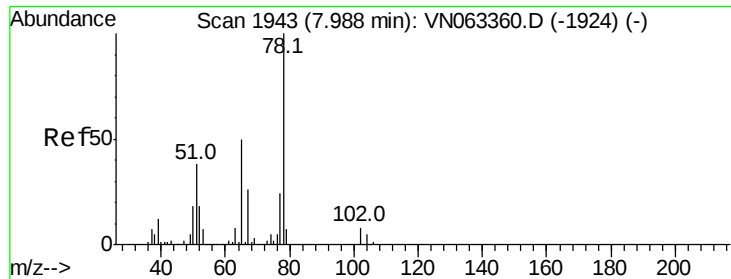
Tot Ion: 56 Resp: 224684
Ion Ratio Lower Upper
56 100
69 33.0 26.1 39.1
84 83.4 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 46.682 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 97 Resp: 266362
Ion Ratio Lower Upper
97 100
99 65.6 50.6 76.0
61 49.4 39.2 58.8





#33

1,2-Dichloroethane-d4

Concen: 49.238 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

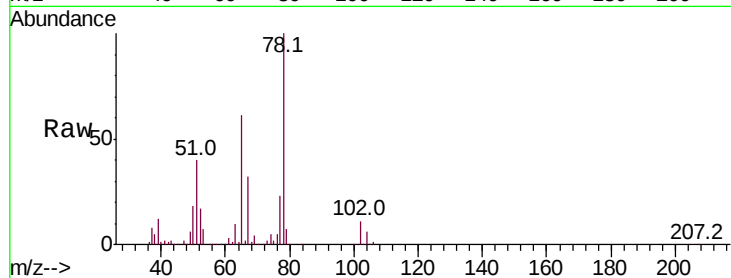
VSTDCCC050EC

Tot Ion: 65 Resp: 215628

Ion Ratio Lower Upper

65 100

67 49.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

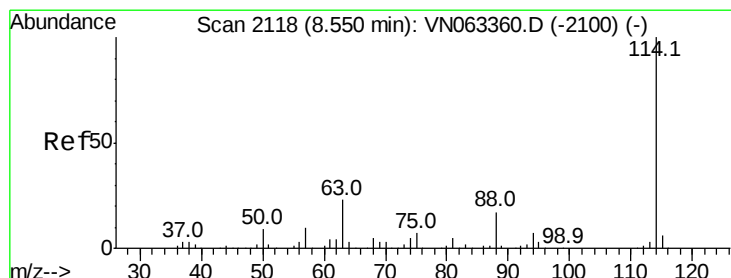
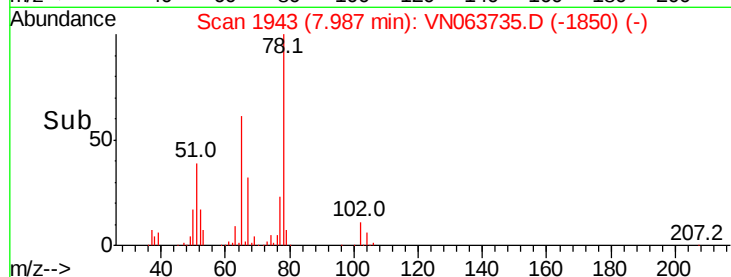
60000

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: VN063735.D

Acq: 29 Sep 2020 18:39

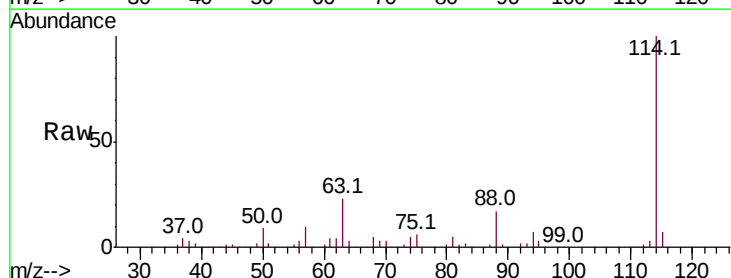
Tgt Ion: 114 Resp: 434388

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.4

88 16.6 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.55

250000

200000

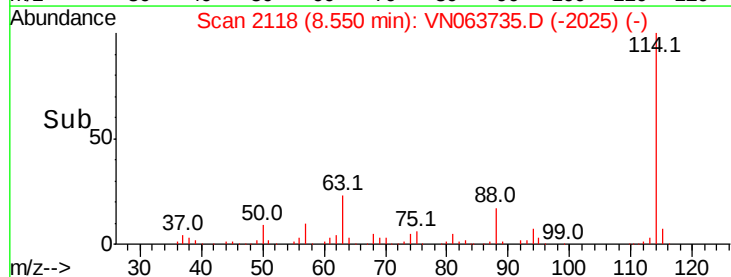
150000

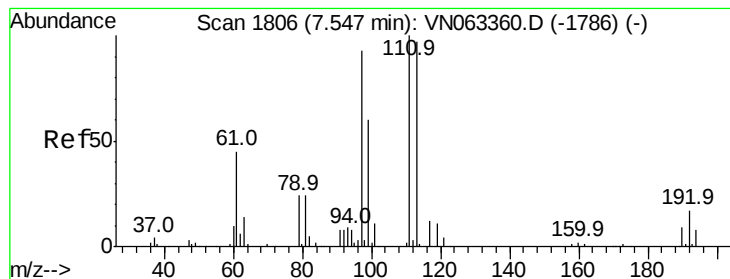
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.538 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

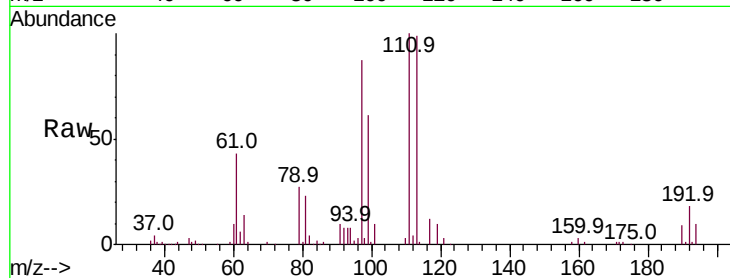
Tot Ion:113 Resp: 148969

Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

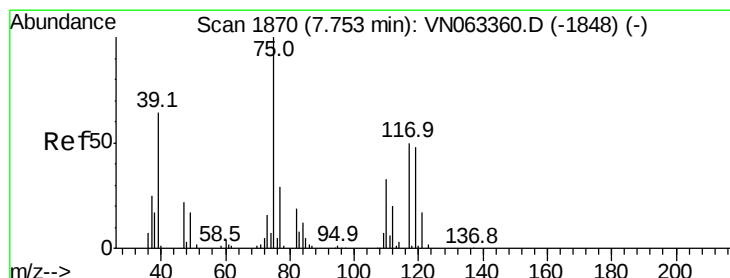
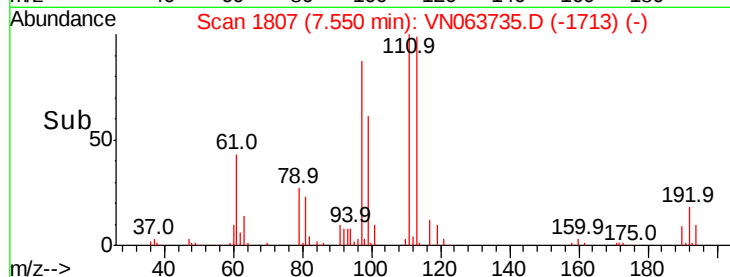
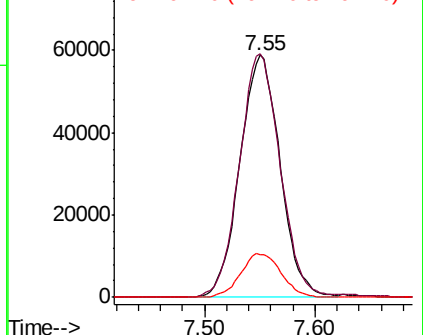
192 18.1 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.681 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

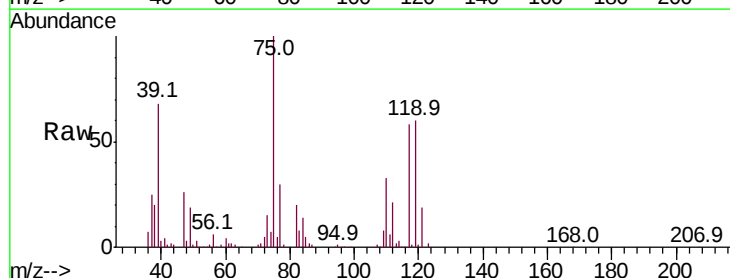
Tgt Ion: 75 Resp: 211404

Ion Ratio Lower Upper

75 100

110 33.5 16.5 49.5

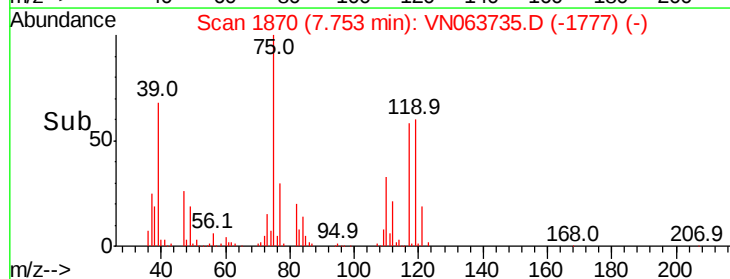
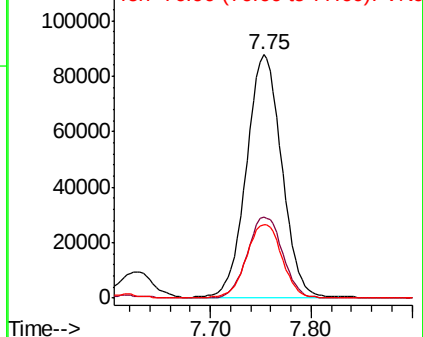
77 30.6 24.6 36.8

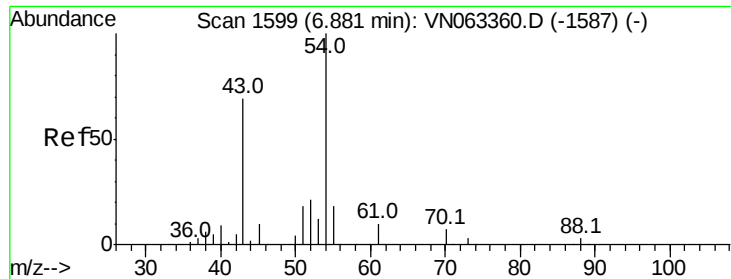


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

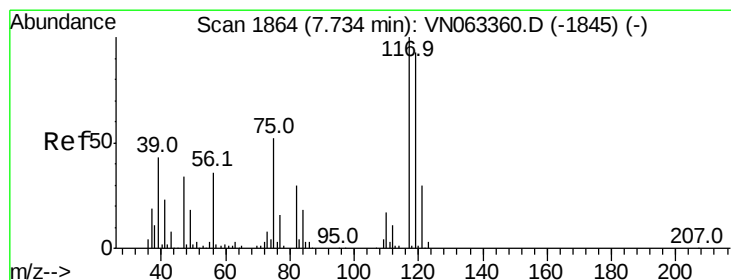
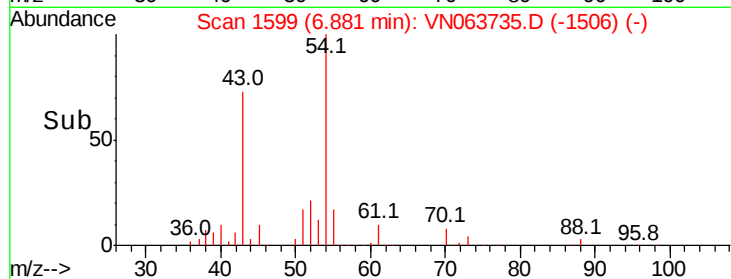
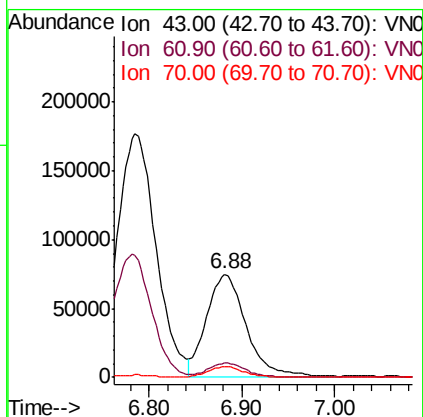
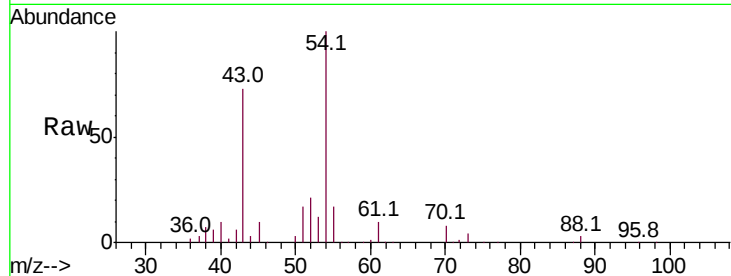




#37
Ethyl Acetate
Concen: 48.256 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

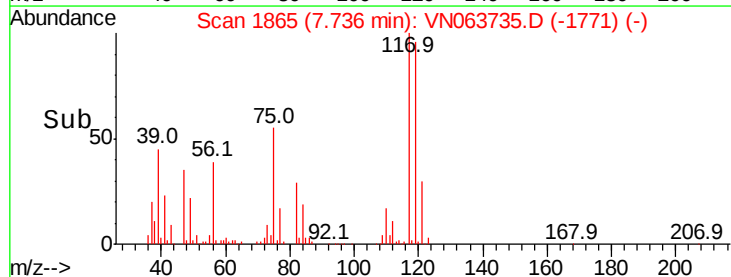
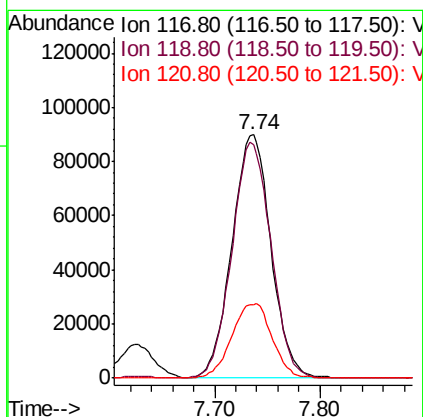
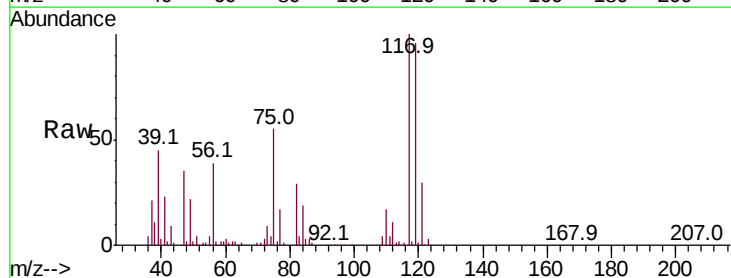
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

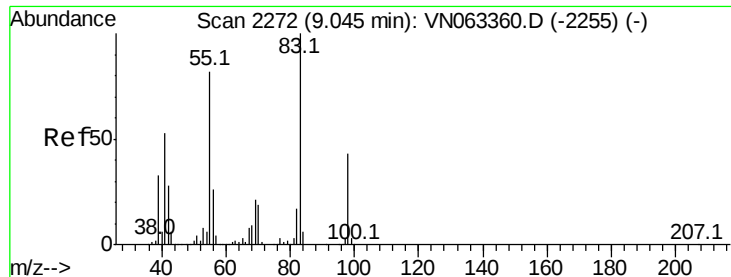
Tot Ion: 43 Resp: 219176
Ion Ratio Lower Upper
43 100
61 12.6 10.6 15.8
70 9.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 48.603 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 117 Resp: 229603
Ion Ratio Lower Upper
117 100
119 95.8 74.5 111.7
121 30.4 24.1 36.1

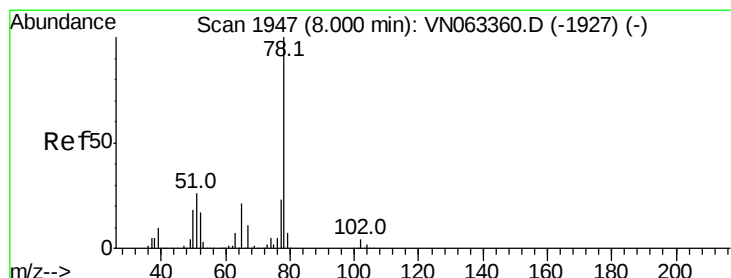
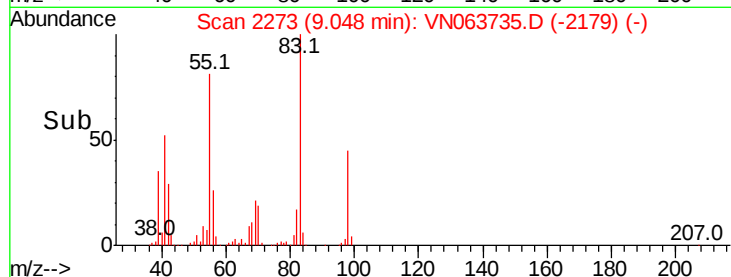
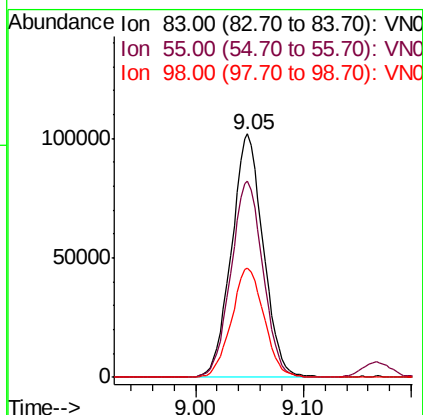
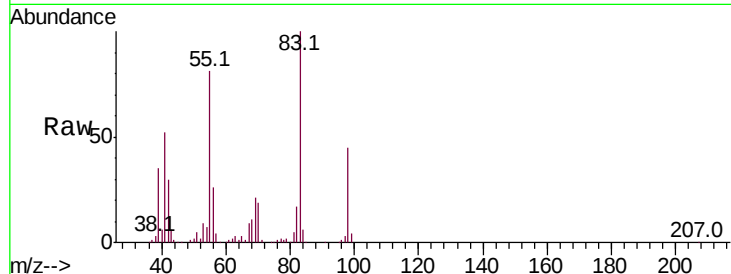




#39
Methvlcvclohexane
Concen: 41.569 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

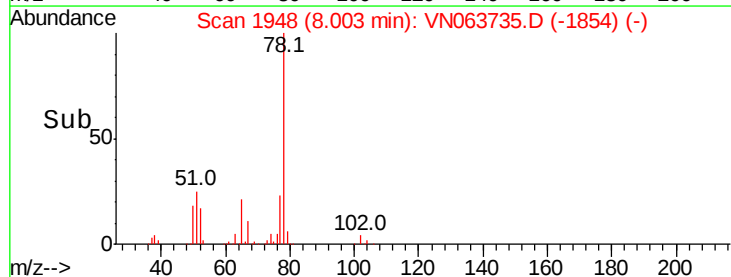
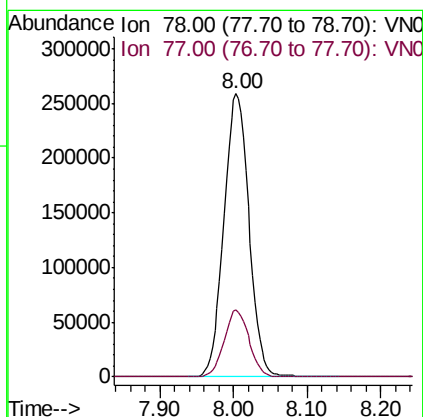
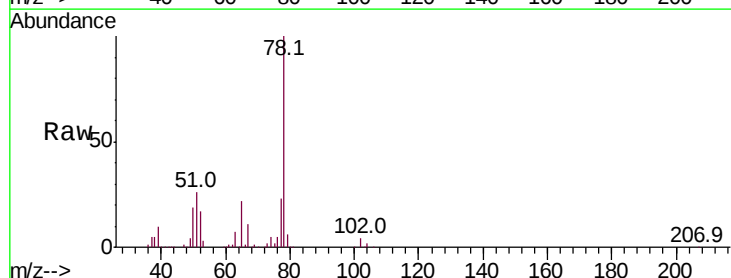
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

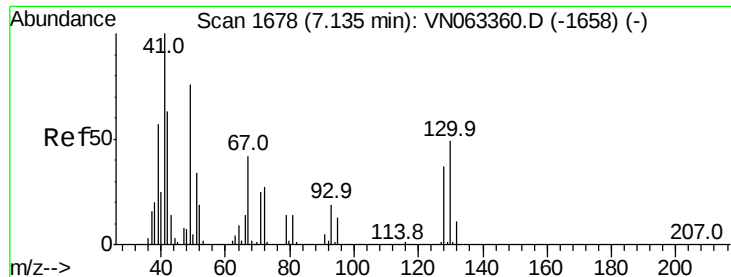
Tot Ion: 83 Resp: 208788
Ion Ratio Lower Upper
83 100
55 80.4 65.5 98.3
98 44.9 34.2 51.4



#40
Benzene
Concen: 46.424 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 78 Resp: 613292
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5

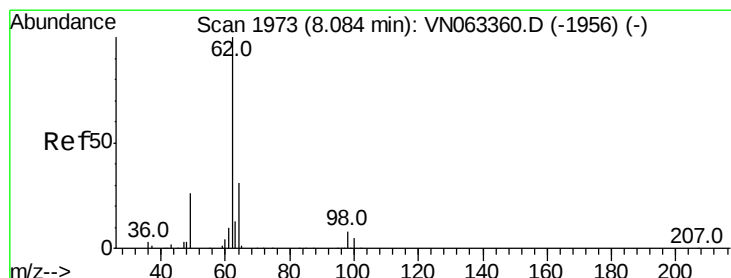
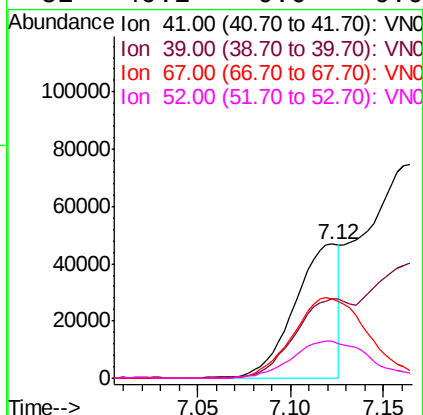
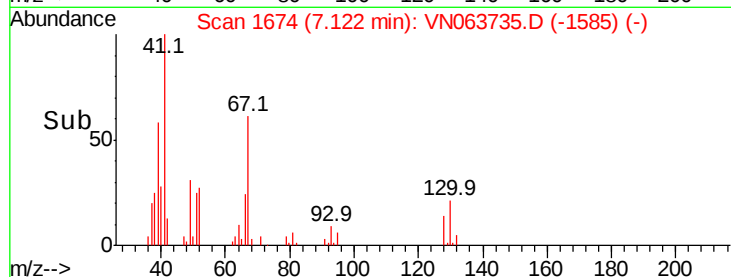
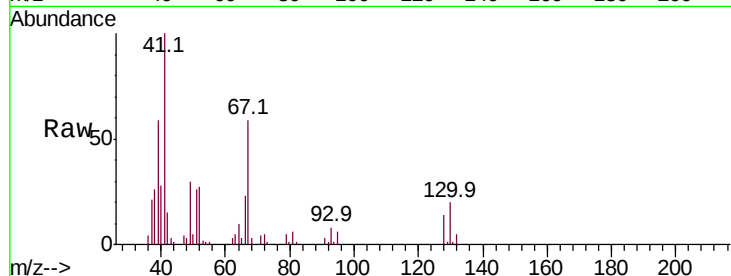




#41
Methacrylonitrile
Concen: 37.949 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

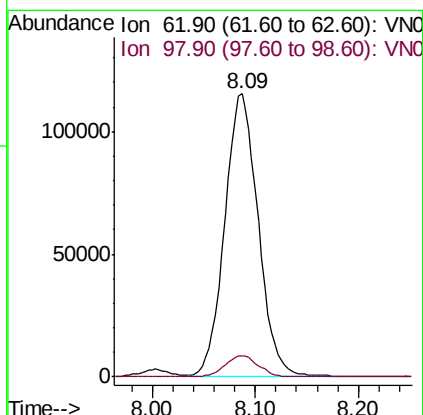
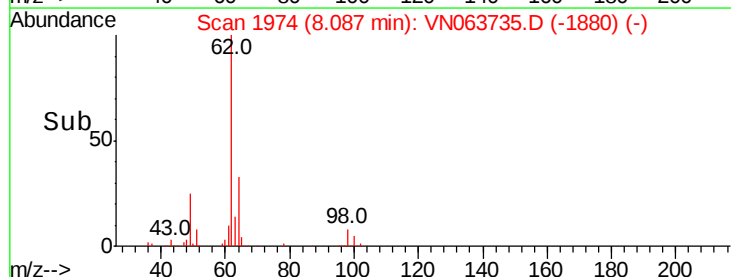
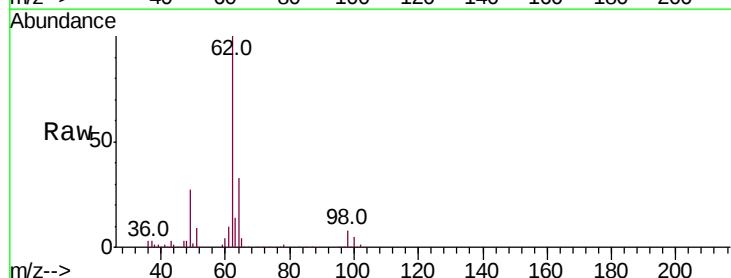
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

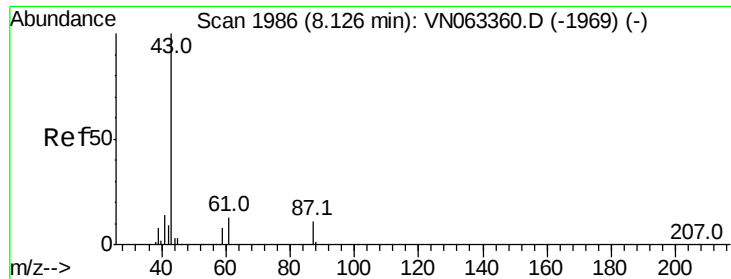
Tot Ion: 41 Resp: 77523
Ion Ratio Lower Upper
41 100
39 77.7 0.0 0.0#
67 103.6 0.0 0.0#
52 49.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.914 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 62 Resp: 259863
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.6





#43

Isopropyl Acetate

Concen: 46.496 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

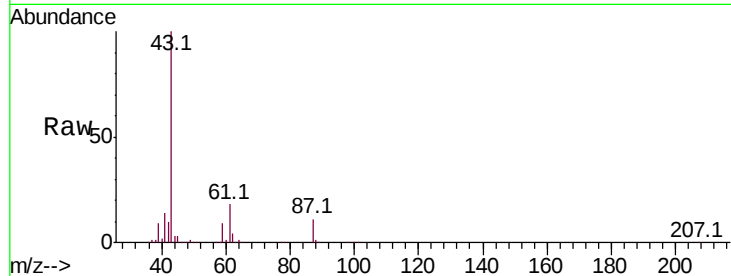
Tot Ion: 43 Resp: 377621

Ion Ratio Lower Upper

43 100

61 24.5 14.2 21.2#

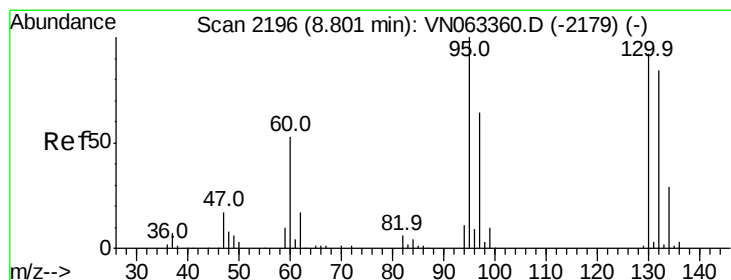
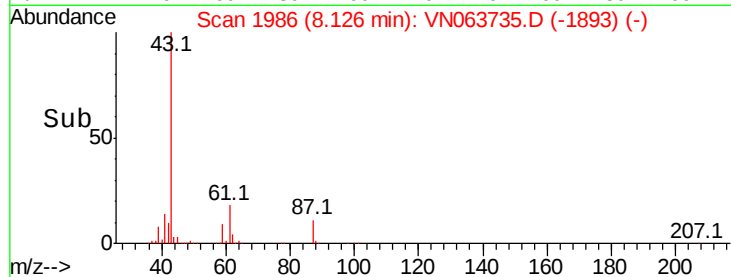
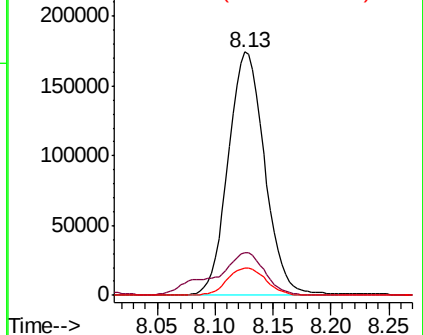
87 11.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 48.389 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063735.D

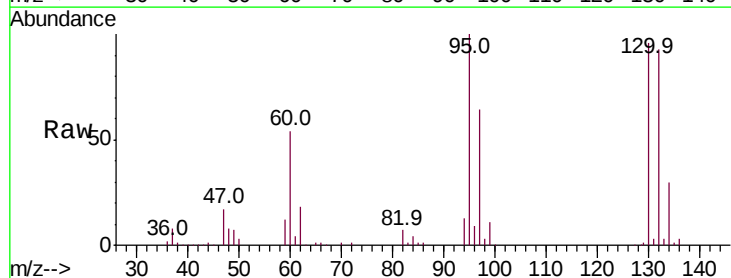
Acq: 29 Sep 2020 18:39

Tgt Ion:130 Resp: 155047

Ion Ratio Lower Upper

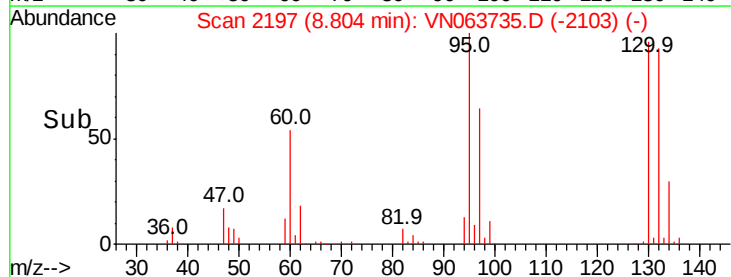
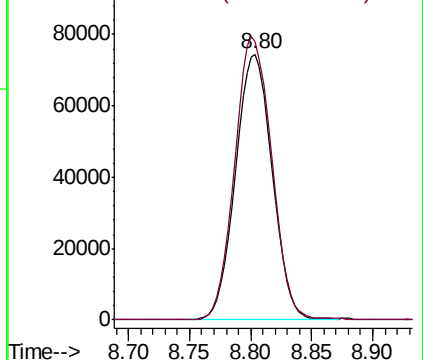
130 100

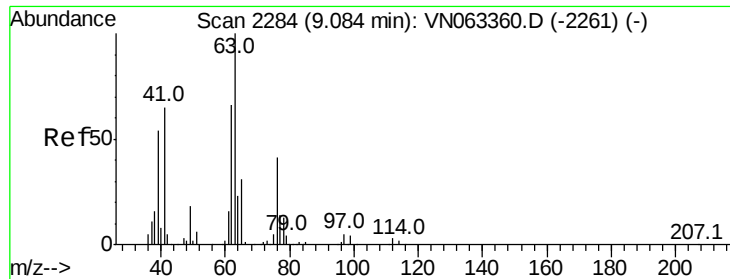
95 104.5 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

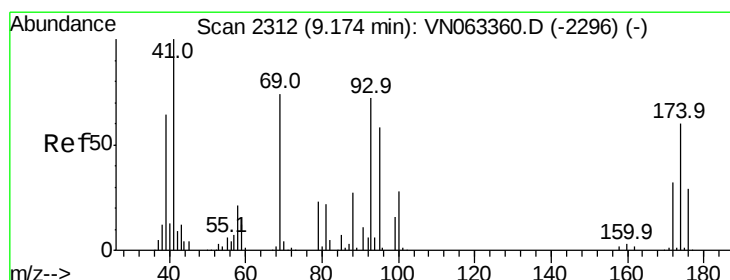
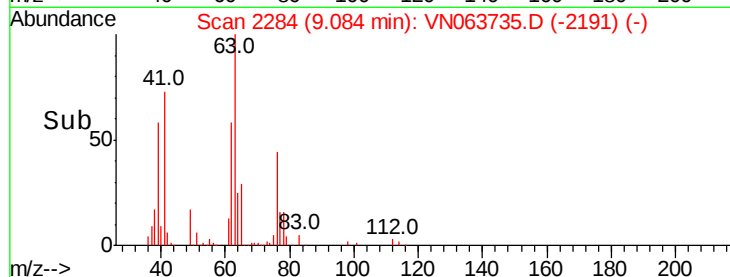
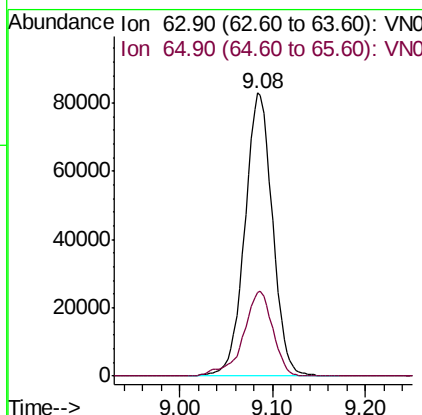
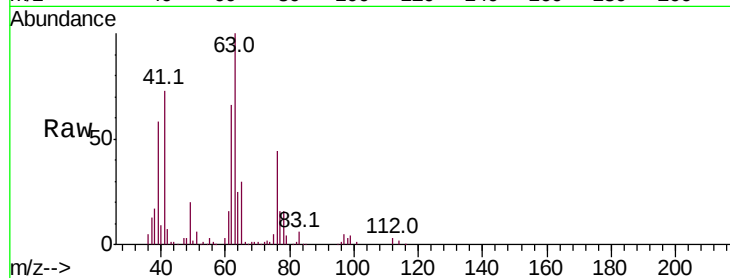




#45
 1,2-Dichloropropane
 Concen: 47.848 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063735.D
 Acq: 29 Sep 2020 18:39

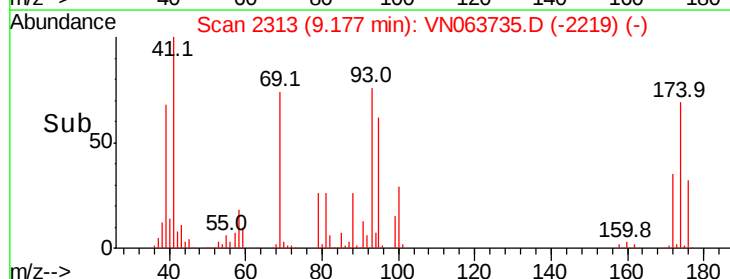
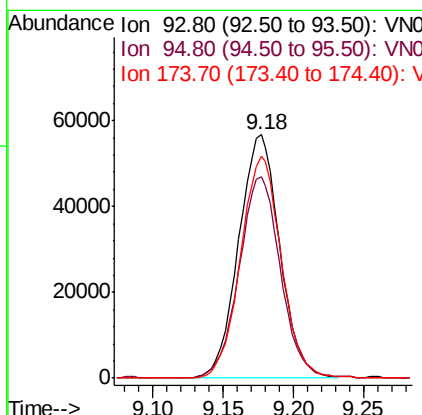
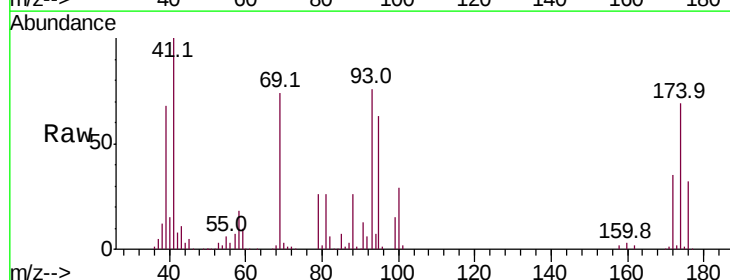
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

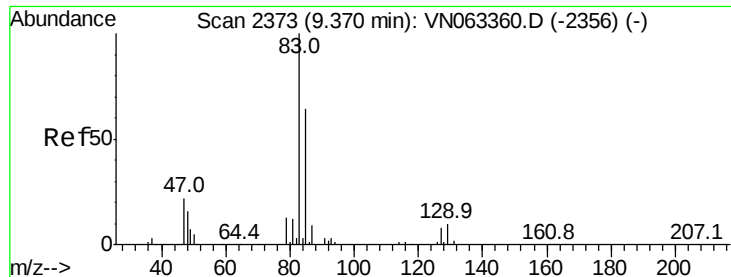
Tot Ion: 63 Resp: 172156
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6



#46
 Dibromomethane
 Concen: 48.899 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063735.D
 Acq: 29 Sep 2020 18:39

Tgt Ion: 93 Resp: 115637
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.6 98.4
 174 90.3 68.1 102.1





#47

Bromodichloromethane

Concen: 49.417 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

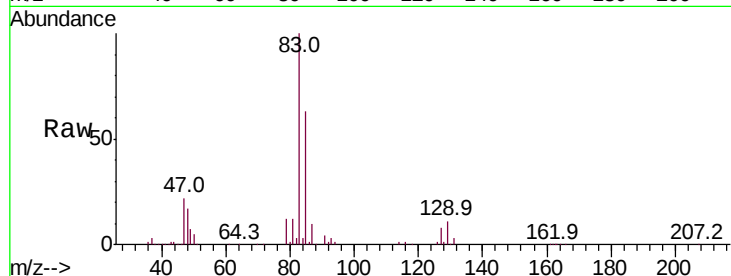
Tot Ion: 83 Resp: 242779

Ion Ratio Lower Upper

83 100

85 62.7 51.0 76.6

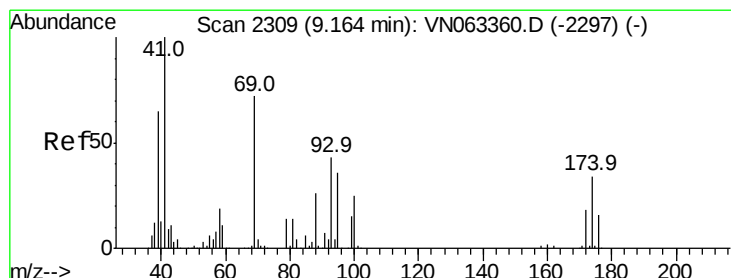
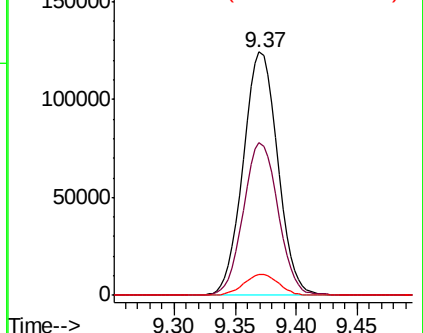
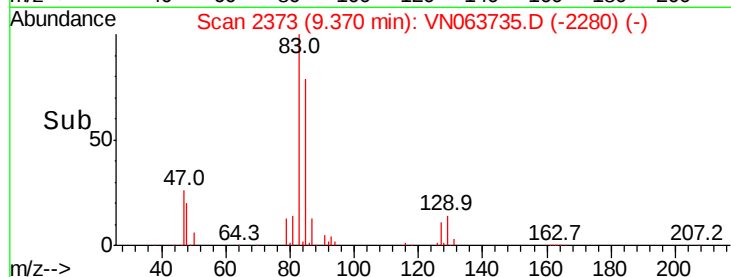
127 8.4 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063735.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063735.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063735.D (-2280) (-)



#48

Methyl methacrylate

Concen: 48.455 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

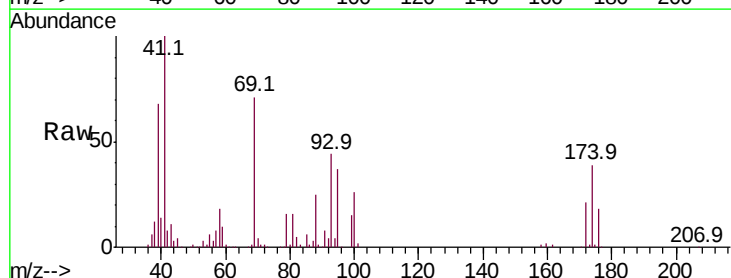
Tgt Ion: 41 Resp: 193344

Ion Ratio Lower Upper

41 100

69 72.8 59.3 88.9

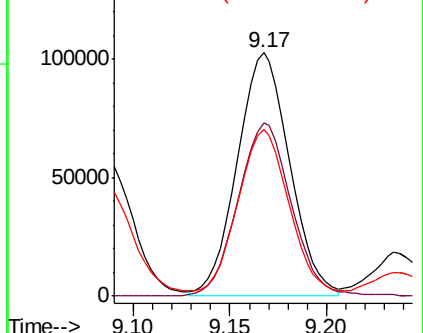
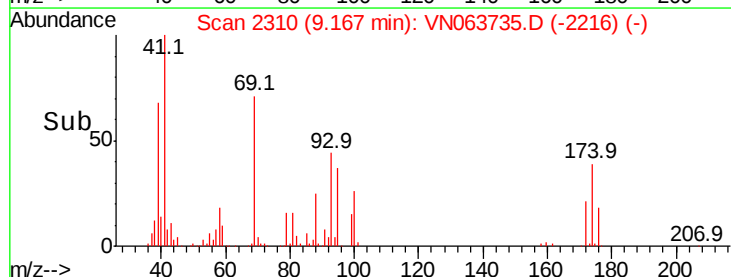
39 67.8 52.9 79.3

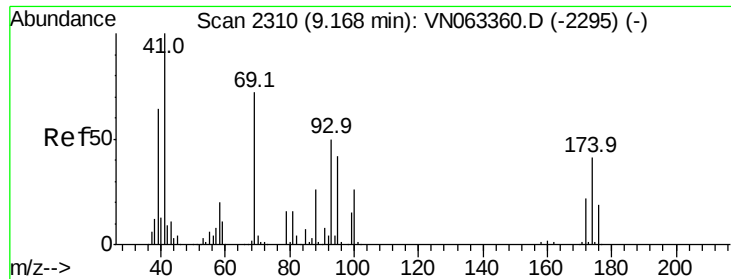


Abundance Ion 41.00 (40.70 to 41.70): VN063735.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN063735.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN063735.D (-2216) (-)





#49

1,4-Dioxane

Concen: 947.623 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

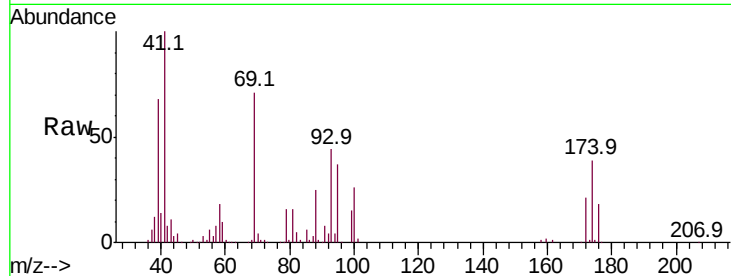
Tot Ion: 88 Resp: 54262

Ion Ratio Lower Upper

88 100

43 39.2 32.6 49.0

58 69.1 60.0 90.0

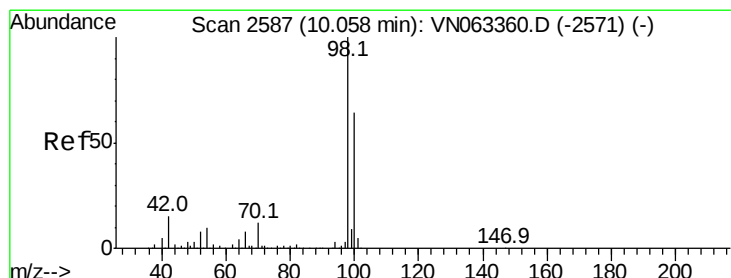
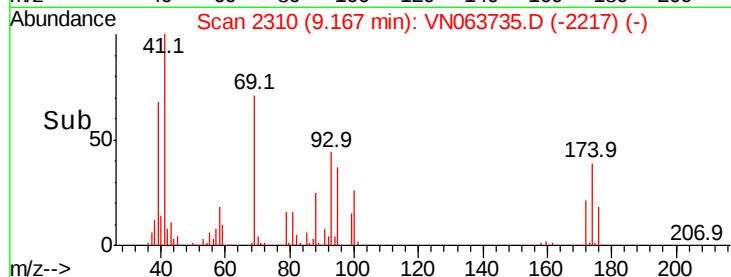
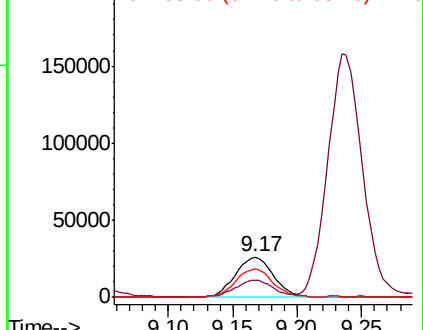


Abundance

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: 49.831 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063735.D

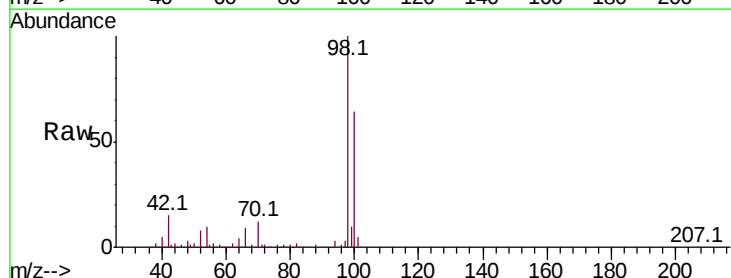
Acq: 29 Sep 2020 18:39

Tgt Ion: 98 Resp: 563471

Ion Ratio Lower Upper

98 100

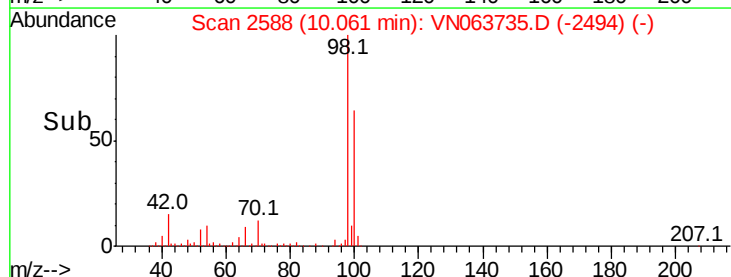
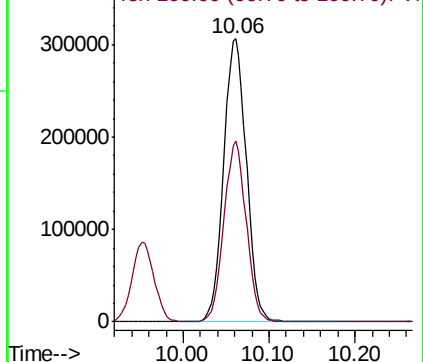
100 62.5 50.7 76.1

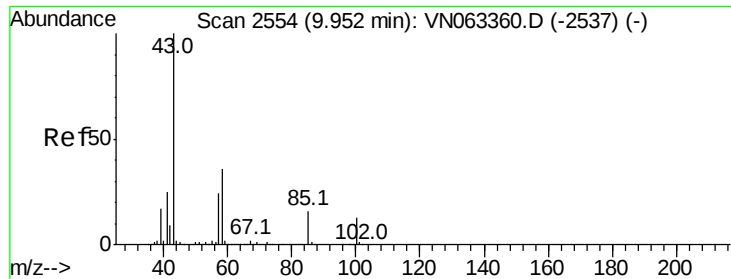


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 253.484 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

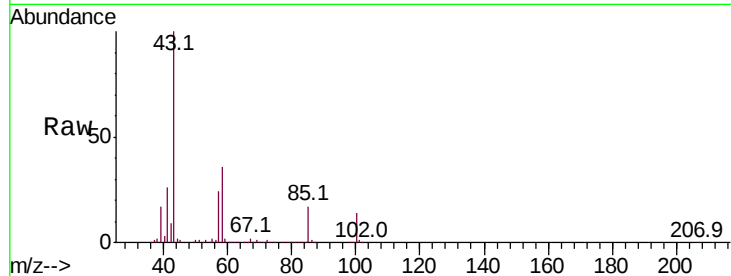
VSTDCCC050EC

Tot Ion: 43 Resp: 1152520

Ion Ratio Lower Upper

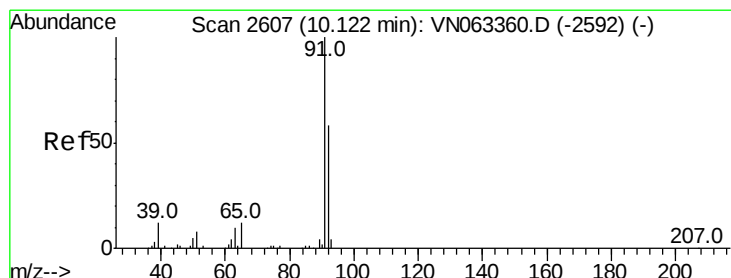
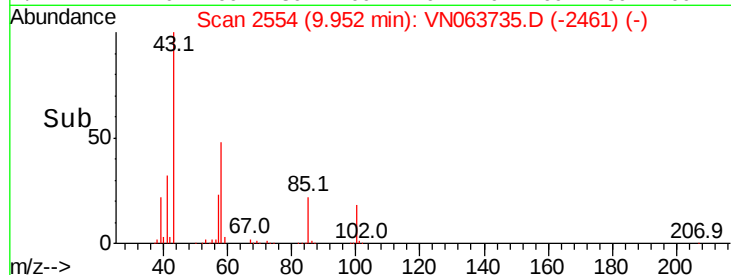
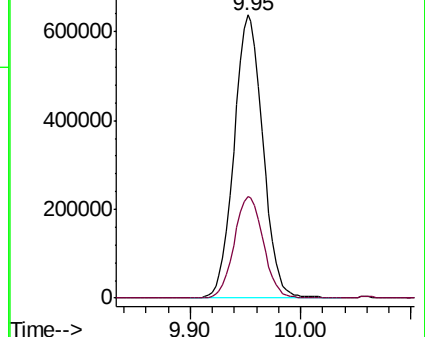
43 100

58 36.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.533 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063735.D

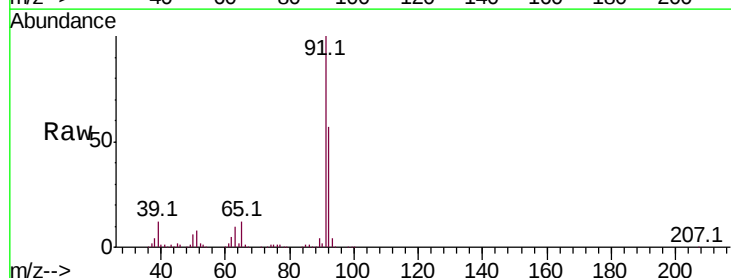
Acq: 29 Sep 2020 18:39

Tgt Ion: 92 Resp: 393429

Ion Ratio Lower Upper

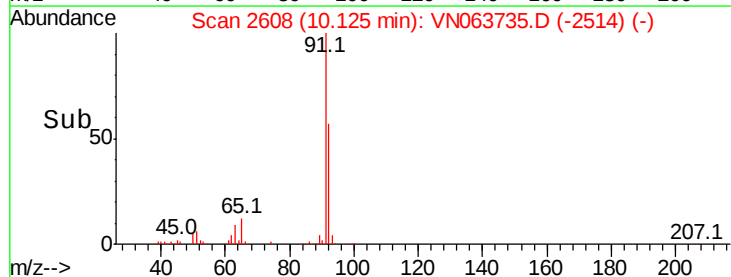
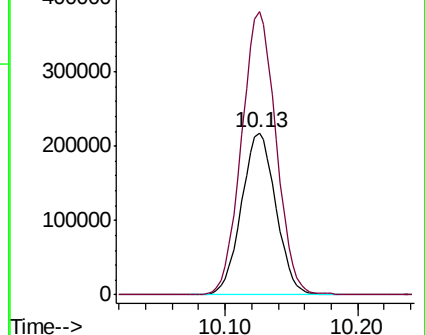
92 100

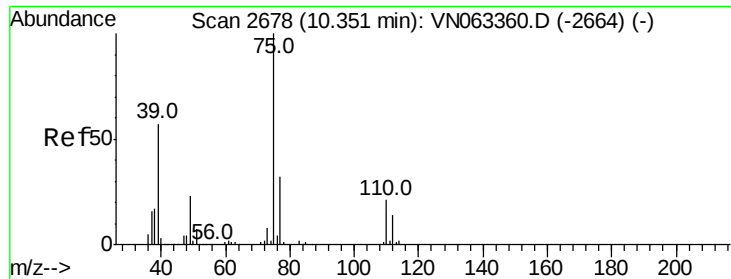
91 175.1 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 48.394 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

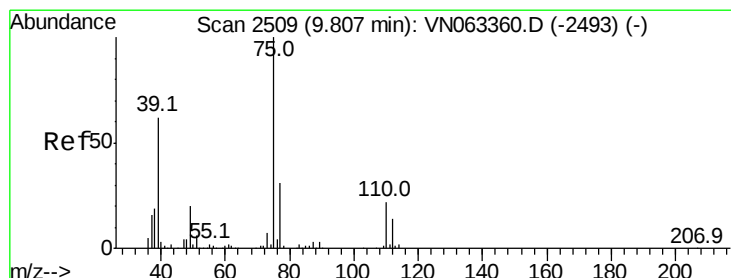
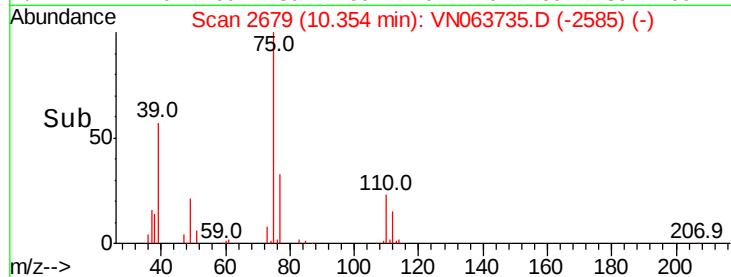
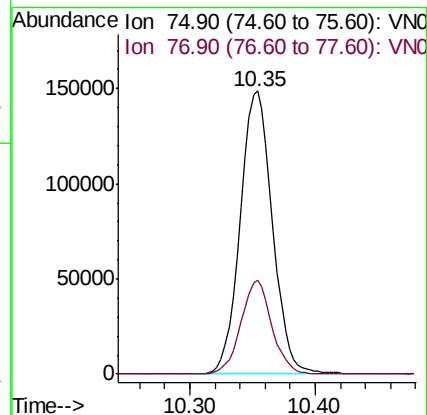
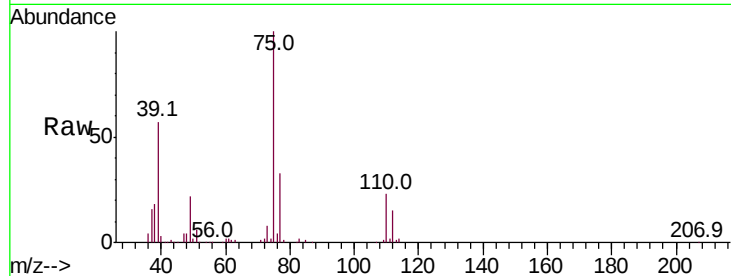
VSTDCCC050EC

Tot Ion: 75 Resp: 265421

Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 47.047 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

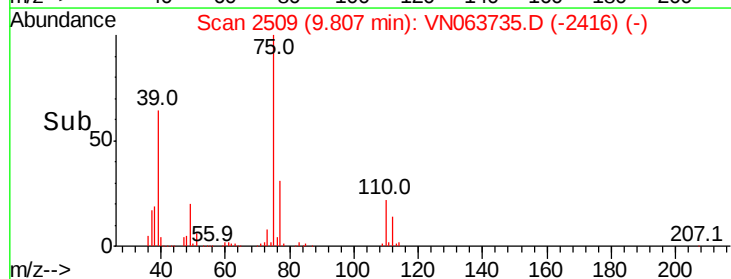
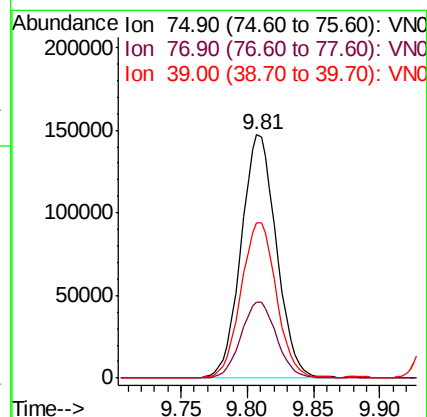
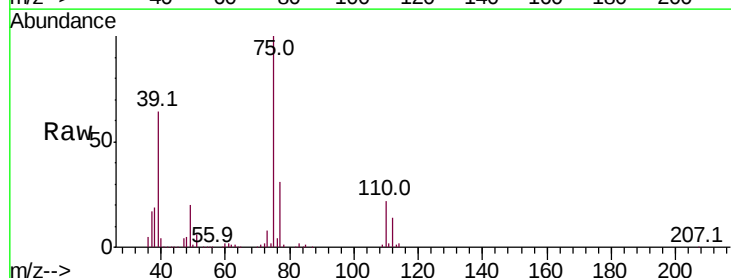
Tgt Ion: 75 Resp: 272178

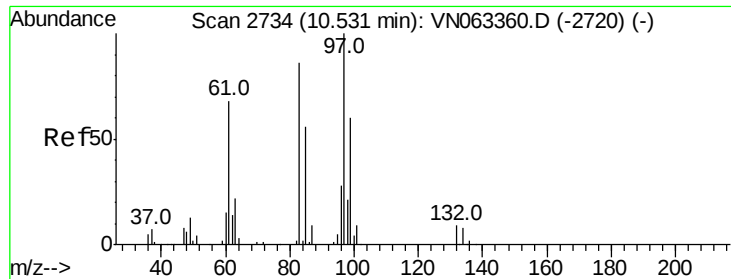
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

39 63.5 49.8 74.8

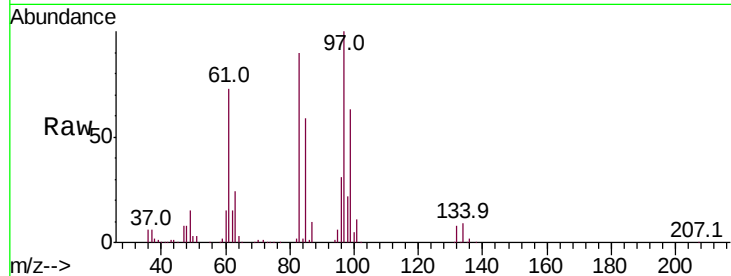




#55
 1,1,2-Trichloroethane
 Concen: 49.690 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063735.D
 Acq: 29 Sep 2020 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	156766
Ion	Ratio	Lower	Upper
97	100		
83	89.7	68.9	103.3
85	59.2	44.8	67.2
99	63.4	47.8	71.8



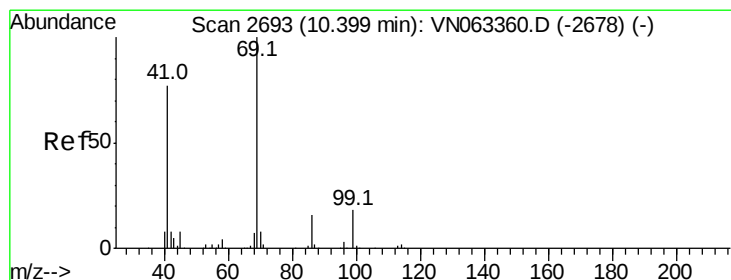
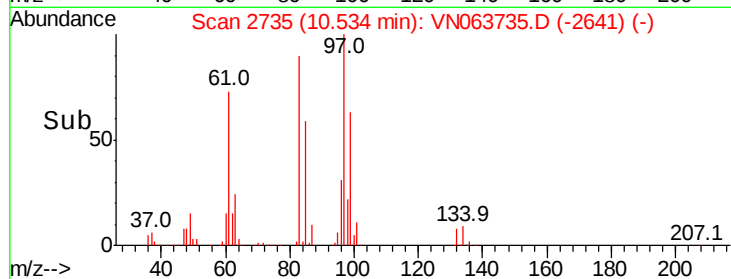
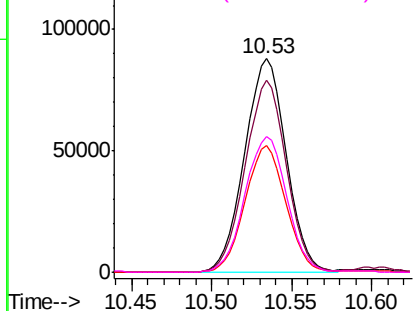
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

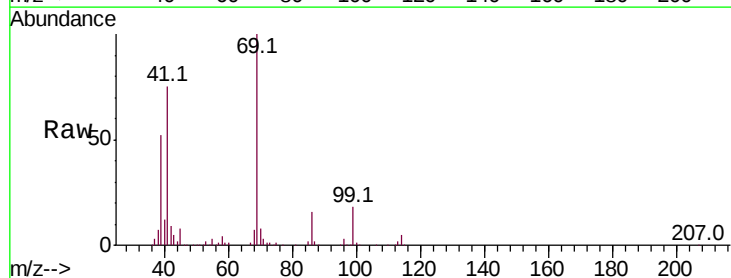
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 49.429 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063735.D
 Acq: 29 Sep 2020 18:39

Tgt Ion:	69	Resp:	243445
Ion	Ratio	Lower	Upper
69	100		
41	75.2	61.0	91.6
39	51.1	39.2	58.8

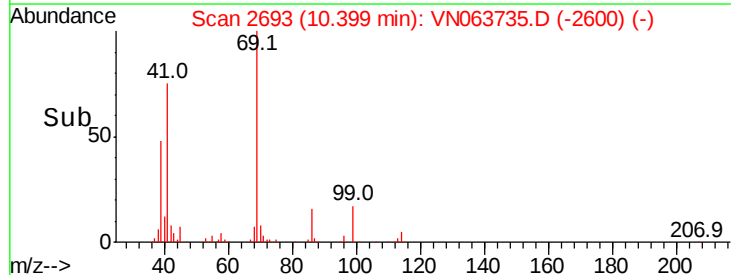
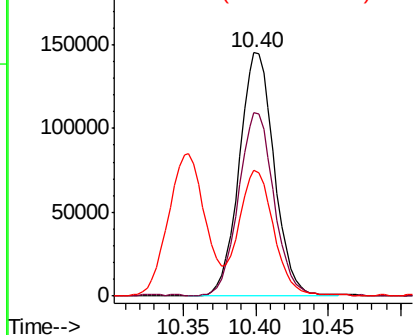


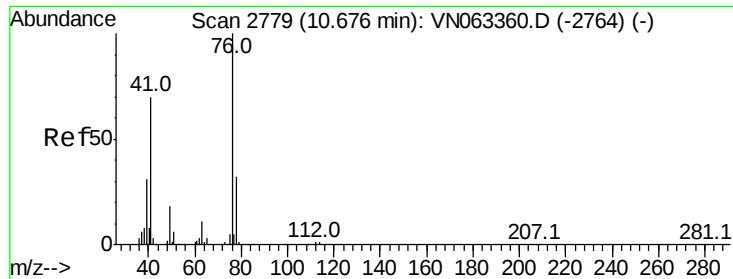
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 48.584 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

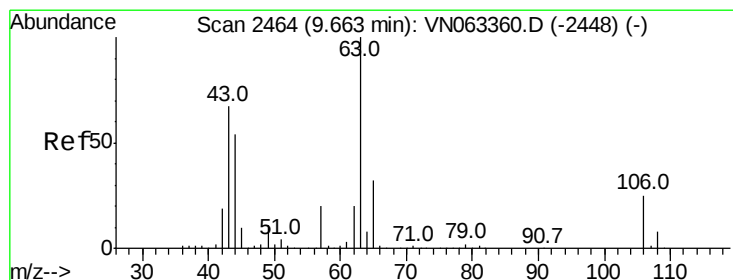
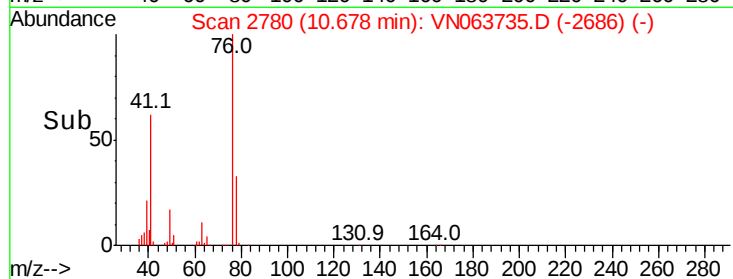
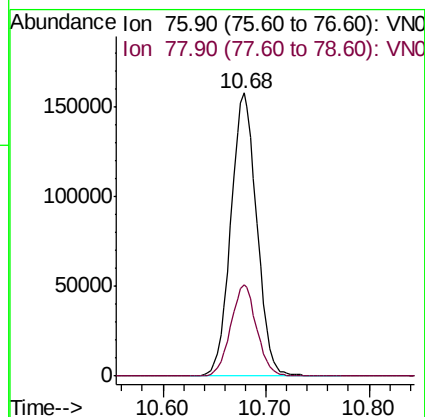
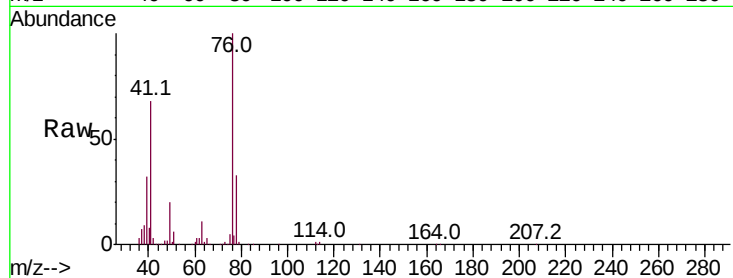
VSTDCCC050EC

Tot Ion: 76 Resp: 276410

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 239.538 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063735.D

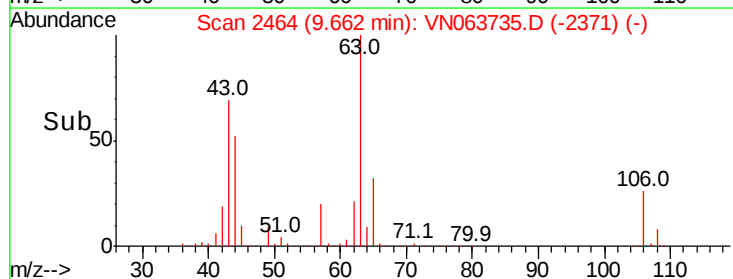
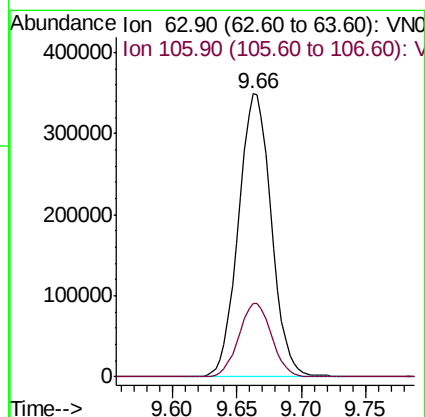
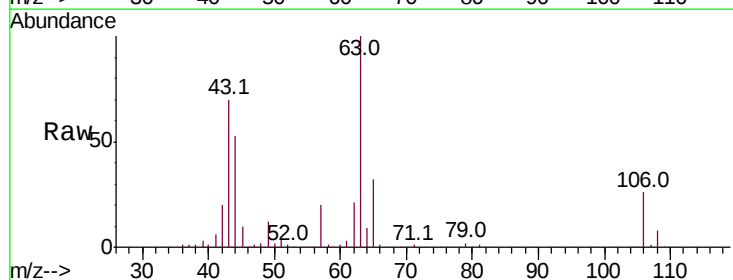
Acq: 29 Sep 2020 18:39

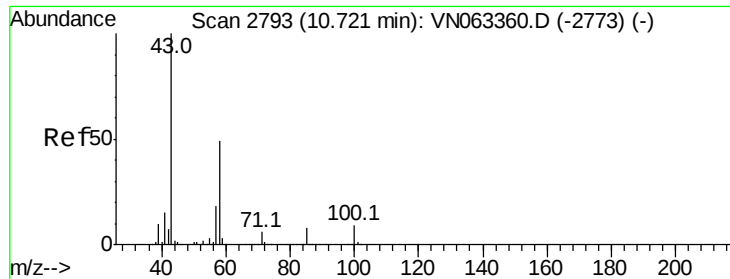
Tgt Ion: 63 Resp: 618875

Ion Ratio Lower Upper

63 100

106 26.1 19.5 29.3

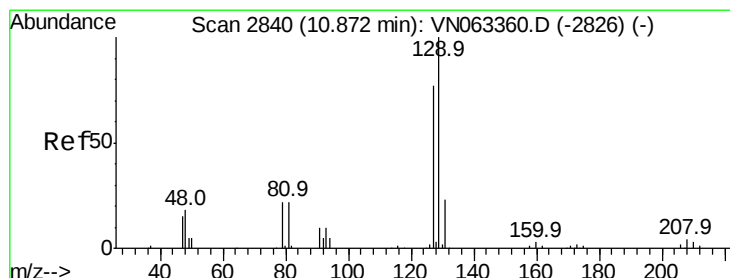
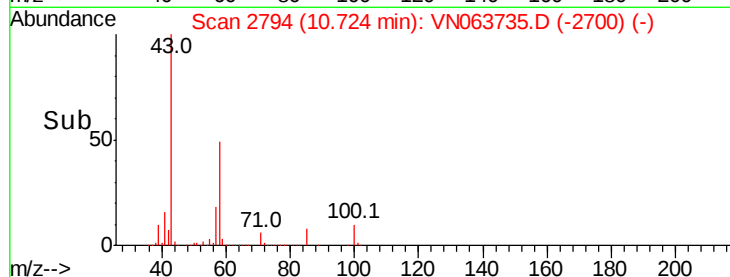
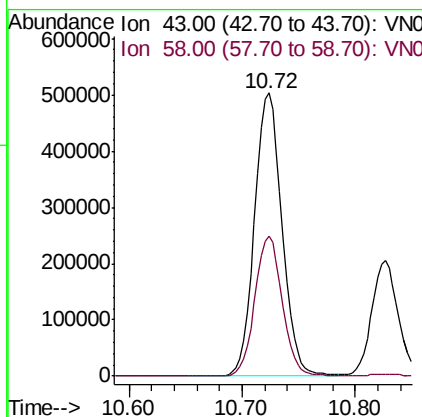
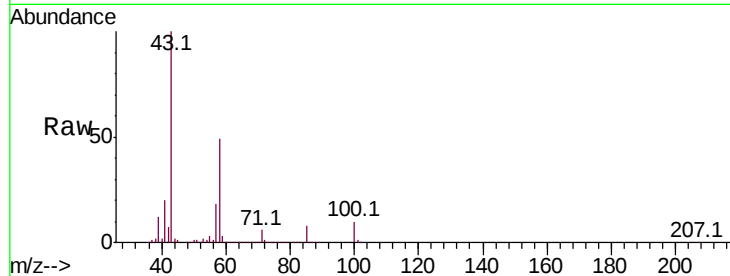




#59
2-Hexanone
Concen: 257.741 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

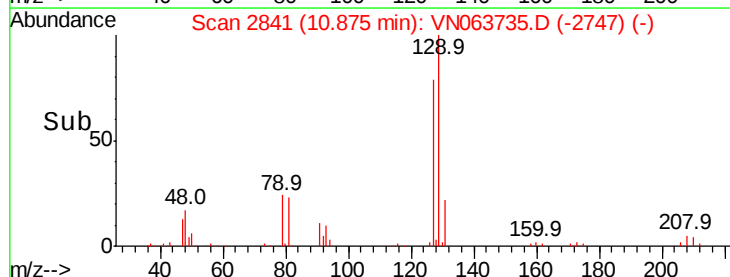
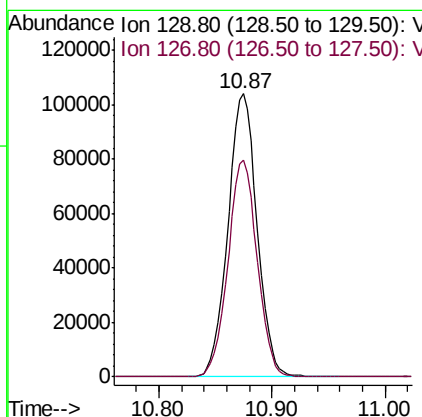
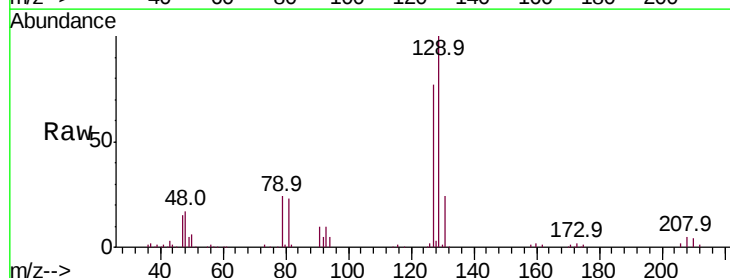
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

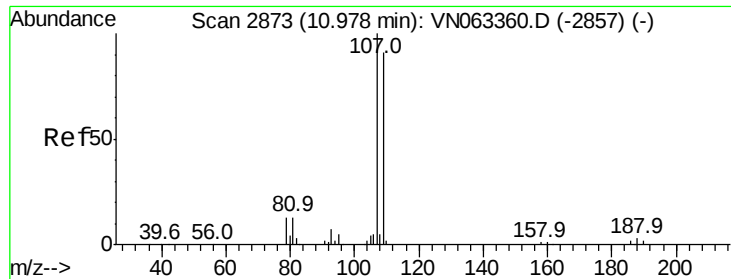
Tot Ion: 43 Resp: 848990
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1



#60
Dibromochloromethane
Concen: 52.255 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 129 Resp: 186245
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.3

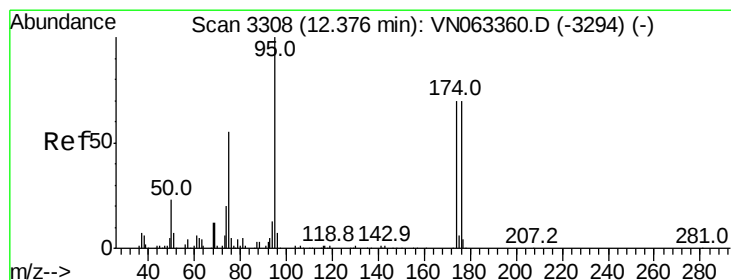
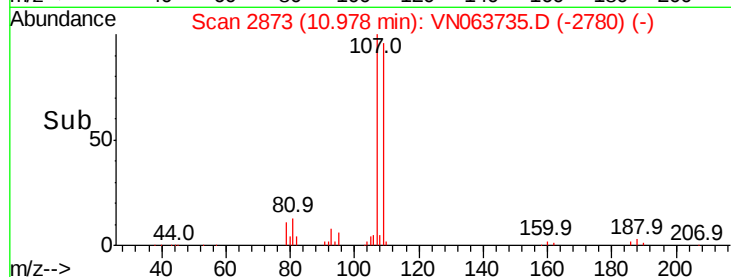
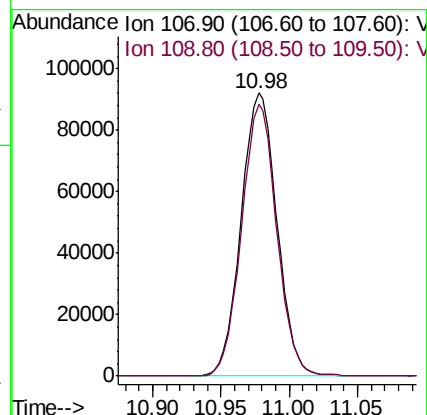
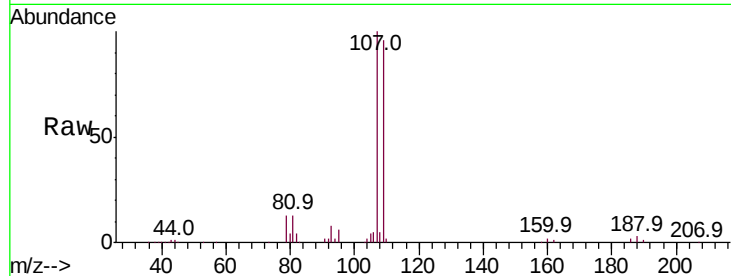




#61
1,2-Dibromoethane
Concen: 51.153 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

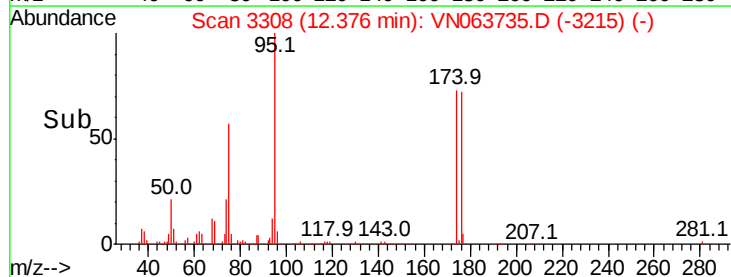
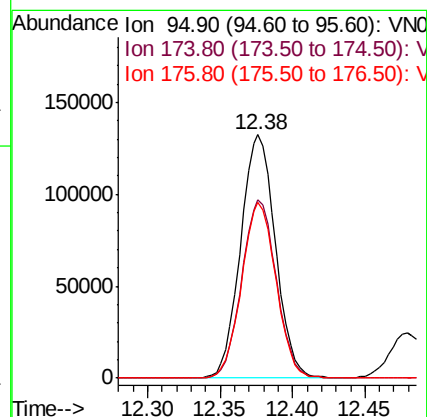
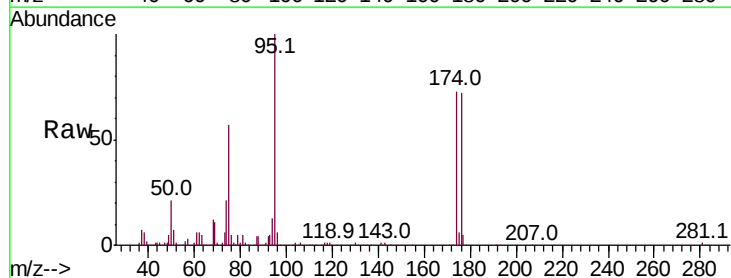
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

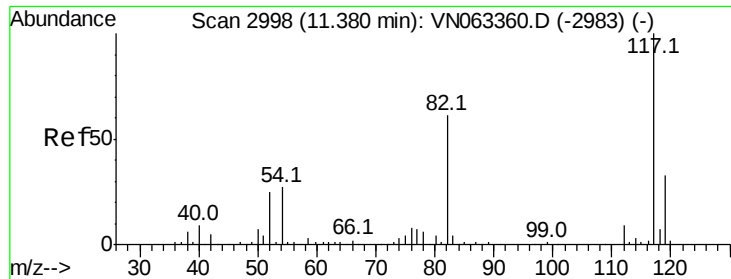
Tot Ion:107 Resp: 167662
Ion Ratio Lower Upper
107 100
109 94.5 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 53.264 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 95 Resp: 220787
Ion Ratio Lower Upper
95 100
174 73.1 0.0 140.8
176 71.5 0.0 137.6

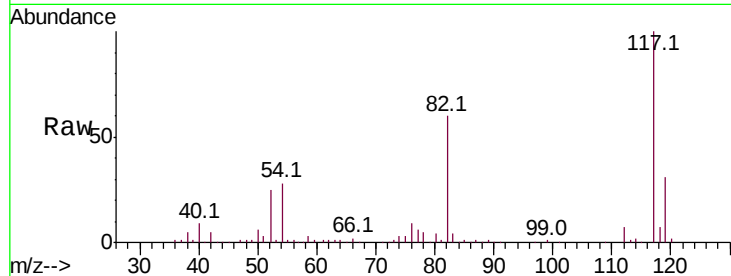




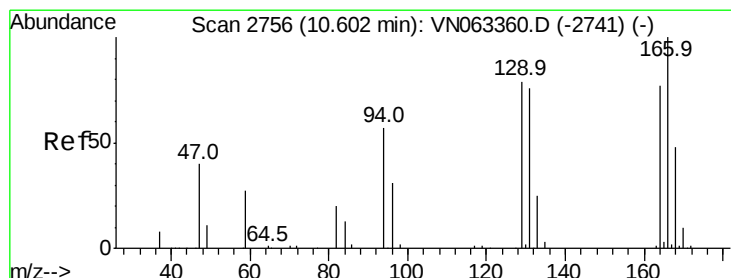
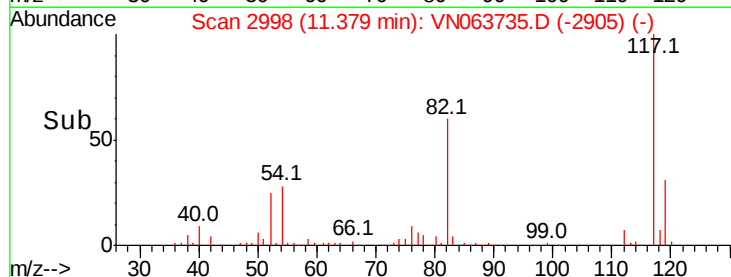
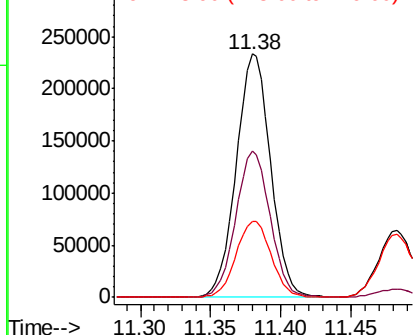
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 399464
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 31.3 26.2 39.4

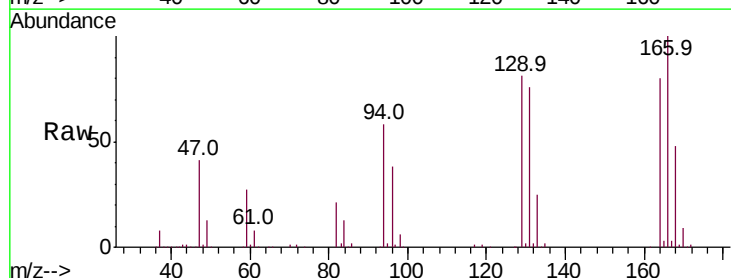


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

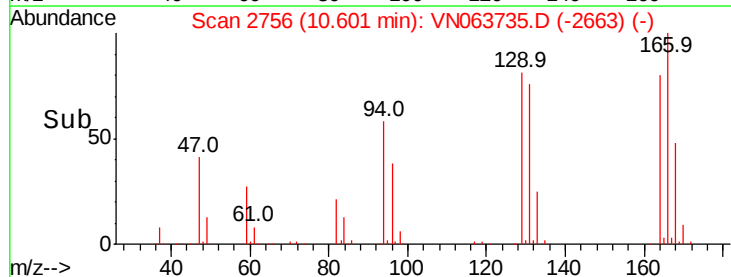
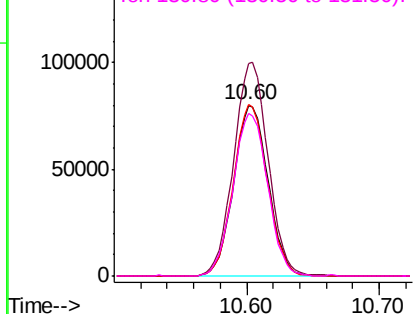


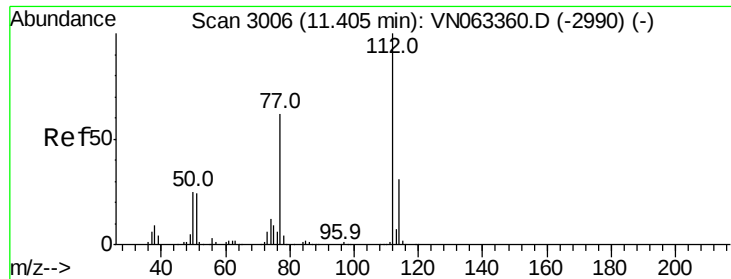
#64
Tetrachloroethene
Concen: 53.000 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion:164 Resp: 144164
Ion Ratio Lower Upper
164 100
166 125.0 103.4 155.0
129 100.9 81.8 122.6
131 95.6 78.2 117.4



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

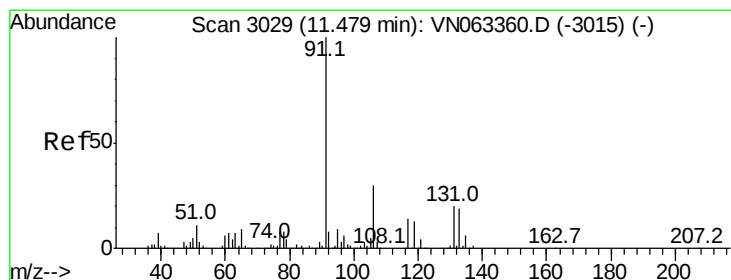
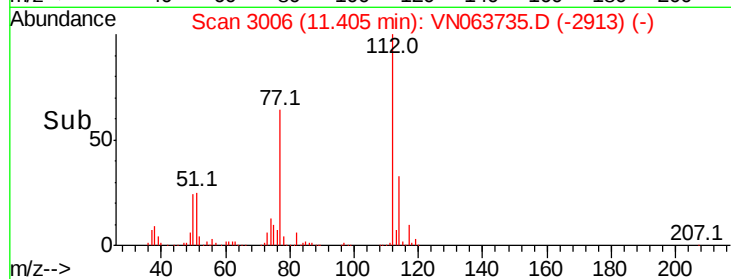
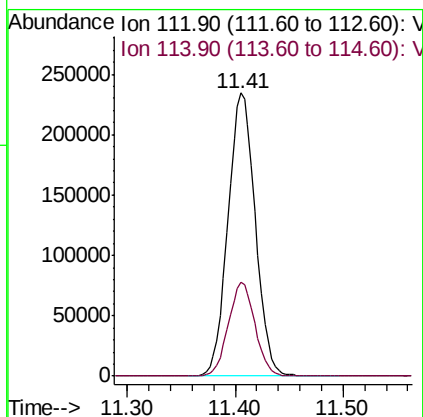
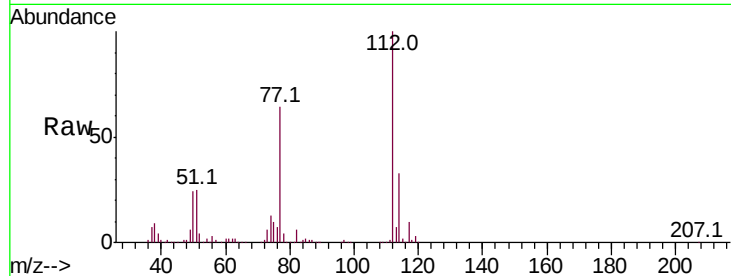




#65
Chlorobenzene
Concen: 48.935 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

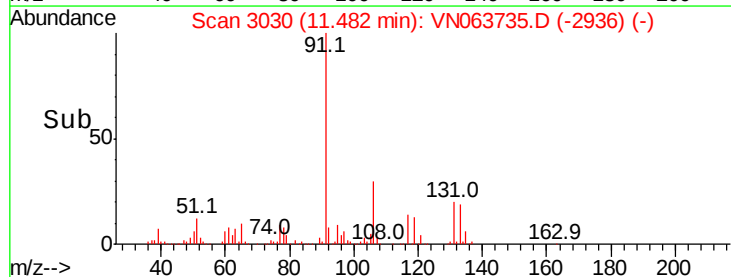
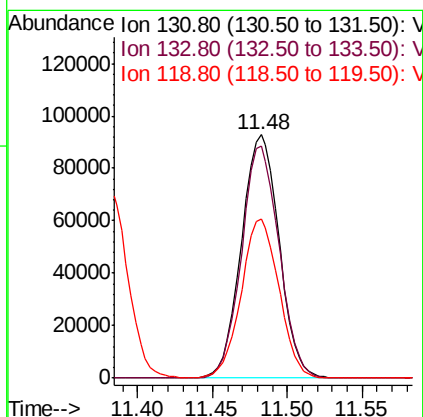
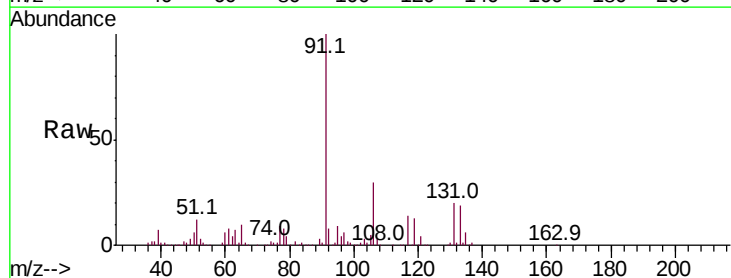
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

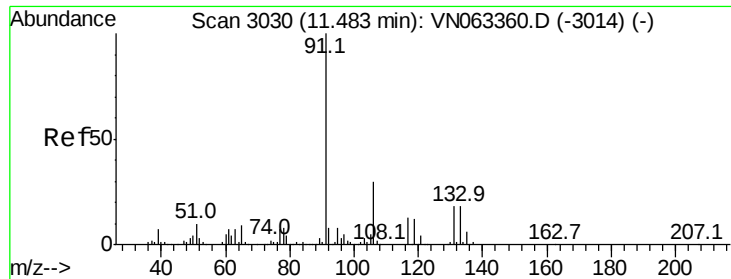
Tot Ion:112 Resp: 414945
Ion Ratio Lower Upper
112 100
114 33.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.591 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion:131 Resp: 163468
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 65.5 33.6 100.8





#67

Ethyl Benzene

Concen: 48.713 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

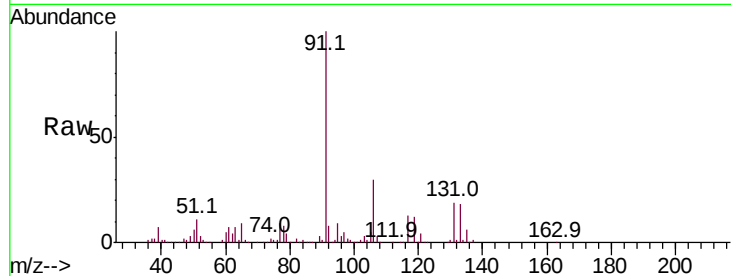
VSTDCCC050EC

Tot Ion: 91 Resp: 777881

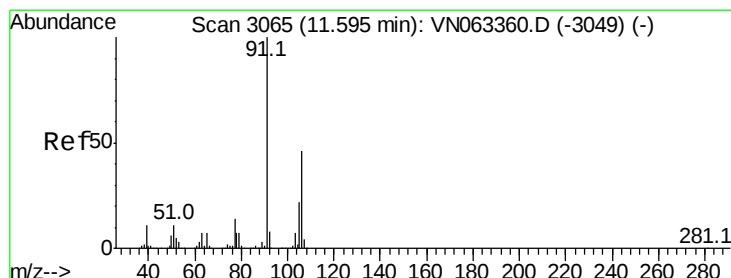
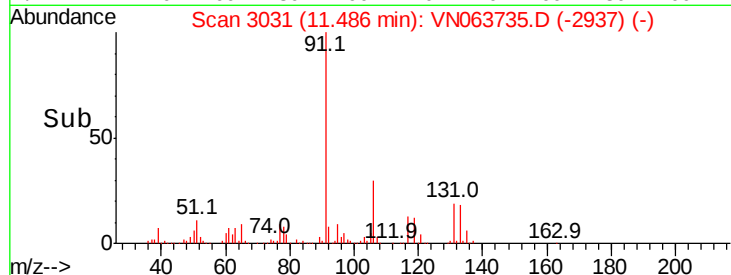
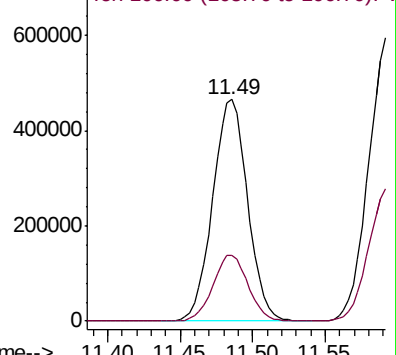
Ion Ratio Lower Upper

91 100

106 30.0 23.8 35.6



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



#68

m/p-Xylenes

Concen: 98.386 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063735.D

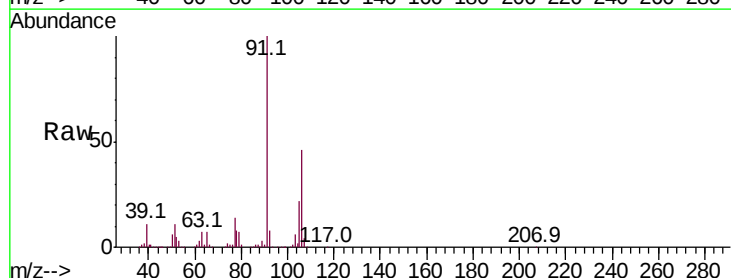
Acq: 29 Sep 2020 18:39

Tgt Ion:106 Resp: 566455

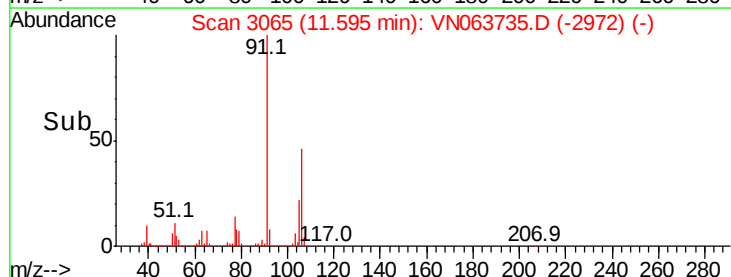
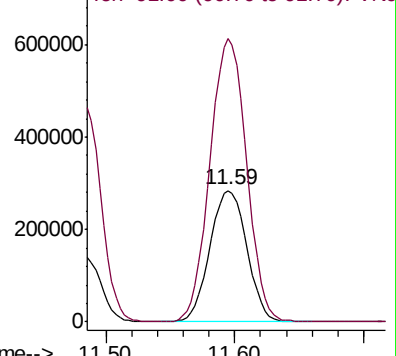
Ion Ratio Lower Upper

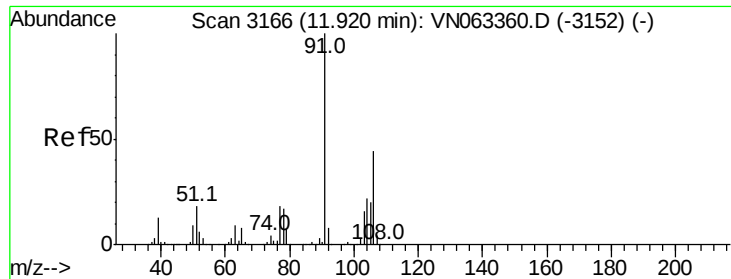
106 100

91 213.2 171.2 256.8



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

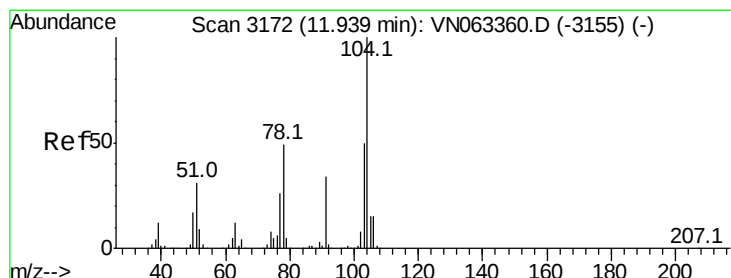
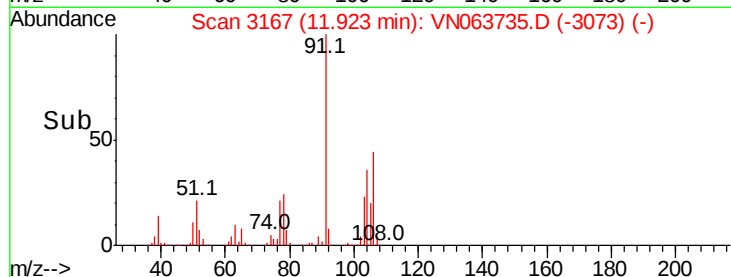
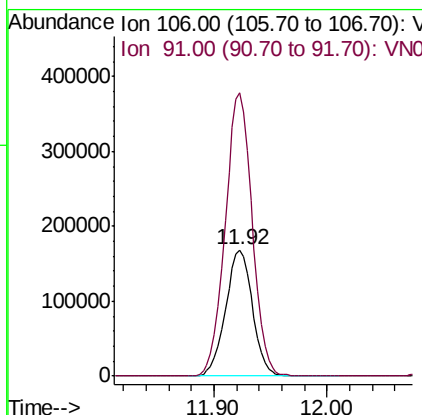
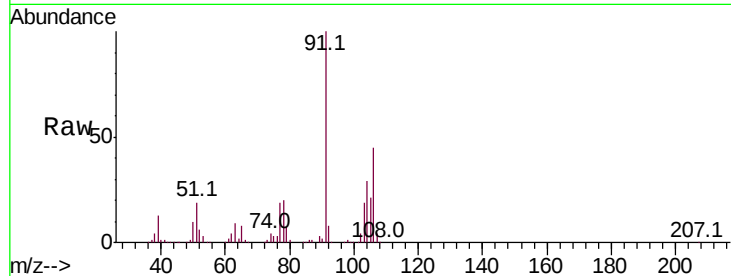




#69
o-Xylene
Concen: 50.782 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

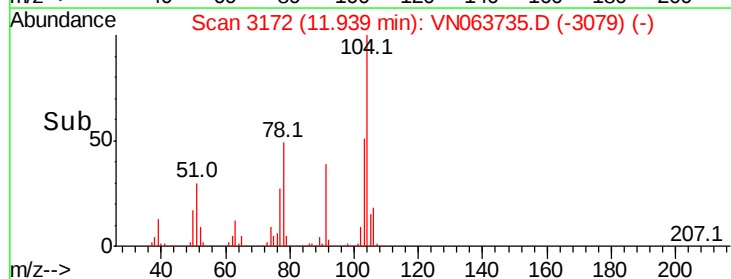
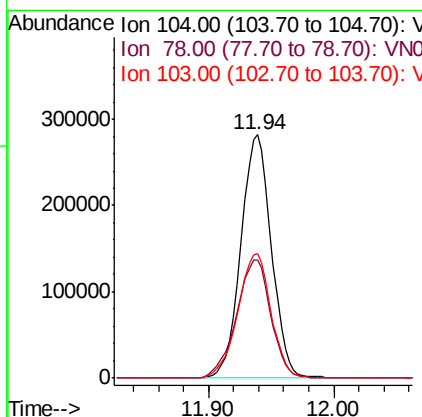
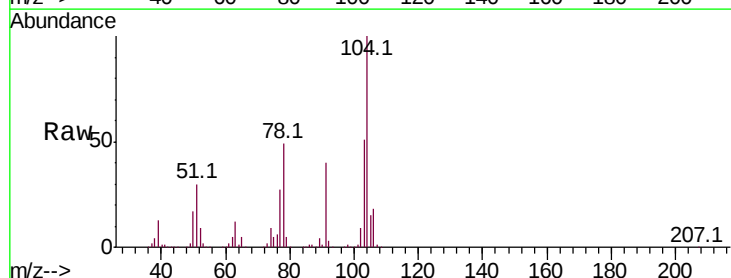
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

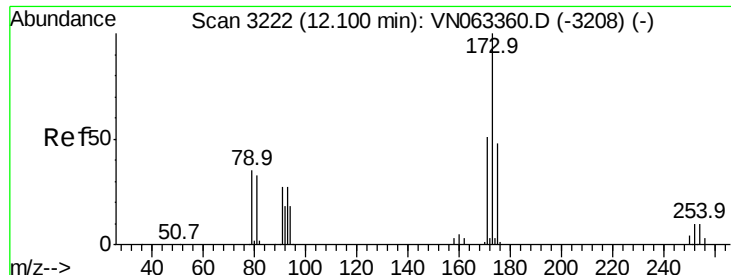
Tot Ion:106 Resp: 278516
Ion Ratio Lower Upper
106 100
91 224.8 113.6 340.8



#70
Styrene
Concen: 51.842 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion:104 Resp: 476815
Ion Ratio Lower Upper
104 100
78 54.7 44.4 66.6
103 55.7 43.7 65.5





#71

Bromoform

Concen: 54.411 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

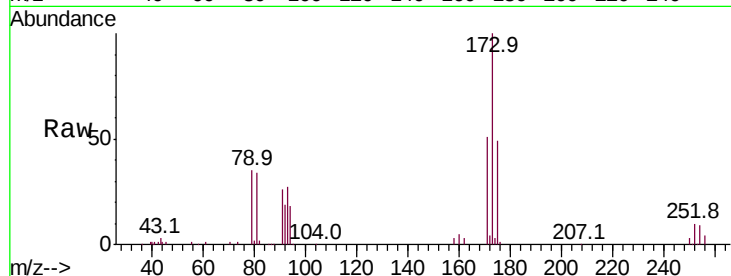
Tot Ion:173 Resp: 125992

Ion Ratio Lower Upper

173 100

175 49.1 24.0 72.0

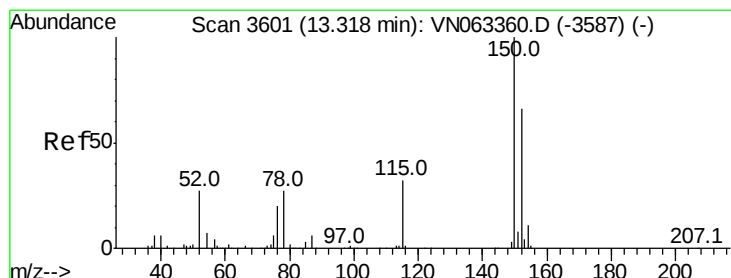
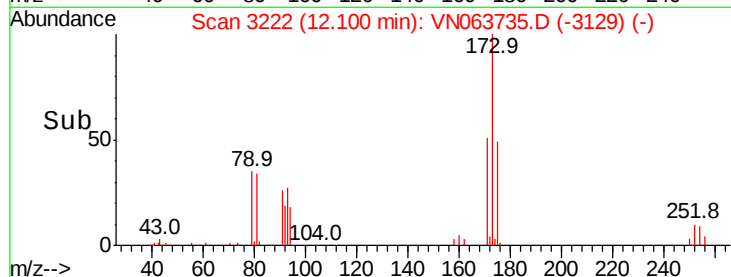
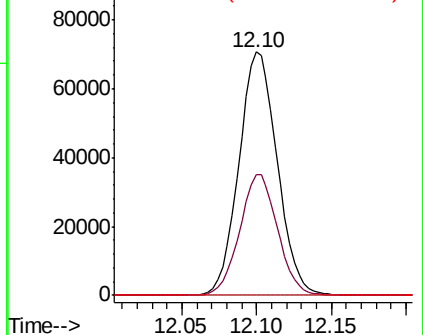
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

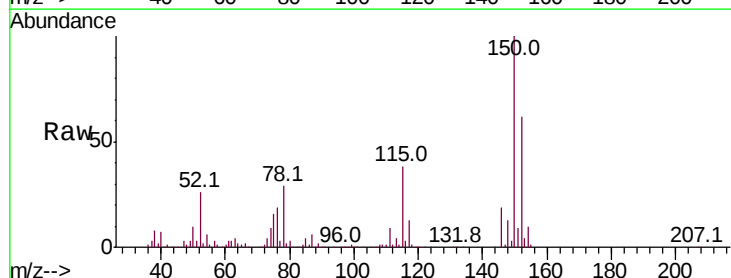
Tgt Ion:152 Resp: 201774

Ion Ratio Lower Upper

152 100

115 61.5 32.2 96.6

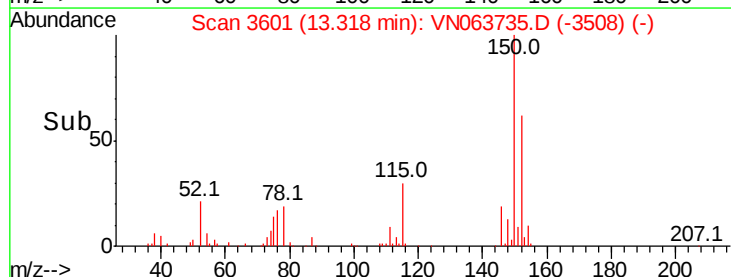
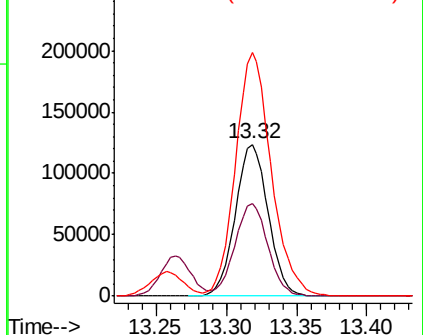
150 174.0 0.0 343.4

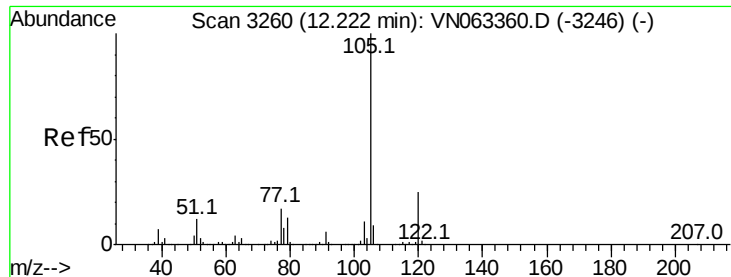


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.356 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

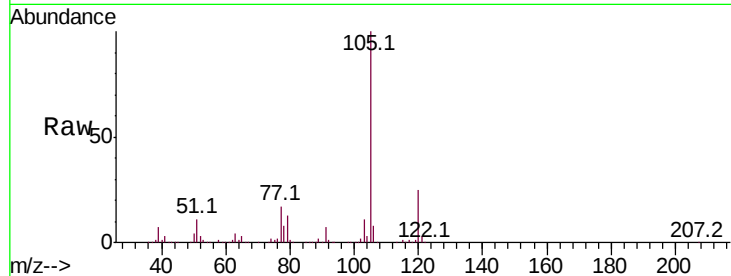
VSTDCCC050EC

Tot Ion:105 Resp: 749531

Ion Ratio Lower Upper

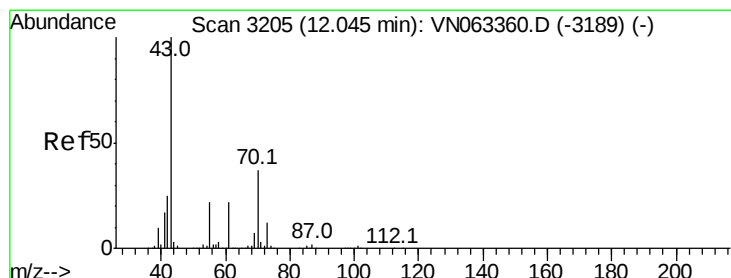
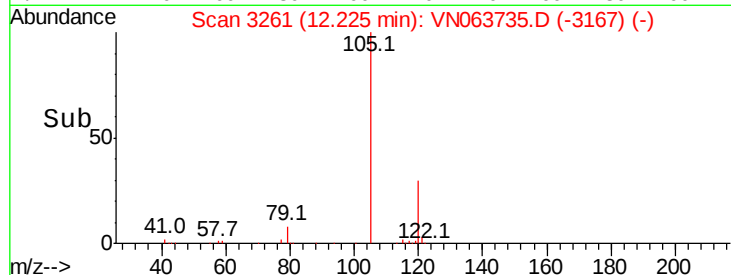
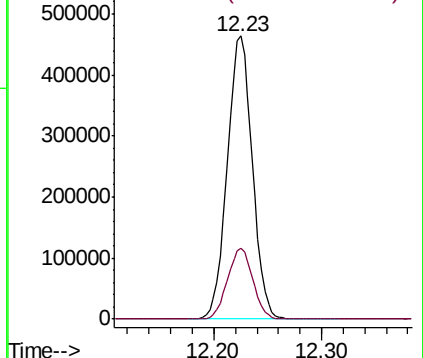
105 100

120 25.4 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.425 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Tgt Ion: 43 Resp: 347680

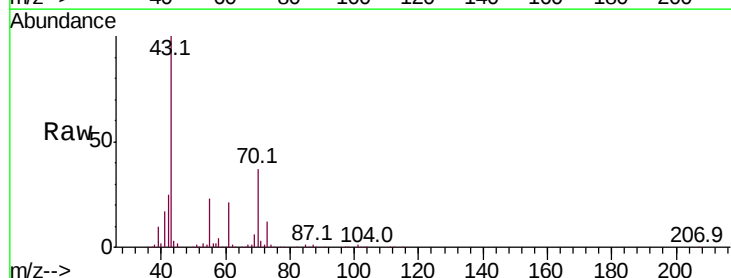
Ion Ratio Lower Upper

43 100

70 37.3 29.6 44.4

55 23.0 17.7 26.5

61 20.7 17.4 26.2

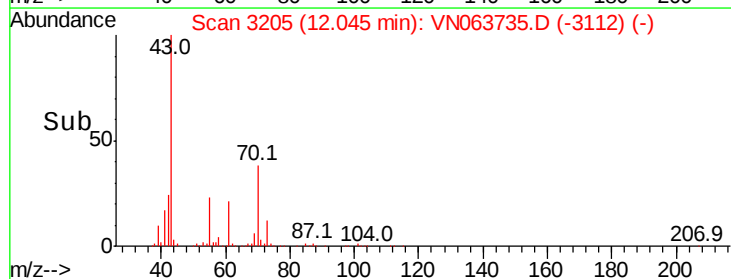
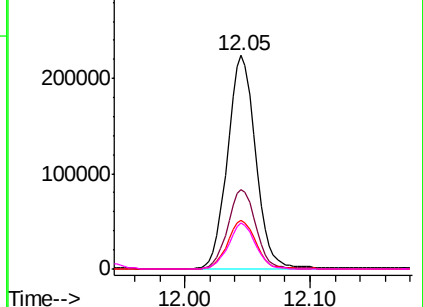


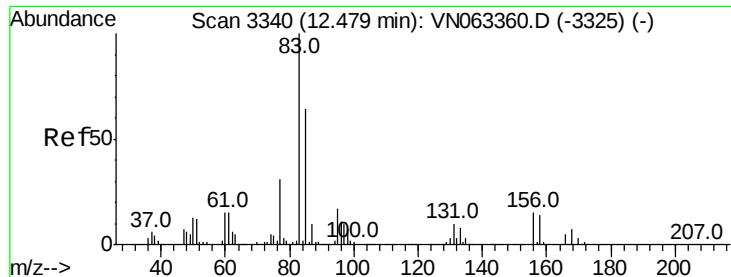
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.843 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

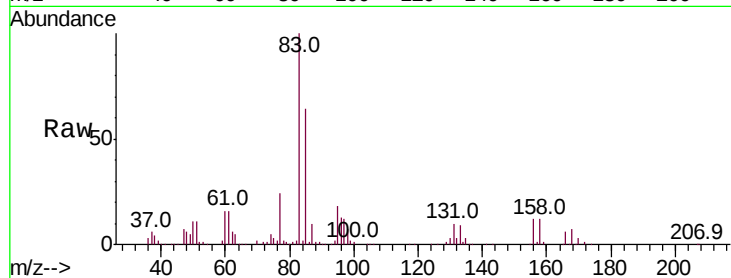
Tot Ion: 83 Resp: 234515

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	63.3	32.0	96.0

83 100

131 10.0 4.9 14.7

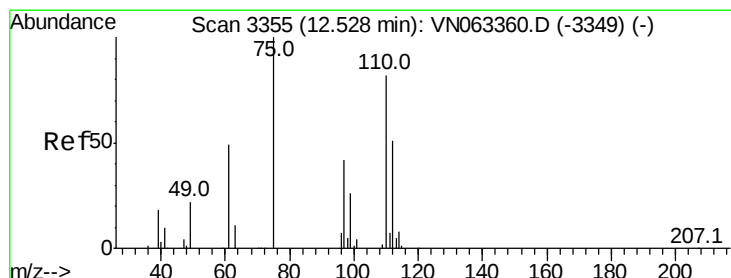
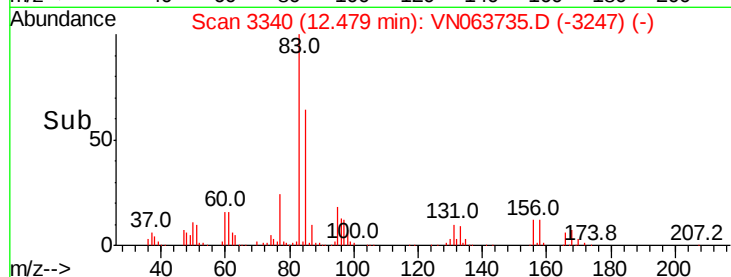
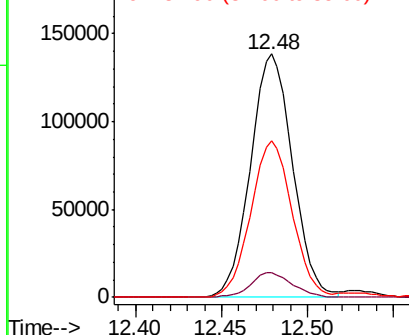
85 63.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063735.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063735.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063735.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 65.329 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063735.D

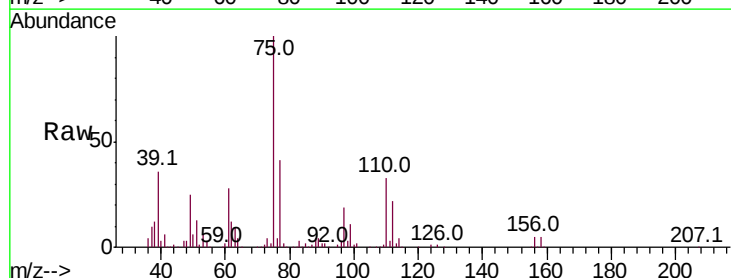
Acq: 29 Sep 2020 18:39

Tgt Ion: 75 Resp: 326266

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

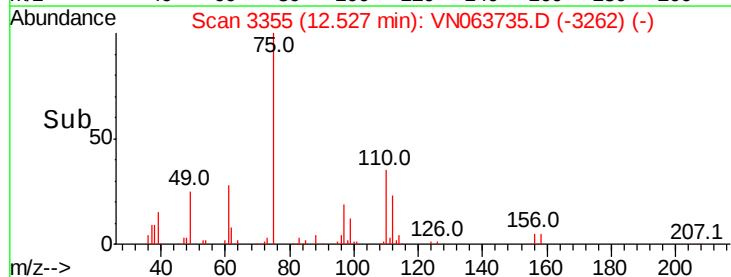
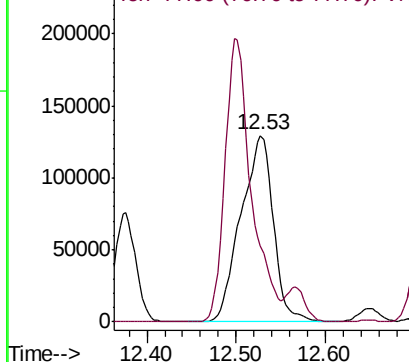
75 100

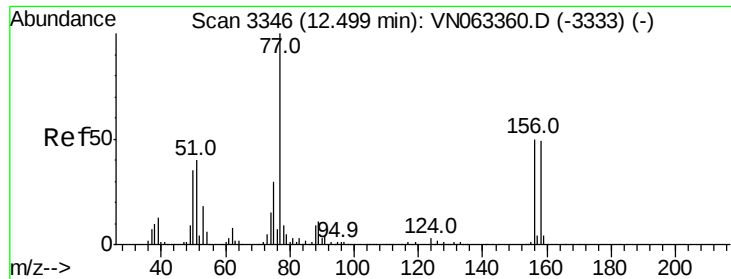
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063735.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063735.D (-3262) (-)

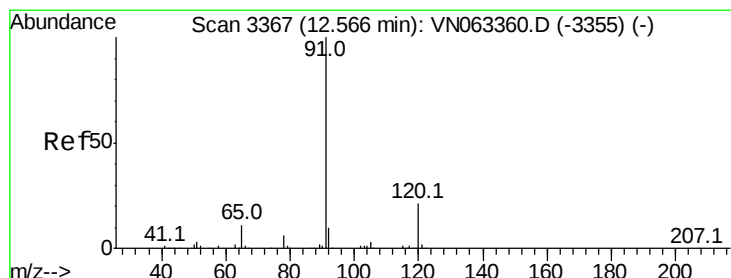
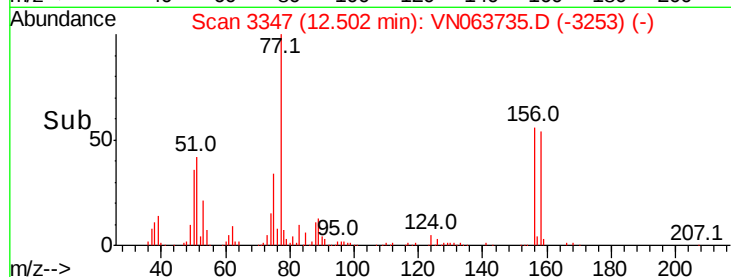
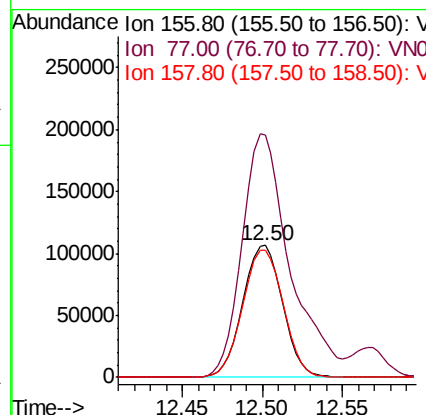
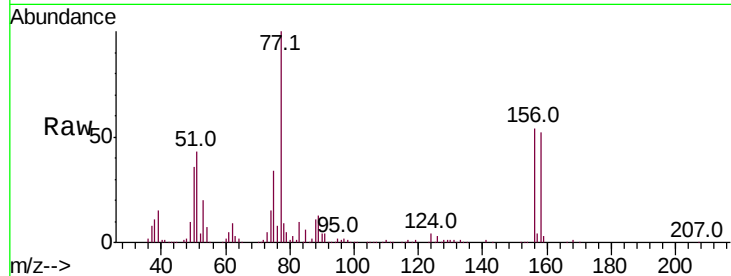




#77
Bromobenzene
Concen: 49.813 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

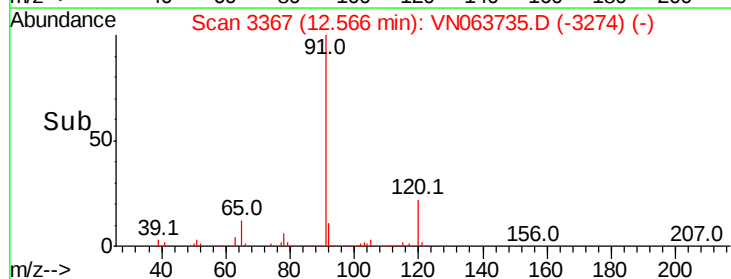
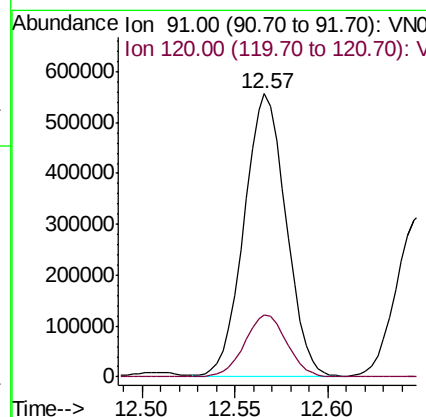
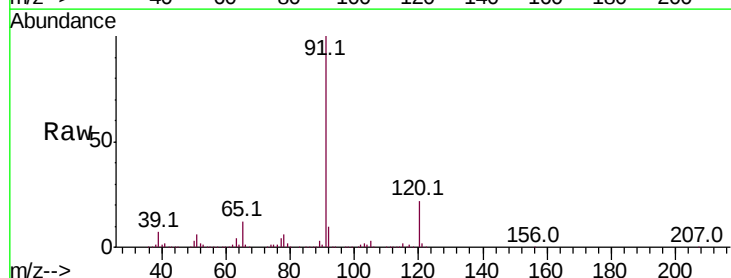
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

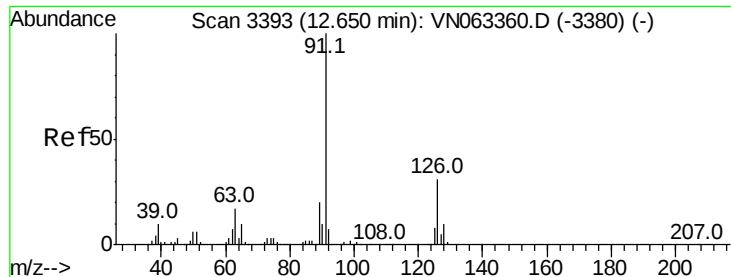
Tot Ion:156 Resp: 181176
Ion Ratio Lower Upper
156 100
77 222.4 120.2 360.6
158 98.8 48.9 146.6



#78
n-propylbenzene
Concen: 45.979 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 91 Resp: 865891
Ion Ratio Lower Upper
91 100
120 22.4 10.8 32.3





#79

2-Chlorotoluene

Concen: 46.839 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

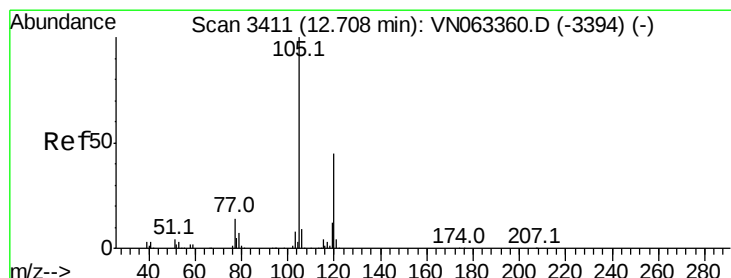
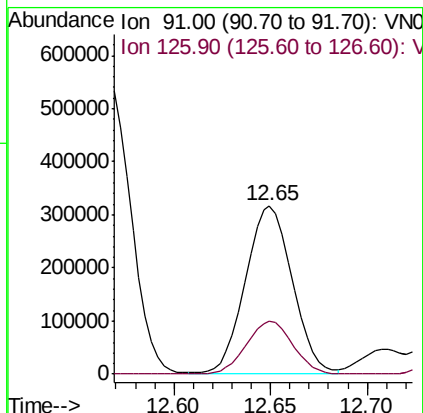
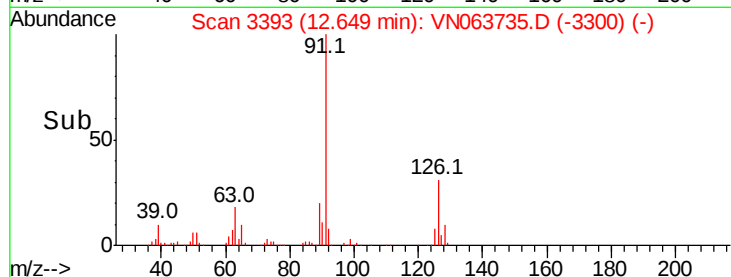
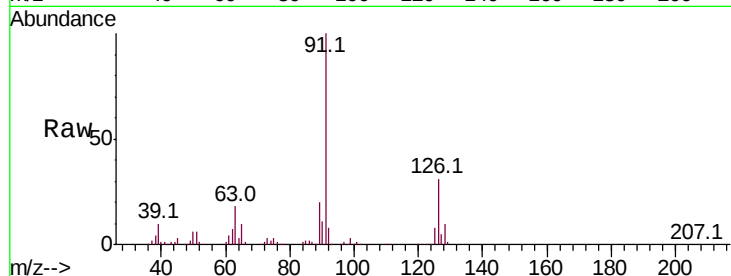
VSTDCCC050EC

Tot Ion: 91 Resp: 528767

Ion Ratio Lower Upper

91 100

126 31.6 15.8 47.3



#80

1,3,5-Trimethylbenzene

Concen: 47.476 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063735.D

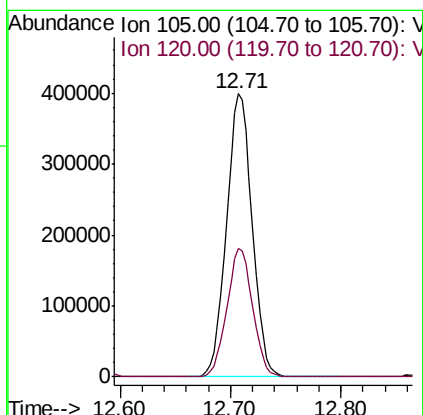
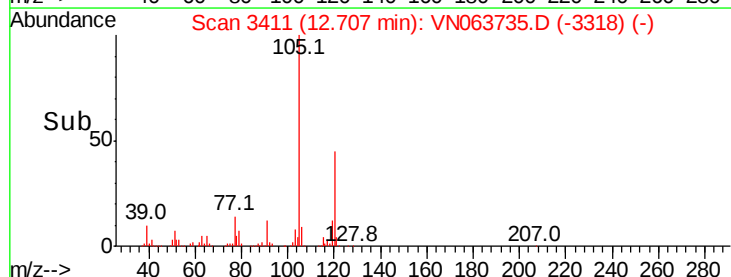
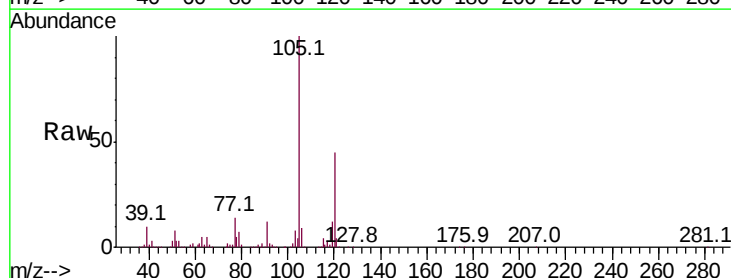
Acq: 29 Sep 2020 18:39

Tgt Ion: 105 Resp: 640113

Ion Ratio Lower Upper

105 100

120 45.5 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.611 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

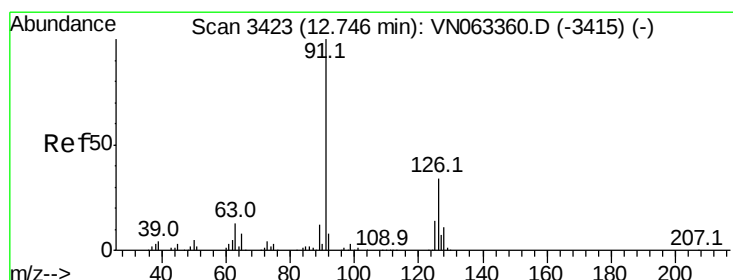
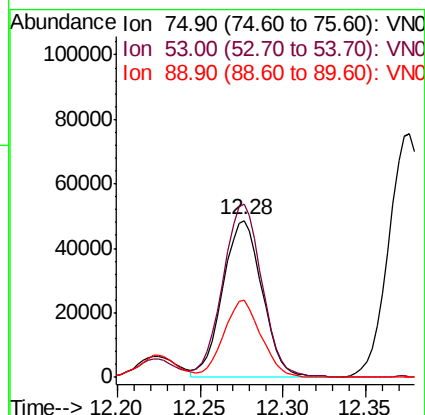
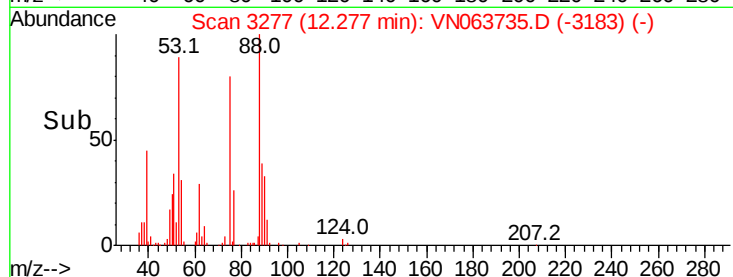
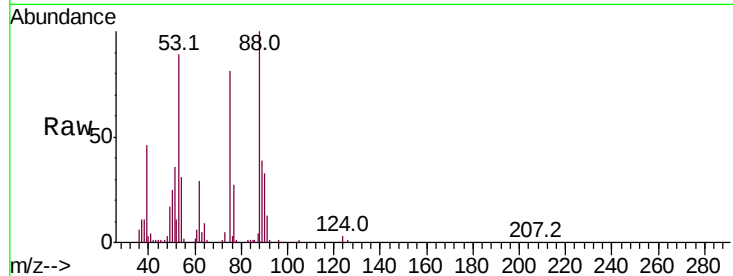
Tot Ion: 75 Resp: 79443

Ion Ratio Lower Upper

75 100

53 111.0 85.7 128.5

89 47.3 38.0 57.0



#82

4-Chlorotoluene

Concen: 46.109 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063735.D

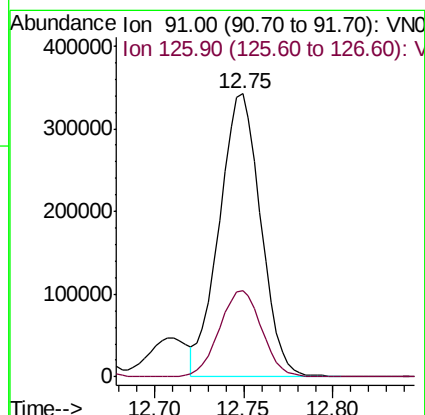
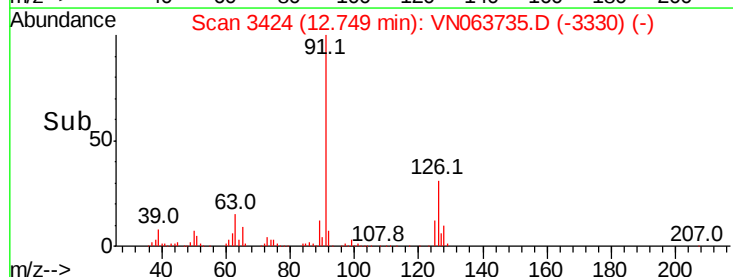
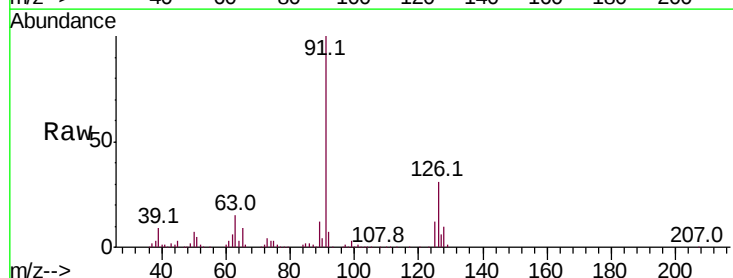
Acq: 29 Sep 2020 18:39

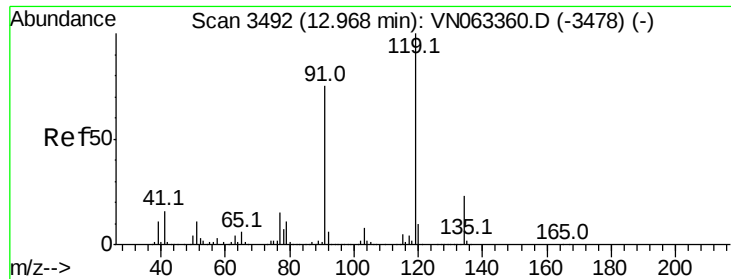
Tgt Ion: 91 Resp: 549976

Ion Ratio Lower Upper

91 100

126 31.2 15.5 46.5





#83

tert-Butylbenzene

Concen: 46.707 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

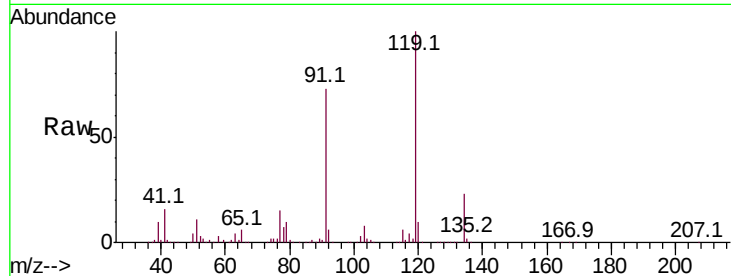
Tot Ion:119 Resp: 519755

Ion Ratio Lower Upper

119 100

91 71.1 36.3 108.9

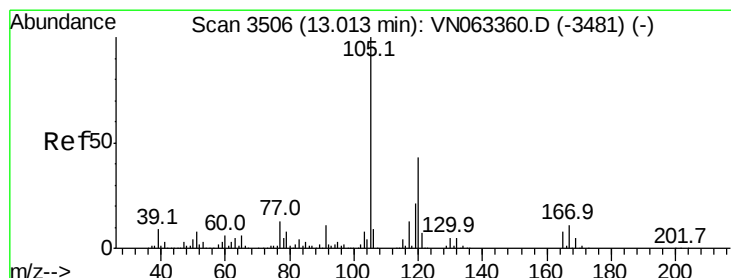
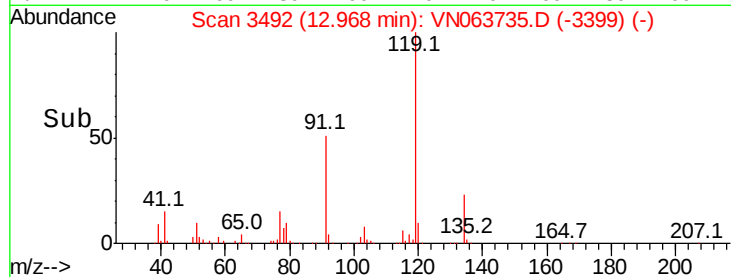
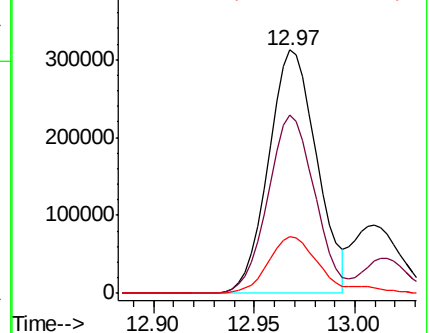
134 25.4 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.125 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063735.D

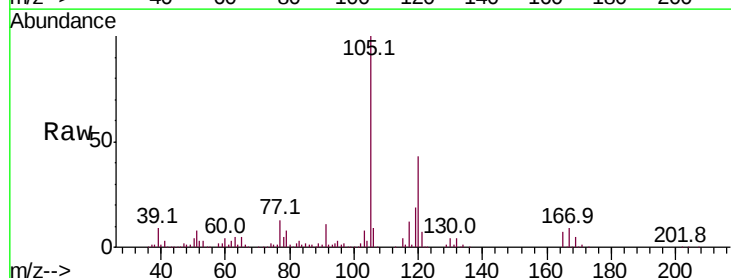
Acq: 29 Sep 2020 18:39

Tgt Ion:105 Resp: 641785

Ion Ratio Lower Upper

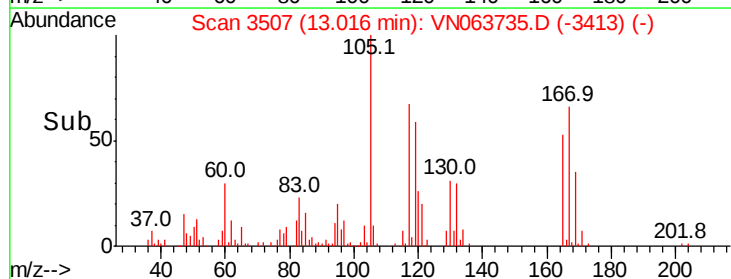
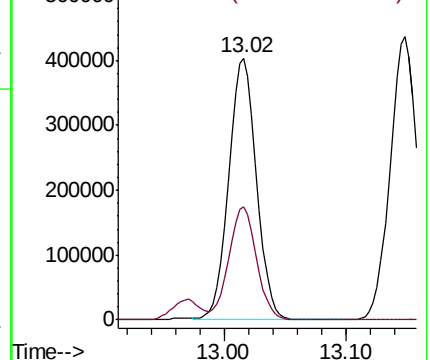
105 100

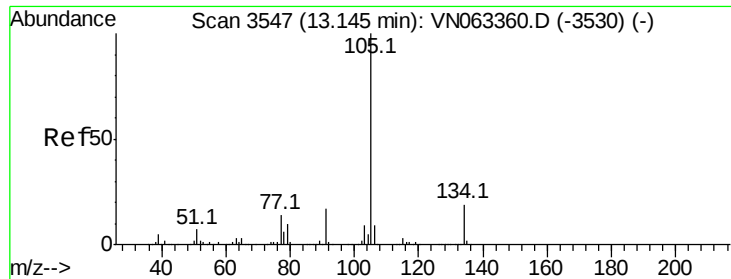
120 43.2 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

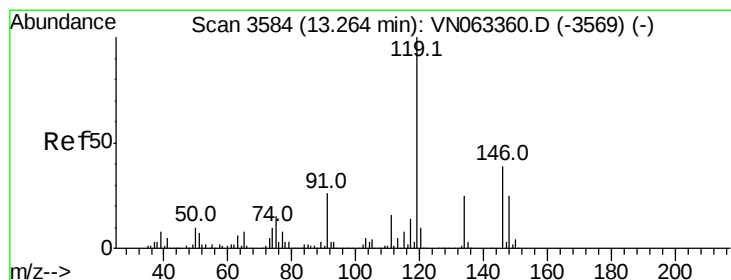
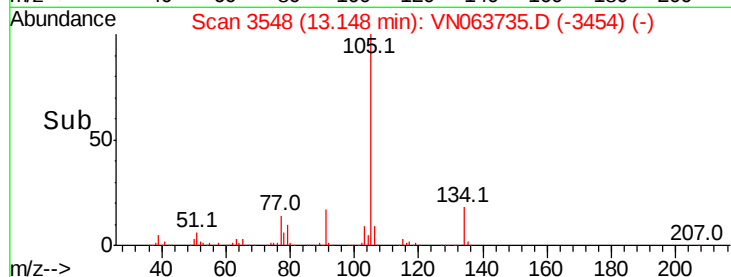
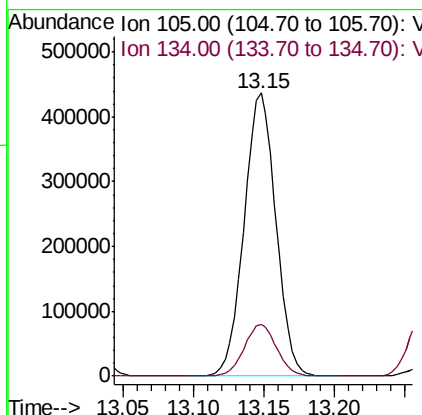
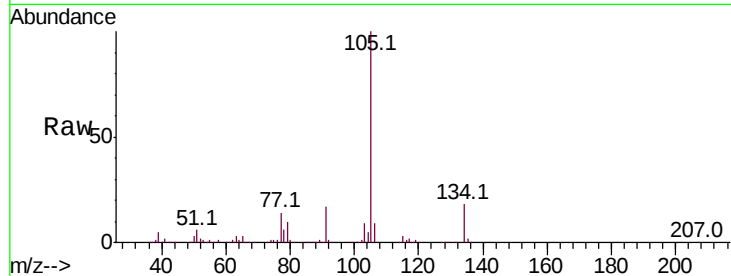




#85
 sec-Butylbenzene
 Concen: 46.276 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063735.D
 Acq: 29 Sep 2020 18:39

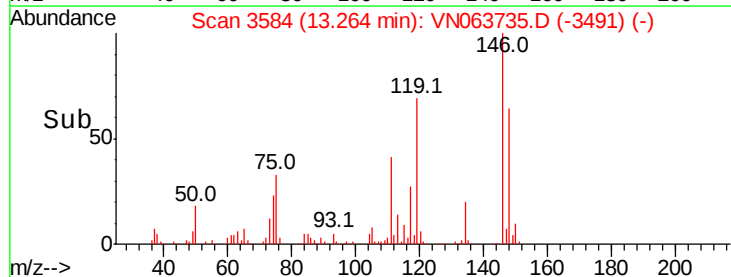
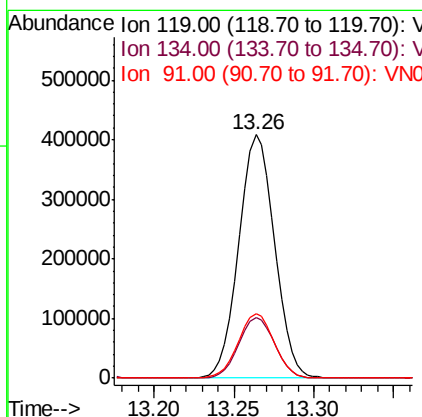
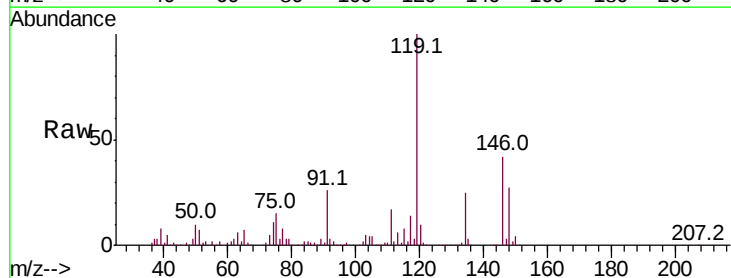
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

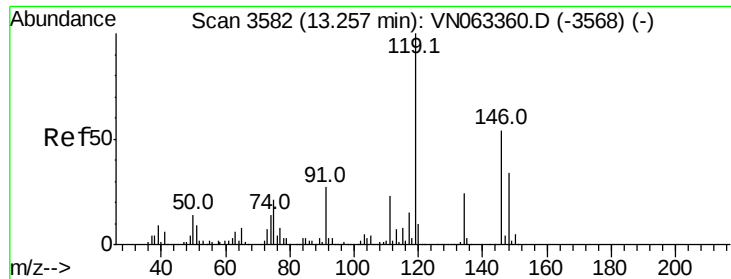
Tot Ion:105 Resp: 689300
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 47.169 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063735.D
 Acq: 29 Sep 2020 18:39

Tgt Ion:119 Resp: 619713
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 26.5 13.4 40.1

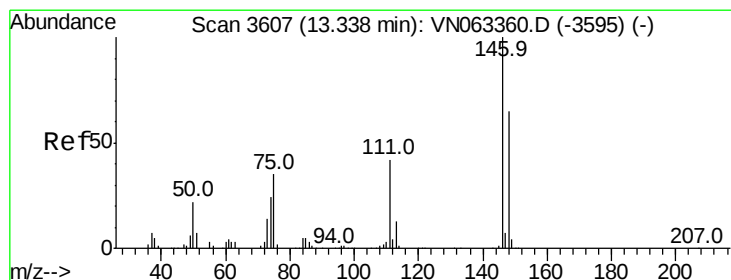
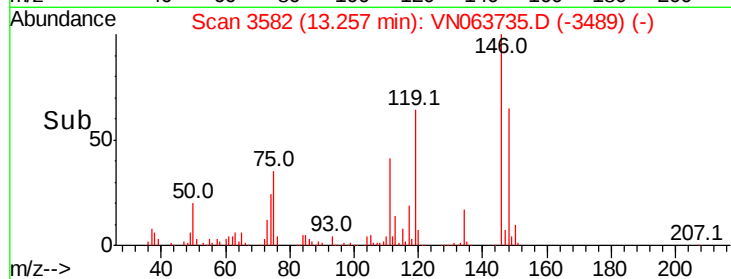
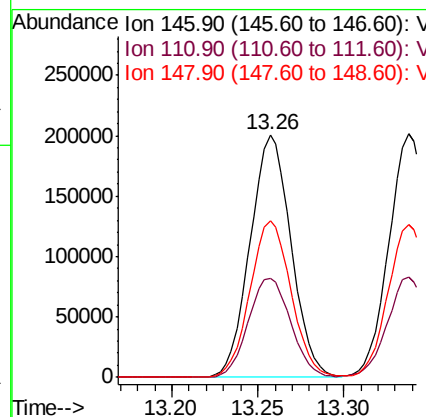
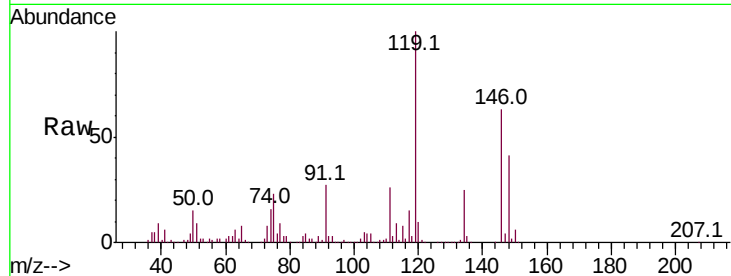




#87
 1,3-Dichlorobenzene
 Concen: 49.120 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063735.D
 Acq: 29 Sep 2020 18:39

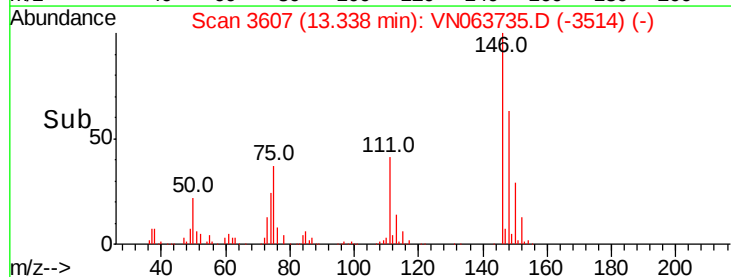
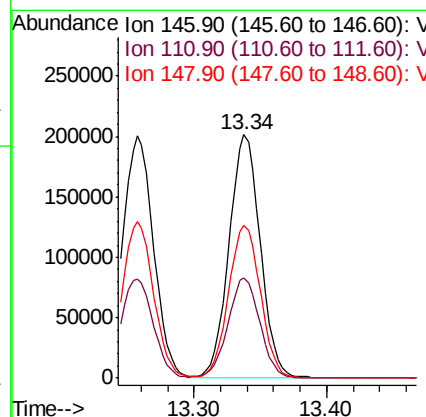
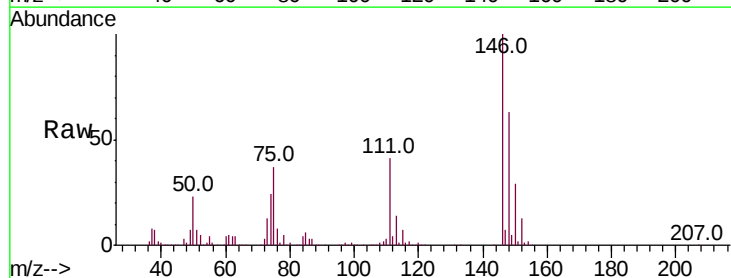
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

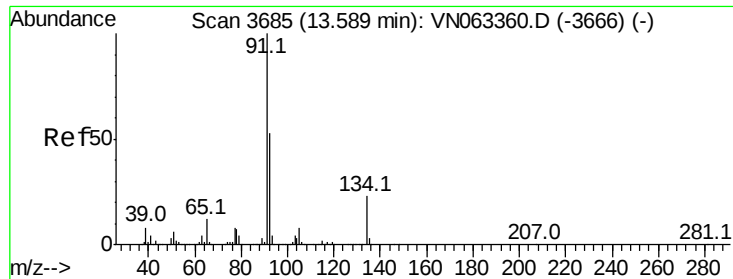
Tot Ion:146 Resp: 331132
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.4 64.3
 148 64.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.058 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063735.D
 Acq: 29 Sep 2020 18:39

Tgt Ion:146 Resp: 329381
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.2 63.6
 148 64.2 31.9 95.9

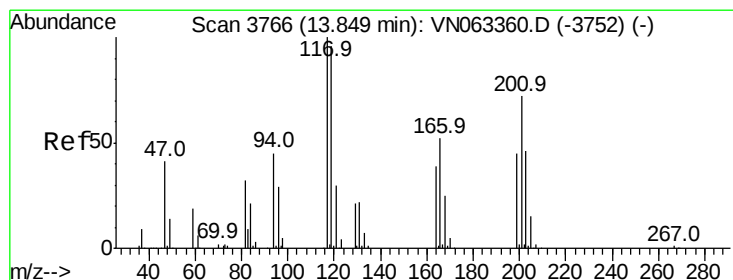
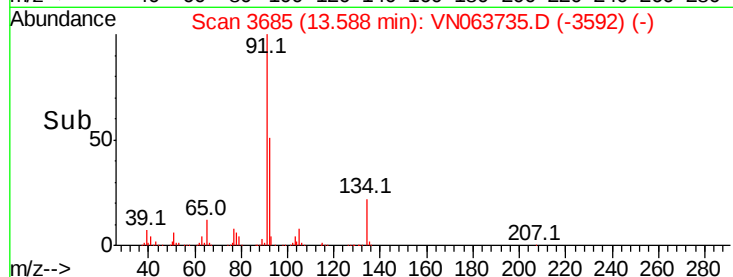
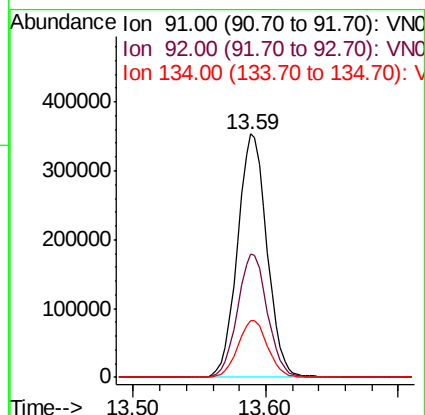
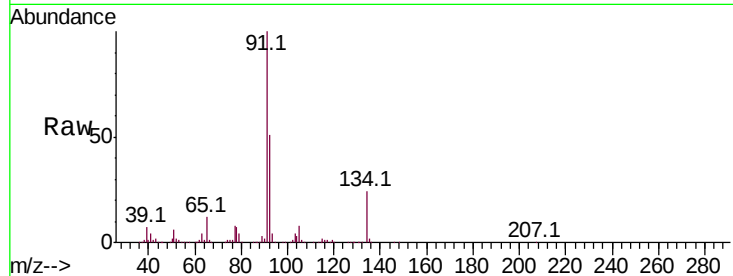




#89
n-Butylbenzene
Concen: 44.932 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

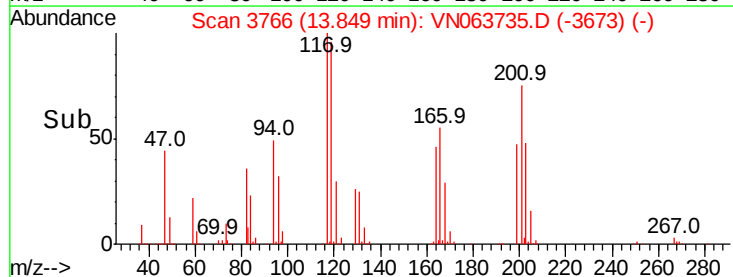
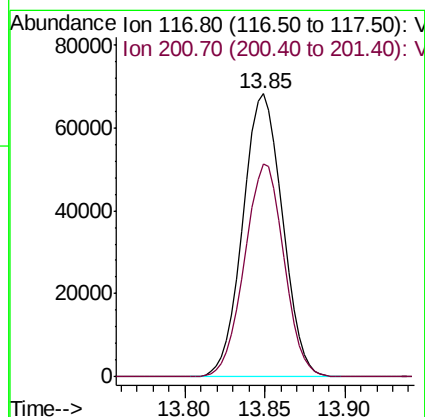
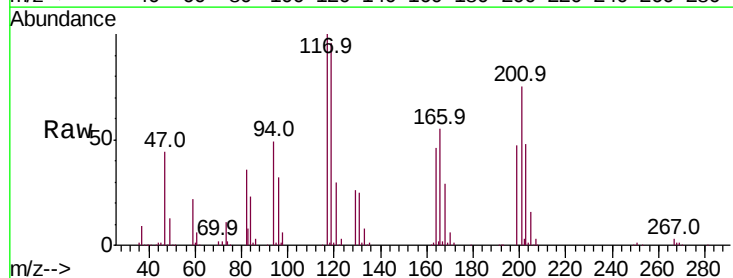
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 544124
Ion Ratio Lower Upper
91 100
92 51.4 26.0 78.0
134 23.6 11.7 35.0



#90
Hexachloroethane
Concen: 46.015 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063735.D
Acq: 29 Sep 2020 18:39

Tgt Ion: 117 Resp: 115116
Ion Ratio Lower Upper
117 100
201 74.7 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 49.493 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

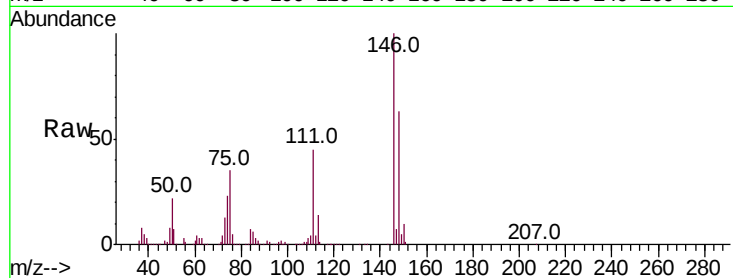
Tot Ion:146 Resp: 327565

Ion Ratio Lower Upper

146 100

111 44.6 22.4 67.2

148 62.8 32.0 96.0

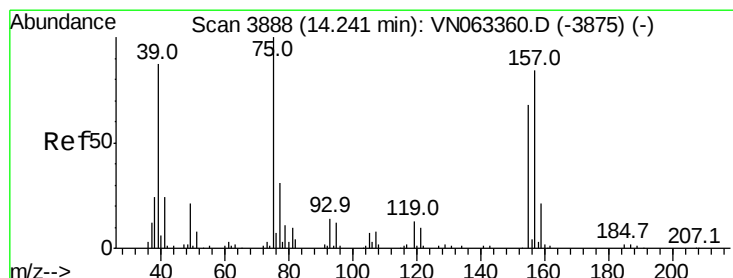
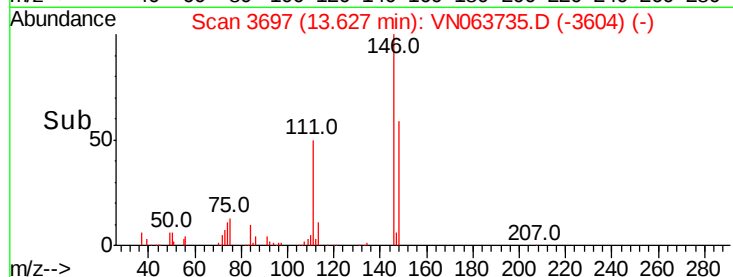
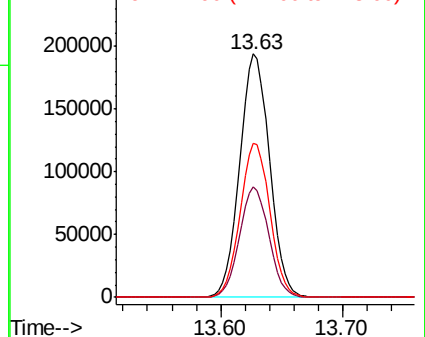


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.900 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

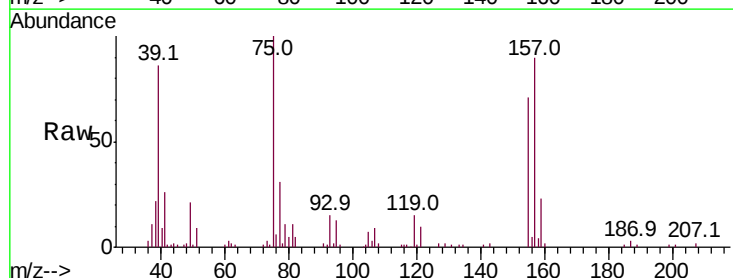
Tgt Ion: 75 Resp: 55913

Ion Ratio Lower Upper

75 100

155 69.4 34.6 103.9

157 90.1 43.7 131.1

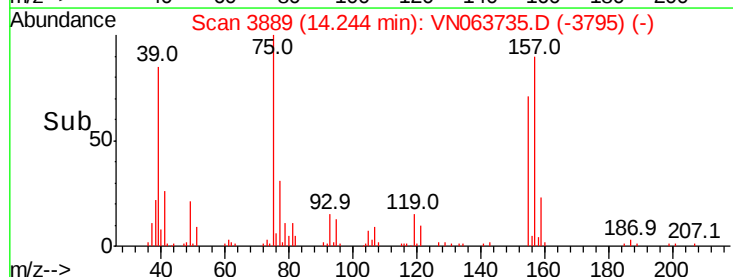
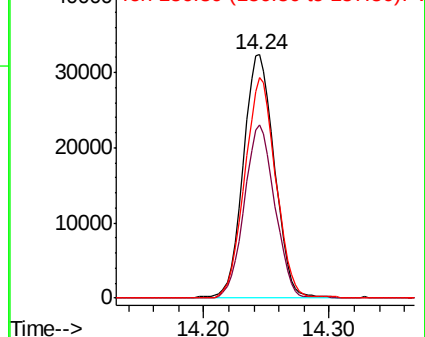


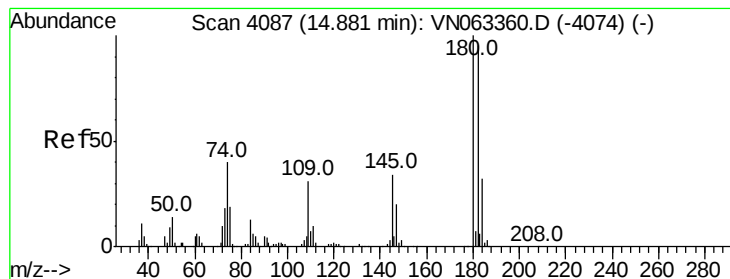
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 44.740 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

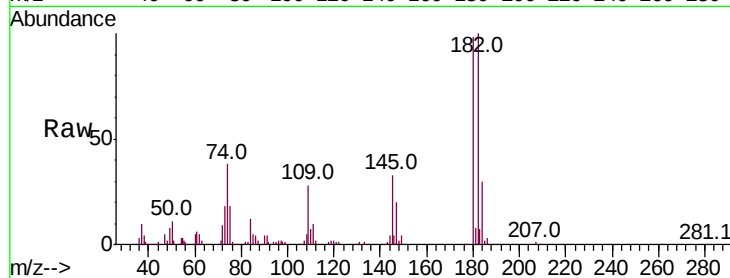
Tot Ion:180 Resp: 174567

Ion Ratio Lower Upper

180 100

182 96.8 47.3 142.0

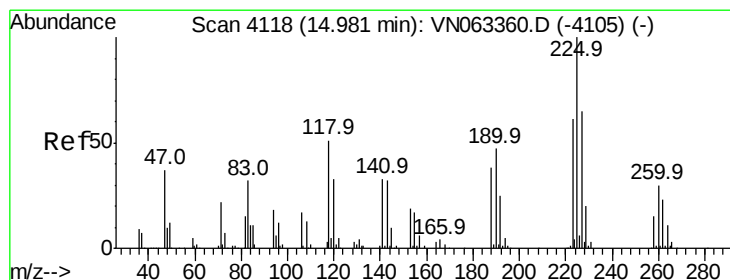
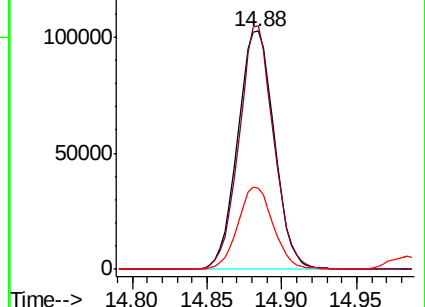
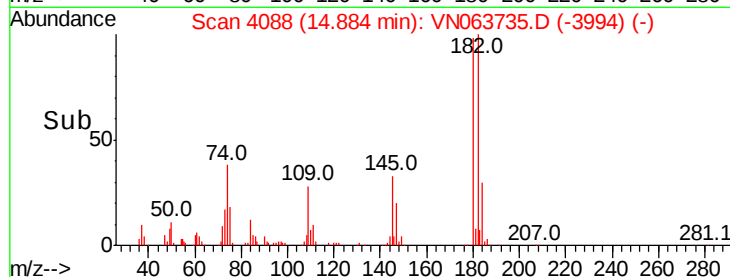
145 33.6 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 53.532 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

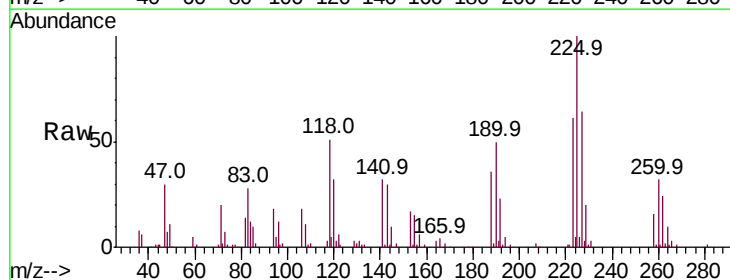
Tgt Ion:225 Resp: 86470

Ion Ratio Lower Upper

225 100

223 62.6 30.6 91.6

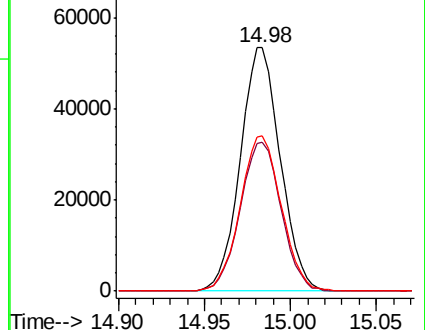
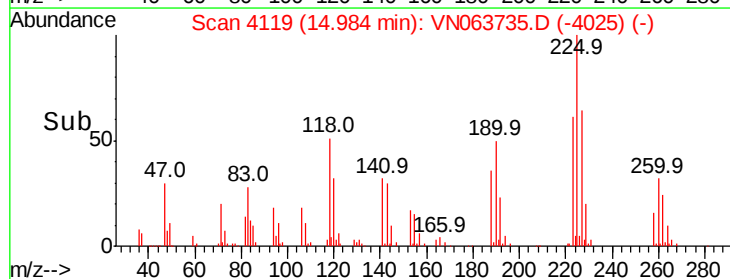
227 65.4 31.2 93.6

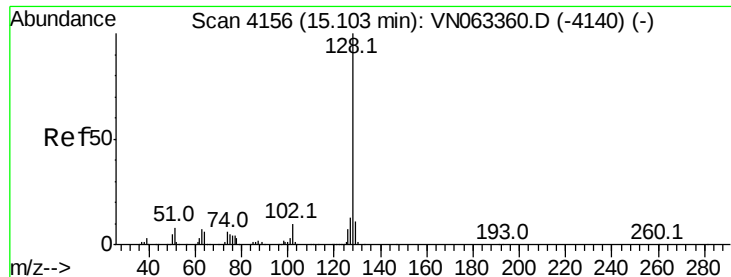


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 42.431 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

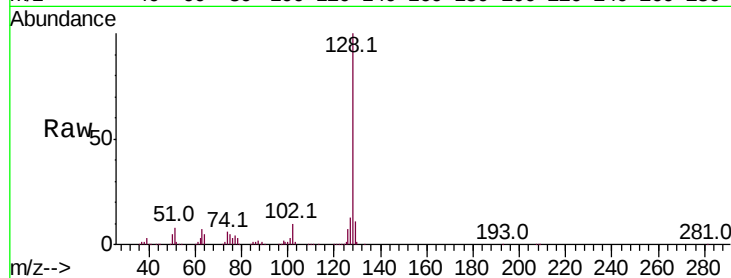
Tot Ion:128 Resp: 546967

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

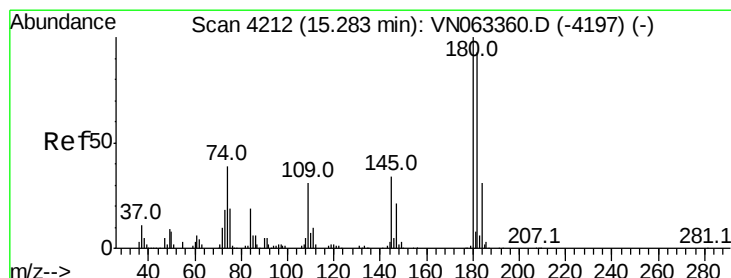
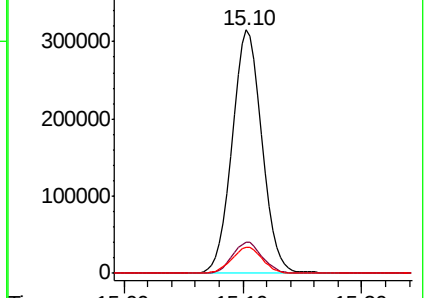
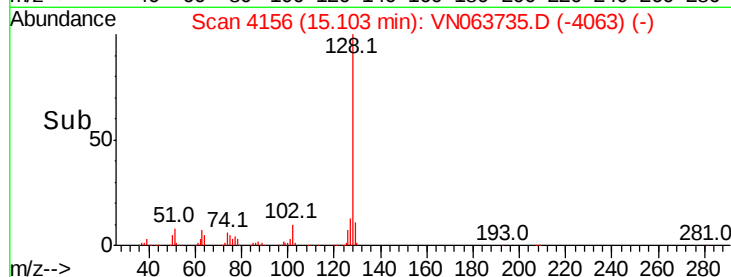
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.529 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063735.D

Acq: 29 Sep 2020 18:39

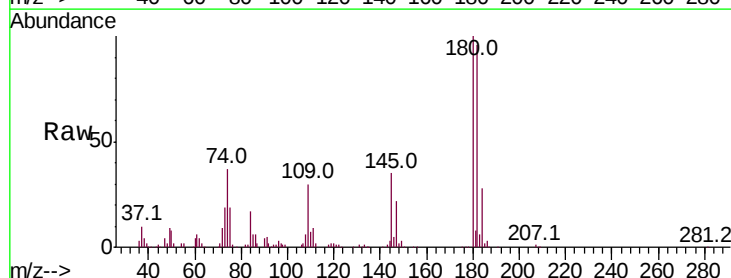
Tgt Ion:180 Resp: 167875

Ion Ratio Lower Upper

180 100

182 96.3 46.7 140.1

145 34.6 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

