

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063232.D
 Acq On : 3 Sep 2020 20:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 04 04:06:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	355337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	659921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	617442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	285972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	277561	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
35) Dibromofluoromethane	7.55	113	199869	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	
50) Toluene-d8	10.06	98	783946	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.38	95	278215	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	144221	41.212	ug/l	99
3) Chloromethane	2.04	50	205313	40.291	ug/l	99
4) Vinyl Chloride	2.17	62	240291	42.689	ug/l	99
5) Bromomethane	2.53	94	212902	44.933	ug/l	99
6) Chloroethane	2.67	64	214906	48.018	ug/l	98
7) Trichlorofluoromethane	2.98	101	382036	49.129	ug/l	96
8) Diethyl Ether	3.37	74	116782	43.362	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	175664	45.913	ug/l	98
10) Methyl Iodide	3.91	142	225777	43.267	ug/l	99
11) Tert butyl alcohol	4.73	59	161028	225.840	ug/l	100
12) 1,1-Dichloroethene	3.70	96	172263	44.186	ug/l	98
13) Acrolein	3.57	56	67271	247.951	ug/l	99
14) Allyl chloride	4.28	41	303323	43.808	ug/l	96
15) Acrylonitrile	4.93	53	461941	231.469	ug/l	98
16) Acetone	3.77	43	371466	224.960	ug/l	99
17) Carbon Disulfide	4.01	76	474002	40.848	ug/l	97
18) Methyl Acetate	4.28	43	237621	56.124	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	641609	44.363	ug/l	97
20) Methylene Chloride	4.51	84	211343	45.473	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	205096	47.617	ug/l	94
22) Diisopropyl ether	5.90	45	702577	45.281	ug/l	94
23) Vinyl Acetate	5.84	43	2868389	231.687	ug/l	100
24) 1,1-Dichloroethane	5.80	63	393183	45.967	ug/l	99
25) 2-Butanone	6.78	43	636366	248.891	ug/l	100
26) 2,2-Dichloropropane	6.78	77	300576	38.785	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	238305	45.519	ug/l	97
28) Bromochloromethane	7.15	49	202727	45.365	ug/l	98
29) Tetrahydrofuran	7.16	42	424689	240.220	ug/l	99
30) Chloroform	7.33	83	416010	46.486	ug/l	99
31) Cyclohexane	7.61	56	329879	43.537	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	363292	47.110	ug/l	99
36) 1,1-Dichloropropene	7.76	75	294699	46.452	ug/l	99
37) Ethyl Acetate	6.88	43	285568	47.687	ug/l #	95
38) Carbon Tetrachloride	7.73	117	305837	47.536	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	329229	46.194	ug/l	99
40) Benzene	8.00	78	904461	48.515	ug/l	99
41) Methacrylonitrile	7.16	41	405605	151.762	ug/l #	20
42) 1,2-Dichloroethane	8.09	62	350080	50.270	ug/l	100
43) Isopropyl Acetate	8.13	43	512554	49.539	ug/l #	89
44) Trichloroethene	8.80	130	233586	51.655	ug/l	99
45) 1,2-Dichloropropane	9.08	63	236939	48.002	ug/l	98
46) Dibromomethane	9.17	93	165659	50.643	ug/l	99
47) Bromodichloromethane	9.37	83	341646	48.727	ug/l	98
48) Methyl methacrylate	9.17	41	232407	49.828	ug/l	95
49) 1,4-Dioxane	9.17	88	71976	997.715	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1510720	268.702	ug/l	100
52) Toluene	10.13	92	579293	49.881	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	361230	47.099	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	383285	47.609	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	229051	51.500	ug/l	96
56) Ethyl methacrylate	10.40	69	332989	49.196	ug/l	97
57) 1,3-Dichloropropane	10.68	76	391987	49.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	844332	240.892	ug/l	99
59) 2-Hexanone	10.72	43	1094948	277.113	ug/l	99
60) Dibromochloromethane	10.87	129	249711	50.784	ug/l	98
61) 1,2-Dibromoethane	10.98	107	237081	51.278	ug/l	98
64) Tetrachloroethene	10.60	164	237037	53.461	ug/l	98
65) Chlorobenzene	11.41	112	608257	48.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	231046	50.040	ug/l	100
67) Ethyl Benzene	11.49	91	1136195	50.082	ug/l	100
68) m/p-Xylenes	11.60	106	833433	99.189	ug/l	100
69) o-Xylene	11.92	106	400927	49.392	ug/l	97
70) Styrene	11.94	104	692097	49.612	ug/l	99
71) Bromoform	12.10	173	157298	50.200	ug/l #	99
73) Isopropylbenzene	12.23	105	1106090	50.429	ug/l	99
74) N-amyl acetate	12.05	43	447330	49.237	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	305712	48.345	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	418736	74.525	ug/l #	100
77) Bromobenzene	12.50	156	242773	48.941	ug/l	97
78) n-propylbenzene	12.57	91	1277160	50.320	ug/l	100
79) 2-Chlorotoluene	12.65	91	734913	48.344	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	919289	50.353	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	101082	43.482	ug/l	96
82) 4-Chlorotoluene	12.75	91	774326	49.113	ug/l	99
83) tert-Butylbenzene	12.97	119	760772	48.588	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	925830	50.311	ug/l	99
85) sec-Butylbenzene	13.15	105	1046068	51.262	ug/l	99
86) p-Isopropyltoluene	13.26	119	928262	51.237	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	457733	50.230	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	456519	48.381	ug/l	99
89) n-Butylbenzene	13.59	91	835347	49.910	ug/l	99
90) Hexachloroethane	13.85	117	153652	45.815	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	452396	51.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	65480	47.100	ug/l	99

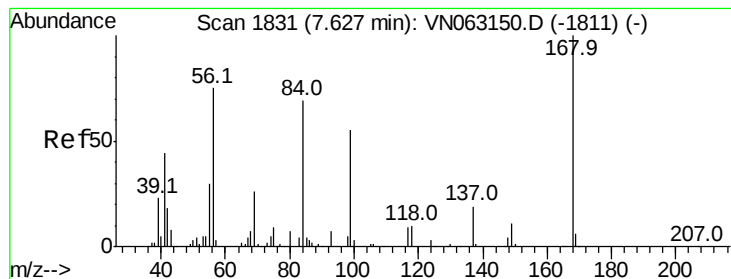
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	239104	48.396	ug/l	100
94) Hexachlorobutadiene	14.98	225	87444	47.379	ug/l	98
95) Naphthalene	15.11	128	794228	48.184	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	240472	49.959	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: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

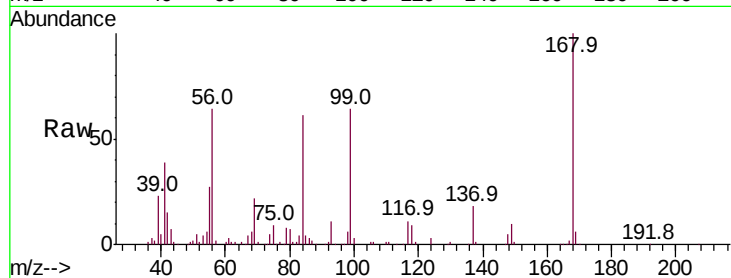
VSTDCCC050EC

Tot Ion:168 Resp: 355337

Ion Ratio Lower Upper

168 100

99 63.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

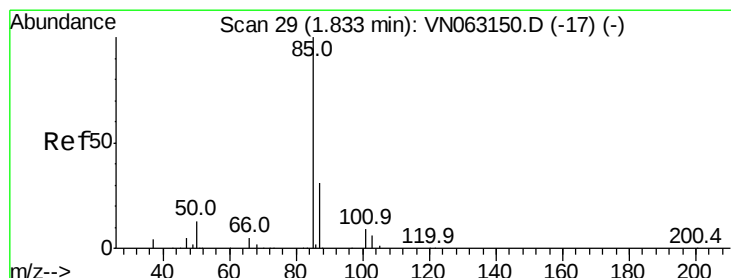
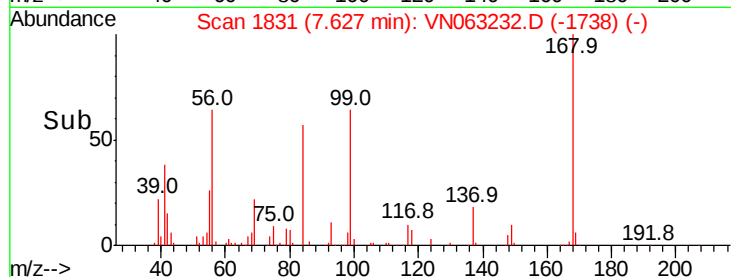
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 41.212 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063232.D

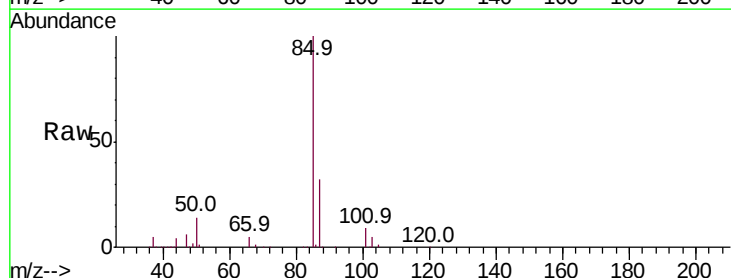
Acq: 3 Sep 2020 20:00

Tgt Ion: 85 Resp: 144221

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

60000

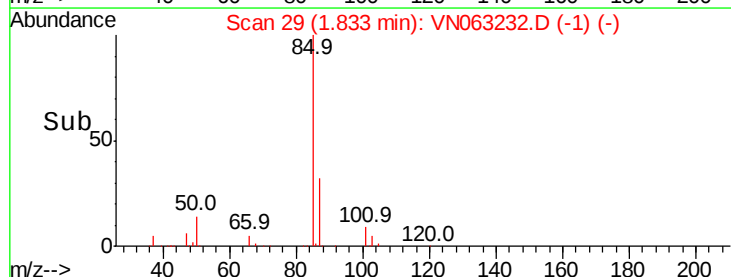
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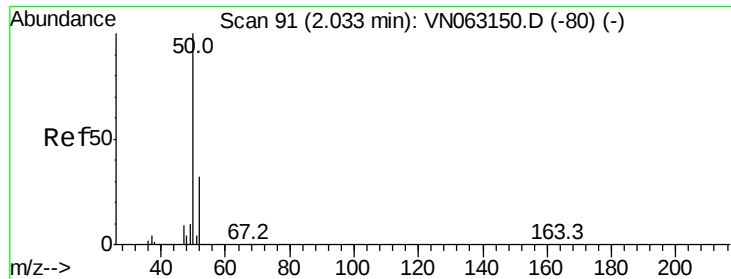
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 40.291 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

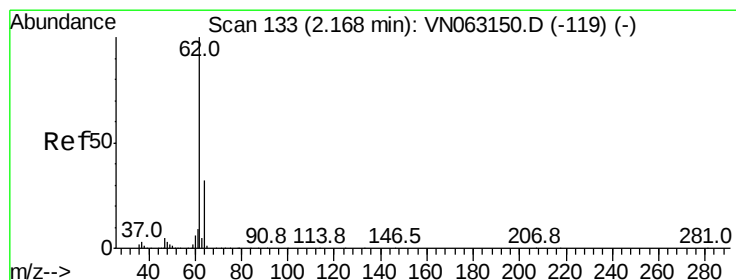
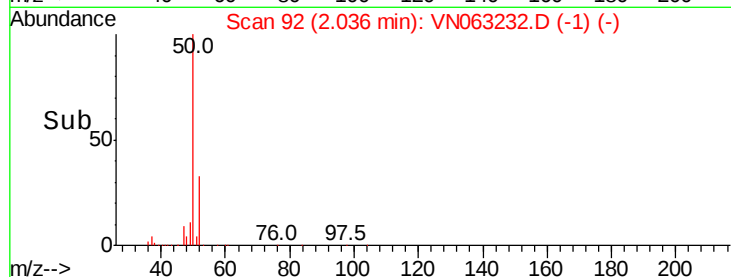
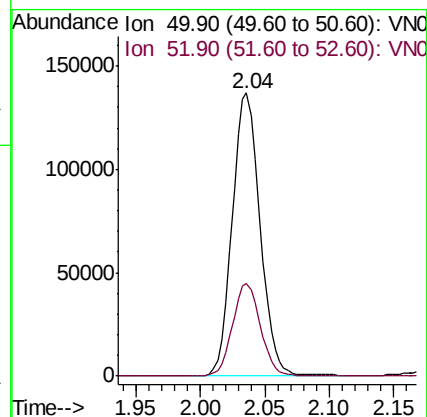
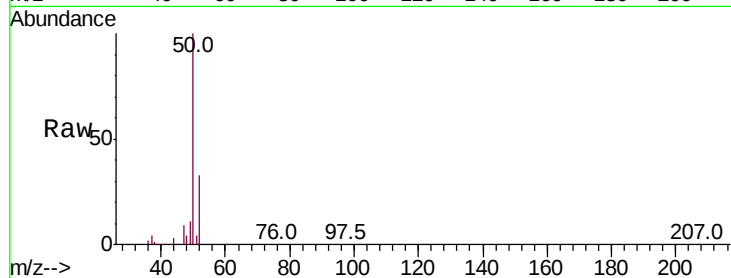
VSTDCCC050EC

Tot Ion: 50 Resp: 205313

Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.6



#4

Vinyl Chloride

Concen: 42.689 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063232.D

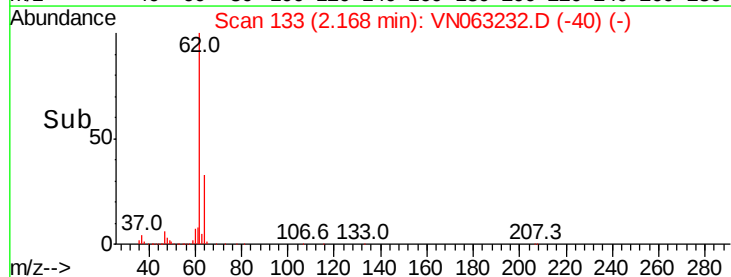
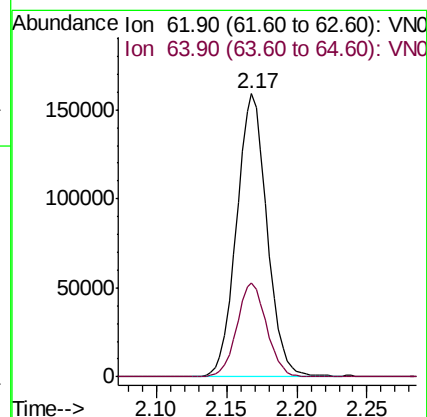
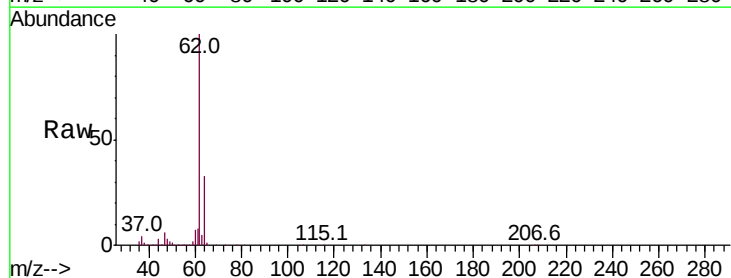
Acq: 3 Sep 2020 20:00

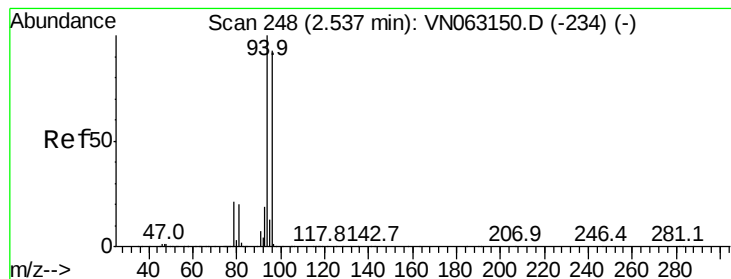
Tgt Ion: 62 Resp: 240291

Ion Ratio Lower Upper

62 100

64 33.1 25.8 38.8





#5

Bromomethane

Concen: 44.933 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

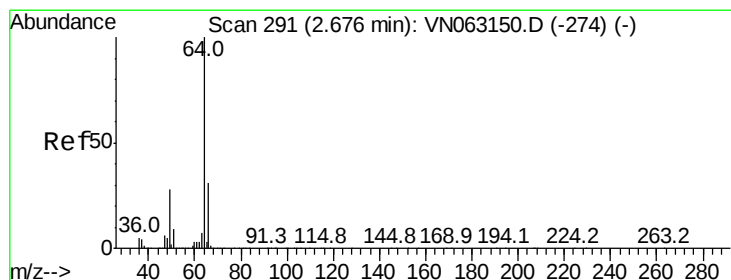
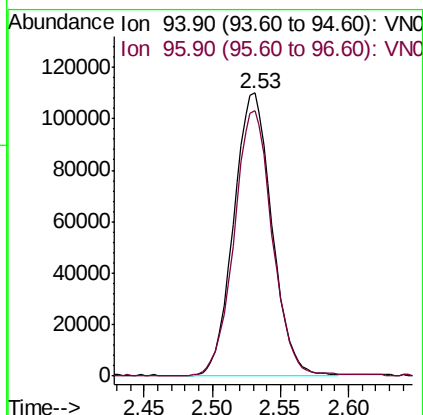
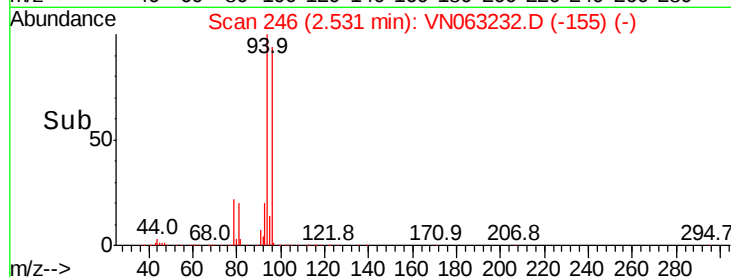
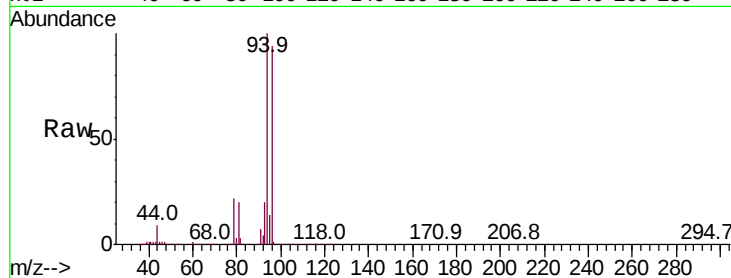
VSTDCCC050EC

Tot Ion: 94 Resp: 212902

Ion Ratio Lower Upper

94 100

96 93.8 74.4 111.6



#6

Chloroethane

Concen: 48.018 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063232.D

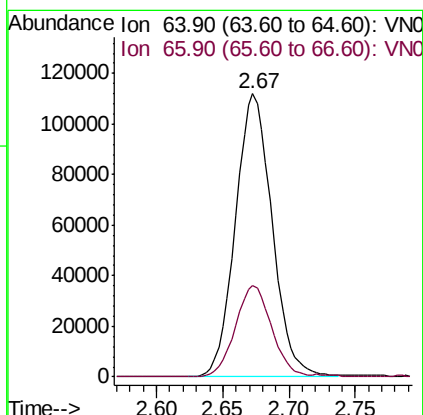
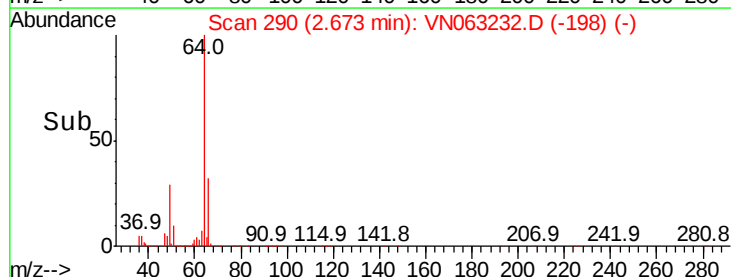
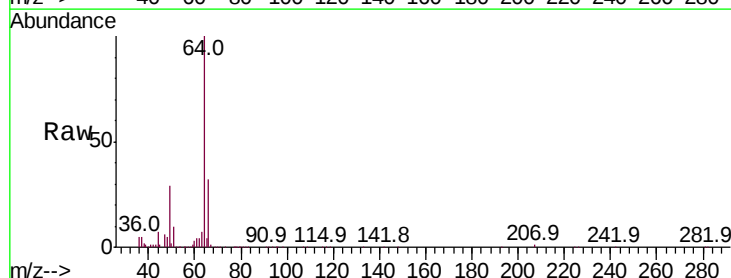
Acq: 3 Sep 2020 20:00

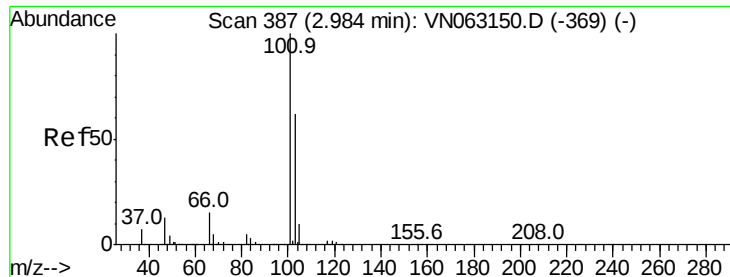
Tgt Ion: 64 Resp: 214906

Ion Ratio Lower Upper

64 100

66 32.2 24.7 37.1



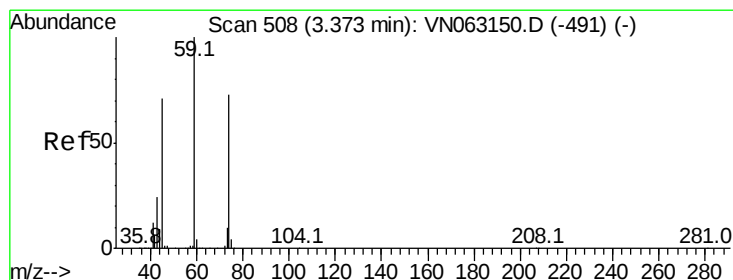
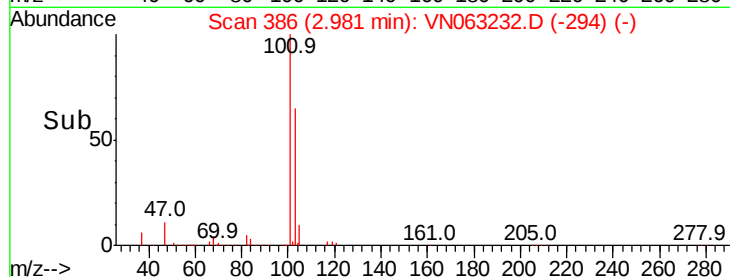
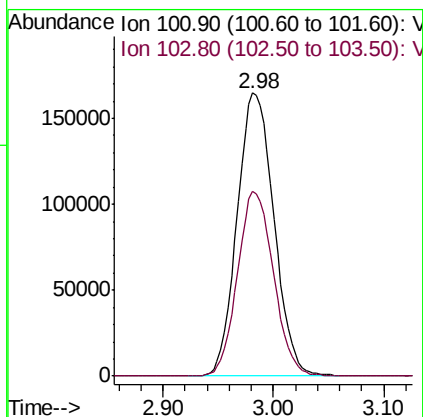
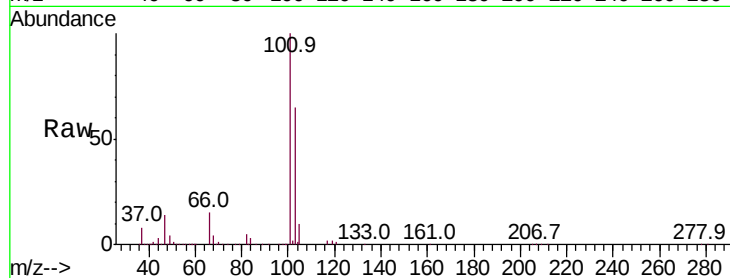


#7

Trichlorofluoromethane
 Concen: 49.129 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

Instrument :
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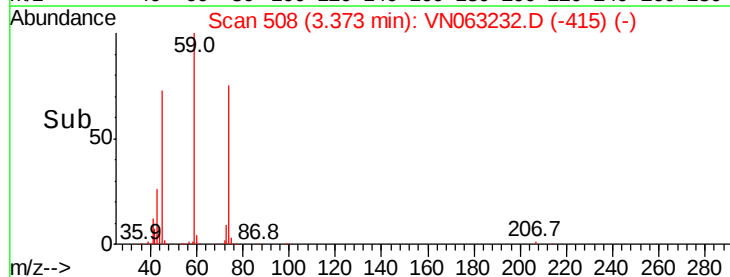
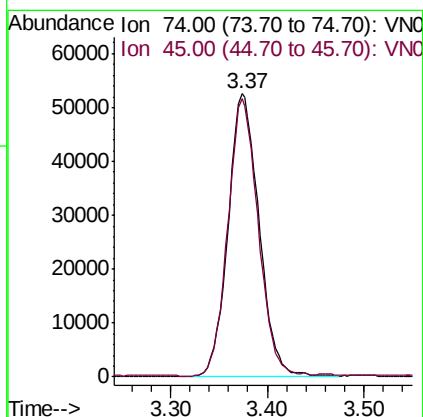
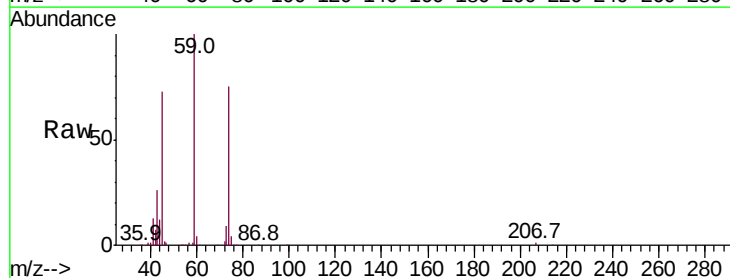
Tot Ion:101 Resp: 382036
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.7 74.5

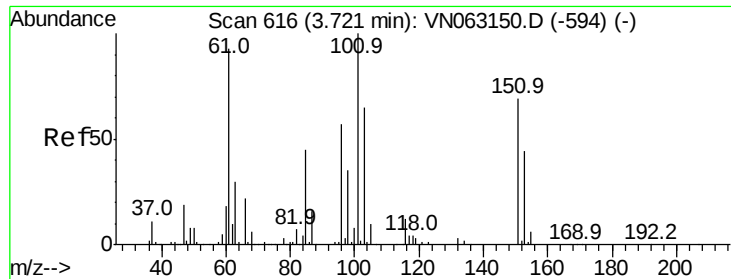


#8

Diethyl Ether
 Concen: 43.362 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

Tgt Ion: 74 Resp: 116782
 Ion Ratio Lower Upper
 74 100
 45 97.1 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.913 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

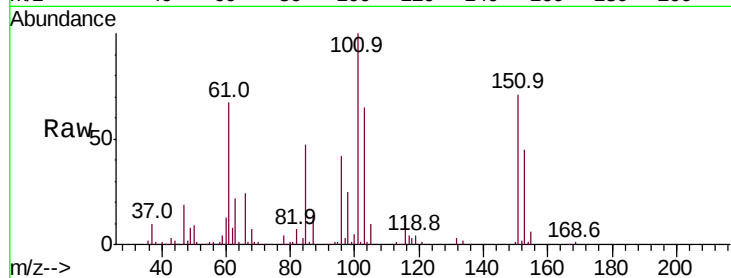
Tot Ion:101 Resp: 175664

Ion Ratio Lower Upper

101 100

85 46.5 37.8 56.8

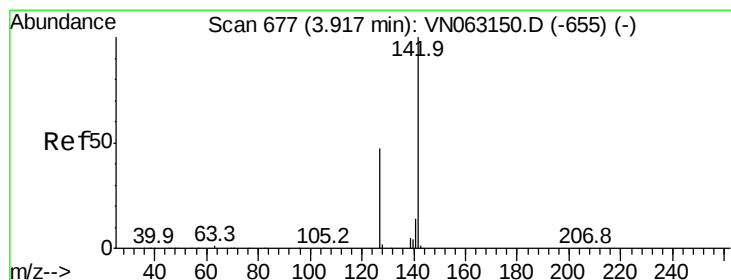
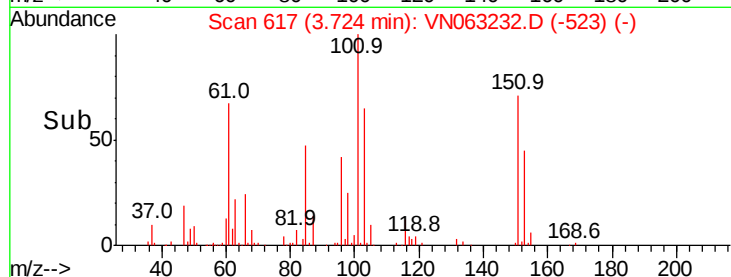
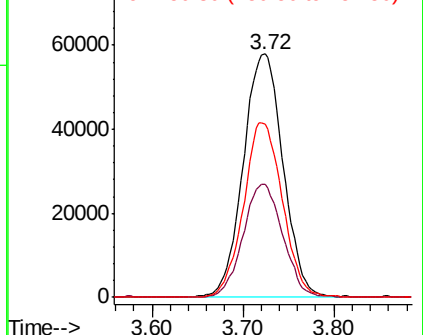
151 70.4 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.267 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

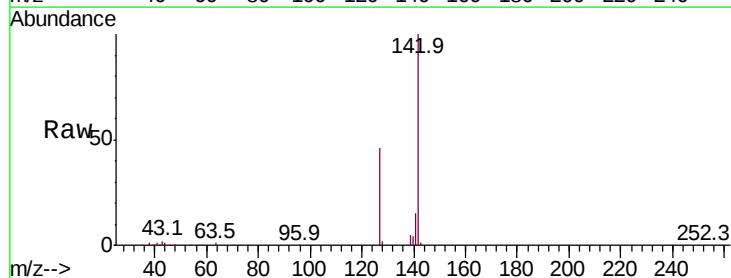
Tgt Ion:142 Resp: 225777

Ion Ratio Lower Upper

142 100

127 46.4 37.6 56.4

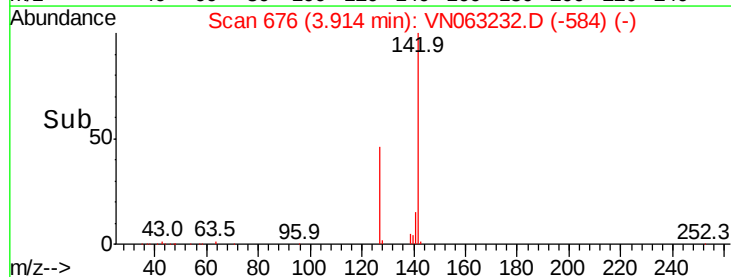
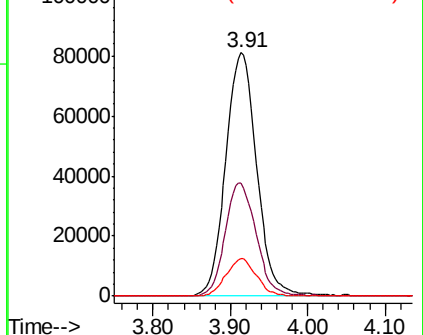
141 15.0 11.3 16.9

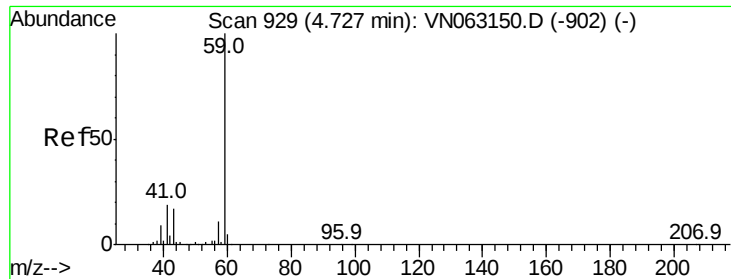


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

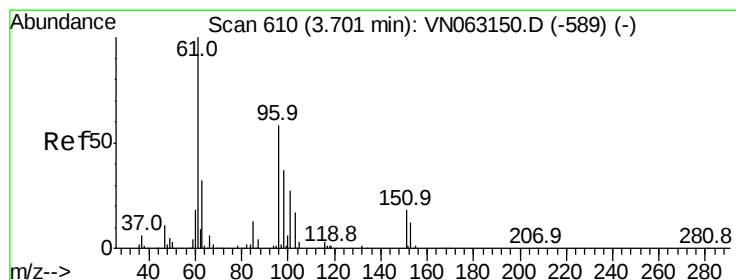
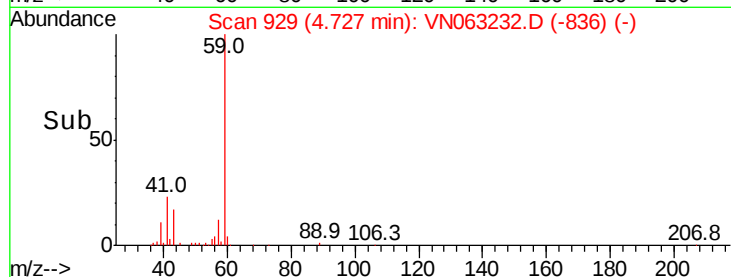
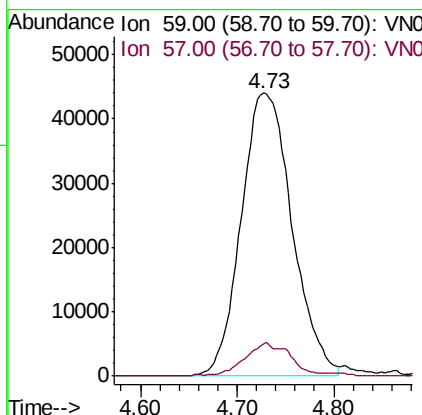
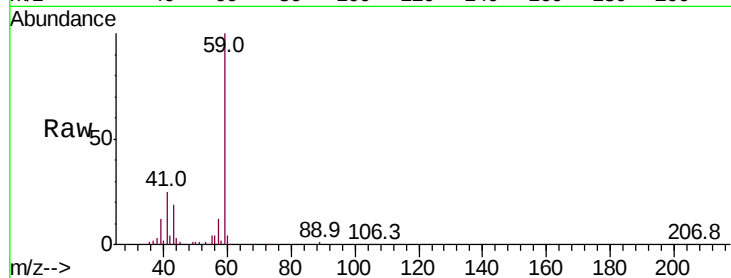




#11
Tert butyl alcohol
Concen: 225.840 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

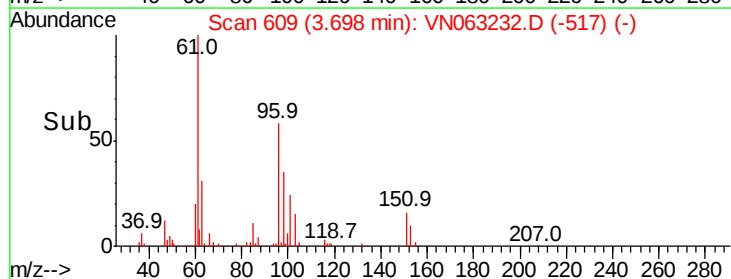
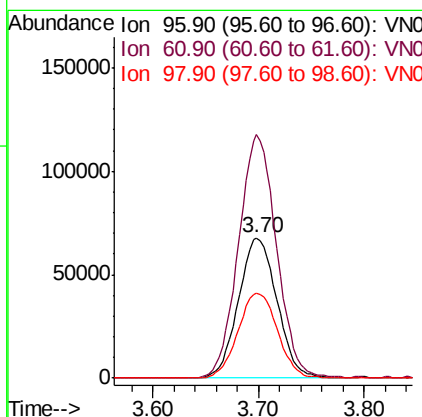
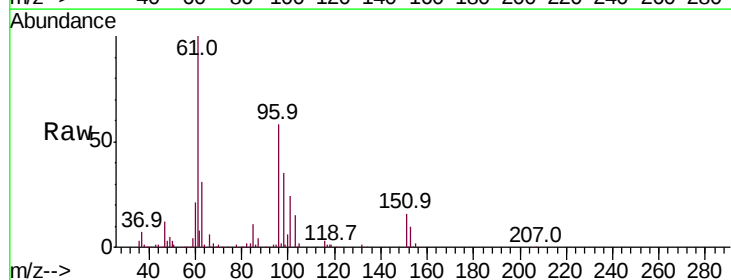
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

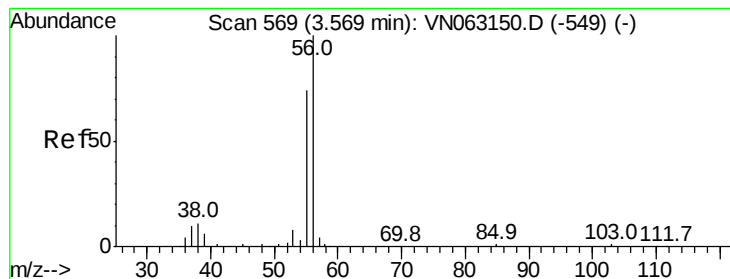
Tot Ion: 59 Resp: 161028
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 44.186 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion: 96 Resp: 172263
Ion Ratio Lower Upper
96 100
61 173.6 137.4 206.2
98 60.3 50.5 75.7





#13

Acrolein

Concen: 247.951 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

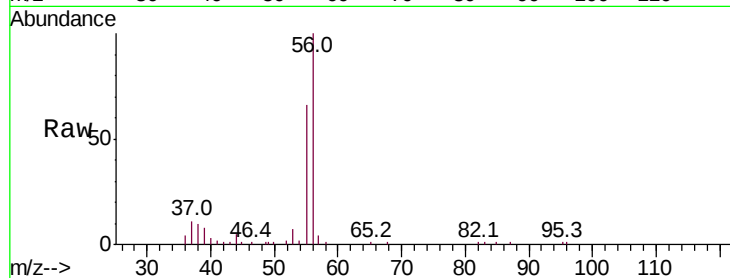
VSTDCCC050EC

Tot Ion: 56 Resp: 67271

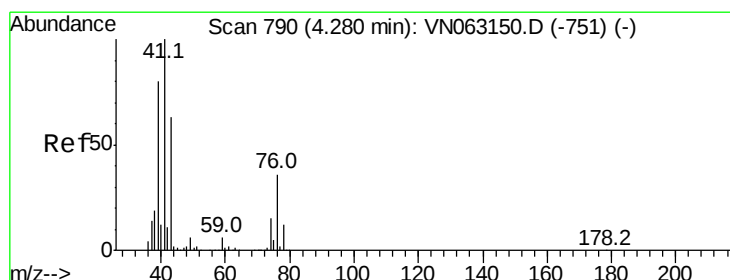
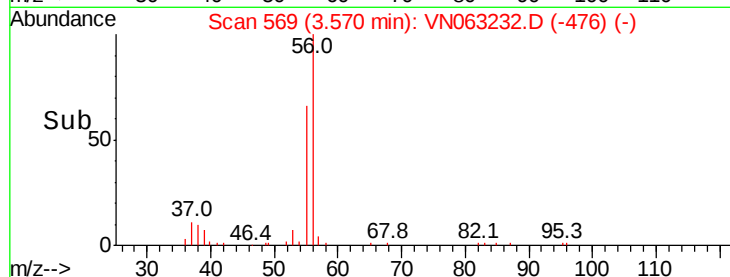
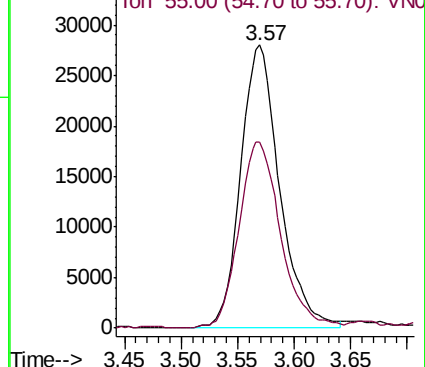
Ion Ratio Lower Upper

56 100

55 70.3 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN063150.D (-549) (-)



#14

Allyl chloride

Concen: 43.808 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

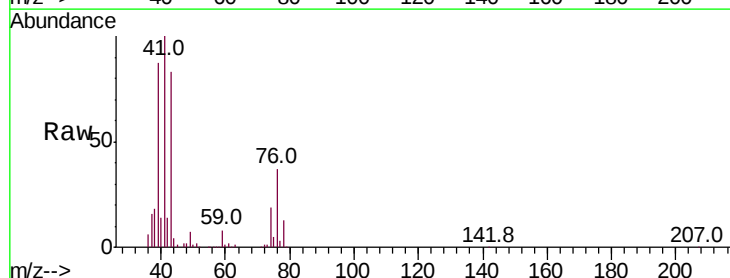
Tgt Ion: 41 Resp: 303323

Ion Ratio Lower Upper

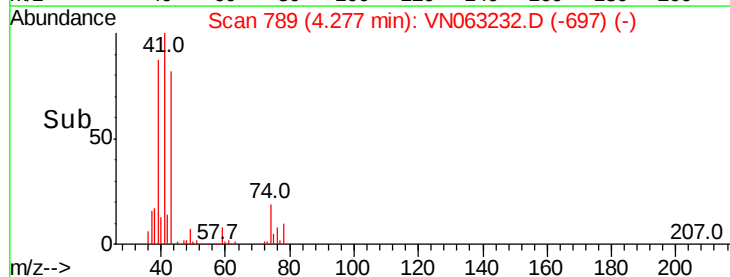
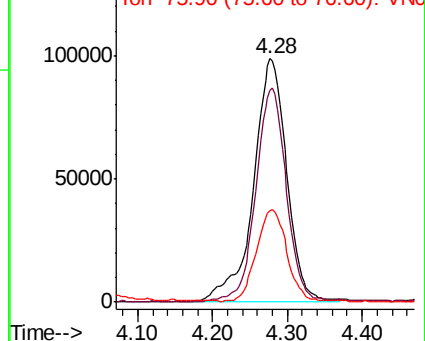
41 100

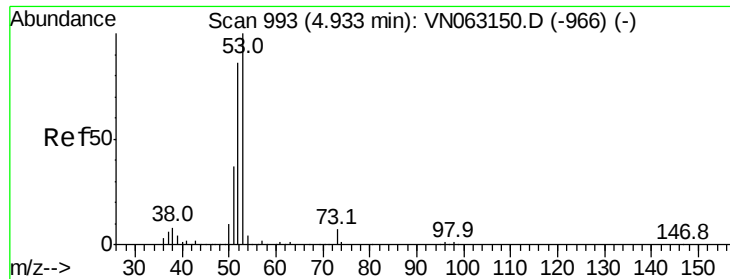
39 80.4 60.2 90.2

76 34.2 27.7 41.5



Abundance Ion 41.00 (40.70 to 41.70): VN063150.D (-751) (-)





#15

Acrylonitrile

Concen: 231.469 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

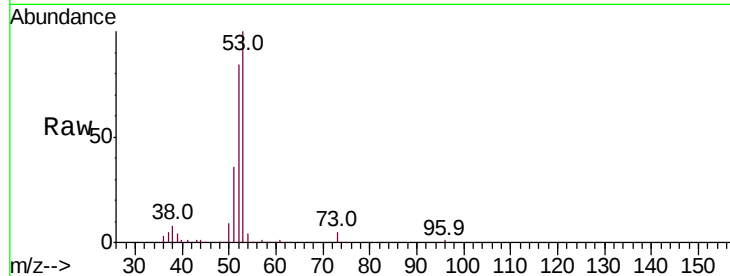
Tot Ion: 53 Resp: 461941

Ion Ratio Lower Upper

53 100

52 82.1 67.2 100.8

51 37.5 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063150.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN063150.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN063150.D (-966) (-)

4.93

150000

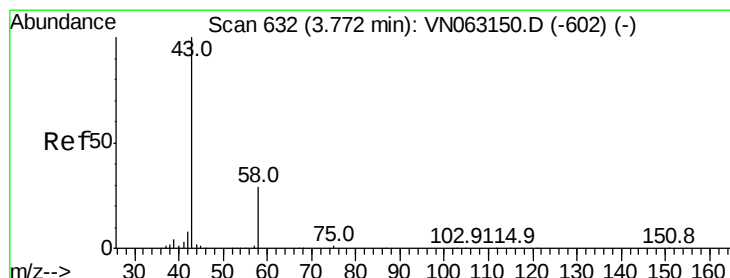
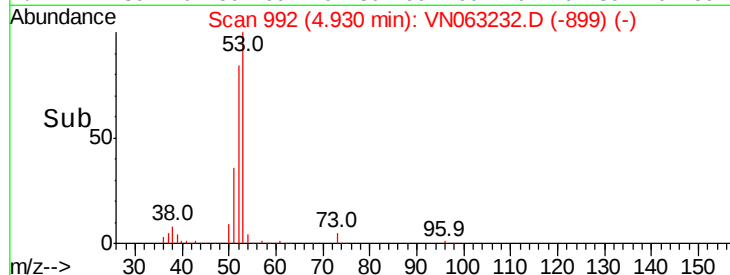
100000

50000

0

4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 224.960 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063232.D

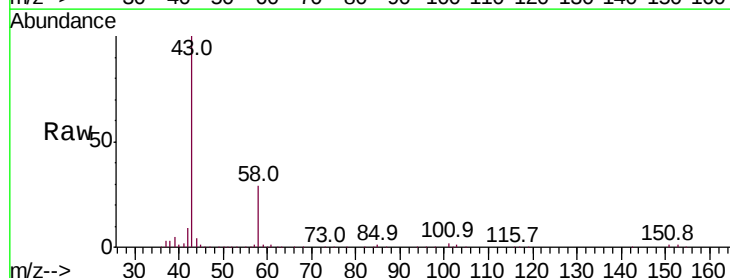
Acq: 3 Sep 2020 20:00

Tgt Ion: 43 Resp: 371466

Ion Ratio Lower Upper

43 100

58 29.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-602) (-)

3.77

150000

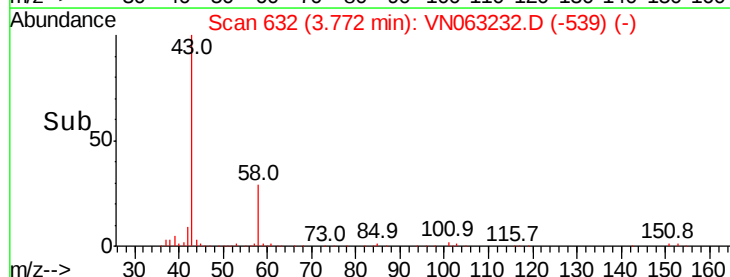
100000

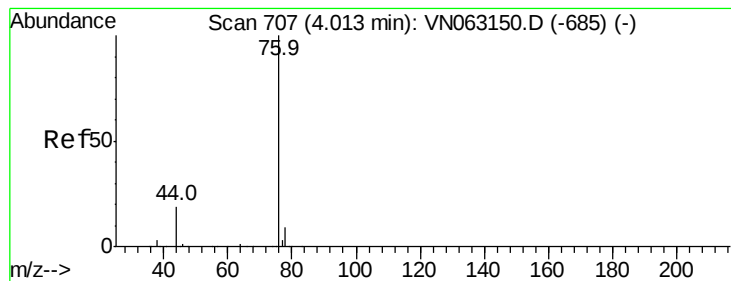
50000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#17

Carbon Disulfide

Concen: 40.848 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

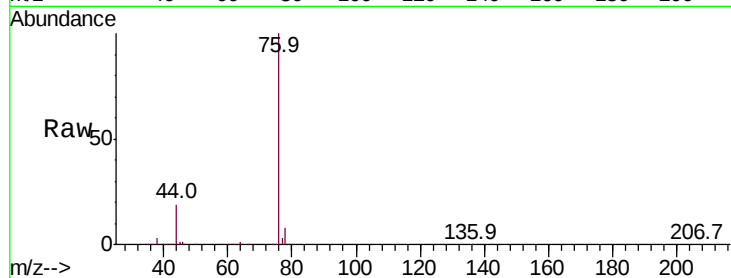
VSTDCCC050EC

Tot Ion: 76 Resp: 474002

Ion Ratio Lower Upper

76 100

78 8.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN063150.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063150.D (-685) (-)

4.01

200000

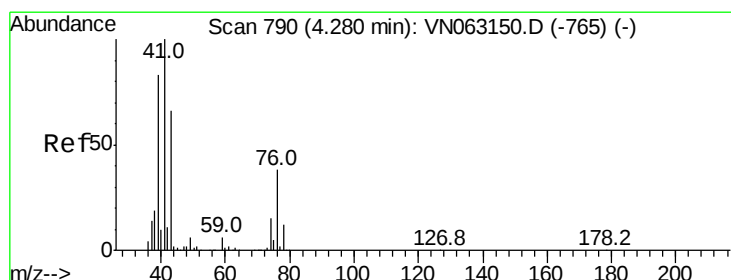
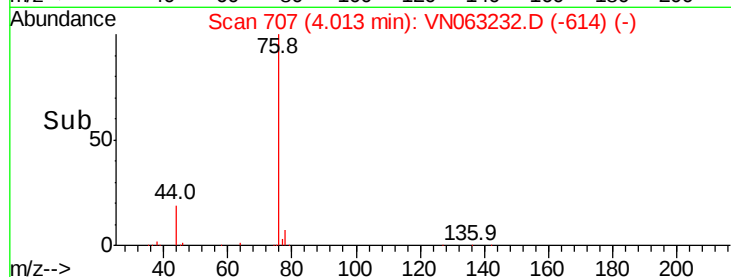
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 56.124 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063232.D

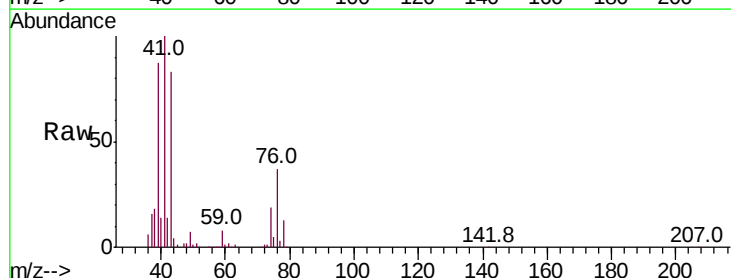
Acq: 3 Sep 2020 20:00

Tgt Ion: 43 Resp: 237621

Ion Ratio Lower Upper

43 100

74 23.5 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-765) (-)

Ion 74.00 (73.70 to 74.70): VN063150.D (-765) (-)

4.28

80000

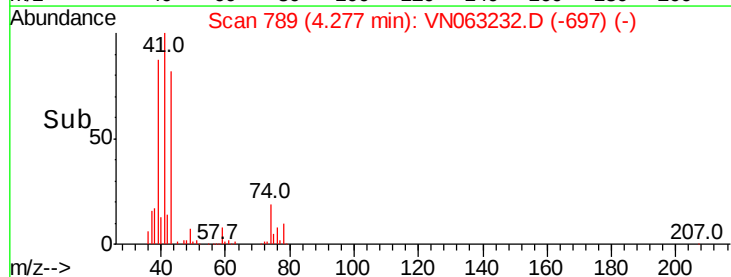
60000

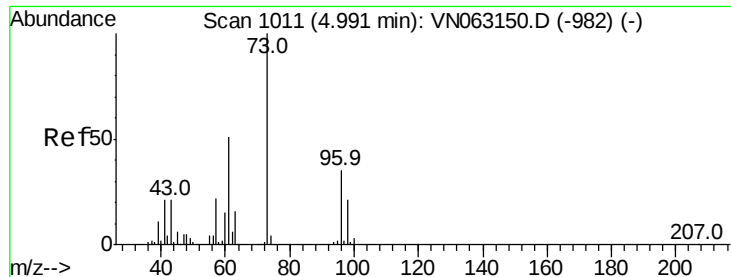
40000

20000

0

Time-->



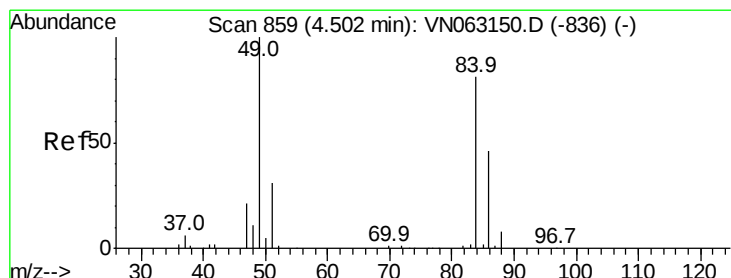
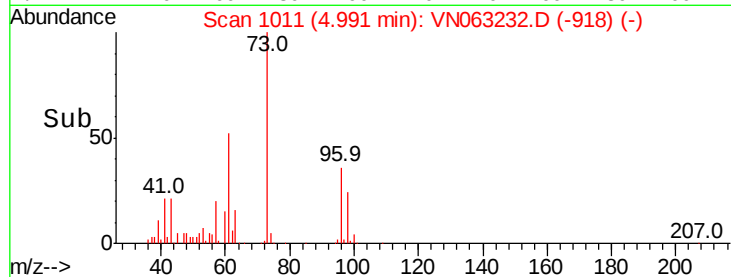
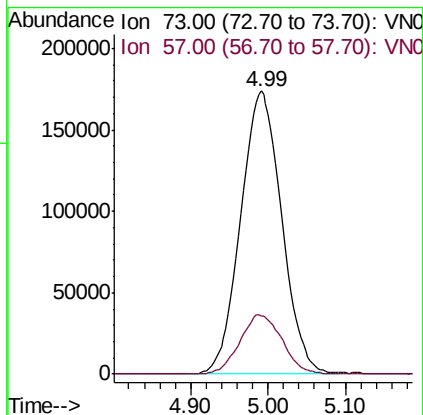
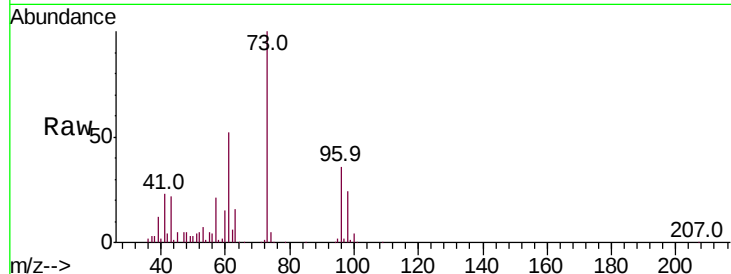


#19

Methyl tert-butyl Ether
 Concen: 44.363 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

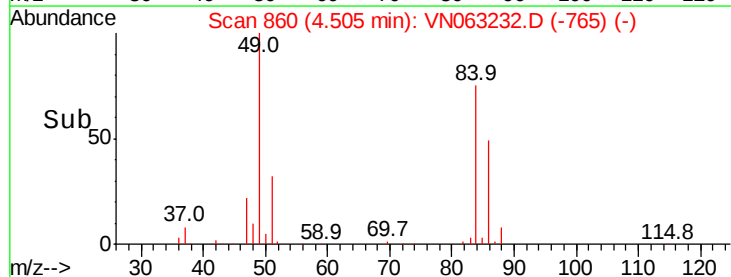
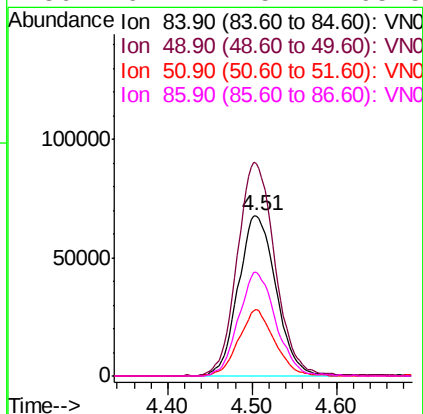
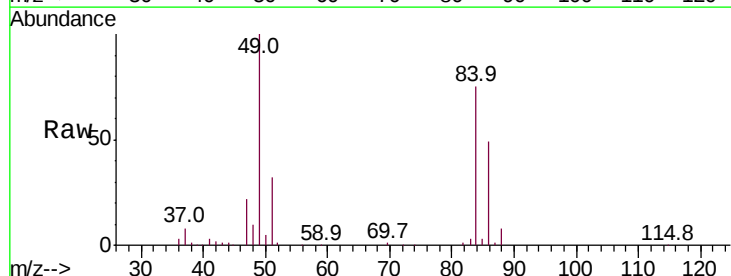
Tot Ion: 73 Resp: 641609
 Ion Ratio Lower Upper
 73 100
 57 20.6 17.6 26.4

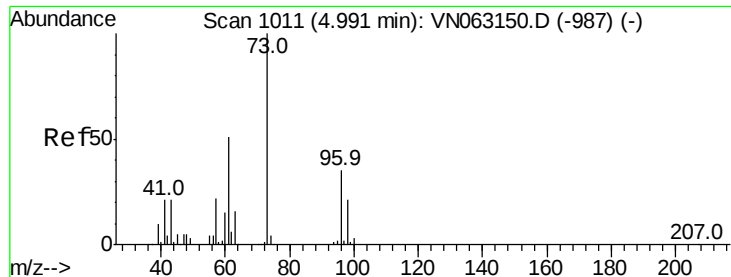


#20

Methylene Chloride
 Concen: 45.473 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

Tgt Ion: 84 Resp: 211343
 Ion Ratio Lower Upper
 84 100
 49 132.0 98.4 147.6
 51 41.8 30.4 45.6
 86 64.7 45.7 68.5

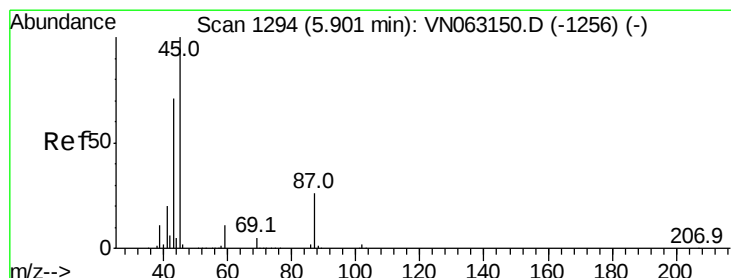
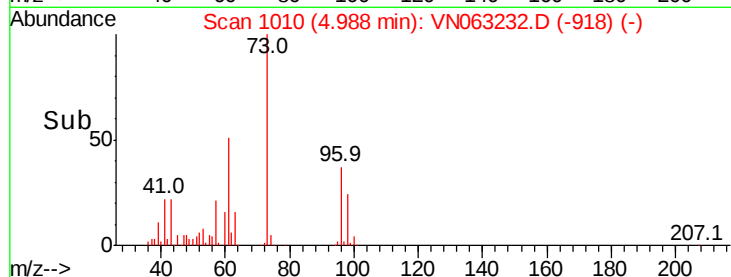
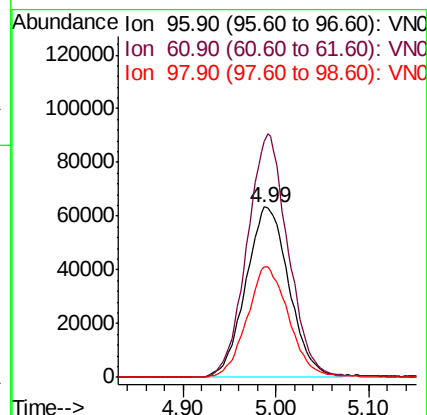
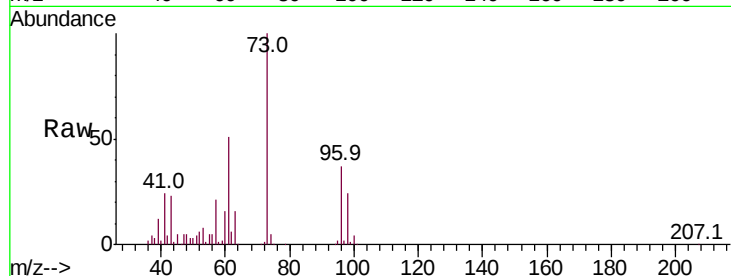




#21
trans-1,2-Dichloroethene
Concen: 47.617 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

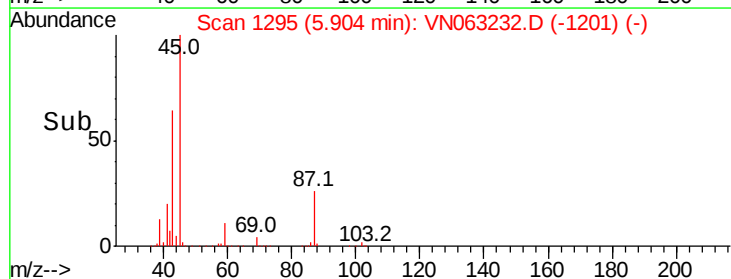
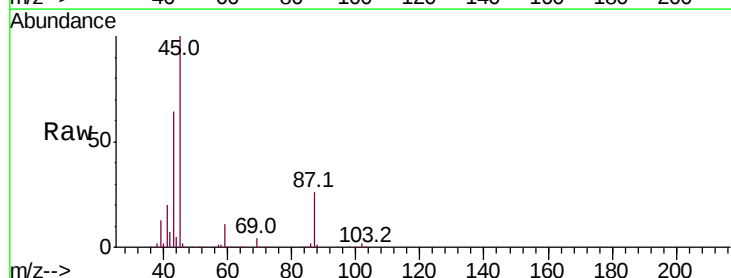
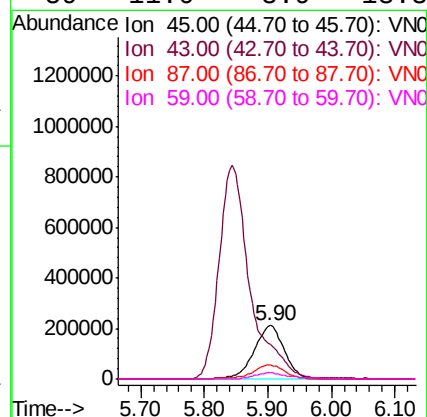
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

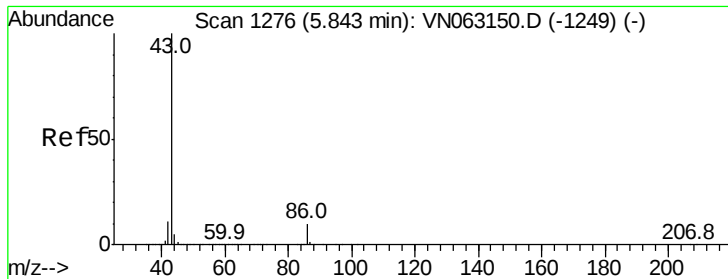
Tot Ion: 96 Resp: 205096
Ion Ratio Lower Upper
96 100
61 138.8 116.2 174.4
98 64.9 48.0 72.0



#22
Diisopropyl ether
Concen: 45.281 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion: 45 Resp: 702577
Ion Ratio Lower Upper
45 100
43 63.0 56.8 85.2
87 26.2 21.1 31.7
59 11.0 8.9 13.3





#23

Vinyl Acetate

Concen: 231.687 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

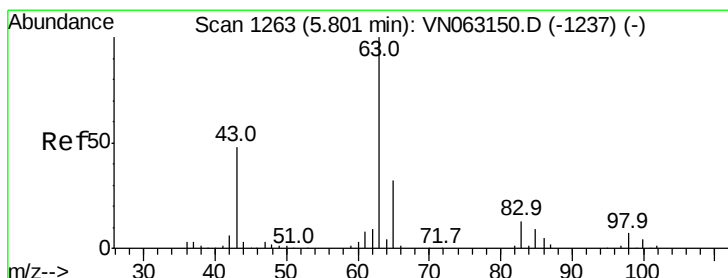
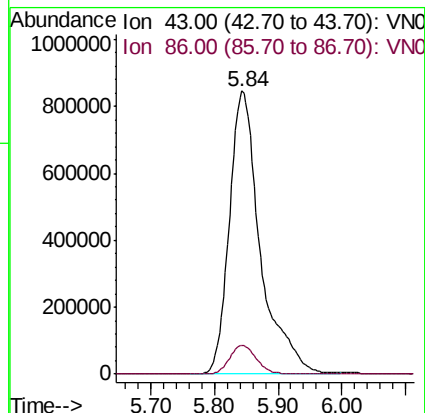
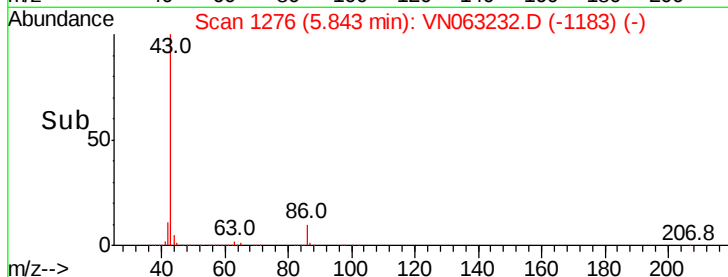
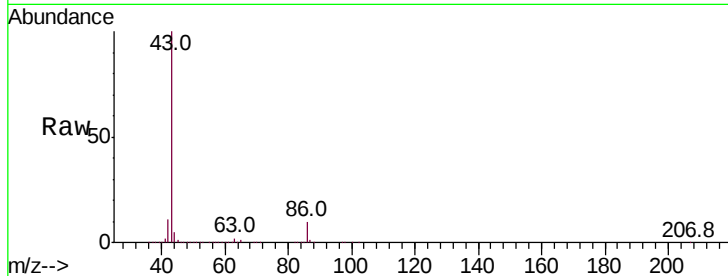
VSTDCCC050EC

Tot Ion: 43 Resp: 2868389

Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5



#24

1,1-Dichloroethane

Concen: 45.967 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

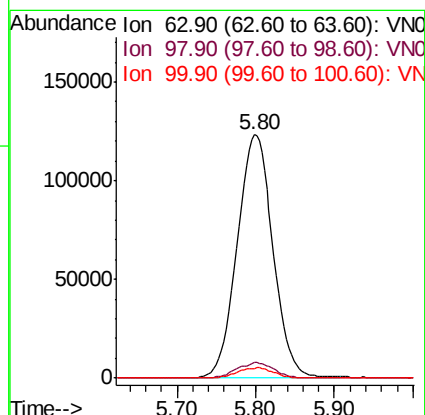
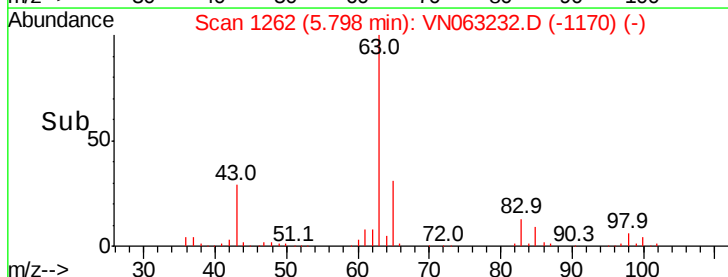
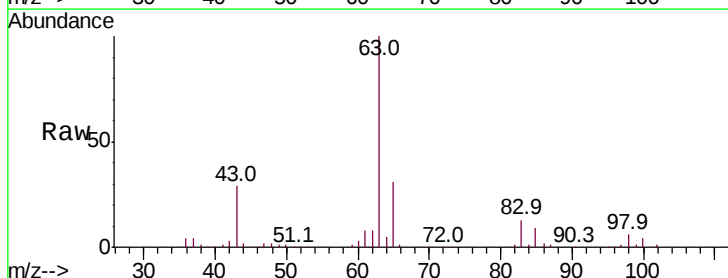
Tgt Ion: 63 Resp: 393183

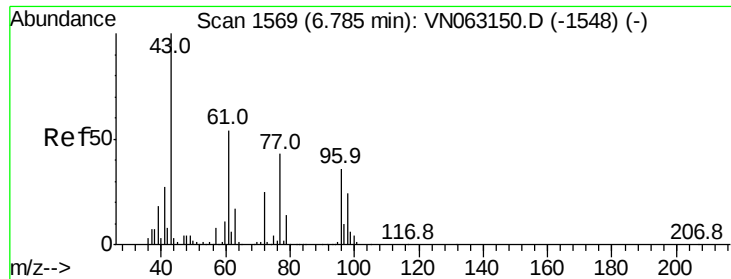
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 248.891 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

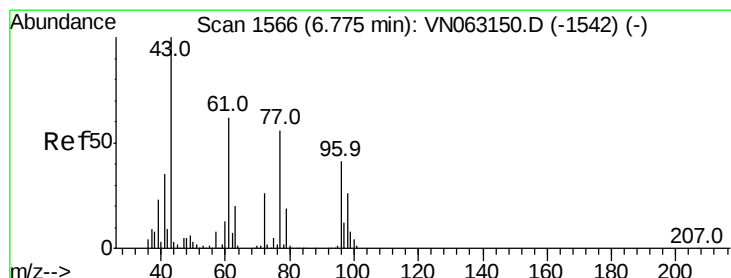
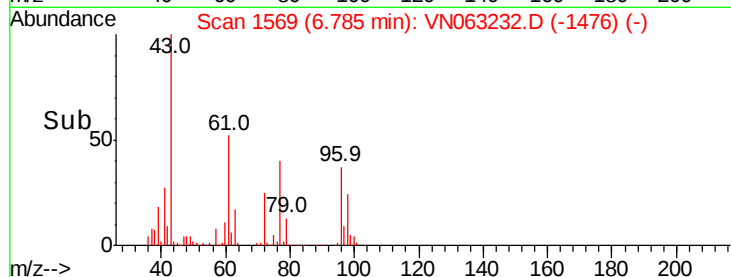
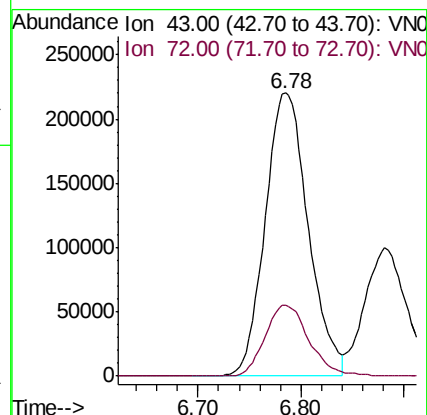
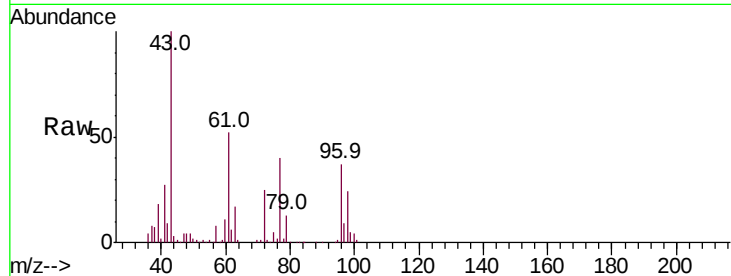
VSTDCCC050EC

Tot Ion: 43 Resp: 636366

Ion Ratio Lower Upper

43 100

72 25.2 20.2 30.4



#26

2,2-Dichloropropane

Concen: 38.785 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063232.D

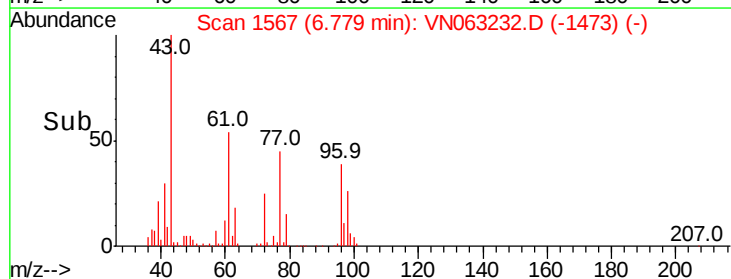
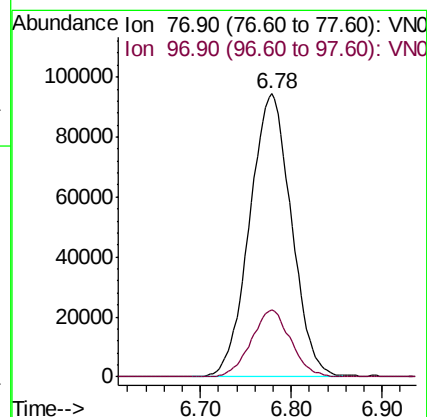
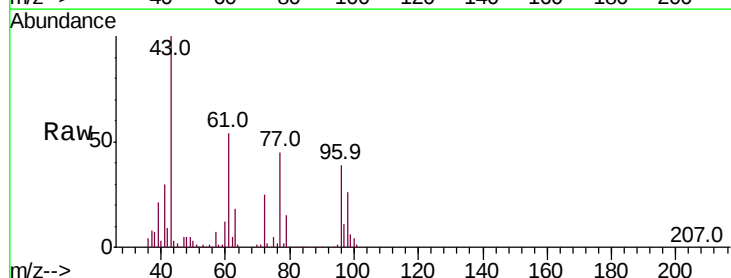
Acq: 3 Sep 2020 20:00

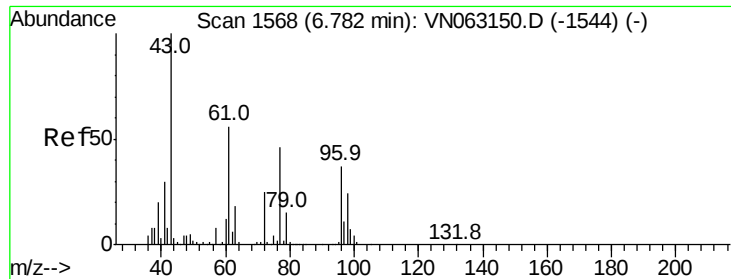
Tgt Ion: 77 Resp: 300576

Ion Ratio Lower Upper

77 100

97 22.5 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 45.519 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

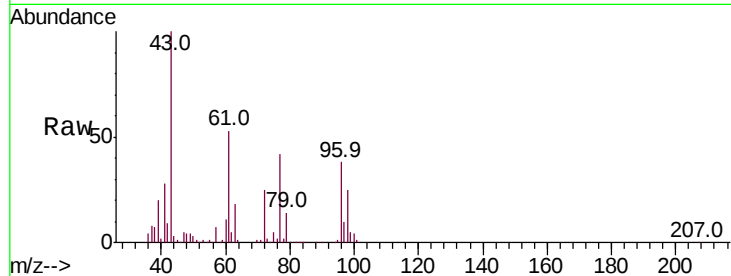
Tot Ion: 96 Resp: 238305

Ion Ratio Lower Upper

96 100

61 146.5 0.0 303.2

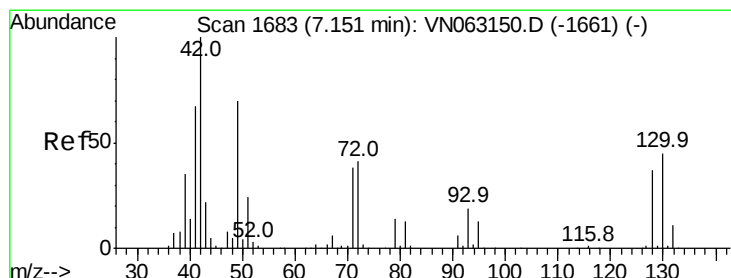
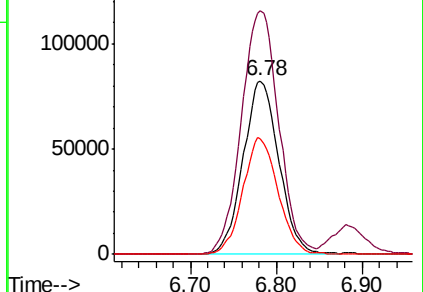
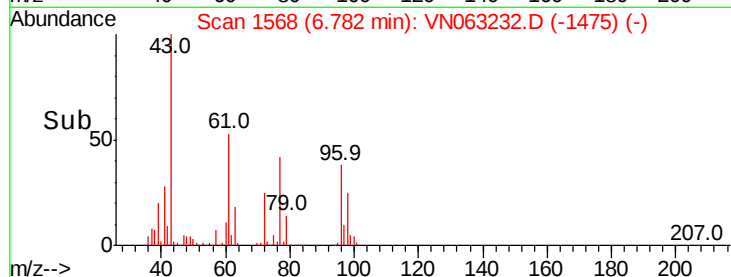
98 66.2 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN063232.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN063232.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN063232.D (-1475) (-)



#28

Bromochloromethane

Concen: 45.365 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

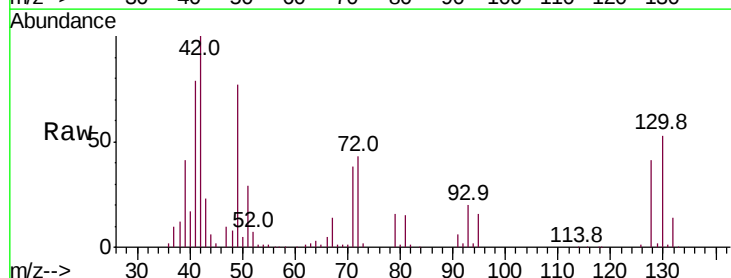
Tgt Ion: 49 Resp: 202727

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

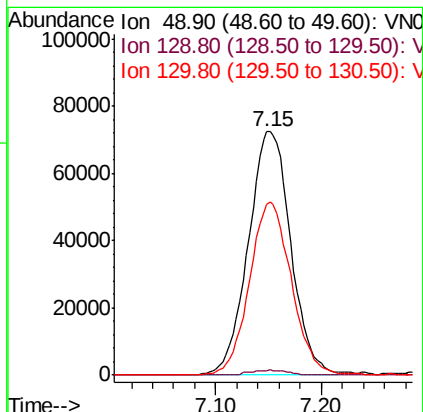
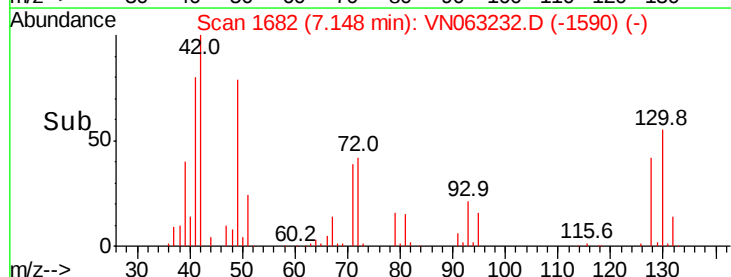
130 69.8 54.4 81.6

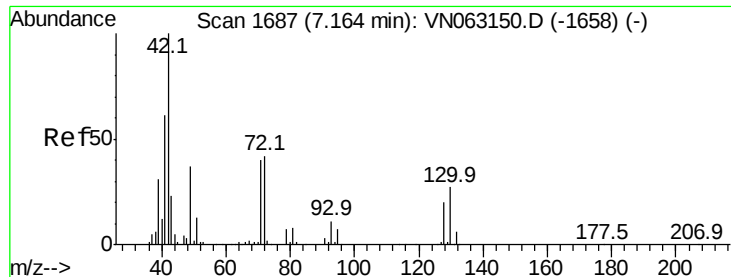


Abundance Ion 48.90 (48.60 to 49.60): VN063232.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063232.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063232.D (-1590) (-)

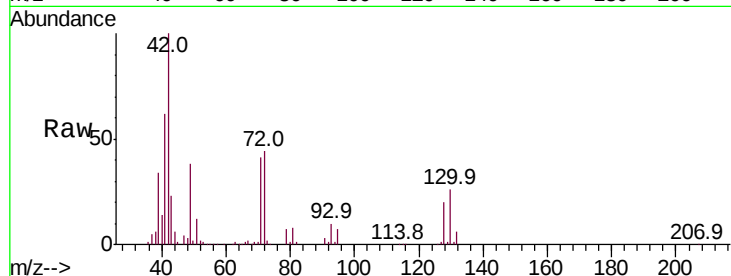




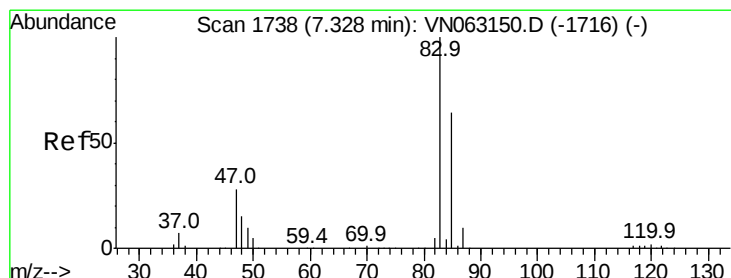
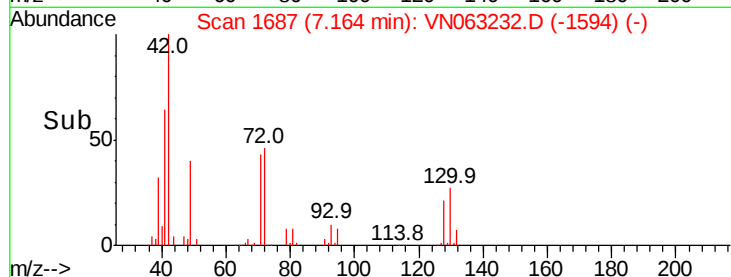
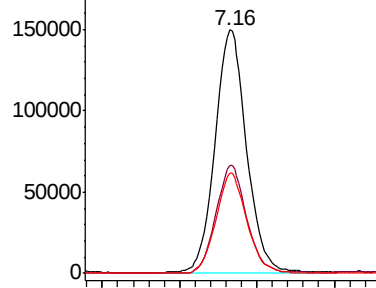
#29
Tetrahydrofuran
Concen: 240.220 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 424689
Ion Ratio Lower Upper
42 100
72 42.7 33.9 50.9
71 40.6 31.9 47.9

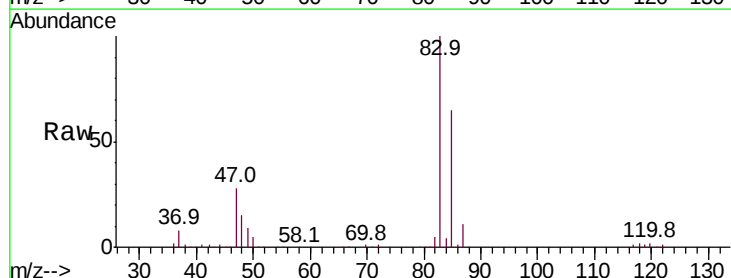


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

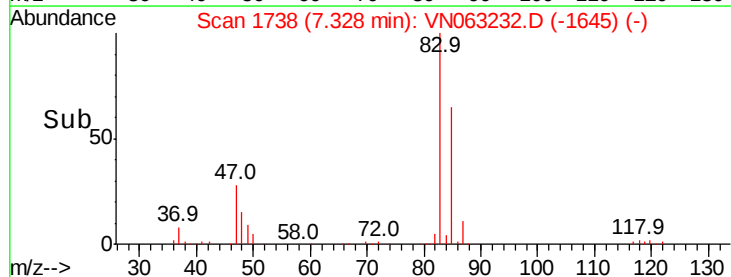
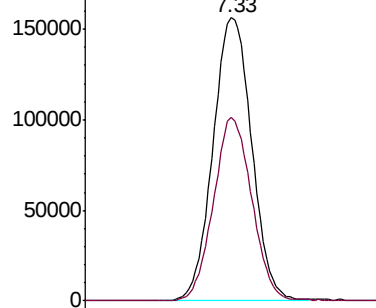


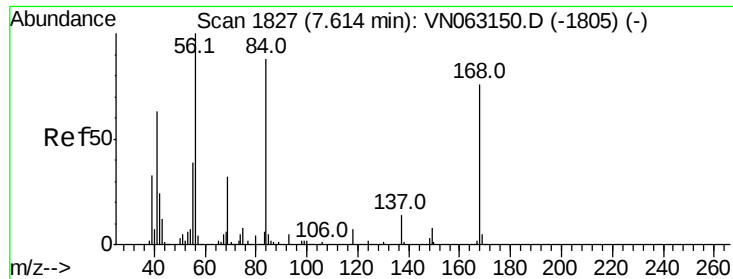
#30
Chloroform
Concen: 46.486 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion: 83 Resp: 416010
Ion Ratio Lower Upper
83 100
85 64.8 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

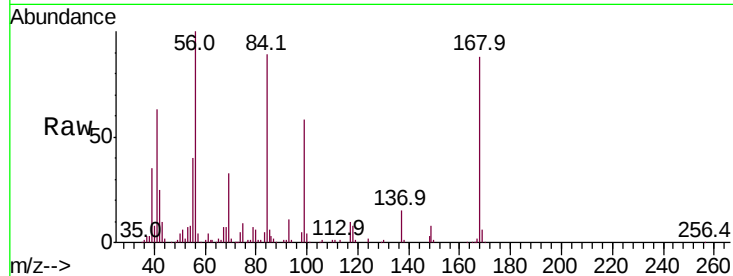




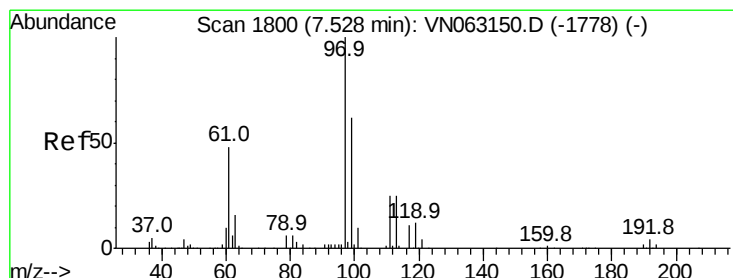
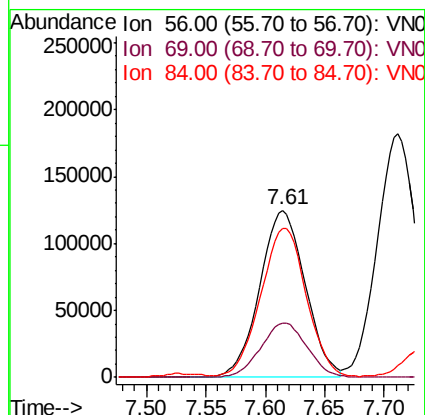
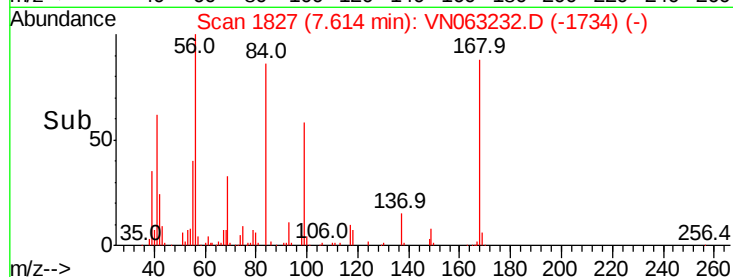
#31
Cyclohexane
Concen: 43.537 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 329879
Ion Ratio Lower Upper
56 100
69 32.8 25.4 38.0
84 87.5 70.2 105.4

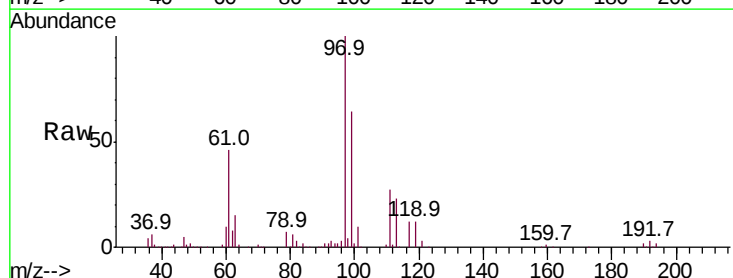


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

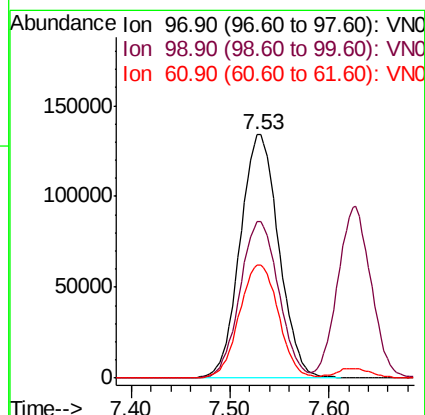
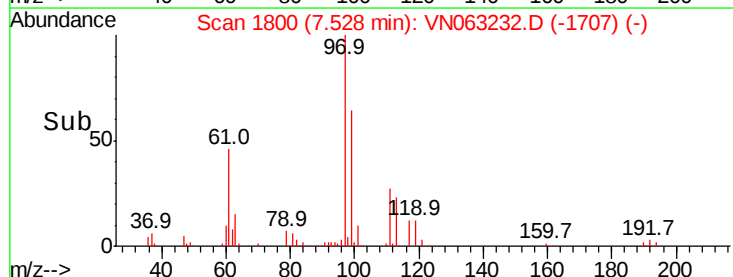


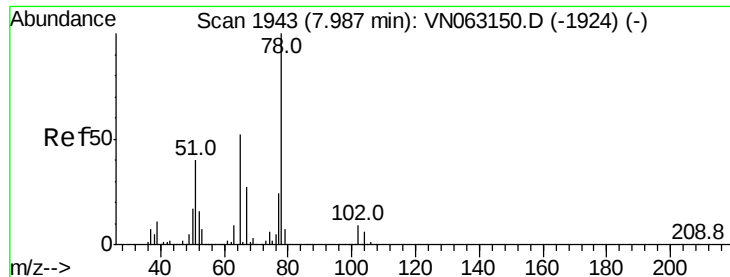
#32
1,1,1-Trichloroethane
Concen: 47.110 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion: 97 Resp: 363292
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 47.2 37.4 56.2



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 47.784 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

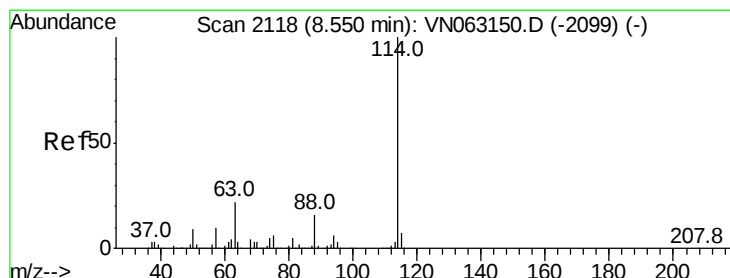
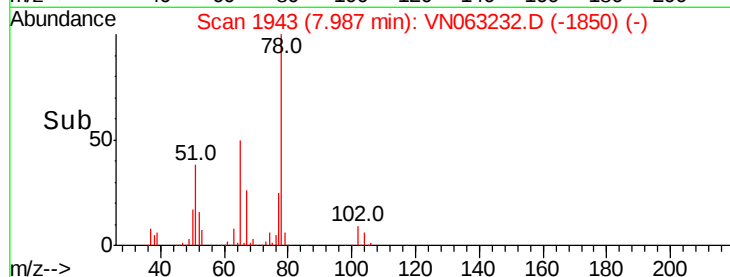
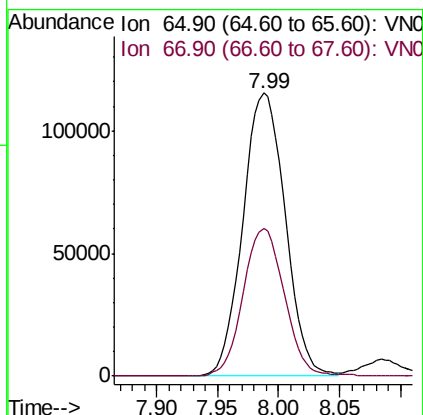
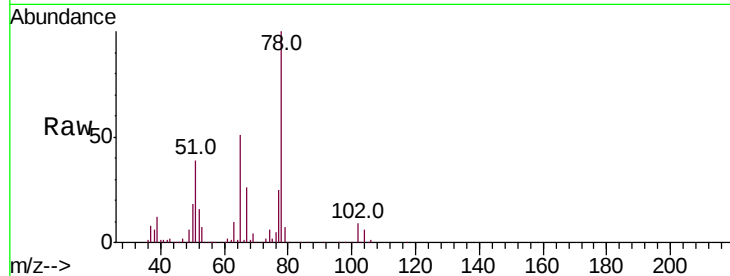
VSTDCCC050EC

Tot Ion: 65 Resp: 277561

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

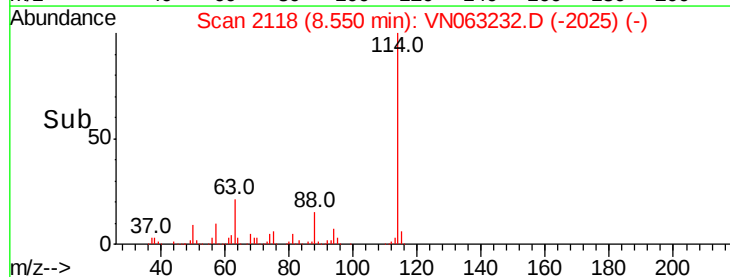
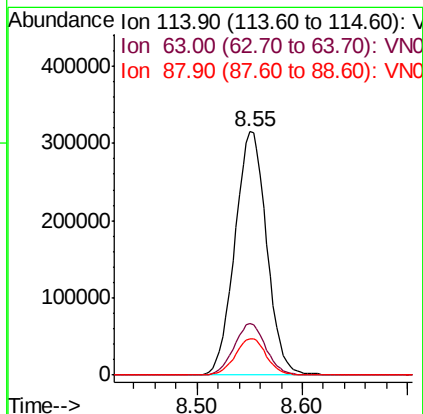
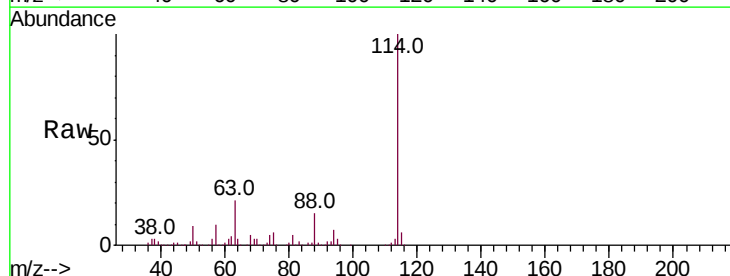
Tgt Ion: 114 Resp: 659921

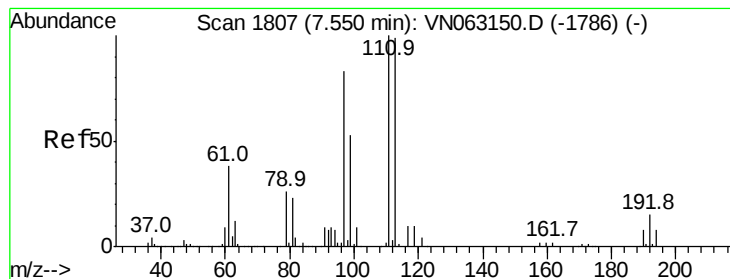
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 15.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.209 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

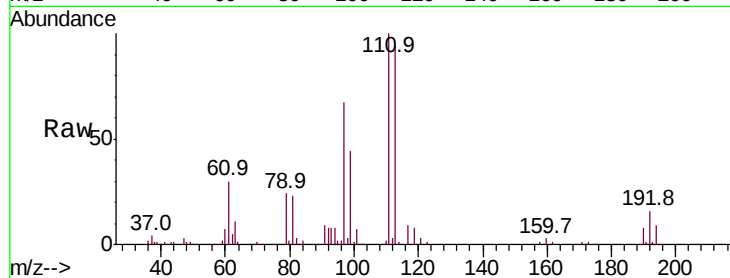
Tot Ion:113 Resp: 199869

Ion Ratio Lower Upper

113 100

111 106.0 80.7 121.1

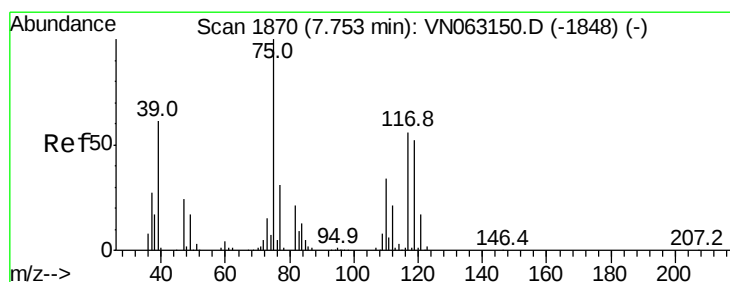
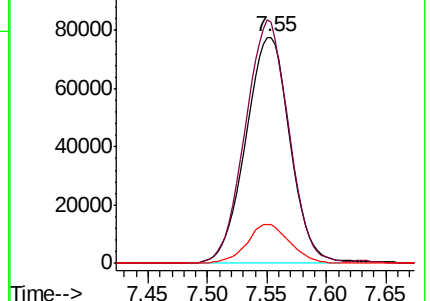
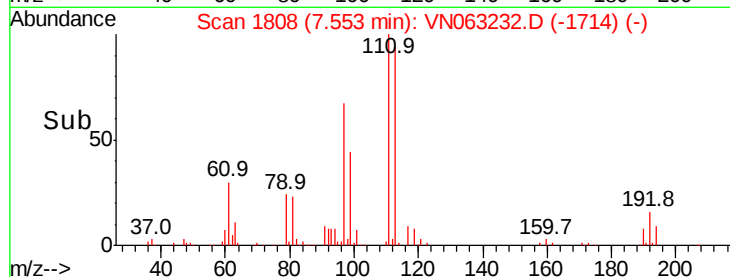
192 16.7 12.6 19.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.452 ug/l

RT: 7.76 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

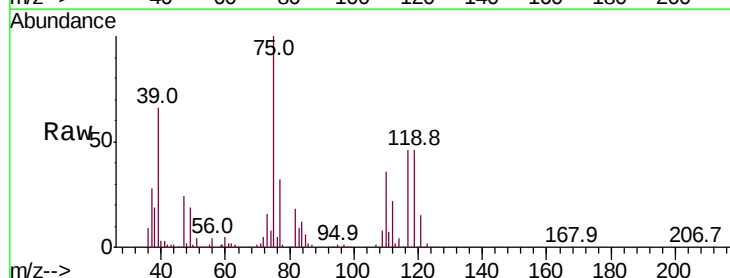
Tgt Ion: 75 Resp: 294699

Ion Ratio Lower Upper

75 100

110 34.6 16.6 49.8

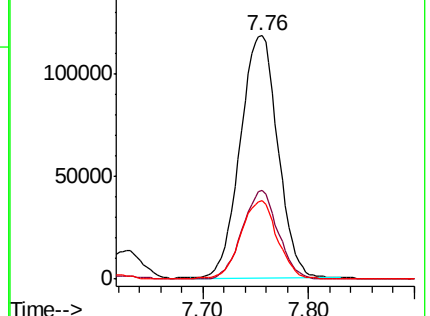
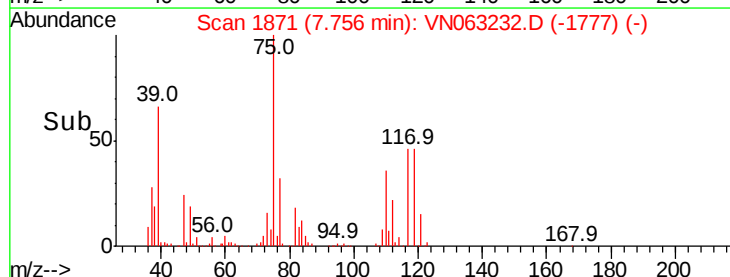
77 31.7 25.4 38.2

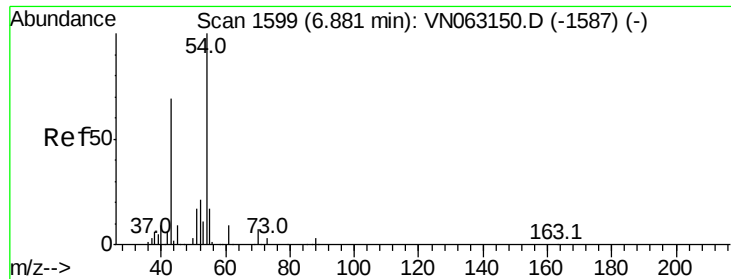


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

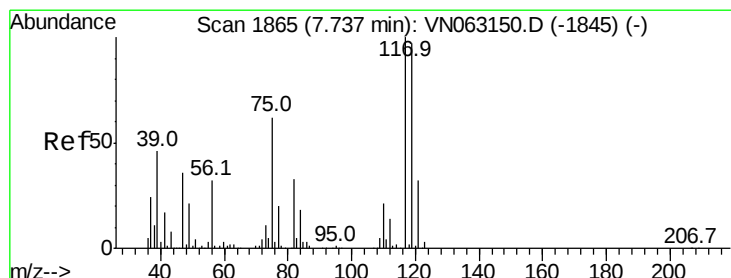
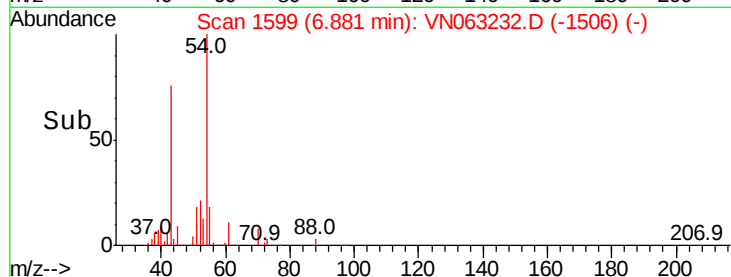
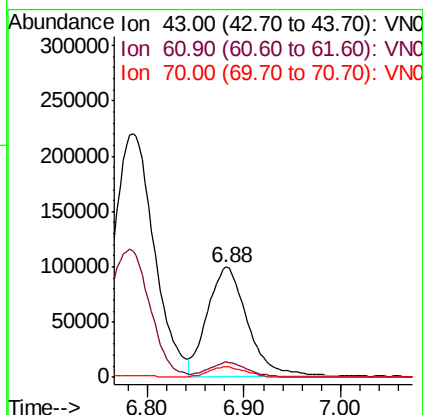
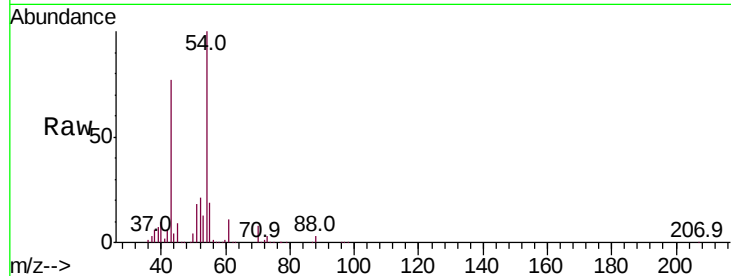




#37
Ethyl Acetate
Concen: 47.687 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

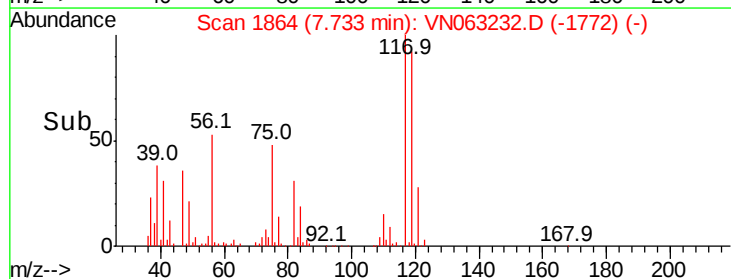
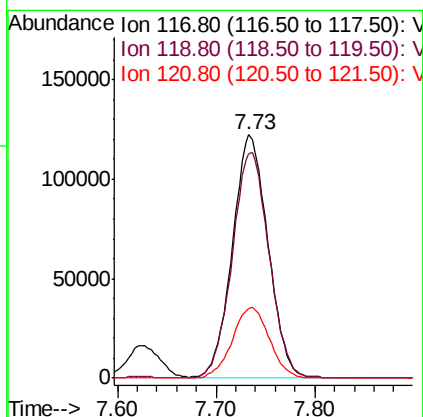
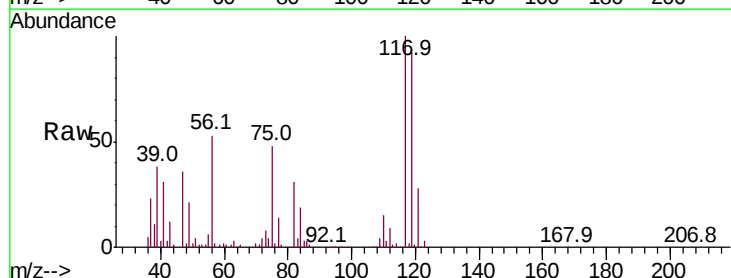
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

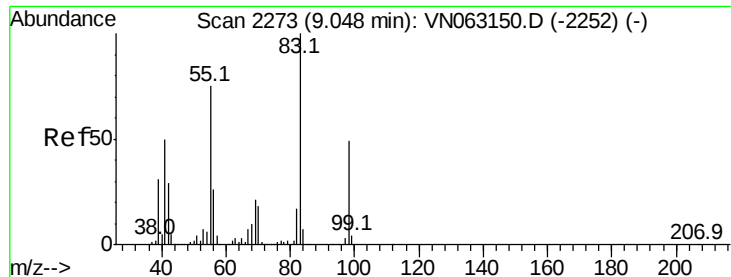
Tot Ion: 43 Resp: 285568
Ion Ratio Lower Upper
43 100
61 13.5 10.2 15.4
70 8.6 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 47.536 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion: 117 Resp: 305837
Ion Ratio Lower Upper
117 100
119 92.4 77.2 115.8
121 28.5 25.6 38.4

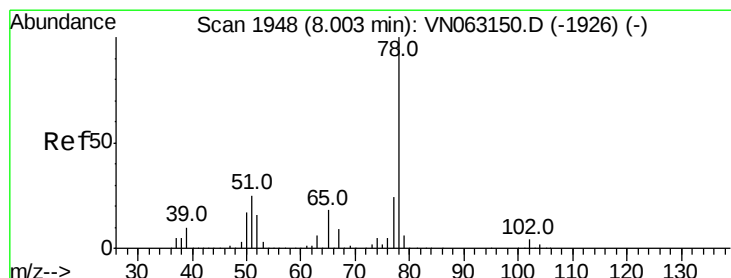
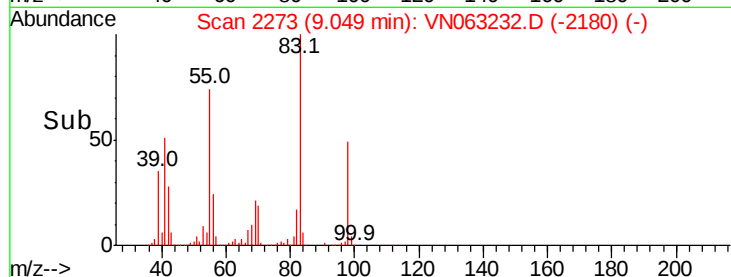
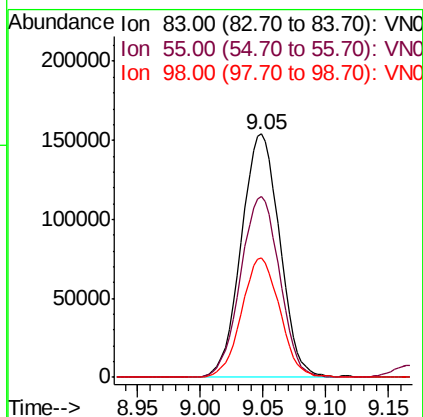
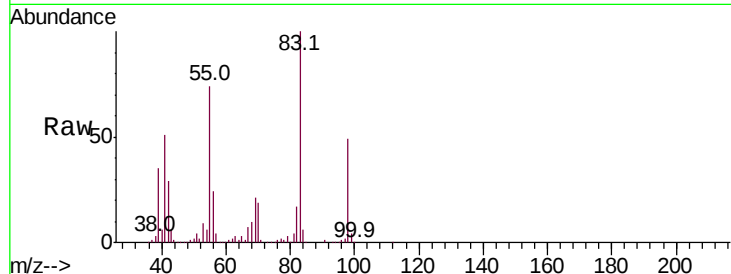




#39
Methvlcvclohexane
Concen: 46.194 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

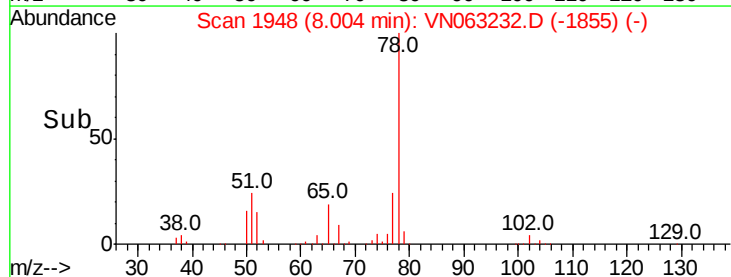
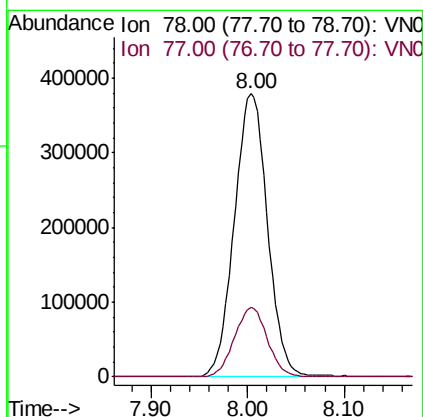
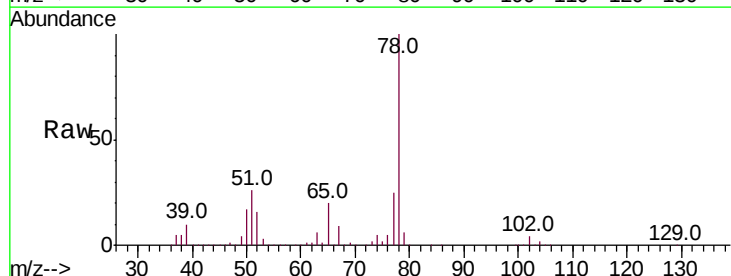
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

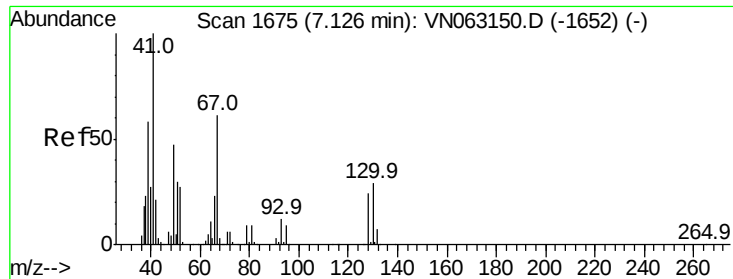
Tot Ion	83	Resp	329229
Ion	Ratio	Lower	Upper
83	100		
55	74.1	60.3	90.5
98	48.8	38.9	58.3



#40
Benzene
Concen: 48.515 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion	78	Resp	904461
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.3	28.9

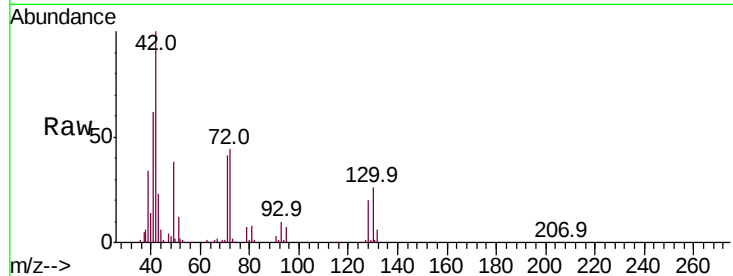




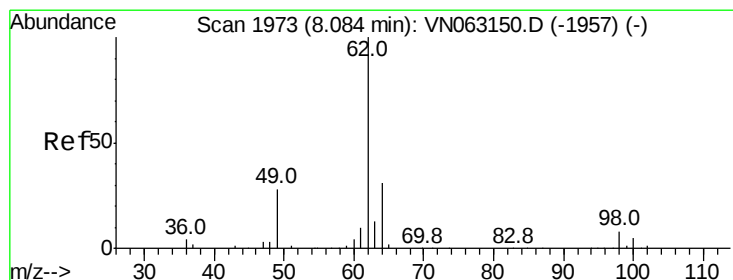
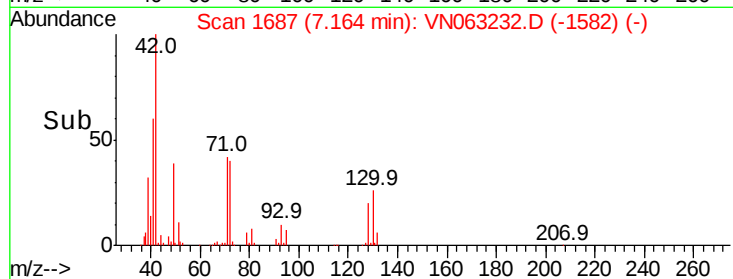
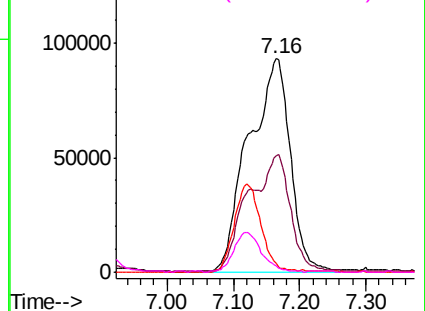
#41
Methacrylonitrile
Concen: 151.762 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.6	70.0#
67	0.0	62.6	94.0#
52	0.0	28.0	42.0#

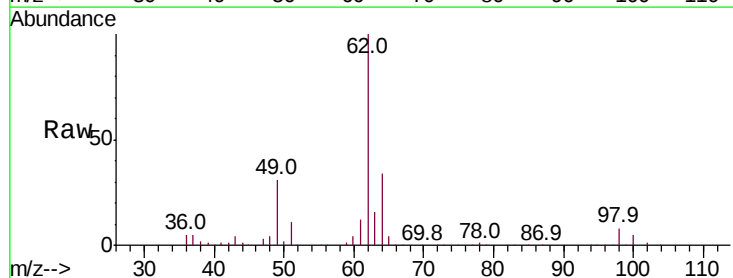


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

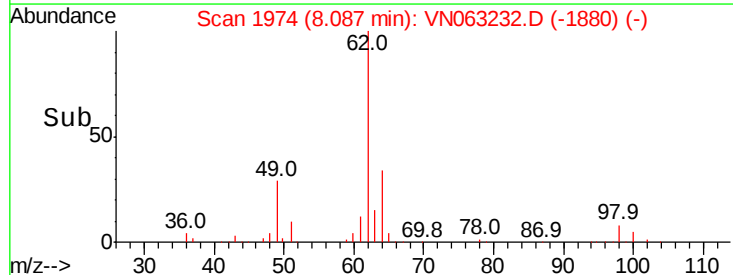
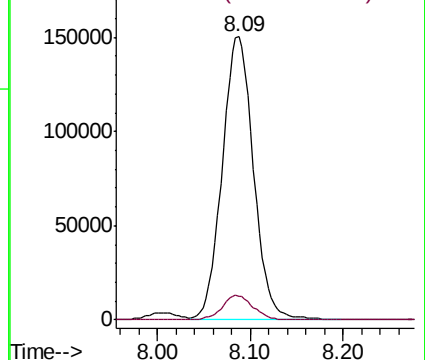


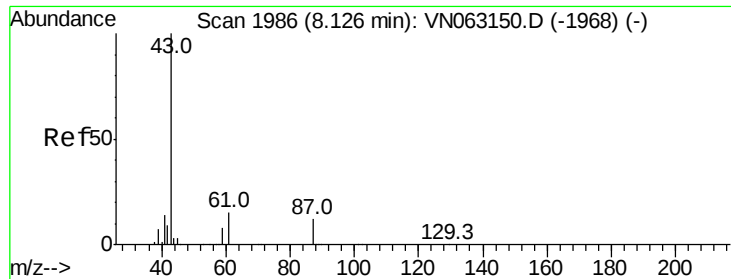
#42
1,2-Dichloroethane
Concen: 50.270 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 49.539 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

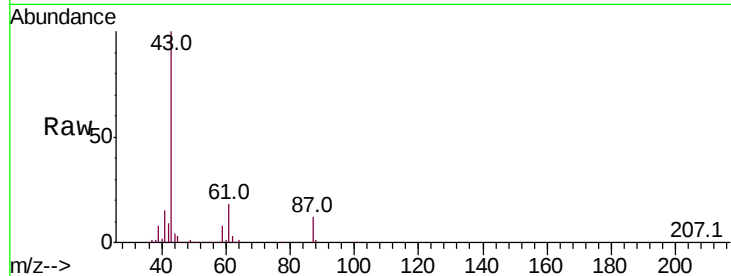
Tot Ion: 43 Resp: 512554

Ion Ratio Lower Upper

43 100

61 17.5 20.2 30.4#

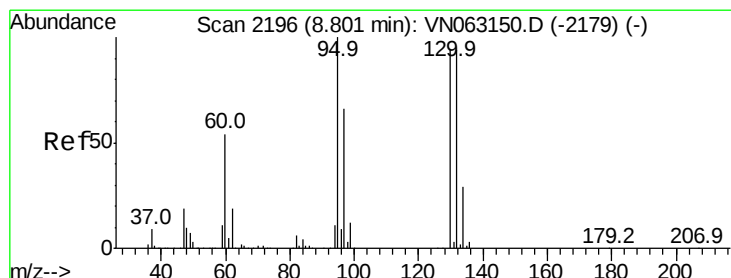
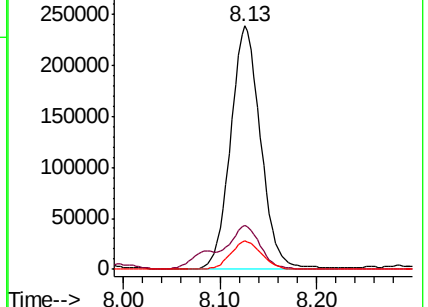
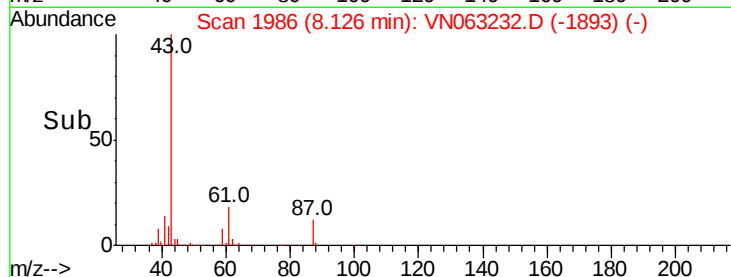
87 12.0 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063150.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1968) (-)



#44

Trichloroethene

Concen: 51.655 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063232.D

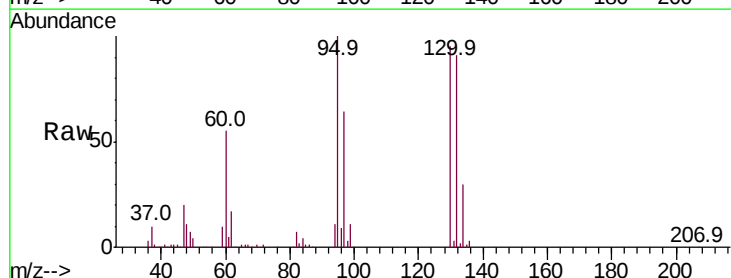
Acq: 3 Sep 2020 20:00

Tgt Ion:130 Resp: 233586

Ion Ratio Lower Upper

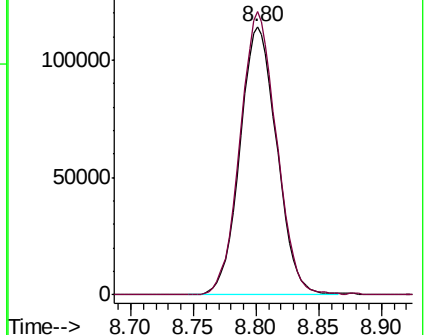
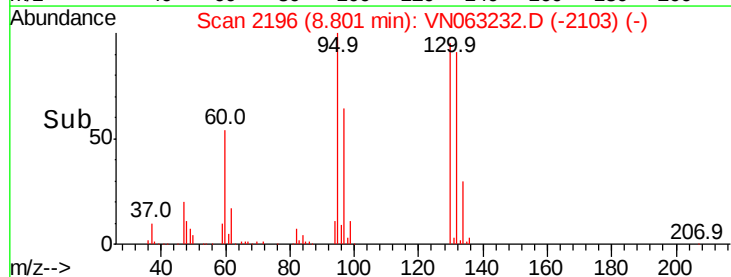
130 100

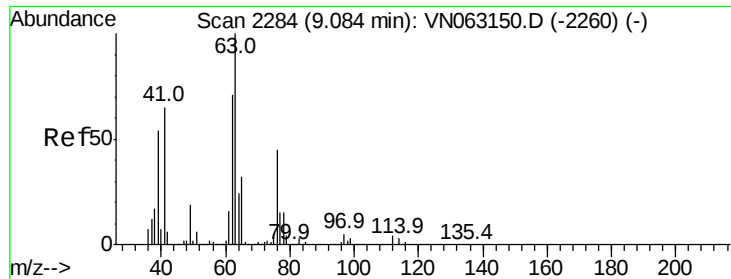
95 105.5 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063150.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063150.D (-2179) (-)

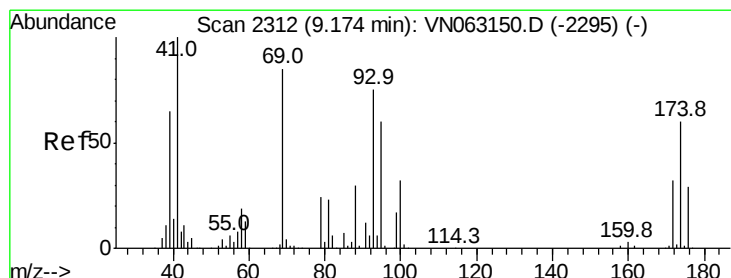
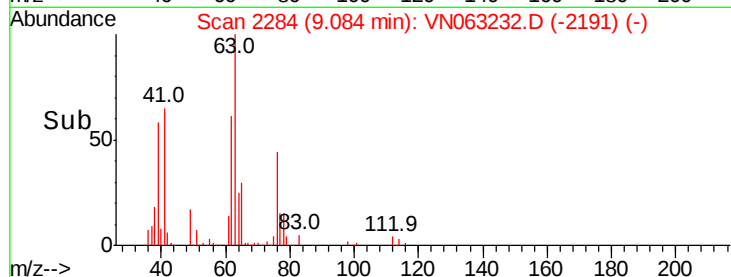
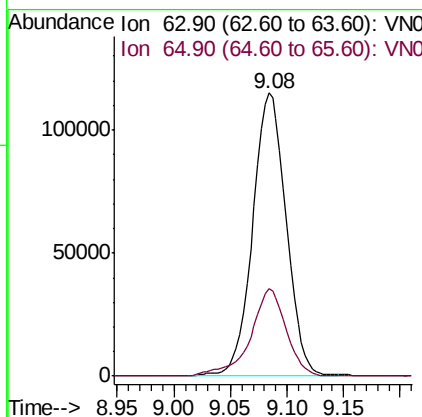
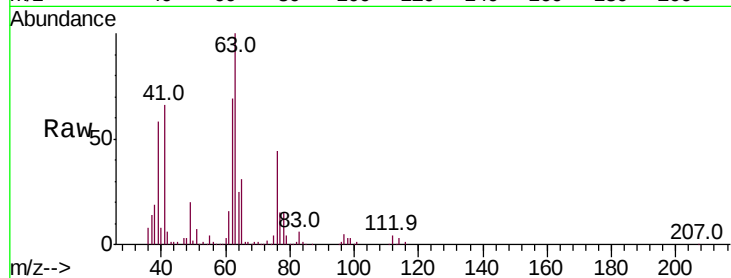




#45
 1,2-Dichloropropane
 Concen: 48.002 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

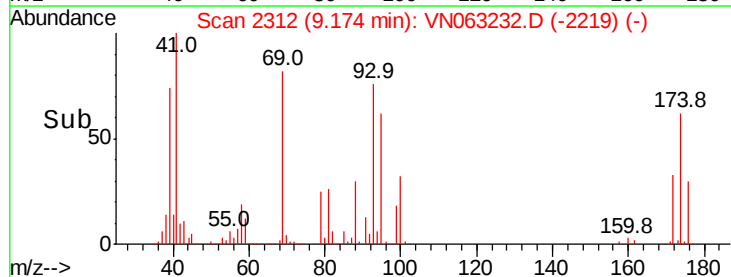
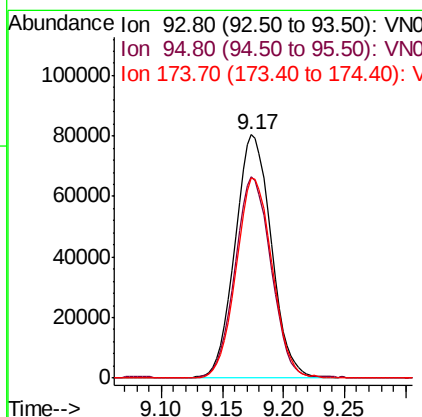
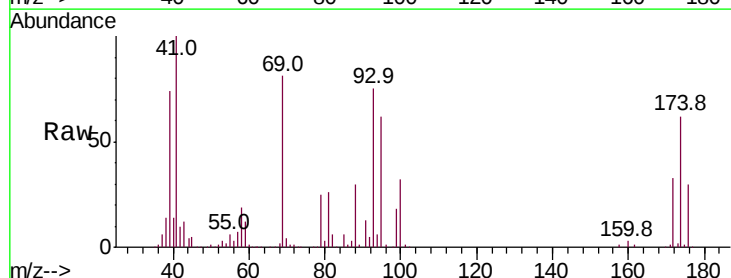
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

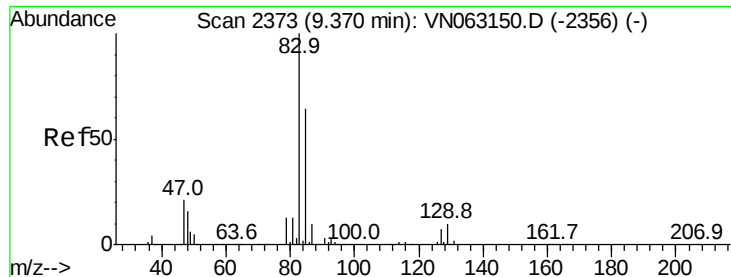
Tot Ion: 63 Resp: 236939
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.0



#46
 Dibromomethane
 Concen: 50.643 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

Tgt Ion: 93 Resp: 165659
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.2 97.8
 174 81.6 64.6 97.0





#47

Bromodichloromethane

Concen: 48.727 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

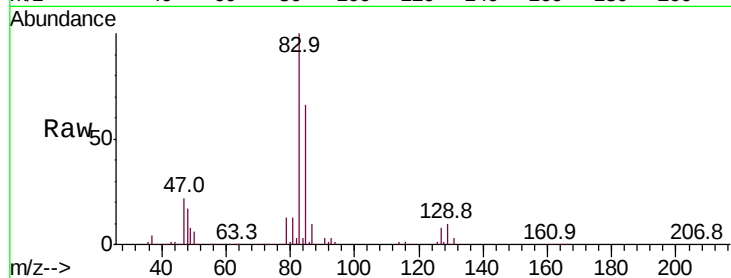
Tot Ion: 83 Resp: 341646

Ion Ratio Lower Upper

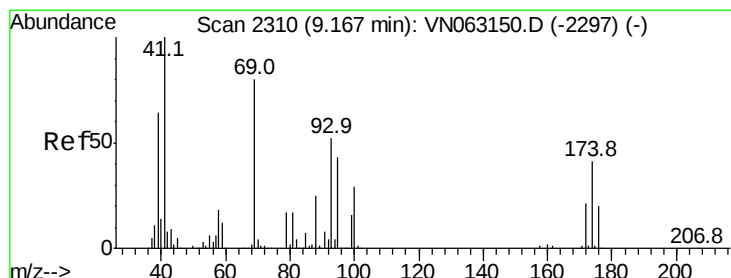
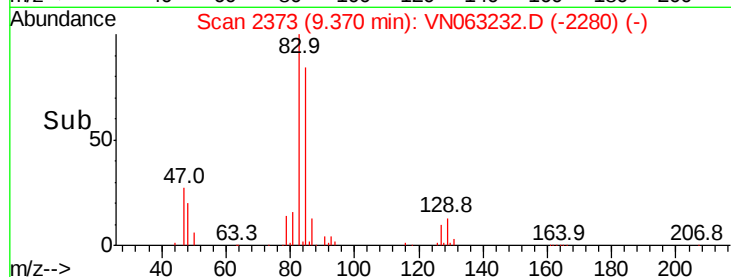
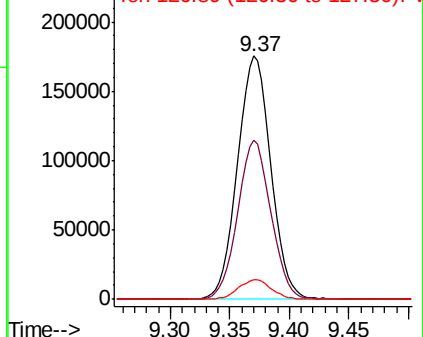
83 100

85 65.5 51.0 76.6

127 7.8 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 49.828 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

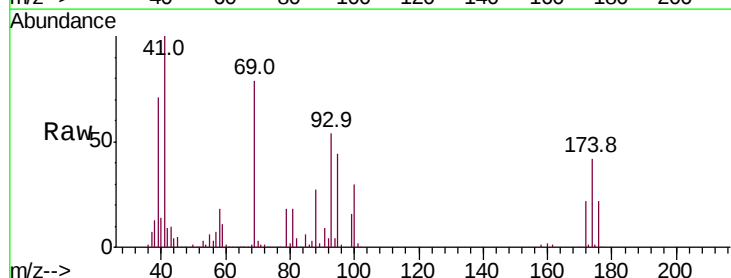
Tgt Ion: 41 Resp: 232407

Ion Ratio Lower Upper

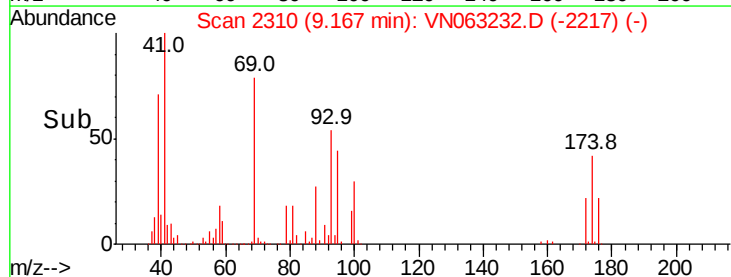
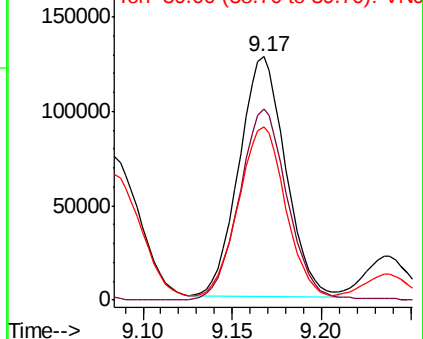
41 100

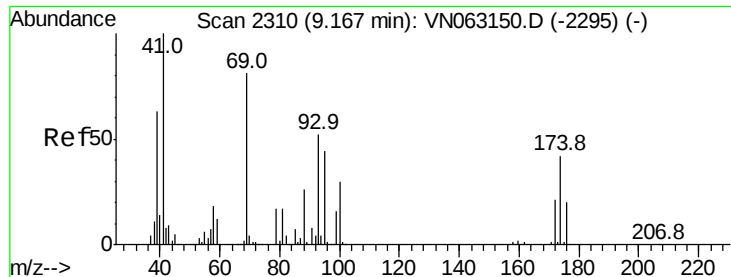
69 82.6 65.9 98.9

39 73.8 52.0 78.0



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





#49

1,4-Dioxane

Concen: 997.715 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

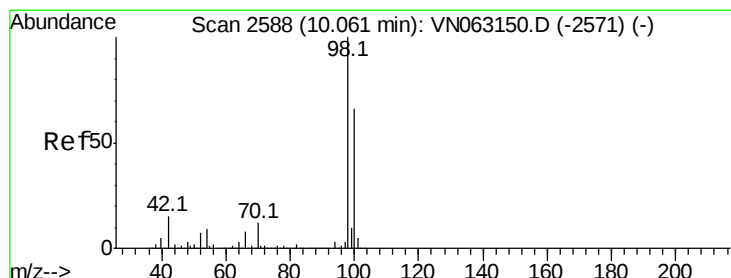
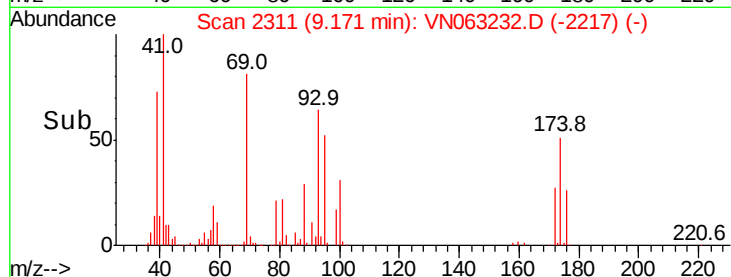
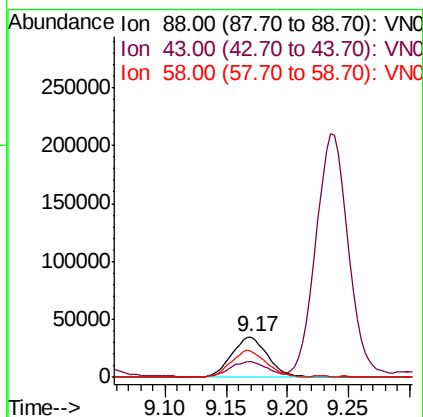
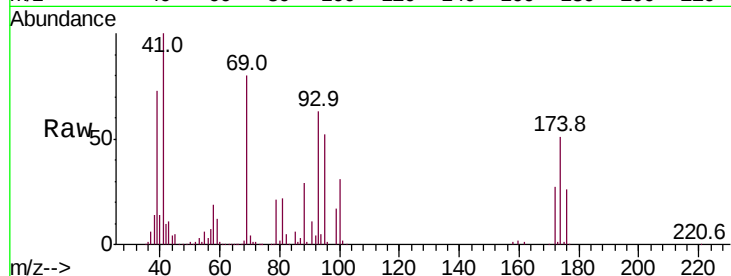
Tot Ion: 88 Resp: 71976

Ion Ratio Lower Upper

88 100

43 37.1 28.6 42.8

58 65.6 53.2 79.8



#50

Toluene-d8

Concen: 48.108 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063232.D

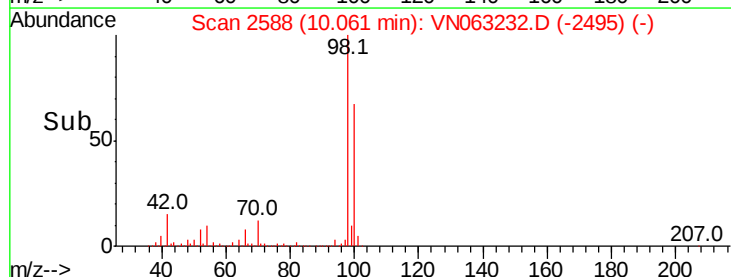
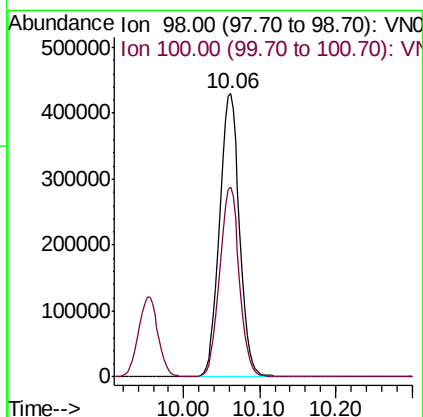
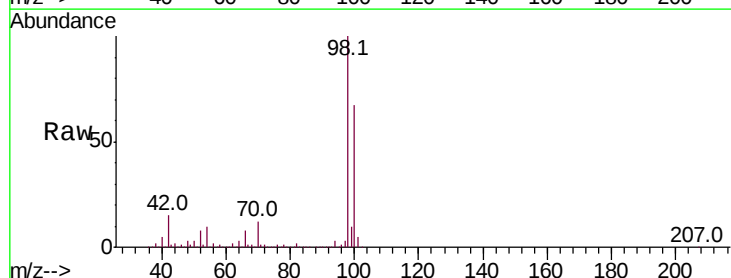
Acq: 3 Sep 2020 20:00

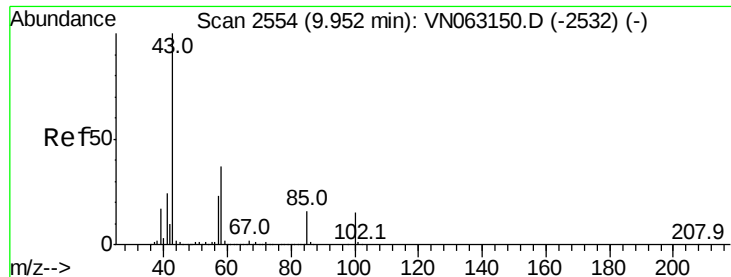
Tgt Ion: 98 Resp: 783946

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 268.702 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

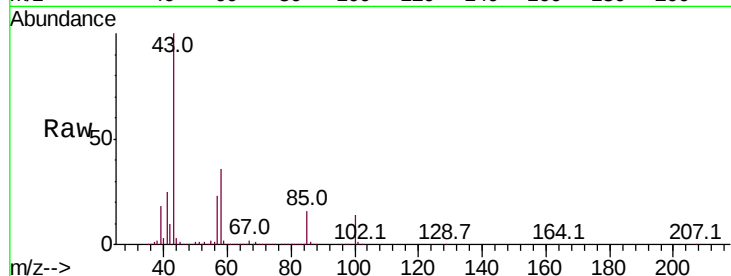
VSTDCCC050EC

Tot Ion: 43 Resp: 1510720

Ion Ratio Lower Upper

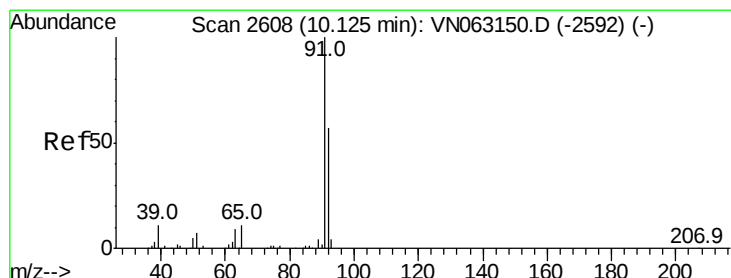
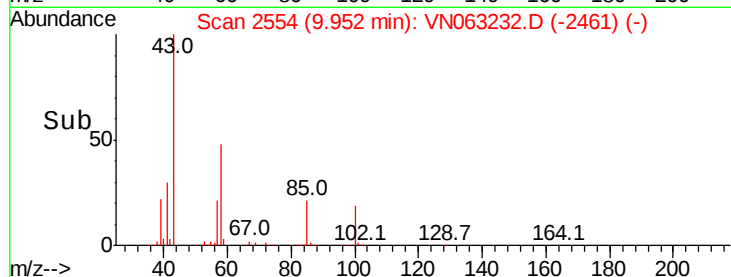
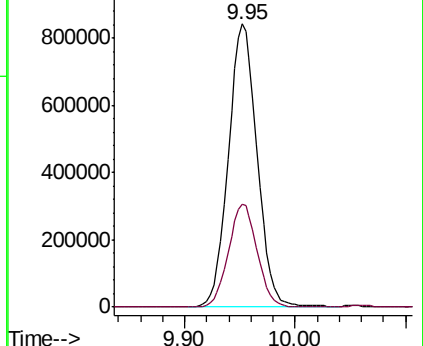
43 100

58 36.4 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063232.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063232.D (-2532) (-)



#52

Toluene

Concen: 49.881 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063232.D

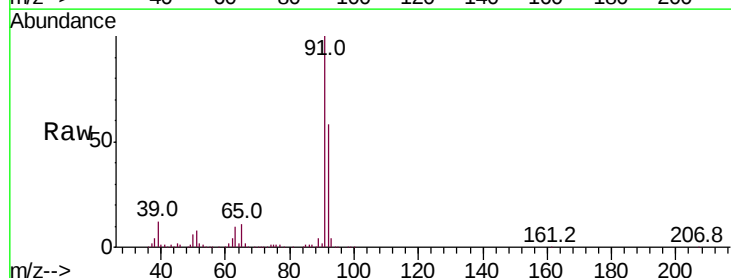
Acq: 3 Sep 2020 20:00

Tgt Ion: 92 Resp: 579293

Ion Ratio Lower Upper

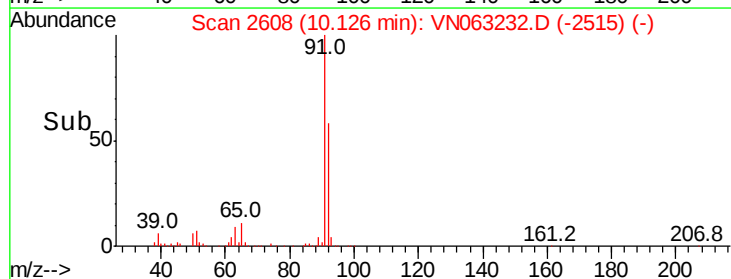
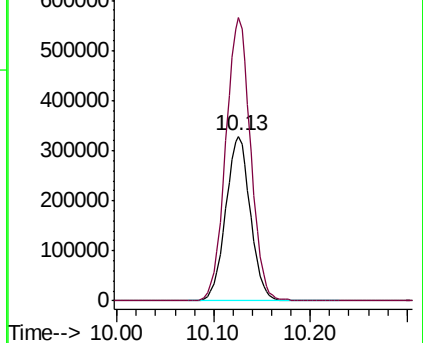
92 100

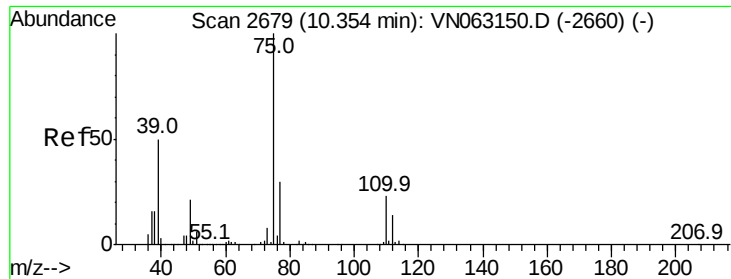
91 173.8 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063232.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063232.D (-2592) (-)

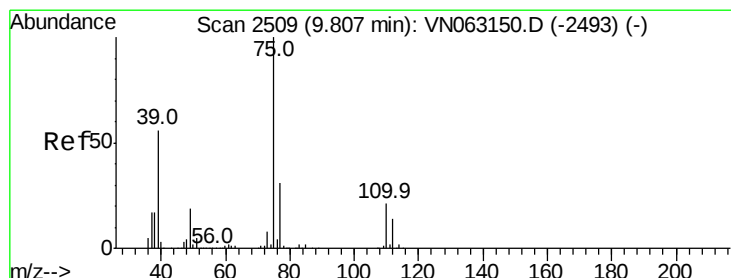
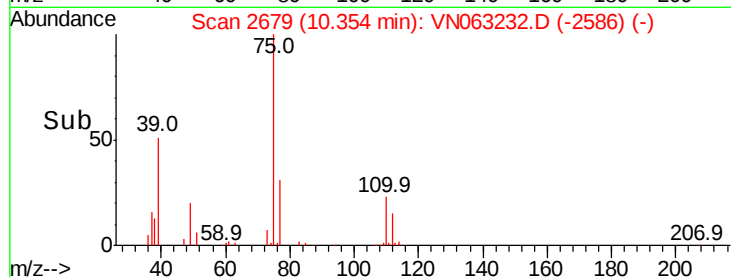
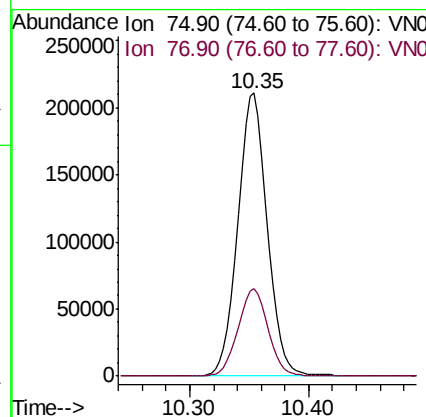
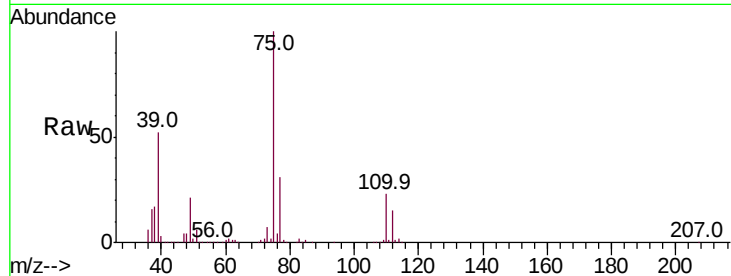




#53
 t-1,3-Dichloropropene
 Concen: 47.099 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

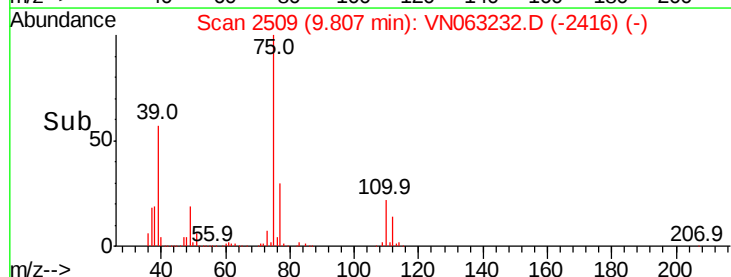
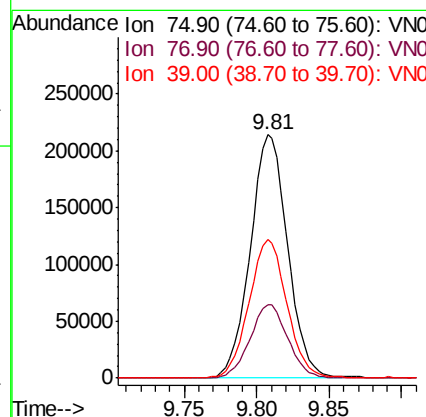
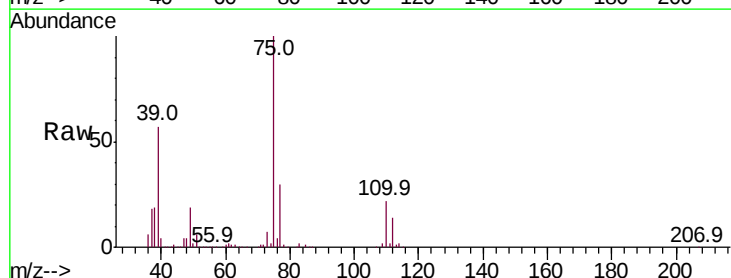
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

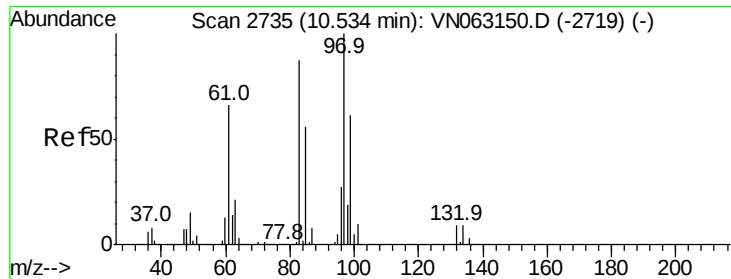
Tot Ion: 75 Resp: 361230
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.2 36.2



#54
 cis-1,3-Dichloropropene
 Concen: 47.609 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

Tgt Ion: 75 Resp: 383285
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.8 37.2
 39 56.7 45.0 67.6

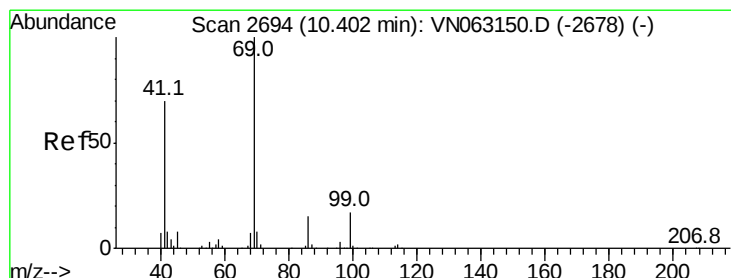
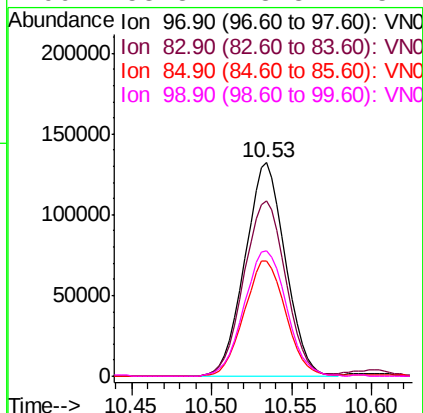
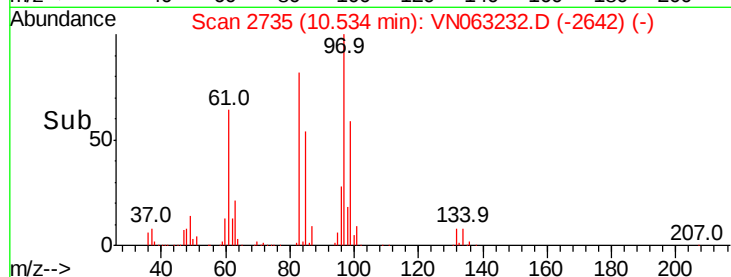
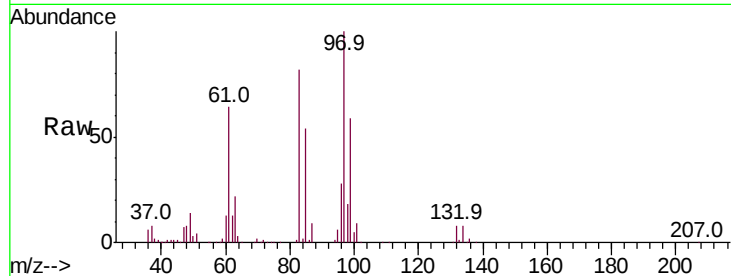




#55
 1,1,2-Trichloroethane
 Concen: 51.500 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

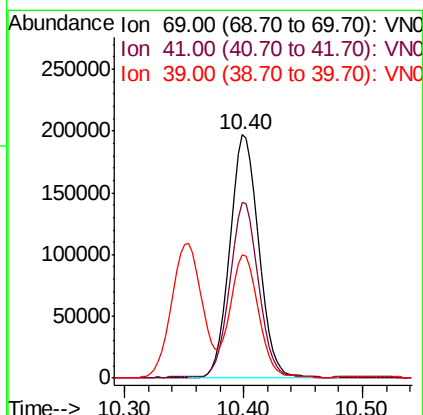
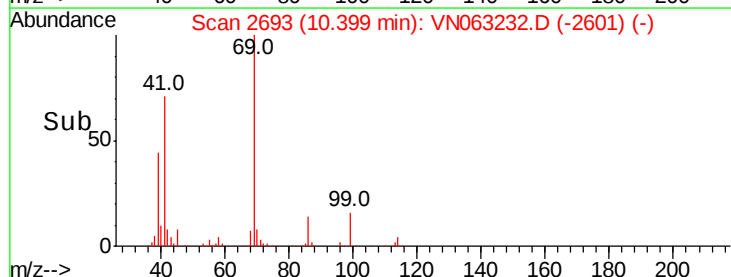
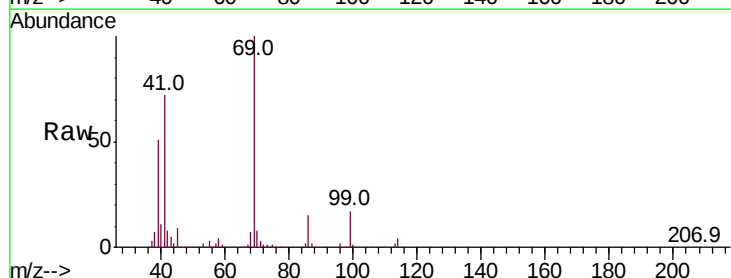
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

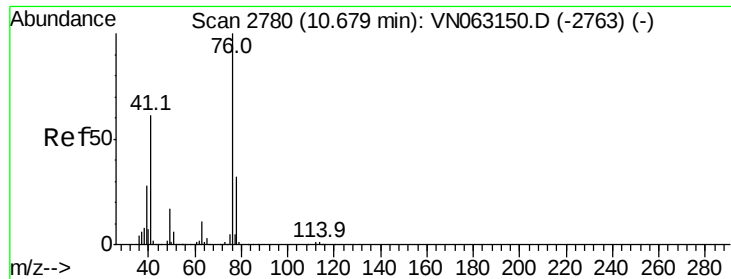
Tot Ion:	97	Resp:	229051
Ion	Ratio	Lower	Upper
97	100		
83	82.1	69.8	104.8
85	54.0	44.9	67.3
99	58.8	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 49.196 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

Tgt Ion:	69	Resp:	332989
Ion	Ratio	Lower	Upper
69	100		
41	71.2	55.5	83.3
39	49.8	38.2	57.2





#57

1,3-Dichloropropane

Concen: 49.473 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

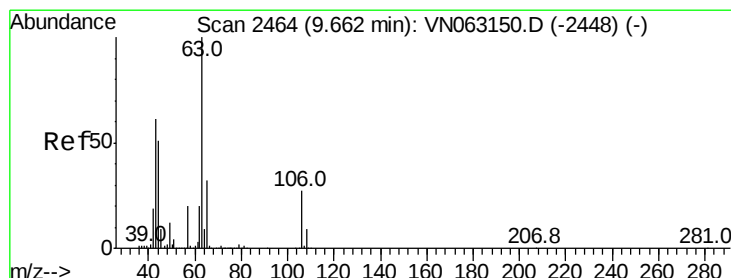
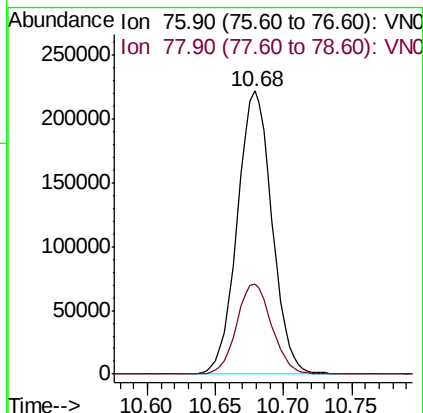
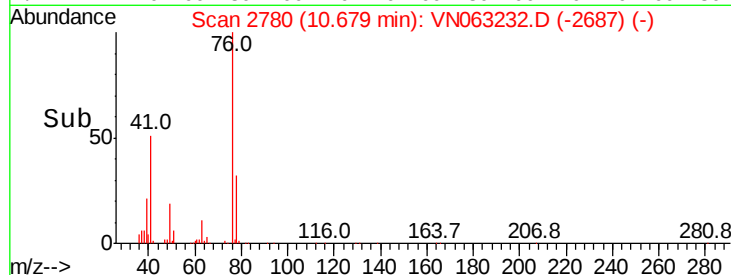
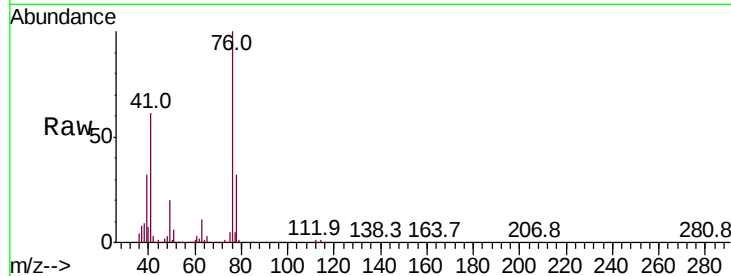
VSTDCCC050EC

Tot Ion: 76 Resp: 391987

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 240.892 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063232.D

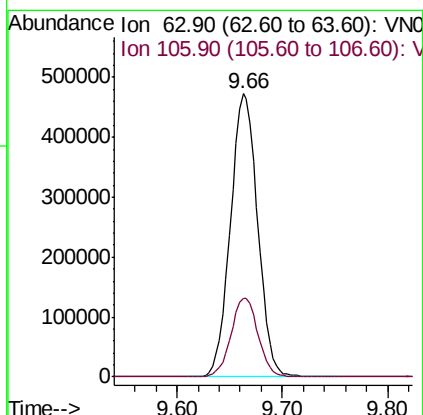
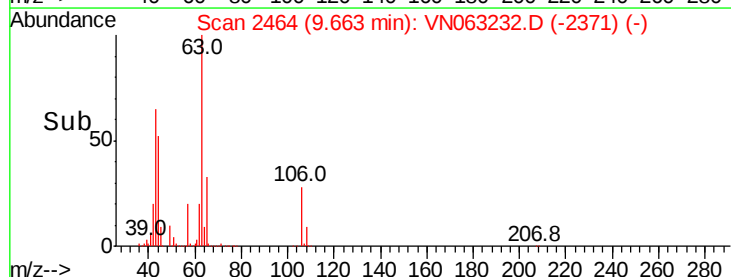
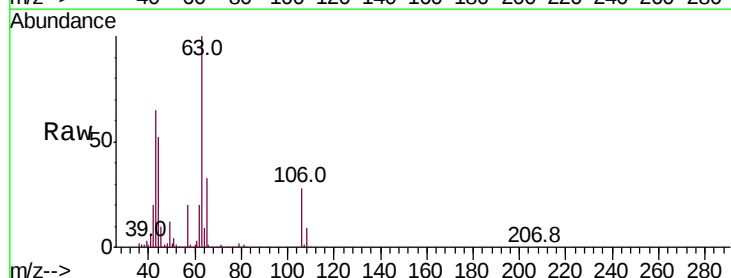
Acq: 3 Sep 2020 20:00

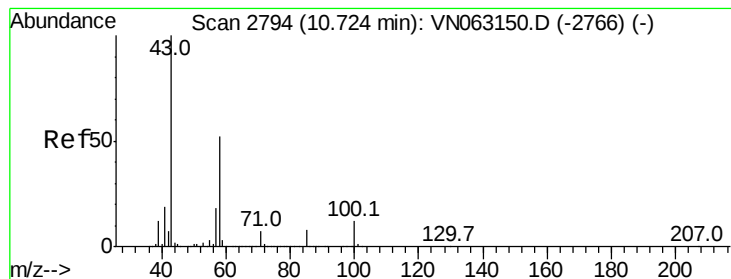
Tgt Ion: 63 Resp: 844332

Ion Ratio Lower Upper

63 100

106 27.7 21.8 32.6





#59

2-Hexanone

Concen: 277.113 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

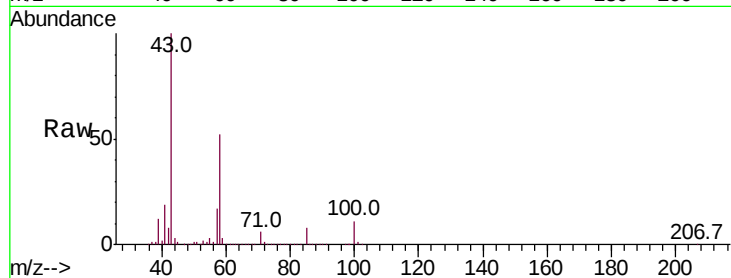
VSTDCCC050EC

Tot Ion: 43 Resp: 1094948

Ion Ratio Lower Upper

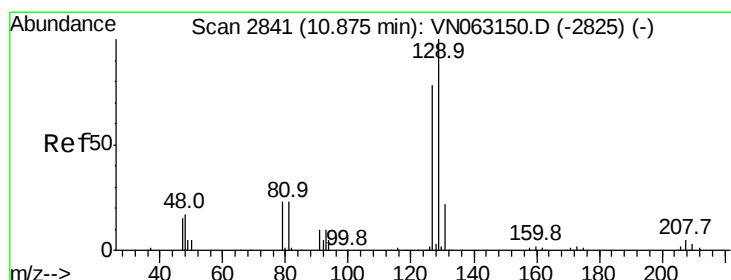
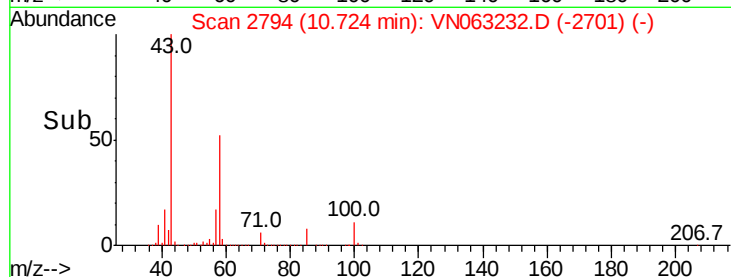
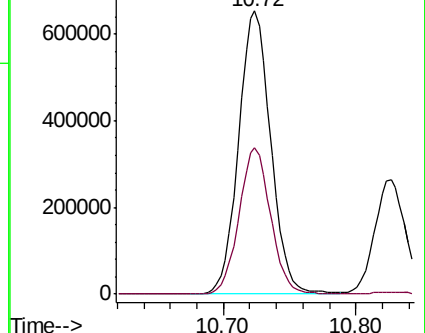
43 100

58 51.1 25.9 77.8



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2766) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2766) (-)



#60

Dibromochloromethane

Concen: 50.784 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063232.D

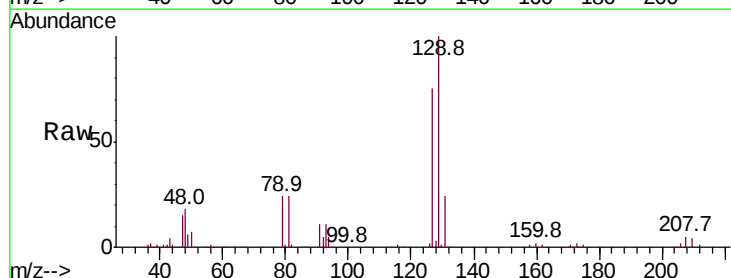
Acq: 3 Sep 2020 20:00

Tgt Ion: 129 Resp: 249711

Ion Ratio Lower Upper

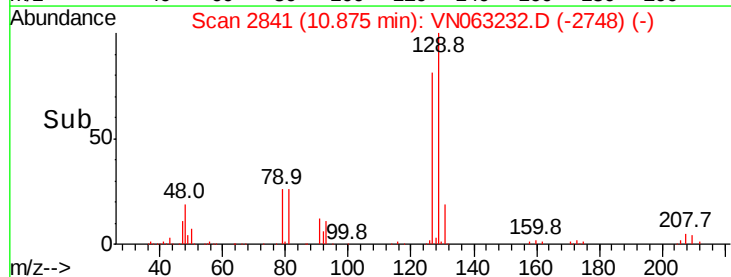
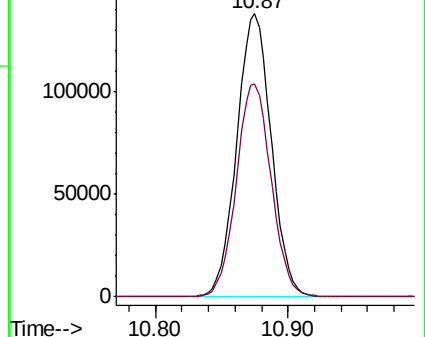
129 100

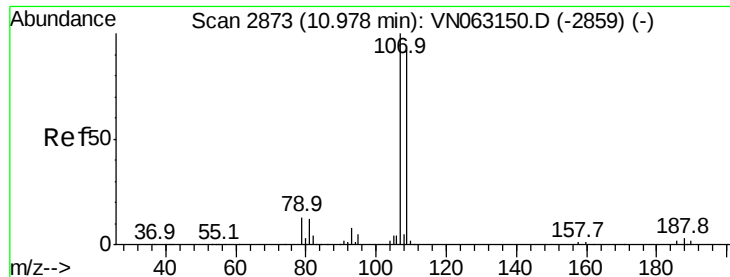
127 75.9 39.0 117.0



Abundance Ion 128.80 (128.50 to 129.50): VN063150.D (-2825) (-)

Ion 126.80 (126.50 to 127.50): VN063150.D (-2825) (-)

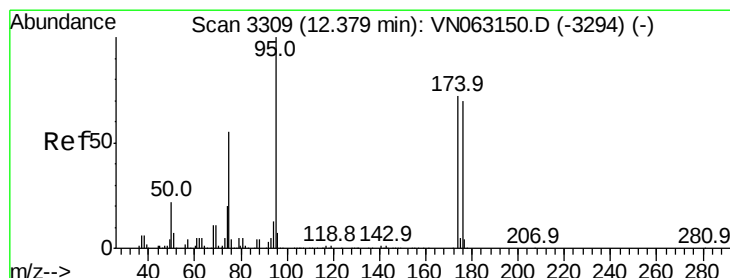
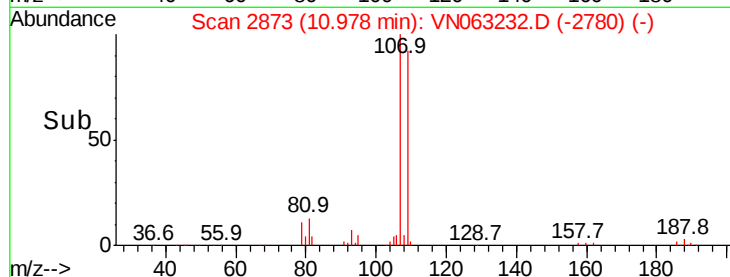
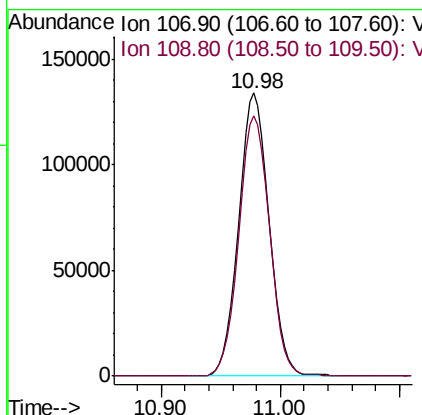
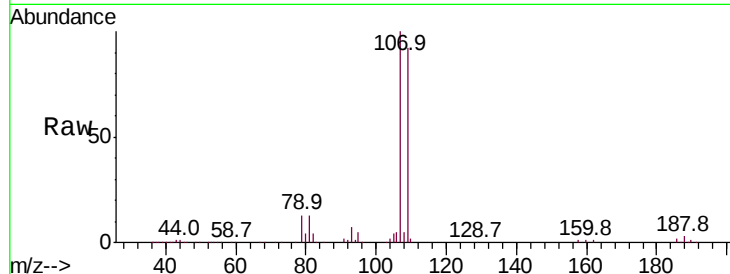




#61
 1,2-Dibromoethane
 Concen: 51.278 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

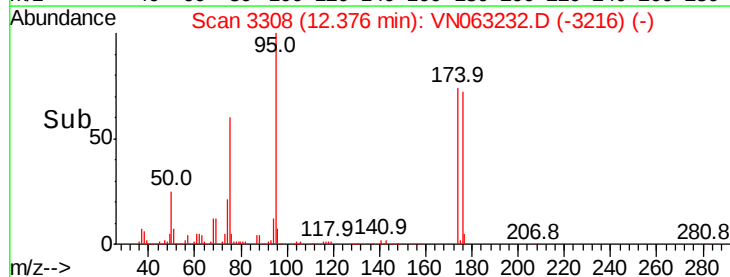
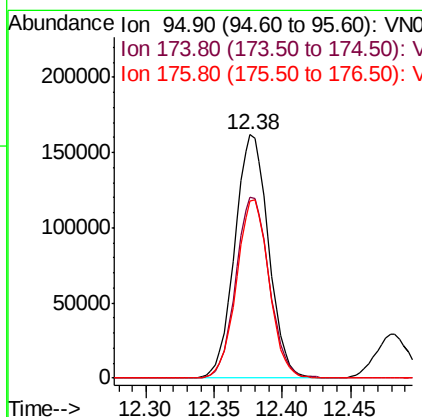
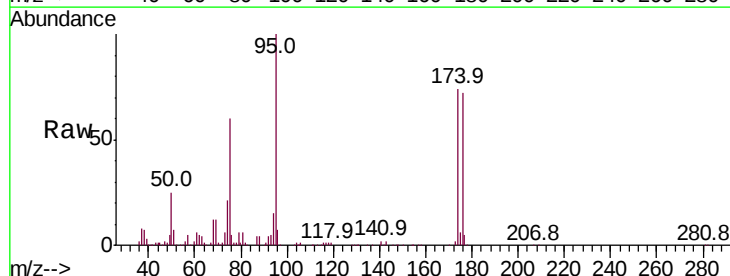
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

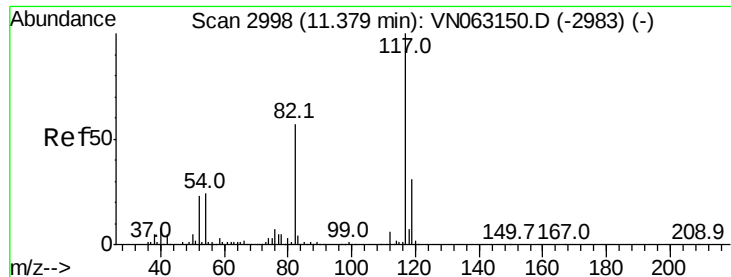
Tot Ion:107 Resp: 237081
 Ion Ratio Lower Upper
 107 100
 109 93.2 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 48.807 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

Tgt Ion: 95 Resp: 278215
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 143.8
 176 70.3 0.0 138.4

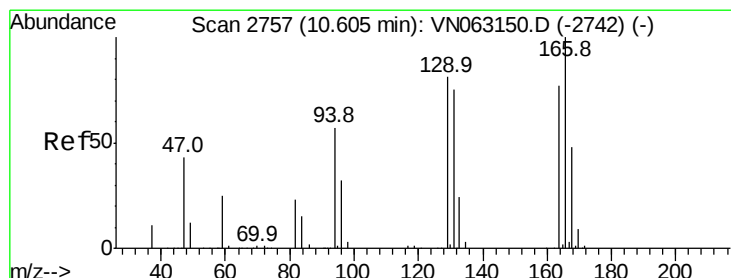
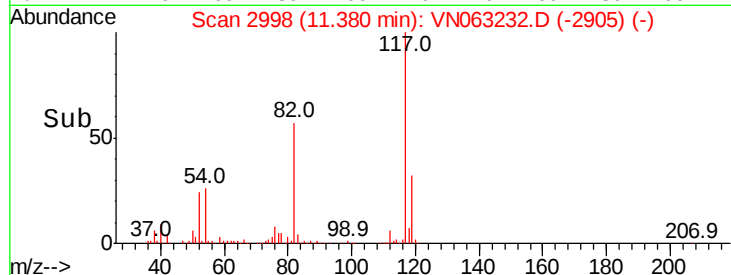
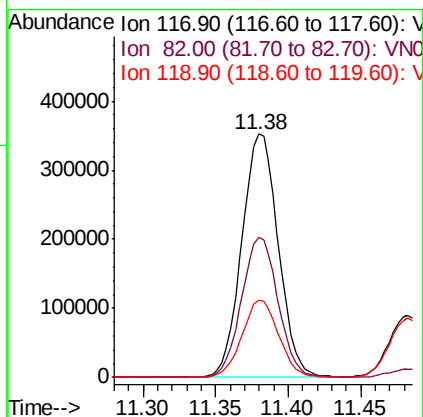
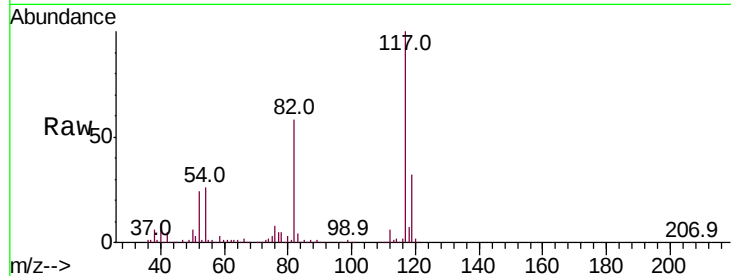




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

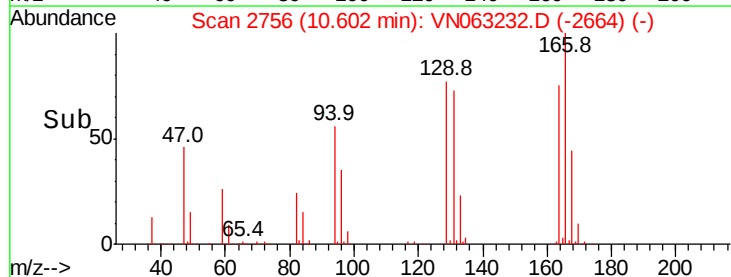
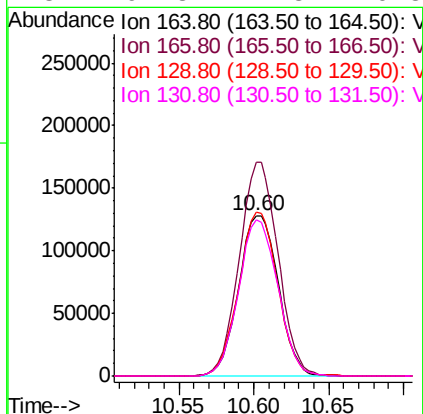
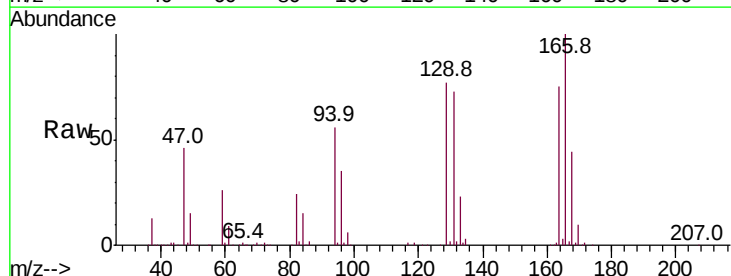
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

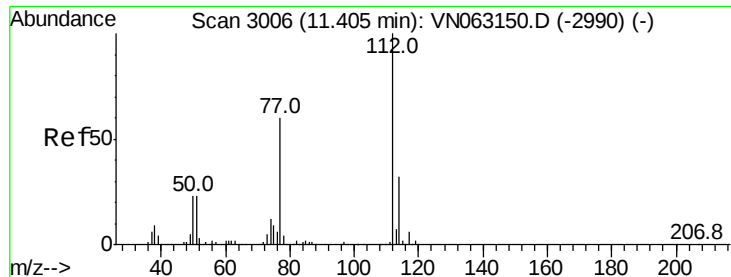
Tot Ion:117 Resp: 617442
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 31.8 24.6 37.0



#64
Tetrachloroethene
Concen: 53.461 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion:164 Resp: 237037
Ion Ratio Lower Upper
164 100
166 132.8 103.4 155.2
129 101.6 83.4 125.0
131 97.3 77.8 116.8

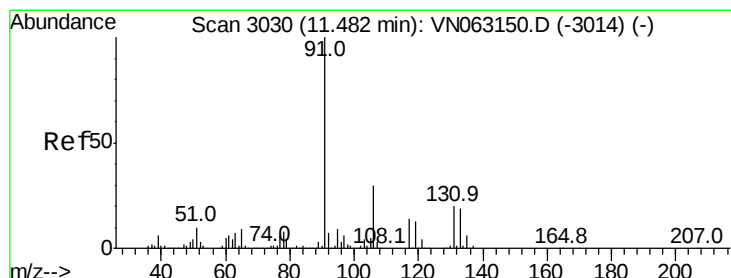
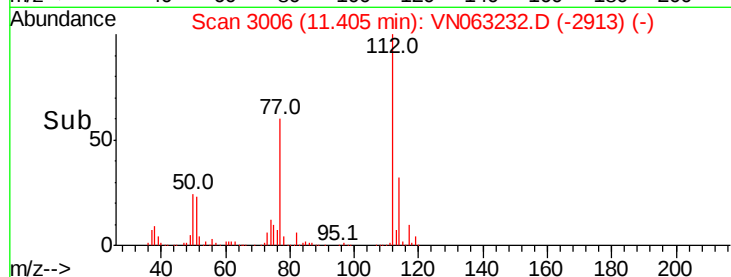
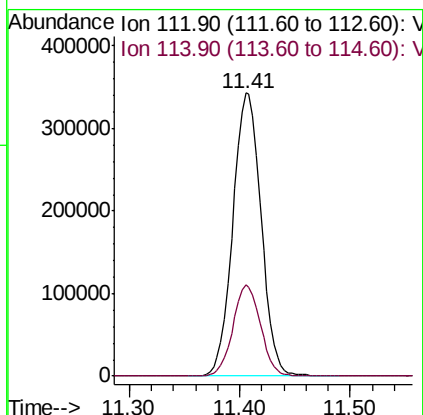
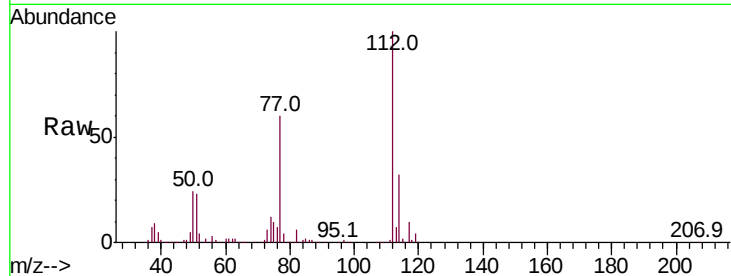




#65
Chlorobenzene
Concen: 48.911 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

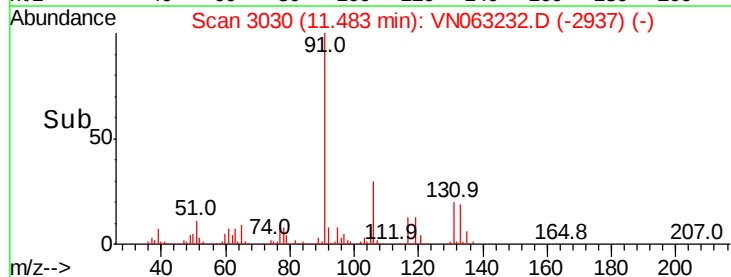
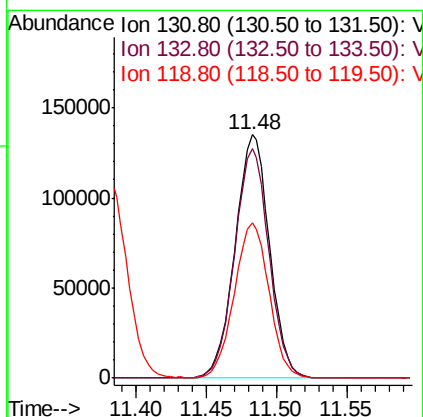
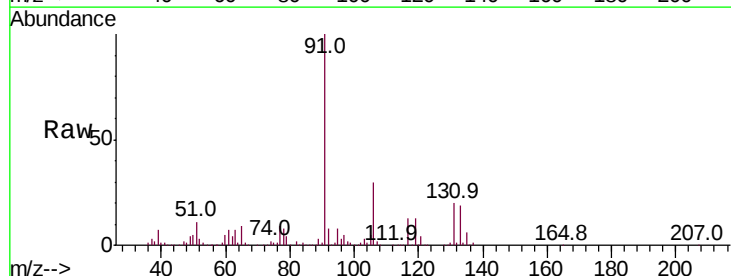
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

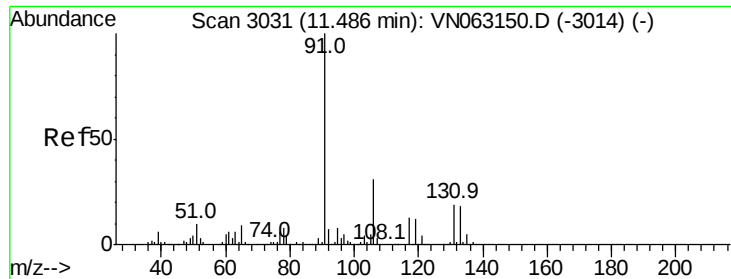
Tot Ion:112 Resp: 608257
Ion Ratio Lower Upper
112 100
114 32.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.040 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion:131 Resp: 231046
Ion Ratio Lower Upper
131 100
133 94.2 47.3 142.0
119 64.6 32.4 97.0

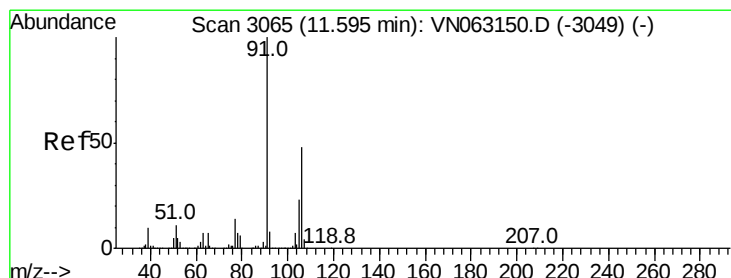
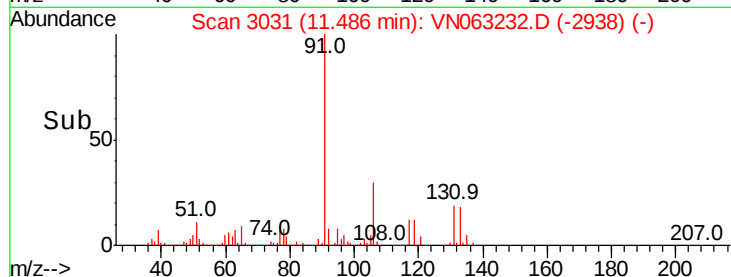
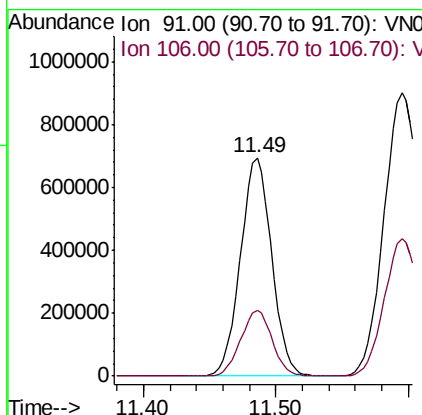
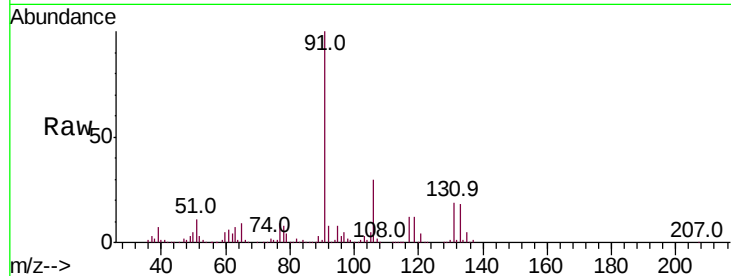




#67
Ethyl Benzene
Concen: 50.082 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

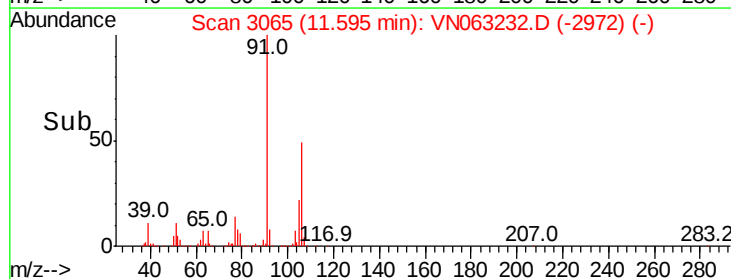
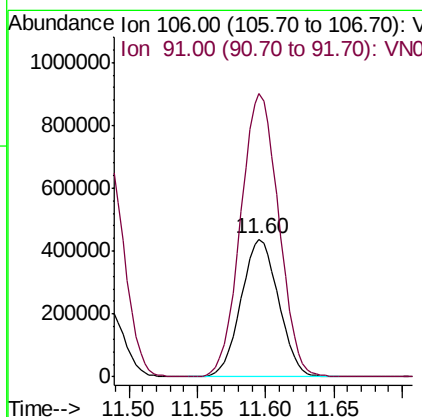
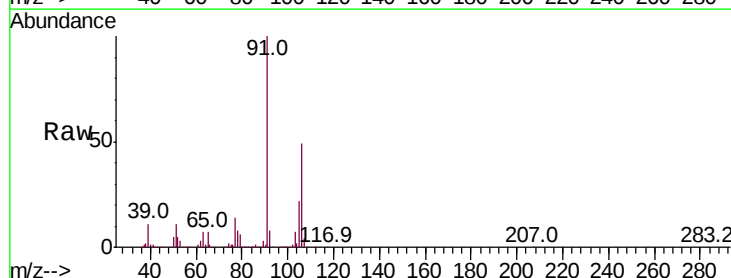
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

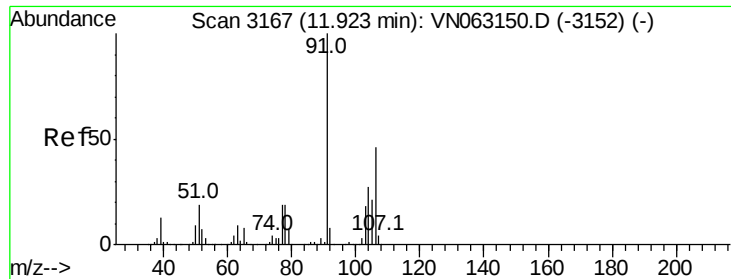
Tot Ion: 91 Resp: 1136195
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6



#68
m/p-Xylenes
Concen: 99.189 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion: 106 Resp: 833433
Ion Ratio Lower Upper
106 100
91 209.0 166.7 250.1

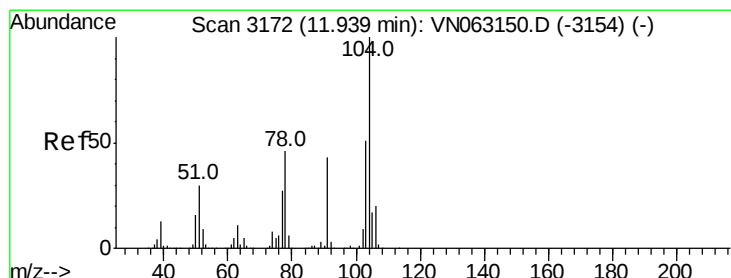
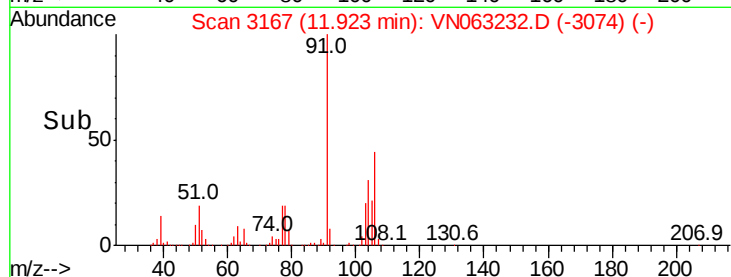
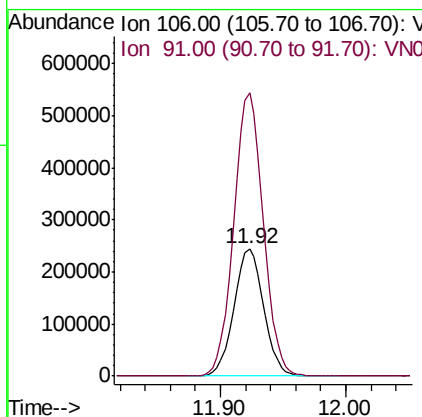
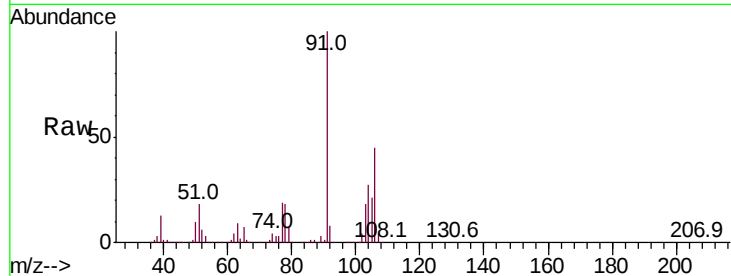




#69
o-Xylene
Concen: 49.392 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

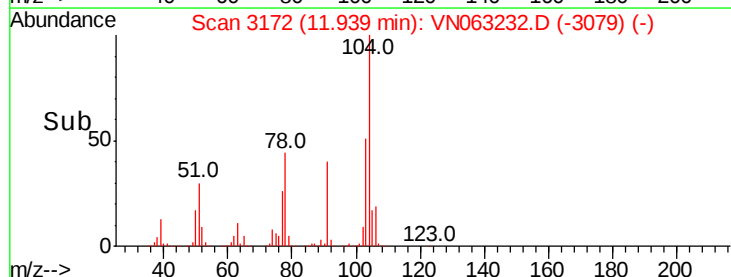
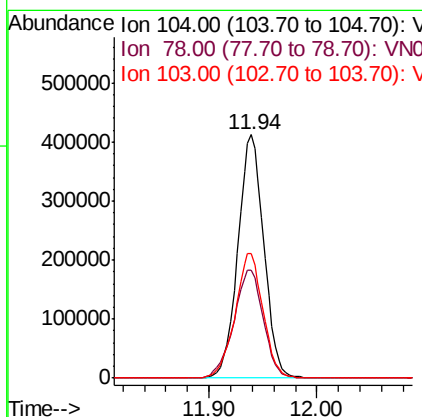
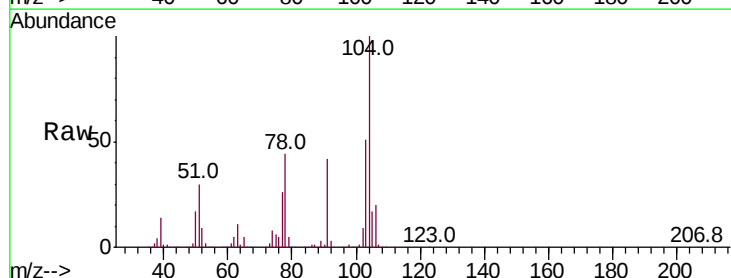
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

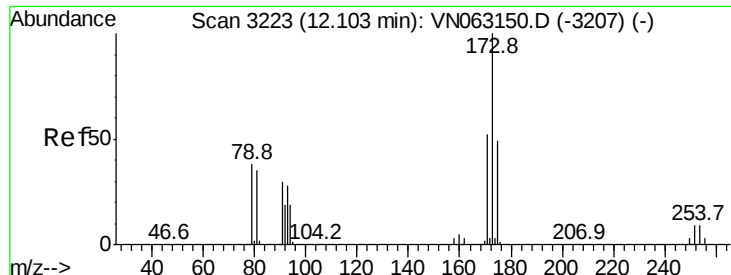
Tot Ion:106 Resp: 400927
Ion Ratio Lower Upper
106 100
91 221.7 108.6 325.6



#70
Styrene
Concen: 49.612 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion:104 Resp: 692097
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 55.1 43.8 65.8

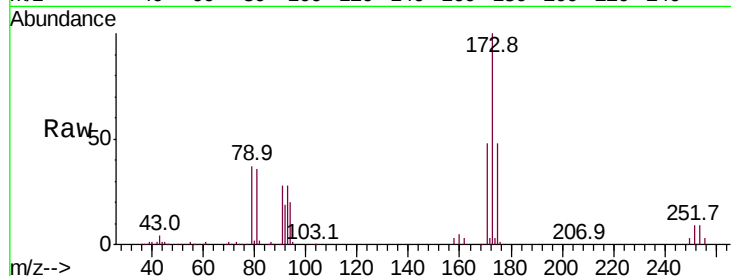




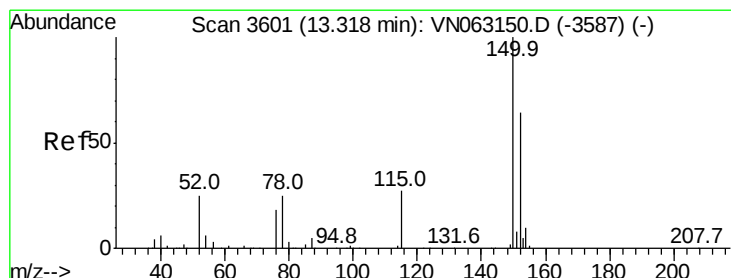
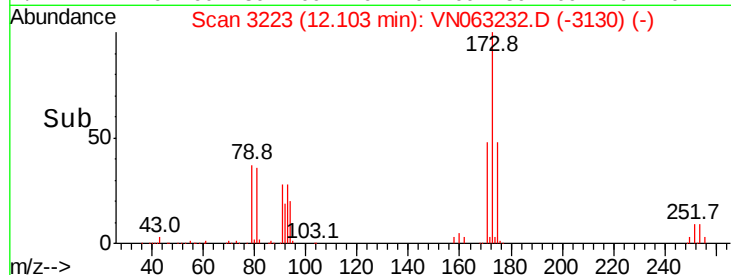
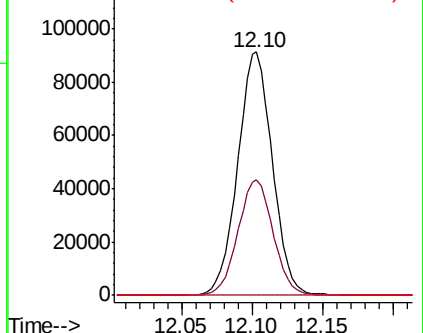
#71
Bromoform
Concen: 50.200 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 157298
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.8
254 0.0 0.0 0.0

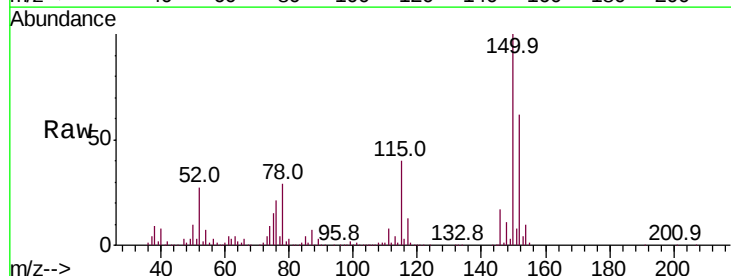


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

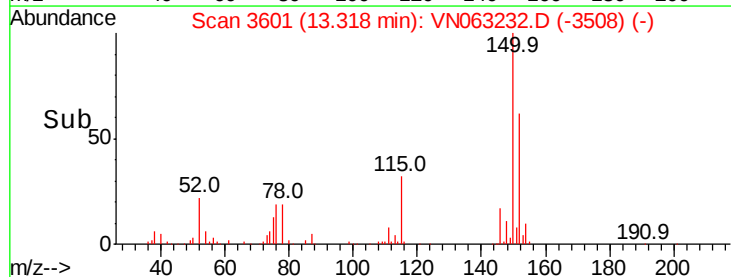
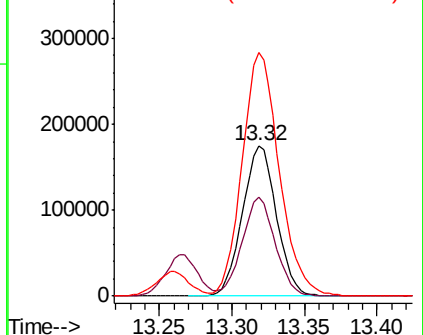


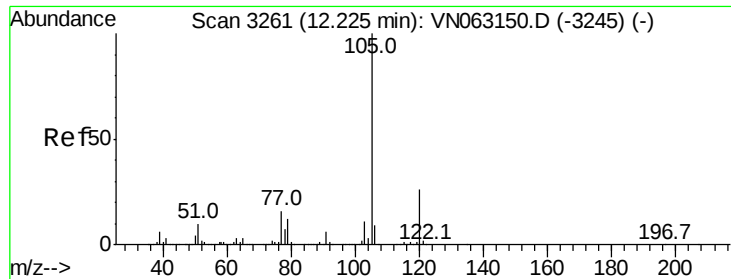
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion:152 Resp: 285972
Ion Ratio Lower Upper
152 100
115 63.3 32.0 96.2
150 175.8 0.0 353.0



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

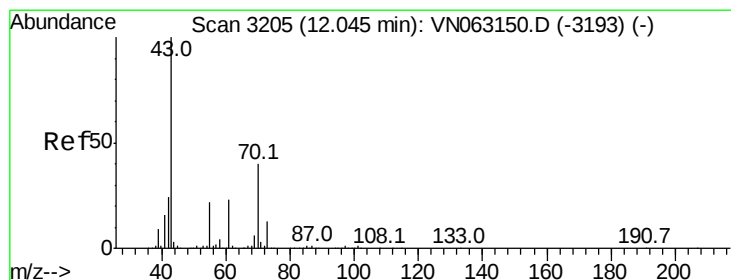
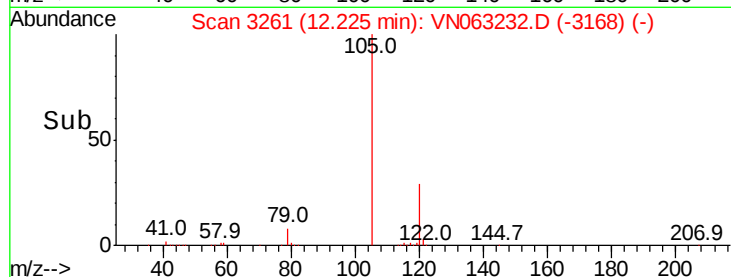
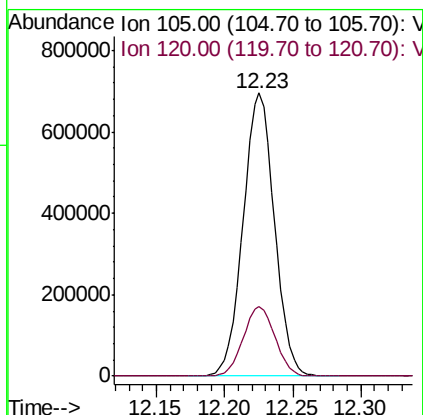
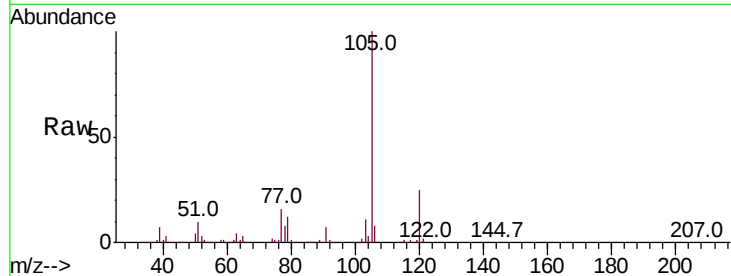




#73
Isopropylbenzene
Concen: 50.429 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

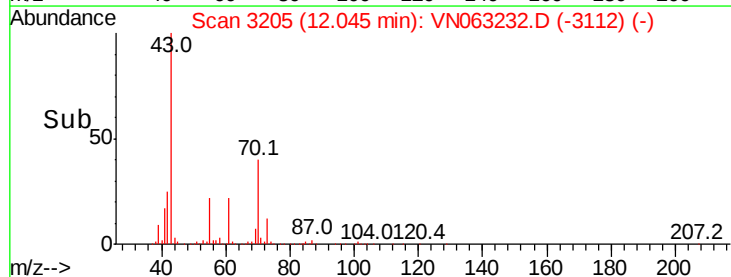
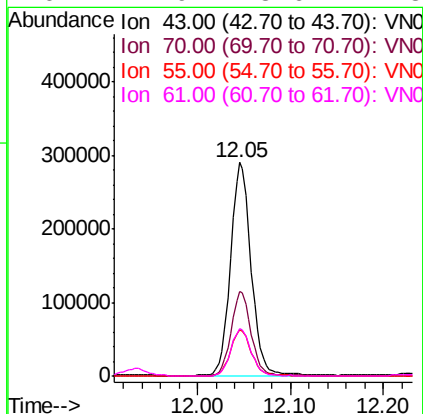
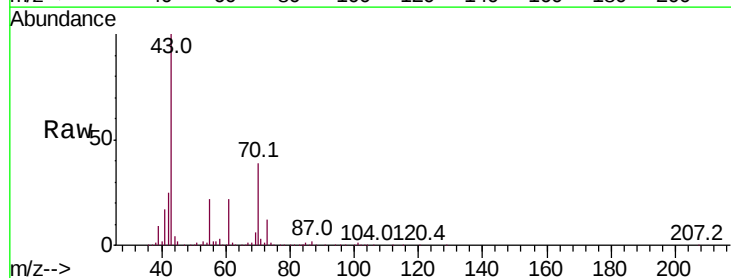
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

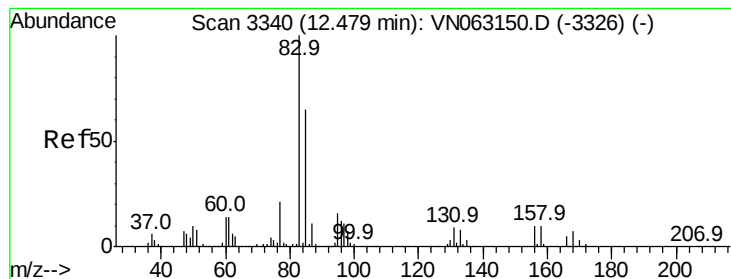
Tot Ion:105 Resp: 1106090
Ion Ratio Lower Upper
105 100
120 25.0 12.9 38.6



#74
N-ethyl acetate
Concen: 49.237 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063232.D
Acq: 3 Sep 2020 20:00

Tgt Ion: 43 Resp: 447330
Ion Ratio Lower Upper
43 100
70 38.9 32.1 48.1
55 22.0 17.4 26.0
61 21.9 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.345 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

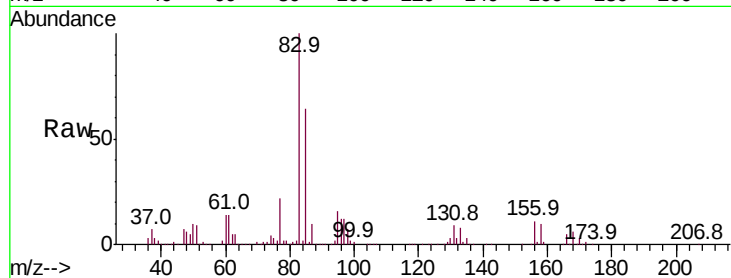
Tot Ion: 83 Resp: 305712

Ion Ratio Lower Upper

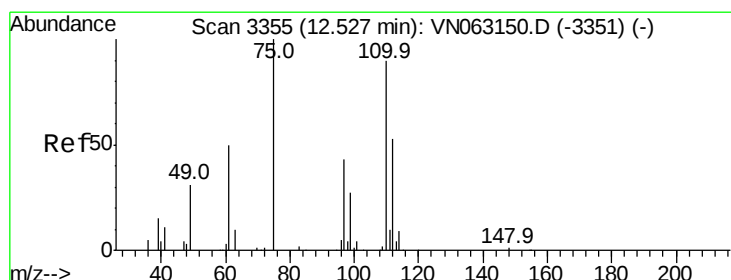
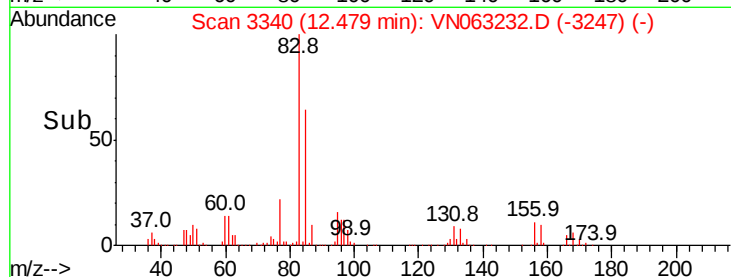
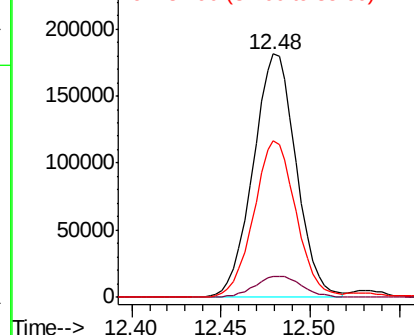
83 100

131 9.5 4.7 14.0

85 63.0 32.7 98.1



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



#76

1,2,3-Trichloropropane

Concen: 74.525 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063232.D

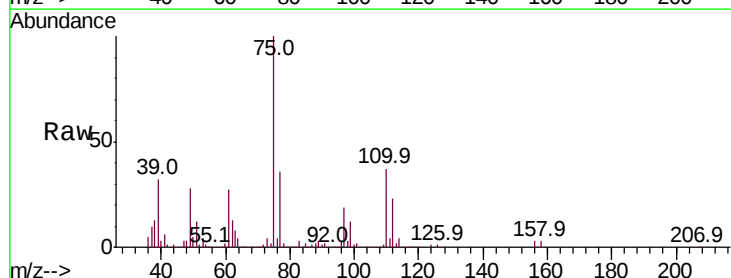
Acq: 3 Sep 2020 20:00

Tgt Ion: 75 Resp: 418736

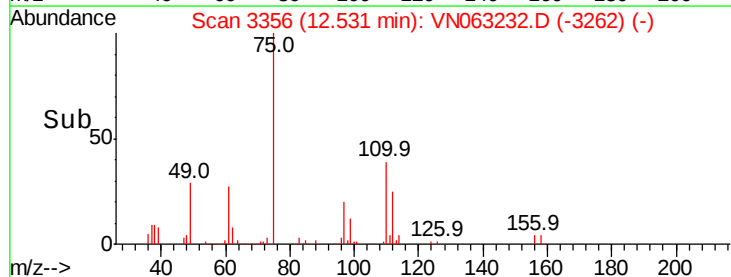
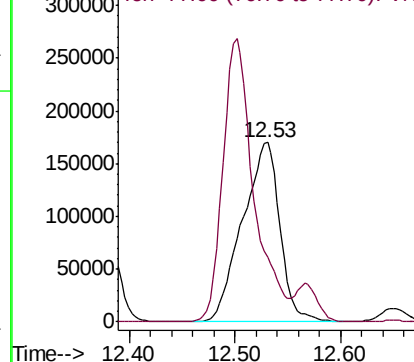
Ion Ratio Lower Upper

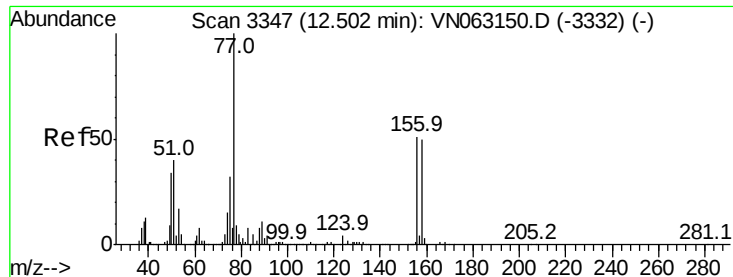
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 48.941 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

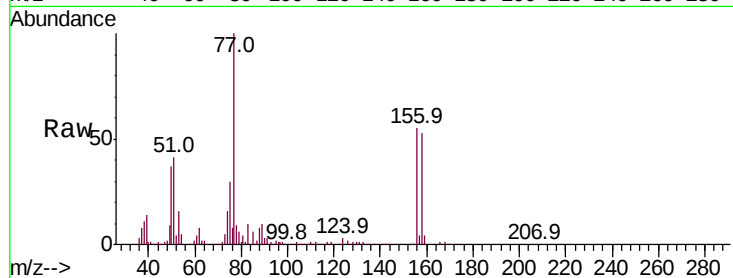
Tot Ion:156 Resp: 242773

Ion Ratio Lower Upper

156 100

77 225.0 116.1 348.3

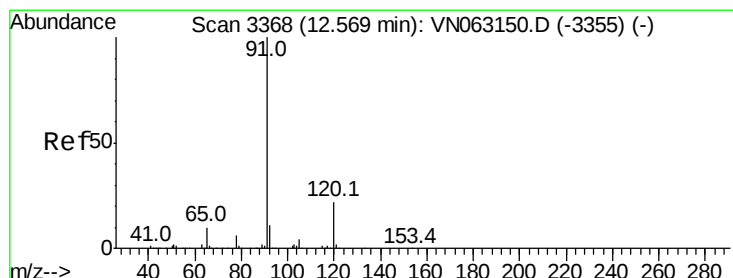
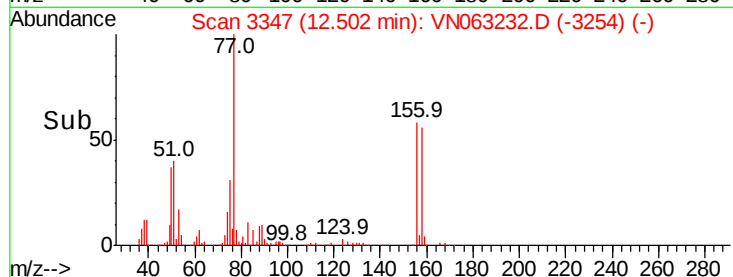
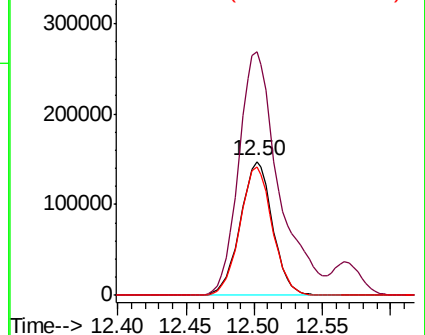
158 96.3 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.320 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063232.D

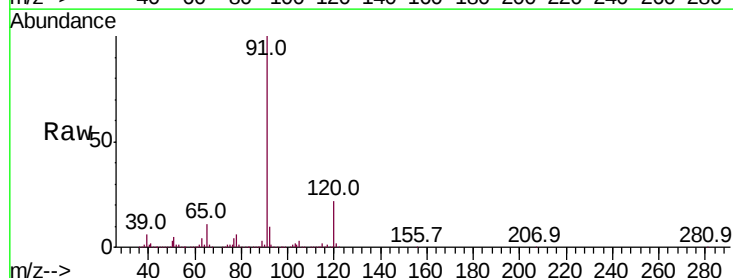
Acq: 3 Sep 2020 20:00

Tgt Ion: 91 Resp: 1277160

Ion Ratio Lower Upper

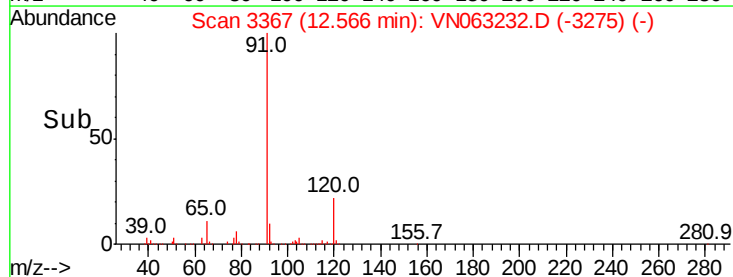
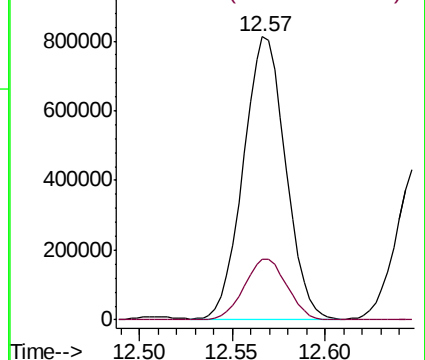
91 100

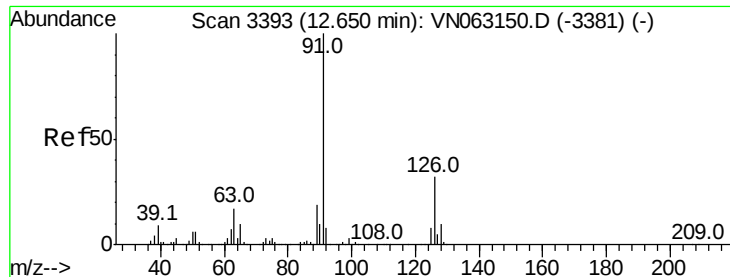
120 21.9 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.344 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

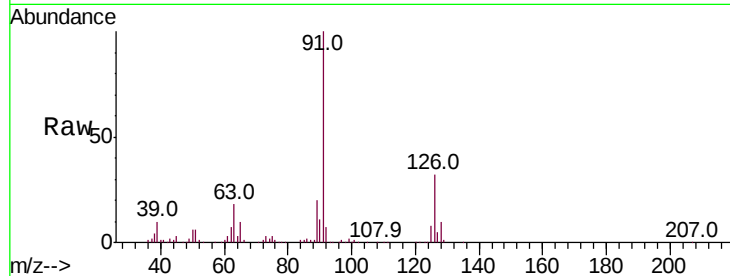
VSTDCCC050EC

Tot Ion: 91 Resp: 734913

Ion Ratio Lower Upper

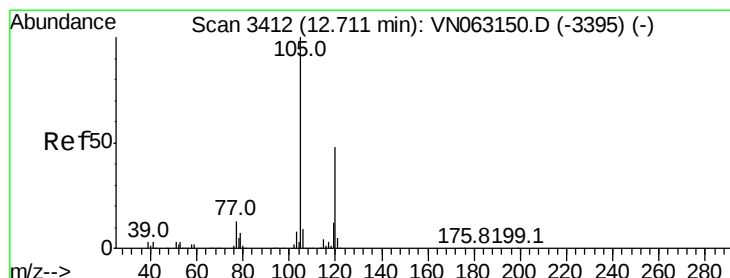
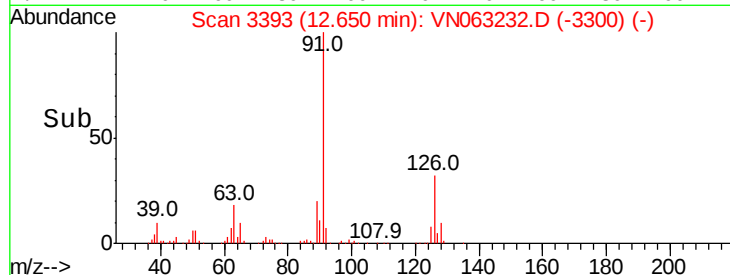
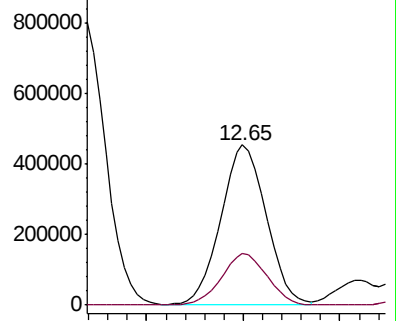
91 100

126 32.7 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3381) (-)

Ion 125.90 (125.60 to 126.60): VN063150.D (-3381) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.353 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063232.D

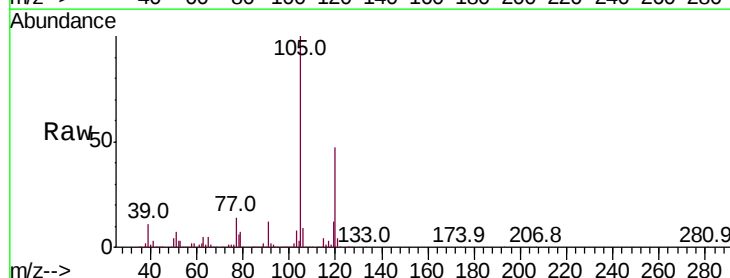
Acq: 3 Sep 2020 20:00

Tgt Ion: 105 Resp: 919289

Ion Ratio Lower Upper

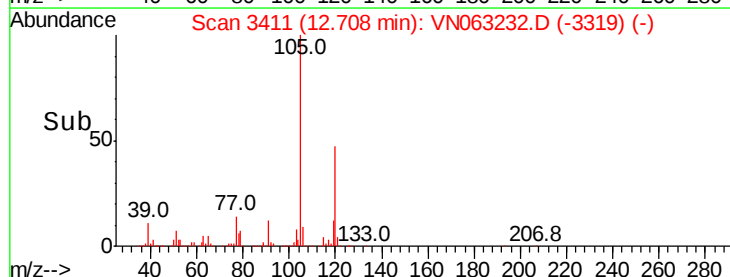
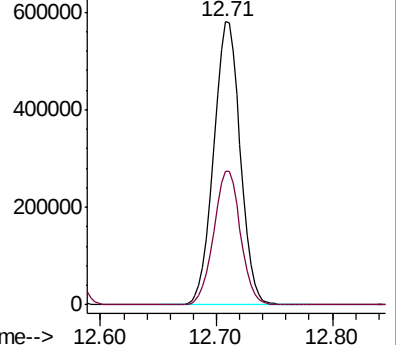
105 100

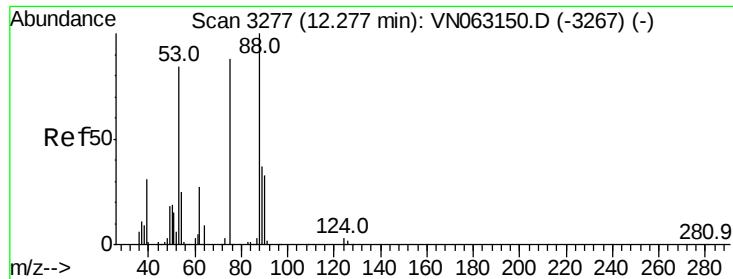
120 47.6 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063150.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN063150.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.482 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

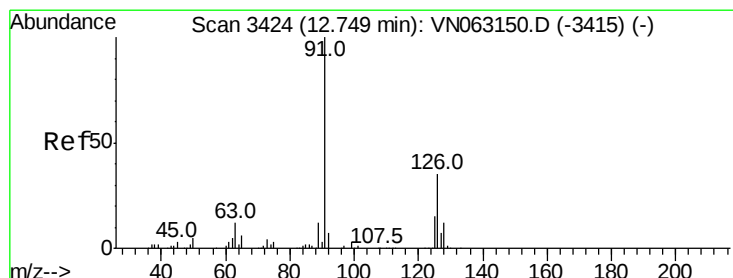
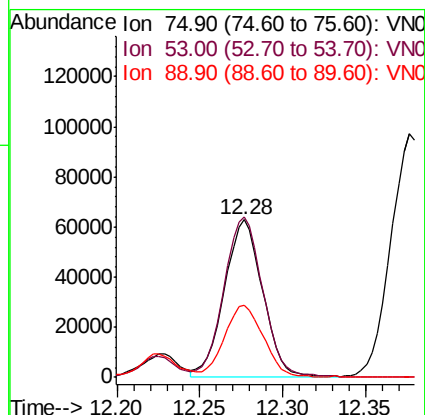
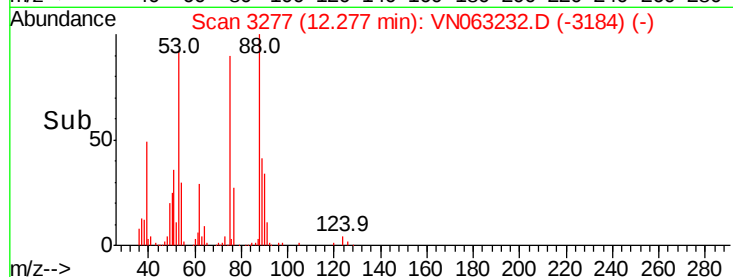
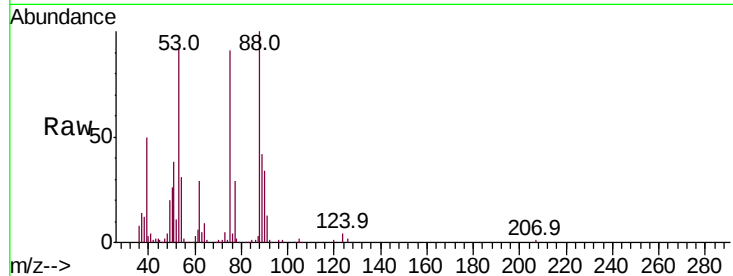
Tot Ion: 75 Resp: 101082

Ion Ratio Lower Upper

75 100

53 103.0 78.7 118.1

89 46.1 35.3 52.9



#82

4-Chlorotoluene

Concen: 49.113 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063232.D

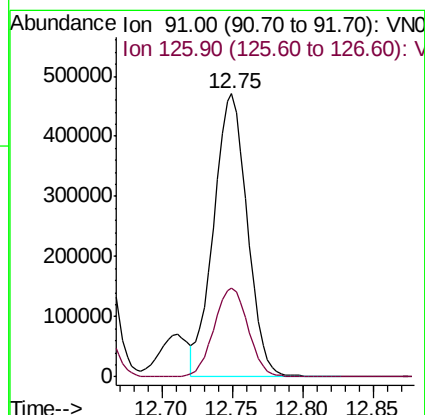
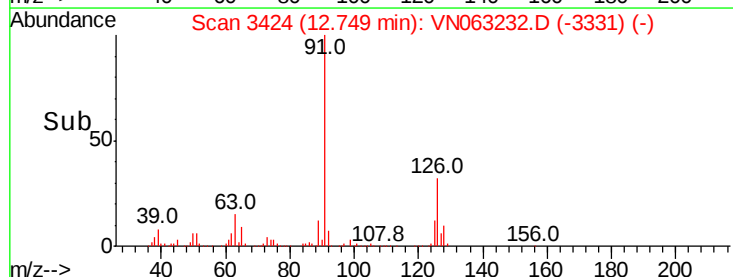
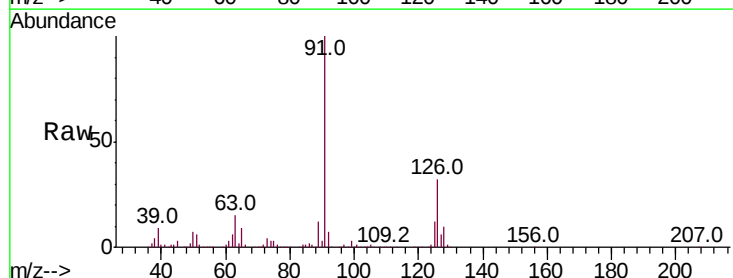
Acq: 3 Sep 2020 20:00

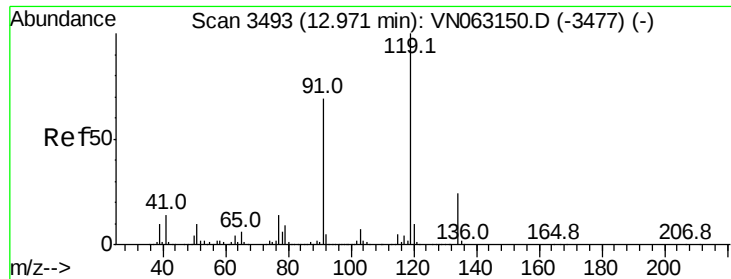
Tgt Ion: 91 Resp: 774326

Ion Ratio Lower Upper

91 100

126 31.8 16.2 48.5

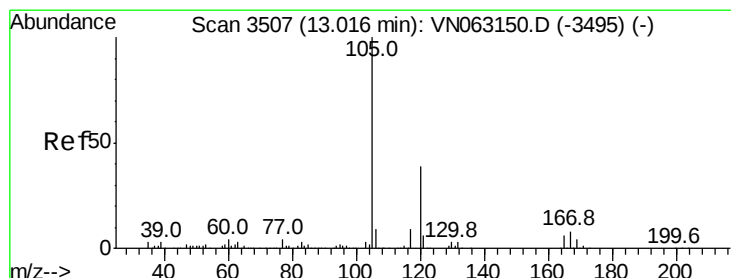
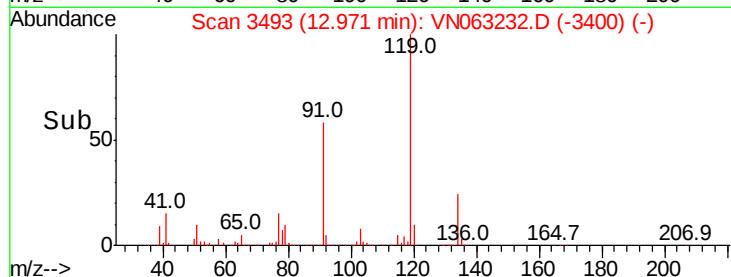
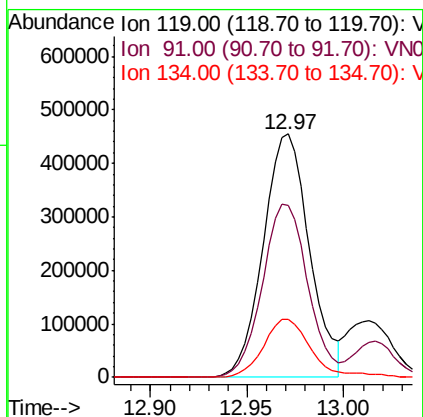
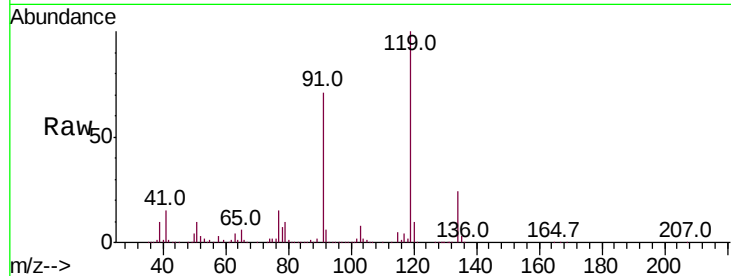




#83
 tert-Butylbenzene
 Concen: 48.588 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

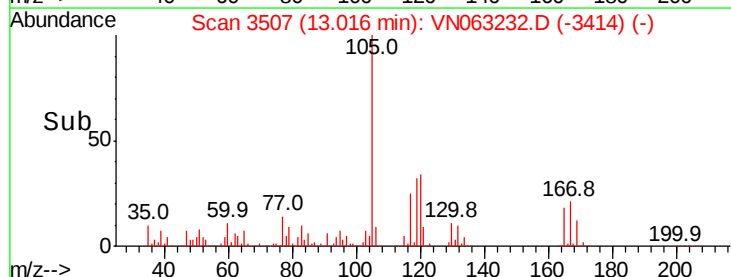
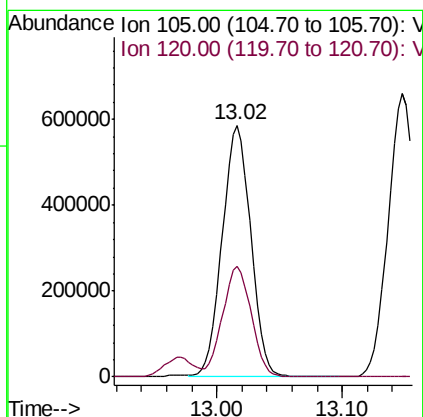
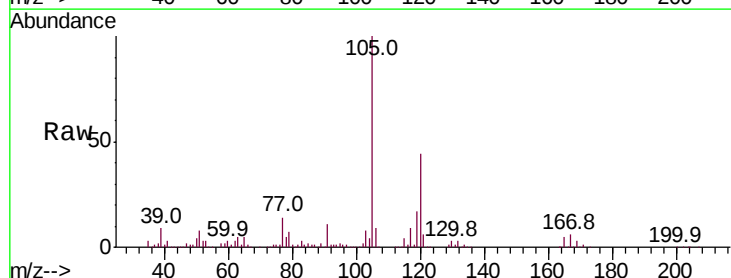
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

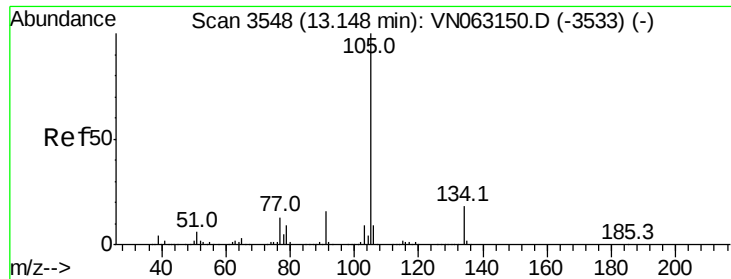
Tot Ion:119 Resp: 760772
 Ion Ratio Lower Upper
 119 100
 91 69.7 33.7 101.0
 134 24.7 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 50.311 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

Tgt Ion:105 Resp: 925830
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.6 67.7





#85

sec-Butylbenzene

Concen: 51.262 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

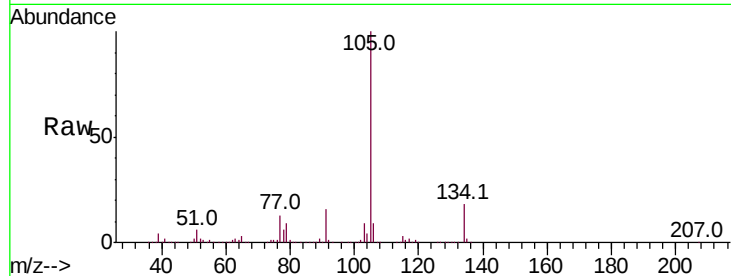
VSTDCCC050EC

Tot Ion:105 Resp: 1046068

Ion Ratio Lower Upper

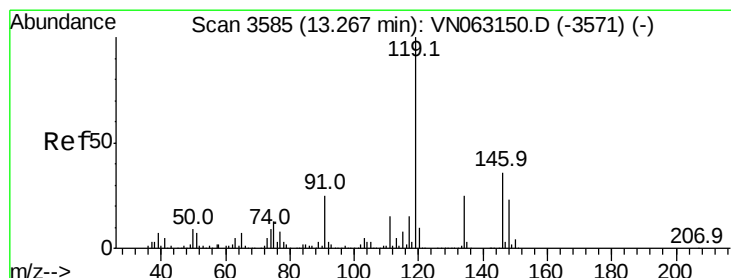
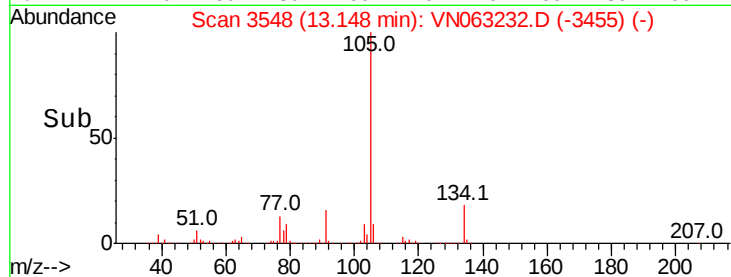
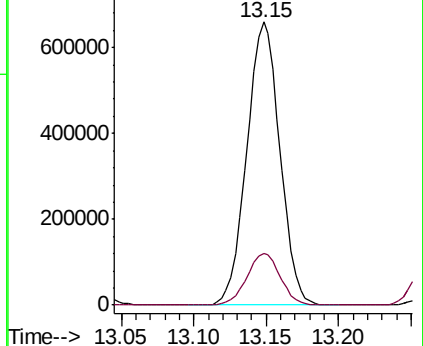
105 100

134 18.3 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.237 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

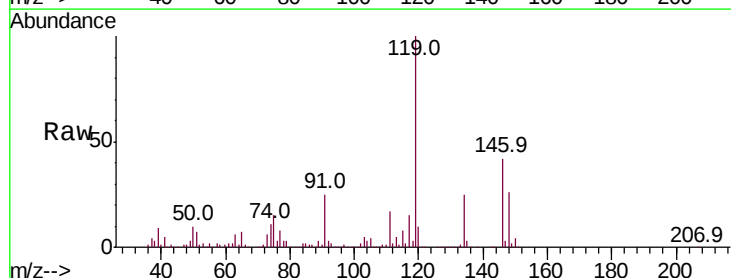
Tgt Ion:119 Resp: 928262

Ion Ratio Lower Upper

119 100

134 25.2 12.4 37.4

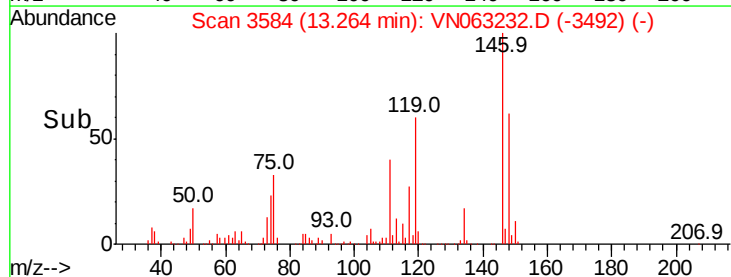
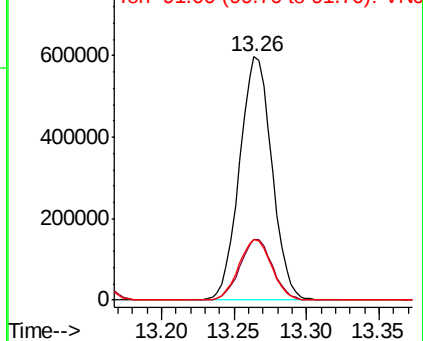
91 25.1 12.2 36.6

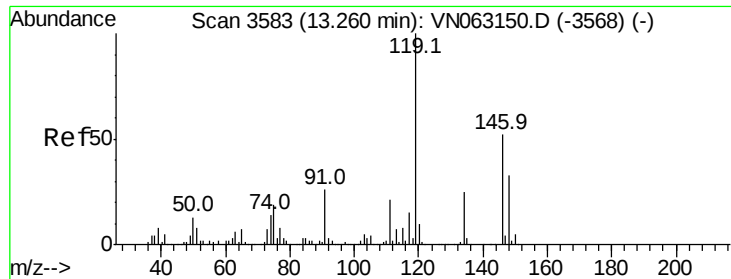


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.230 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

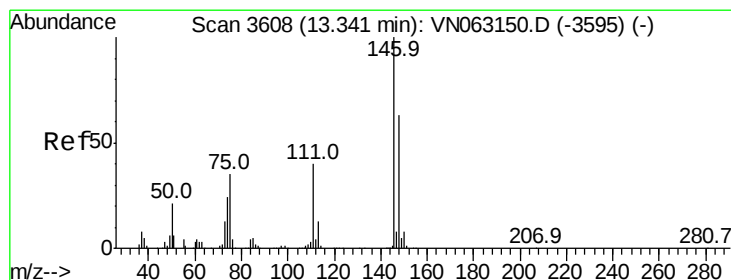
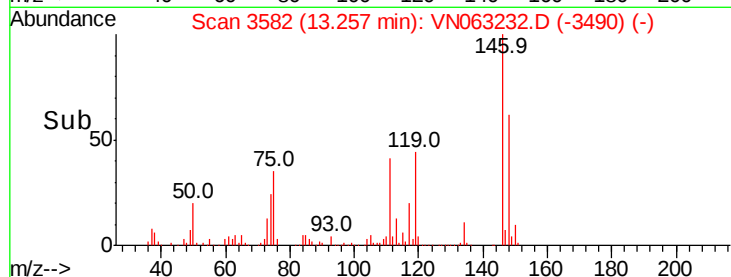
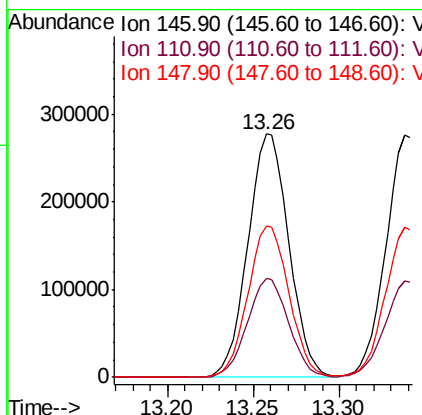
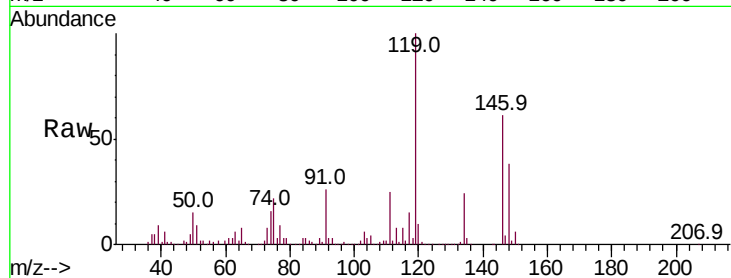
Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 457733

Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.3	63.7
148	62.3	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 48.381 ug/l

RT: 13.34 min Scan# 3607

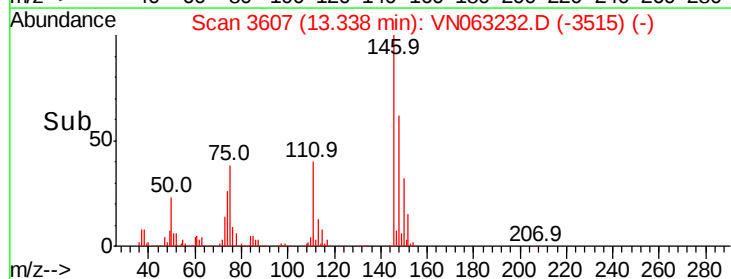
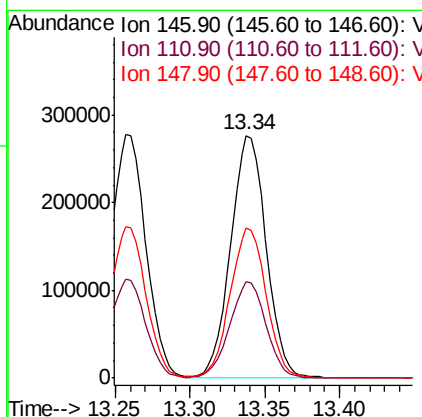
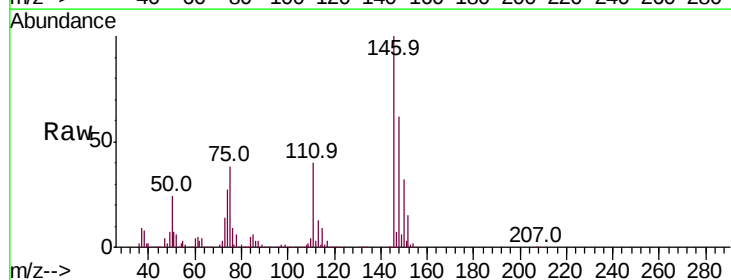
Delta R.T. -0.00 min

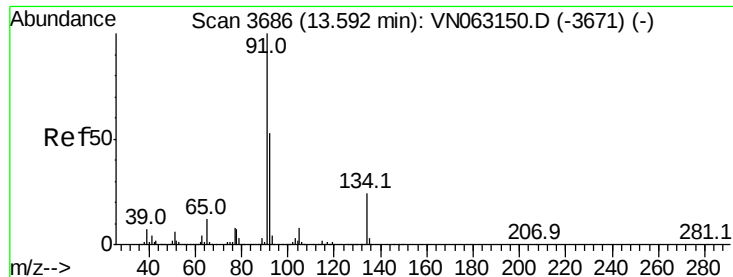
Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Tgt Ion:146 Resp: 456519

Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.5	61.5
148	62.7	31.9	95.7





#89

n-Butylbenzene

Concen: 49.910 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

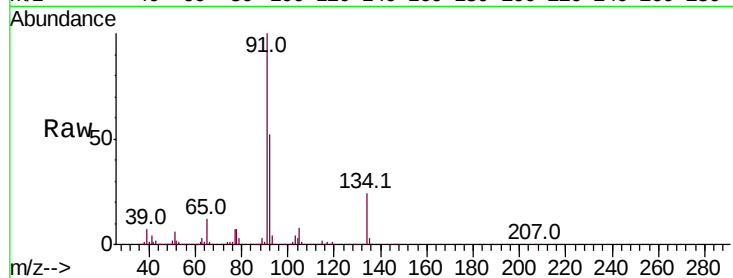
Tot Ion: 91 Resp: 835347

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.8

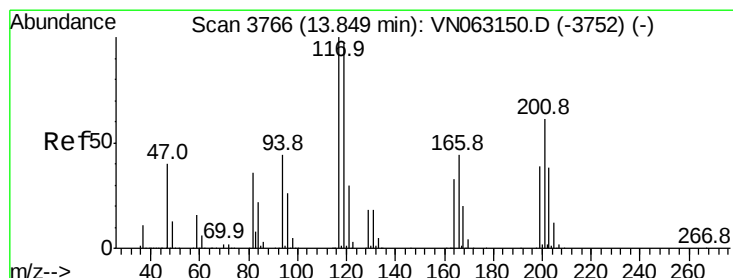
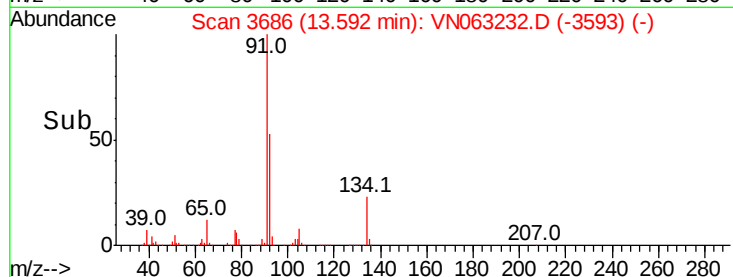
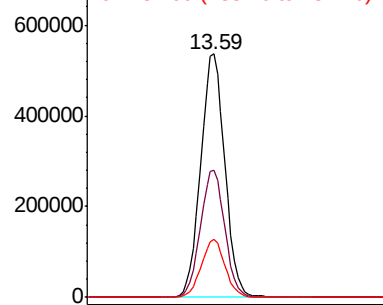
134 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN063150.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN063150.D (-3671) (-)



#90

Hexachloroethane

Concen: 45.815 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063232.D

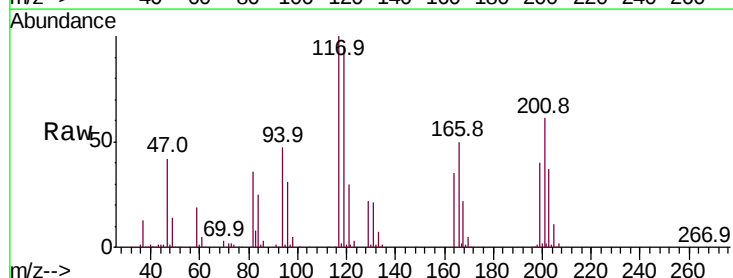
Acq: 3 Sep 2020 20:00

Tgt Ion: 117 Resp: 153652

Ion Ratio Lower Upper

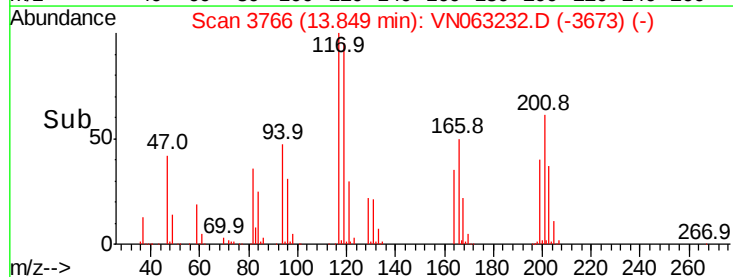
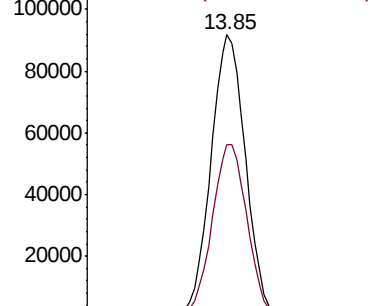
117 100

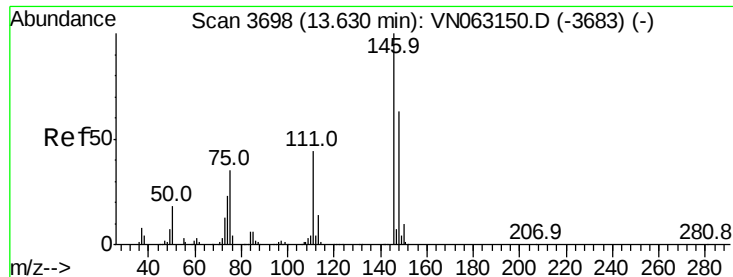
201 62.2 30.6 92.0



Abundance Ion 116.80 (116.50 to 117.50): VN063150.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063150.D (-3752) (-)





#91

1,2-Dichlorobenzene

Concen: 51.158 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

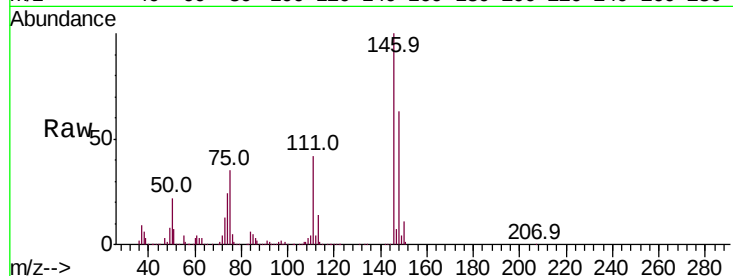
Tot Ion:146 Resp: 452396

Ion Ratio Lower Upper

146 100

111 42.7 22.0 66.0

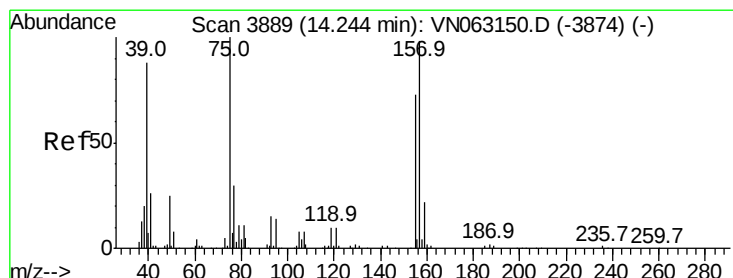
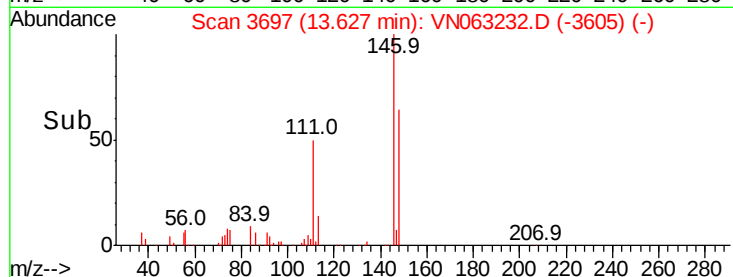
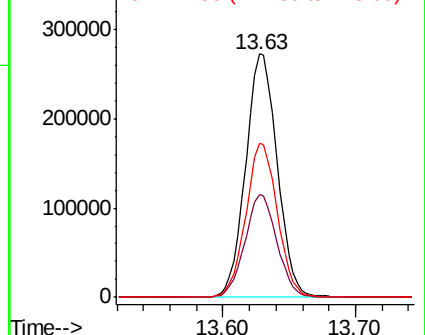
148 63.1 31.6 95.0



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: 47.100 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

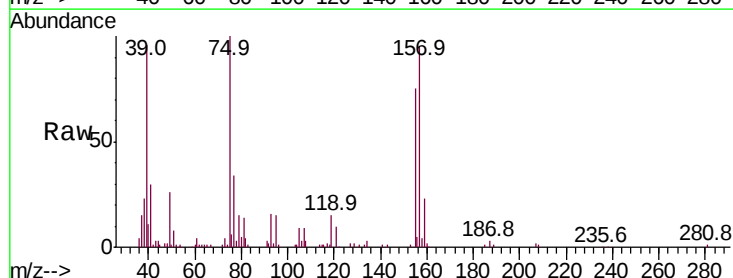
Tgt Ion: 75 Resp: 65480

Ion Ratio Lower Upper

75 100

155 73.6 36.1 108.5

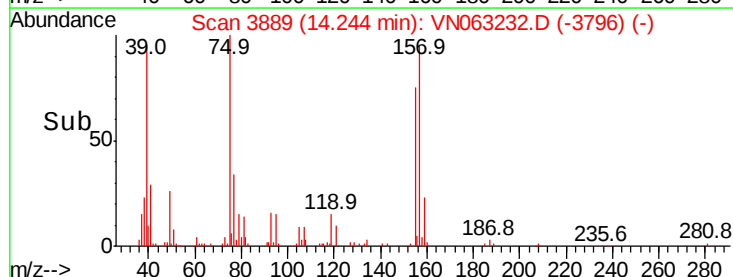
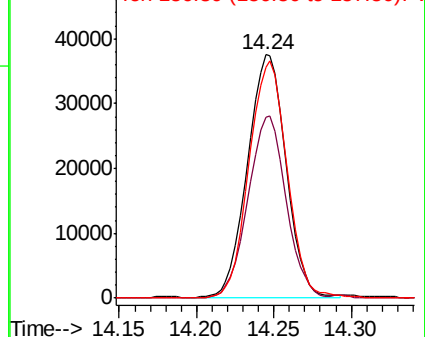
157 95.7 48.4 145.0

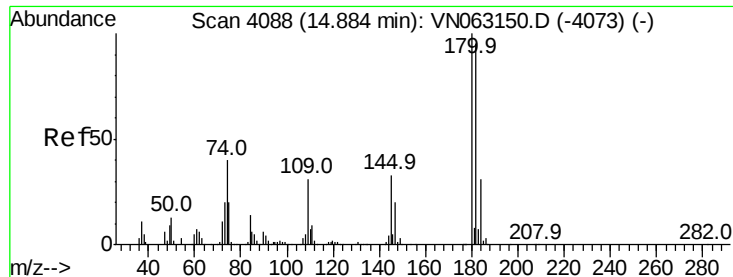


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

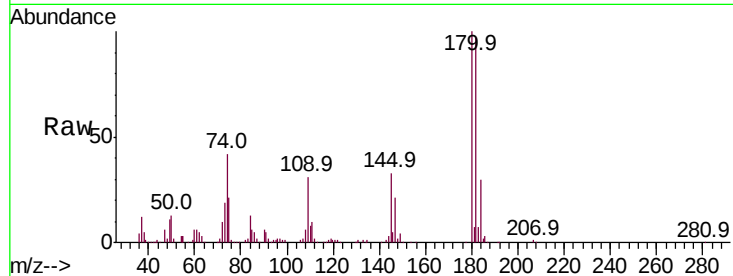




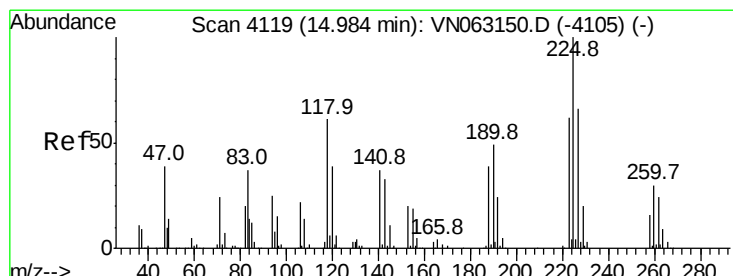
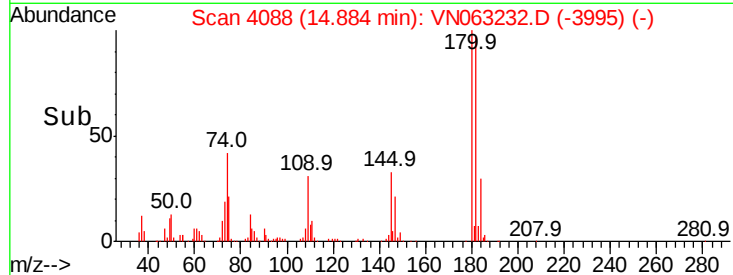
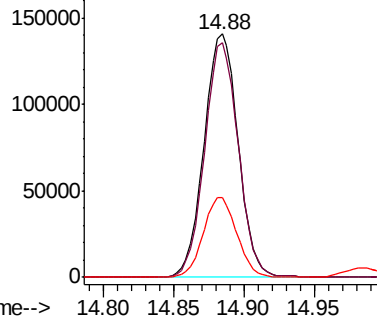
#93
 1,2,4-Trichlorobenzene
 Concen: 48.396 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.5
145	32.2	16.6	49.8

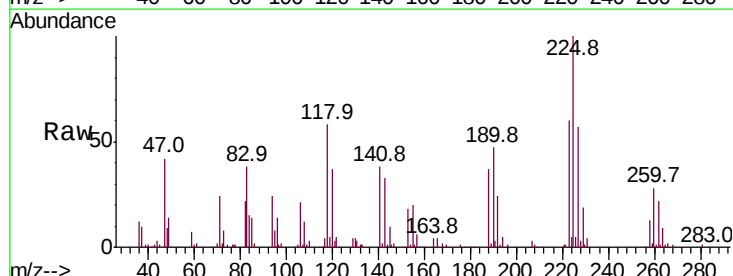


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

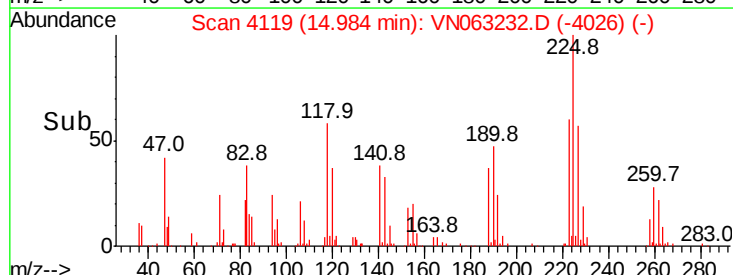
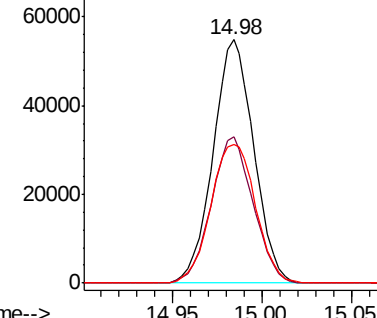


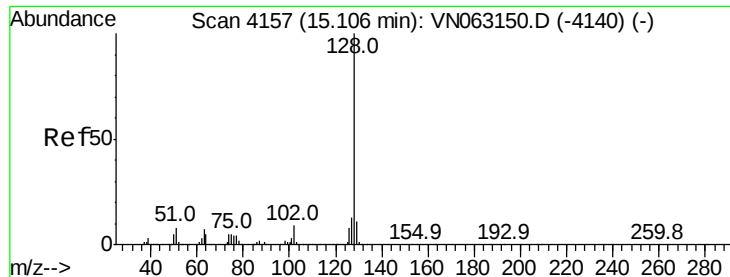
#94
 Hexachlorobutadiene
 Concen: 47.379 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063232.D
 Acq: 3 Sep 2020 20:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	30.9	92.7
227	62.8	32.9	98.7



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: 48.184 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

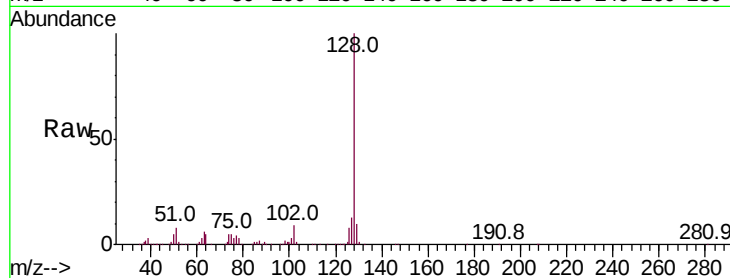
Tot Ion:128 Resp: 794228

Ion Ratio Lower Upper

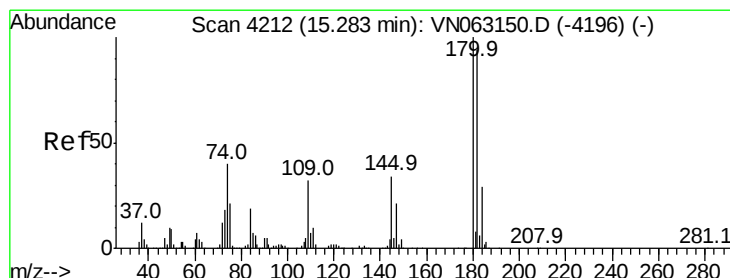
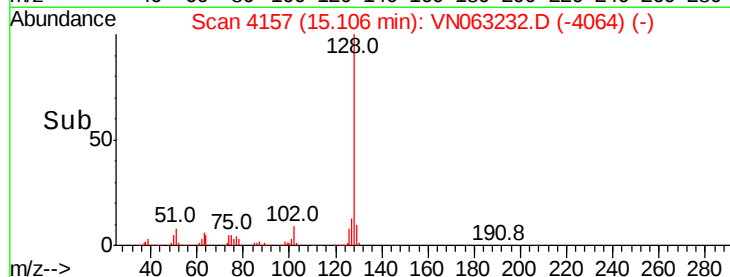
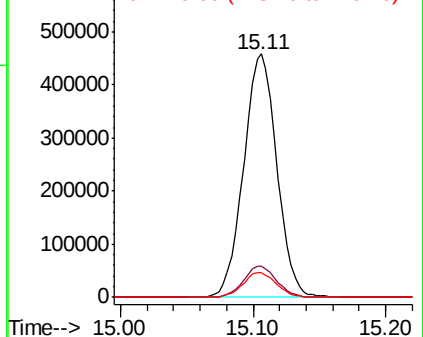
128 100

127 13.0 10.5 15.7

129 10.3 8.6 13.0



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: 49.959 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063232.D

Acq: 3 Sep 2020 20:00

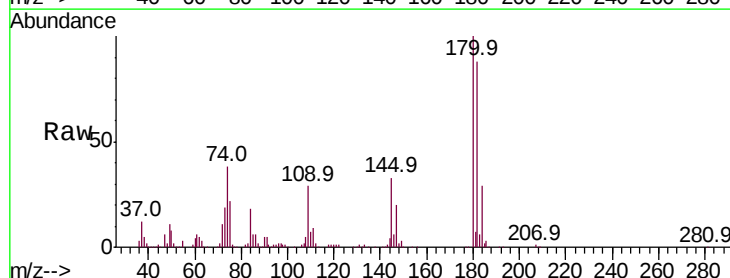
Tgt Ion:180 Resp: 240472

Ion Ratio Lower Upper

180 100

182 91.2 47.5 142.5

145 33.7 17.3 52.0



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

