

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063206.D
 Acq On : 2 Sep 2020 19:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 03 01:03:54 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	420478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	775037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	748812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	346429	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	348325	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.55	113	253978	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.06	98	977499	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.38	95	357909	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	197514	47.697	ug/l	99
3) Chloromethane	2.04	50	269088	44.626	ug/l	99
4) Vinyl Chloride	2.17	62	300173	45.066	ug/l	97
5) Bromomethane	2.53	94	250935	44.755	ug/l	98
6) Chloroethane	2.68	64	255462	48.237	ug/l	98
7) Trichlorofluoromethane	2.98	101	460766	50.154	ug/l	98
8) Diethyl Ether	3.38	74	148031	46.449	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	218620	48.288	ug/l	99
10) Methyl Iodide	3.91	142	291882	47.270	ug/l	98
11) Tert butyl alcohol	4.73	59	190147	225.365	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	220780	47.858	ug/l	95
13) Acrolein	3.57	56	97266	299.469	ug/l	99
14) Allyl chloride	4.28	41	381808	46.600	ug/l	95
15) Acrylonitrile	4.93	53	578838	244.968	ug/l	99
16) Acetone	3.78	43	485727	248.586	ug/l	99
17) Carbon Disulfide	4.01	76	612388	44.598	ug/l	100
18) Methyl Acetate	4.28	43	277386	55.366	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	810232	47.344	ug/l	99
20) Methylene Chloride	4.51	84	266536	48.497	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	252367	49.515	ug/l	96
22) Diisopropyl ether	5.90	45	890288	48.490	ug/l	93
23) Vinyl Acetate	5.84	43	3657480	249.657	ug/l	99
24) 1,1-Dichloroethane	5.80	63	477435	47.169	ug/l	99
25) 2-Butanone	6.78	43	788574	260.641	ug/l	100
26) 2,2-Dichloropropane	6.78	77	379177	41.347	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	294118	47.476	ug/l	97
28) Bromochloromethane	7.15	49	225892	42.717	ug/l	100
29) Tetrahydrofuran	7.16	42	514237	245.810	ug/l	99
30) Chloroform	7.33	83	511542	48.306	ug/l	98
31) Cyclohexane	7.61	56	410994	45.935	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	451573	49.486	ug/l	99
36) 1,1-Dichloropropene	7.75	75	371614	49.876	ug/l	99
37) Ethyl Acetate	6.88	43	344960	49.038	ug/l #	94
38) Carbon Tetrachloride	7.74	117	378385	50.077	ug/l	97

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Quant Time: Sep 03 01:03:54 2020
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 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)
39) Methylcyclohexane	9.05	83	397446	47.482	ug/l	98
40) Benzene	8.00	78	1112469	50.809	ug/l	99
41) Methacrylonitrile	7.13	41	166220	52.956	ug/l	97
42) 1,2-Dichloroethane	8.09	62	419891	51.339	ug/l	100
43) Isopropyl Acetate	8.13	43	630837	51.916	ug/l #	91
44) Trichloroethene	8.80	130	284845	53.635	ug/l	100
45) 1,2-Dichloropropane	9.08	63	282623	48.752	ug/l	99
46) Dibromomethane	9.17	93	199786	52.004	ug/l	99
47) Bromodichloromethane	9.37	83	418931	50.875	ug/l	99
48) Methyl methacrylate	9.17	41	288526	52.672	ug/l	96
49) 1,4-Dioxane	9.17	88	80359	948.469	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1795603	271.936	ug/l	99
52) Toluene	10.13	92	699761	51.305	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	436490	48.459	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	468082	49.507	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	264250	50.589	ug/l	98
56) Ethyl methacrylate	10.40	69	411447	51.759	ug/l	100
57) 1,3-Dichloropropane	10.68	76	476675	51.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	944517	229.450	ug/l	100
59) 2-Hexanone	10.72	43	1304798	281.175	ug/l	100
60) Dibromochloromethane	10.87	129	311141	53.878	ug/l	98
61) 1,2-Dibromoethane	10.98	107	288525	53.136	ug/l	98
64) Tetrachloroethene	10.60	164	282474	52.532	ug/l	97
65) Chlorobenzene	11.41	112	740681	49.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	278404	49.718	ug/l	99
67) Ethyl Benzene	11.49	91	1404374	51.042	ug/l	99
68) m/p-Xylenes	11.60	106	1035641	101.630	ug/l	98
69) o-Xylene	11.92	106	497427	50.530	ug/l	100
70) Styrene	11.94	104	870050	51.427	ug/l	99
71) Bromoform	12.10	173	194417	51.161	ug/l #	98
73) Isopropylbenzene	12.23	105	1359897	51.180	ug/l	99
74) N-amyl acetate	12.05	43	582782	52.951	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	382040	49.872	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	510863	75.054	ug/l #	100
77) Bromobenzene	12.50	156	300851	50.065	ug/l	98
78) n-propylbenzene	12.57	91	1588423	51.662	ug/l	100
79) 2-Chlorotoluene	12.65	91	922333	50.085	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1132056	51.186	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	122817	43.612	ug/l	96
82) 4-Chlorotoluene	12.75	91	971179	50.849	ug/l	99
83) tert-Butylbenzene	12.97	119	936414	49.369	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1146277	51.420	ug/l	99
85) sec-Butylbenzene	13.15	105	1277082	51.661	ug/l	99
86) p-Isopropyltoluene	13.26	119	1150967	52.443	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	567870	51.441	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	557407	48.764	ug/l	99
89) n-Butylbenzene	13.59	91	1042733	51.428	ug/l	99
90) Hexachloroethane	13.85	117	183231	45.100	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	560082	52.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	81424	48.347	ug/l	97

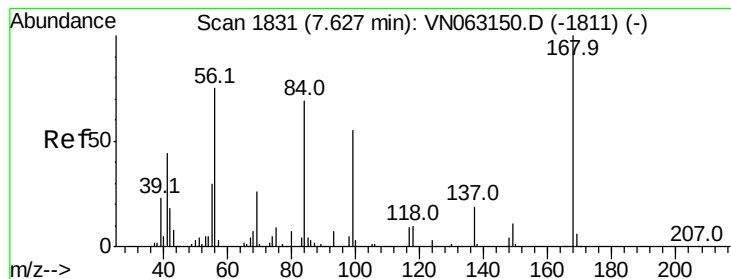
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	300726	50.246	ug/l	99
94) Hexachlorobutadiene	14.98	225	106537	47.650	ug/l	100
95) Naphthalene	15.11	128	976539	48.905	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	285435	48.951	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

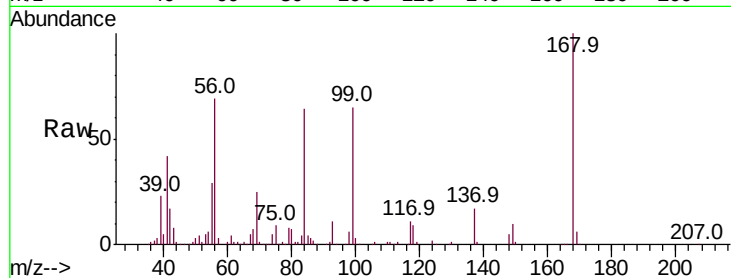
VSTDCCC050EC

Tot Ion:168 Resp: 420478

Ion Ratio Lower Upper

168 100

99 64.5 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

200000

150000

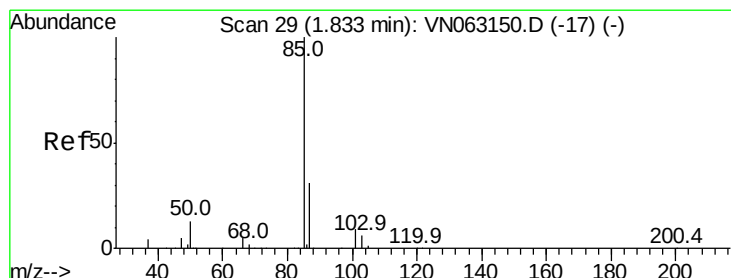
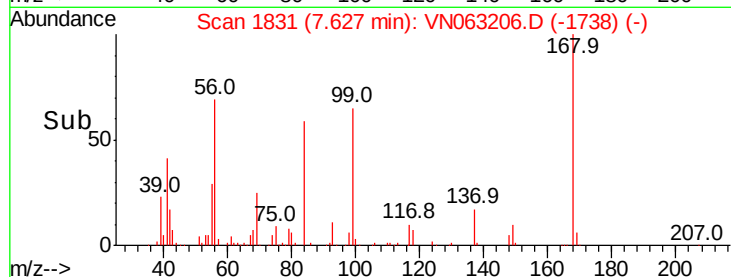
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.697 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063206.D

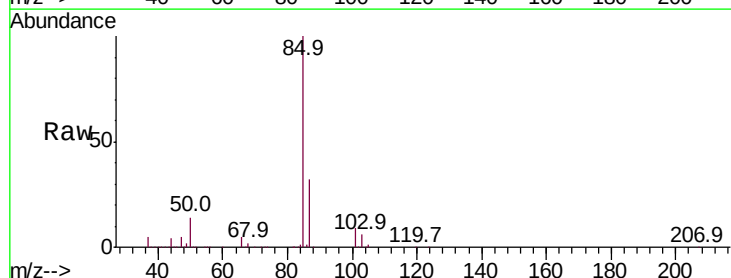
Acq: 2 Sep 2020 19:52

Tgt Ion: 85 Resp: 197514

Ion Ratio Lower Upper

85 100

87 31.7 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

150000

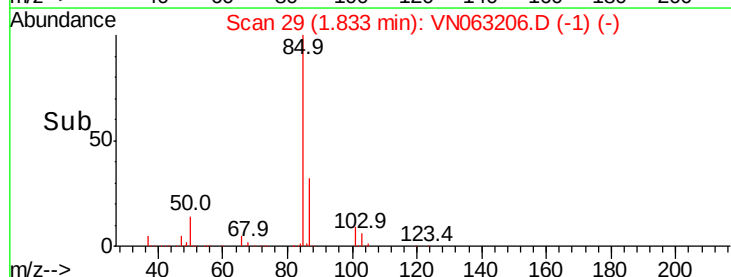
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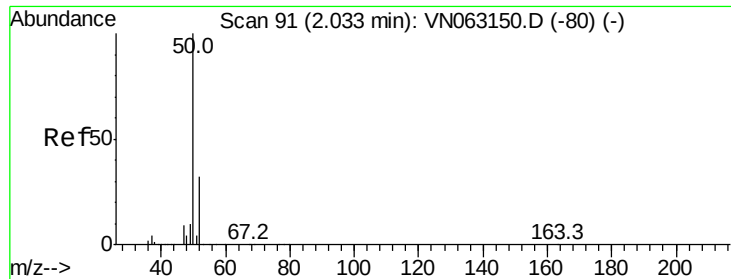
50000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 44.626 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

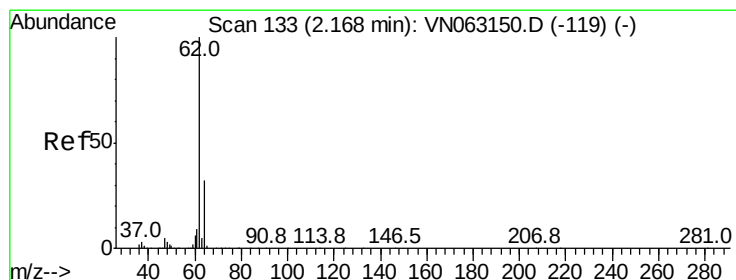
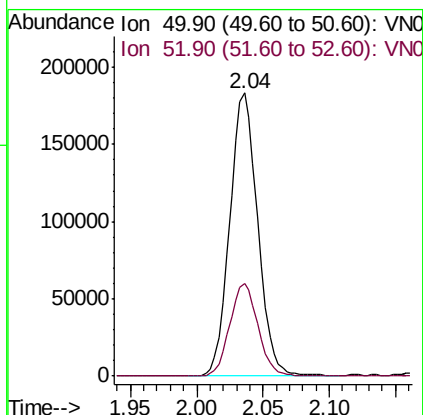
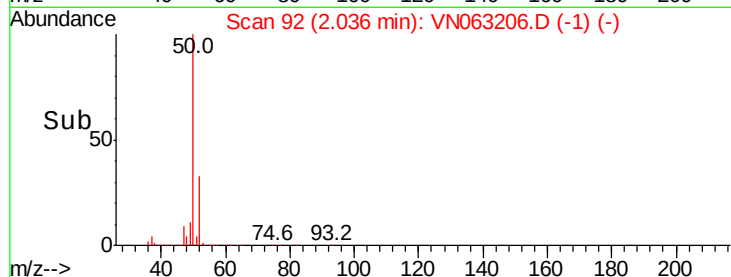
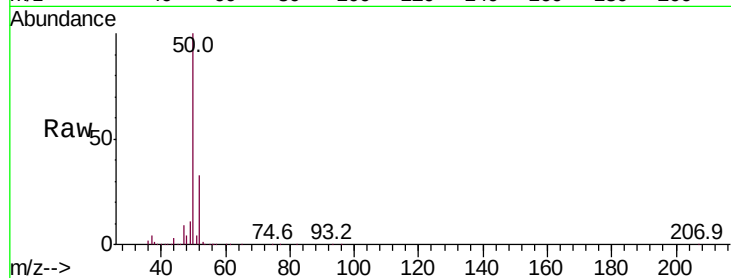
VSTDCCC050EC

Tot Ion: 50 Resp: 269088

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 45.066 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063206.D

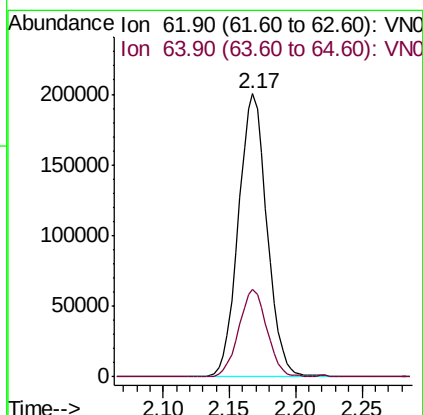
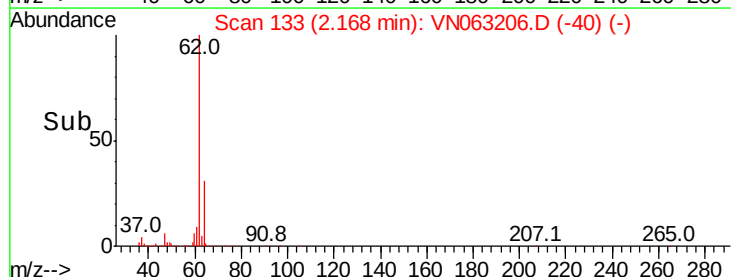
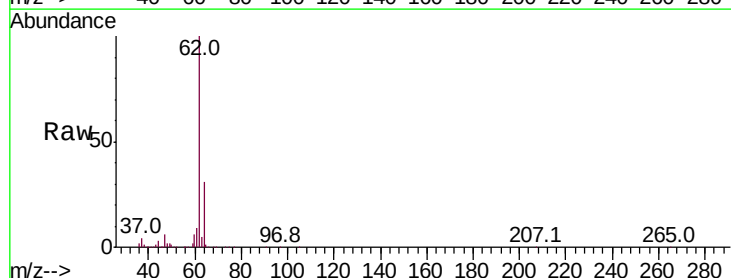
Acq: 2 Sep 2020 19:52

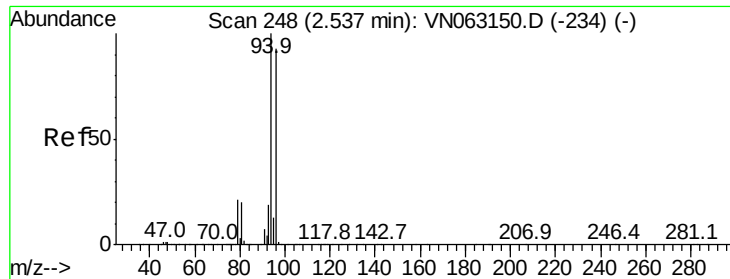
Tgt Ion: 62 Resp: 300173

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 44.755 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

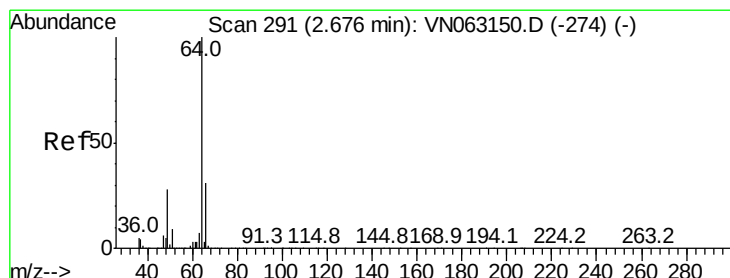
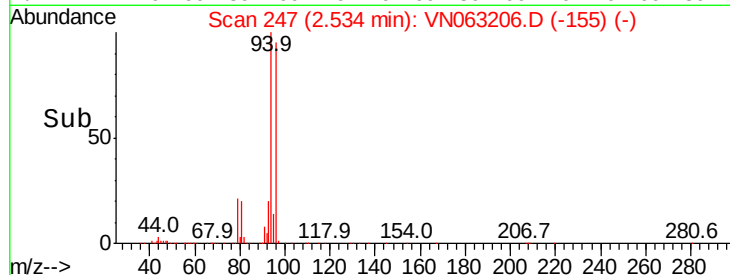
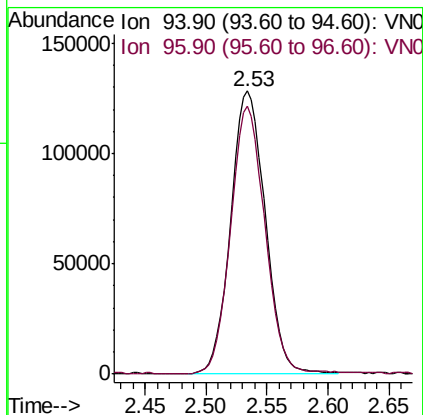
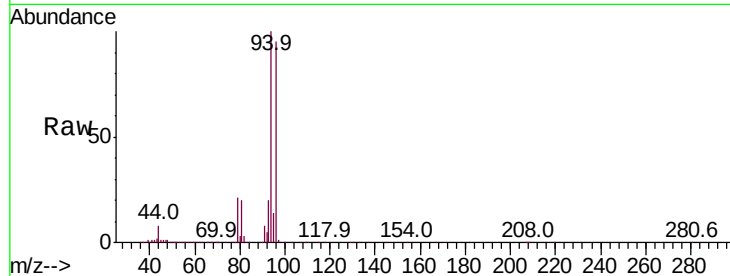
VSTDCCC050EC

Tot Ion: 94 Resp: 250935

Ion Ratio Lower Upper

94 100

96 94.8 74.4 111.6



#6

Chloroethane

Concen: 48.237 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063206.D

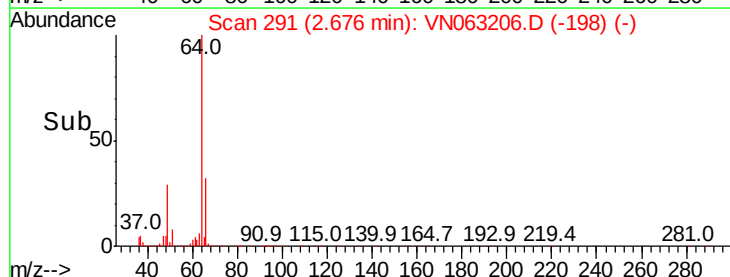
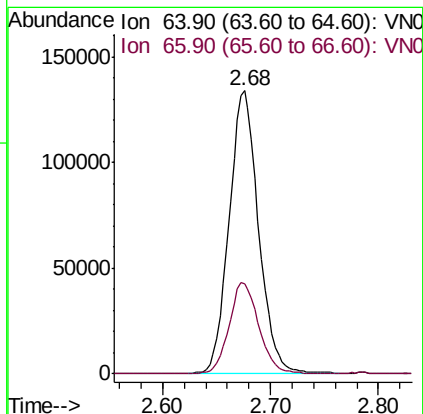
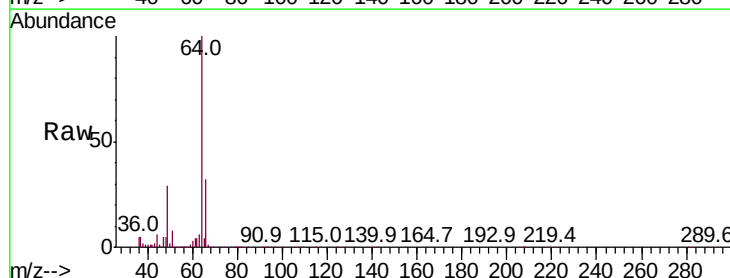
Acq: 2 Sep 2020 19:52

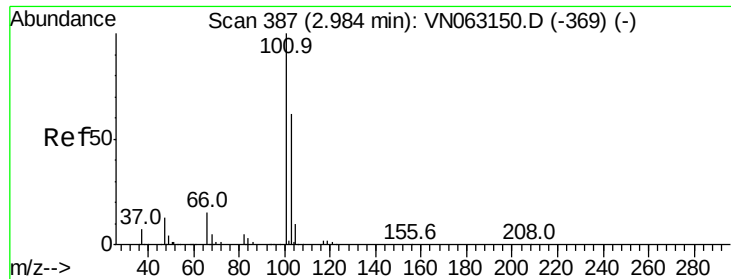
Tgt Ion: 64 Resp: 255462

Ion Ratio Lower Upper

64 100

66 31.8 24.7 37.1



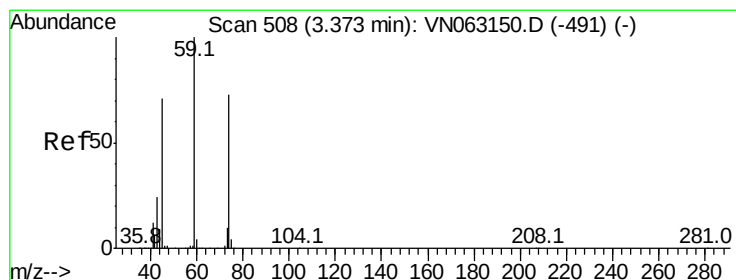
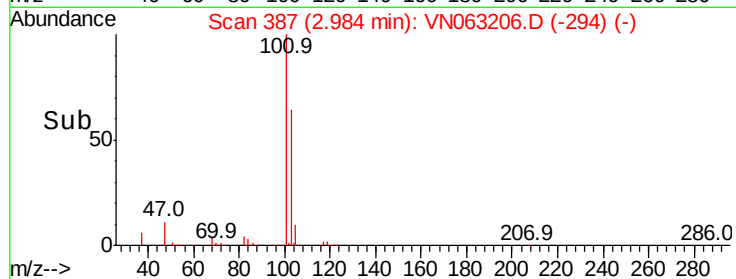
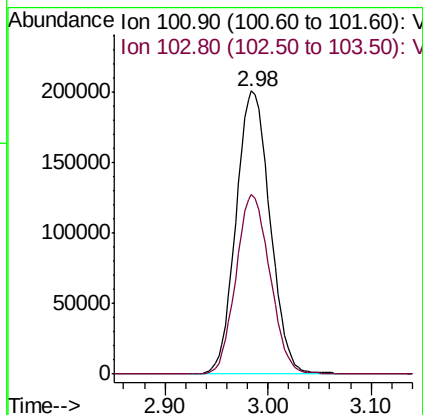
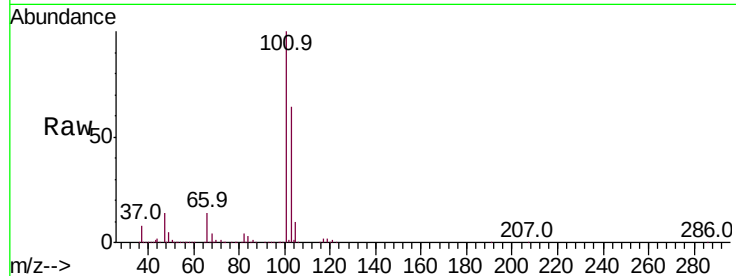


#7

Trichlorofluoromethane
 Concen: 50.154 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063206.D
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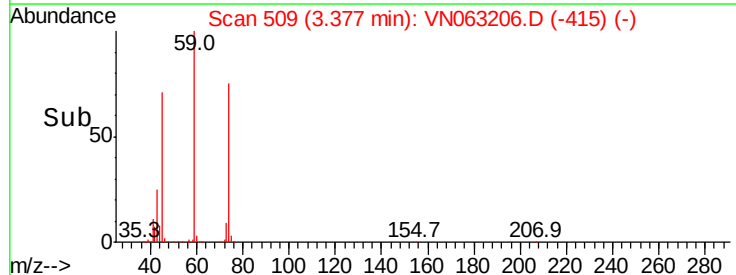
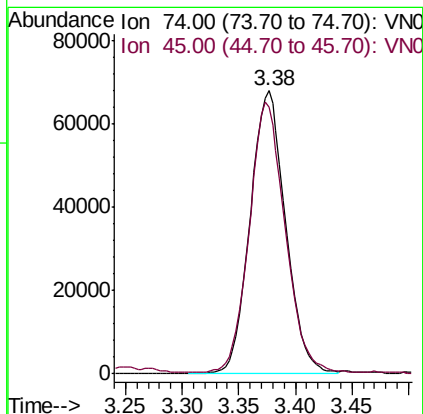
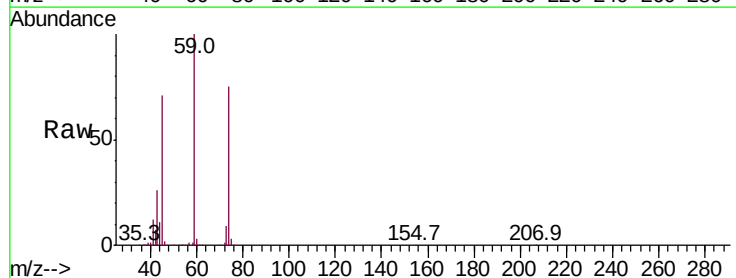
Tot Ion:101 Resp: 460766
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.7 74.5

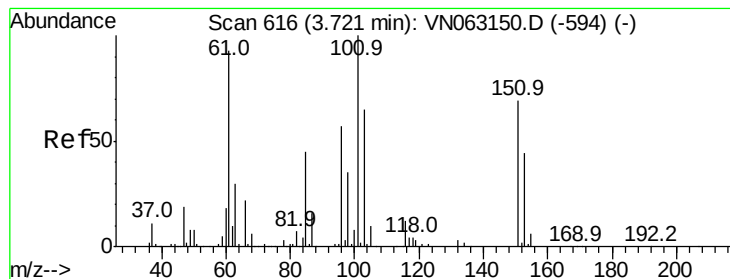


#8

Diethyl Ether
 Concen: 46.449 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion: 74 Resp: 148031
 Ion Ratio Lower Upper
 74 100
 45 96.2 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.288 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

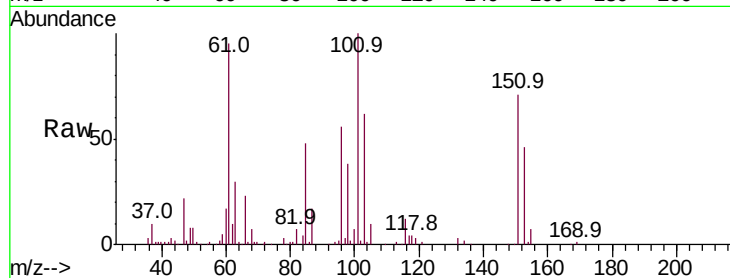
Tot Ion:101 Resp: 218620

Ion Ratio Lower Upper

101 100

85 47.6 37.8 56.8

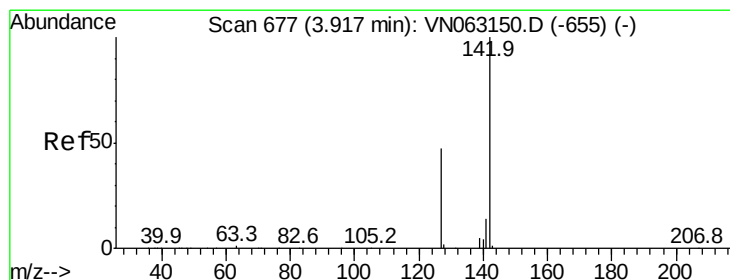
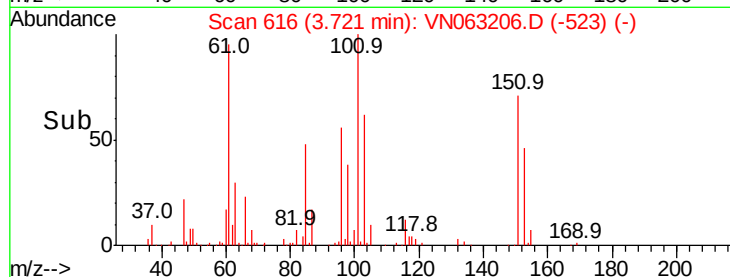
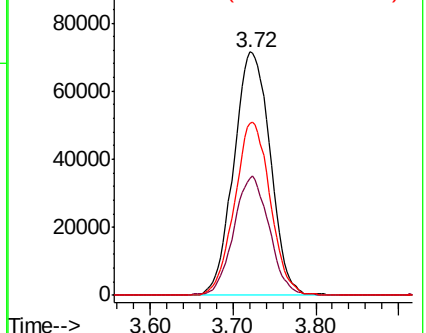
151 69.5 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.270 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

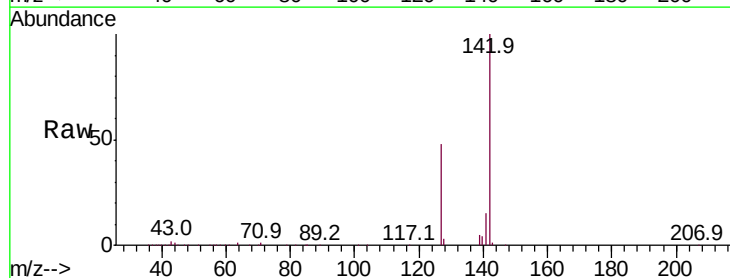
Tgt Ion:142 Resp: 291882

Ion Ratio Lower Upper

142 100

127 48.2 37.6 56.4

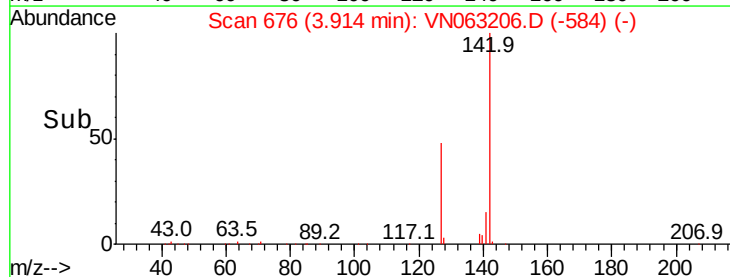
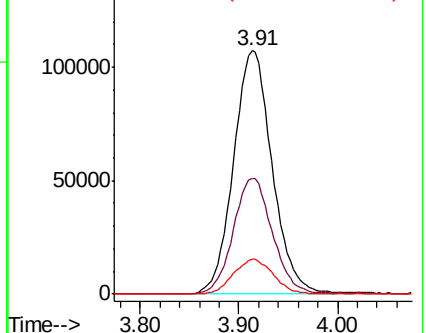
141 15.0 11.3 16.9

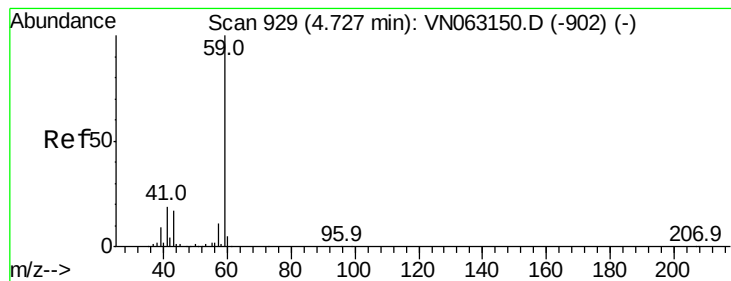


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 225.365 ug/l

RT: 4.73 min Scan# 929

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

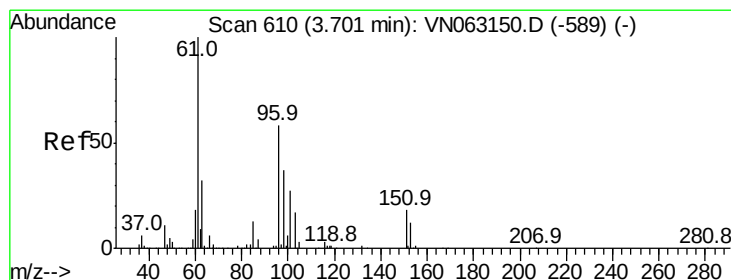
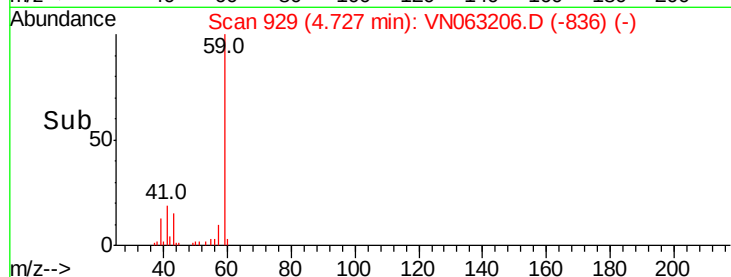
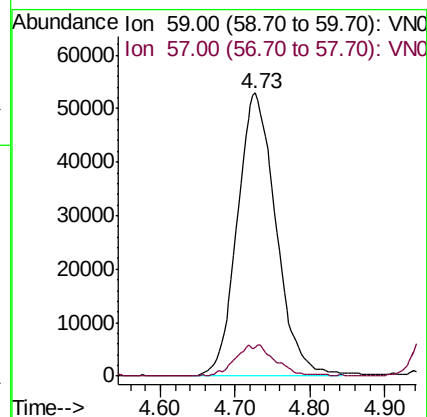
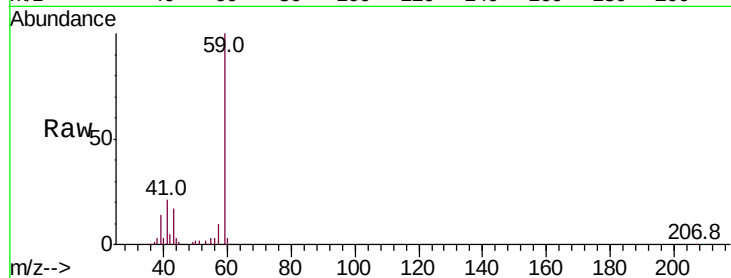
VSTDCCC050EC

Tot Ion: 59 Resp: 190147

Ion Ratio Lower Upper

59 100

57 5.3 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 47.858 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

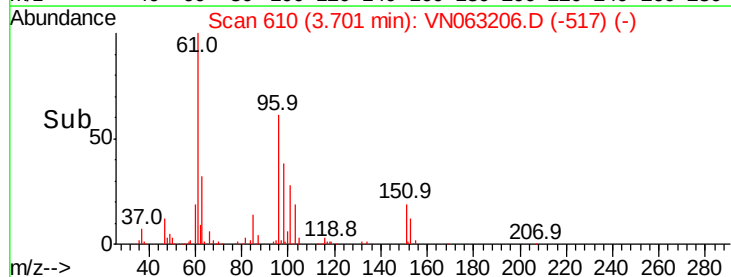
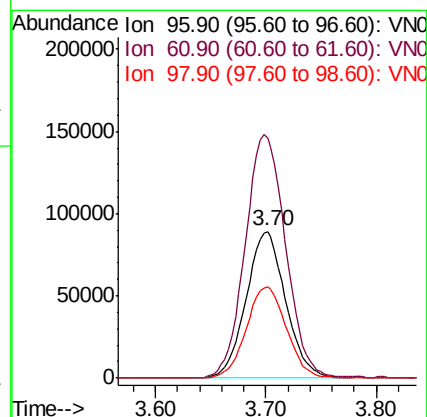
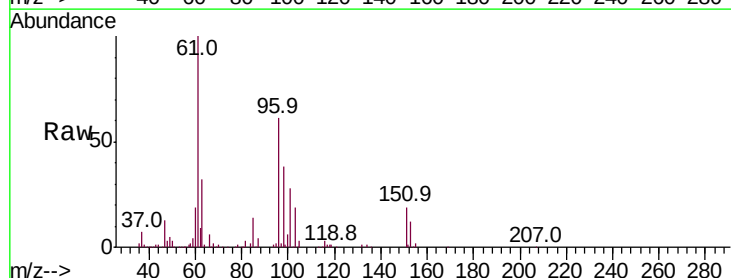
Tgt Ion: 96 Resp: 220780

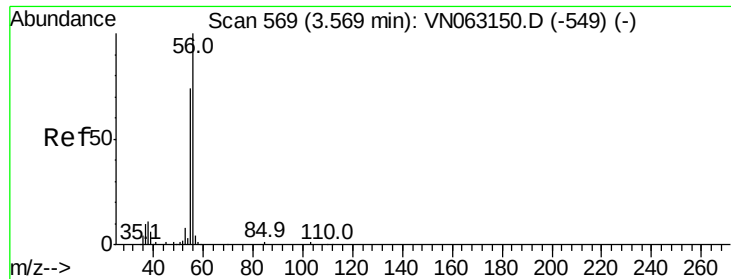
Ion Ratio Lower Upper

96 100

61 163.7 137.4 206.2

98 62.2 50.5 75.7

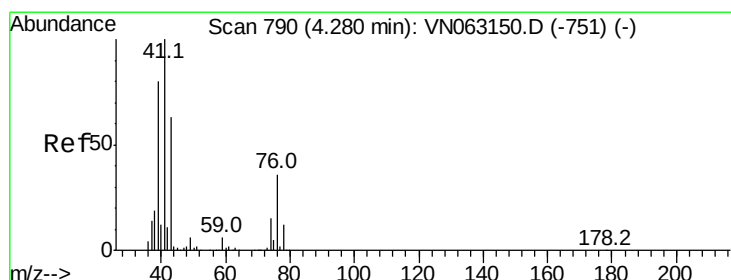
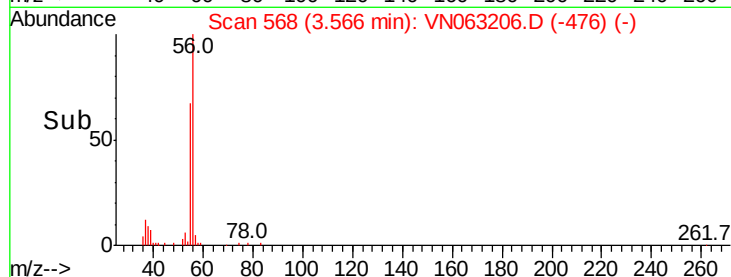
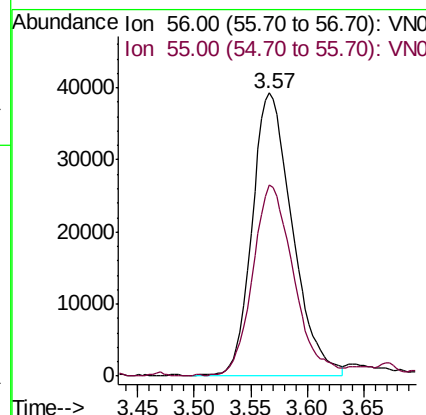
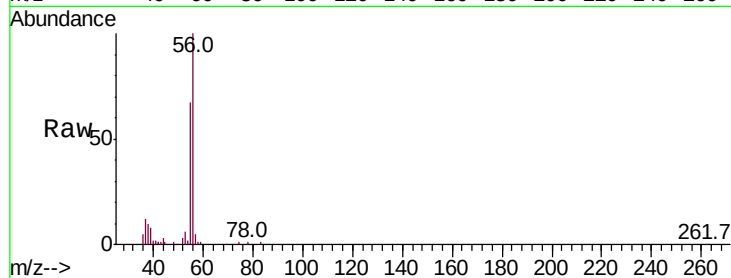




#13
 Acrolein
 Concen: 299.469 ug/l
 RT: 3.57 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

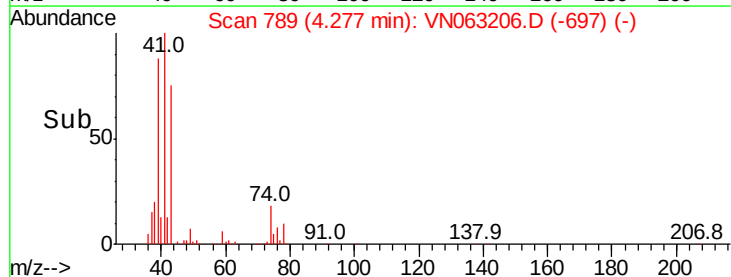
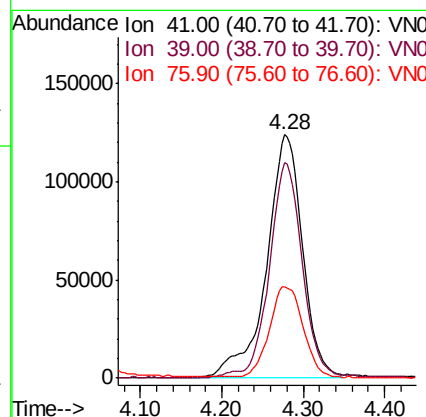
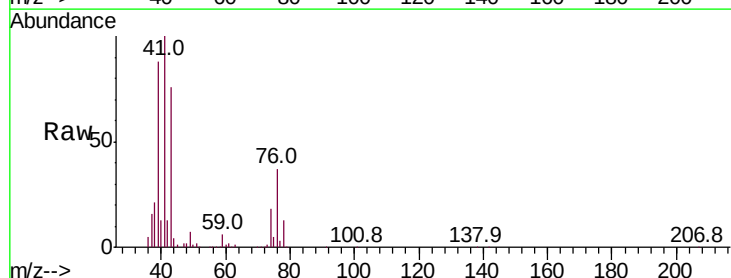
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

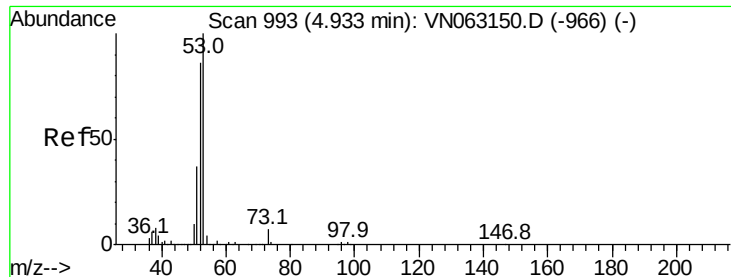
Tot Ion: 56 Resp: 97266
 Ion Ratio Lower Upper
 56 100
 55 68.5 55.4 83.0



#14
 Allyl chloride
 Concen: 46.600 ug/l
 RT: 4.28 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion: 41 Resp: 381808
 Ion Ratio Lower Upper
 41 100
 39 81.5 60.2 90.2
 76 34.7 27.7 41.5





#15

Acrylonitrile

Concen: 244.968 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

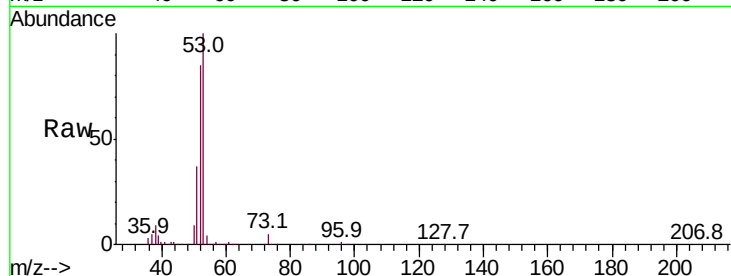
Tot Ion: 53 Resp: 578838

Ion Ratio Lower Upper

53 100

52 83.1 67.2 100.8

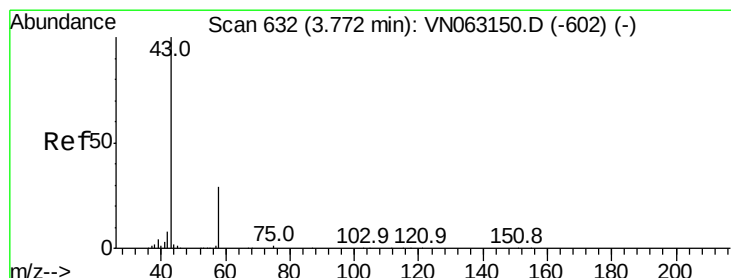
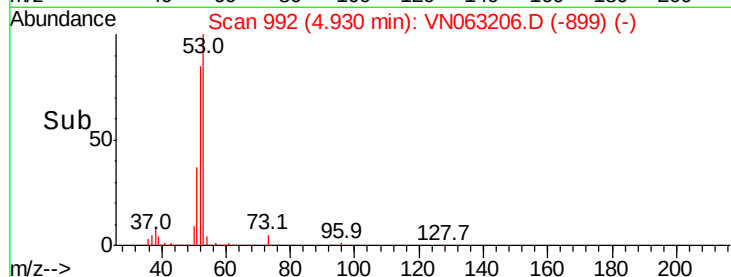
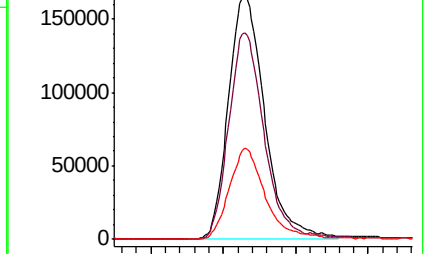
51 37.2 30.2 45.4



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) (-)



#16

Acetone

Concen: 248.586 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063206.D

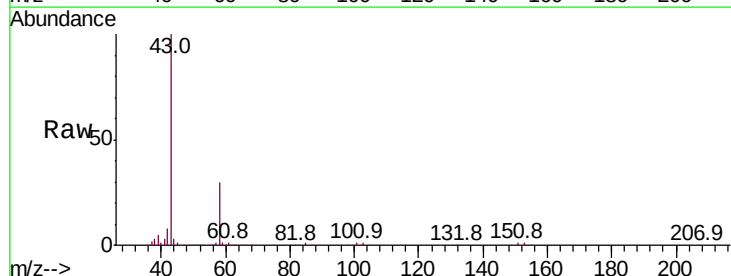
Acq: 2 Sep 2020 19:52

Tgt Ion: 43 Resp: 485727

Ion Ratio Lower Upper

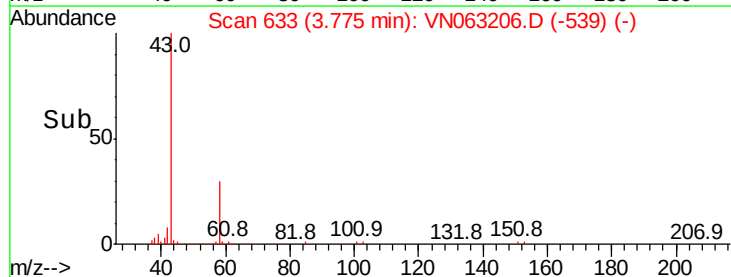
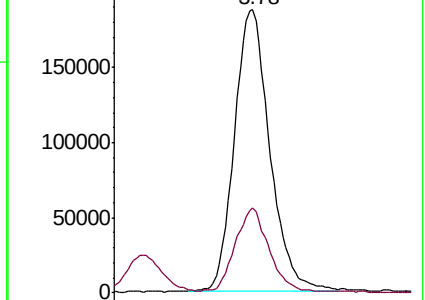
43 100

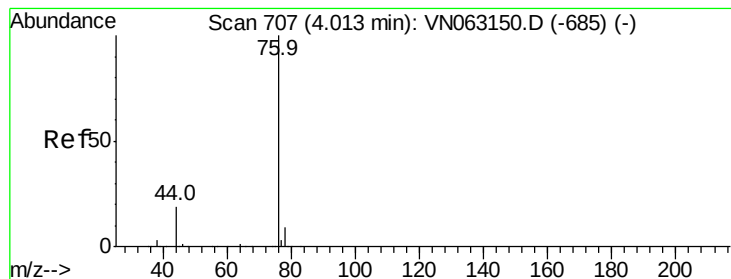
58 29.6 23.1 34.7



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

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





#17

Carbon Disulfide

Concen: 44.598 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

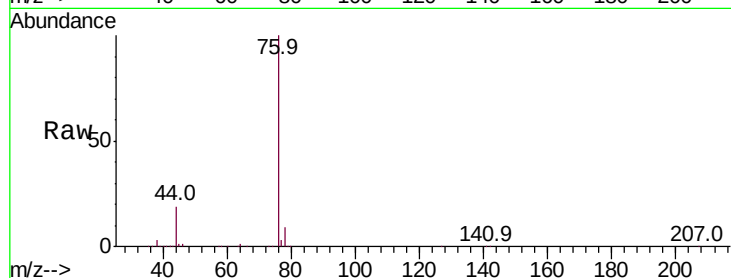
VSTDCCC050EC

Tot Ion: 76 Resp: 612388

Ion Ratio Lower Upper

76 100

78 9.4 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

250000

200000

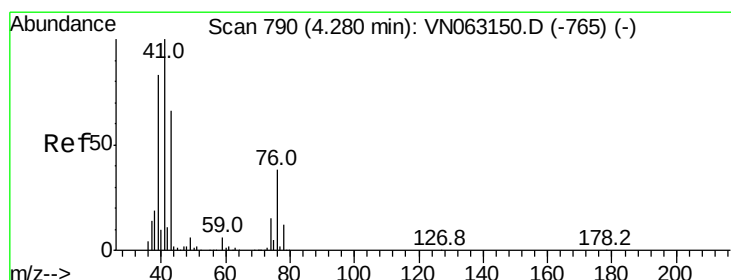
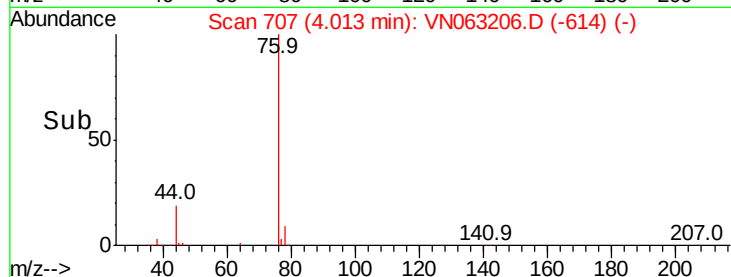
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 55.366 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063206.D

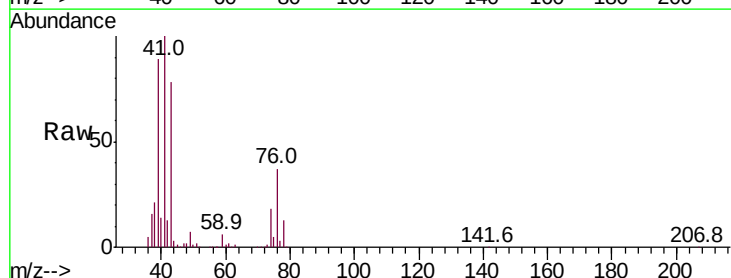
Acq: 2 Sep 2020 19:52

Tgt Ion: 43 Resp: 277386

Ion Ratio Lower Upper

43 100

74 24.1 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

100000

80000

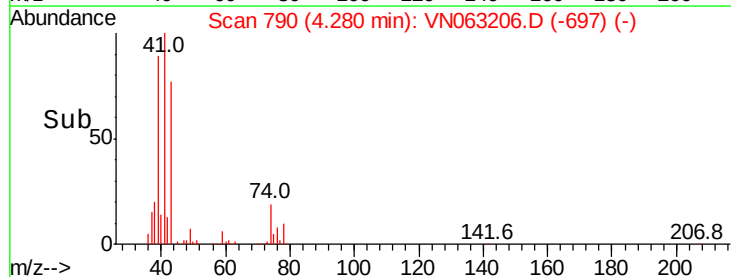
60000

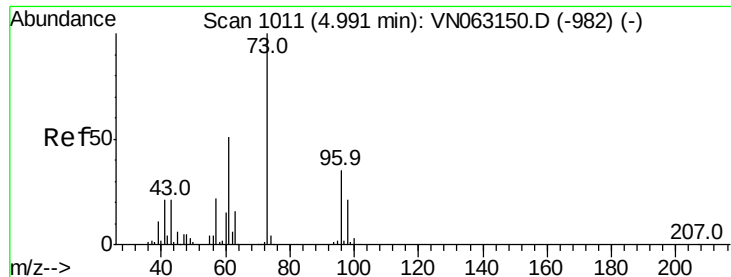
40000

20000

0

Time-->

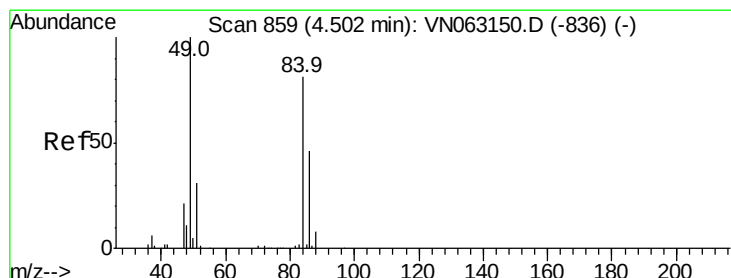
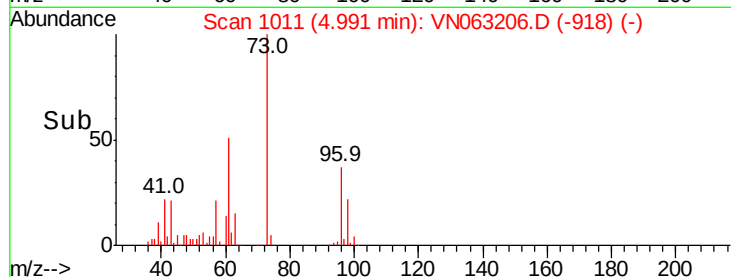
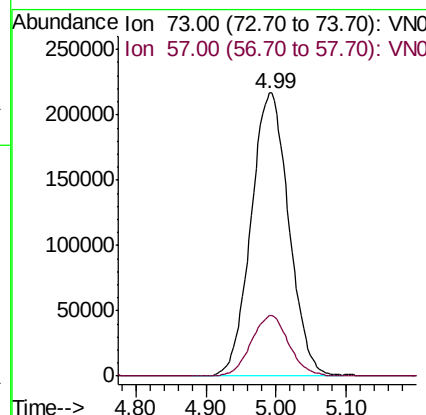
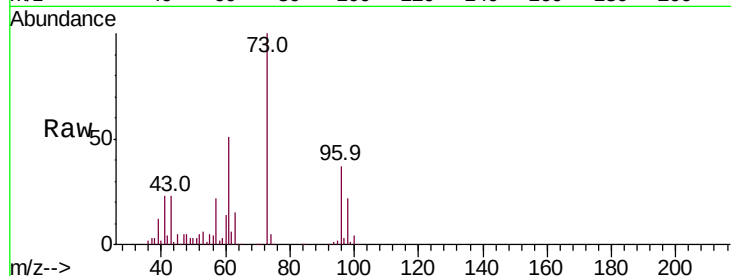




#19
Methvl tert-butvl Ether
Concen: 47.344 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

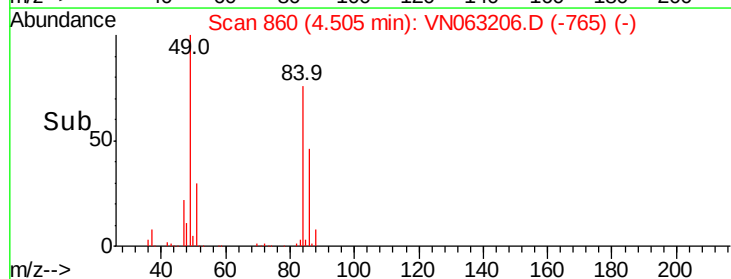
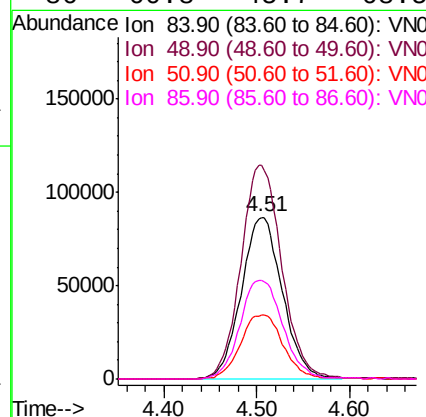
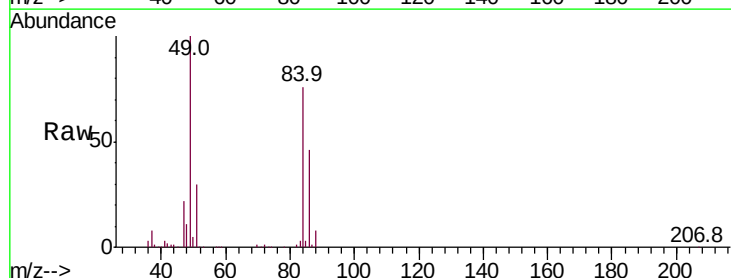
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

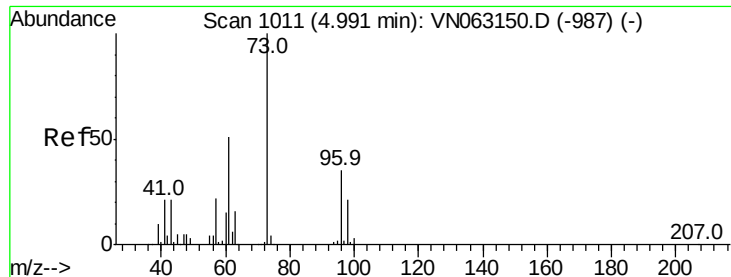
Tot Ion: 73 Resp: 810232
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4



#20
Methylene Chloride
Concen: 48.497 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 84 Resp: 266536
Ion Ratio Lower Upper
84 100
49 132.3 98.4 147.6
51 39.8 30.4 45.6
86 60.8 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 49.515 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

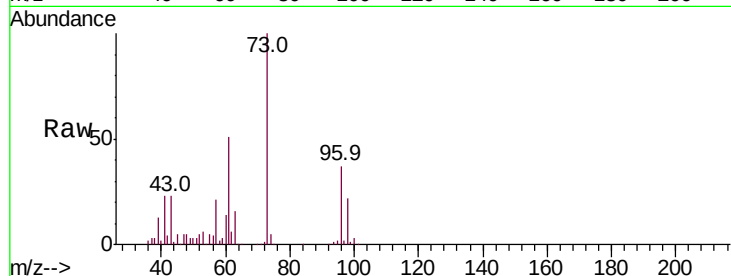
Tot Ion: 96 Resp: 252367

Ion Ratio Lower Upper

96 100

61 137.9 116.2 174.4

98 60.2 48.0 72.0

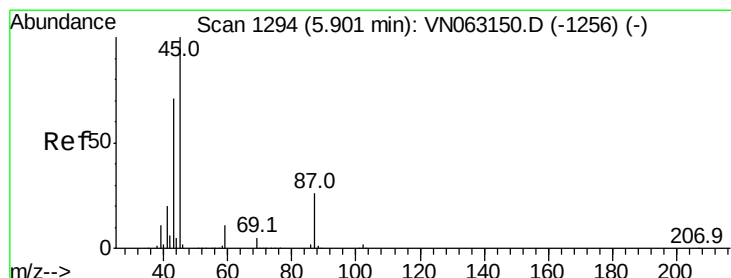
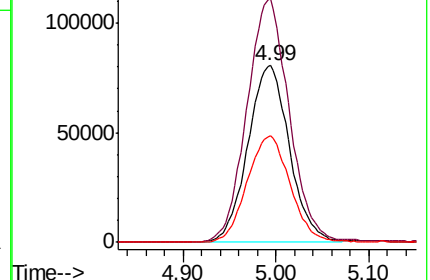
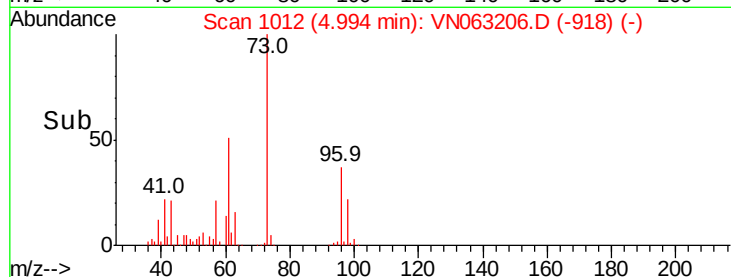


Abundance Ion 95.90 (95.60 to 96.60): VN063150.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN063150.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN063150.D (-987) (-)

Time-->



#22

Diisopropyl ether

Concen: 48.490 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Tgt Ion: 45 Resp: 890288

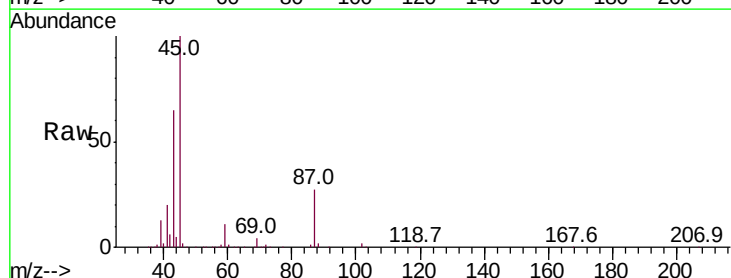
Ion Ratio Lower Upper

45 100

43 63.2 56.8 85.2

87 27.3 21.1 31.7

59 11.2 8.9 13.3



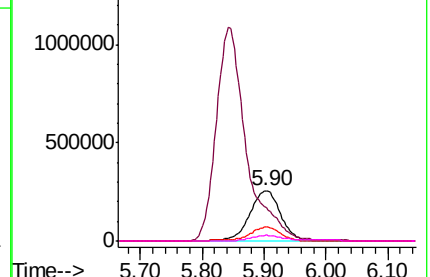
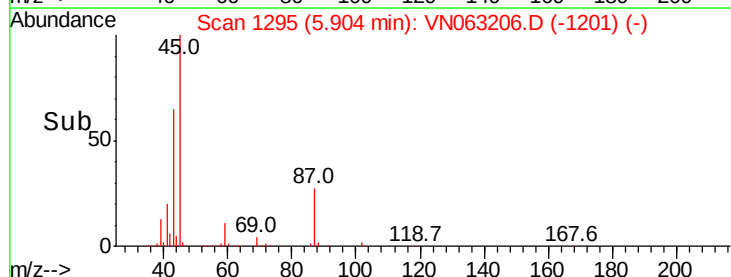
Abundance Ion 45.00 (44.70 to 45.70): VN063150.D (-1256) (-)

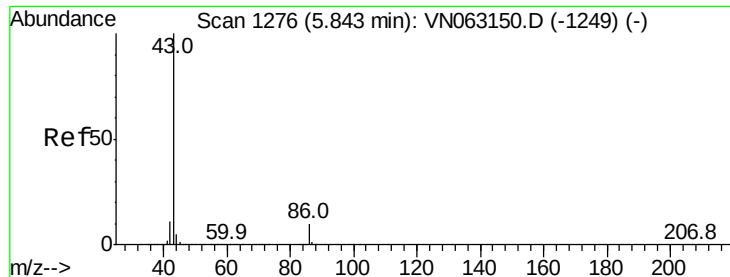
Ion 43.00 (42.70 to 43.70): VN063150.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063150.D (-1256) (-)

Time-->

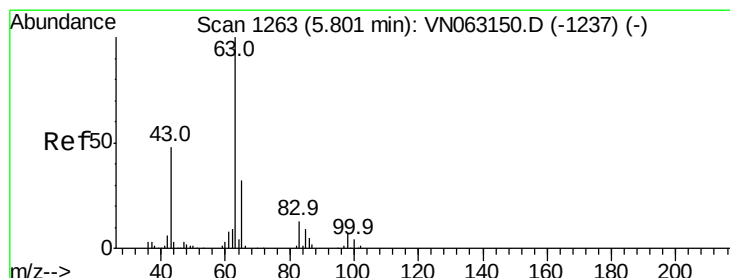
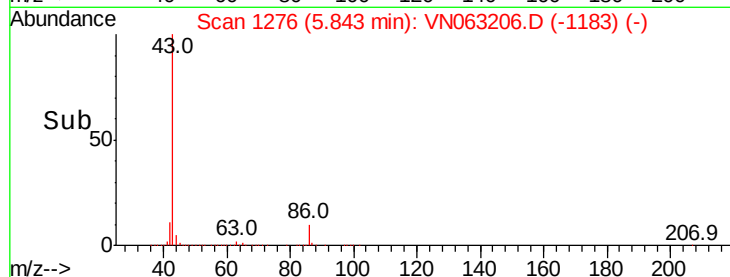
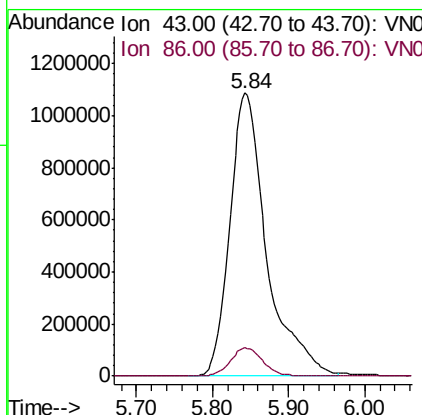
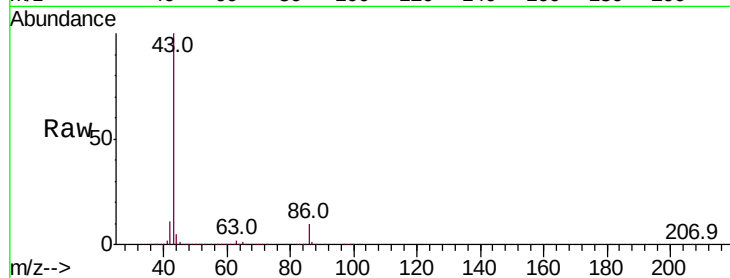




#23
 Vinyl Acetate
 Concen: 249.657 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

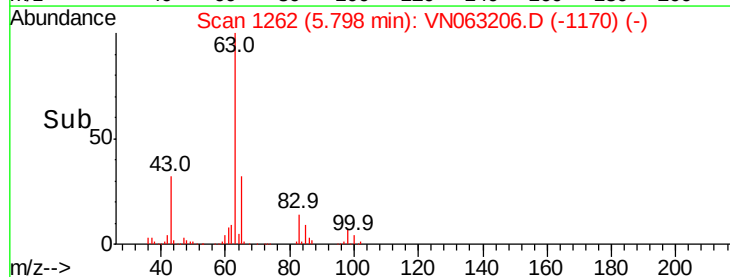
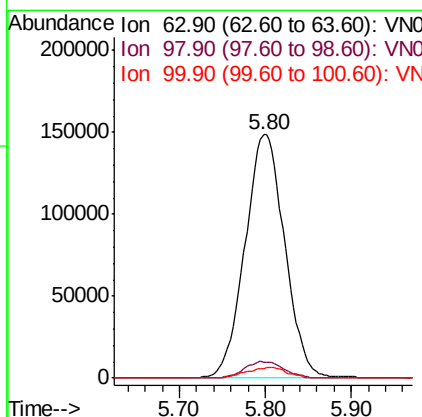
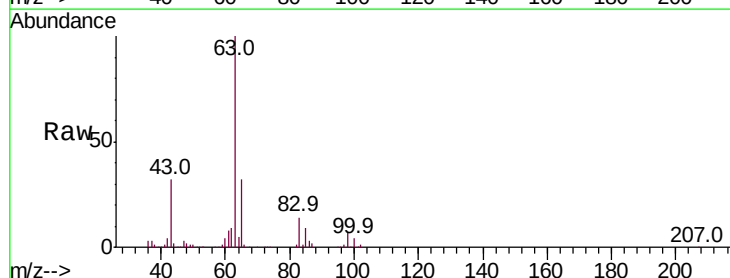
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

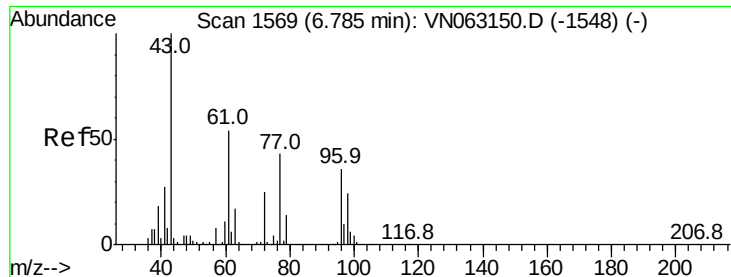
Tot Ion: 43 Resp: 3657480
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 47.169 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion: 63 Resp: 477435
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 3.9 2.3 6.8





#25

2-Butanone

Concen: 260.641 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

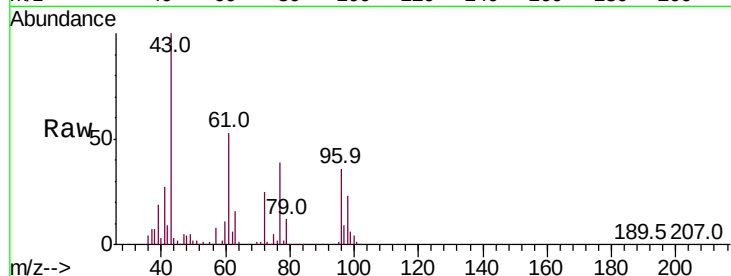
VSTDCCC050EC

Tot Ion: 43 Resp: 788574

Ion Ratio Lower Upper

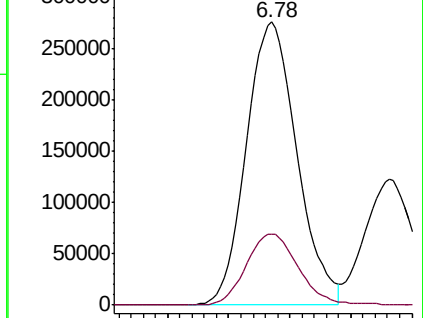
43 100

72 25.3 20.2 30.4

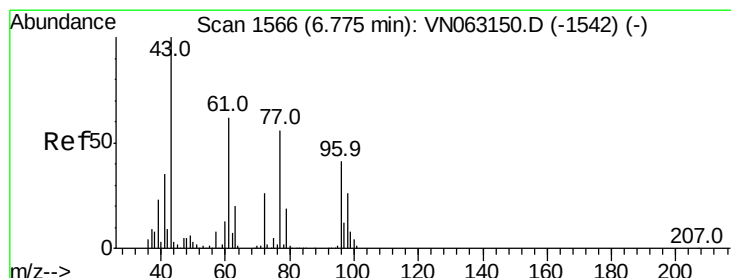
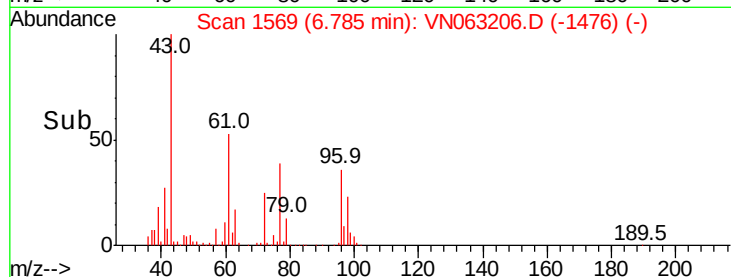


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



Time-->



#26

2,2-Dichloropropane

Concen: 41.347 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063206.D

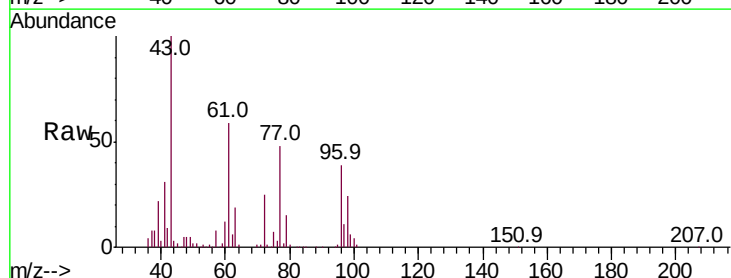
Acq: 2 Sep 2020 19:52

Tgt Ion: 77 Resp: 379177

Ion Ratio Lower Upper

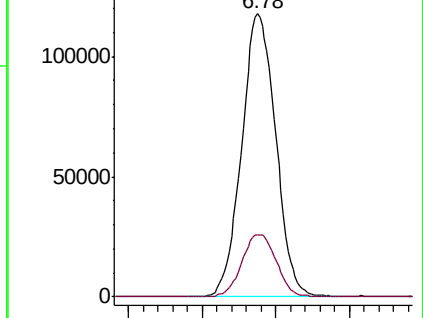
77 100

97 22.3 10.7 31.9

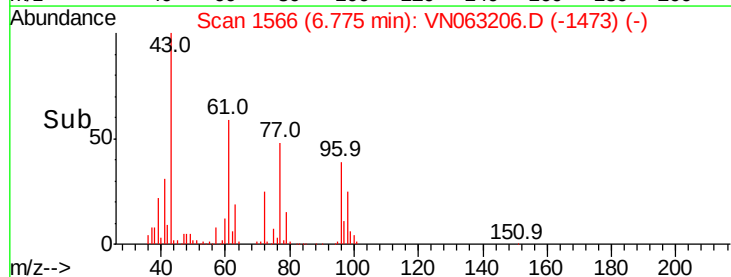


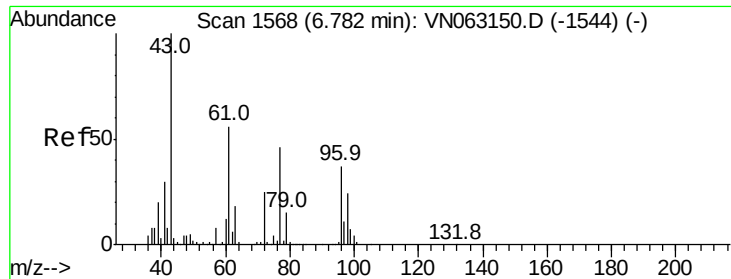
Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



Time-->

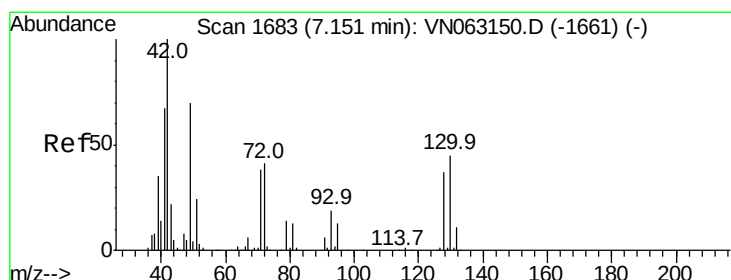
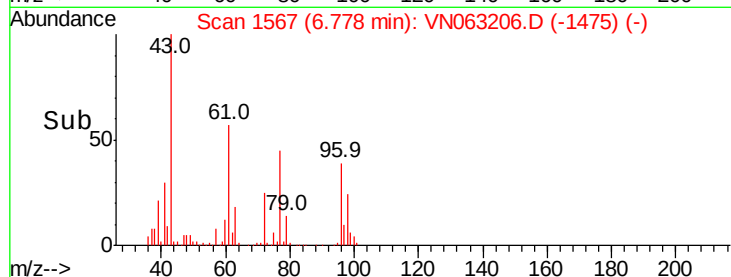
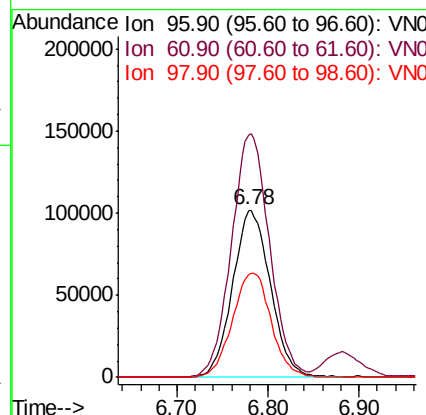
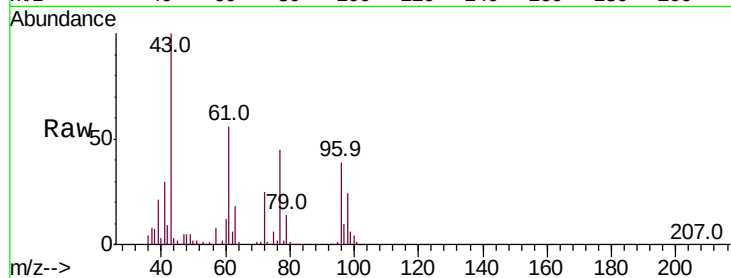




#27
 cis-1,2-Dichloroethene
 Concen: 47.476 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

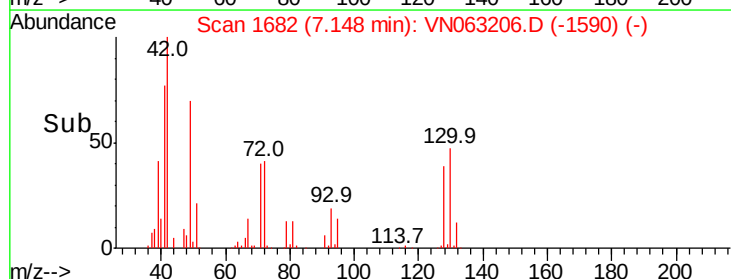
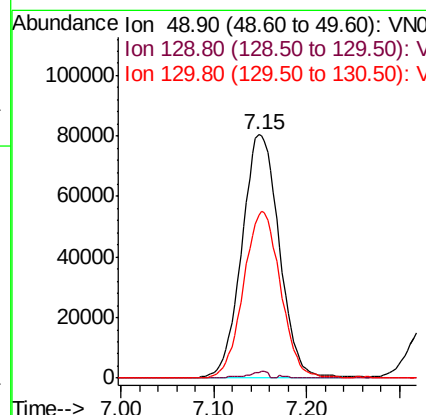
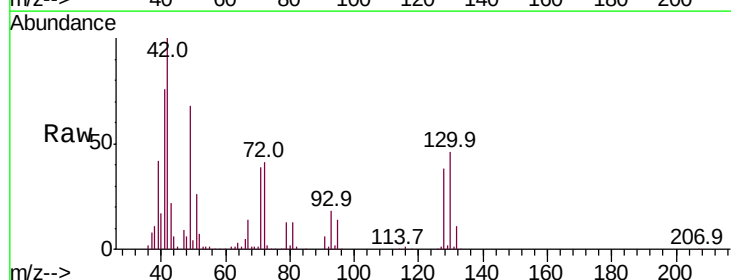
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

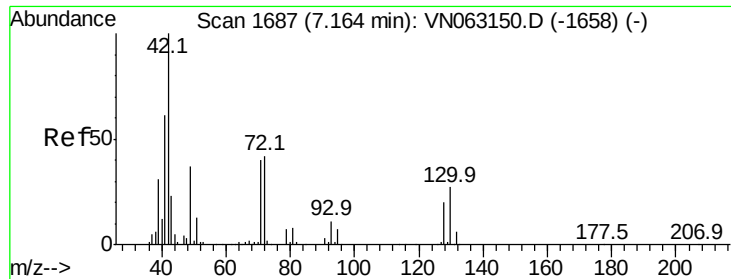
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	303.2
98	63.8	0.0	129.0



#28
 Bromochloromethane
 Concen: 42.717 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.0
130	67.7	54.4	81.6

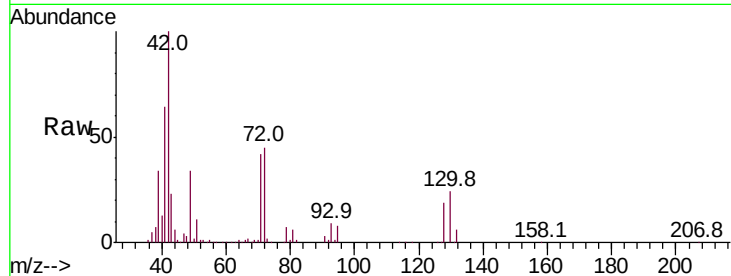




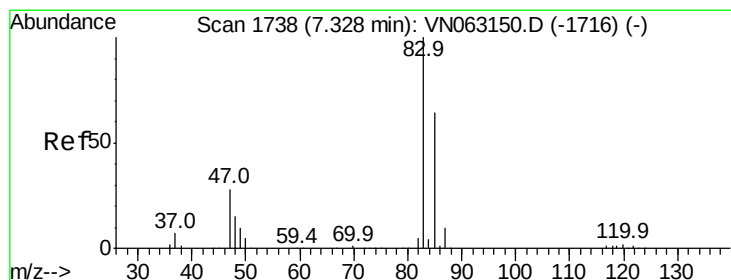
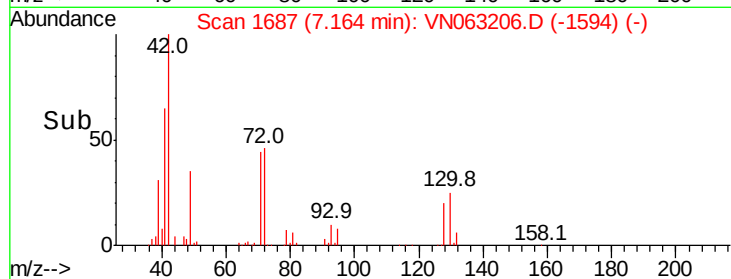
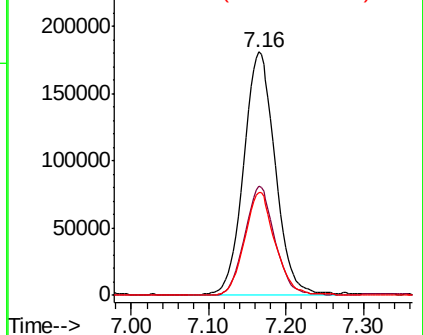
#29
Tetrahydrofuran
Concen: 245.810 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 514237
Ion Ratio Lower Upper
42 100
72 42.8 33.9 50.9
71 40.9 31.9 47.9

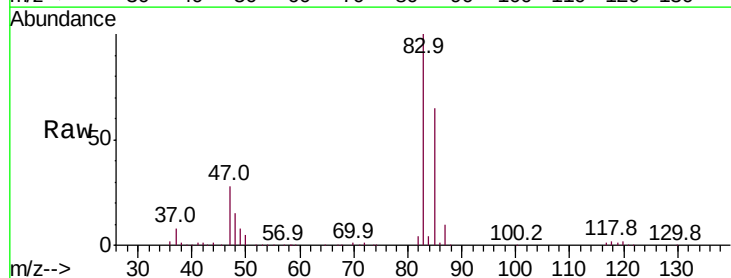


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

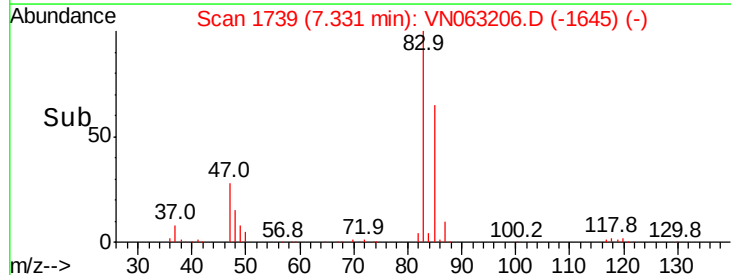
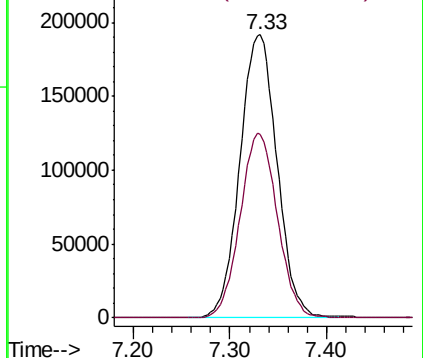


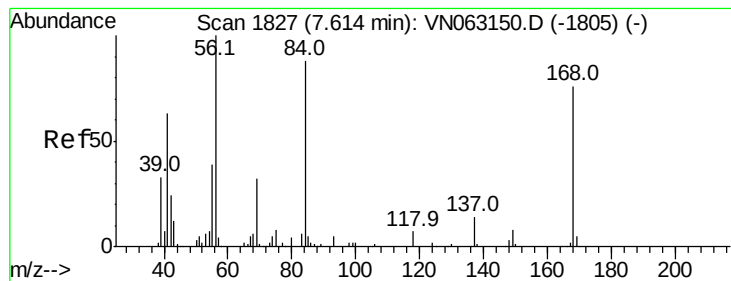
#30
Chloroform
Concen: 48.306 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 83 Resp: 511542
Ion Ratio Lower Upper
83 100
85 65.0 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: 45.935 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

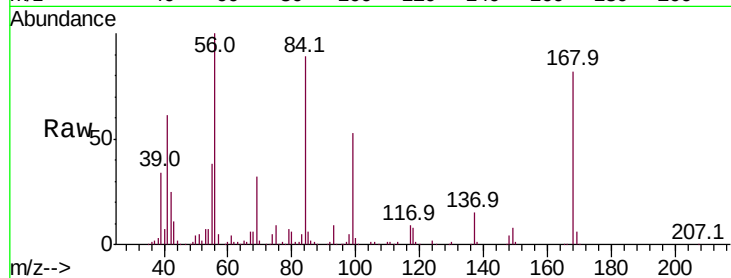
Tot Ion: 56 Resp: 410994

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.0

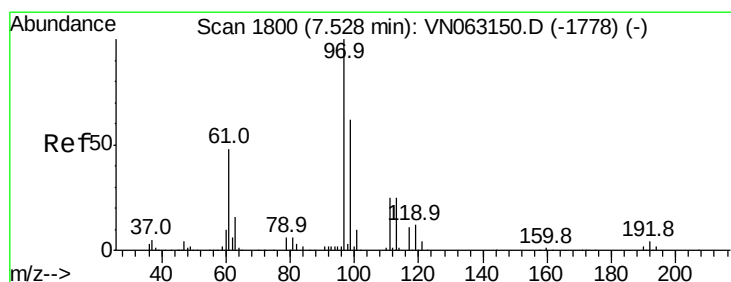
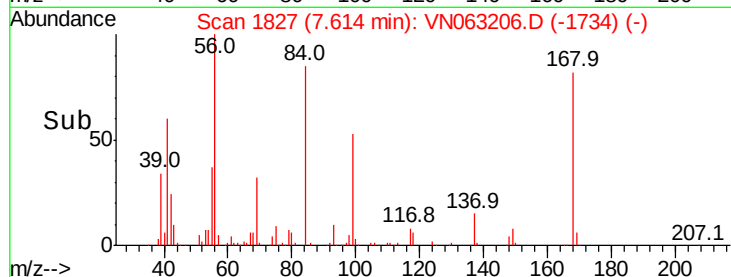
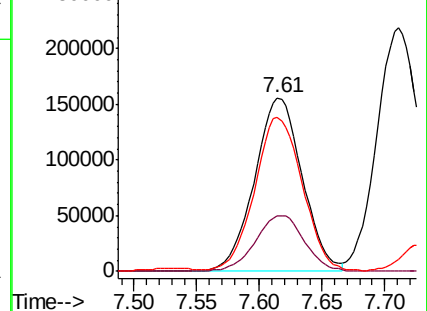
84 87.6 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 49.486 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

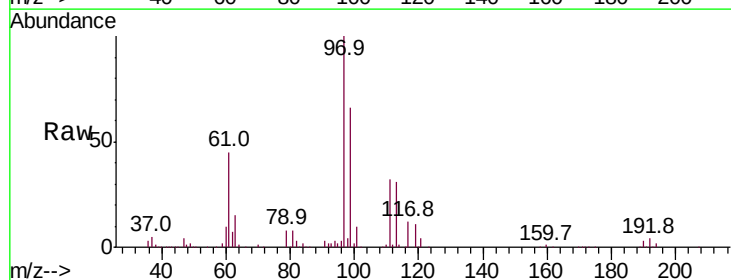
Tgt Ion: 97 Resp: 451573

Ion Ratio Lower Upper

97 100

99 64.9 50.8 76.2

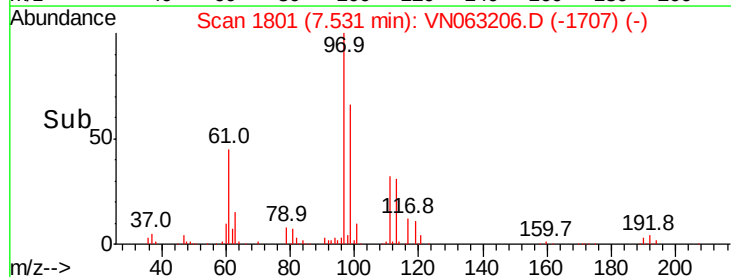
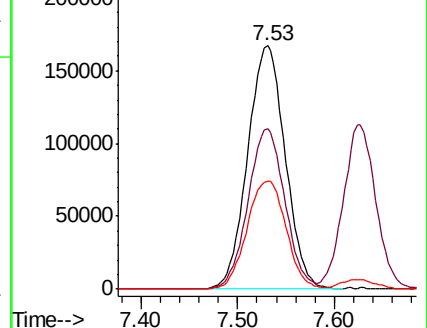
61 46.3 37.4 56.2

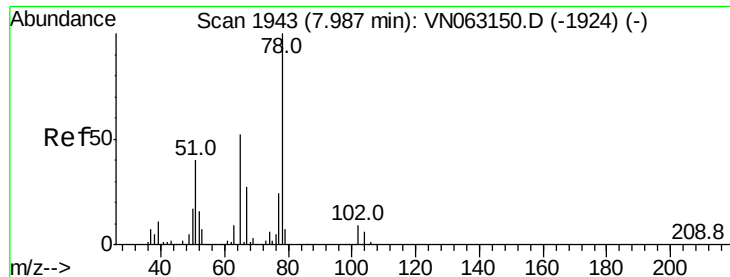


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 50.676 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

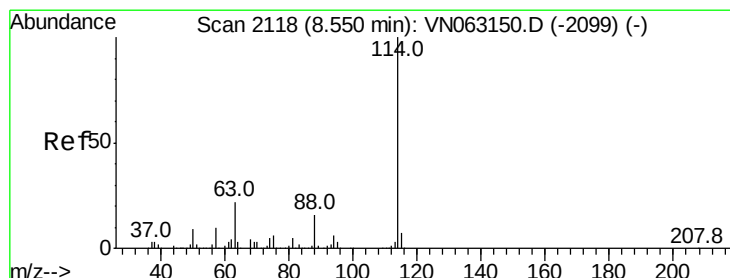
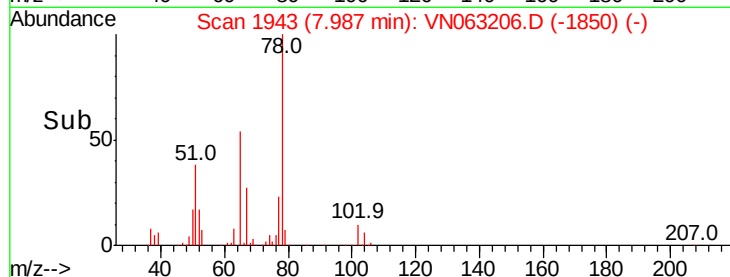
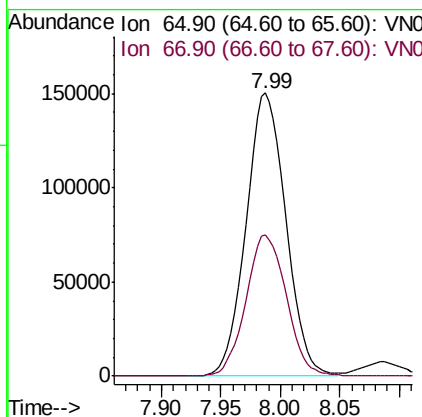
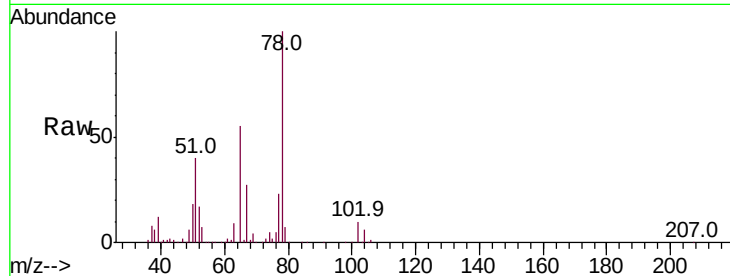
Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 65 Resp: 348325

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

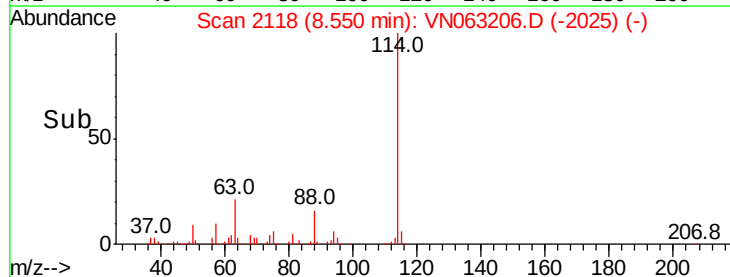
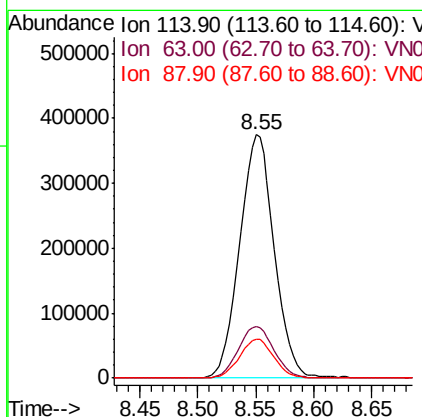
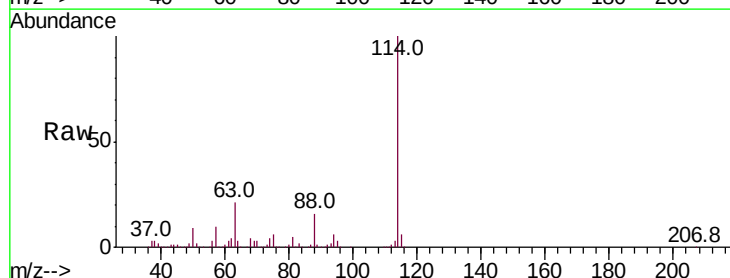
Delta R.T. 0.00 min

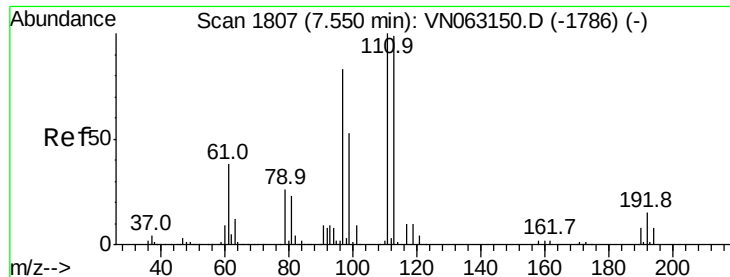
Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Tgt Ion: 114 Resp: 775037

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.0
88	15.9	0.0	31.6

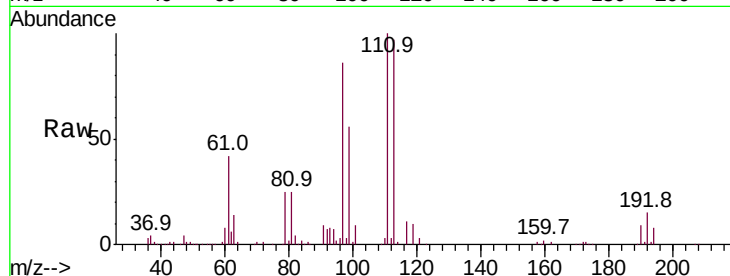




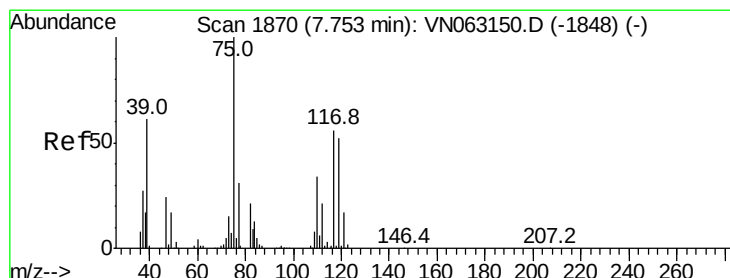
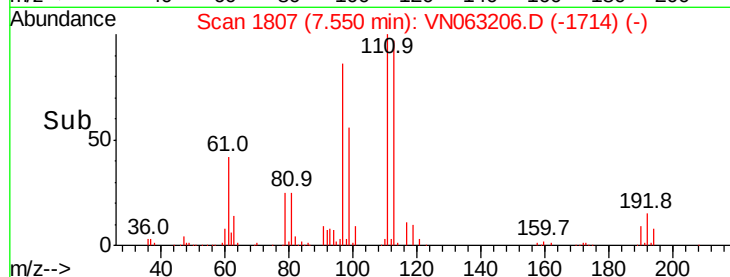
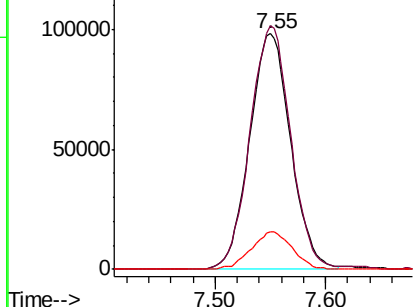
#35
 Dibromofluoromethane
 Concen: 51.079 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 253978
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.7 121.1
 192 15.9 12.6 19.0

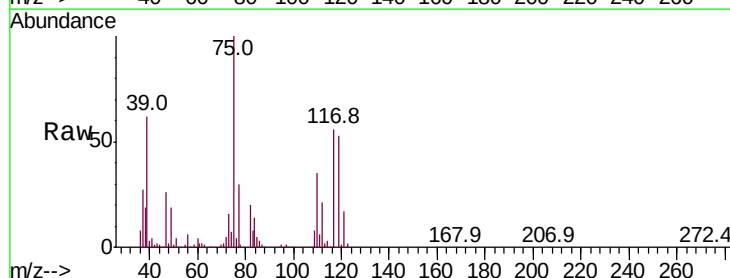


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

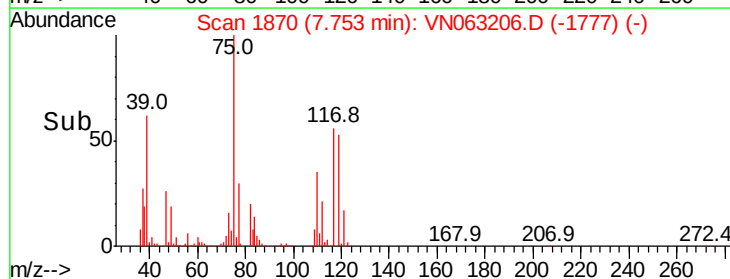
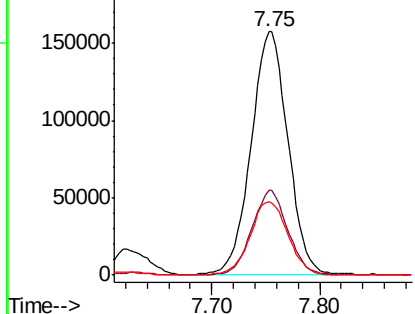


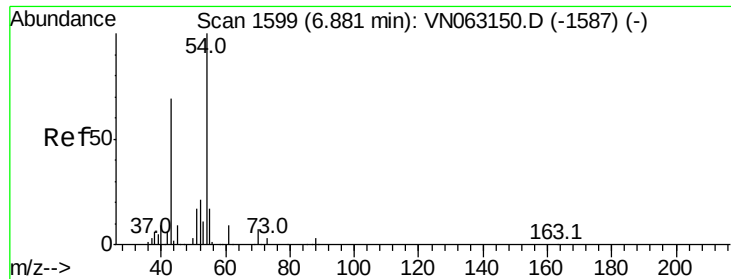
#36
 1,1-Dichloropropene
 Concen: 49.876 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion: 75 Resp: 371614
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.6 49.8
 77 31.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

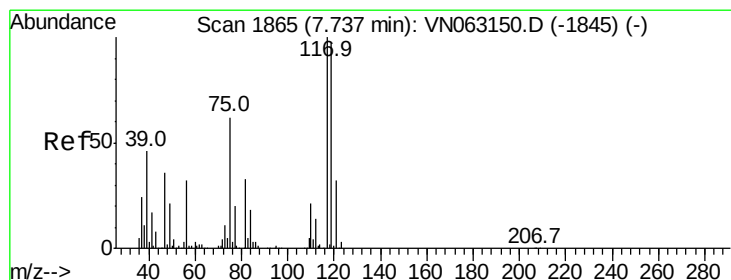
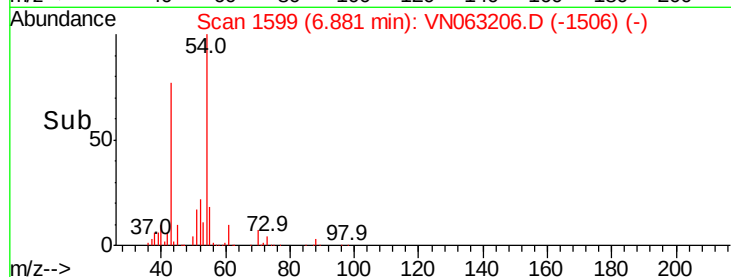
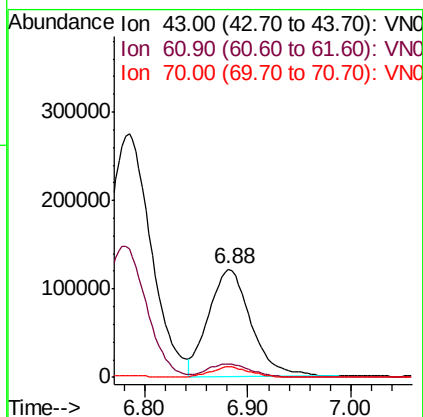
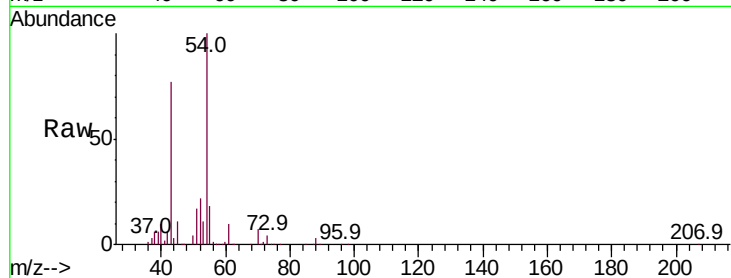




#37
Ethyl Acetate
Concen: 49.038 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

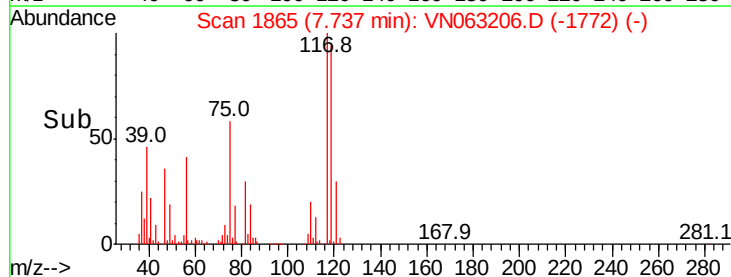
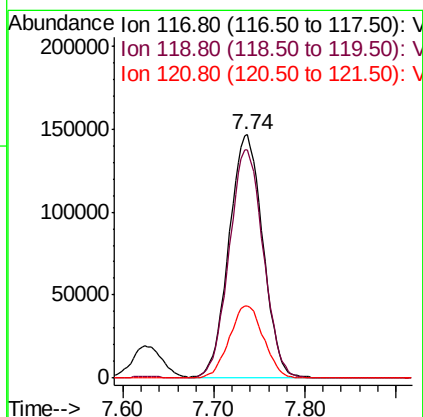
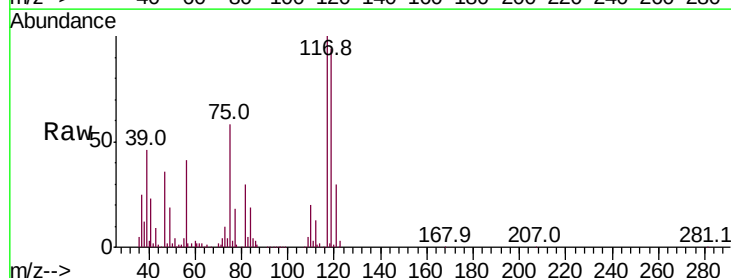
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

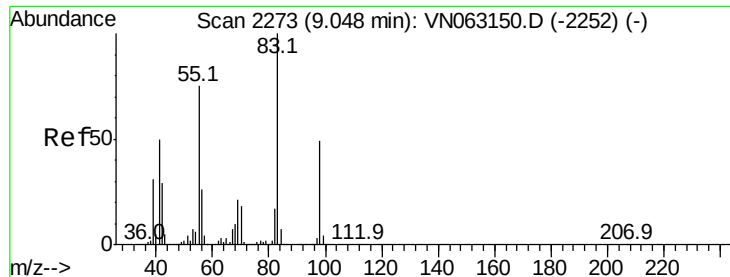
Tot Ion: 43 Resp: 344960
Ion Ratio Lower Upper
43 100
61 12.0 10.2 15.4
70 9.4 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 50.077 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 117 Resp: 378385
Ion Ratio Lower Upper
117 100
119 93.6 77.2 115.8
121 29.6 25.6 38.4

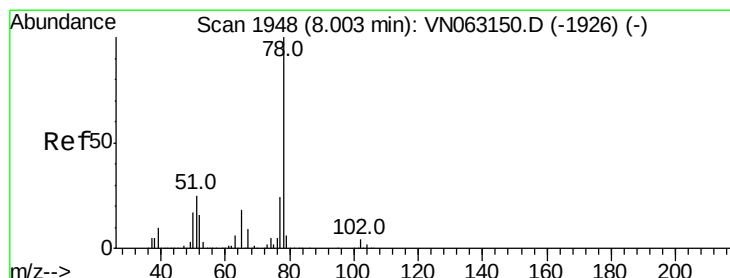
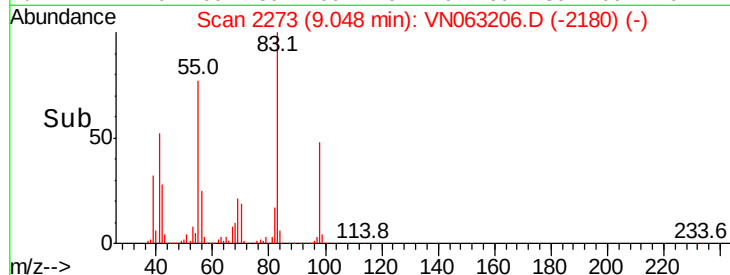
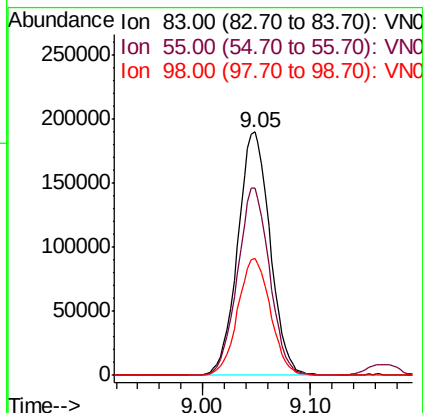
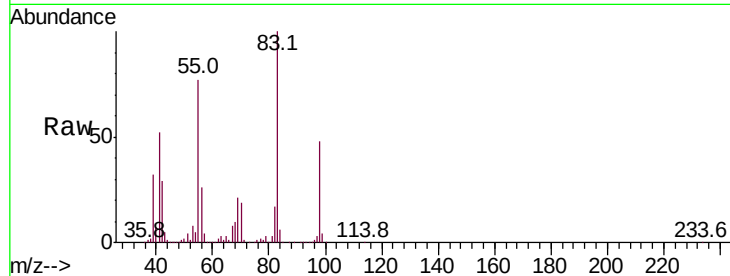




#39
Methylvlcyclohexane
Concen: 47.482 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

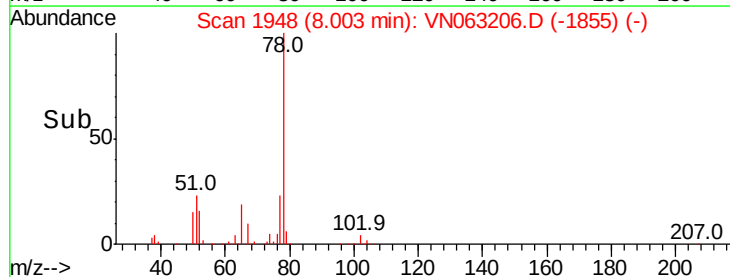
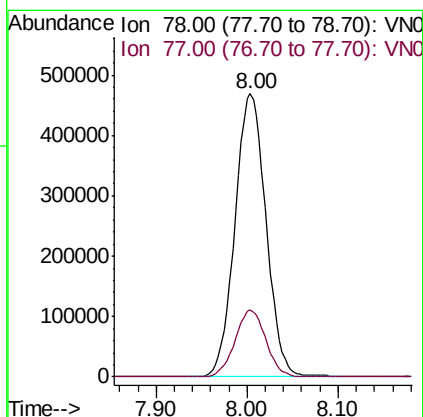
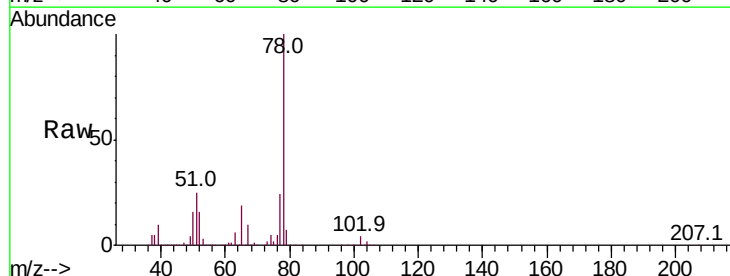
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

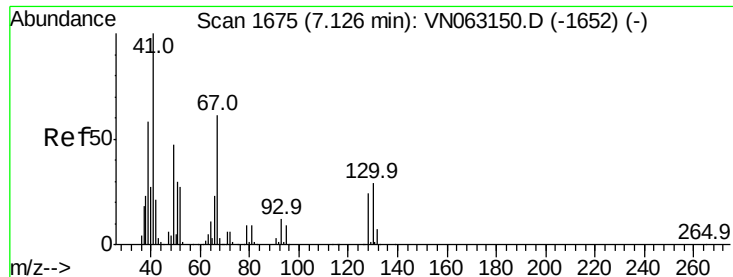
Tot Ion: 83 Resp: 397446
Ion Ratio Lower Upper
83 100
55 77.2 60.3 90.5
98 47.9 38.9 58.3



#40
Benzene
Concen: 50.809 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 78 Resp: 1112469
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

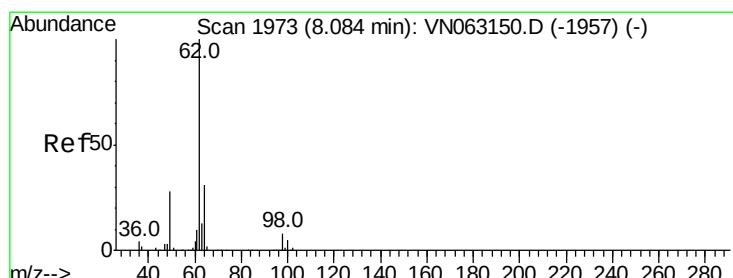
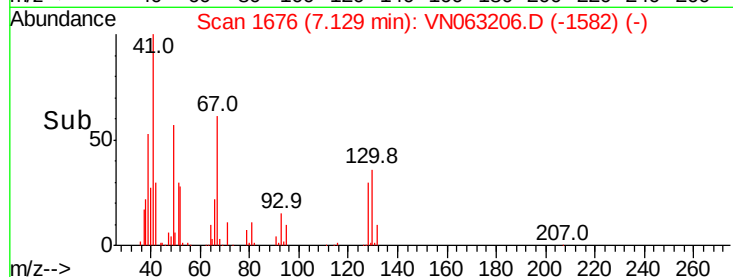
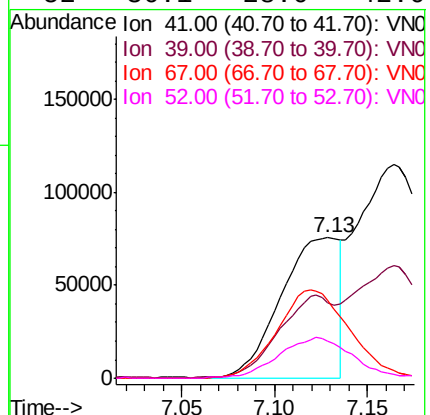
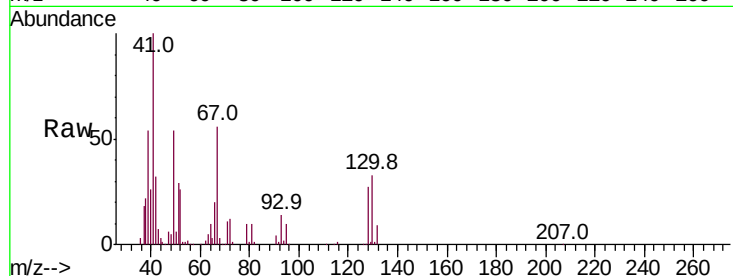




#41
Methacrylonitrile
Concen: 52.956 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

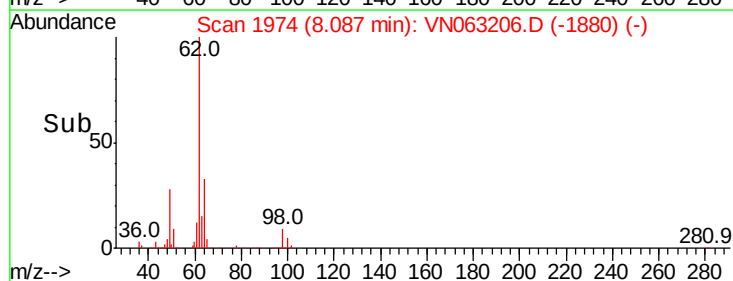
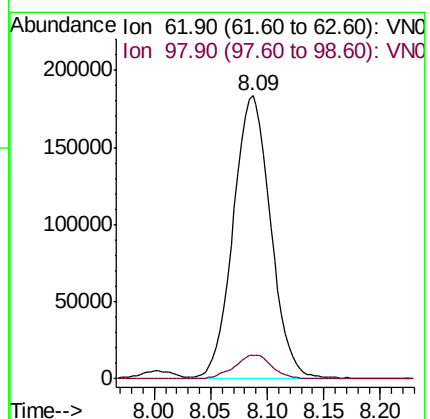
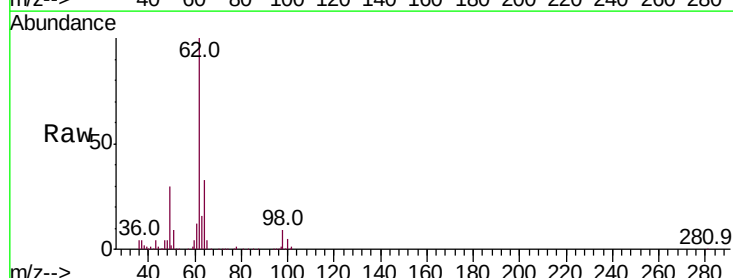
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

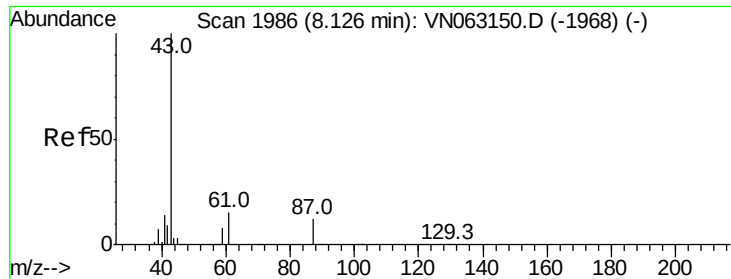
Tot Ion:	41	Resp:	166220
Ion	Ratio	Lower	Upper
41	100		
39	53.6	46.6	70.0
67	78.8	62.6	94.0
52	36.1	28.0	42.0



#42
1,2-Dichloroethane
Concen: 51.339 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion:	62	Resp:	419891
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 51.916 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

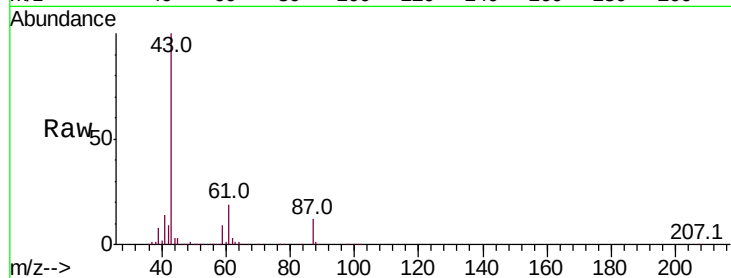
Tot Ion: 43 Resp: 630837

Ion Ratio Lower Upper

43 100

61 18.3 20.2 30.4#

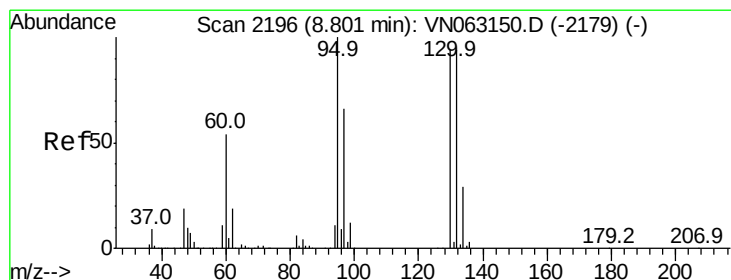
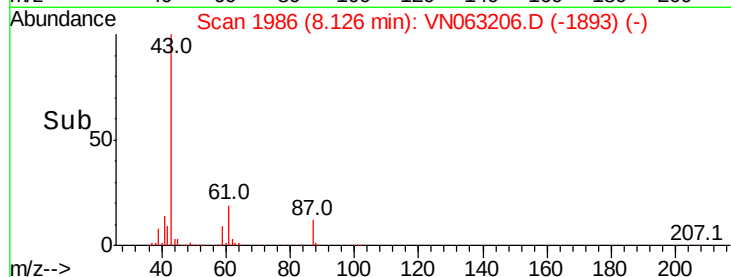
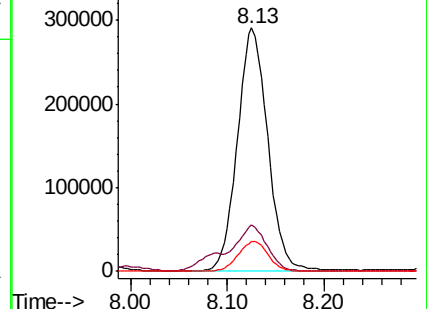
87 12.3 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 53.635 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063206.D

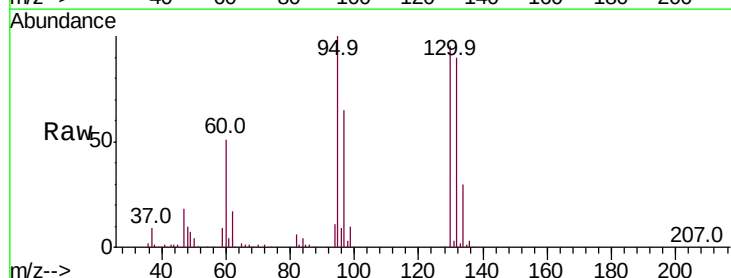
Acq: 2 Sep 2020 19:52

Tgt Ion:130 Resp: 284845

Ion Ratio Lower Upper

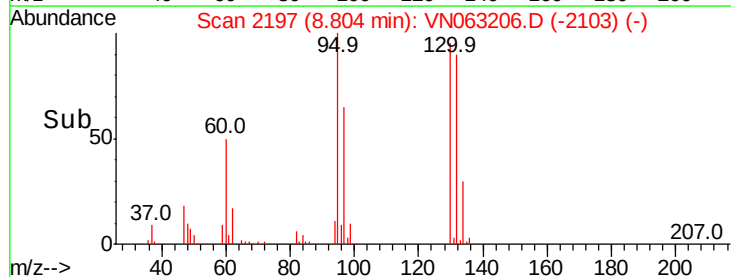
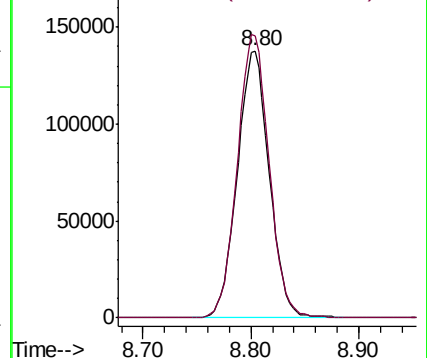
130 100

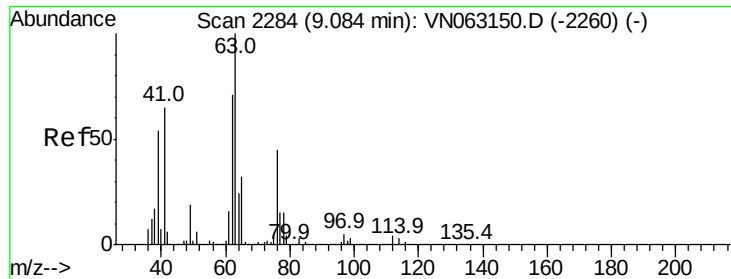
95 105.8 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 48.752 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

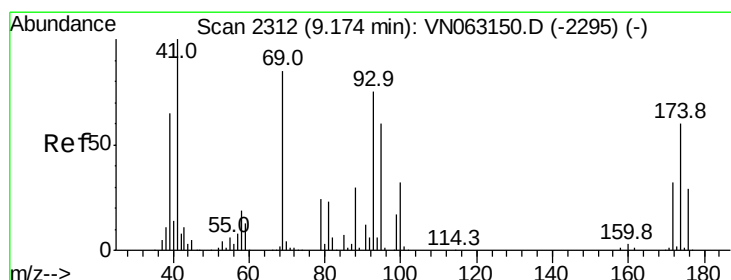
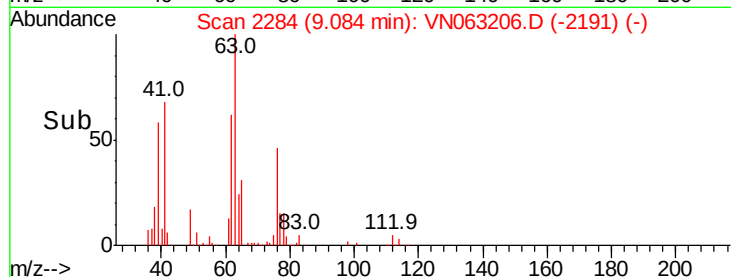
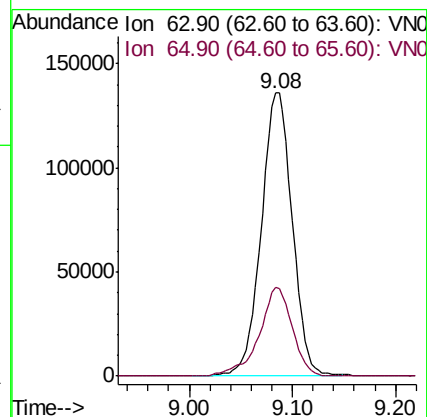
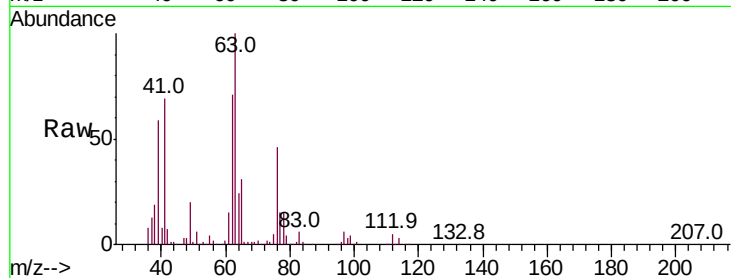
VSTDCCC050EC

Tot Ion: 63 Resp: 282623

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.0



#46

Dibromomethane

Concen: 52.004 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

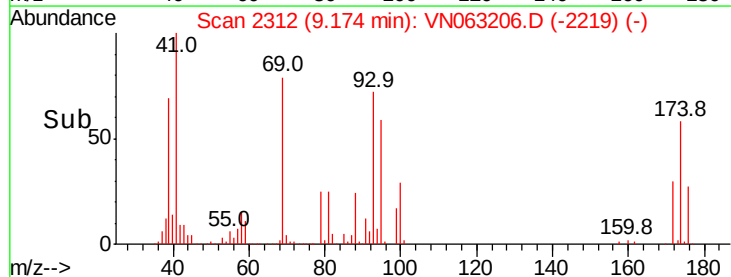
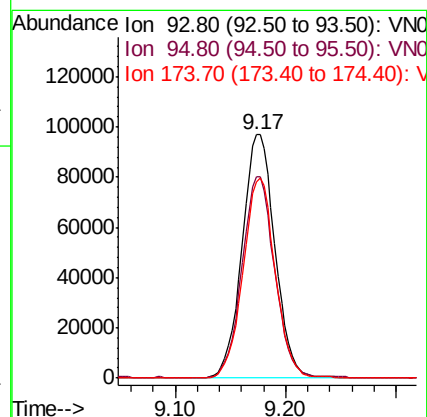
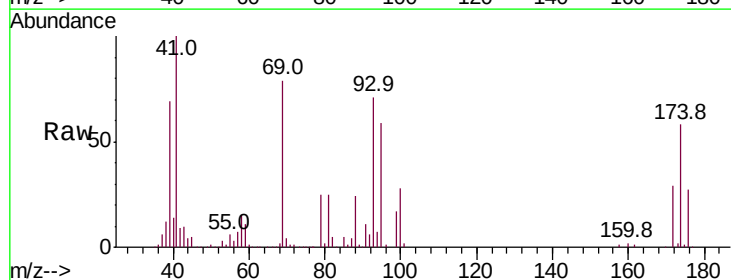
Tgt Ion: 93 Resp: 199786

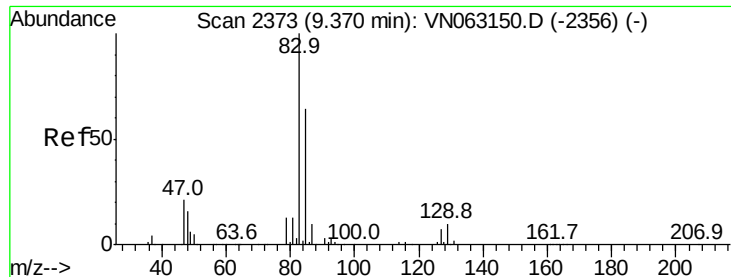
Ion Ratio Lower Upper

93 100

95 82.7 65.2 97.8

174 80.6 64.6 97.0

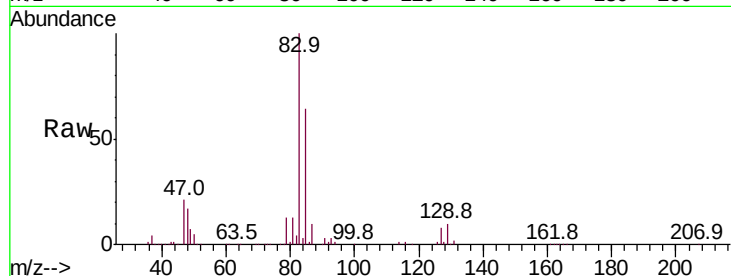




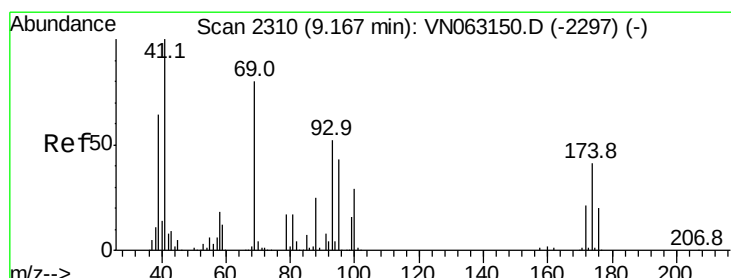
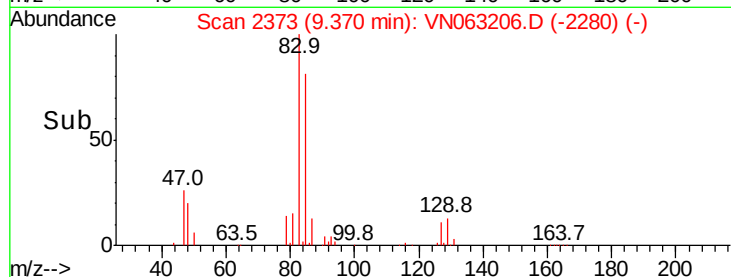
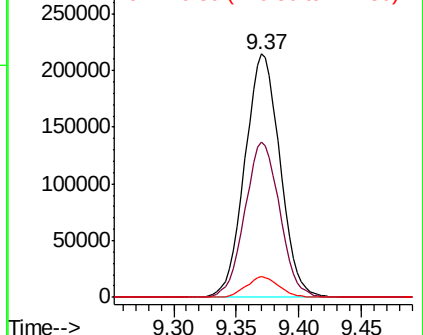
#47
 Bromodichloromethane
 Concen: 50.875 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 83 Resp: 418931
 Ion Ratio Lower Upper
 83 100
 85 63.9 51.0 76.6
 127 8.4 5.7 8.5

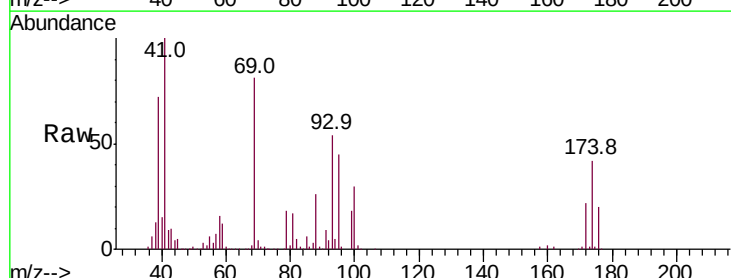


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): VN0

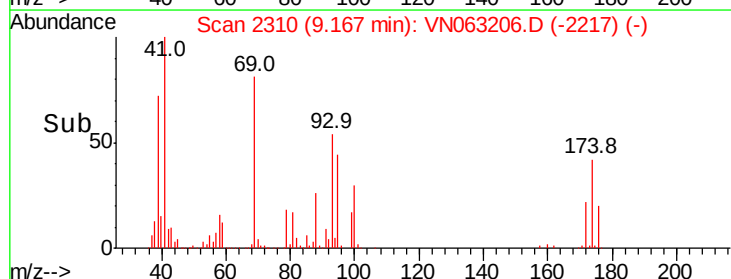
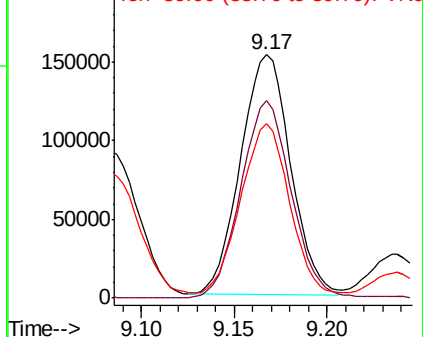


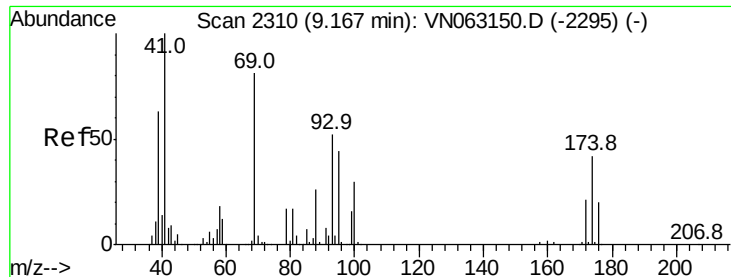
#48
 Methyl methacrylate
 Concen: 52.672 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion: 41 Resp: 288526
 Ion Ratio Lower Upper
 41 100
 69 83.1 65.9 98.9
 39 71.6 52.0 78.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

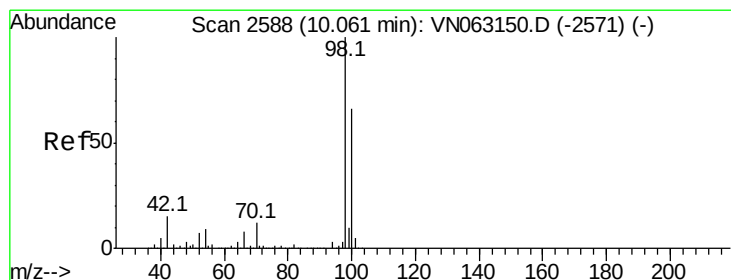
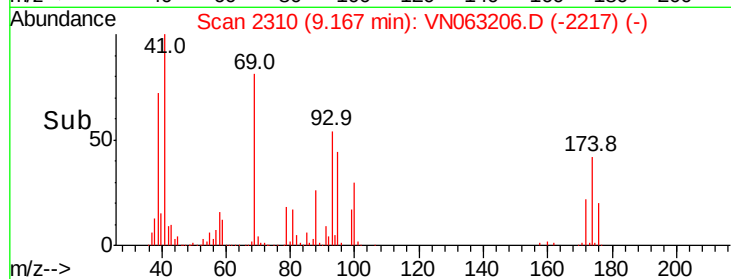
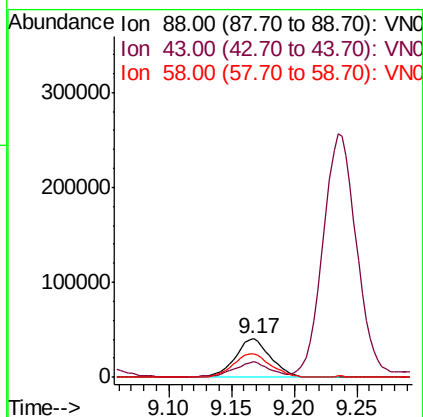
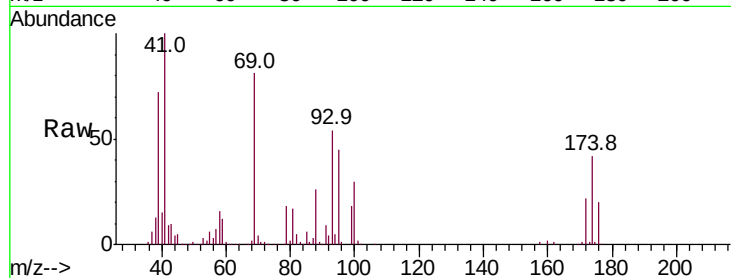




#49
 1,4-Dioxane
 Concen: 948.469 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

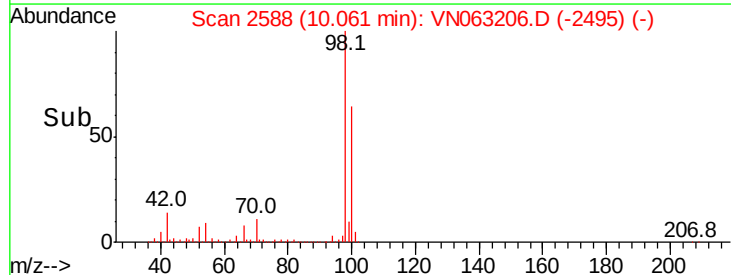
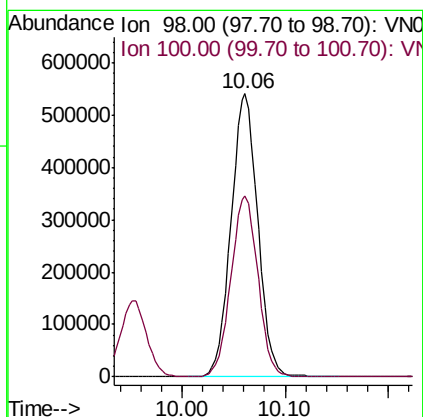
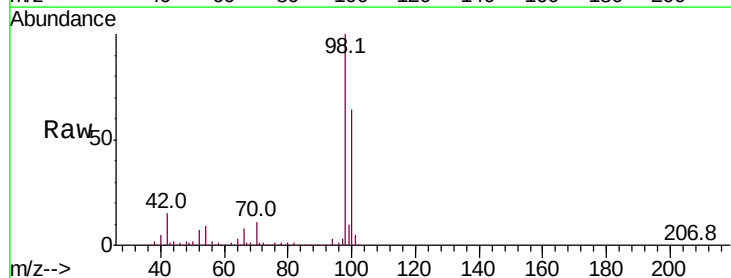
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

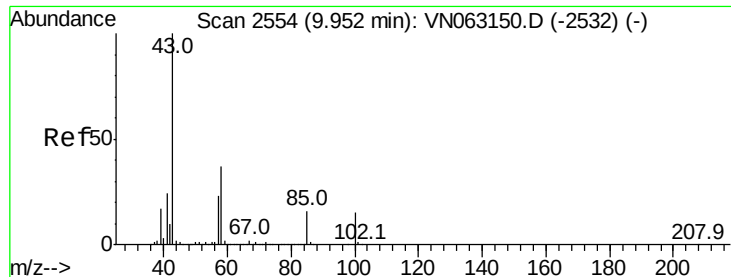
Tot Ion: 88 Resp: 80359
 Ion Ratio Lower Upper
 88 100
 43 35.9 28.6 42.8
 58 65.2 53.2 79.8



#50
 Toluene-d8
 Concen: 51.076 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion: 98 Resp: 977499
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.0 78.0

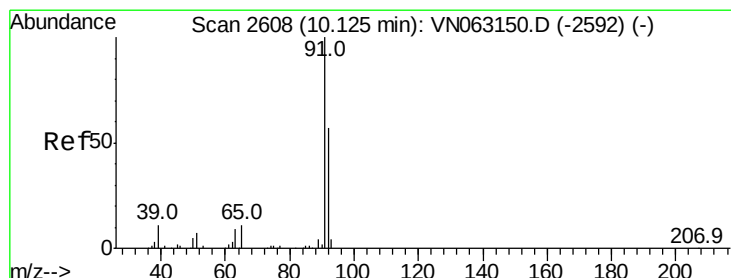
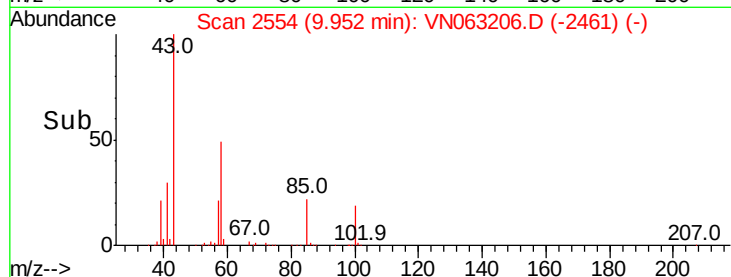
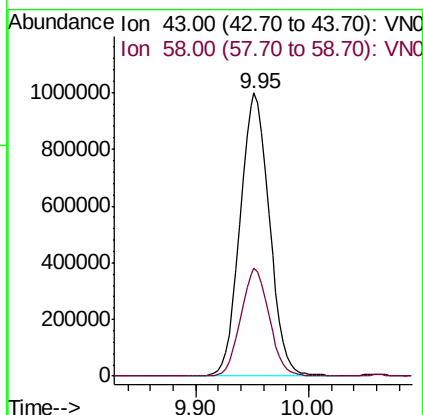
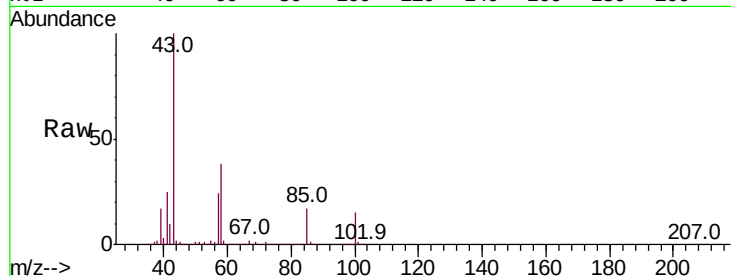




#51
4-Methyl-2-Pentanone
Concen: 271.936 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

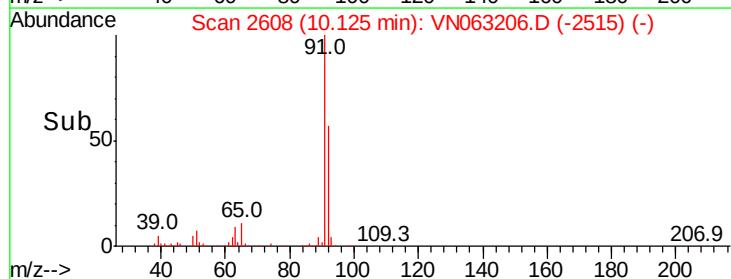
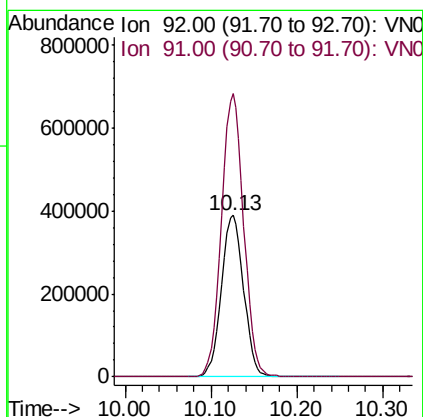
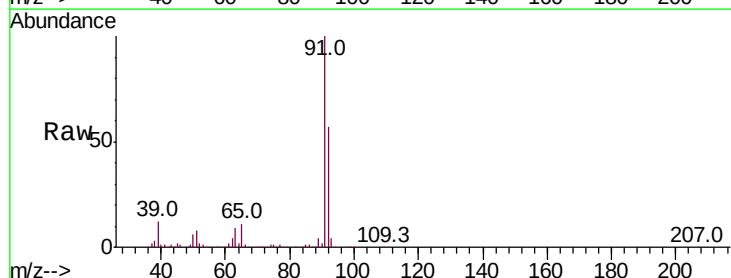
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

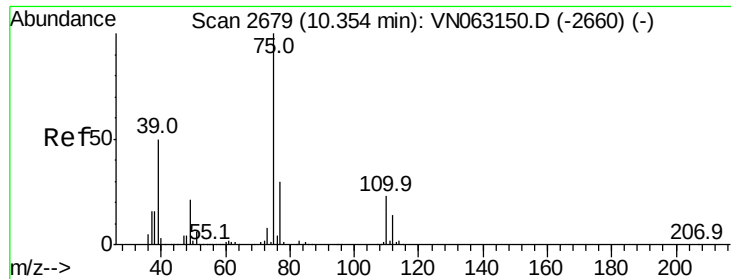
Tot Ion: 43 Resp: 1795603
Ion Ratio Lower Upper
43 100
58 37.0 29.2 43.8



#52
Toluene
Concen: 51.305 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 92 Resp: 699761
Ion Ratio Lower Upper
92 100
91 175.1 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 48.459 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

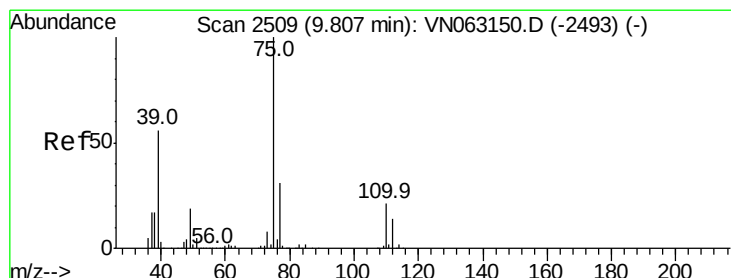
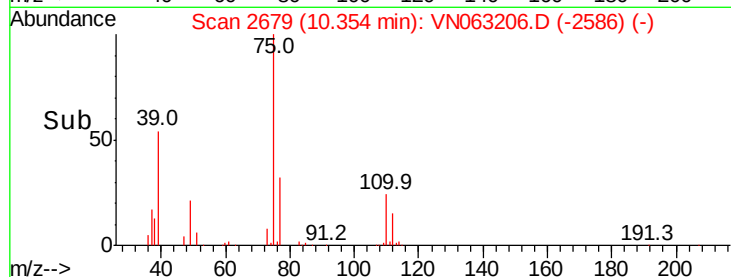
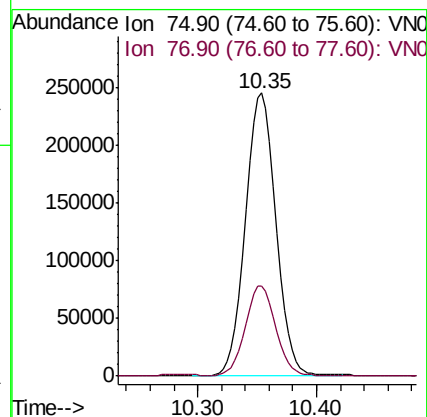
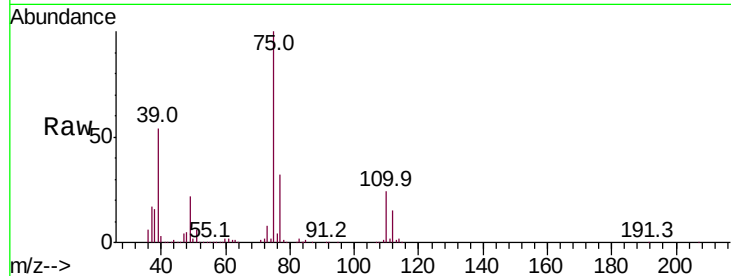
VSTDCCC050EC

Tot Ion: 75 Resp: 436490

Ion Ratio Lower Upper

75 100

77 31.8 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 49.507 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

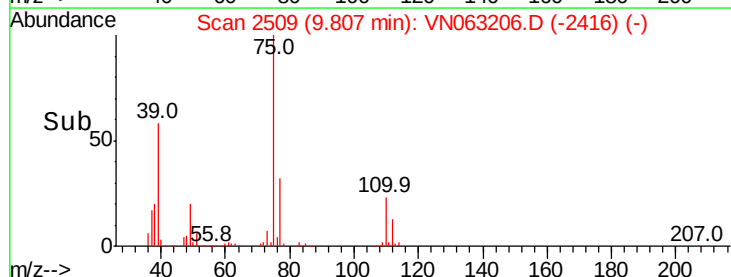
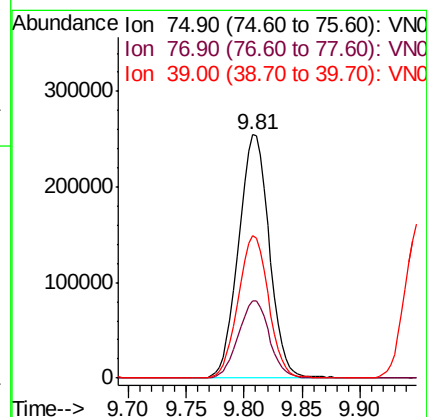
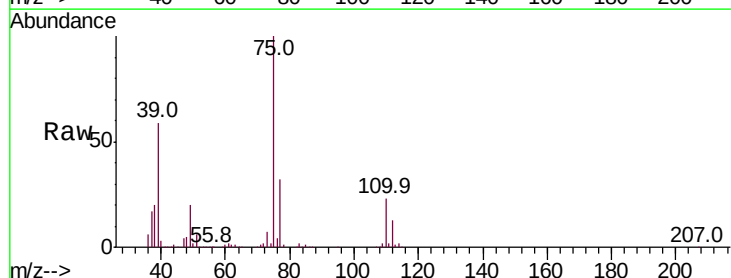
Tgt Ion: 75 Resp: 468082

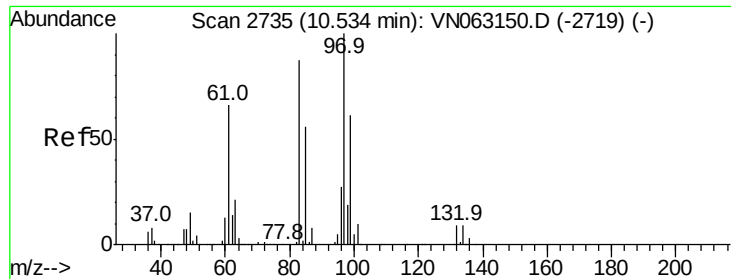
Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 58.4 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 50.589 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

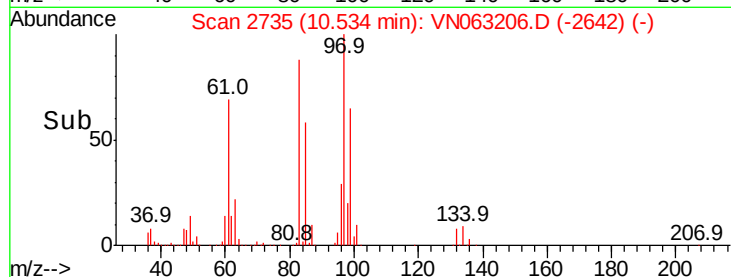
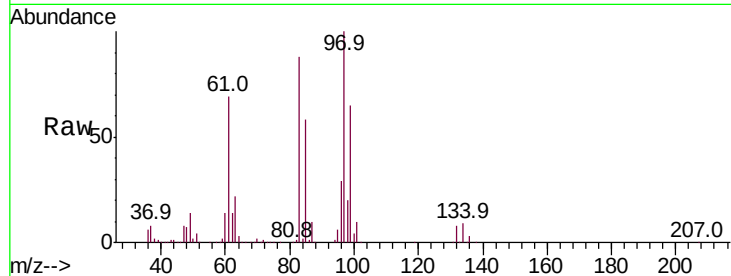
MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 264250

Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.8	104.8
85	57.7	44.9	67.3
99	65.1	48.8	73.2

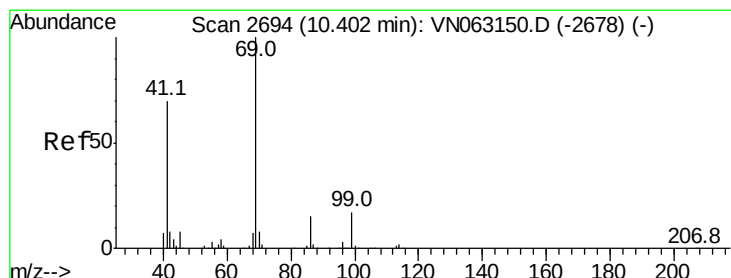
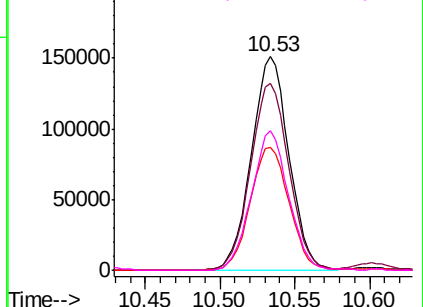


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.759 ug/l

RT: 10.40 min Scan# 2694

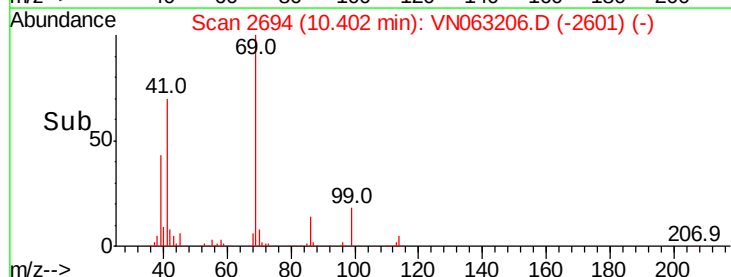
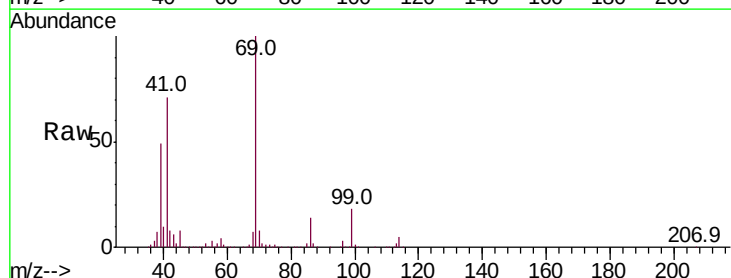
Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Tgt Ion: 69 Resp: 411447

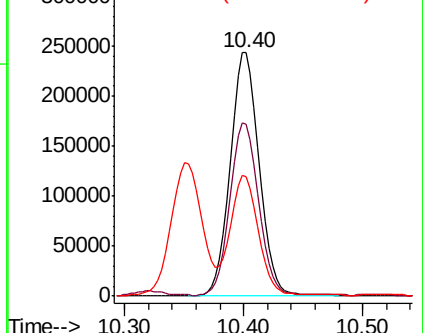
Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.5	83.3
39	47.8	38.2	57.2

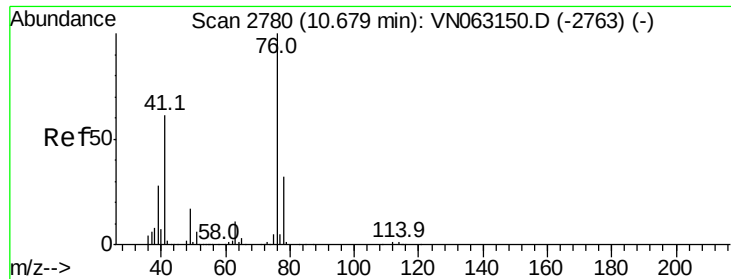


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

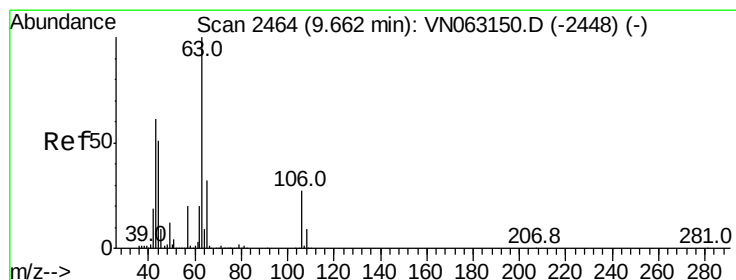
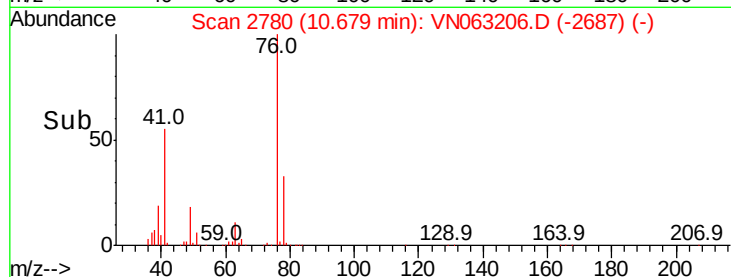
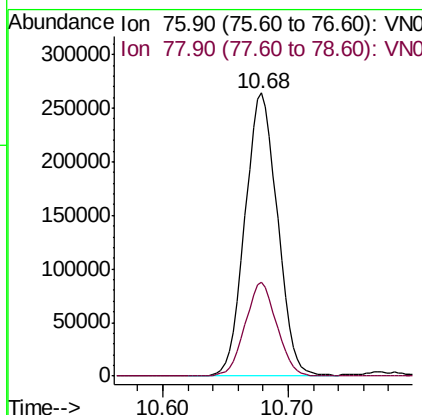
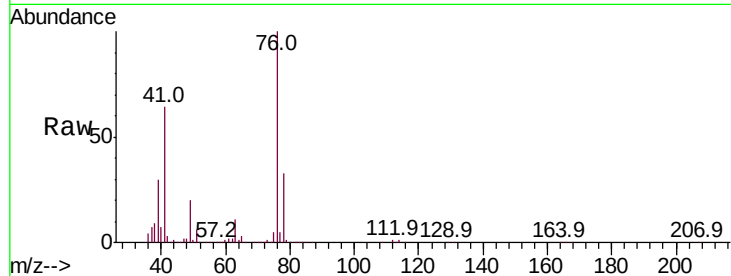




#57
 1,3-Dichloropropane
 Concen: 51.225 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

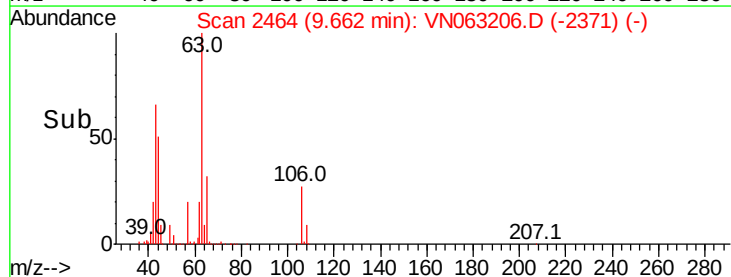
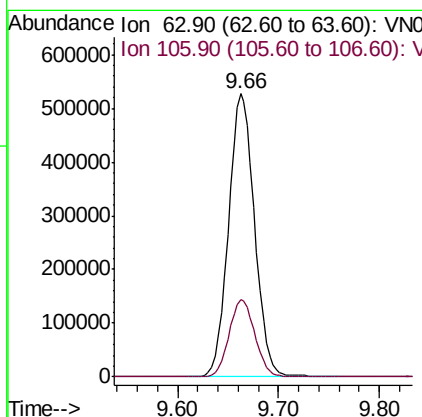
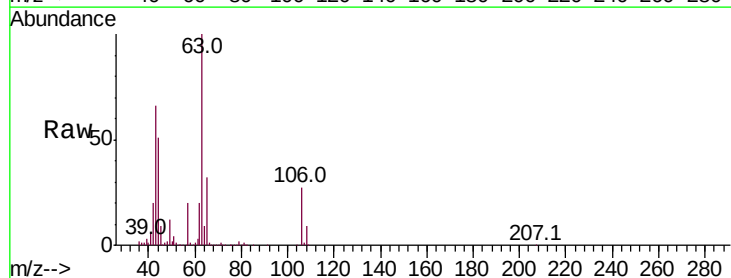
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

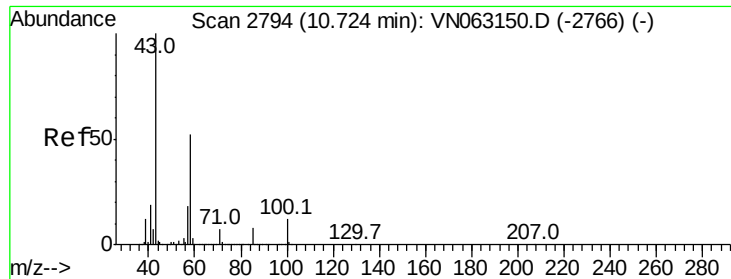
Tot Ion: 76 Resp: 476675
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 229.450 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion: 63 Resp: 944517
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.8 32.6

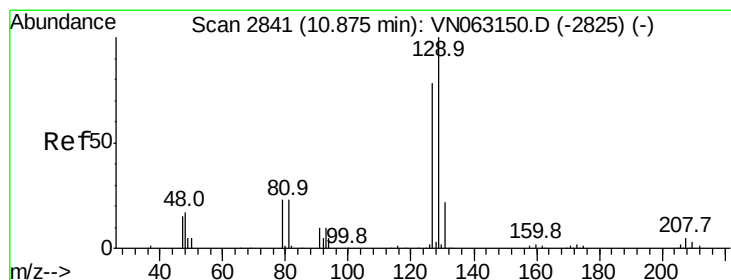
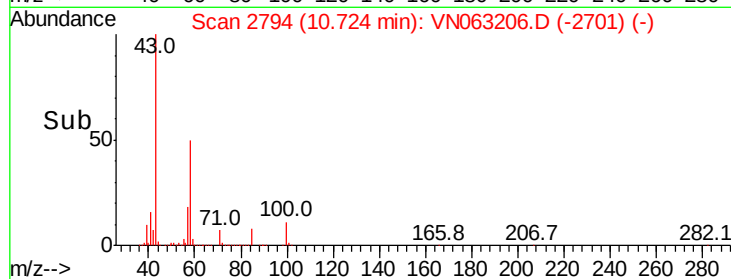
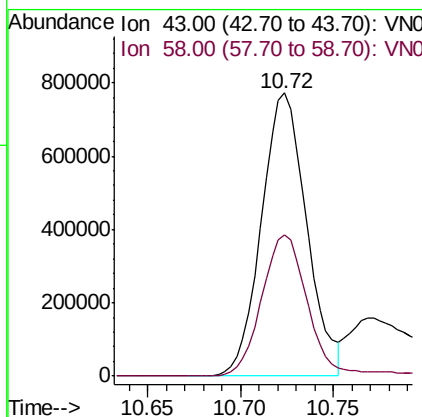
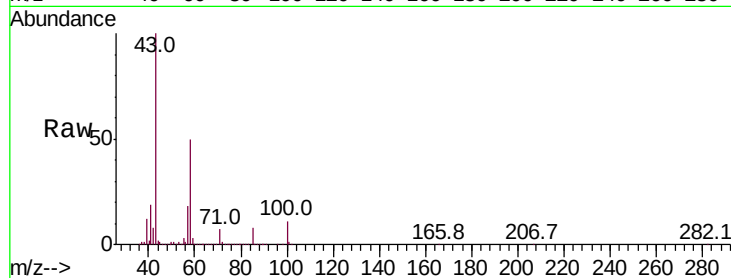




#59
2-Hexanone
Concen: 281.175 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

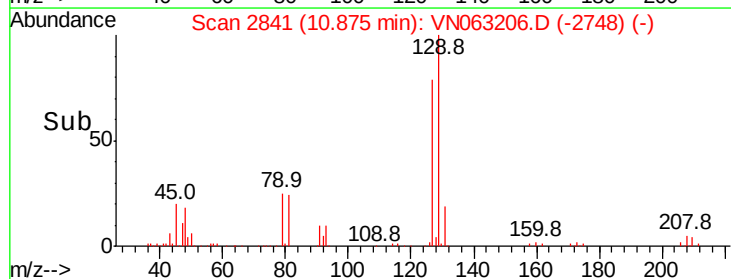
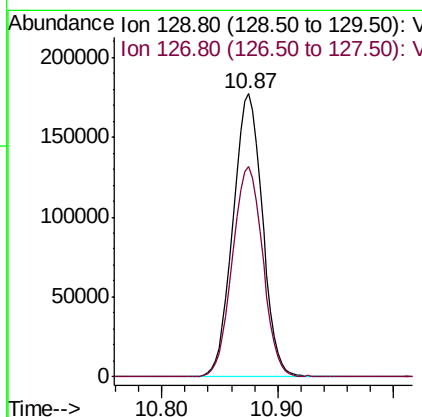
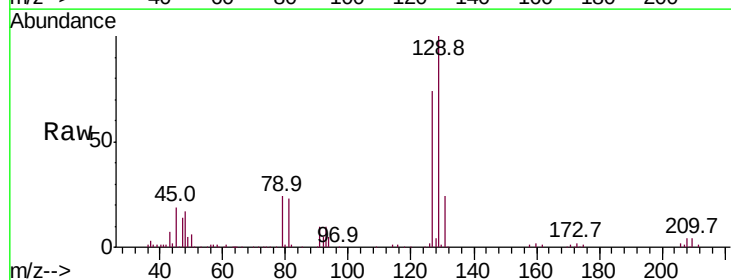
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

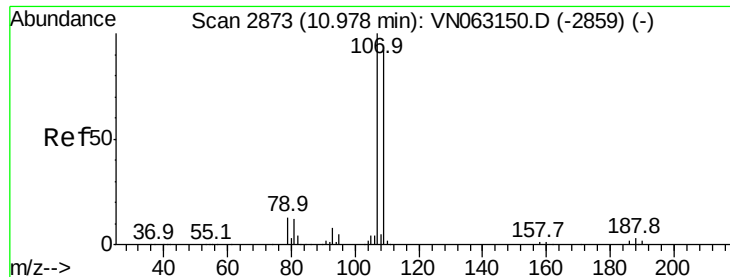
Tot Ion: 43 Resp: 1304798
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8



#60
Dibromochloromethane
Concen: 53.878 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 129 Resp: 311141
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

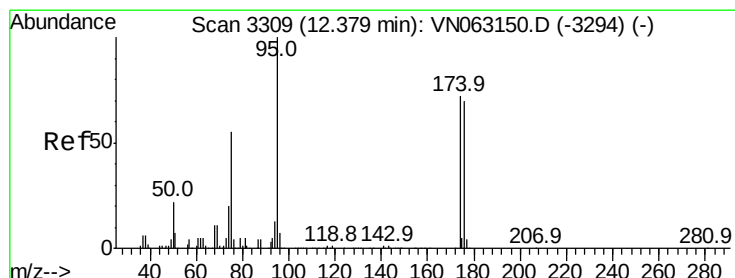
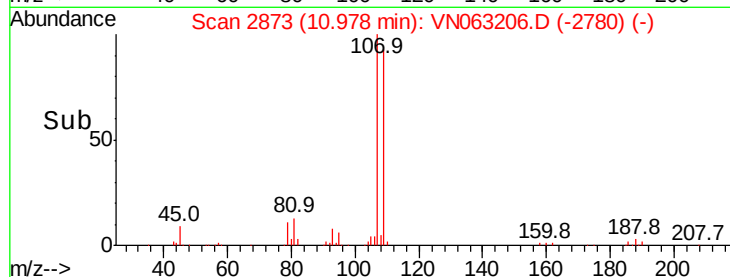
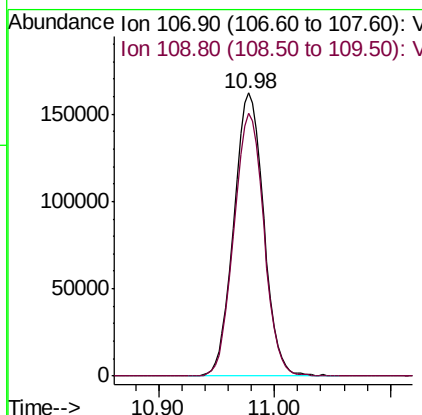
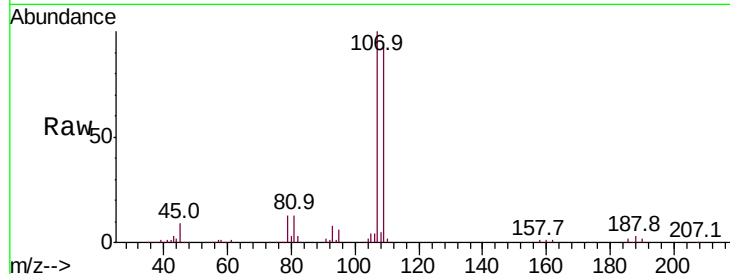




#61
 1,2-Dibromoethane
 Concen: 53.136 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

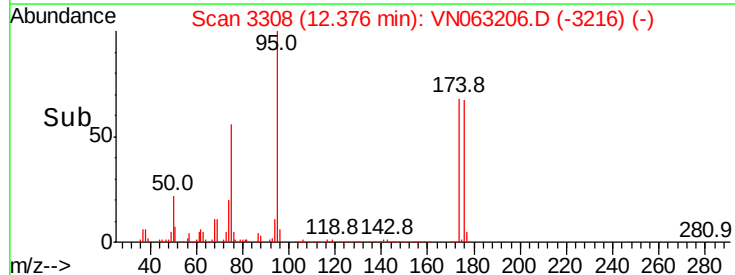
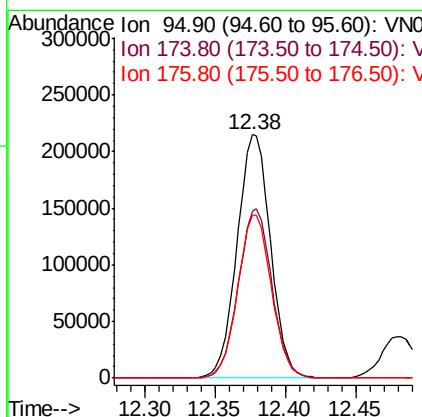
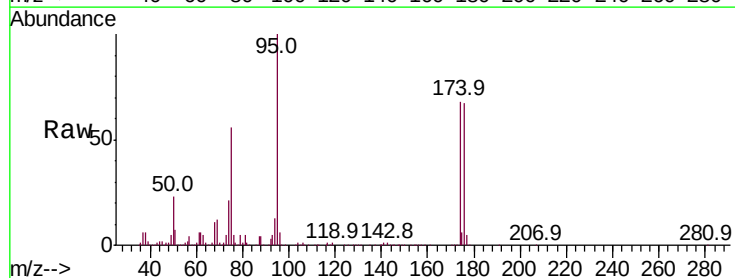
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

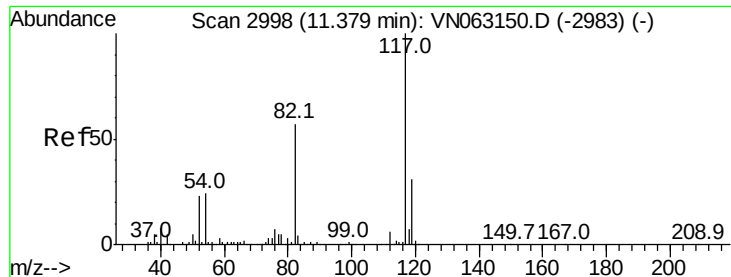
Tot Ion:107 Resp: 288525
 Ion Ratio Lower Upper
 107 100
 109 93.2 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 53.462 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion: 95 Resp: 357909
 Ion Ratio Lower Upper
 95 100
 174 69.9 0.0 143.8
 176 67.3 0.0 138.4

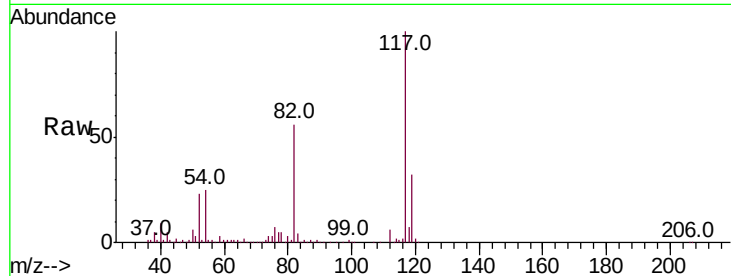




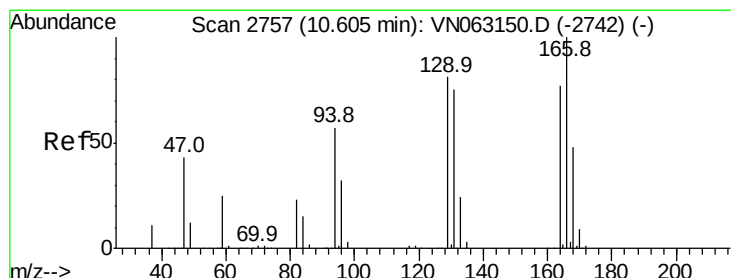
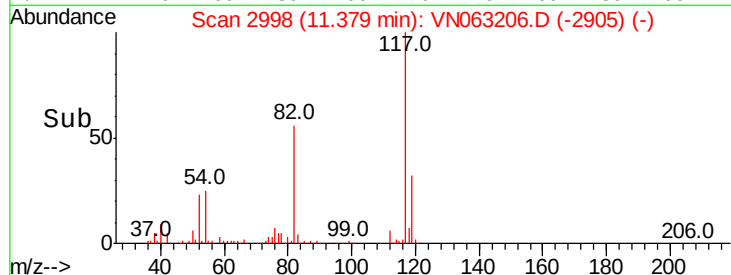
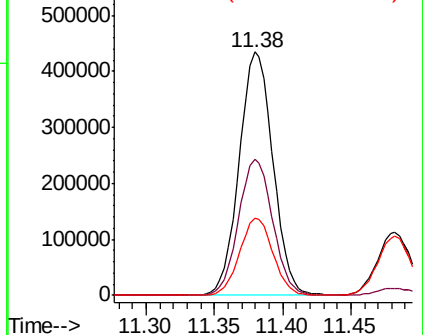
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 748812
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 31.8 24.6 37.0

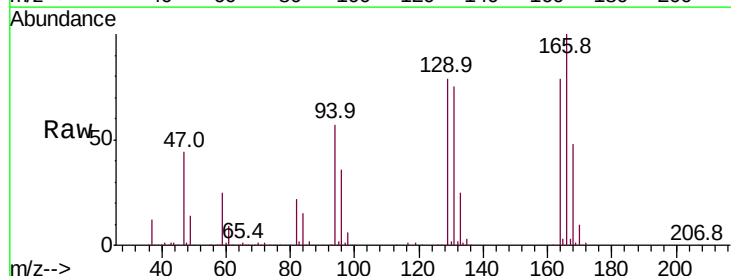


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

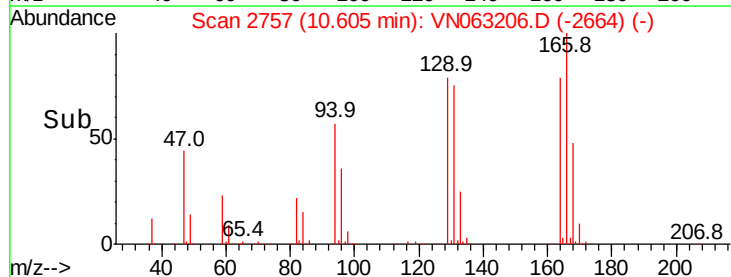
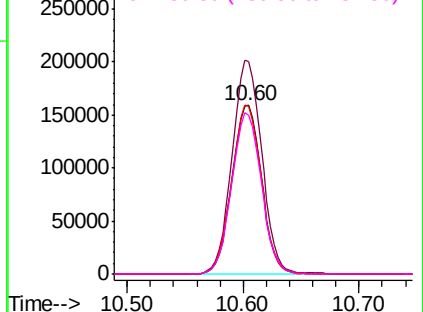


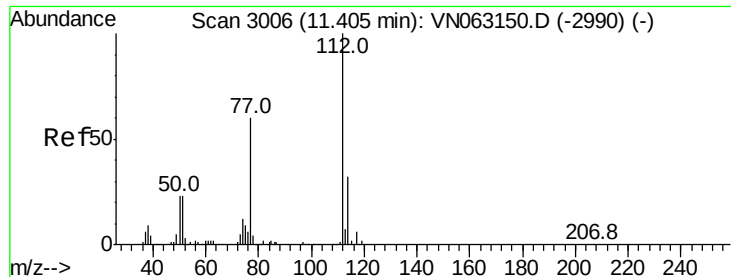
#64
Tetrachloroethene
Concen: 52.532 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion:164 Resp: 282474
Ion Ratio Lower Upper
164 100
166 126.3 103.4 155.2
129 99.6 83.4 125.0
131 94.6 77.8 116.8



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





#65

Chlorobenzene

Concen: 49.110 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

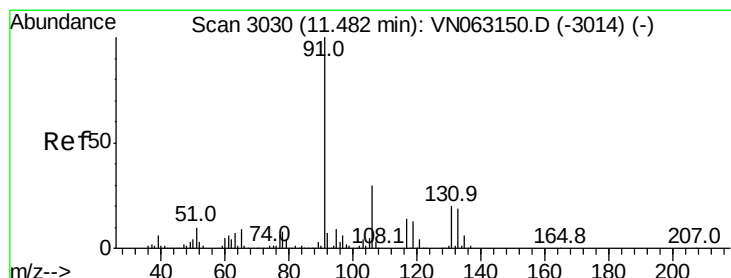
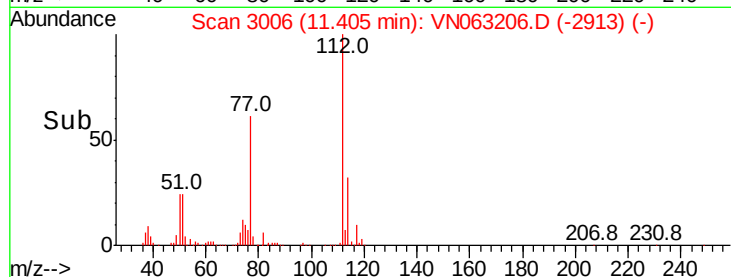
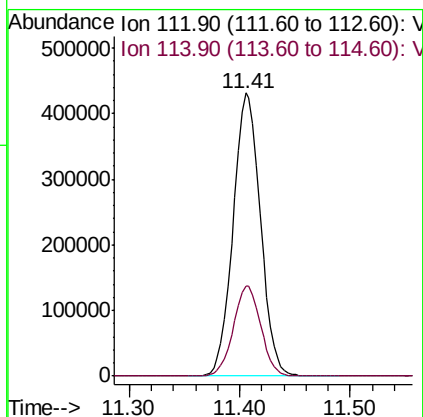
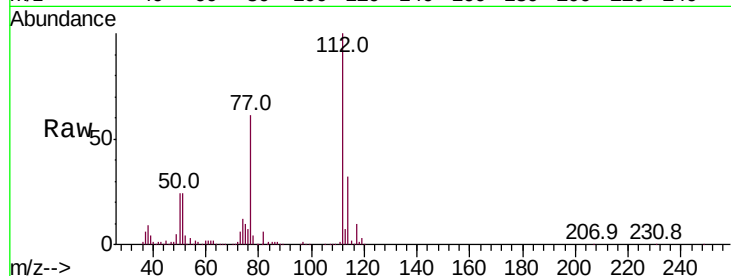
VSTDCCC050EC

Tot Ion:112 Resp: 740681

Ion Ratio Lower Upper

112 100

114 31.9 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 49.718 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

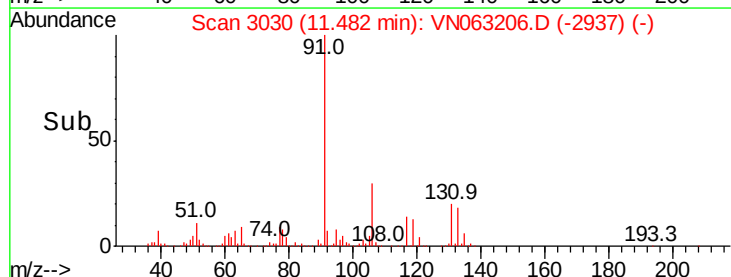
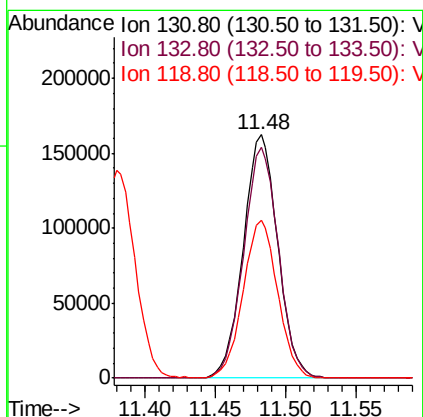
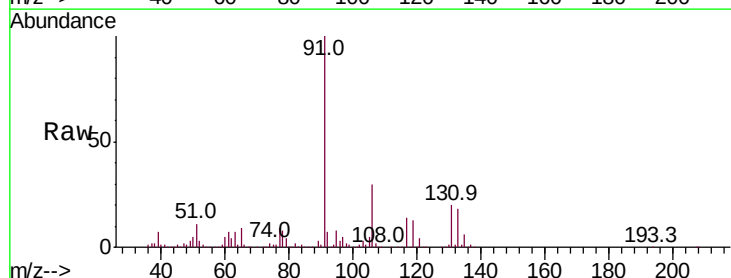
Tgt Ion:131 Resp: 278404

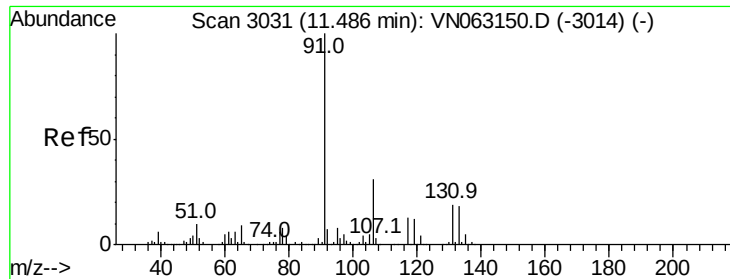
Ion Ratio Lower Upper

131 100

133 96.0 47.3 142.0

119 65.2 32.4 97.0

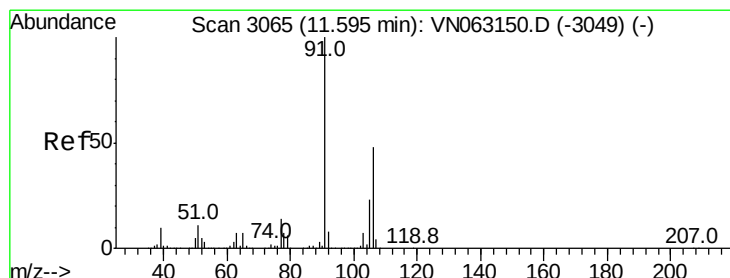
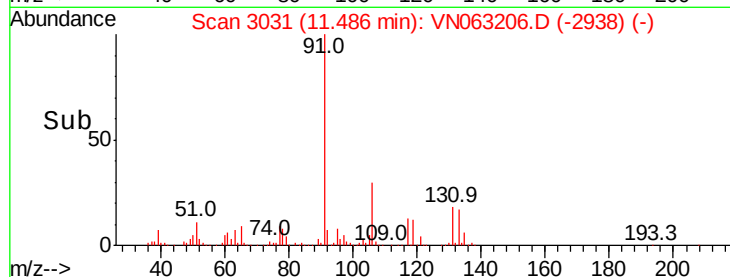
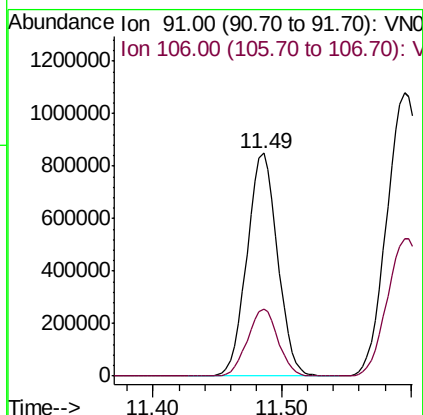
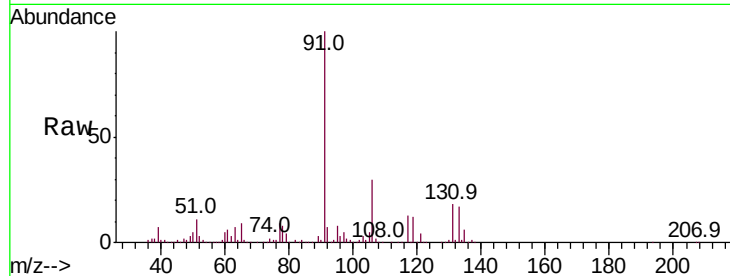




#67
Ethyl Benzene
Concen: 51.042 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

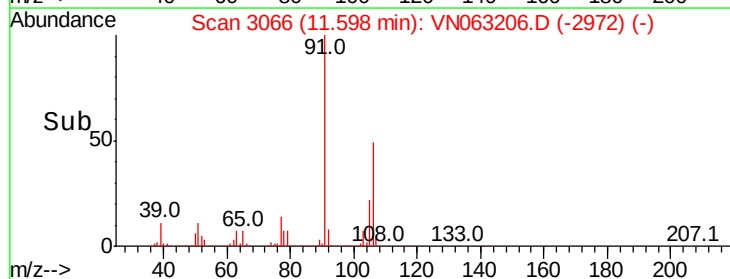
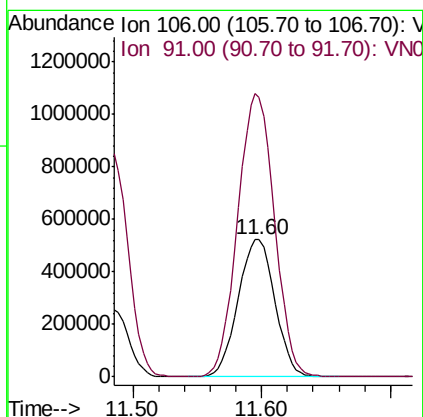
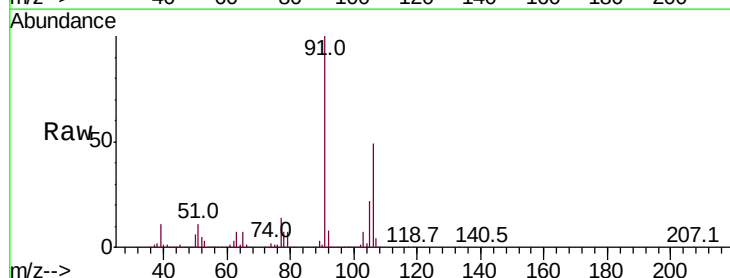
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

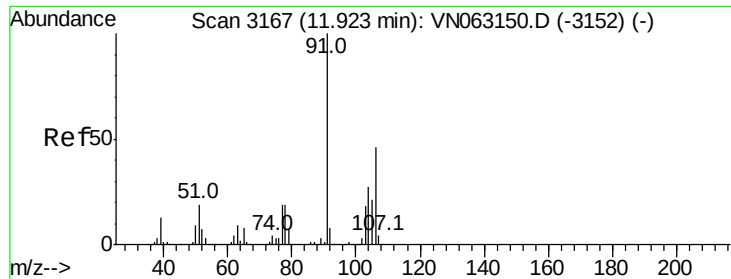
Tot Ion: 91 Resp: 1404374
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6



#68
m/p-Xylenes
Concen: 101.630 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 106 Resp: 1035641
Ion Ratio Lower Upper
106 100
91 205.9 166.7 250.1

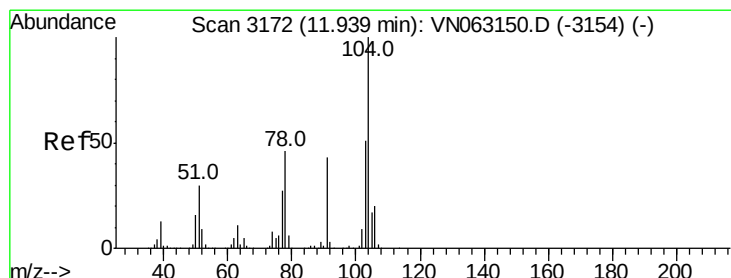
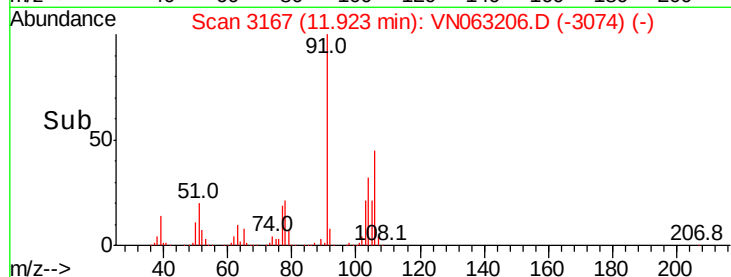
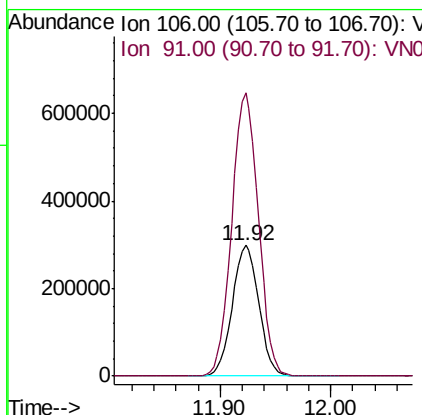
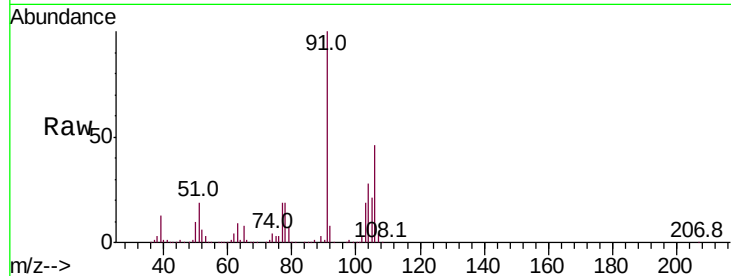




#69
o-Xylene
Concen: 50.530 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

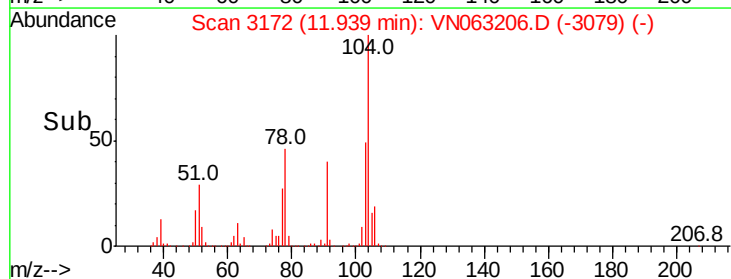
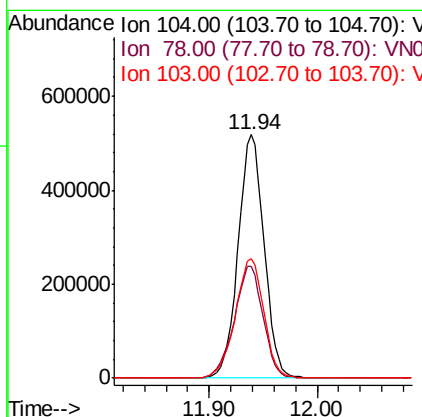
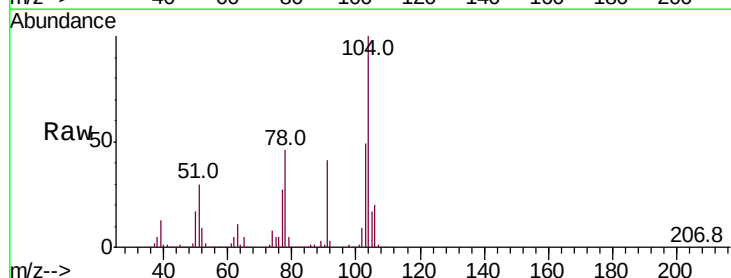
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

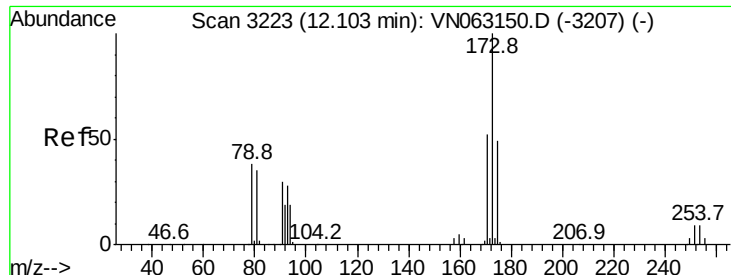
Tot Ion:106 Resp: 497427
Ion Ratio Lower Upper
106 100
91 217.8 108.6 325.6



#70
Styrene
Concen: 51.427 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion:104 Resp: 870050
Ion Ratio Lower Upper
104 100
78 50.9 41.0 61.6
103 53.9 43.8 65.8





#71

Bromoform

Concen: 51.161 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

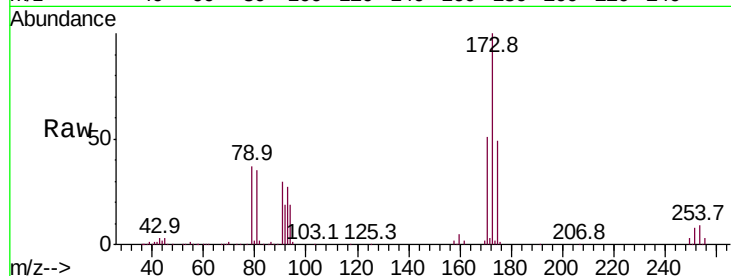
Tot Ion:173 Resp: 194417

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.8

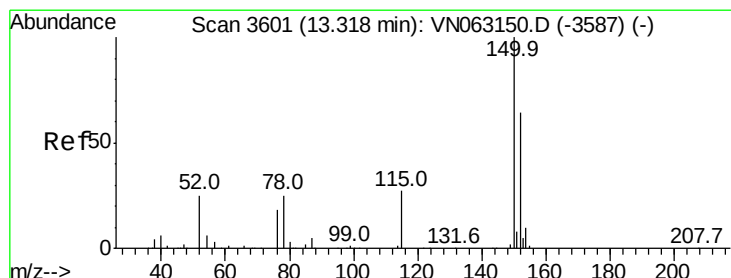
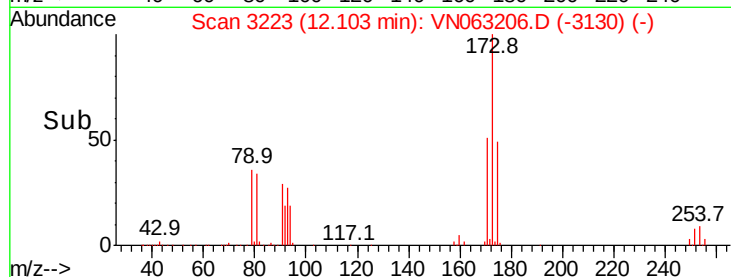
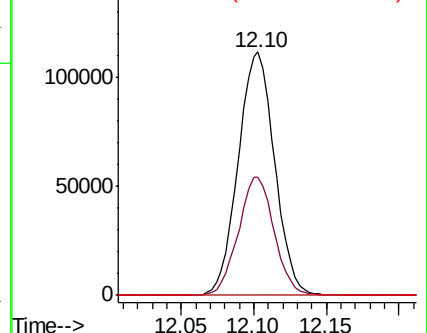
254 0.2 0.0 0.0#



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: VN063206.D

Acq: 2 Sep 2020 19:52

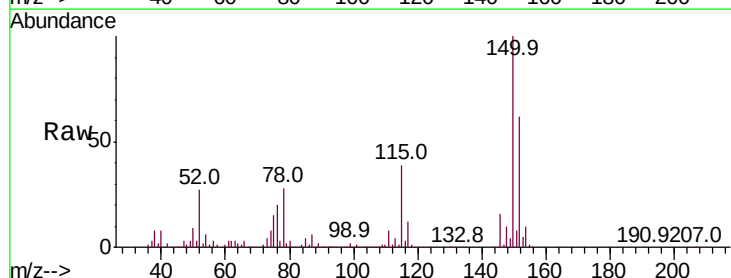
Tgt Ion:152 Resp: 346429

Ion Ratio Lower Upper

152 100

115 63.5 32.0 96.2

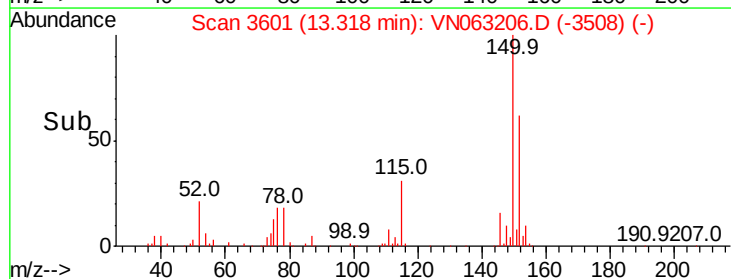
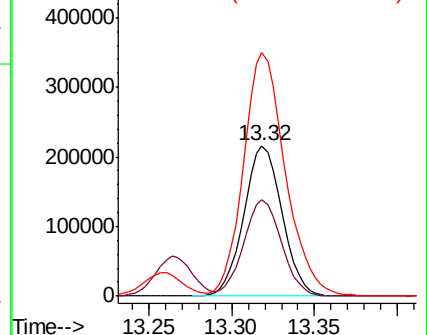
150 177.1 0.0 353.0

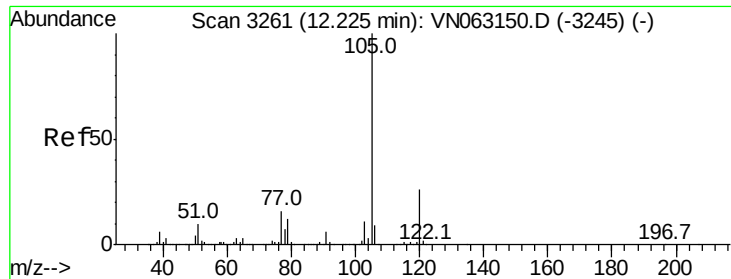


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.180 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

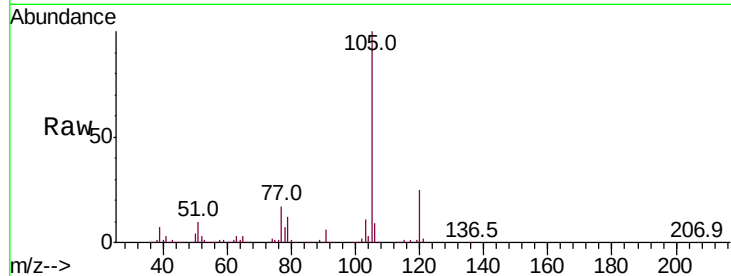
VSTDCCC050EC

Tot Ion:105 Resp: 1359897

Ion Ratio Lower Upper

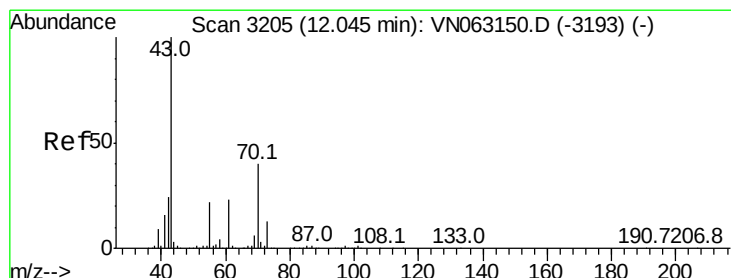
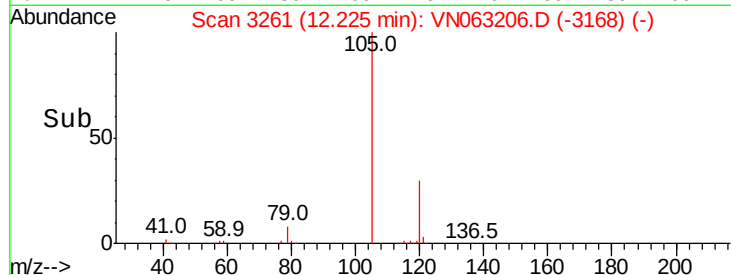
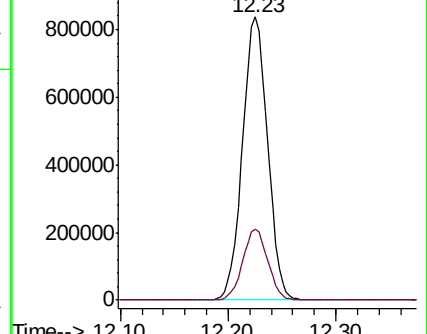
105 100

120 25.1 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.951 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Tgt Ion: 43 Resp: 582782

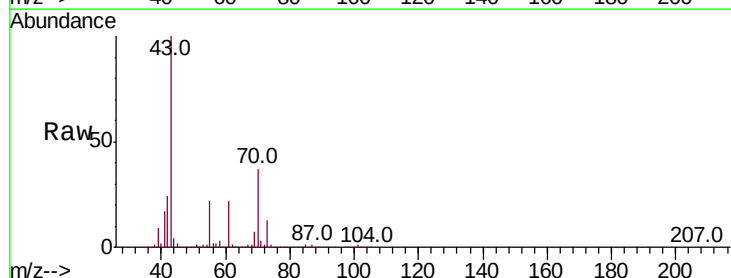
Ion Ratio Lower Upper

43 100

70 38.6 32.1 48.1

55 22.2 17.4 26.0

61 22.3 18.6 27.8

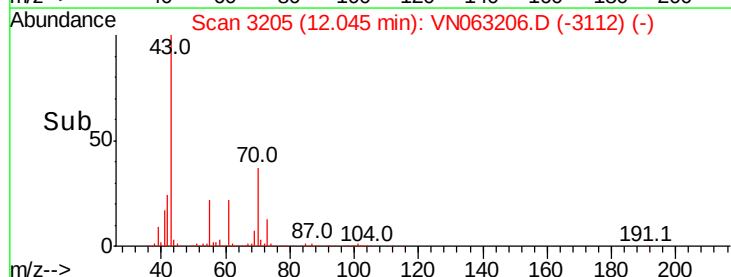
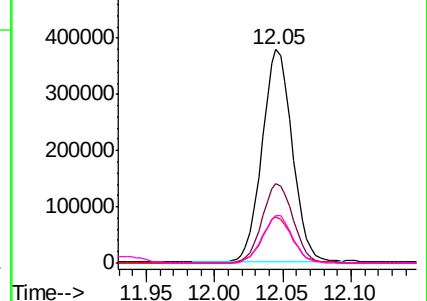


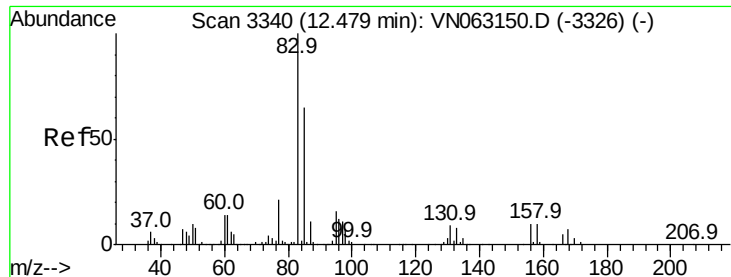
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.872 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

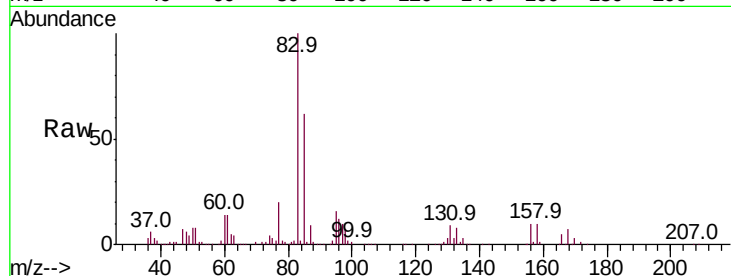
Tot Ion: 83 Resp: 382040

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.0

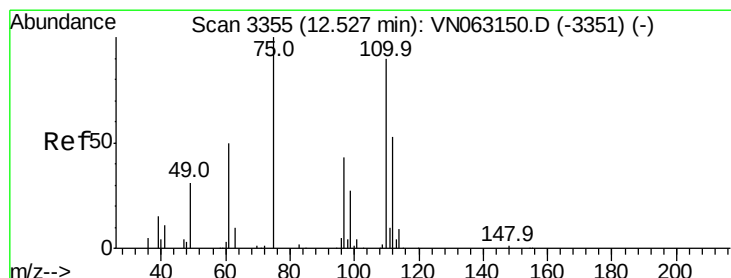
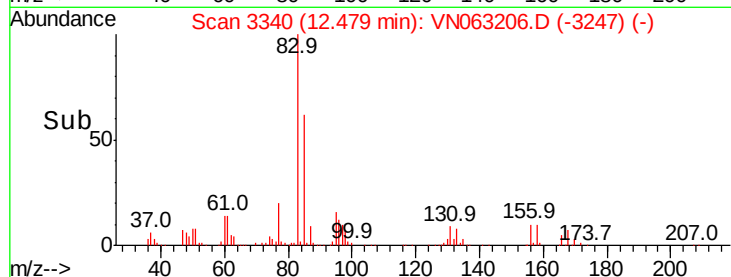
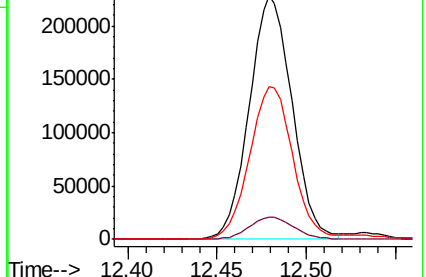
85 63.4 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN063150.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN063150.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN063150.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 75.054 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063206.D

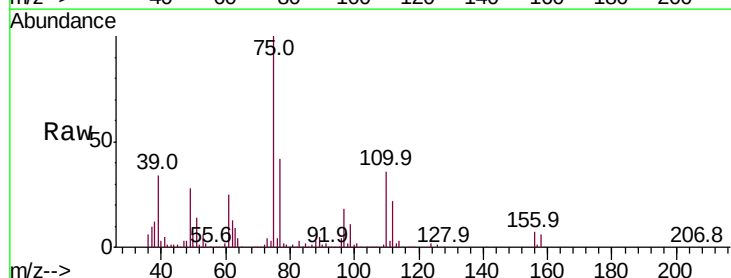
Acq: 2 Sep 2020 19:52

Tgt Ion: 75 Resp: 510863

Ion Ratio Lower Upper

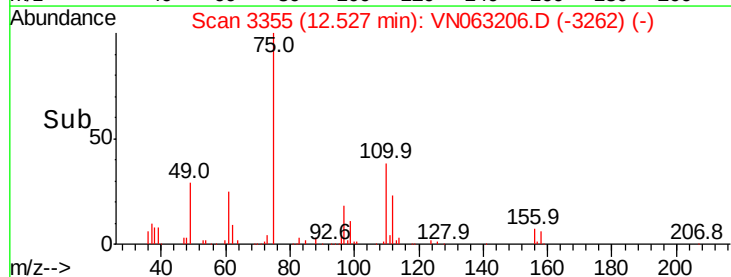
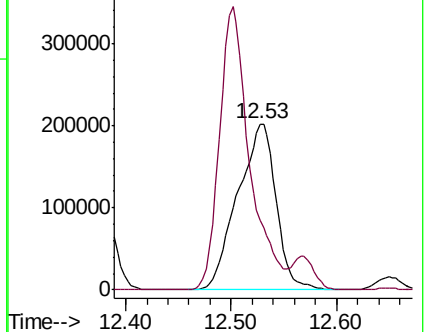
75 100

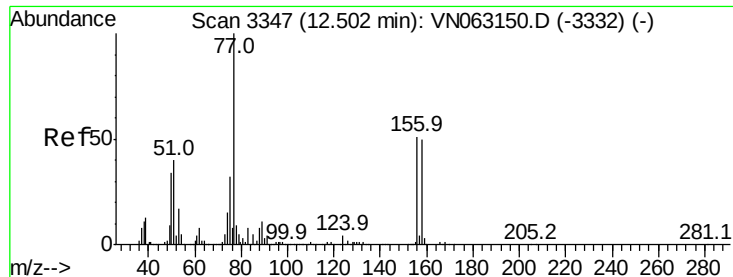
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063150.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN063150.D (-3351) (-)





#77

Bromobenzene

Concen: 50.065 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

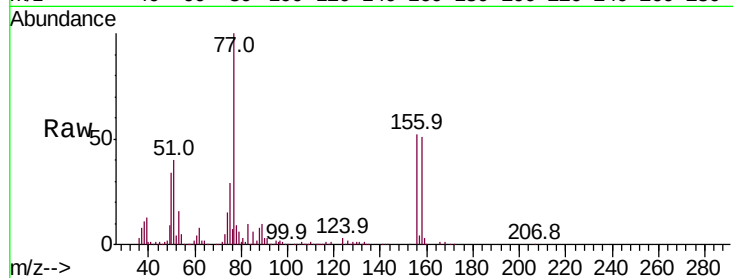
Tot Ion:156 Resp: 300851

Ion Ratio Lower Upper

156 100

77 228.0 116.1 348.3

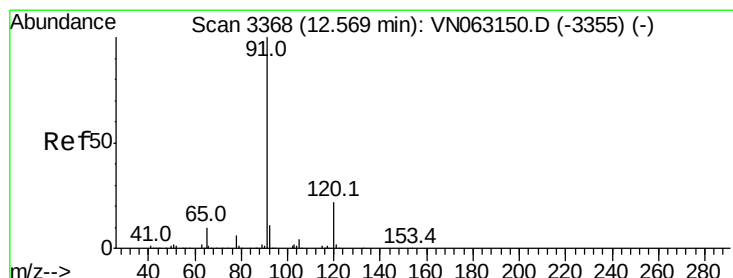
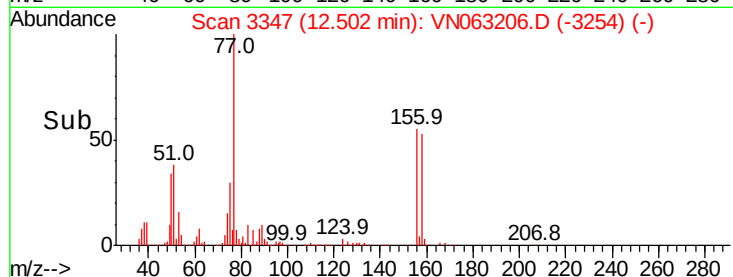
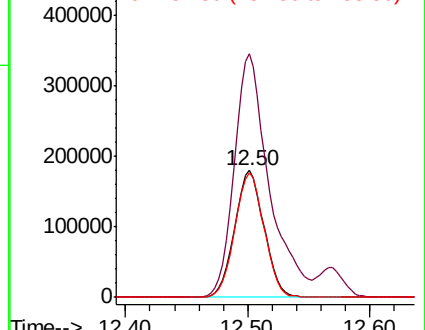
158 97.6 48.8 146.4



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: 51.662 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063206.D

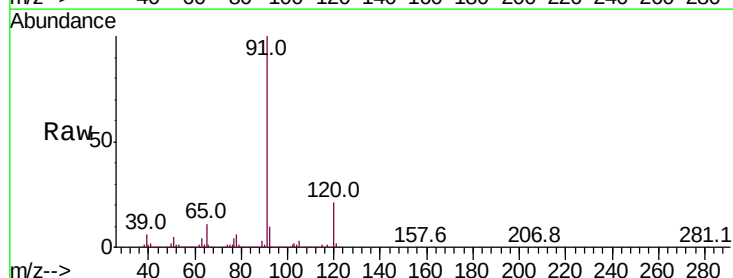
Acq: 2 Sep 2020 19:52

Tgt Ion: 91 Resp: 1588423

Ion Ratio Lower Upper

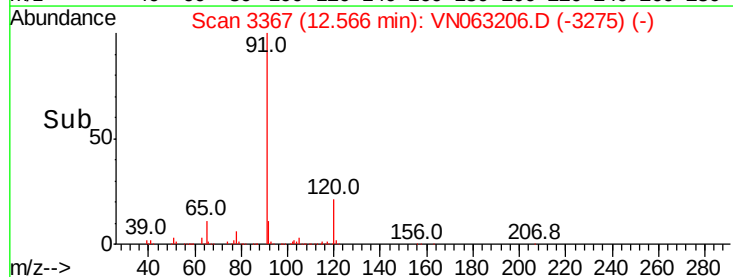
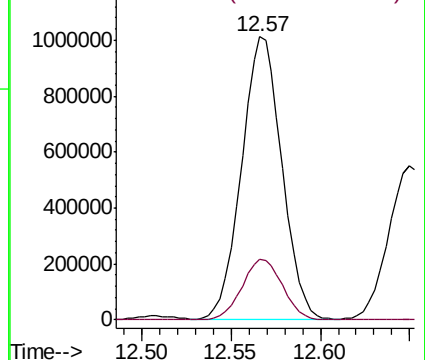
91 100

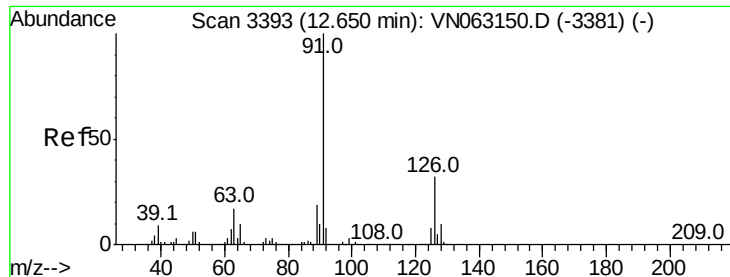
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

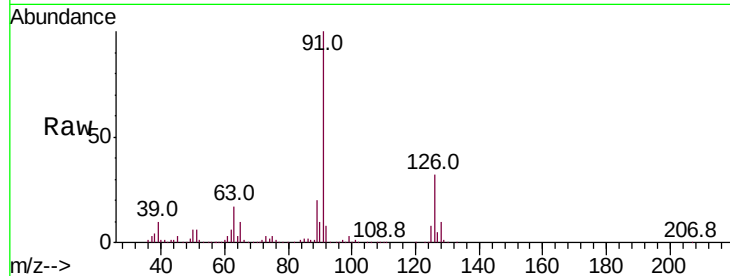




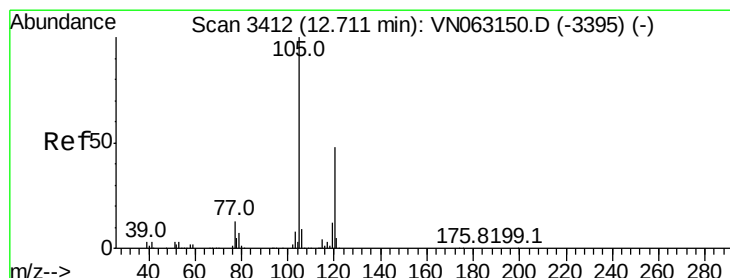
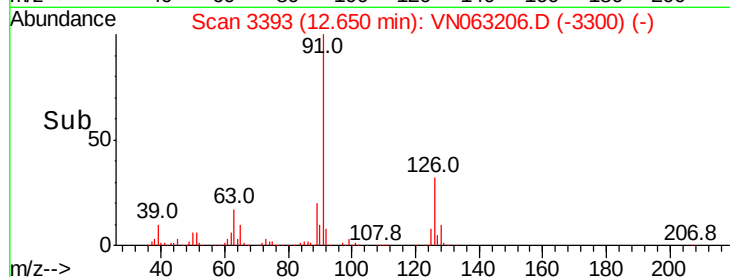
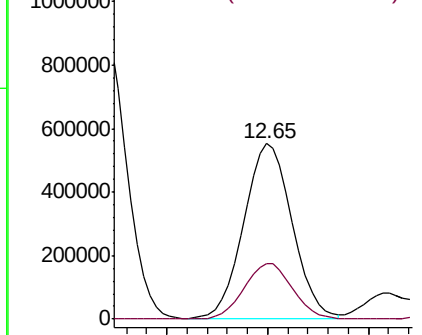
#79
 2-Chlorotoluene
 Concen: 50.085 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 922333
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.1 48.3

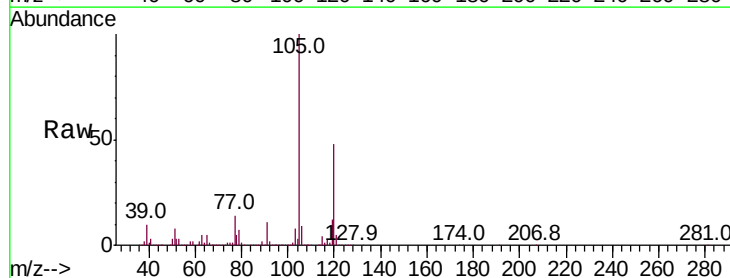


Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3381) (-)
 Ion 125.90 (125.60 to 126.60): VN063150.D (-3381) (-)

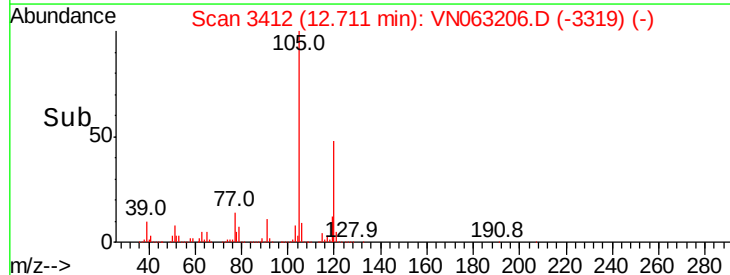
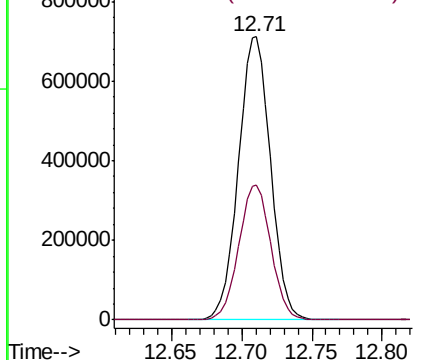


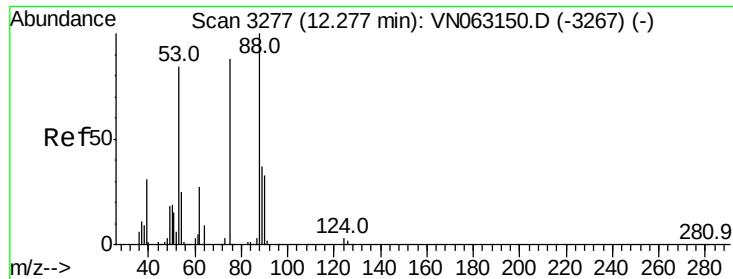
#80
 1,3,5-Trimethylbenzene
 Concen: 51.186 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion: 105 Resp: 1132056
 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: 43.612 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

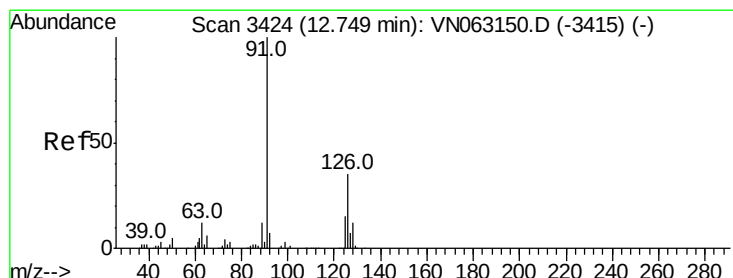
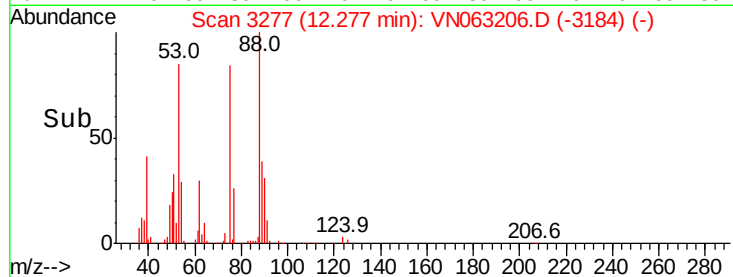
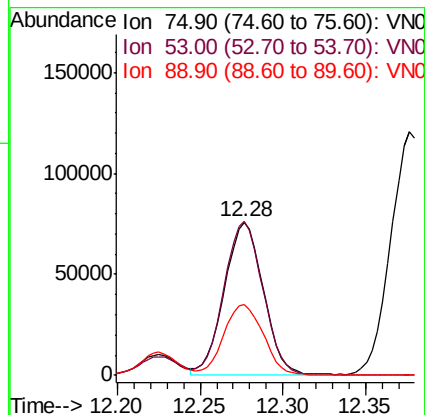
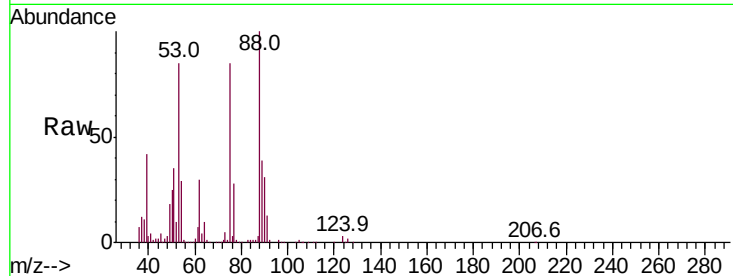
Tot Ion: 75 Resp: 122817

Ion Ratio Lower Upper

75 100

53 102.2 78.7 118.1

89 47.7 35.3 52.9



#82

4-Chlorotoluene

Concen: 50.849 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063206.D

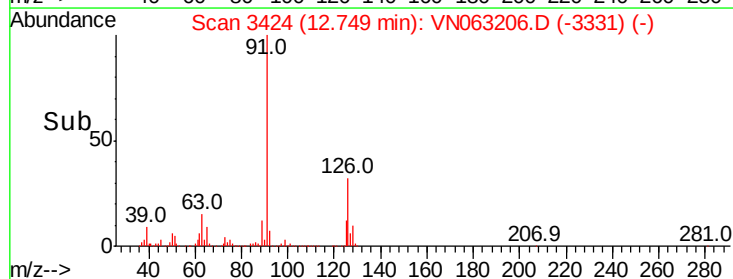
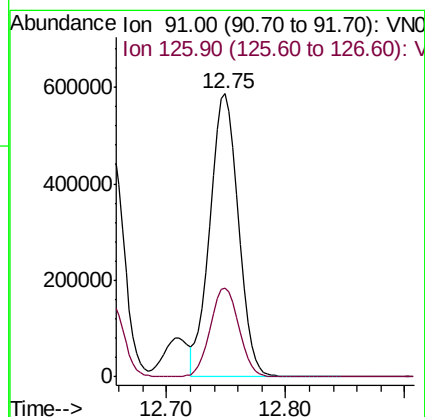
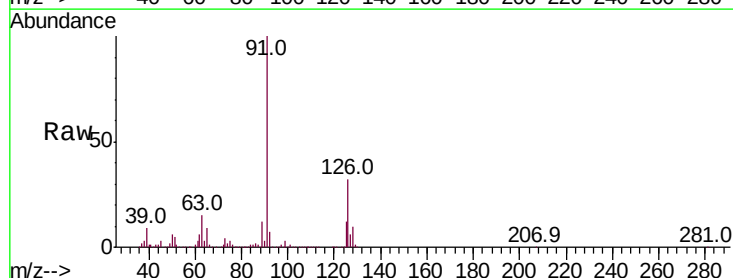
Acq: 2 Sep 2020 19:52

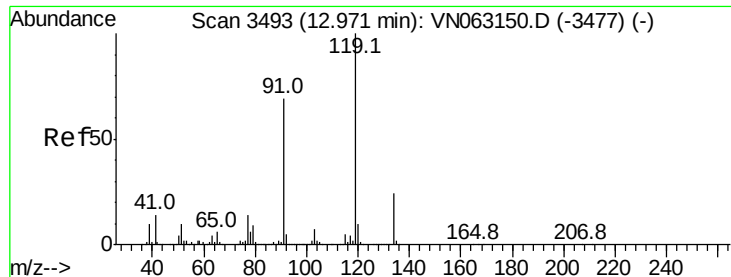
Tgt Ion: 91 Resp: 971179

Ion Ratio Lower Upper

91 100

126 31.5 16.2 48.5





#83

tert-Butylbenzene

Concen: 49.369 ug/l

RT: 12.97 min Scan# 3493

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

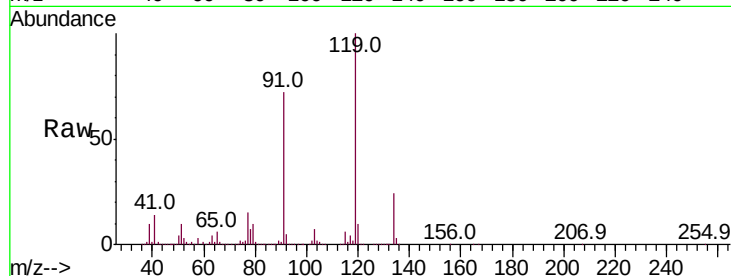
Tot Ion:119 Resp: 936414

Ion Ratio Lower Upper

119 100

91 69.3 33.7 101.0

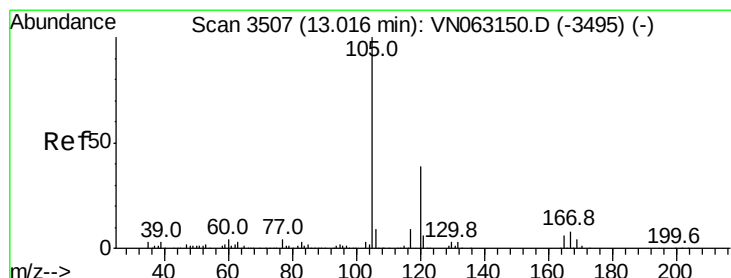
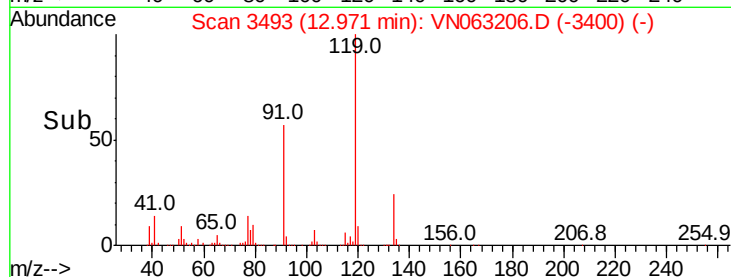
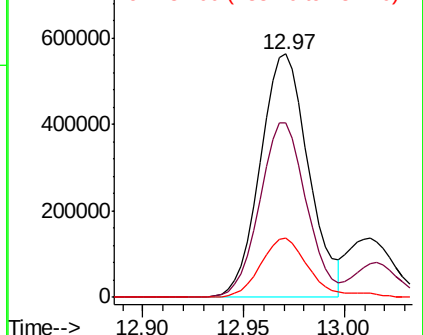
134 24.8 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.420 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063206.D

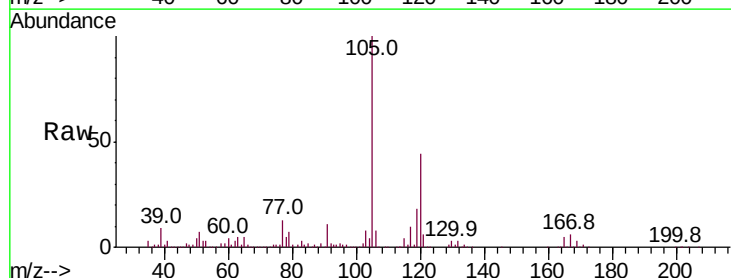
Acq: 2 Sep 2020 19:52

Tgt Ion:105 Resp: 1146277

Ion Ratio Lower Upper

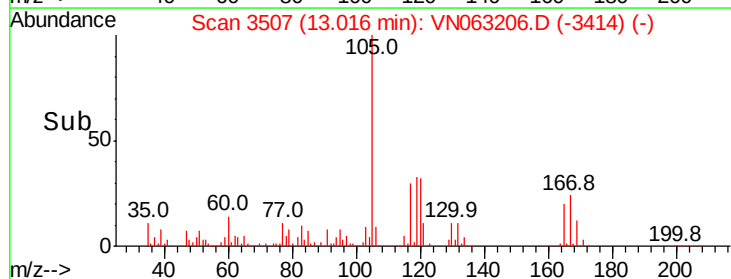
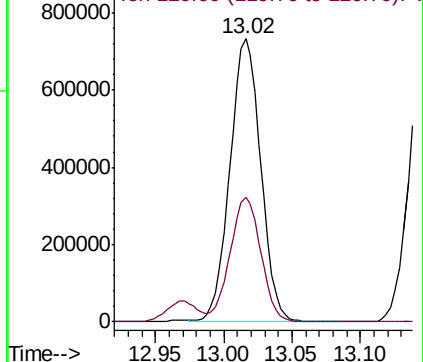
105 100

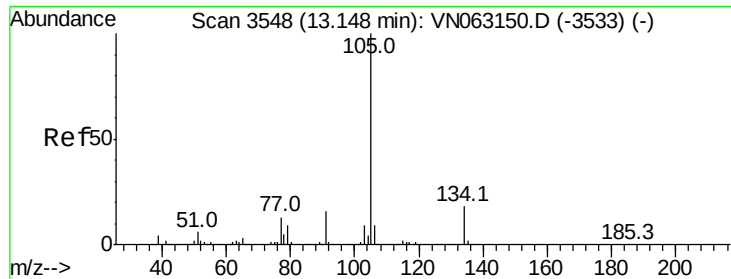
120 44.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

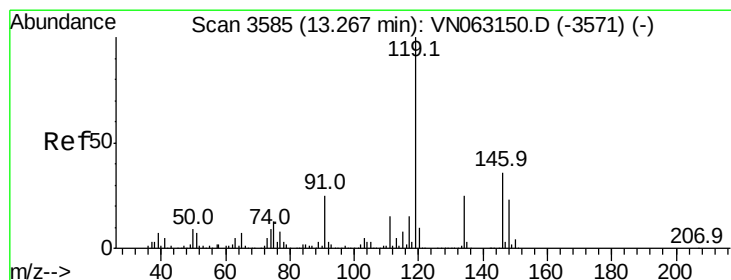
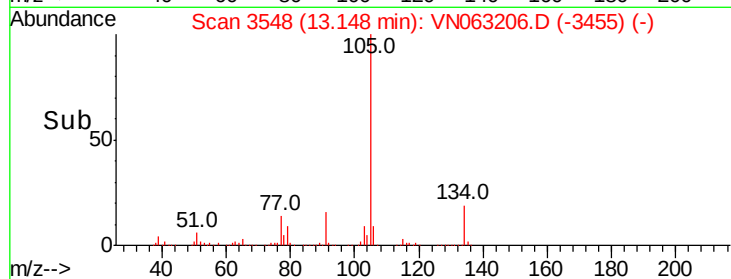
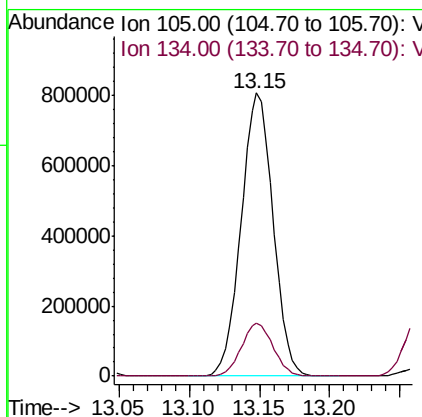
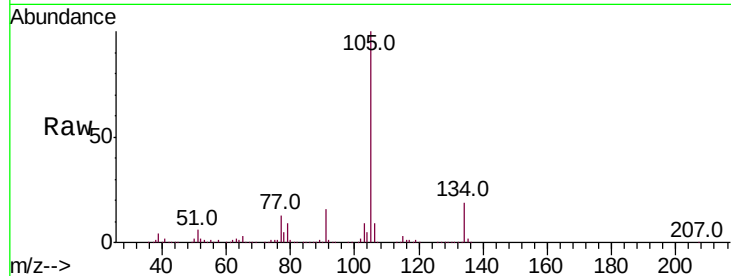




#85
 sec-Butylbenzene
 Concen: 51.661 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

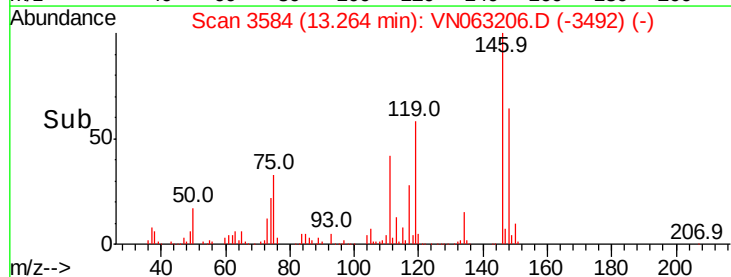
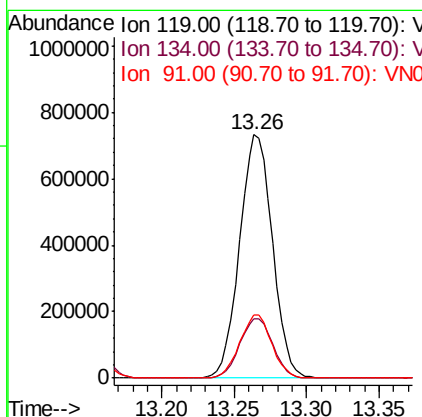
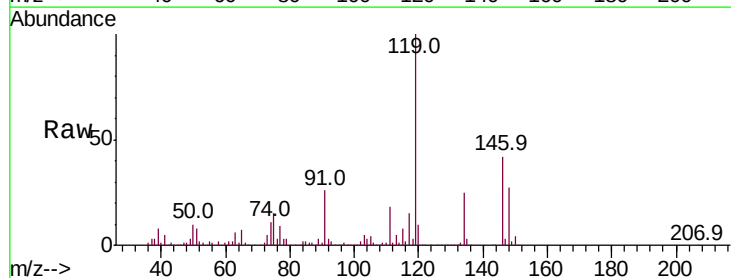
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

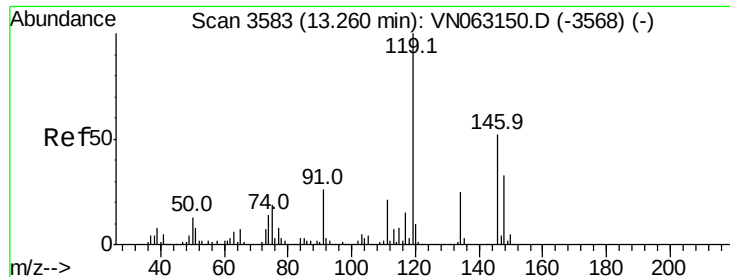
Tot Ion:105 Resp: 1277082
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 52.443 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion:119 Resp: 1150967
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.4 37.4
 91 25.3 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 51.441 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

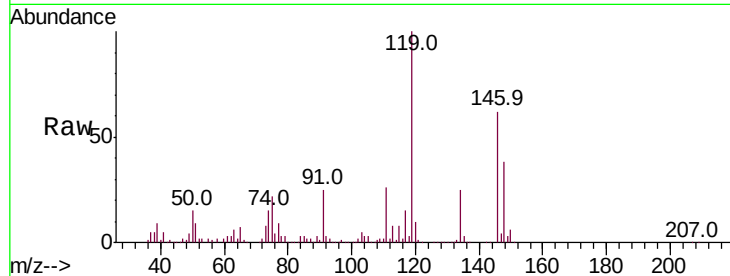
Tot Ion:146 Resp: 567870

Ion Ratio Lower Upper

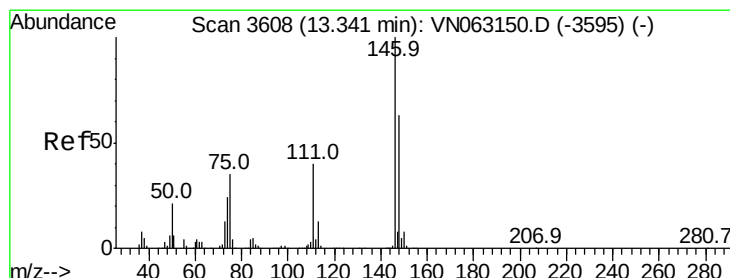
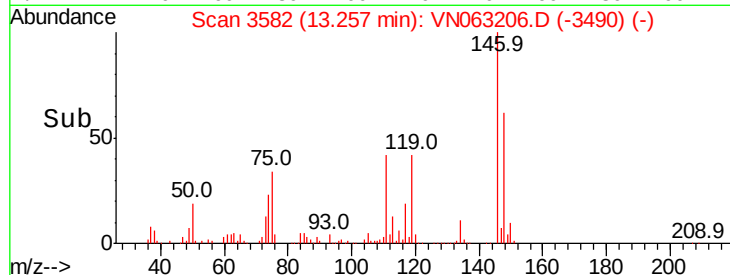
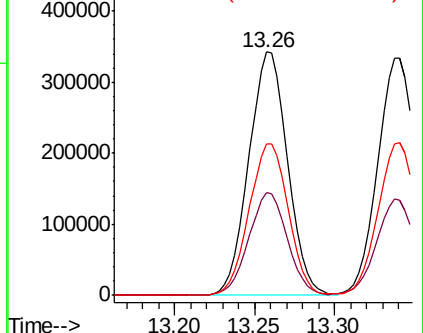
146 100

111 42.0 21.3 63.7

148 63.2 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 48.764 ug/l

RT: 13.34 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

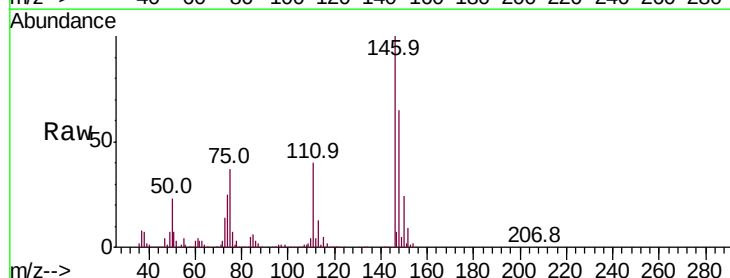
Tgt Ion:146 Resp: 557407

Ion Ratio Lower Upper

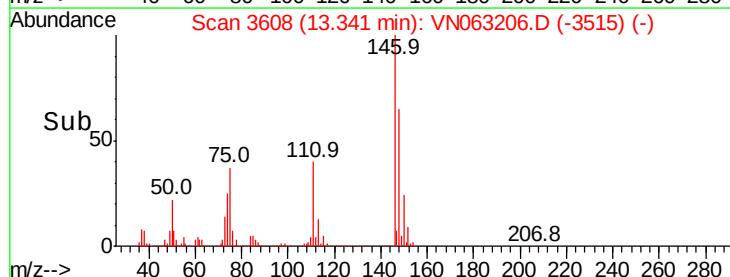
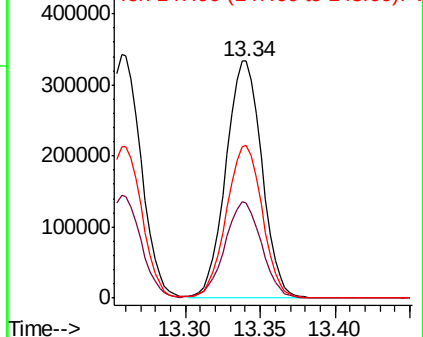
146 100

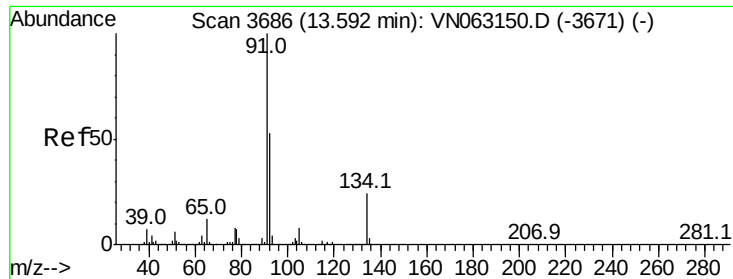
111 41.4 20.5 61.5

148 64.7 31.9 95.7



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

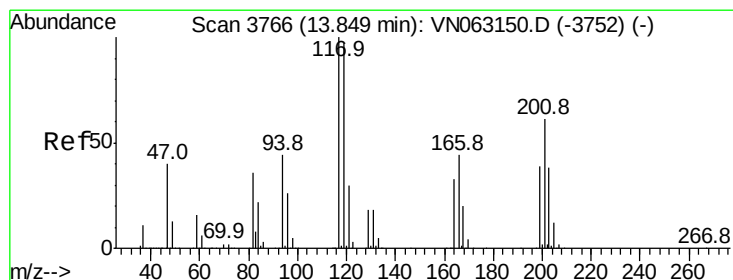
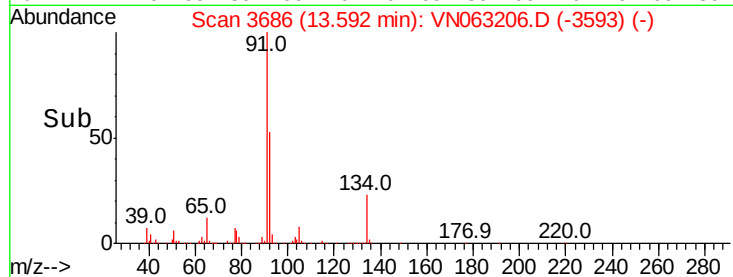
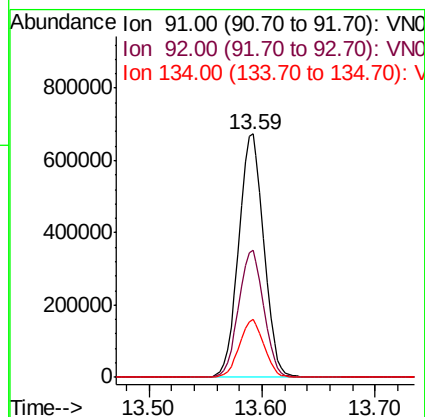
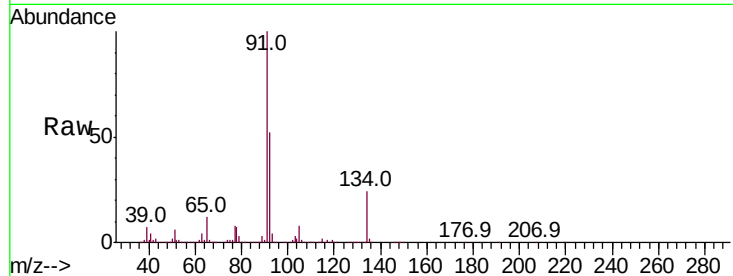




#89
n-Butylbenzene
Concen: 51.428 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

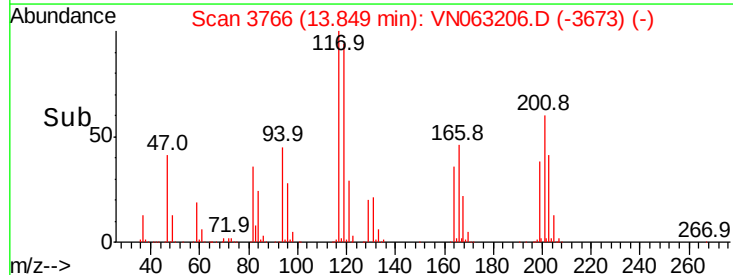
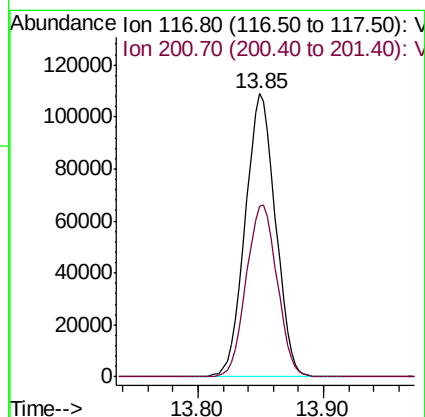
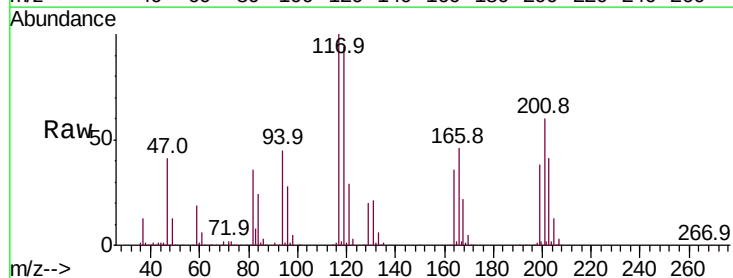
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

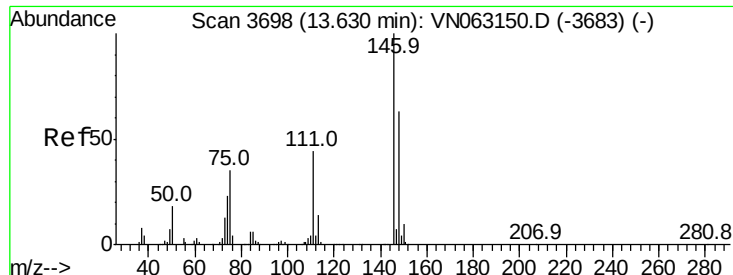
Tot Ion: 91 Resp: 1042733
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.8
134 23.4 12.0 36.0



#90
Hexachloroethane
Concen: 45.100 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063206.D
Acq: 2 Sep 2020 19:52

Tgt Ion: 117 Resp: 183231
Ion Ratio Lower Upper
117 100
201 62.0 30.6 92.0





#91

1,2-Dichlorobenzene

Concen: 52.282 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

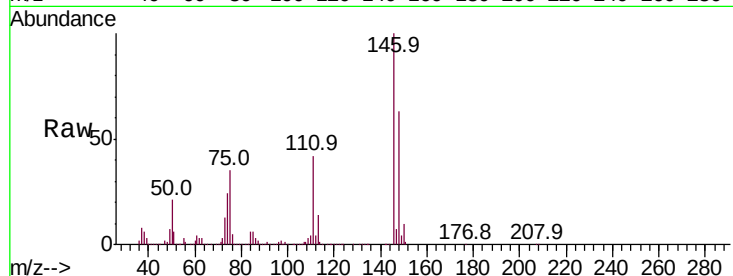
Tot Ion:146 Resp: 560082

Ion Ratio Lower Upper

146 100

111 42.9 22.0 66.0

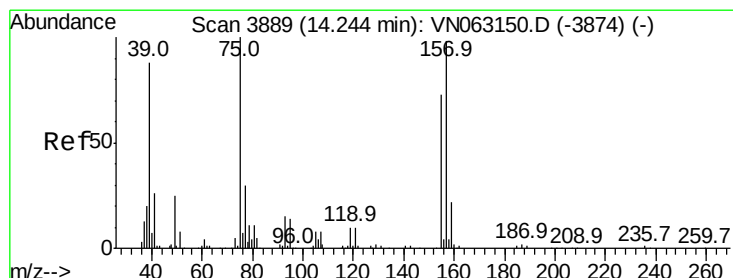
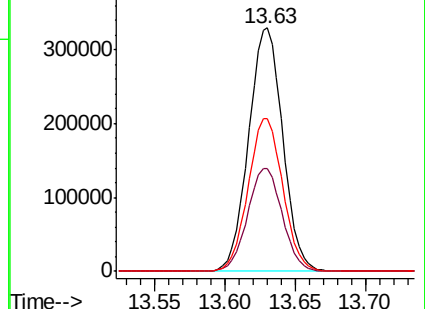
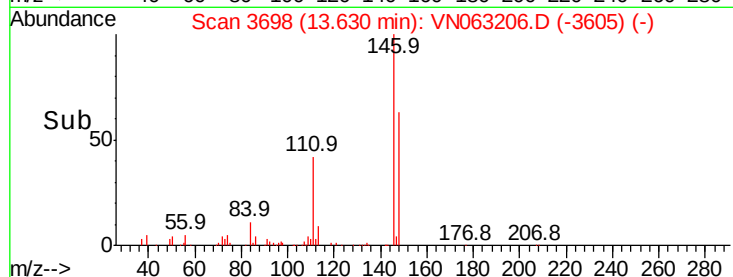
148 63.8 31.6 95.0



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: 48.347 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

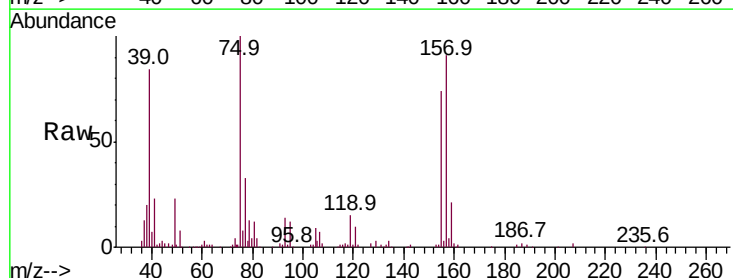
Tgt Ion: 75 Resp: 81424

Ion Ratio Lower Upper

75 100

155 74.6 36.1 108.5

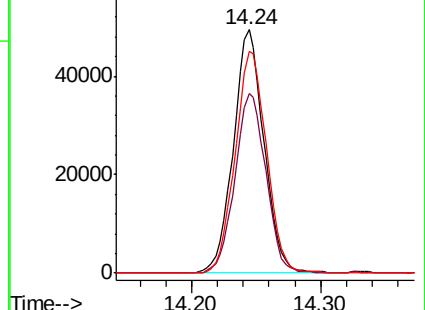
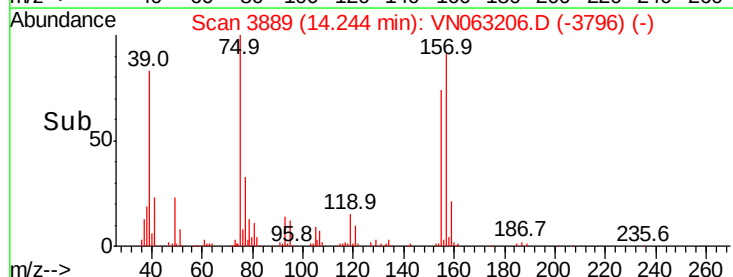
157 93.2 48.4 145.0

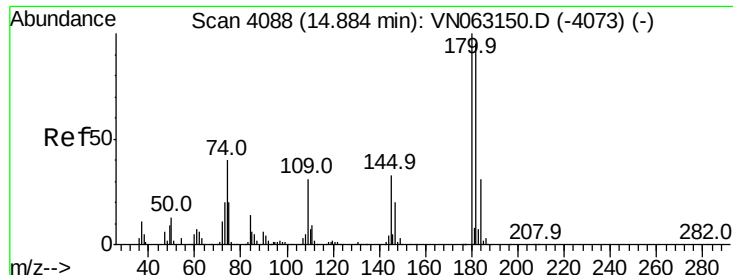


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

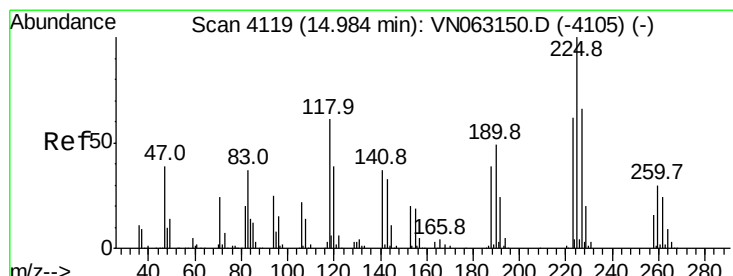
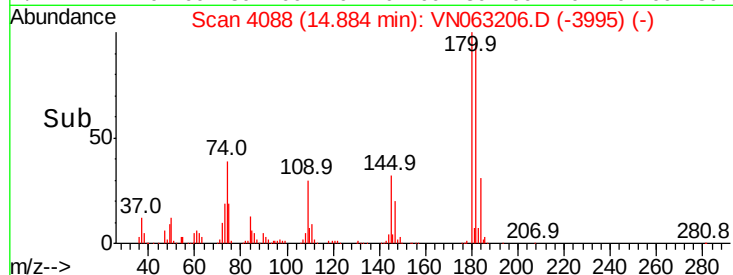
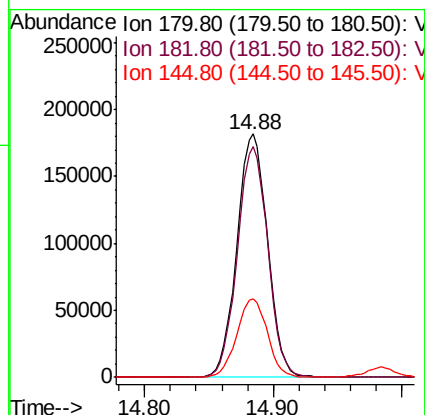
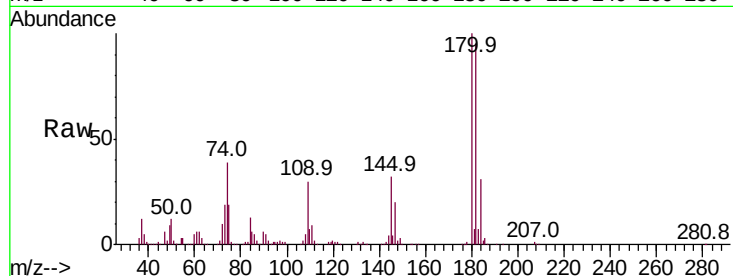




#93
 1,2,4-Trichlorobenzene
 Concen: 50.246 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

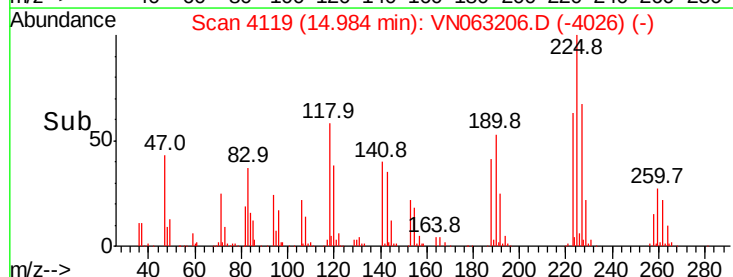
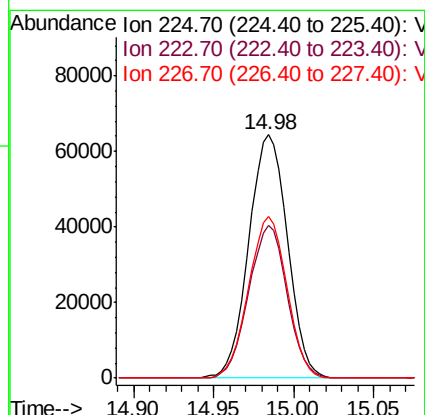
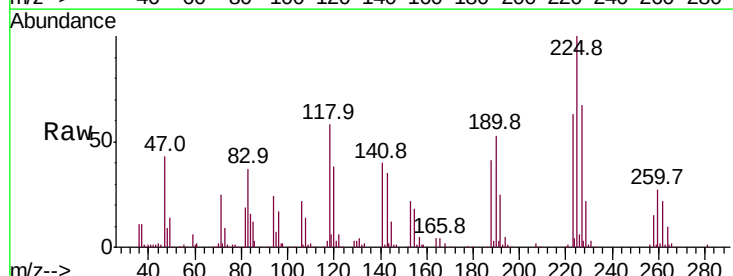
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

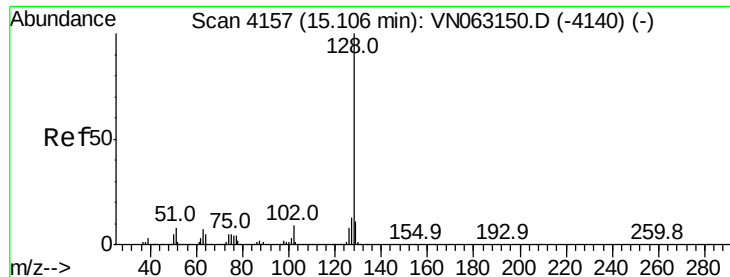
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.5	142.5
145	32.1	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 47.650 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063206.D
 Acq: 2 Sep 2020 19:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.9	92.7
227	65.8	32.9	98.7





#95

Naphthalene

Concen: 48.905 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

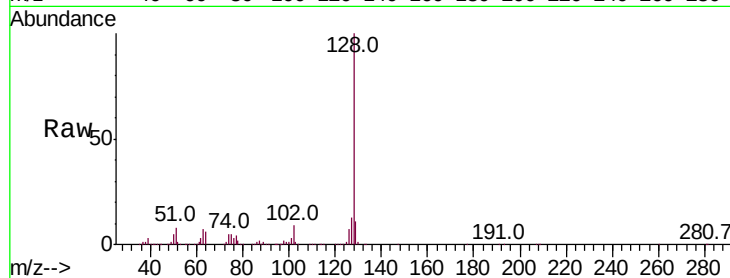
Tot Ion:128 Resp: 976539

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

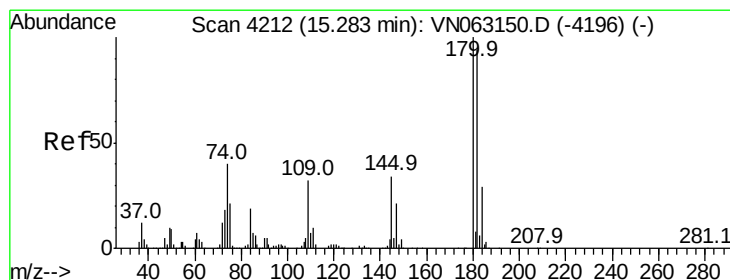
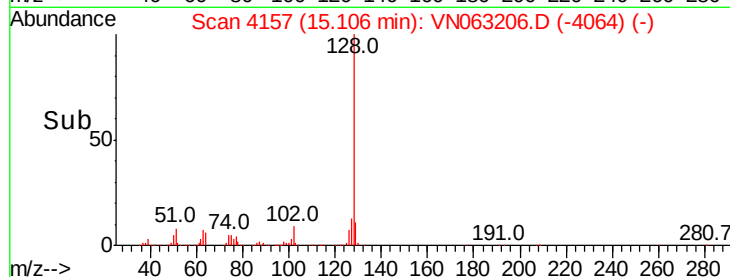
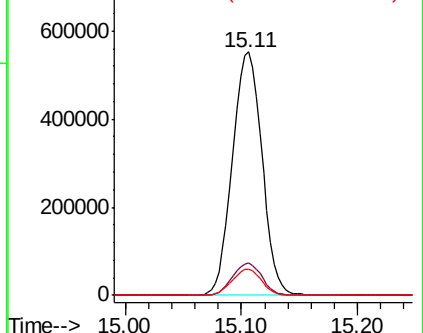
129 10.7 8.6 13.0



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: 48.951 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063206.D

Acq: 2 Sep 2020 19:52

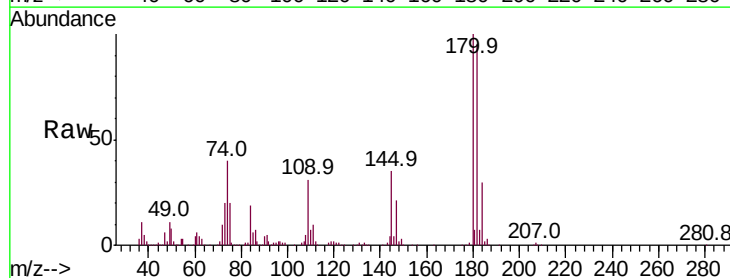
Tgt Ion:180 Resp: 285435

Ion Ratio Lower Upper

180 100

182 94.3 47.5 142.5

145 34.5 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

