

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063148.D
 Acq On : 31 Aug 2020 13:21
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 01 02:45:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	397417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	766443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	679543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	289918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	34284	5.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.88%	
35) Dibromofluoromethane	7.55	113	25171	4.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.12%	
50) Toluene-d8	10.06	98	97603	4.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.62%	
62) 4-Bromofluorobenzene	12.38	95	31461	4.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	21364	4.966	ug/l	94
3) Chloromethane	2.03	50	32608	5.873	ug/l	90
4) Vinyl Chloride	2.17	62	36159	6.037	ug/l	97
5) Bromomethane	2.53	94	28865	7.004	ug/l	88
6) Chloroethane	2.68	64	29092	7.047	ug/l	91
7) Trichlorofluoromethane	2.98	101	60788	7.306	ug/l	94
8) Diethyl Ether	3.37	74	15124	5.315	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.72	101	24412	4.965	ug/l #	87
10) Methyl Iodide	3.91	142	28090	4.300	ug/l #	93
11) Tert butyl alcohol	4.73	59	20007	40.784	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	23317	5.291	ug/l	89
13) Acrolein	3.57	56	8451	32.666	ug/l	98
14) Allyl chloride	4.27	41	42231	5.914	ug/l	96
15) Acrylonitrile	4.94	53	52140	28.624	ug/l	96
16) Acetone	3.78	43	47190	30.729	ug/l	97
17) Carbon Disulfide	4.01	76	69728	5.284	ug/l	100
18) Methyl Acetate	4.28	43	24353	4.444	ug/l #	56
19) Methyl tert-butyl Ether	4.99	73	85575	6.717	ug/l	98
20) Methylene Chloride	4.50	84	28092	5.105	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	26694	5.664	ug/l	95
22) Diisopropyl ether	5.90	45	90778	6.223	ug/l	92
23) Vinyl Acetate	5.84	43	372283	34.910	ug/l	99
24) 1,1-Dichloroethane	5.79	63	50425	5.475	ug/l	95
25) 2-Butanone	6.79	43	74618	33.520	ug/l	99
26) 2,2-Dichloropropane	6.77	77	46127	6.299	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	30988	5.943	ug/l	98
28) Bromochloromethane	7.15	49	26898	6.338	ug/l	97
29) Tetrahydrofuran	7.17	42	49222	34.739	ug/l	99
30) Chloroform	7.33	83	54923	5.802	ug/l	93
31) Cyclohexane	7.61	56	56718	6.589	ug/l #	89
32) 1,1,1-Trichloroethane	7.53	97	46922	5.701	ug/l	99
36) 1,1-Dichloropropene	7.75	75	38743	4.625	ug/l	100
37) Ethyl Acetate	6.88	43	30328	4.983	ug/l #	74
38) Carbon Tetrachloride	7.73	117	39395	4.385	ug/l	93

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 ClientSampleId :
 VSTDIC005

Quant Time: Sep 01 02:45:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	42983	4.905	ug/l	97
40) Benzene	8.00	78	113183	4.429	ug/l	99
41) Methacrylonitrile	7.12	41	9666	3.194	ug/l #	36
42) 1,2-Dichloroethane	8.08	62	40864	4.730	ug/l	98
43) Isopropyl Acetate	8.13	43	60566	5.685	ug/l #	89
44) Trichloroethene	8.80	130	26962	4.062	ug/l	94
45) 1,2-Dichloropropane	9.08	63	32122	4.671	ug/l	92
46) Dibromomethane	9.18	93	19043	4.410	ug/l	90
47) Bromodichloromethane	9.37	83	41035	4.575	ug/l	95
48) Methyl methacrylate	9.17	41	26794	5.093	ug/l	95
49) 1,4-Dioxane	9.17	88	8754	117.180	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	169475	28.574	ug/l	97
52) Toluene	10.13	92	67773	4.457	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	43938	4.865	ug/l	93
54) cis-1,3-Dichloropropene	9.81	75	46927	4.777	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	25135	3.985	ug/l	97
56) Ethyl methacrylate	10.40	69	37464	4.971	ug/l	97
57) 1,3-Dichloropropane	10.68	76	46530	4.629	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	105462	30.185	ug/l	97
59) 2-Hexanone	10.72	43	115974	28.814	ug/l	99
60) Dibromochloromethane	10.87	129	27700	4.020	ug/l	95
61) 1,2-Dibromoethane	10.98	107	27774	4.672	ug/l	100
64) Tetrachloroethene	10.60	164	26838	4.511	ug/l	97
65) Chlorobenzene	11.41	112	70950	4.244	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	24385	3.759	ug/l	91
67) Ethyl Benzene	11.49	91	134717	4.917	ug/l	95
68) m/p-Xylenes	11.59	106	92093	8.969	ug/l	97
69) o-Xylene	11.93	106	45378	4.587	ug/l	96
70) Styrene	11.94	104	74057	4.599	ug/l	98
71) Bromoform	12.10	173	15811	3.470	ug/l #	97
73) Isopropylbenzene	12.22	105	122425	5.474	ug/l	97
74) N-amyl acetate	12.05	43	44635	6.143	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	33864	5.017	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	46025	8.212	ug/l #	100
77) Bromobenzene	12.50	156	24971	4.156	ug/l	91
78) n-propylbenzene	12.57	91	139872	5.490	ug/l	100
79) 2-Chlorotoluene	12.65	91	81416	5.221	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	99043	5.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	11199	5.979	ug/l	95
82) 4-Chlorotoluene	12.75	91	82741	5.269	ug/l	98
83) tert-Butylbenzene	12.97	119	82991	5.296	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	98421	5.439	ug/l	100
85) sec-Butylbenzene	13.15	105	110089	5.305	ug/l	98
86) p-Isopropyltoluene	13.27	119	95027	5.339	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	48027	4.555	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	49365	4.637	ug/l	90
89) n-Butylbenzene	13.59	91	88883	5.935	ug/l	98
90) Hexachloroethane	13.85	117	17066	4.318	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	46638	4.495	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	6795	6.107	ug/l #	76

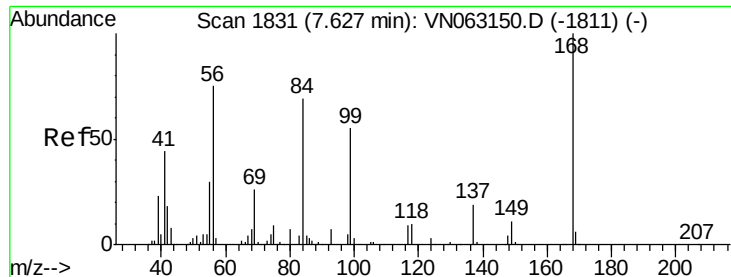
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
Data File : VN063148.D
Acq On : 31 Aug 2020 13:21
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Sample : VSTDICC005
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Sep 01 02:45:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 02:43:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	26213	5.454	ug/l	98
94) Hexachlorobutadiene	14.99	225	9911	3.064	ug/l	92
95) Naphthalene	15.11	128	81192	6.933	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	24027	4.833	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: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

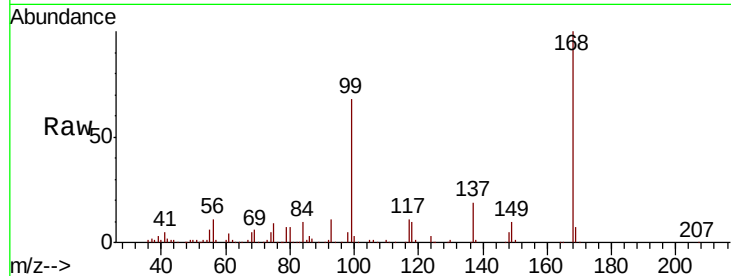
VSTDIC005

Tot Ion:168 Resp: 397417

Ion Ratio Lower Upper

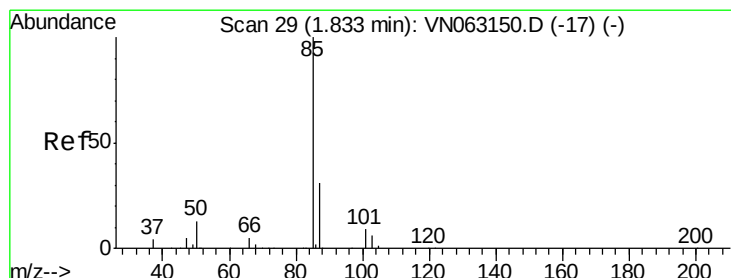
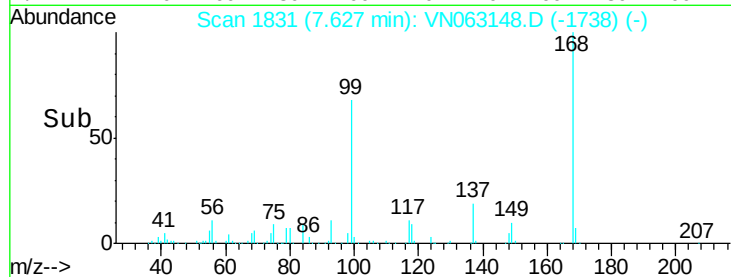
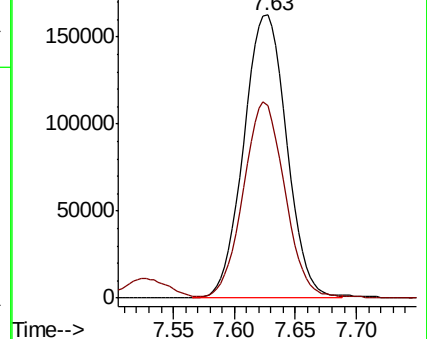
168 100

99 67.3 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 4.966 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063148.D

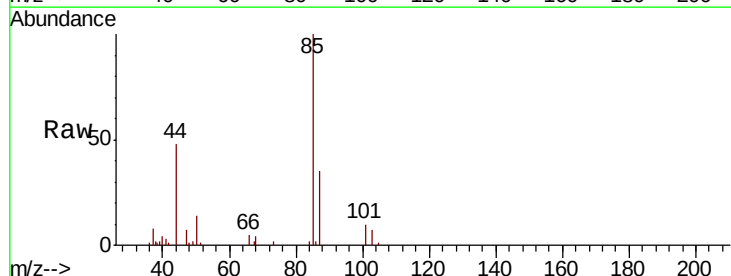
Acq: 31 Aug 2020 13:21

Tgt Ion: 85 Resp: 21364

Ion Ratio Lower Upper

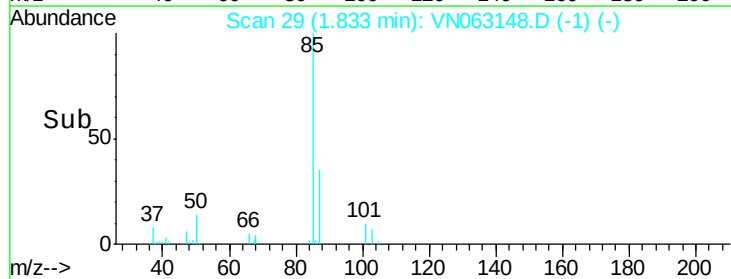
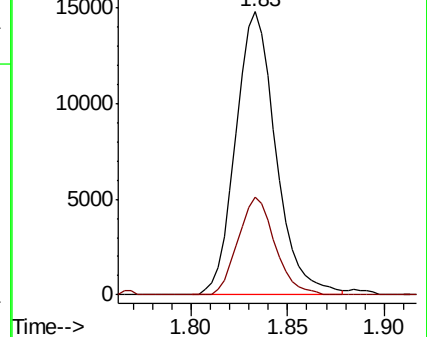
85 100

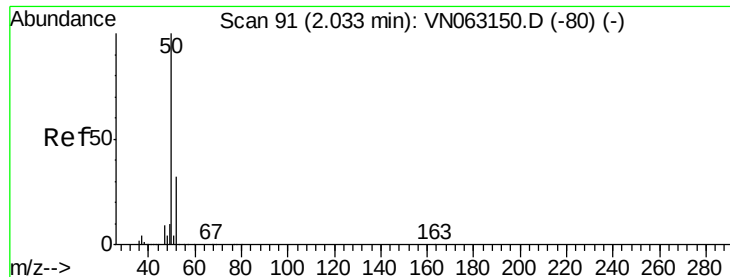
87 34.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 5.873 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

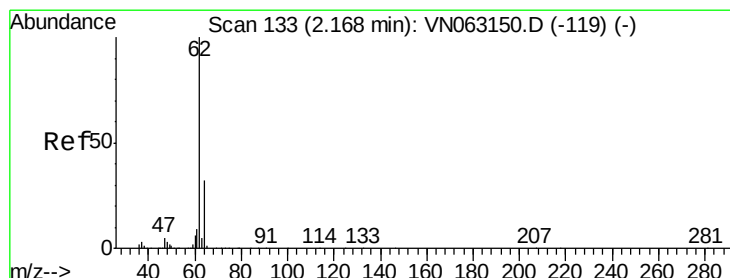
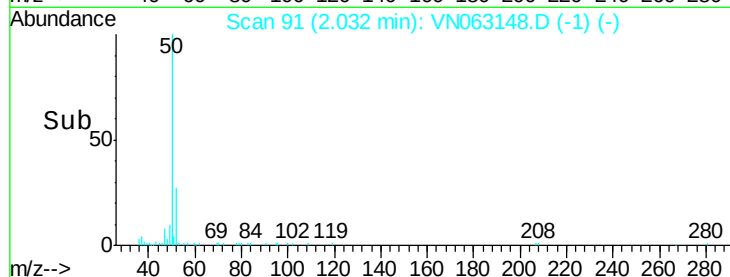
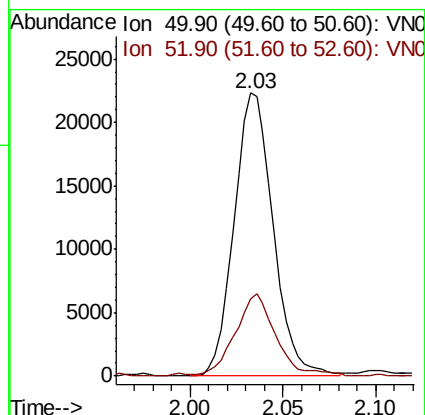
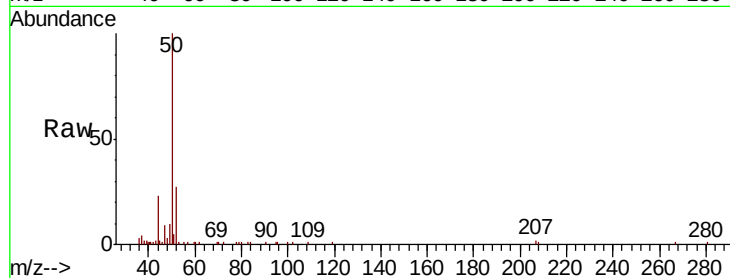
VSTDIC005

Tot Ion: 50 Resp: 32608

Ion Ratio Lower Upper

50 100

52 26.8 25.8 38.6



#4

Vinyl Chloride

Concen: 6.037 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063148.D

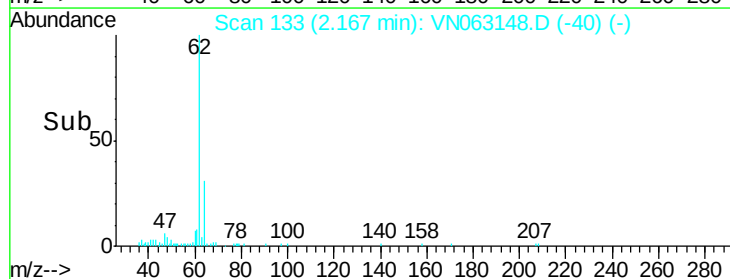
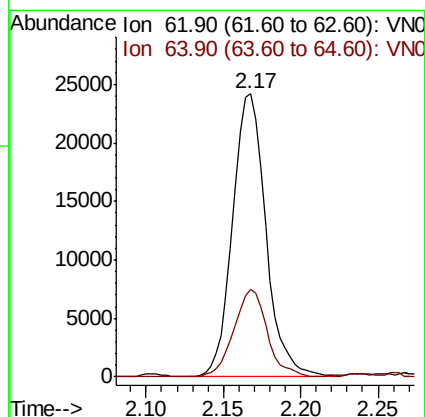
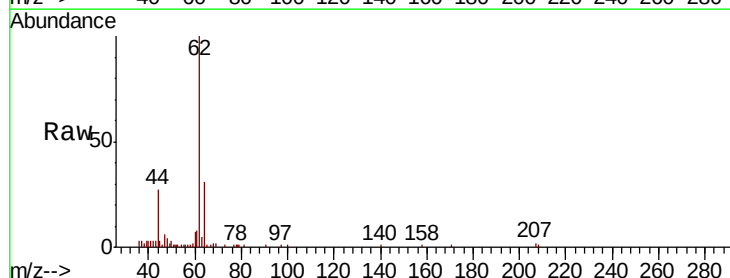
Acq: 31 Aug 2020 13:21

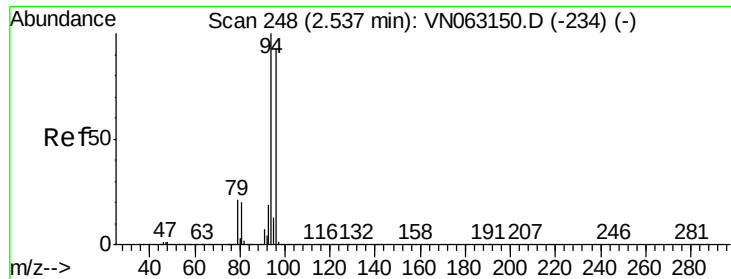
Tgt Ion: 62 Resp: 36159

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 7.004 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

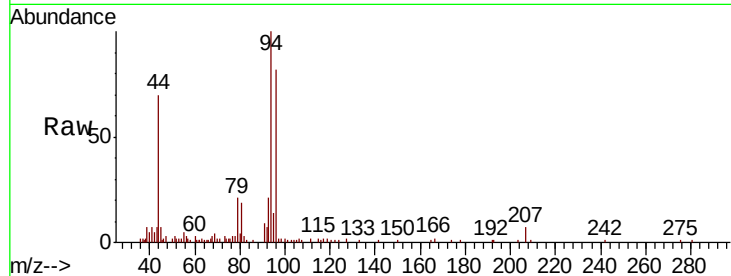
VSTDIC005

Tot Ion: 94 Resp: 28865

Ion Ratio Lower Upper

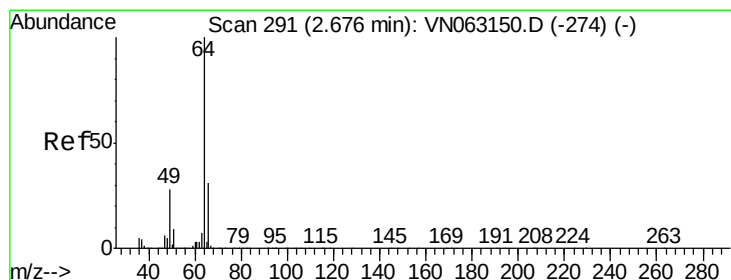
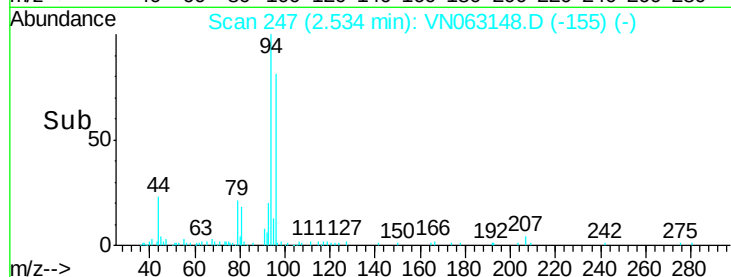
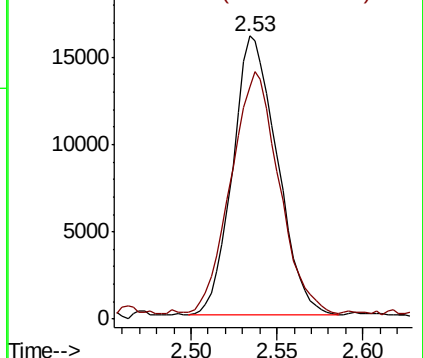
94 100

96 81.2 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 7.047 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN063148.D

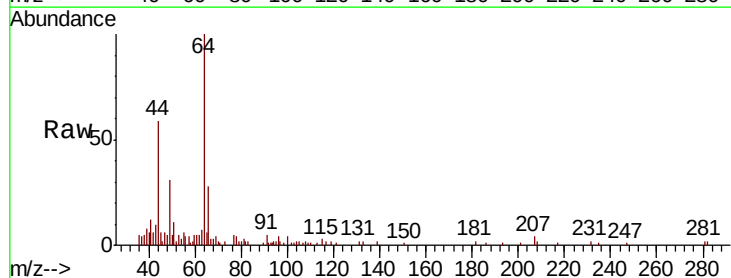
Acq: 31 Aug 2020 13:21

Tgt Ion: 64 Resp: 29092

Ion Ratio Lower Upper

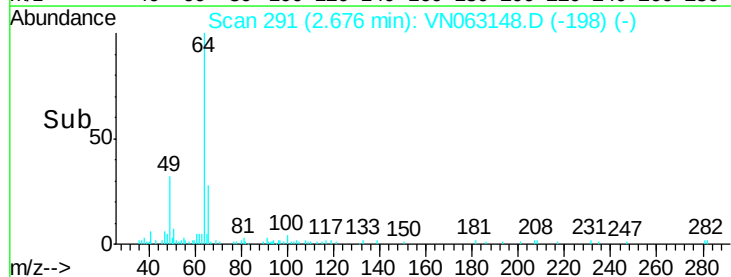
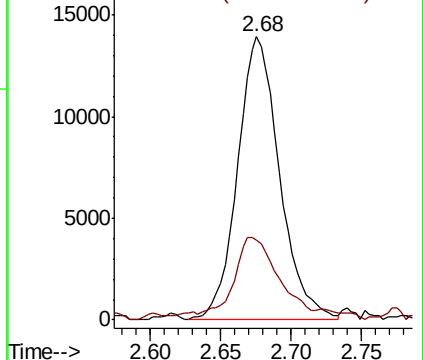
64 100

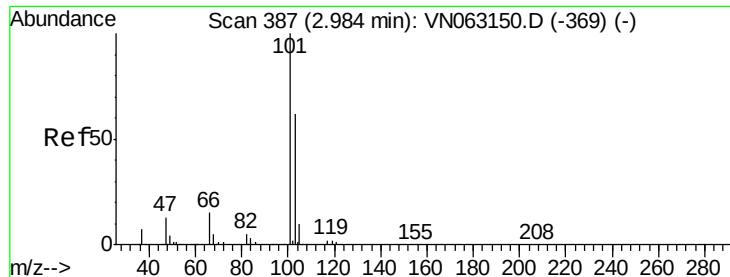
66 25.8 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



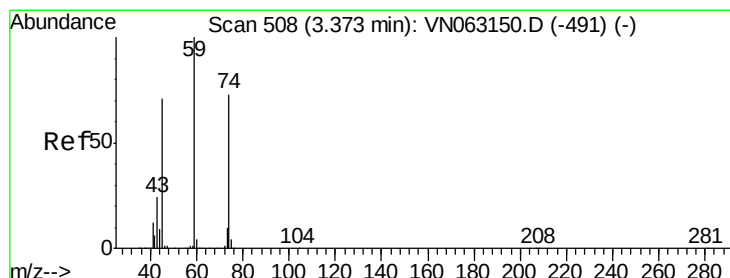
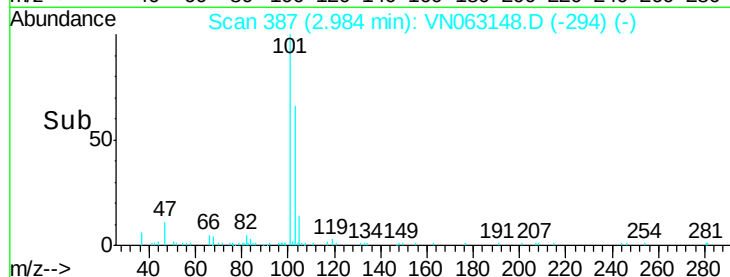
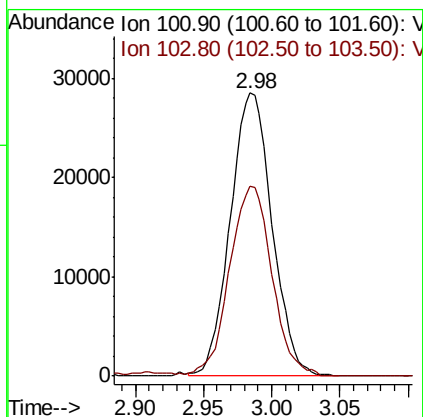
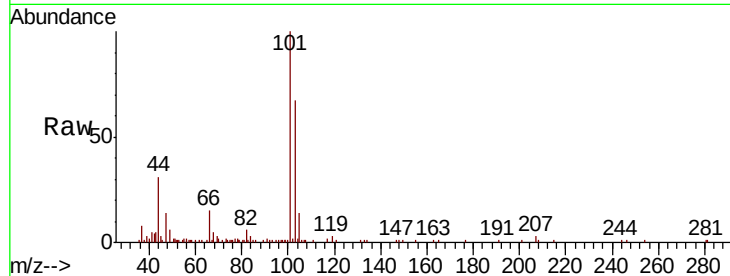


#7

Trichlorofluoromethane
 Concen: 7.306 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

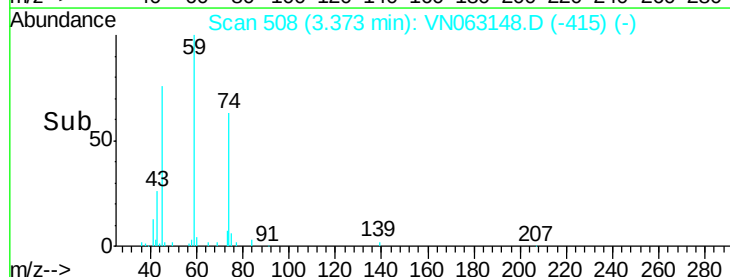
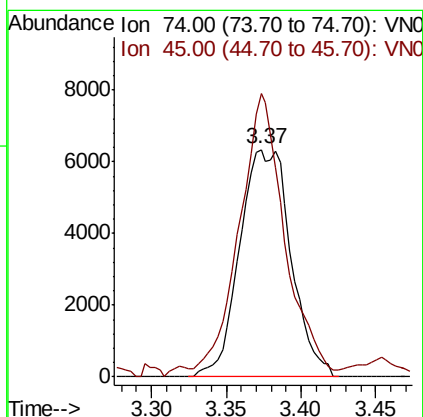
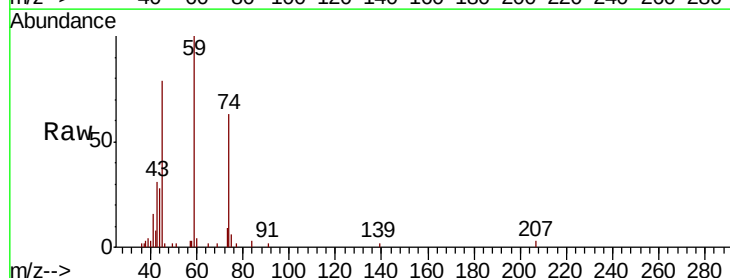
Tot Ion:101 Resp: 60788
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.7 74.5

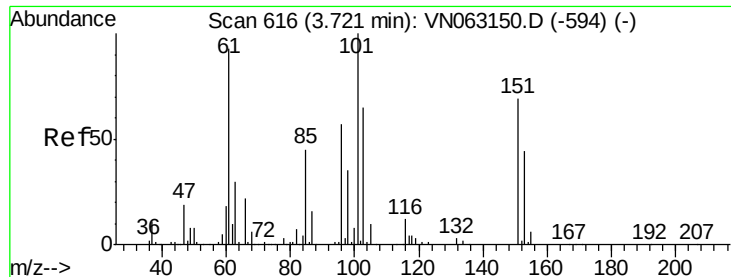


#8

Diethyl Ether
 Concen: 5.315 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Tgt Ion: 74 Resp: 15124
 Ion Ratio Lower Upper
 74 100
 45 111.8 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.965 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

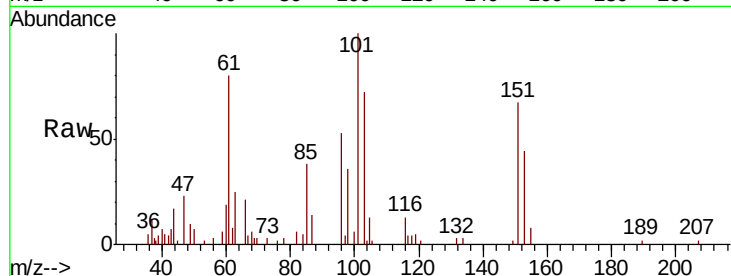
Tot Ion:101 Resp: 24412

Ion Ratio Lower Upper

101 100

85 28.6 37.8 56.8#

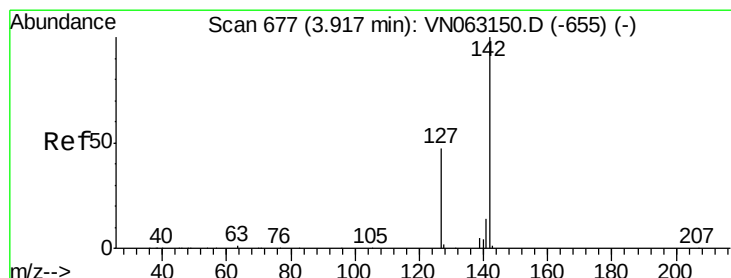
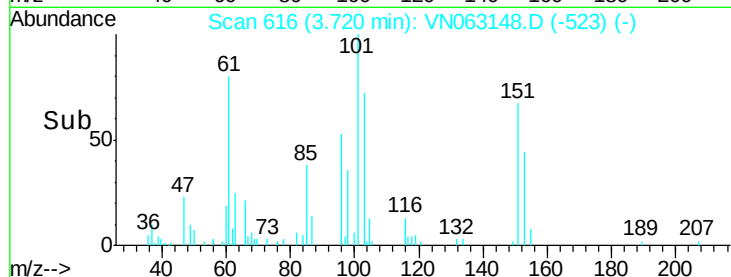
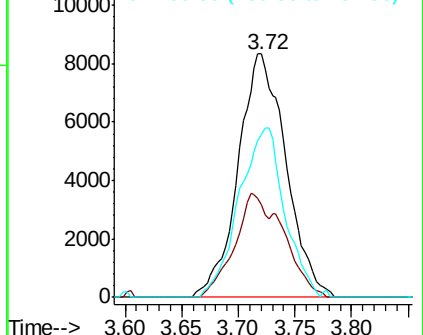
151 66.6 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.300 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

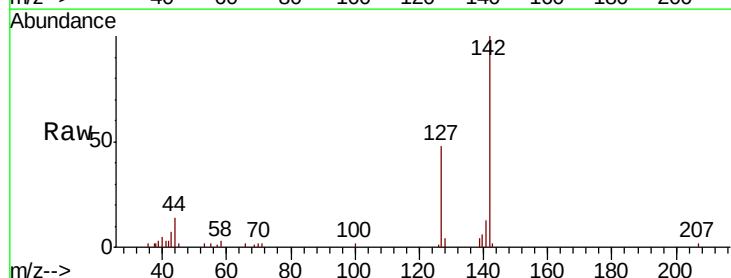
Tgt Ion:142 Resp: 28090

Ion Ratio Lower Upper

142 100

127 48.3 37.6 56.4

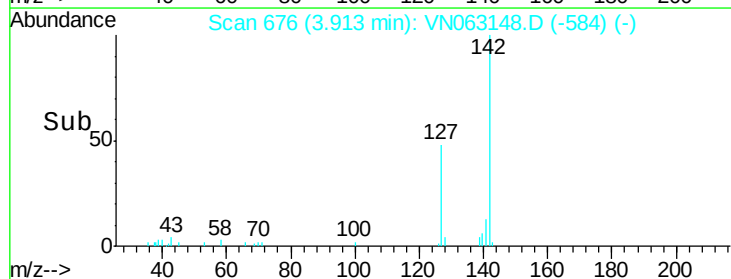
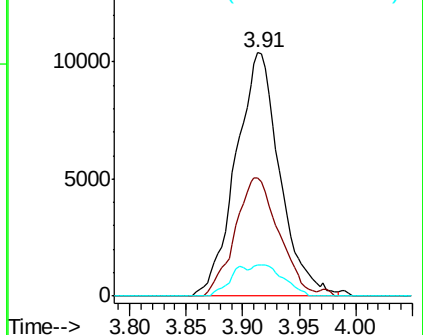
141 5.1 11.3 16.9#

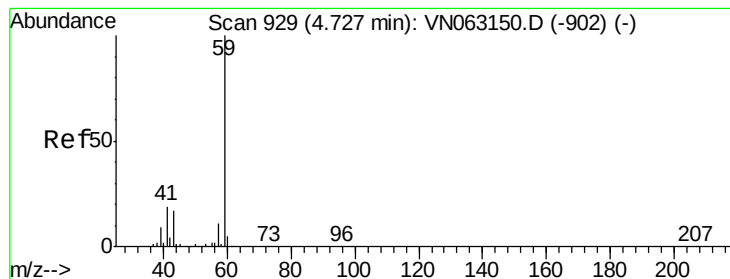


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



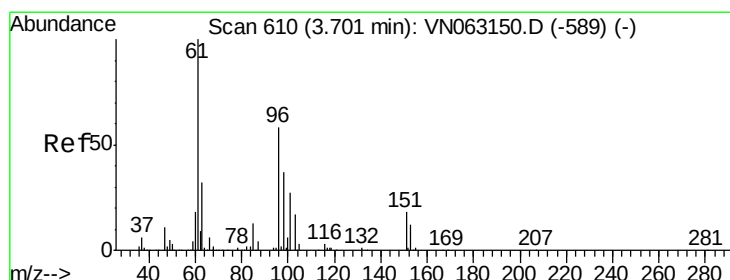
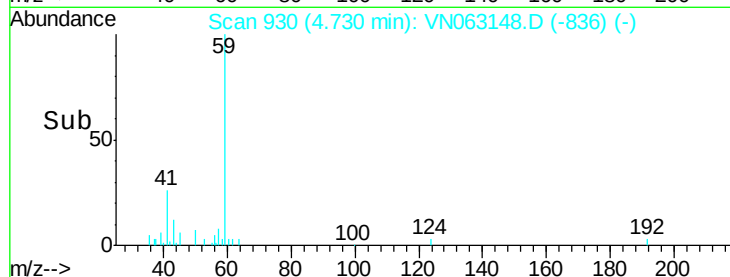
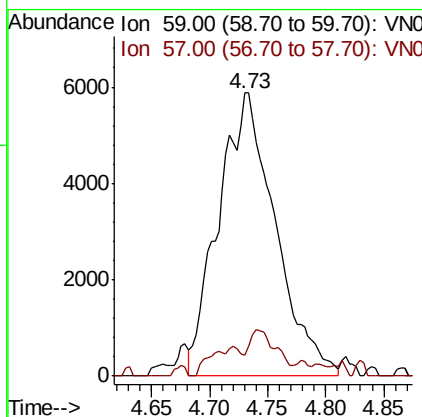
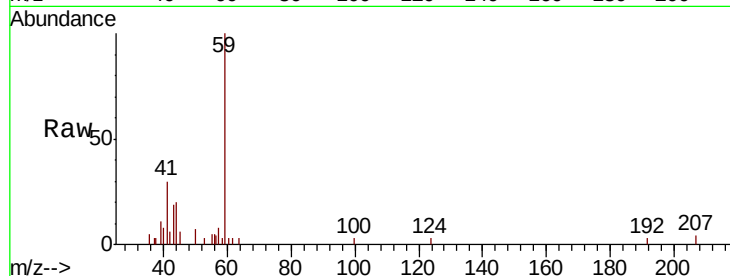


#11

Tert butyl alcohol
 Concen: 40.784 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

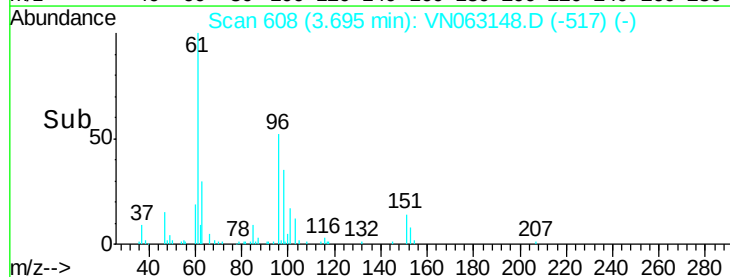
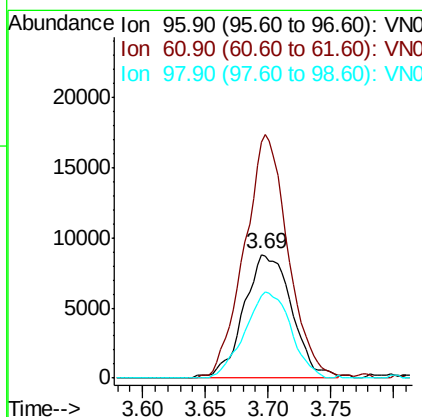
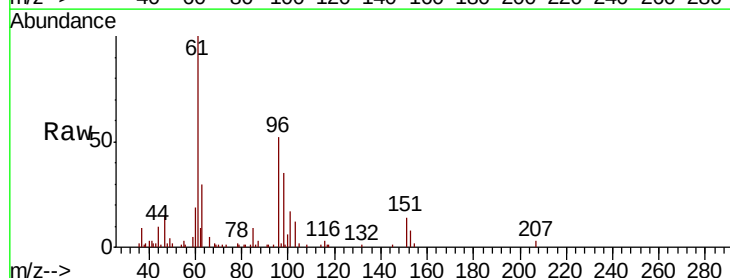
Tot Ion: 59 Resp: 20007
 Ion Ratio Lower Upper
 59 100
 57 5.8 8.4 12.6#

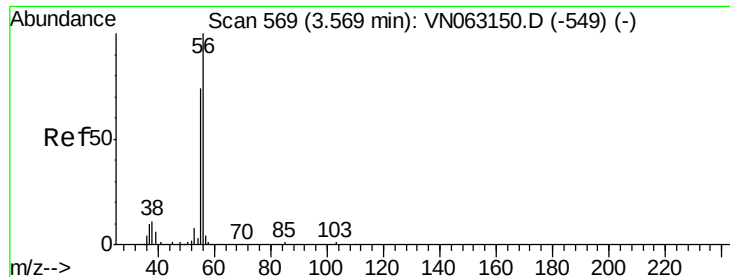


#12

1,1-Dichloroethene
 Concen: 5.291 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Tgt Ion: 96 Resp: 23317
 Ion Ratio Lower Upper
 96 100
 61 190.7 137.4 206.2
 98 66.4 50.5 75.7





#13

Acrolein

Concen: 32.666 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

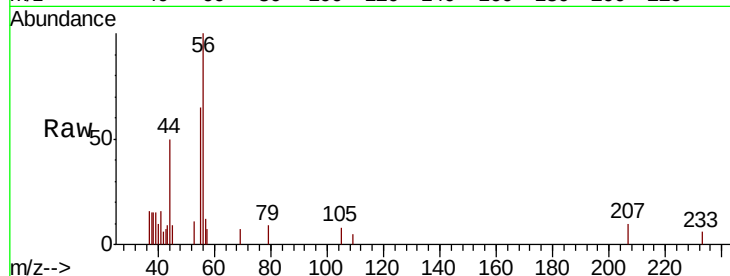
VSTDIC005

Tot Ion: 56 Resp: 8451

Ion Ratio Lower Upper

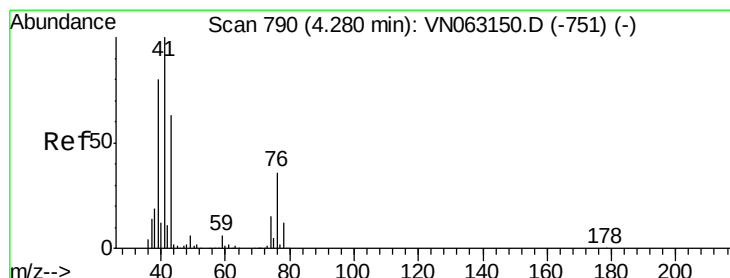
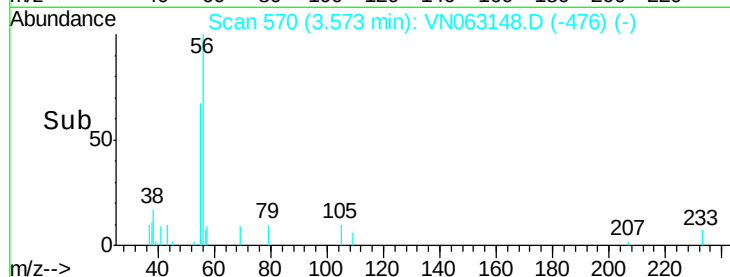
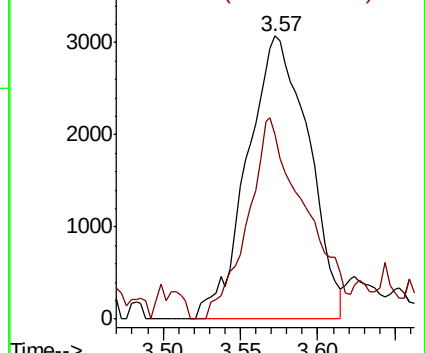
56 100

55 67.2 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN063148.D (-549) (-)

Ion 55.00 (54.70 to 55.70): VN063148.D (-549) (-)



#14

Allyl chloride

Concen: 5.914 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

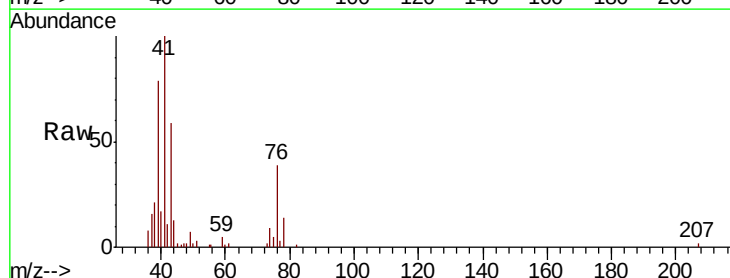
Tgt Ion: 41 Resp: 42231

Ion Ratio Lower Upper

41 100

39 79.7 60.2 90.2

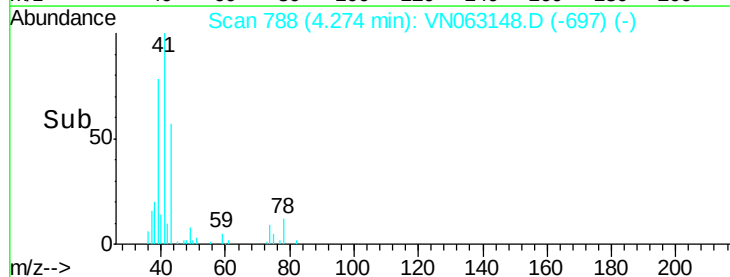
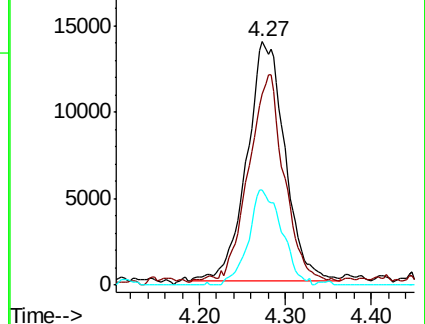
76 35.2 27.7 41.5

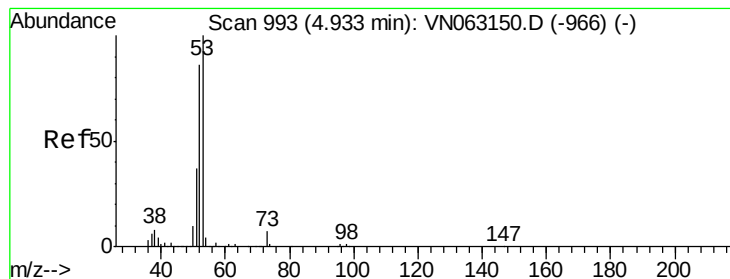


Abundance Ion 41.00 (40.70 to 41.70): VN063148.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN063148.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN063148.D (-697) (-)





#15

Acrylonitrile

Concen: 28.624 ug/l

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

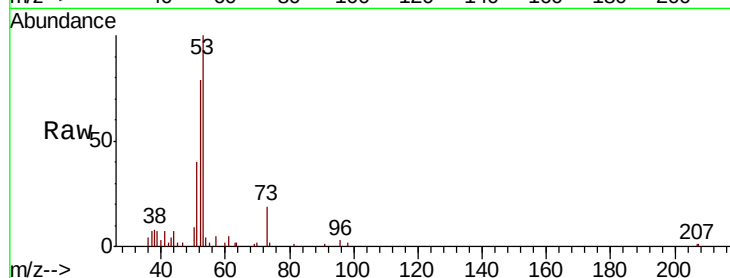
MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 53 Resp: 52140

Ion	Ratio	Lower	Upper
53	100		
52	86.4	67.2	100.8
51	34.6	30.2	45.4

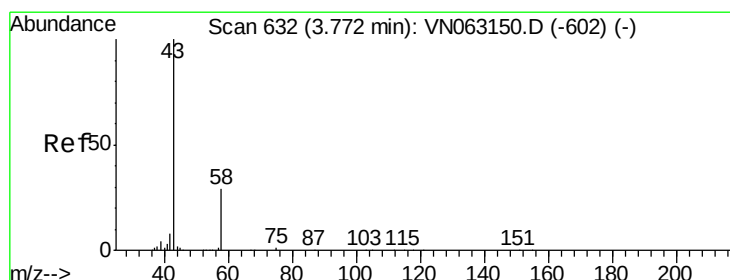
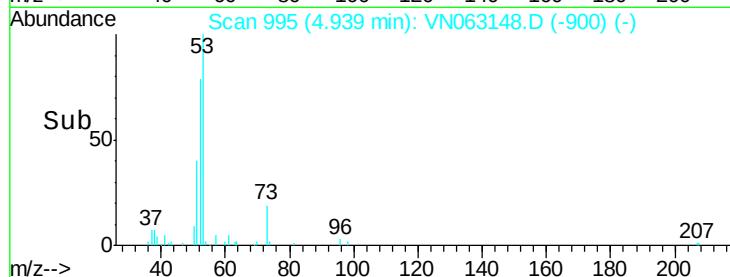
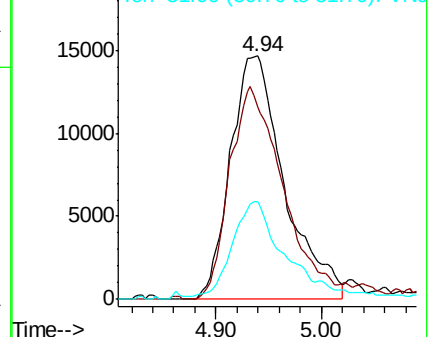


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 30.729 ug/l

RT: 3.78 min Scan# 634

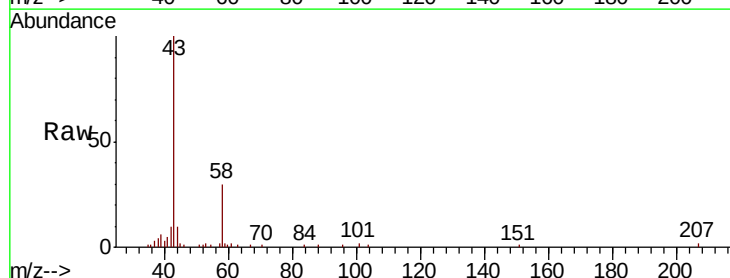
Delta R.T. 0.01 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Tgt Ion: 43 Resp: 47190

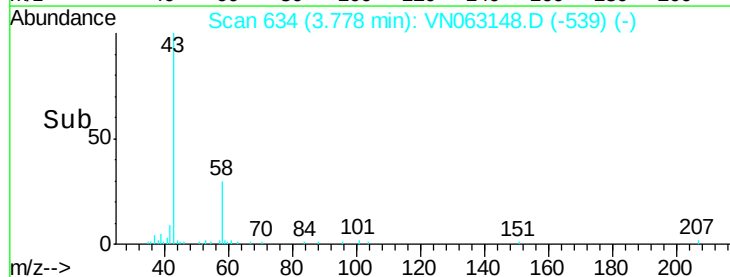
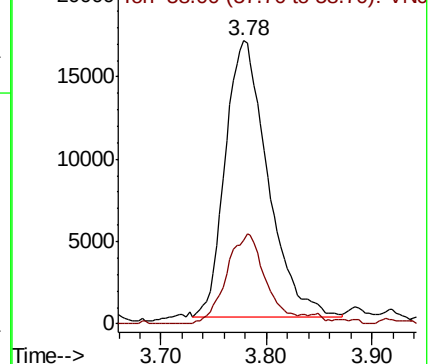
Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.1	34.7

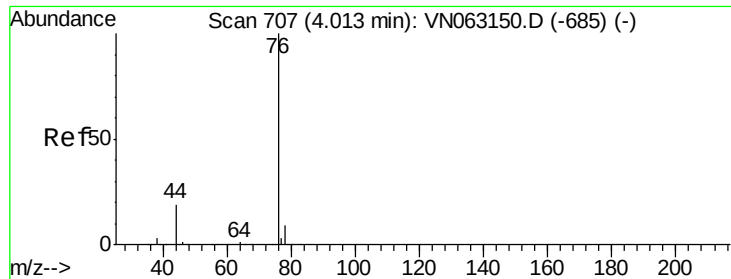


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 5.284 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

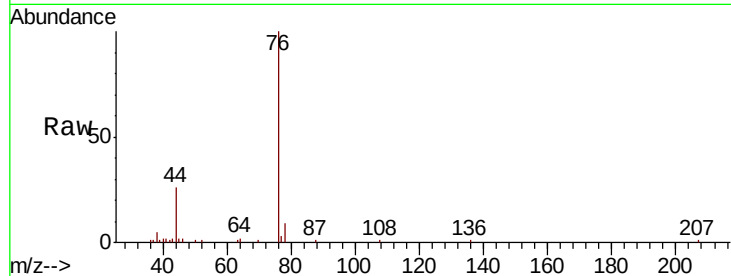
VSTDIC005

Tot Ion: 76 Resp: 69728

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN063148.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063148.D (-614) (-)

4.01

25000

20000

15000

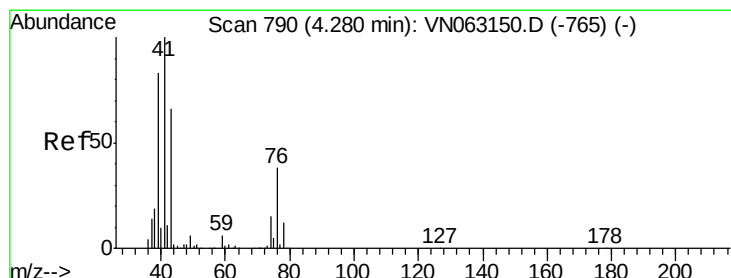
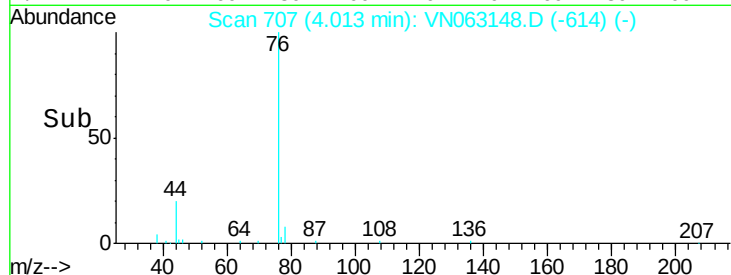
10000

5000

0

Time-->

3.90 3.95 4.00 4.05 4.10



#18

Methyl Acetate

Concen: 4.444 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063148.D

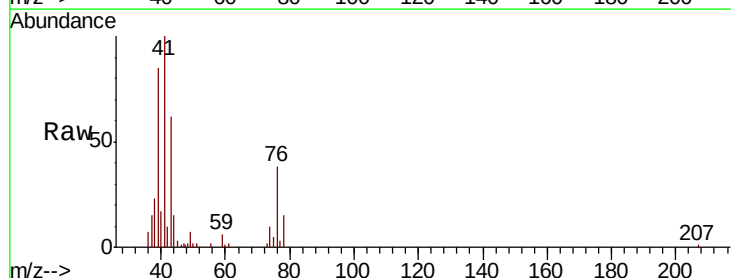
Acq: 31 Aug 2020 13:21

Tgt Ion: 43 Resp: 24353

Ion Ratio Lower Upper

43 100

74 2.3 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VN063148.D (-697) (-)

Ion 74.00 (73.70 to 74.70): VN063148.D (-697) (-)

4.28

10000

8000

6000

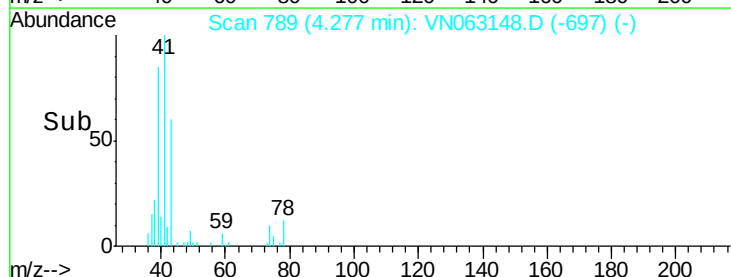
4000

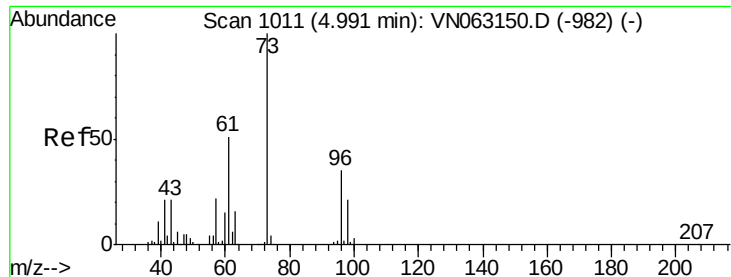
2000

0

Time-->

4.20 4.25 4.30 4.35 4.40





#19

Methvl tert-butyl Ether

Concen: 6.717 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

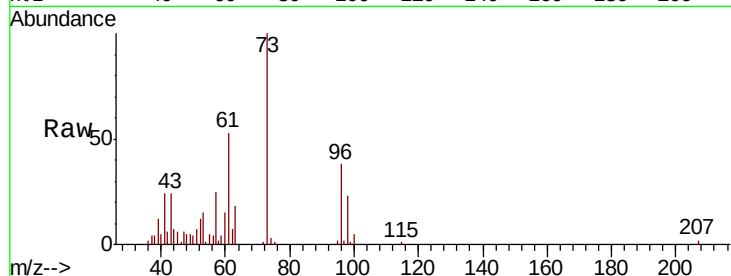
VSTDIC005

Tot Ion: 73 Resp: 85575

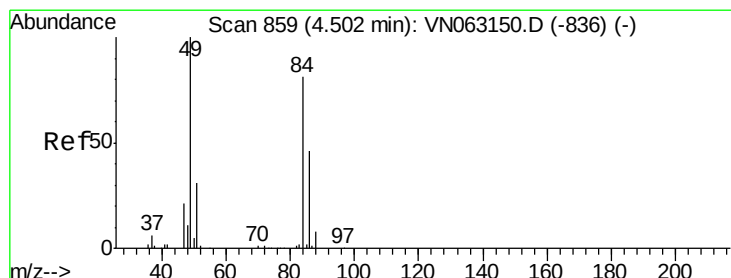
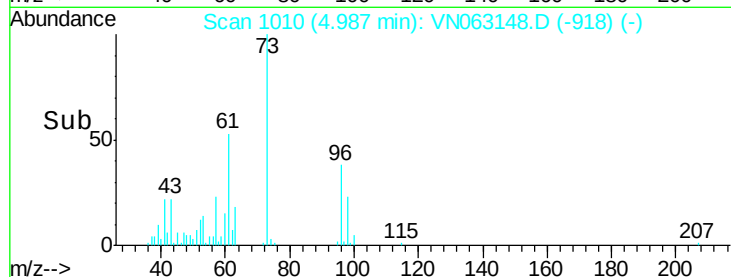
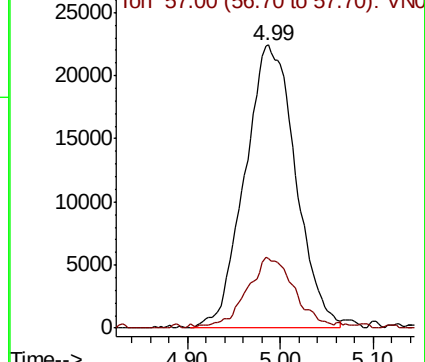
Ion Ratio Lower Upper

73 100

57 23.1 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VN063150.D (-982) (-)



#20

Methylene Chloride

Concen: 5.105 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Tgt Ion: 84 Resp: 28092

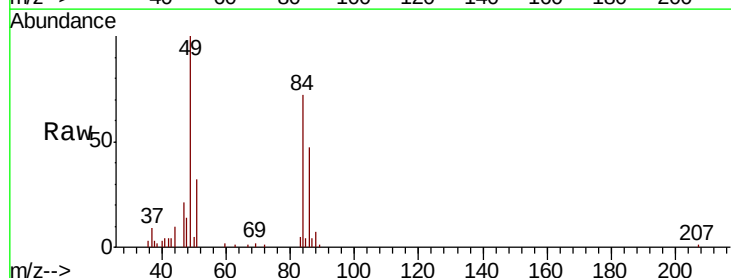
Ion Ratio Lower Upper

84 100

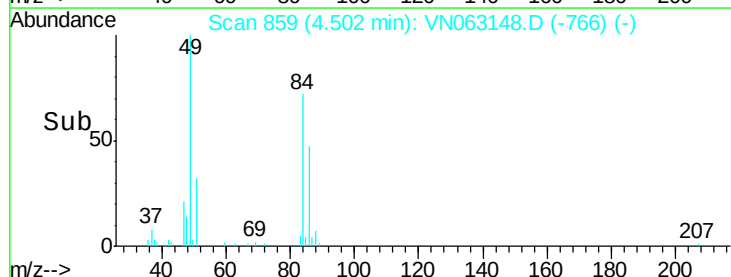
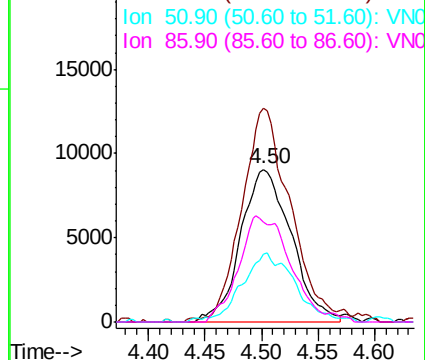
49 135.3 98.4 147.6

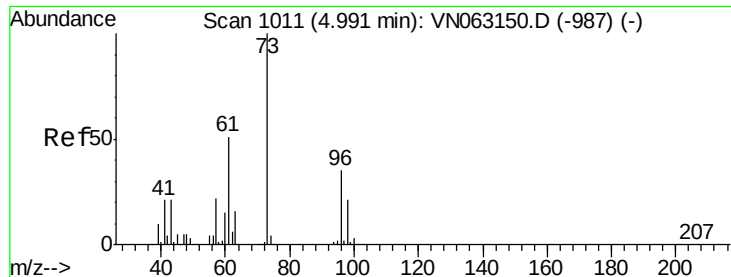
51 42.4 30.4 45.6

86 65.5 45.7 68.5



Abundance Ion 83.90 (83.60 to 84.60): VN063150.D (-836) (-)





#21

trans-1,2-Dichloroethene

Concen: 5.664 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

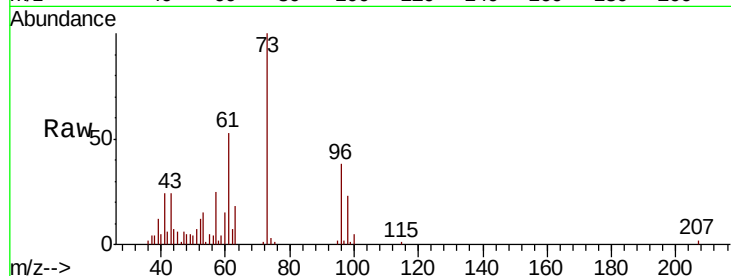
Tot Ion: 96 Resp: 26694

Ion Ratio Lower Upper

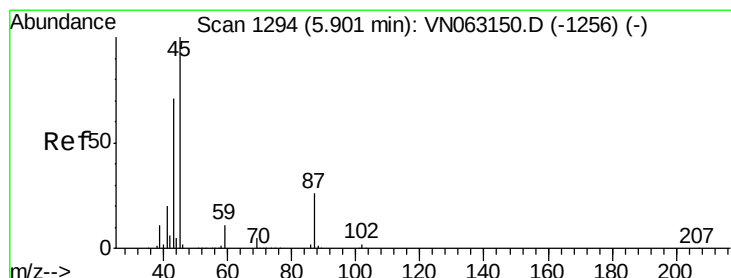
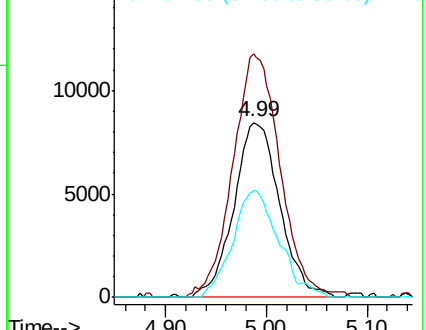
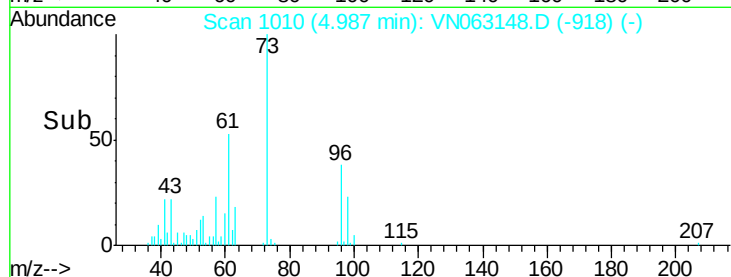
96 100

61 137.4 116.2 174.4

98 60.7 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN063148.D (-918) (-)



#22

Diisopropyl ether

Concen: 6.223 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Tgt Ion: 45 Resp: 90778

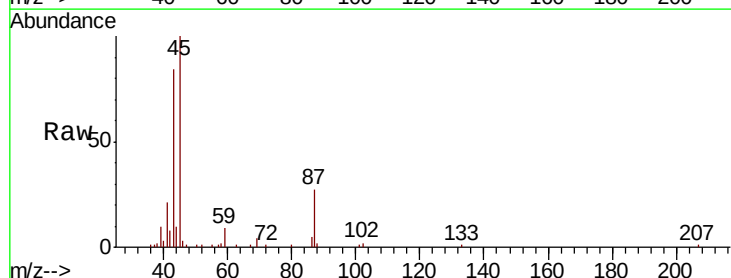
Ion Ratio Lower Upper

45 100

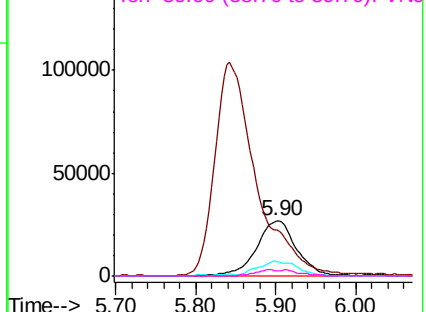
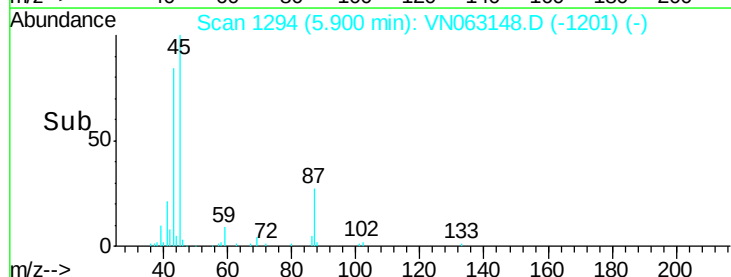
43 80.4 56.8 85.2

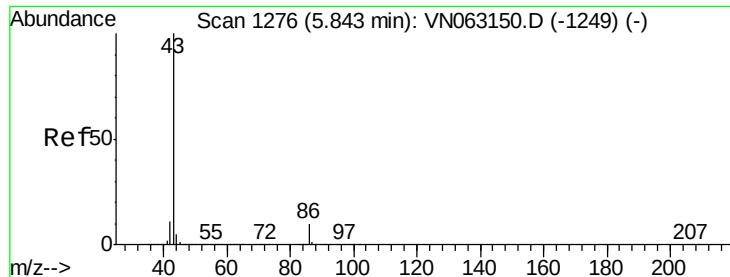
87 26.0 21.1 31.7

59 8.9 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VN063148.D (-1201) (-)

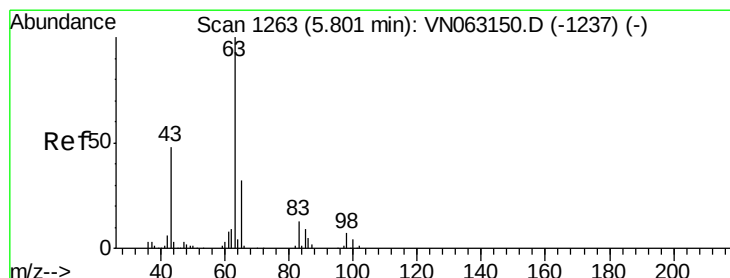
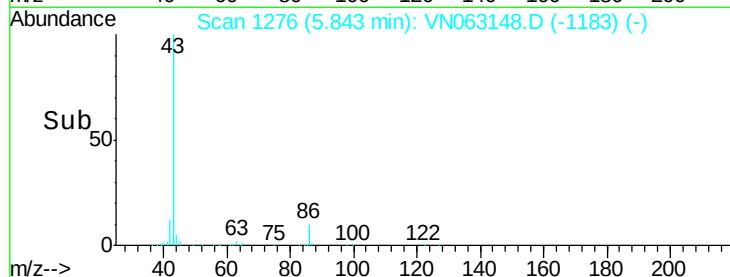
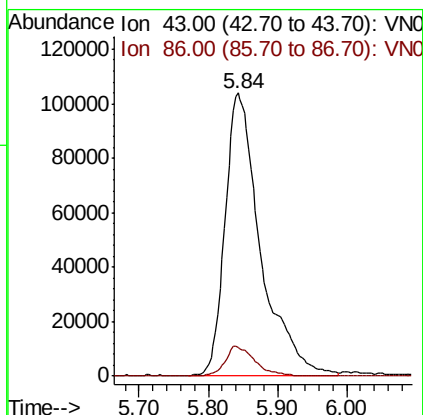
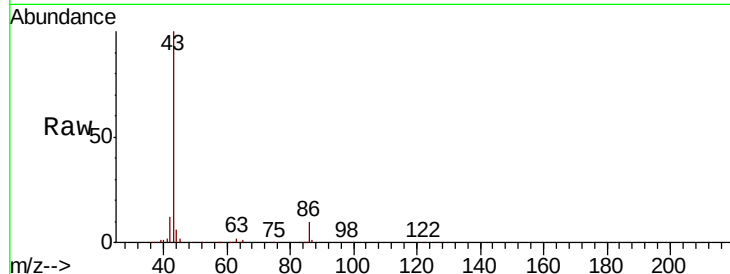




#23
 Vinyl Acetate
 Concen: 34.910 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

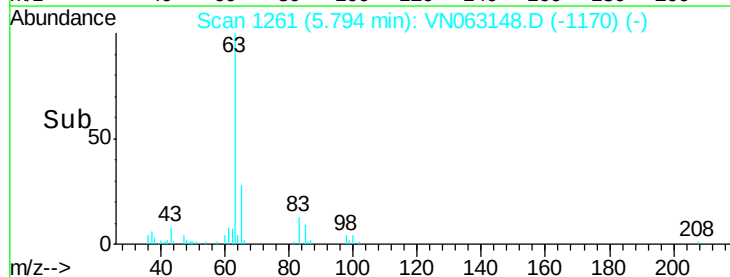
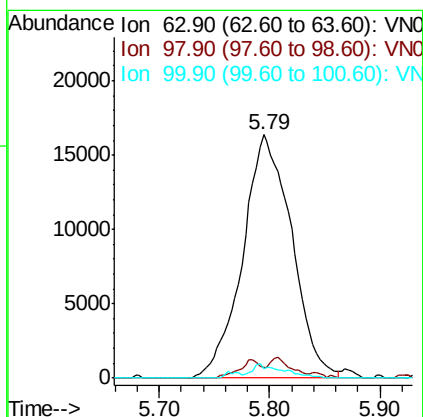
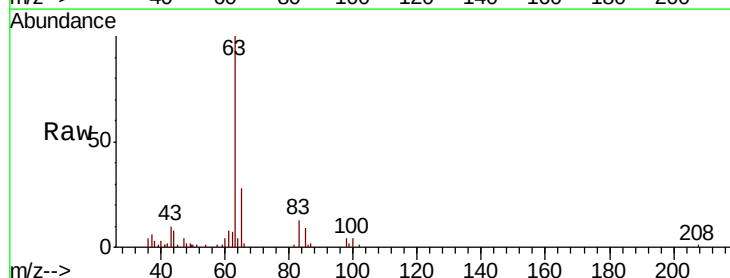
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

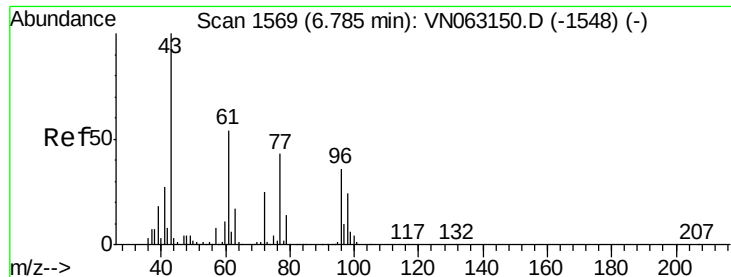
Tot Ion: 43 Resp: 372283
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 5.475 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Tgt Ion: 63 Resp: 50425
 Ion Ratio Lower Upper
 63 100
 98 4.3 3.4 10.1
 100 3.6 2.3 6.8

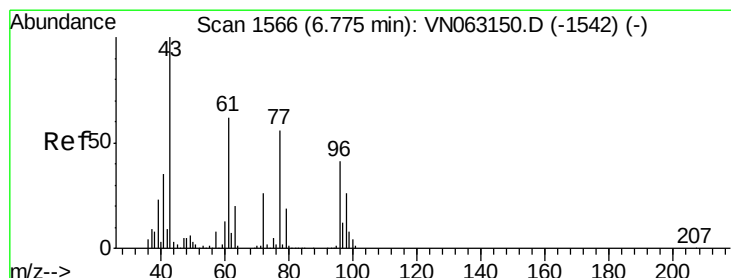
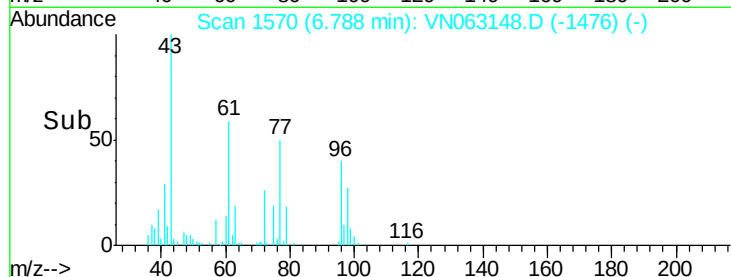
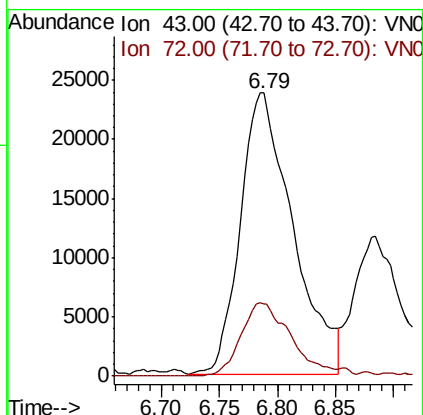
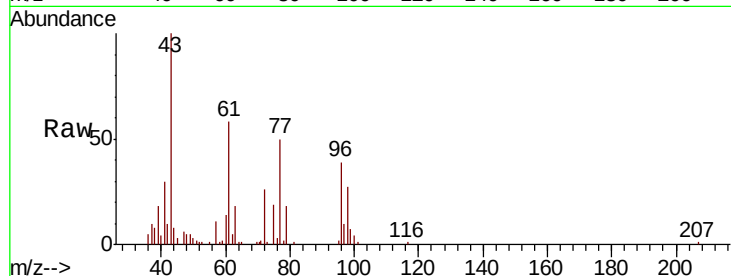




#25
2-Butanone
Concen: 33.520 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

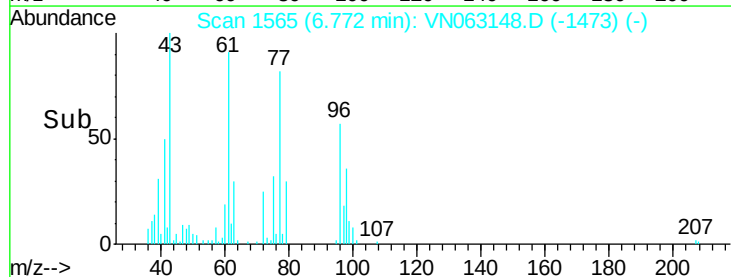
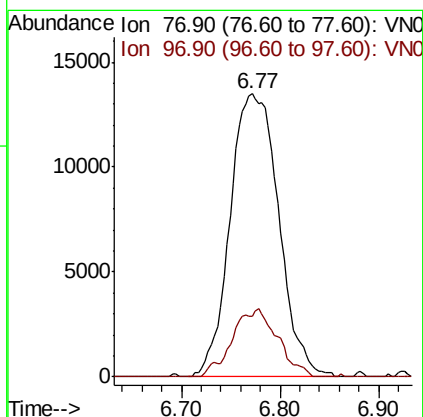
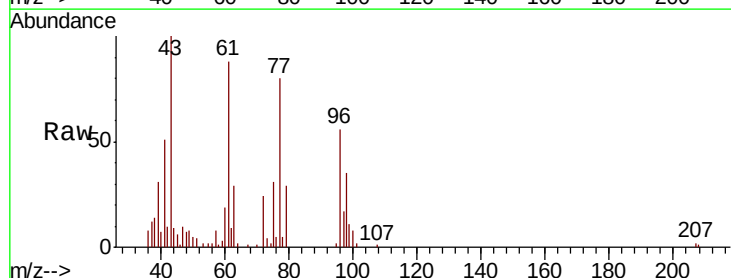
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

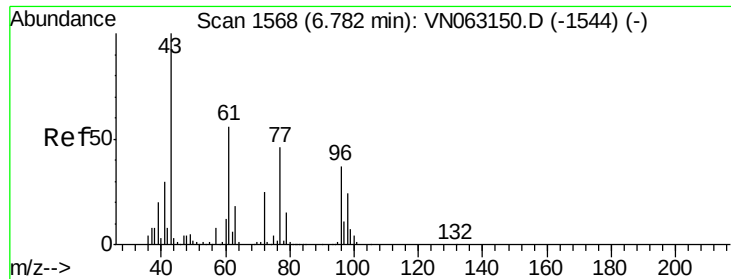
Tot Ion: 43 Resp: 74618
Ion Ratio Lower Upper
43 100
72 25.9 20.2 30.4



#26
2,2-Dichloropropane
Concen: 6.299 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion: 77 Resp: 46127
Ion Ratio Lower Upper
77 100
97 22.5 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 5.943 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

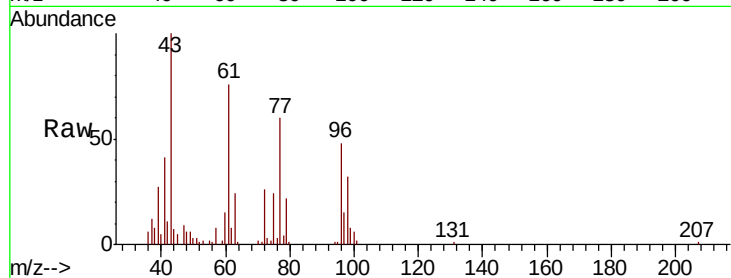
Tot Ion: 96 Resp: 30988

Ion Ratio Lower Upper

96 100

61 155.6 0.0 303.2

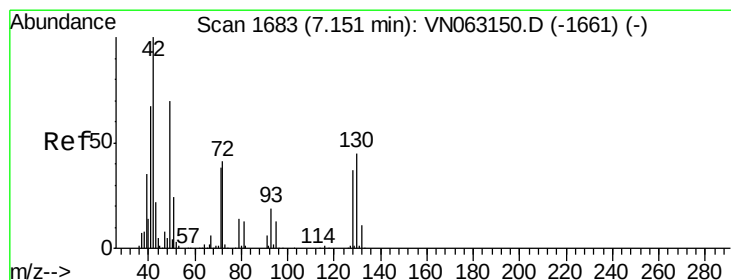
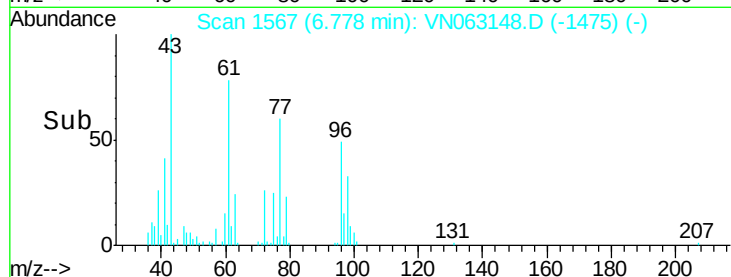
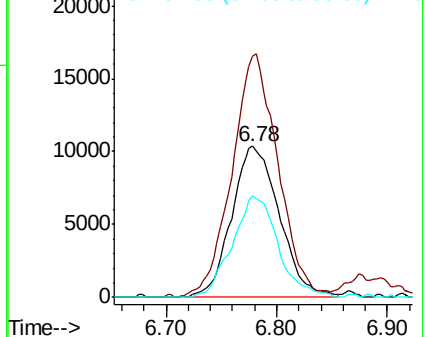
98 64.5 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN063148.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN063148.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN063148.D (-1475) (-)



#28

Bromochloromethane

Concen: 6.338 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

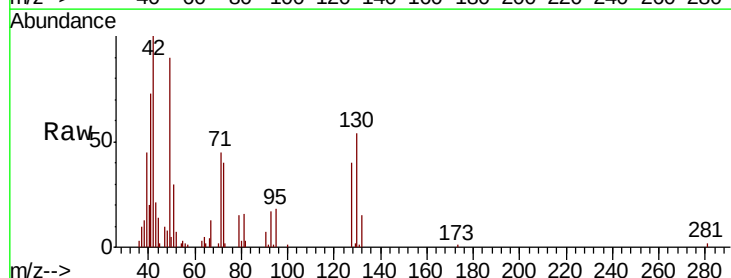
Tgt Ion: 49 Resp: 26898

Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.0

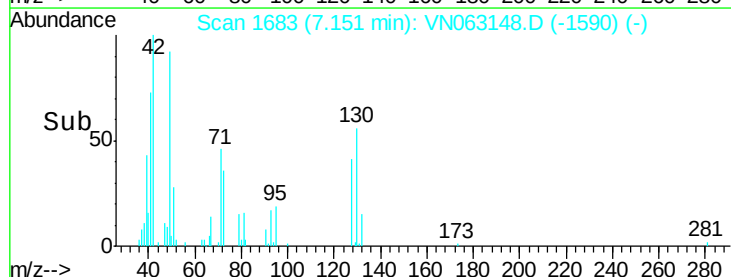
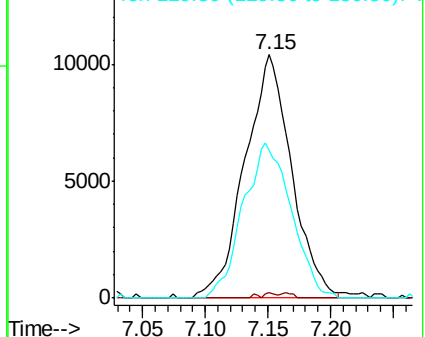
130 65.8 54.4 81.6

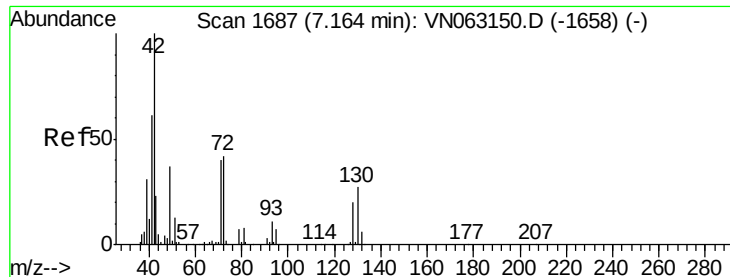


Abundance Ion 48.90 (48.60 to 49.60): VN063148.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063148.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063148.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 34.739 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

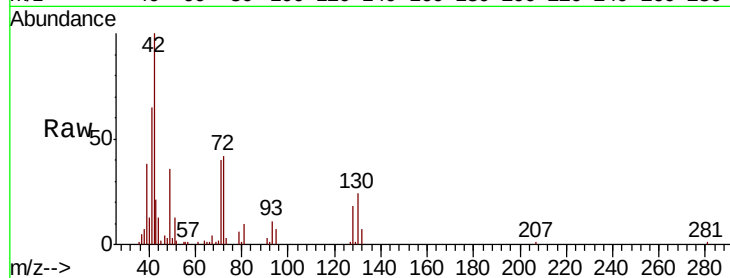
Tot Ion: 42 Resp: 49222

Ion Ratio Lower Upper

42 100

72 43.1 33.9 50.9

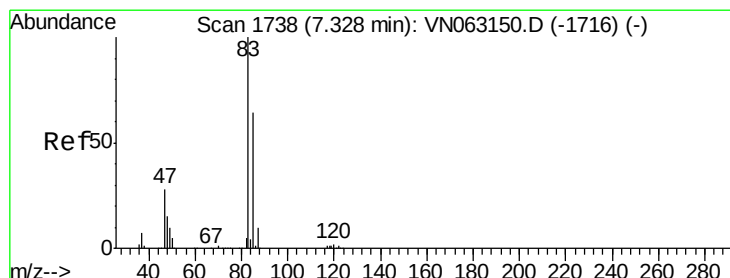
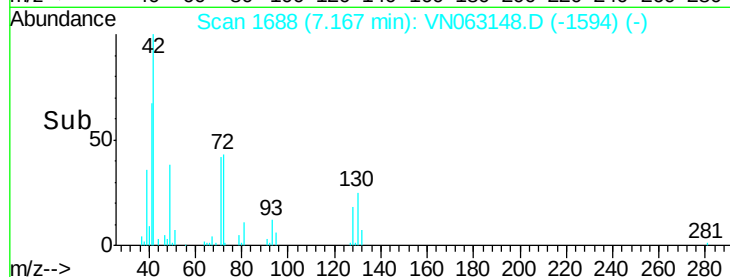
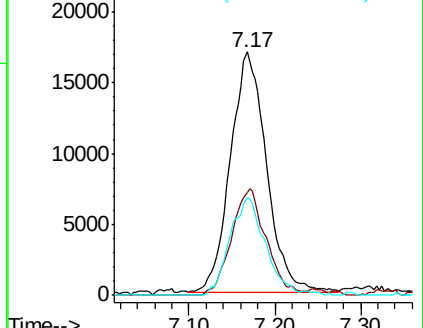
71 39.7 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN063148.D (-1658) (-)

Ion 72.00 (71.70 to 72.70): VN063148.D (-1658) (-)

Ion 71.00 (70.70 to 71.70): VN063148.D (-1658) (-)



#30

Chloroform

Concen: 5.802 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063148.D

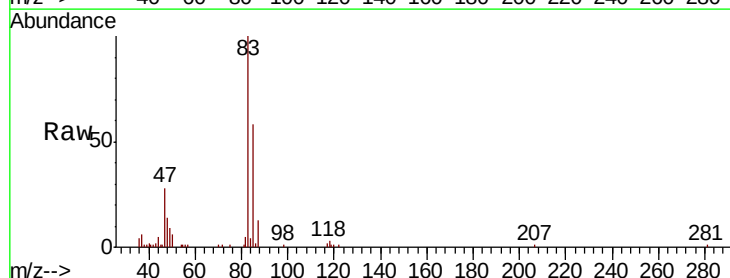
Acq: 31 Aug 2020 13:21

Tgt Ion: 83 Resp: 54923

Ion Ratio Lower Upper

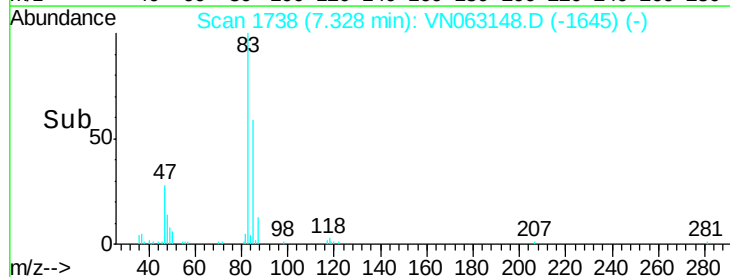
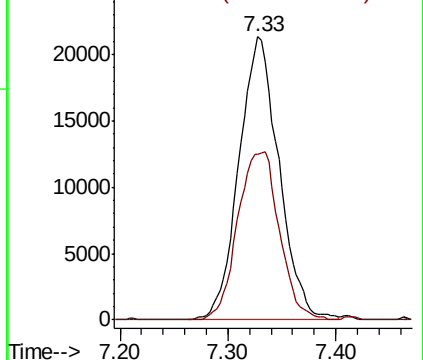
83 100

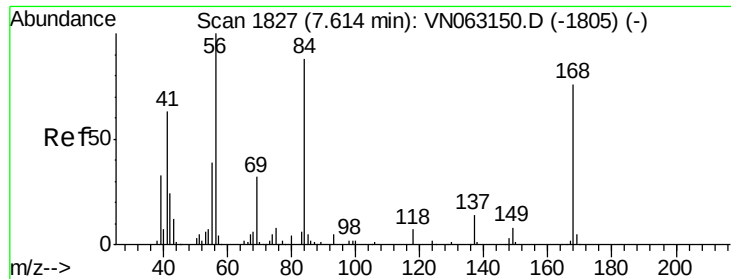
85 58.4 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN063148.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN063148.D (-1645) (-)

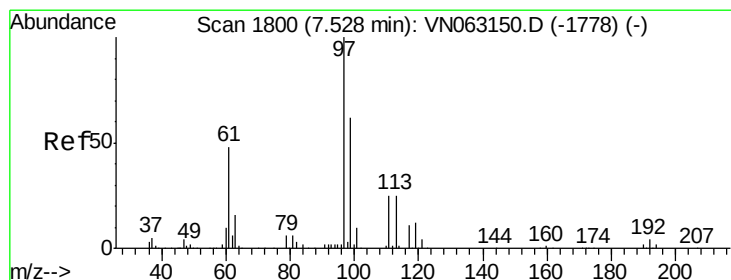
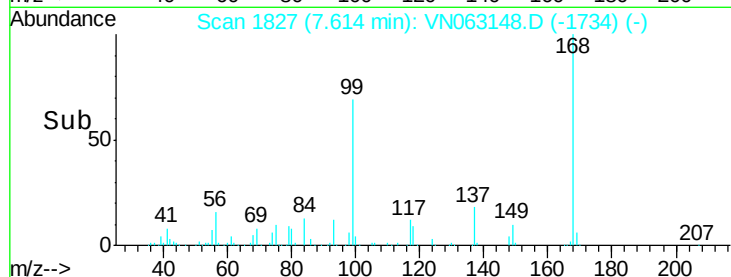
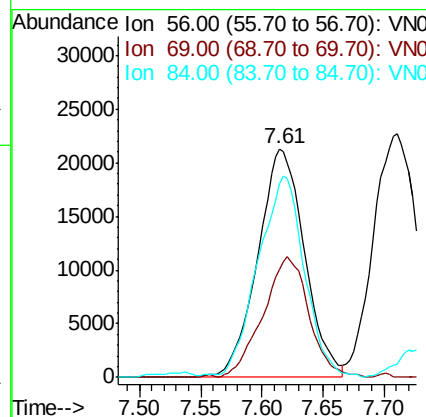
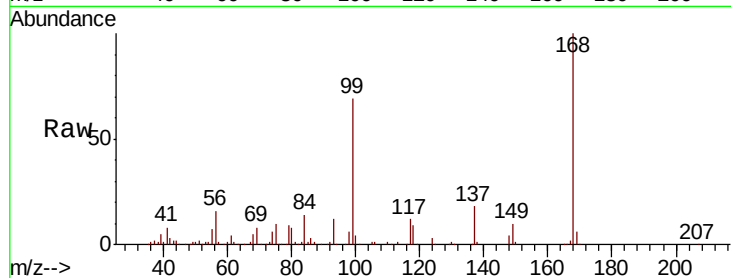




#31
Cyclohexane
Concen: 6.589 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

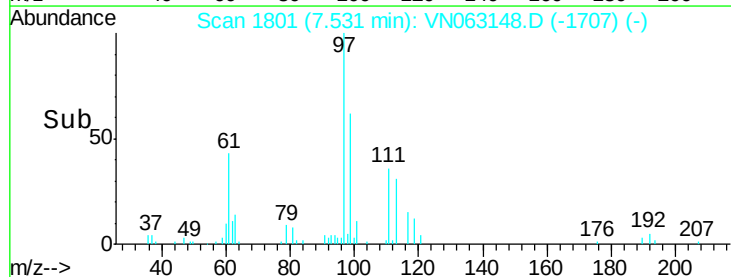
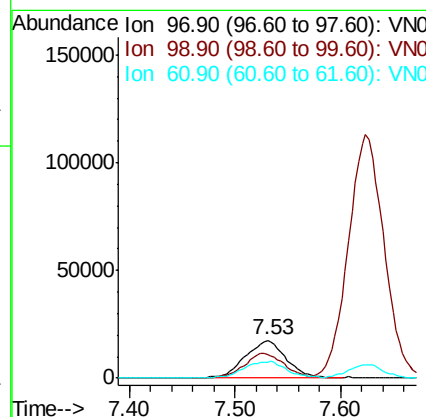
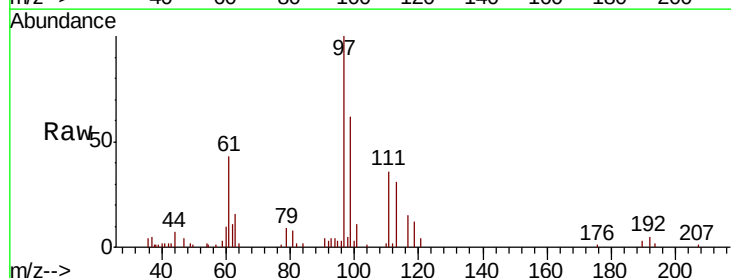
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

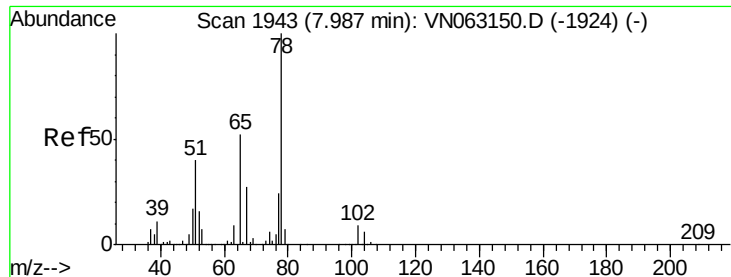
Tot Ion: 56 Resp: 56718
Ion Ratio Lower Upper
56 100
69 47.1 25.4 38.0#
84 83.2 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 5.701 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion: 97 Resp: 46922
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 46.7 37.4 56.2

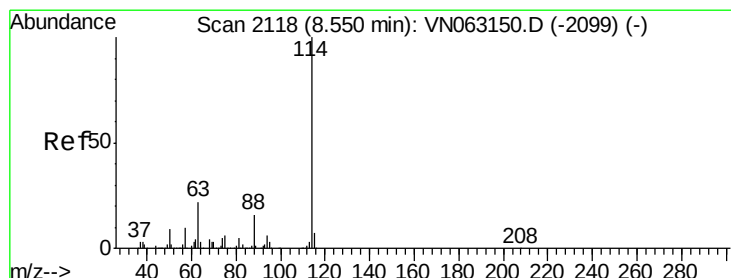
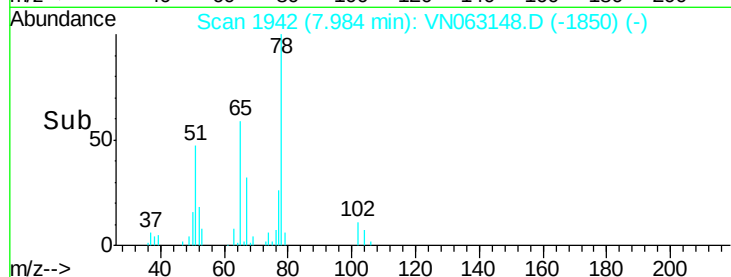
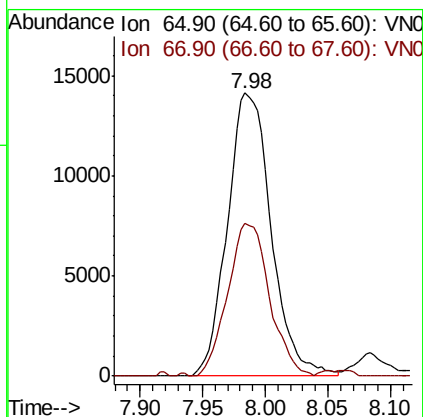
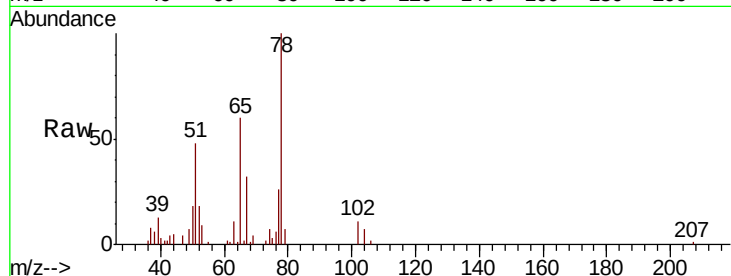




#33
 1,2-Dichloroethane-d4
 Concen: 5.945 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

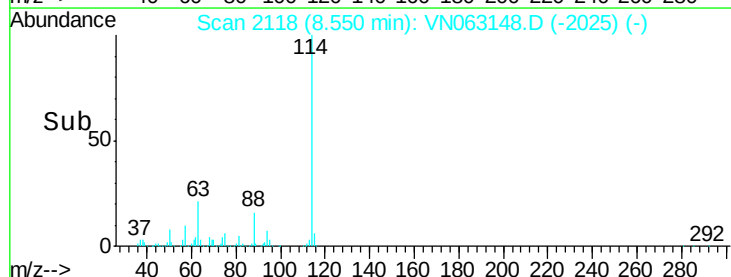
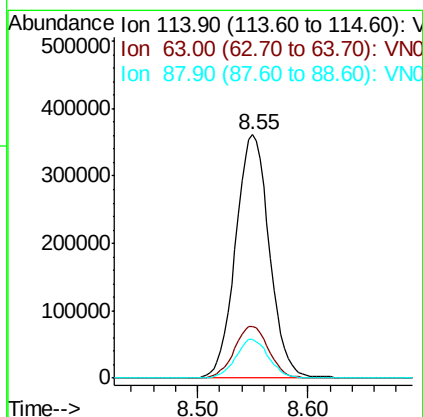
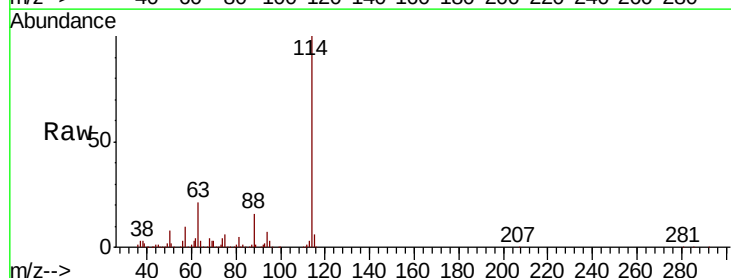
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

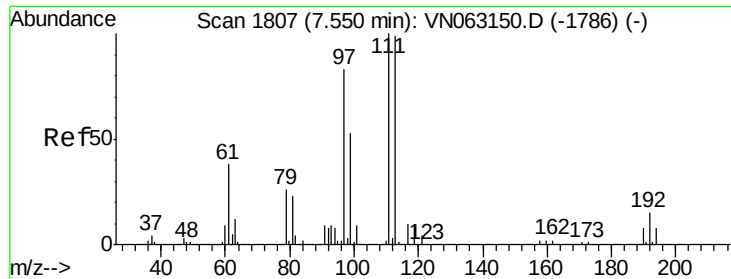
Tot Ion: 65 Resp: 34284
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Tgt Ion: 114 Resp: 766443
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 15.7 0.0 31.6

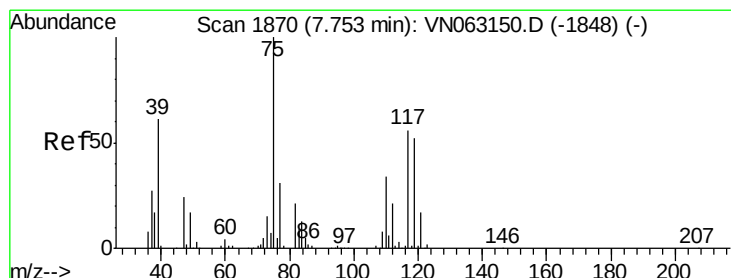
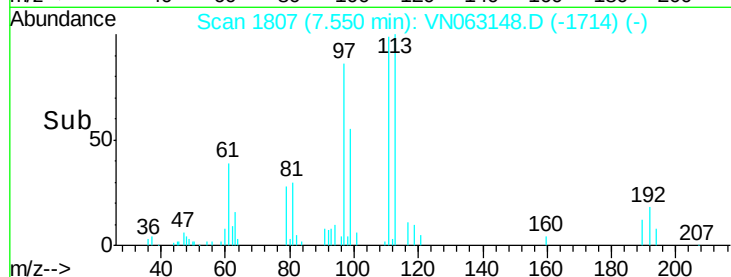
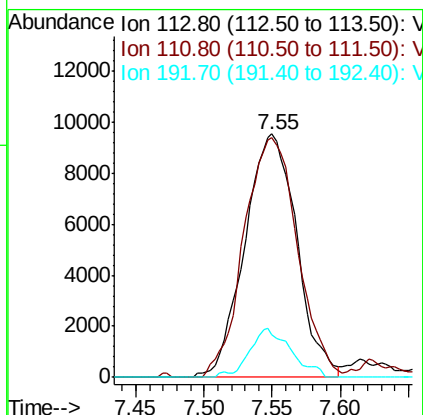
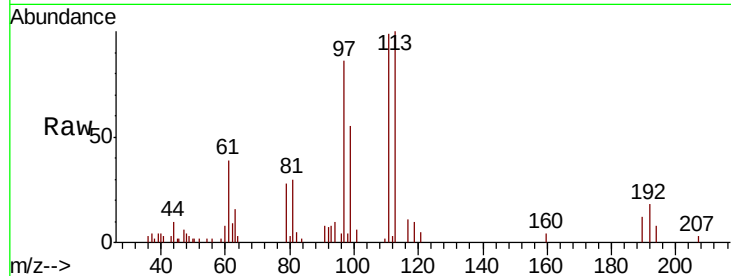




#35
 Dibromofluoromethane
 Concen: 4.061 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

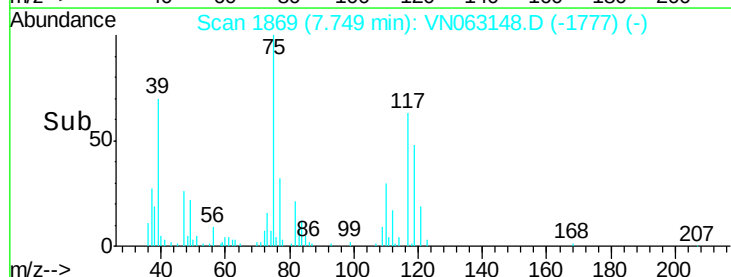
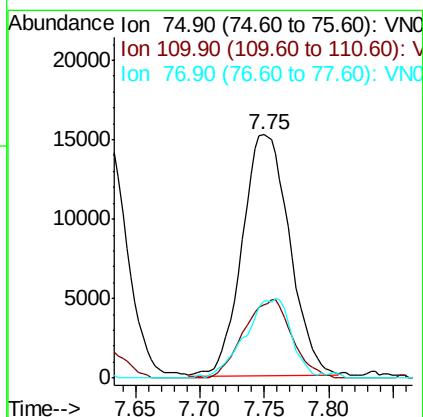
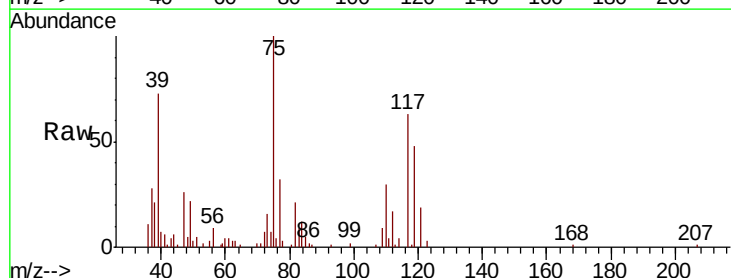
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

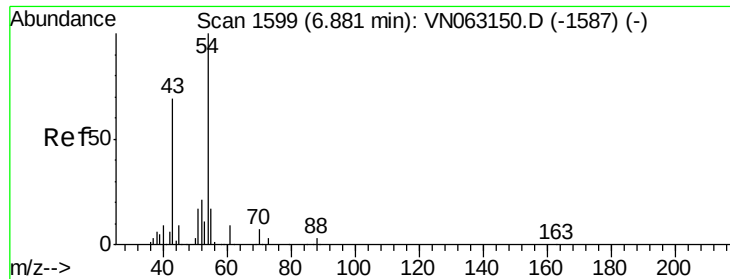
Tot Ion:113 Resp: 25171
 Ion Ratio Lower Upper
 113 100
 111 101.6 80.7 121.1
 192 15.6 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 4.625 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Tgt Ion: 75 Resp: 38743
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.6 49.8
 77 32.1 25.4 38.2

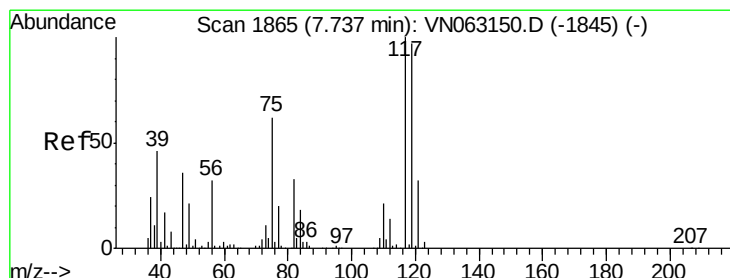
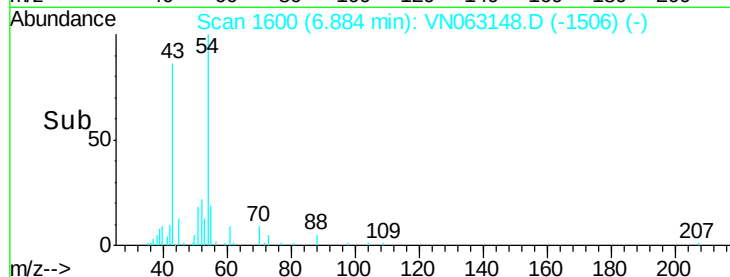
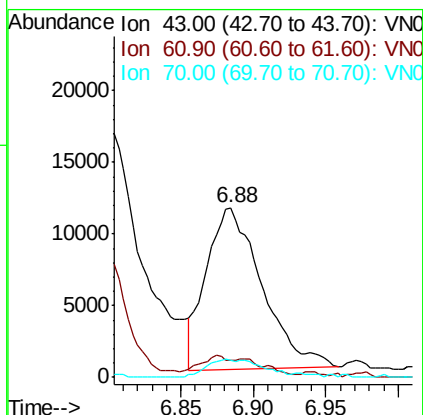
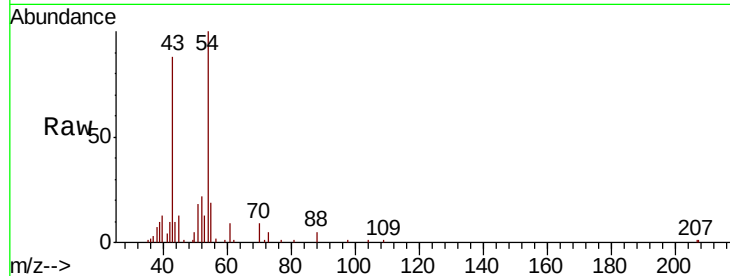




#37
Ethyl Acetate
Concen: 4.983 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

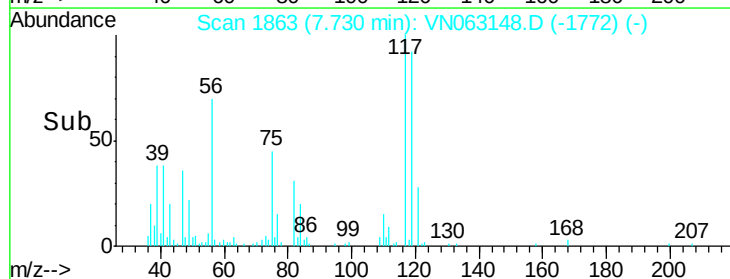
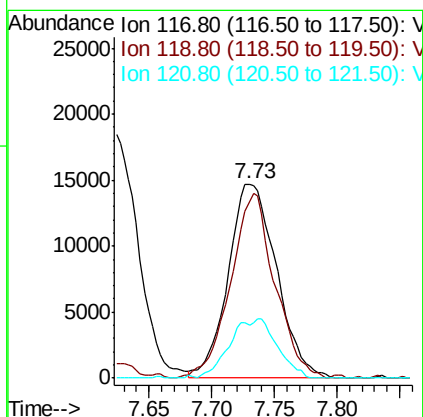
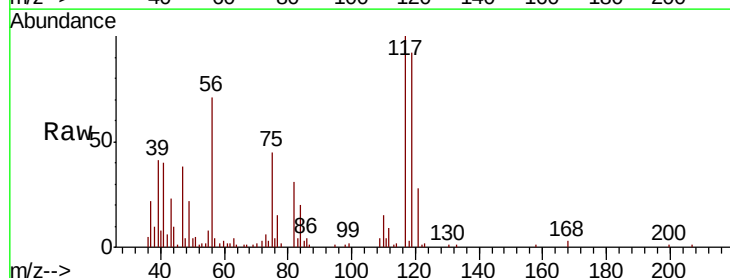
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

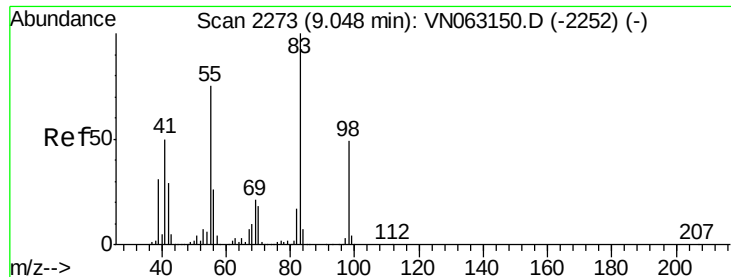
Tot Ion: 43 Resp: 30328
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.4#
70 5.7 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 4.385 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion: 117 Resp: 39395
Ion Ratio Lower Upper
117 100
119 89.9 77.2 115.8
121 27.6 25.6 38.4

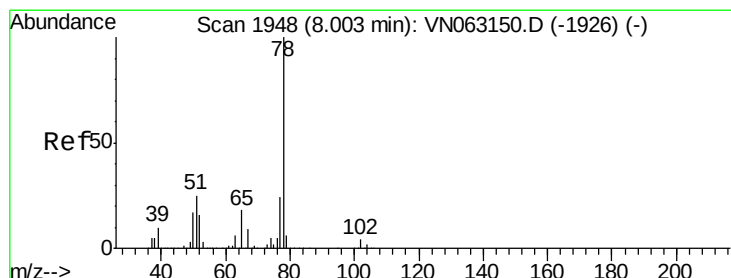
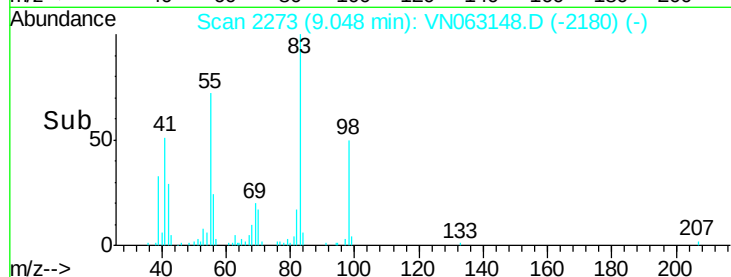
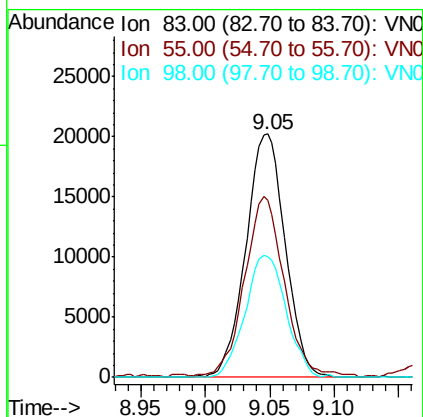
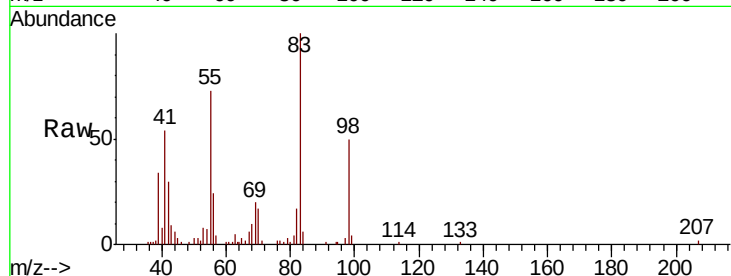




#39
Methylvlcyclohexane
Concen: 4.905 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

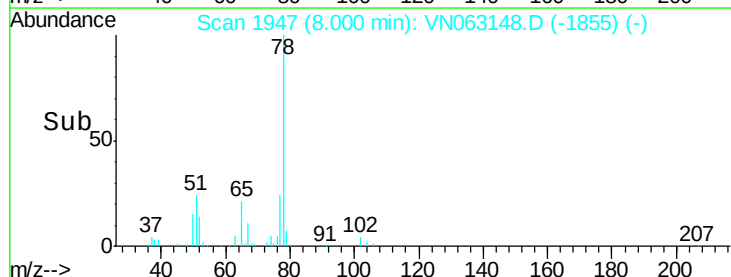
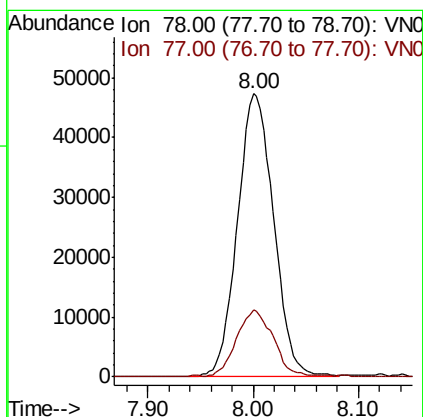
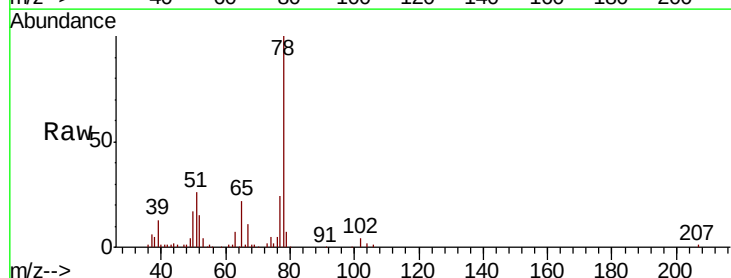
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

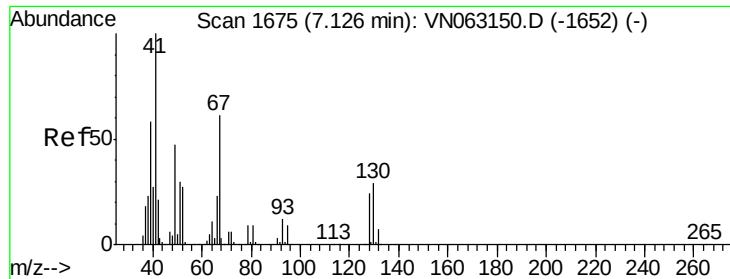
Tot Ion: 83 Resp: 42983
Ion Ratio Lower Upper
83 100
55 71.9 60.3 90.5
98 49.7 38.9 58.3



#40
Benzene
Concen: 4.429 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion: 78 Resp: 113183
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

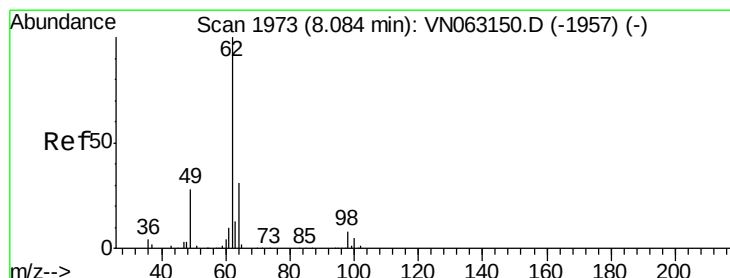
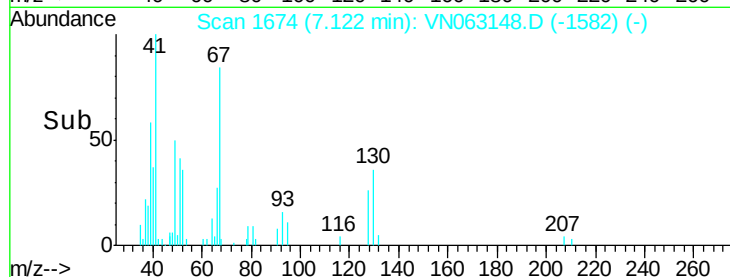
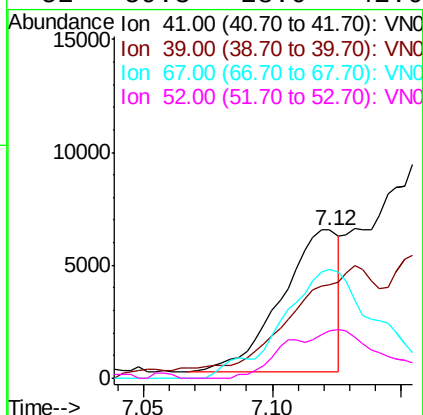
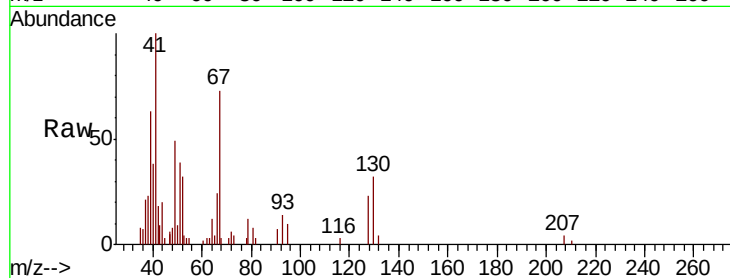




#41
Methacrylonitrile
Concen: 3.194 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

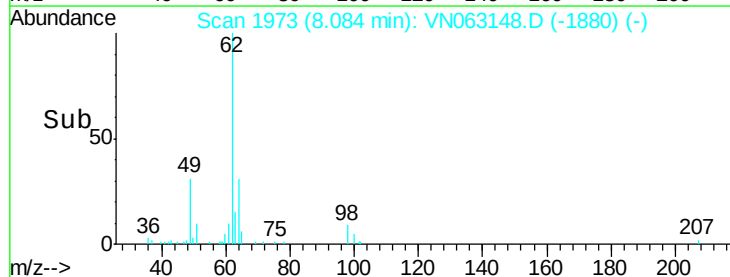
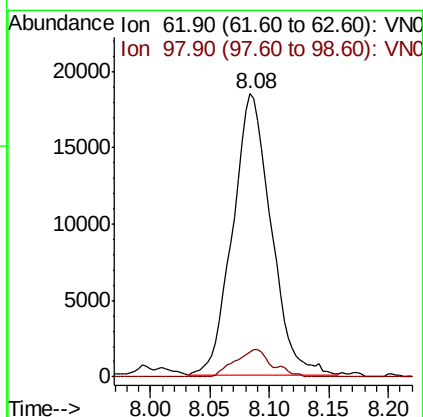
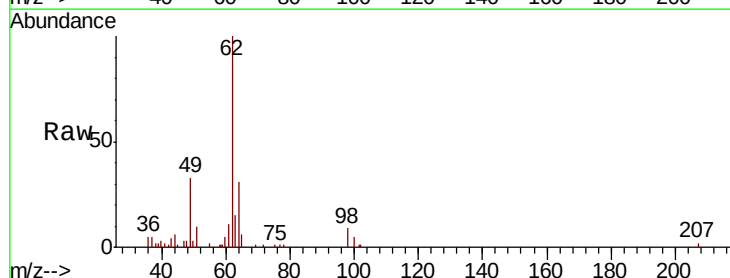
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

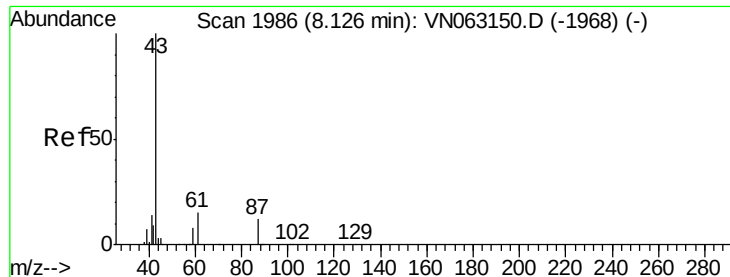
Tot Ion:	41	Resp:	9666
Ion	Ratio	Lower	Upper
41	100		
39	116.7	46.6	70.0#
67	133.8	62.6	94.0#
52	59.3	28.0	42.0#



#42
1,2-Dichloroethane
Concen: 4.730 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion:	62	Resp:	40864
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 5.685 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

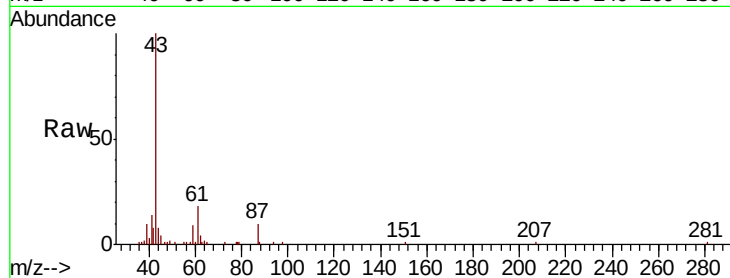
Tot Ion: 43 Resp: 60566

Ion Ratio Lower Upper

43 100

61 17.3 20.2 30.4#

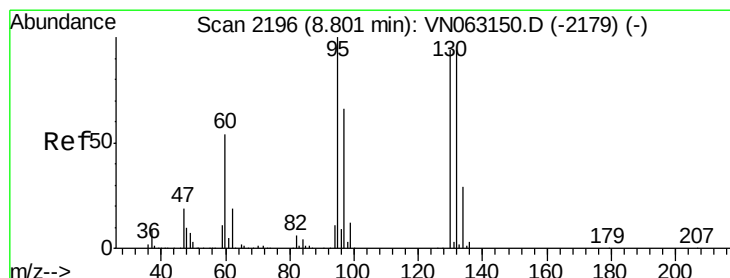
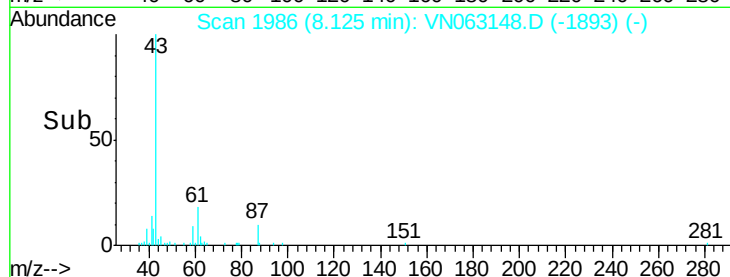
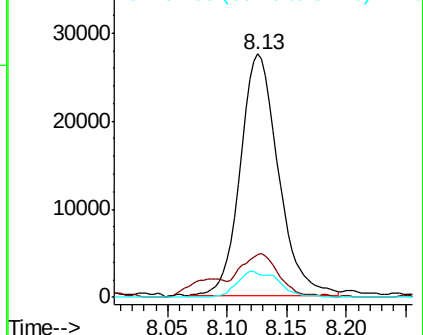
87 11.8 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063148.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN063148.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN063148.D (-1968) (-)



#44

Trichloroethene

Concen: 4.062 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN063148.D

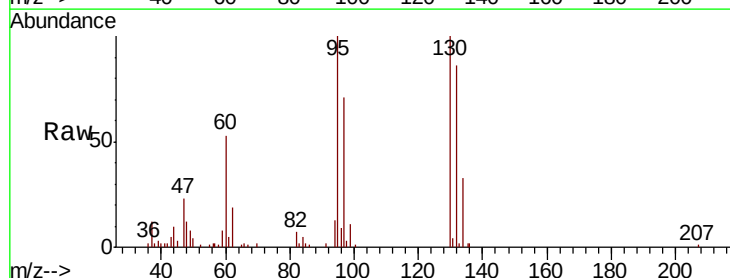
Acq: 31 Aug 2020 13:21

Tgt Ion:130 Resp: 26962

Ion Ratio Lower Upper

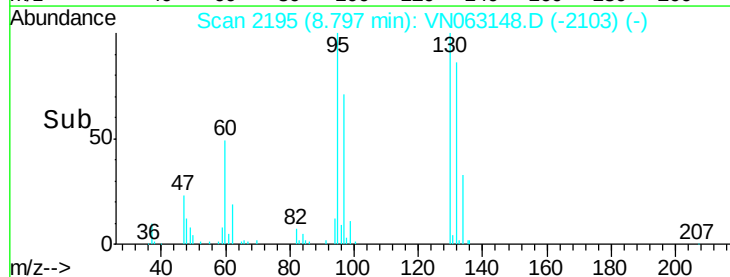
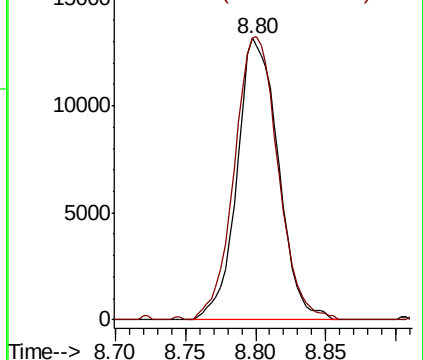
130 100

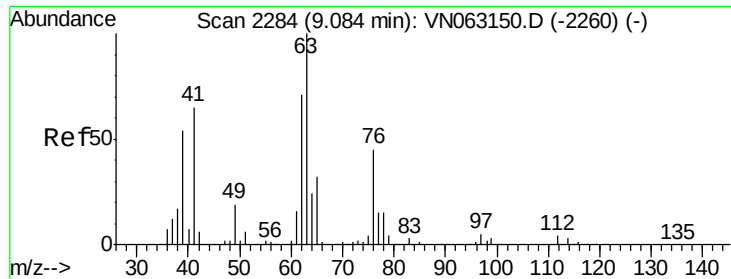
95 99.8 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063148.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063148.D (-2103) (-)

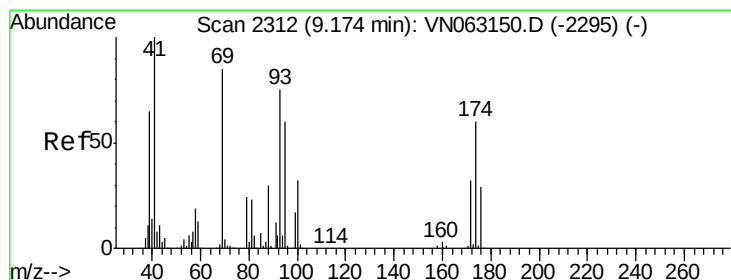
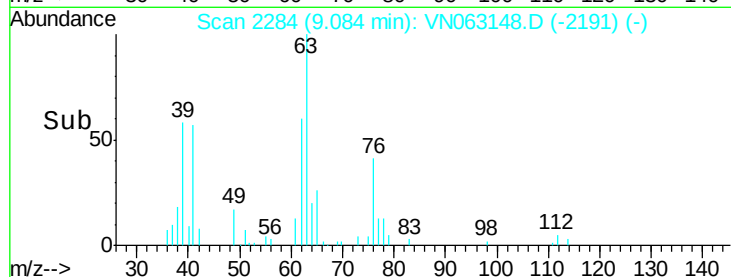
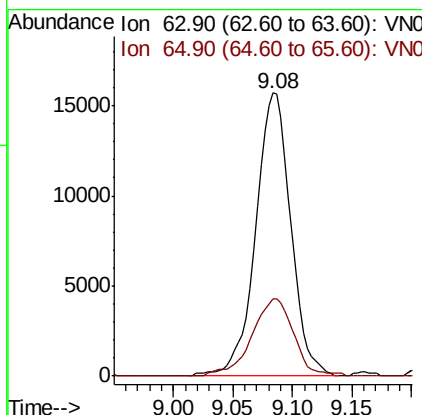
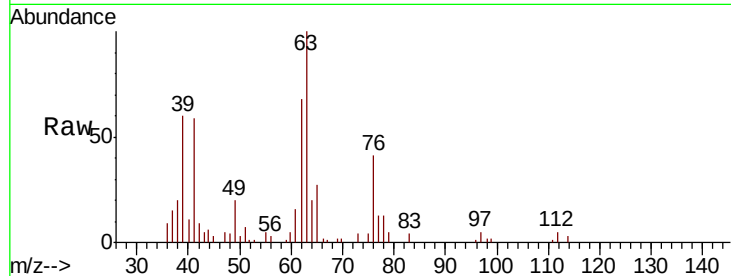




#45
 1,2-Dichloropropane
 Concen: 4.671 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

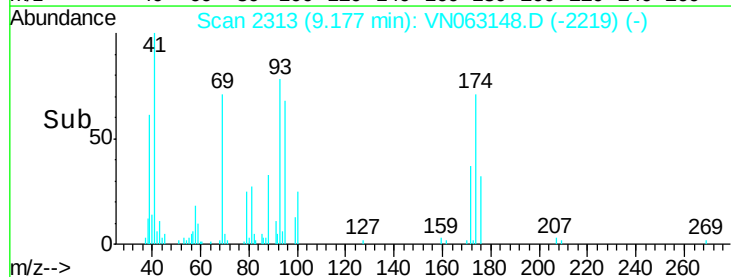
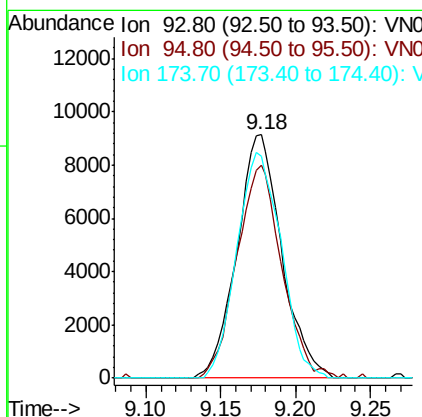
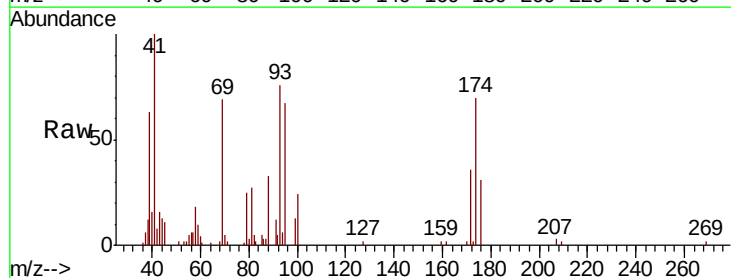
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

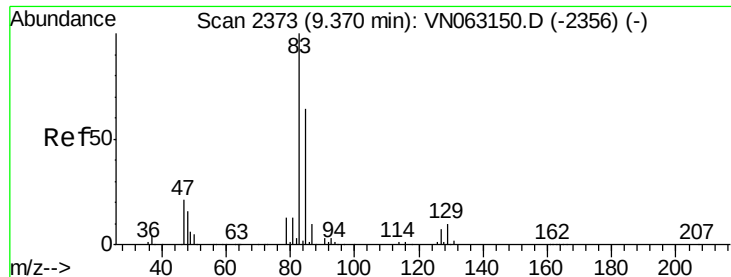
Tot Ion: 63 Resp: 32122
 Ion Ratio Lower Upper
 63 100
 65 27.3 25.4 38.0



#46
 Dibromomethane
 Concen: 4.410 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Tgt Ion: 93 Resp: 19043
 Ion Ratio Lower Upper
 93 100
 95 88.0 65.2 97.8
 174 91.7 64.6 97.0

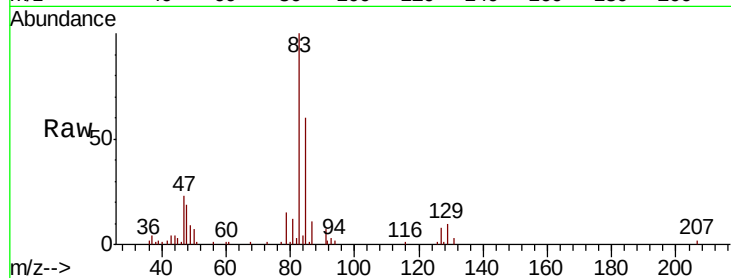




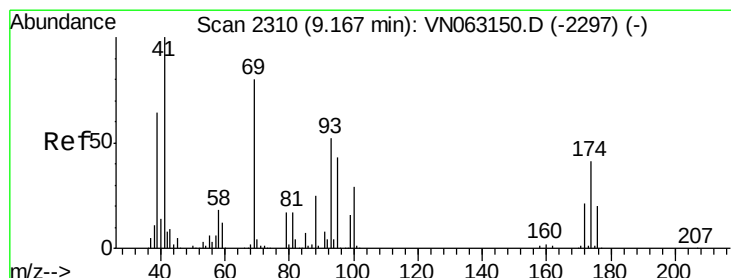
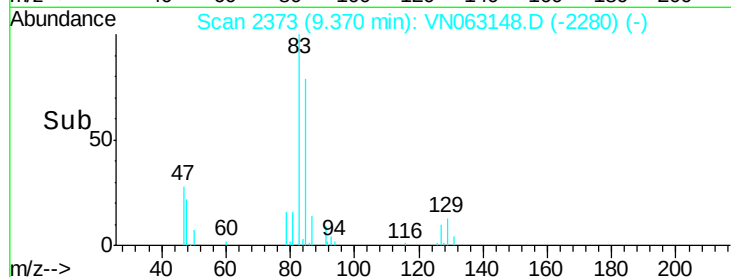
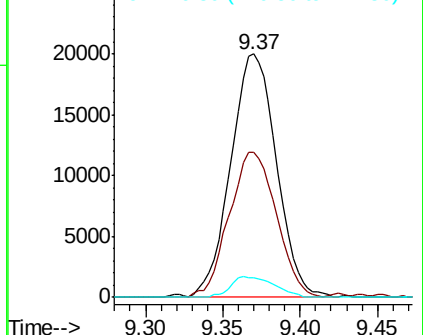
#47
Bromodichloromethane
Concen: 4.575 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 41035
Ion Ratio Lower Upper
83 100
85 59.6 51.0 76.6
127 7.9 5.7 8.5

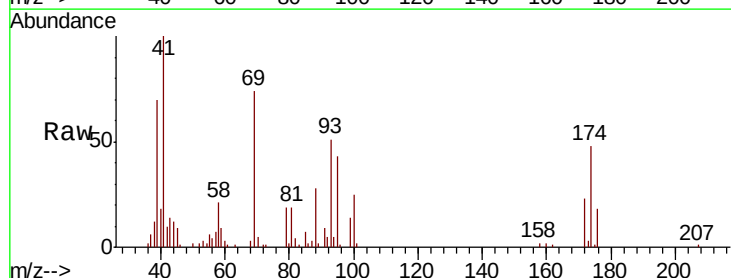


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

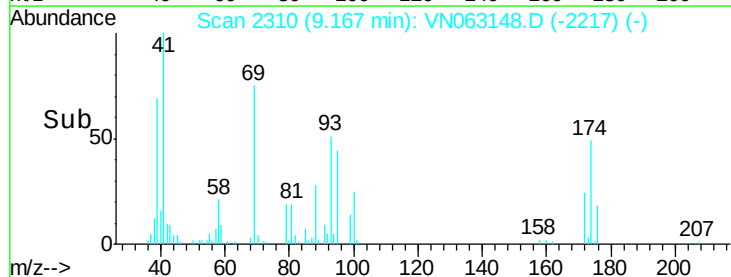
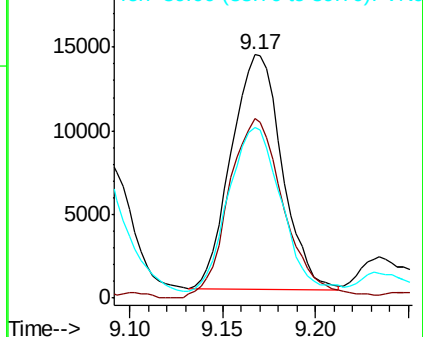


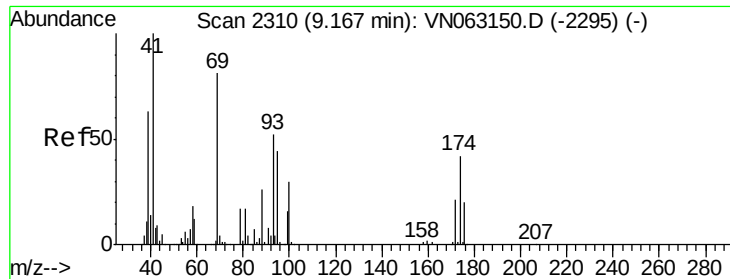
#48
Methyl methacrylate
Concen: 5.093 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion: 41 Resp: 26794
Ion Ratio Lower Upper
41 100
69 83.6 65.9 98.9
39 72.5 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

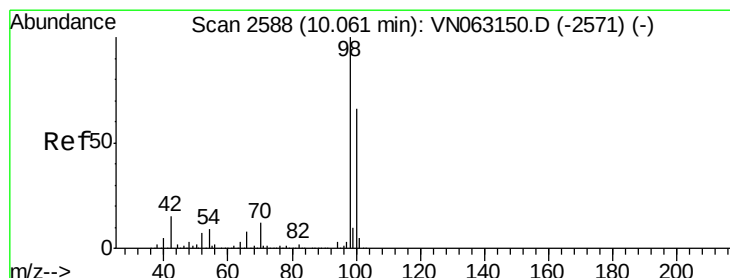
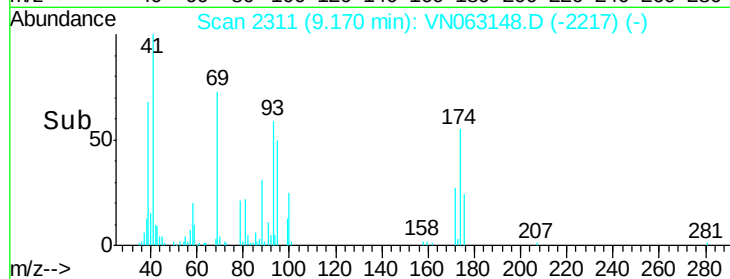
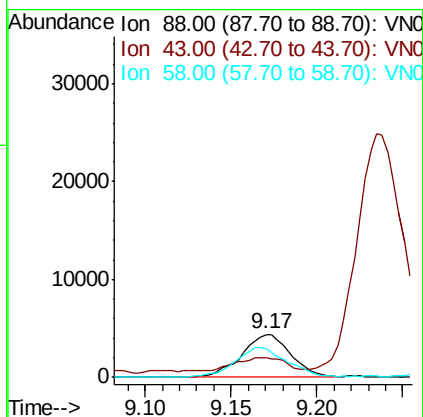
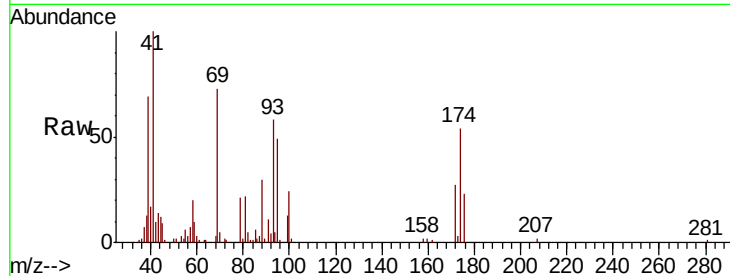




#49
1,4-Dioxane
Concen: 117.180 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

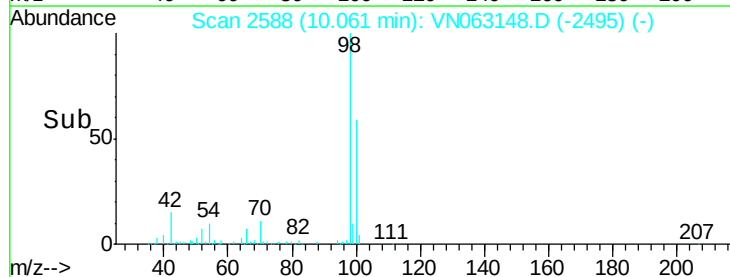
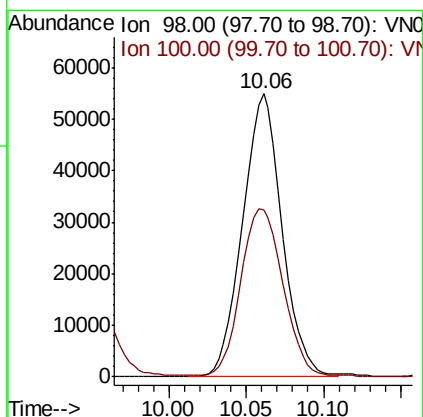
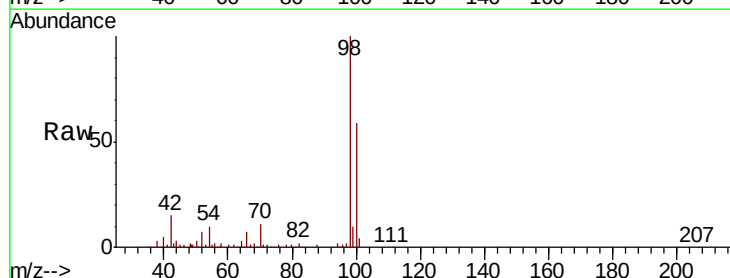
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

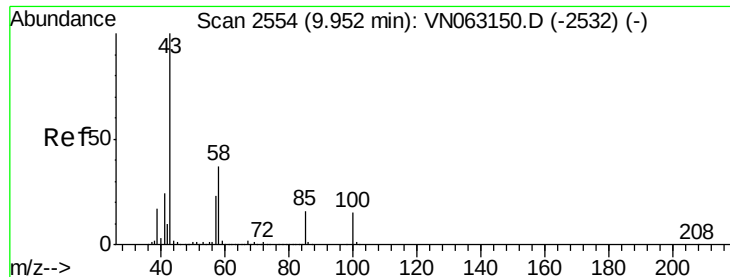
Tot Ion: 88 Resp: 8754
Ion Ratio Lower Upper
88 100
43 29.8 28.6 42.8
58 73.8 53.2 79.8



#50
Toluene-d8
Concen: 4.314 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion: 98 Resp: 97603
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 28.574 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

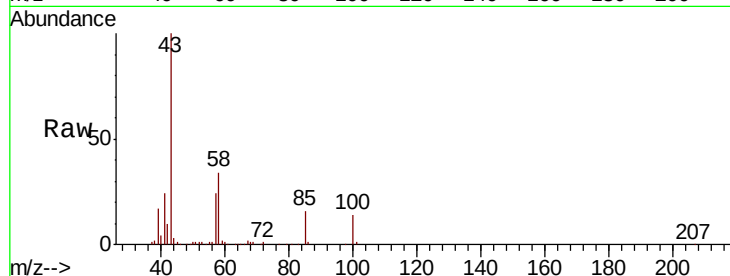
VSTDIC005

Tot Ion: 43 Resp: 169475

Ion Ratio Lower Upper

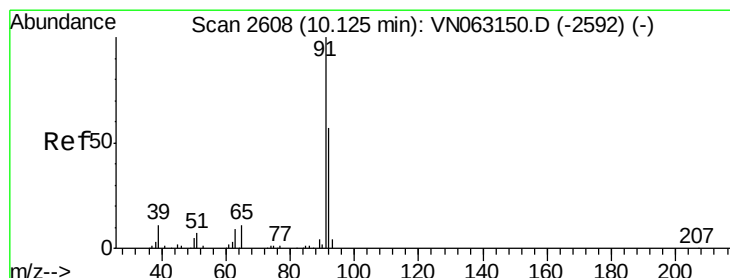
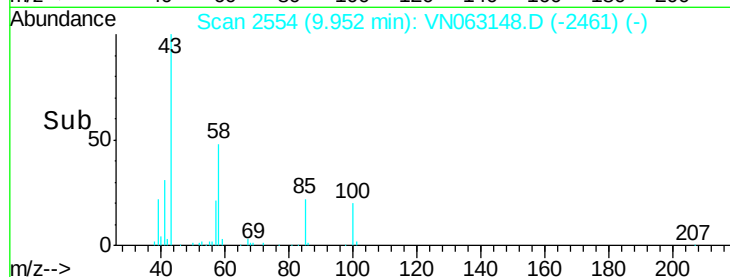
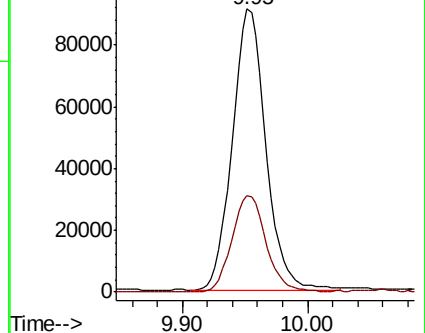
43 100

58 35.0 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2532) (-)



#52

Toluene

Concen: 4.457 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063148.D

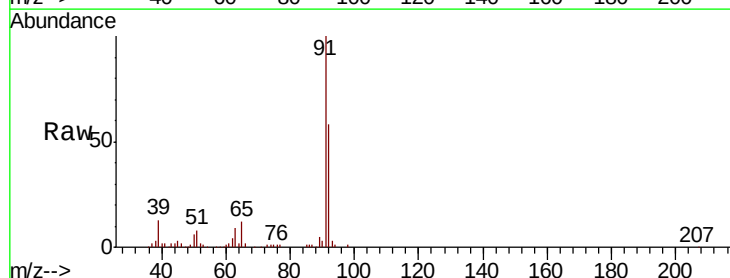
Acq: 31 Aug 2020 13:21

Tgt Ion: 92 Resp: 67773

Ion Ratio Lower Upper

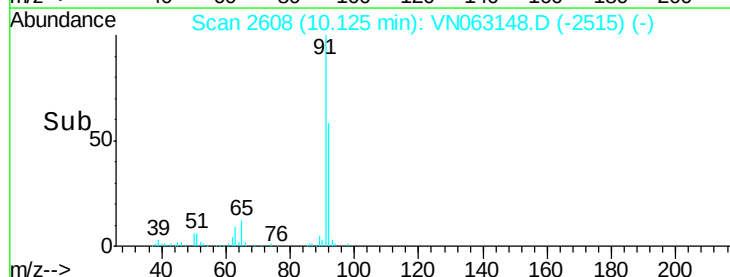
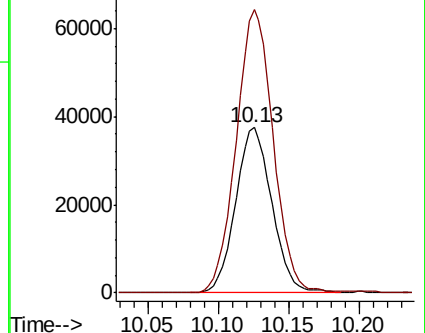
92 100

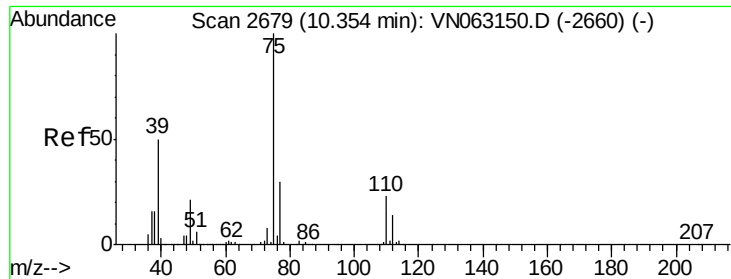
91 174.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063150.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063150.D (-2592) (-)





#53

t-1,3-Dichloropropene

Concen: 4.865 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampled :

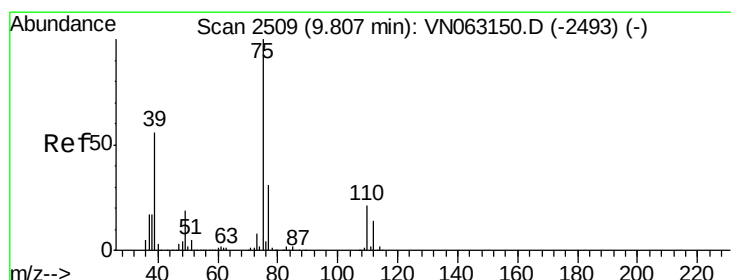
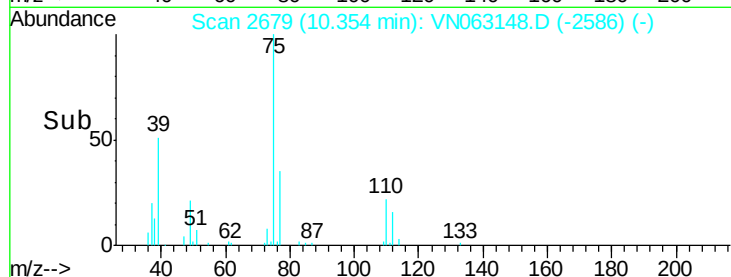
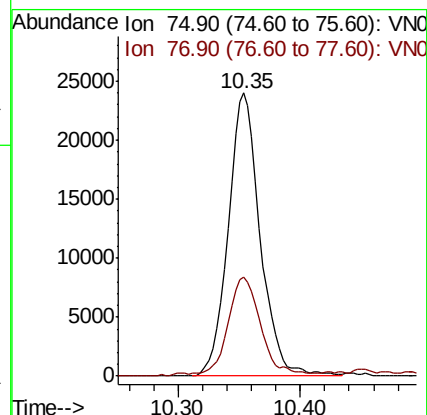
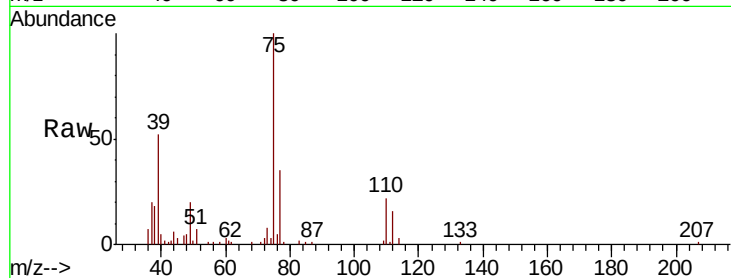
VSTDIC005

Tot Ion: 75 Resp: 43938

Ion Ratio Lower Upper

75 100

77 34.1 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 4.777 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

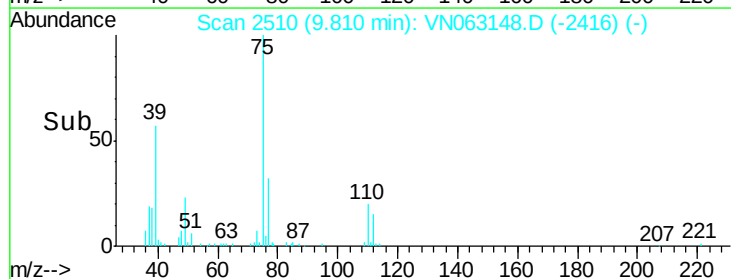
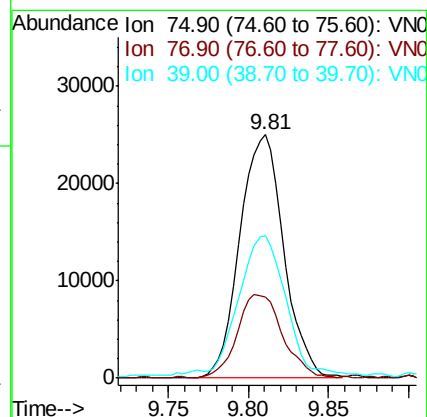
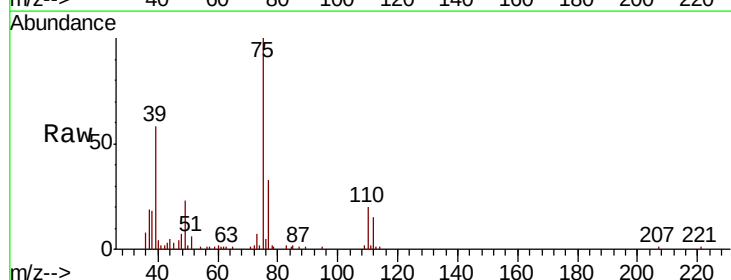
Tgt Ion: 75 Resp: 46927

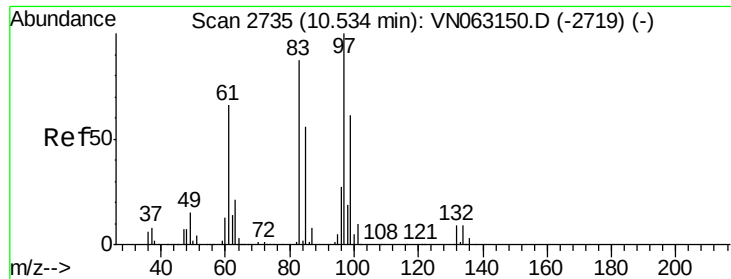
Ion Ratio Lower Upper

75 100

77 33.3 24.8 37.2

39 56.0 45.0 67.6

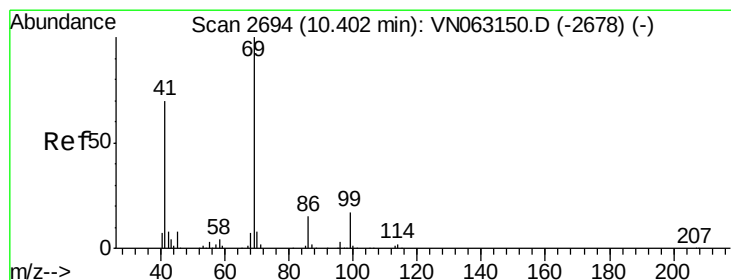
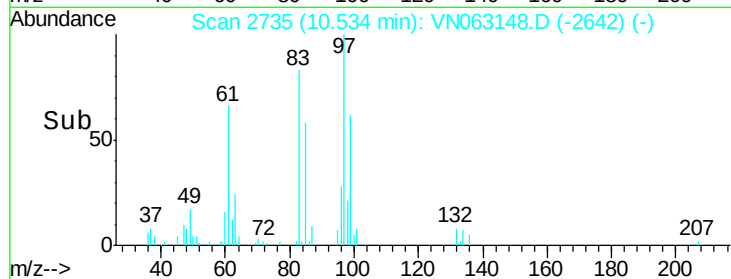
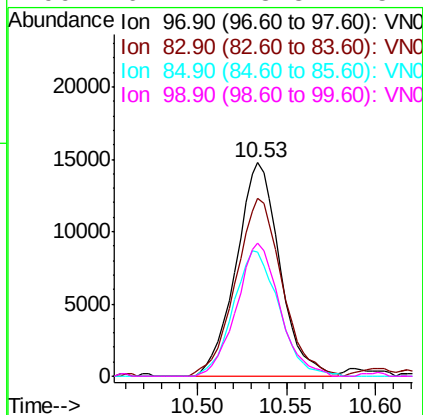
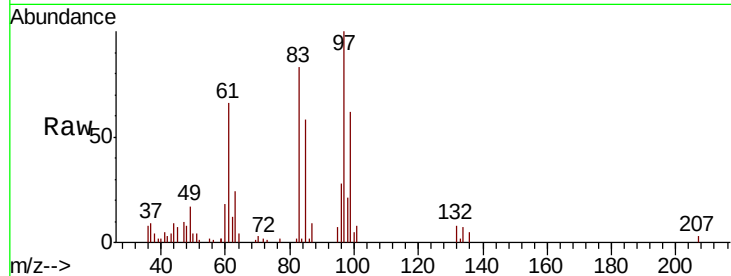




#55
 1,1,2-Trichloroethane
 Concen: 3.985 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

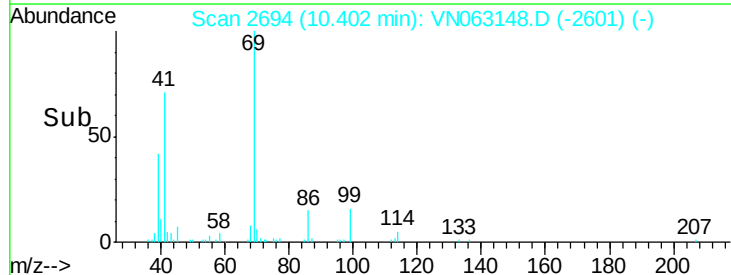
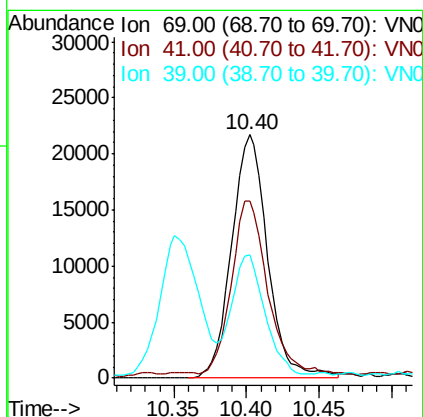
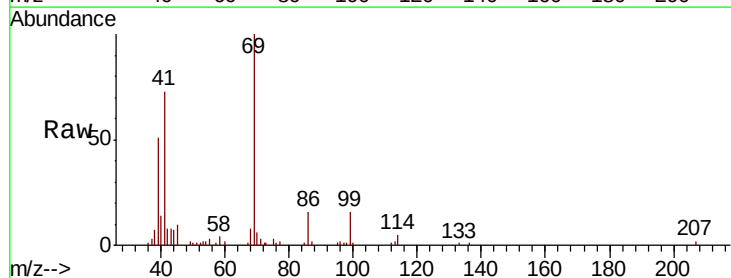
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

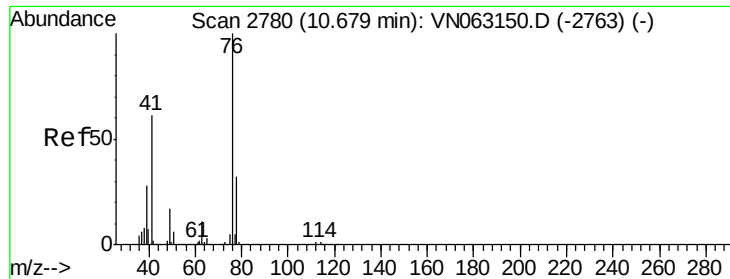
Tot Ion:	97	Resp:	25135
Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.8	104.8
85	58.4	44.9	67.3
99	62.4	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 4.971 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Tgt Ion:	69	Resp:	37464
Ion	Ratio	Lower	Upper
69	100		
41	71.9	55.5	83.3
39	45.4	38.2	57.2

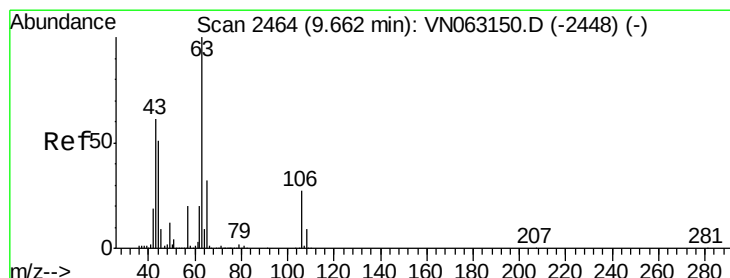
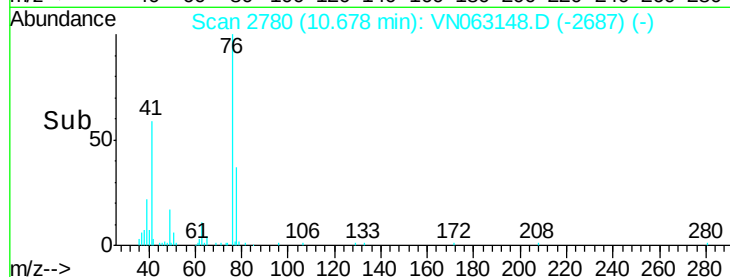
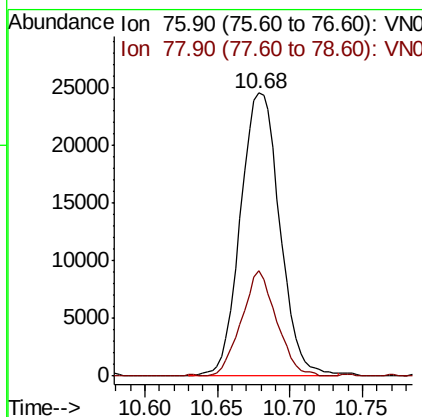
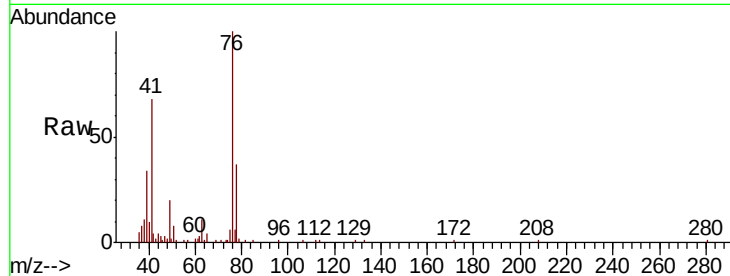




#57
 1,3-Dichloropropane
 Concen: 4.629 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

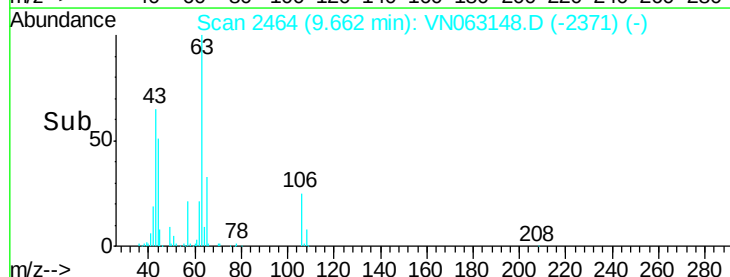
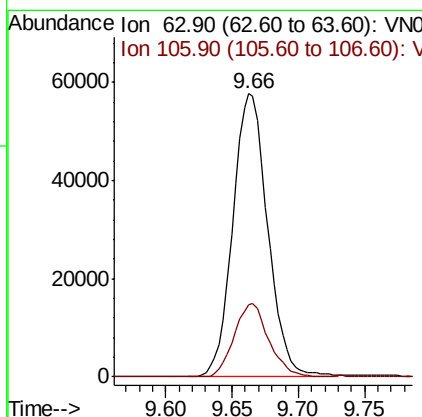
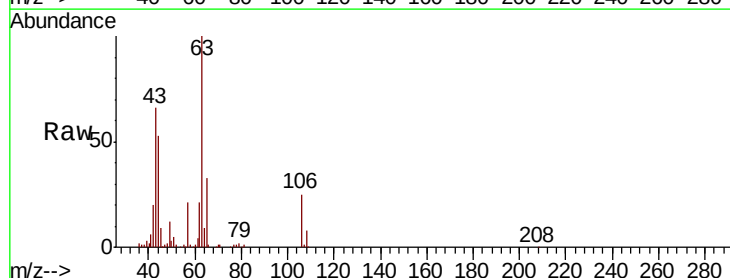
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

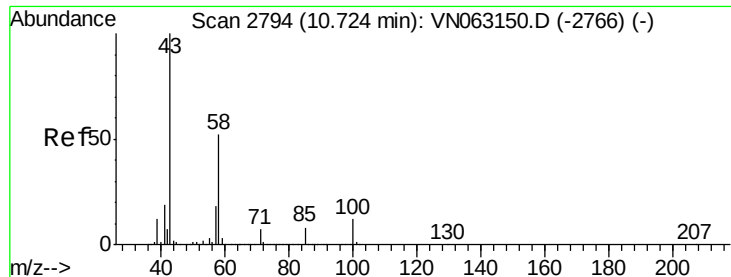
Tot Ion: 76 Resp: 46530
 Ion Ratio Lower Upper
 76 100
 78 33.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 30.185 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Tgt Ion: 63 Resp: 105462
 Ion Ratio Lower Upper
 63 100
 106 25.6 21.8 32.6

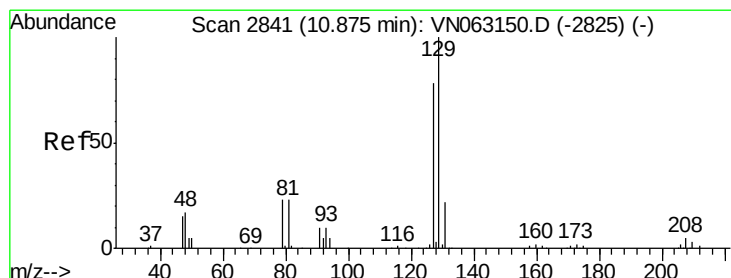
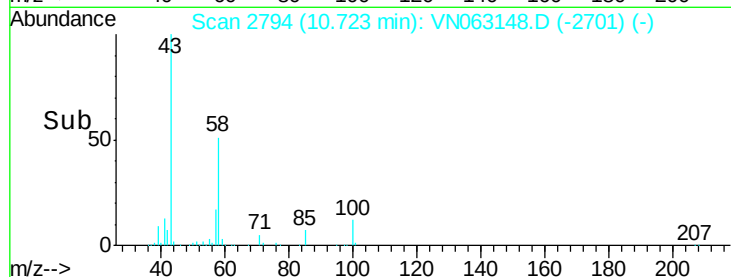
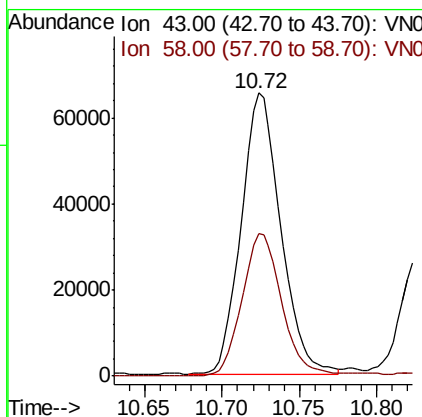
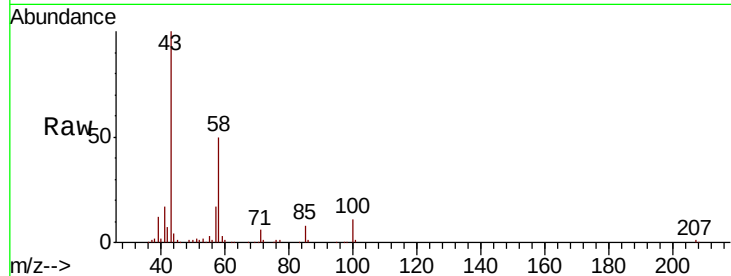




#59
2-Hexanone
Concen: 28.814 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

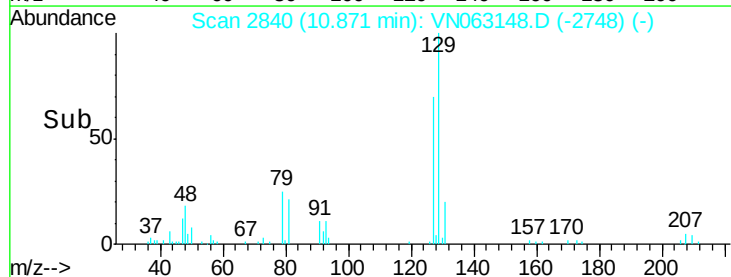
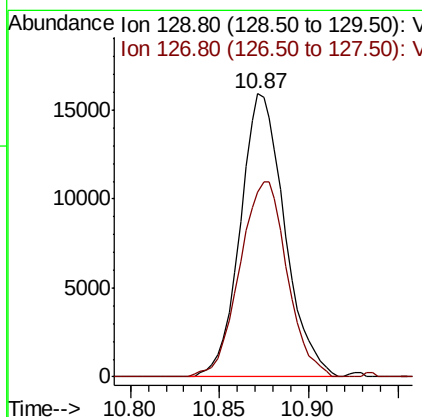
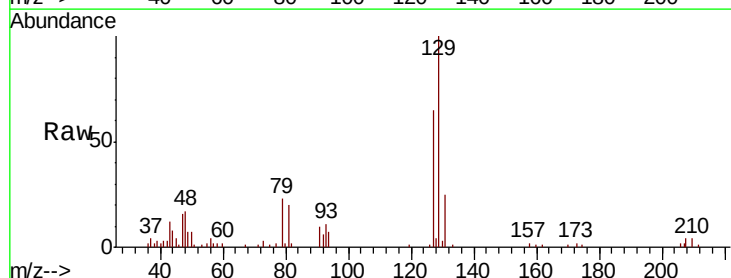
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

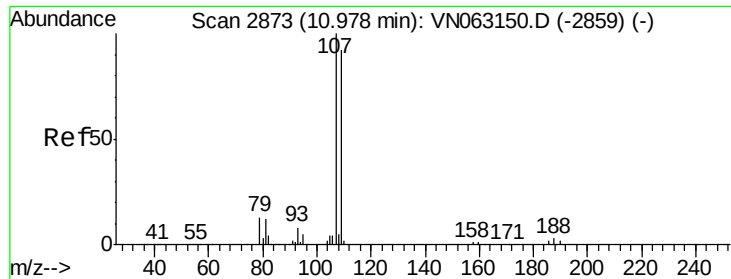
Tot Ion: 43 Resp: 115974
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.8



#60
Dibromochloromethane
Concen: 4.020 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion: 129 Resp: 27700
Ion Ratio Lower Upper
129 100
127 73.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 4.672 ug/l

RT: 10.98 min Scan# 2874

Delta R.T. 0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

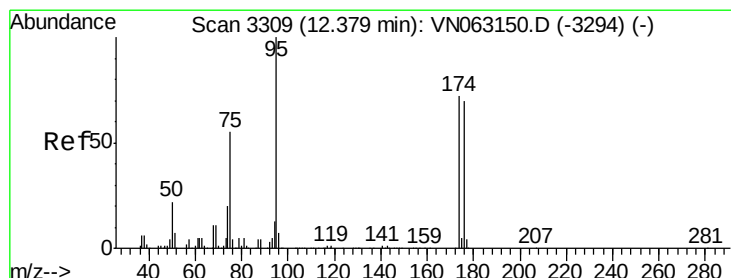
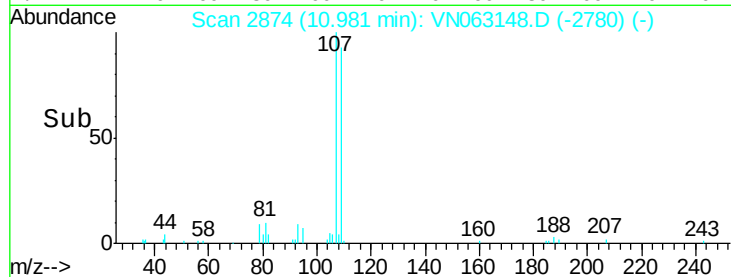
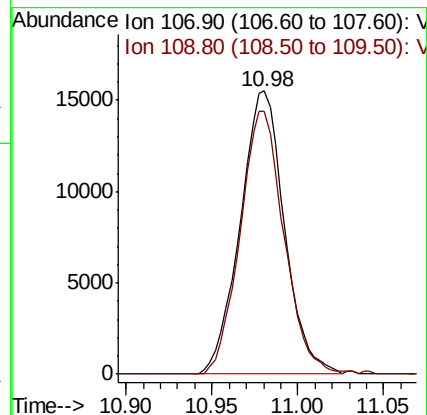
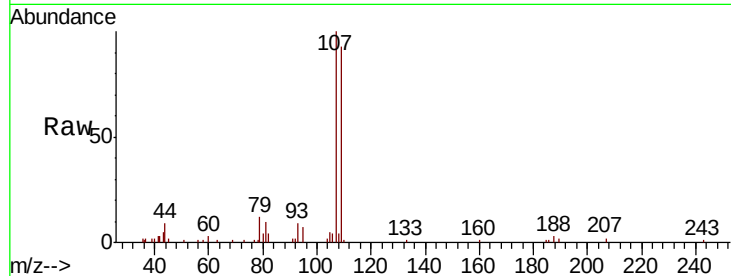
VSTDIC005

Tot Ion:107 Resp: 27774

Ion Ratio Lower Upper

107 100

109 92.0 73.4 110.0



#62

4-Bromofluorobenzene

Concen: 4.025 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

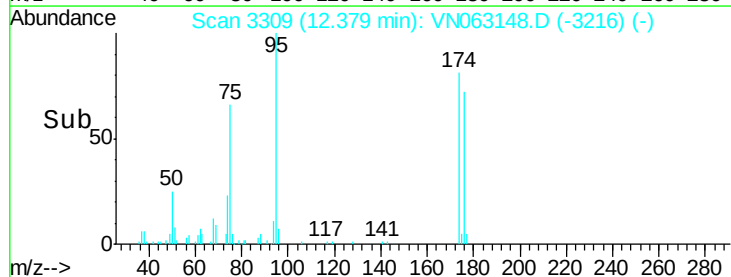
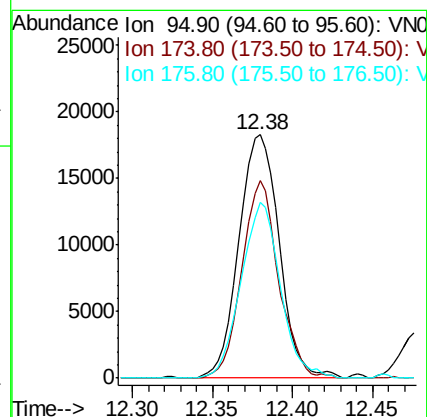
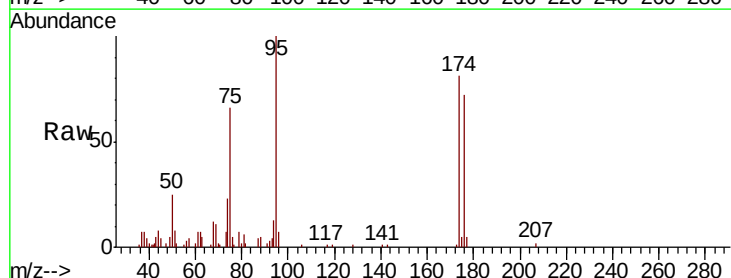
Tgt Ion: 95 Resp: 31461

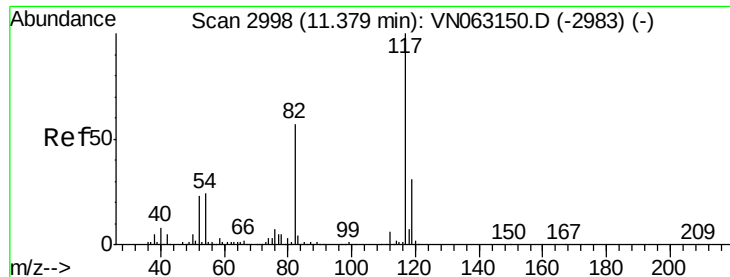
Ion Ratio Lower Upper

95 100

174 73.9 0.0 143.8

176 70.2 0.0 138.4

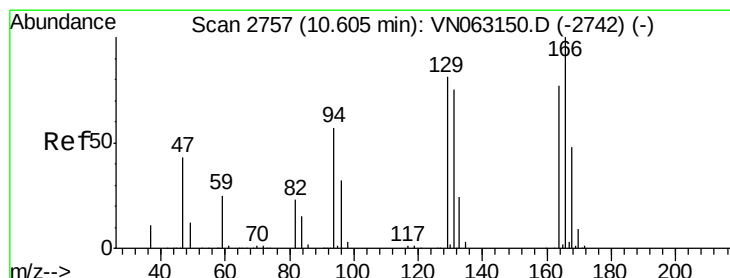
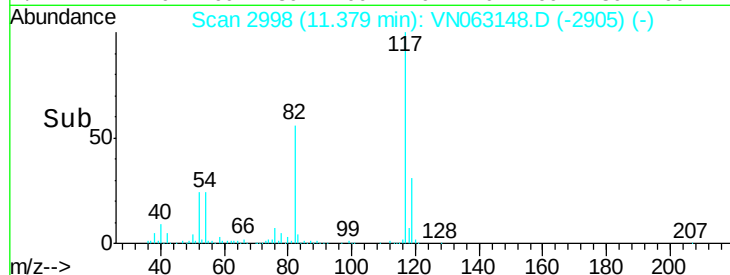
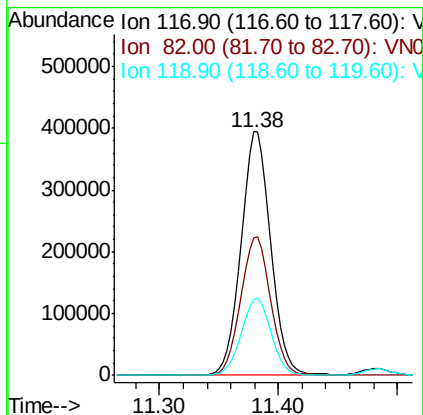
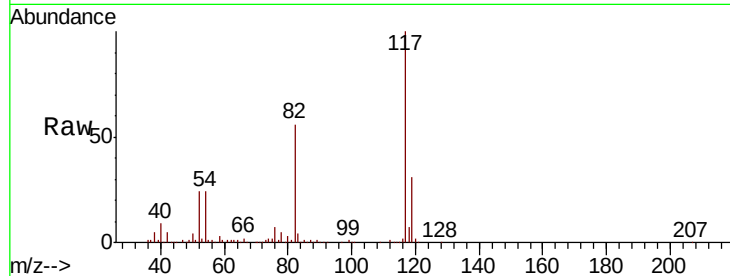




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

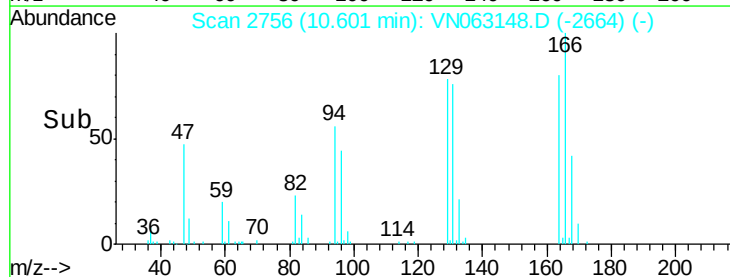
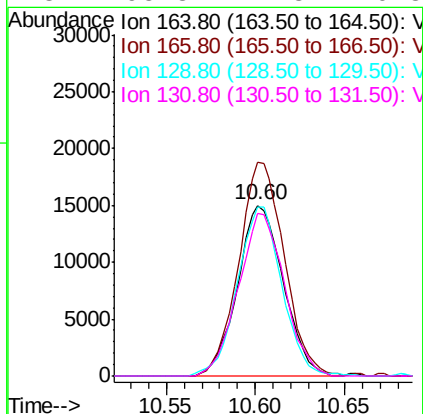
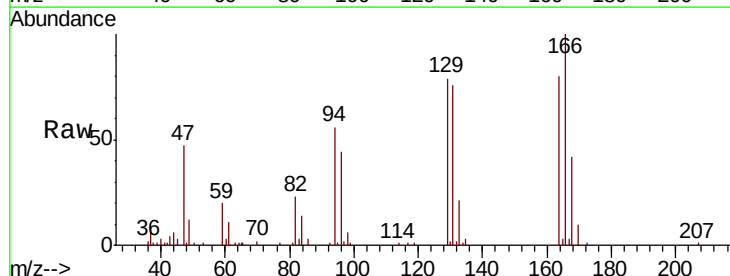
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

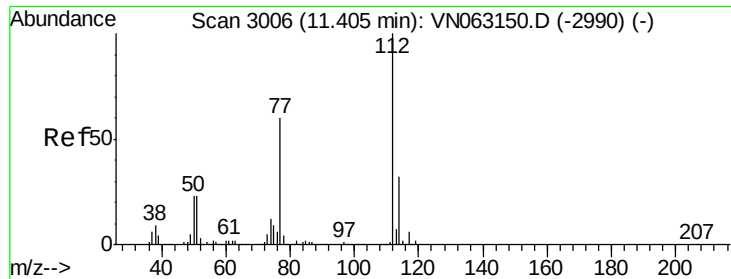
Tot Ion:117 Resp: 679543
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.0
119 31.1 24.6 37.0



#64
Tetrachloroethene
Concen: 4.511 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion:164 Resp: 26838
Ion Ratio Lower Upper
164 100
166 125.5 103.4 155.2
129 99.6 83.4 125.0
131 95.3 77.8 116.8

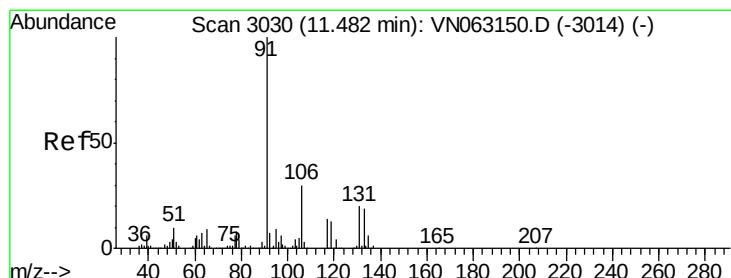
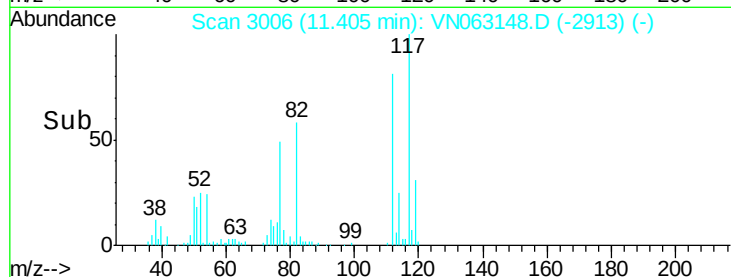
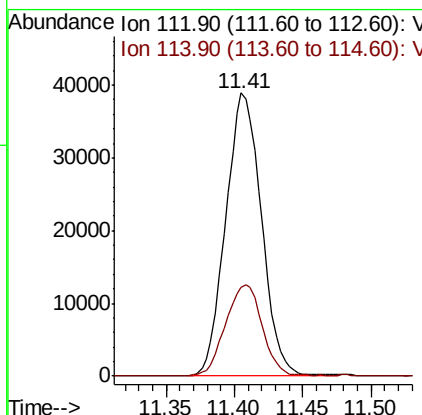
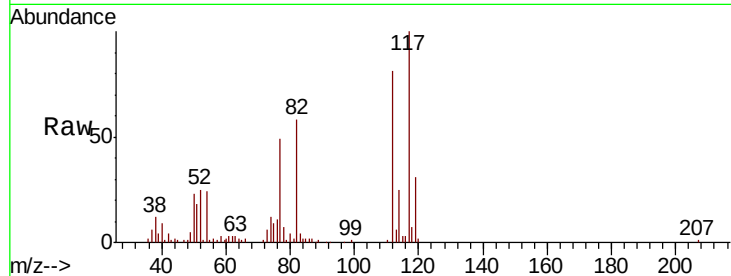




#65
Chlorobenzene
Concen: 4.244 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

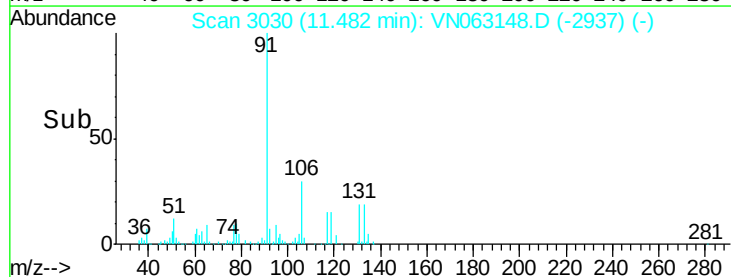
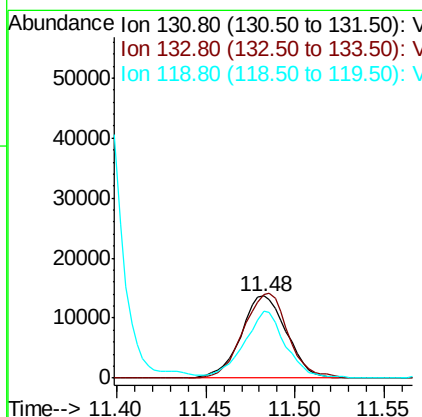
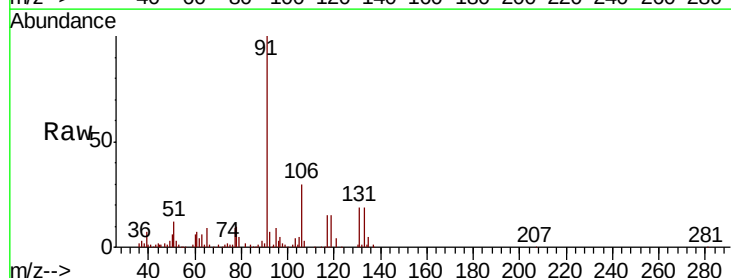
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

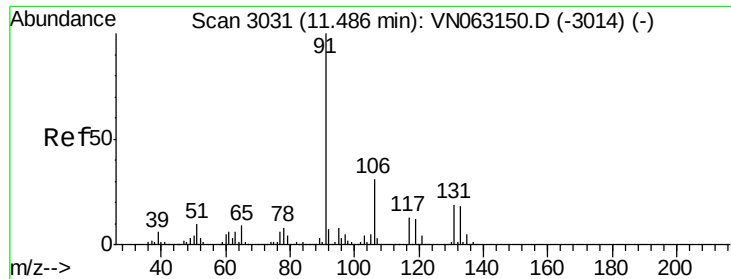
Tot Ion:112 Resp: 70950
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 3.759 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion:131 Resp: 24385
Ion Ratio Lower Upper
131 100
133 101.4 47.3 142.0
119 74.7 32.4 97.0





#67

Ethyl Benzene

Concen: 4.917 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampled :

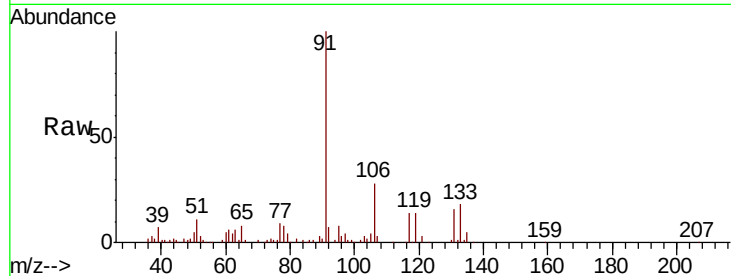
VSTDIC005

Tot Ion: 91 Resp: 134717

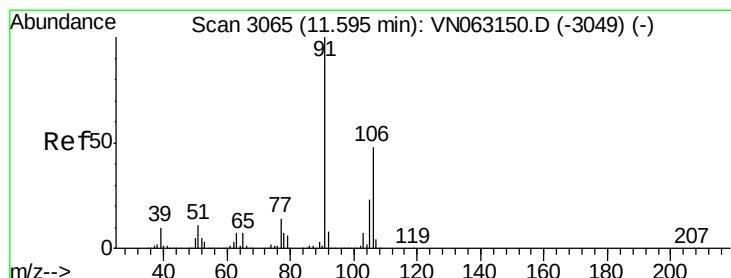
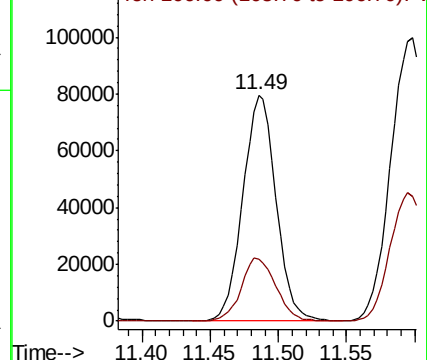
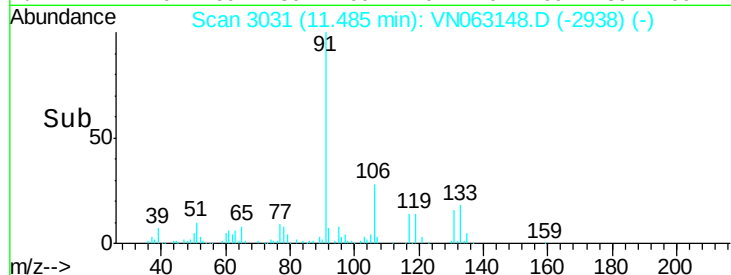
Ion Ratio Lower Upper

91 100

106 27.6 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN063148.D (-2938) (-)



#68

m/p-Xylenes

Concen: 8.969 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063148.D

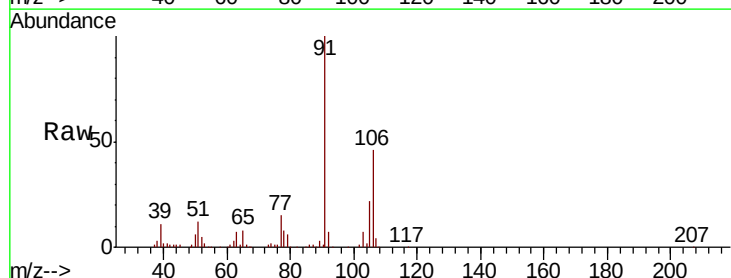
Acq: 31 Aug 2020 13:21

Tgt Ion: 106 Resp: 92093

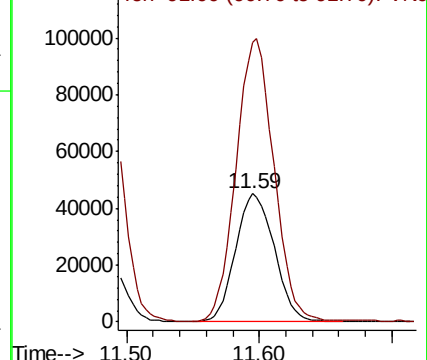
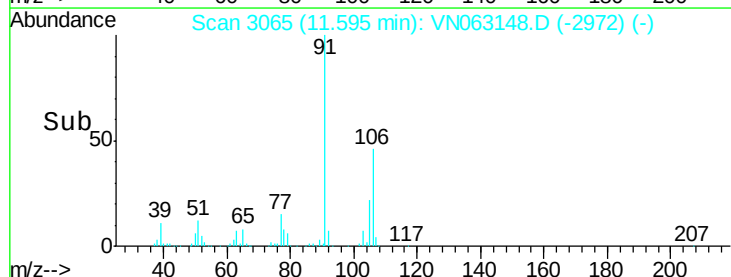
Ion Ratio Lower Upper

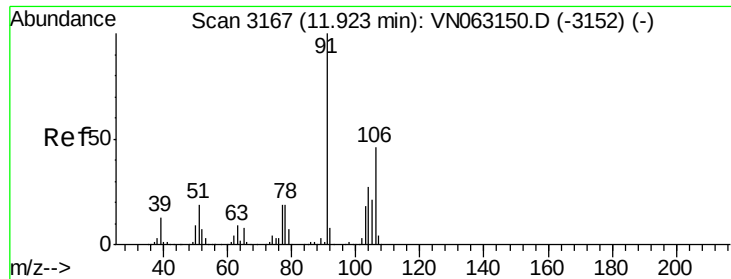
106 100

91 213.5 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): VN063148.D (-2972) (-)

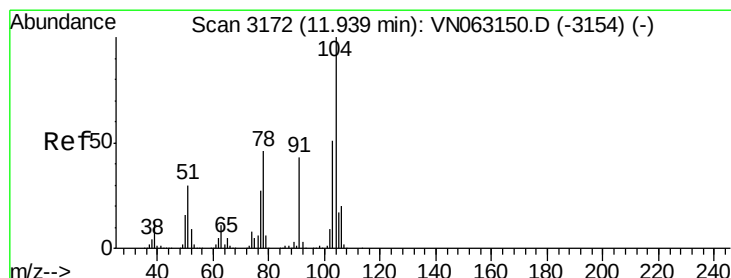
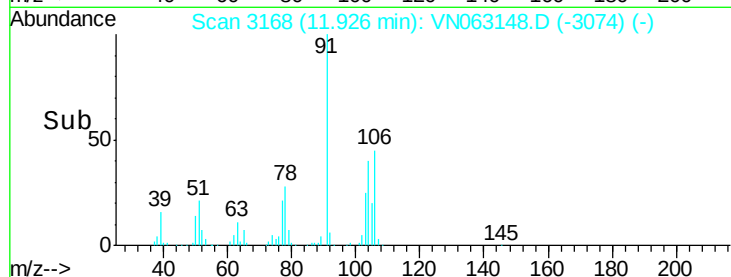
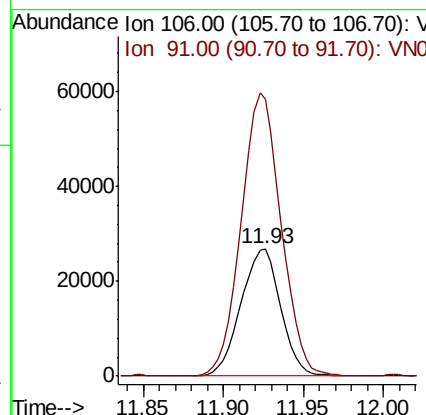
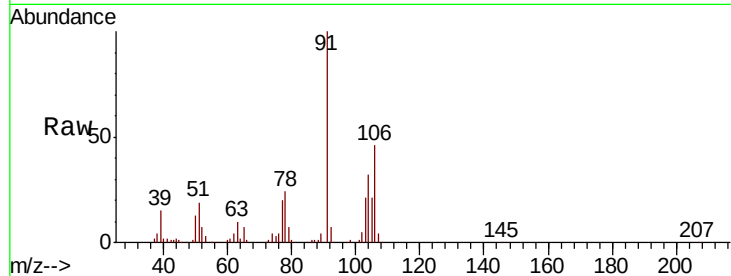




#69
o-Xylene
Concen: 4.587 ug/l
RT: 11.93 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

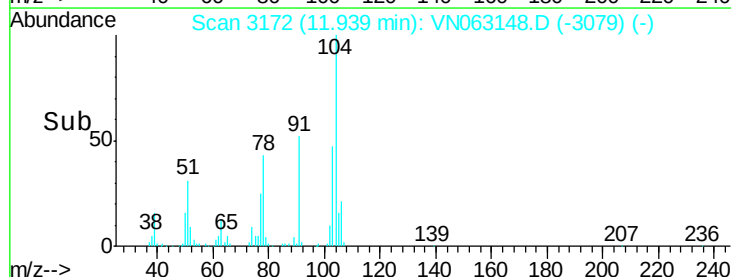
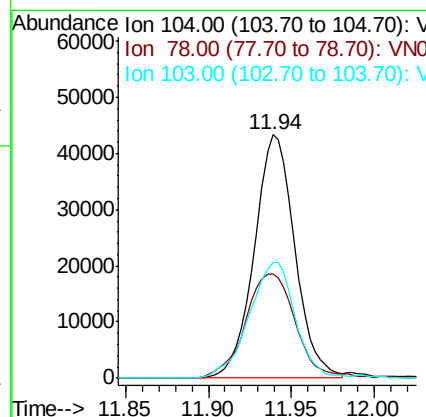
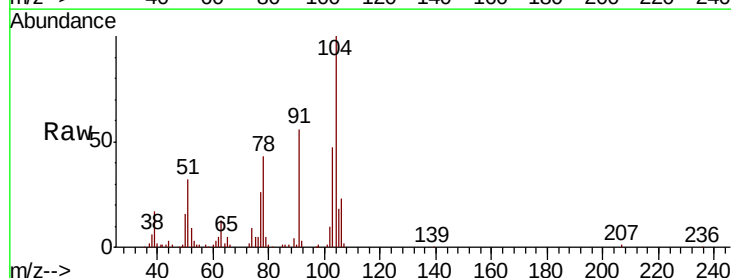
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

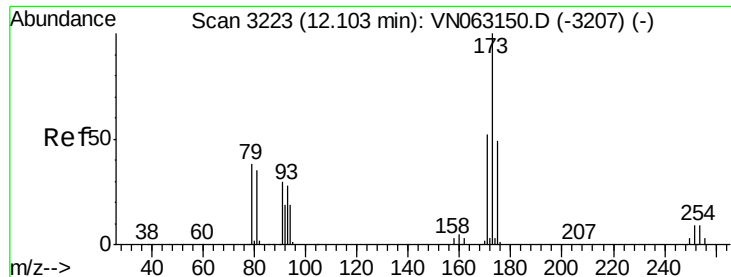
Tot Ion:106 Resp: 45378
Ion Ratio Lower Upper
106 100
91 223.4 108.6 325.6



#70
Styrene
Concen: 4.599 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion:104 Resp: 74057
Ion Ratio Lower Upper
104 100
78 53.0 41.0 61.6
103 53.8 43.8 65.8





#71

Bromoform

Concen: 3.470 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

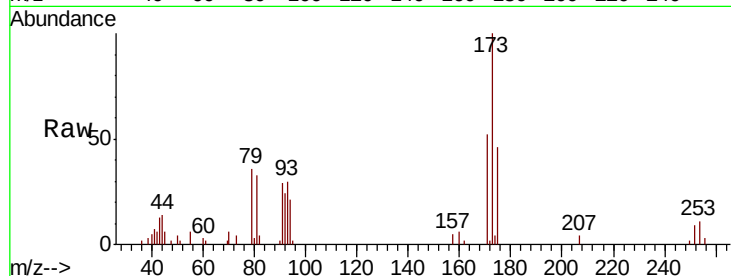
Tot Ion:173 Resp: 15811

Ion Ratio Lower Upper

173 100

175 47.4 24.6 73.8

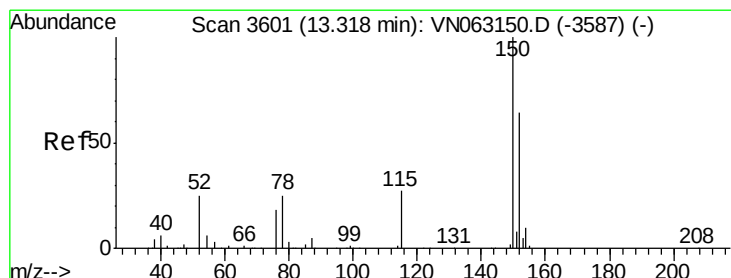
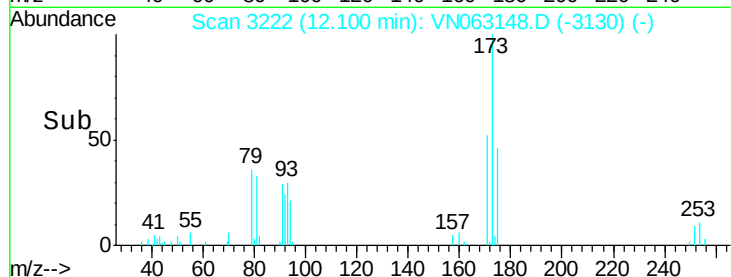
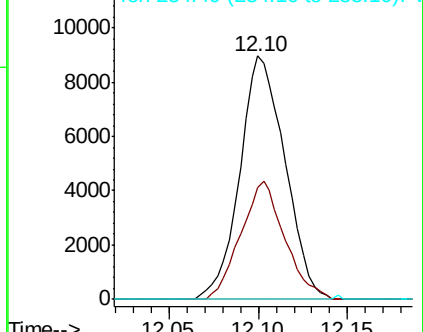
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

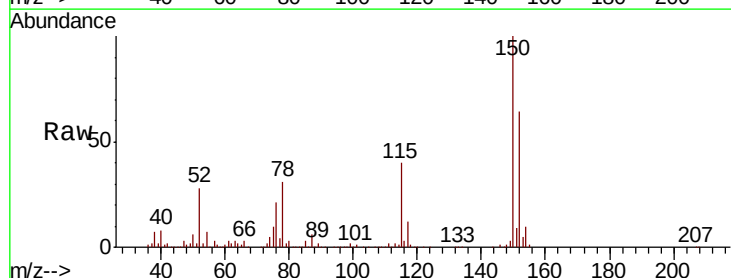
Tgt Ion:152 Resp: 289918

Ion Ratio Lower Upper

152 100

115 63.2 32.0 96.2

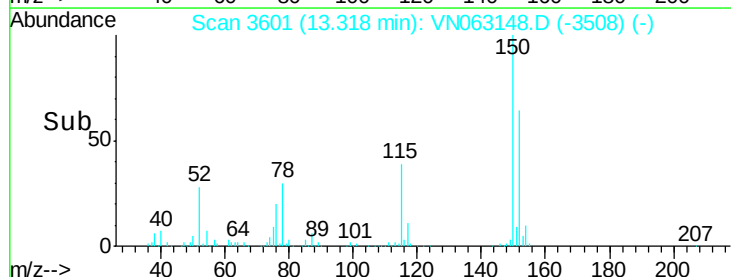
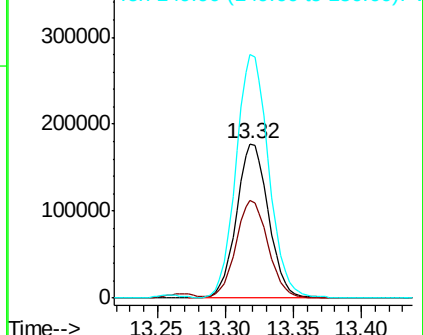
150 160.0 0.0 353.0

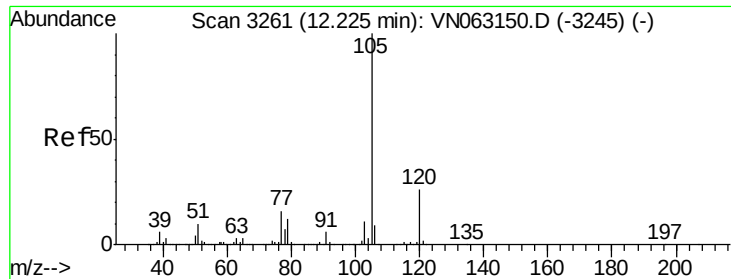


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.474 ug/l

RT: 12.22 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

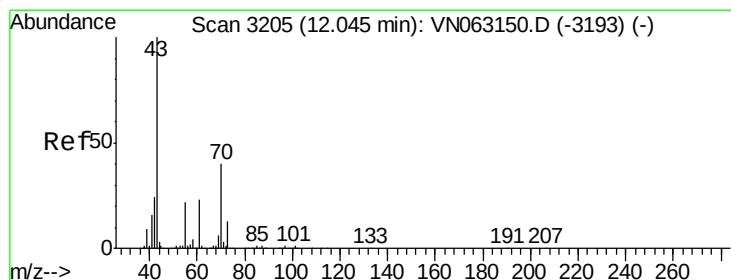
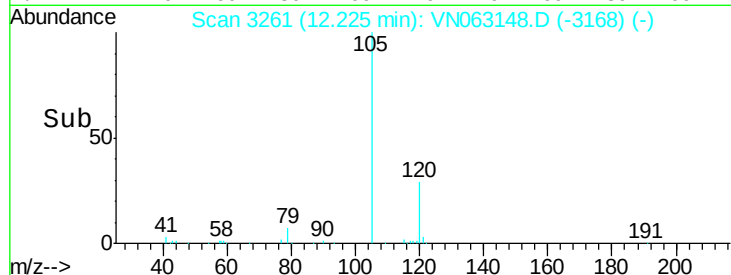
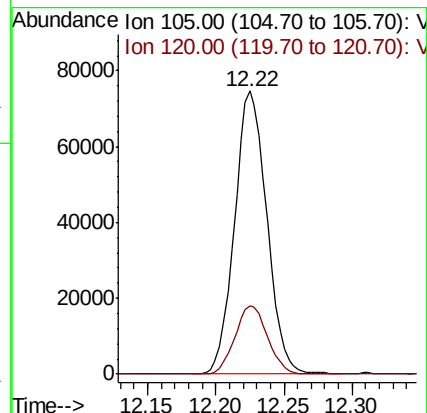
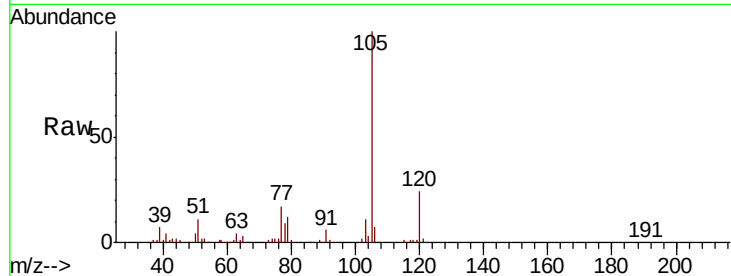
VSTDIC005

Tot Ion:105 Resp: 122425

Ion Ratio Lower Upper

105 100

120 24.4 12.9 38.6



#74

N-ethyl acetate

Concen: 6.143 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Tgt Ion: 43 Resp: 44635

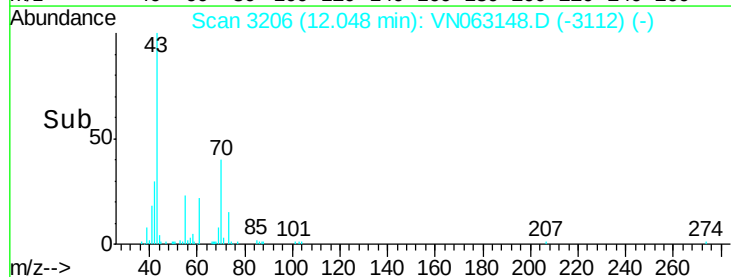
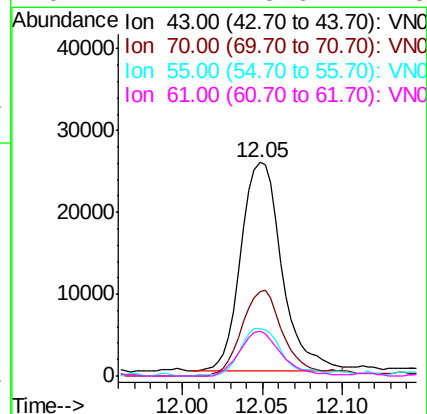
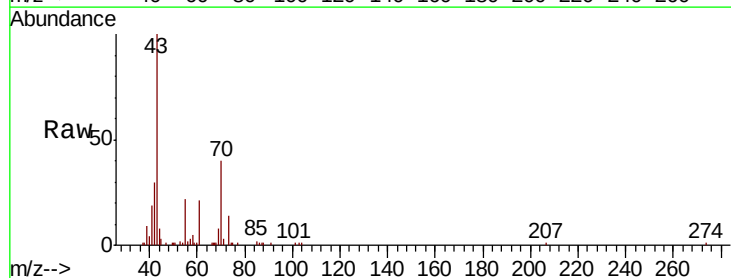
Ion Ratio Lower Upper

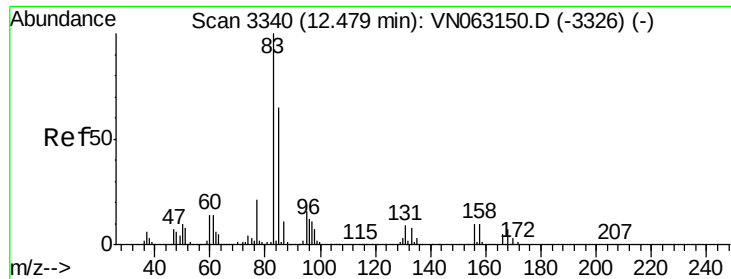
43 100

70 41.2 32.1 48.1

55 23.5 17.4 26.0

61 21.7 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.017 ug/l

RT: 12.48 min Scan# 3341

Delta R.T. 0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

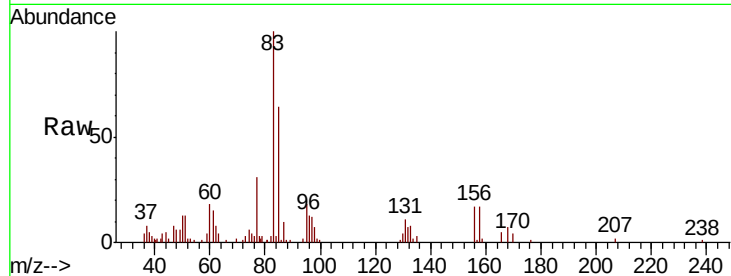
Tot Ion: 83 Resp: 33864

Ion Ratio Lower Upper

83 100

131 10.0 4.7 14.0

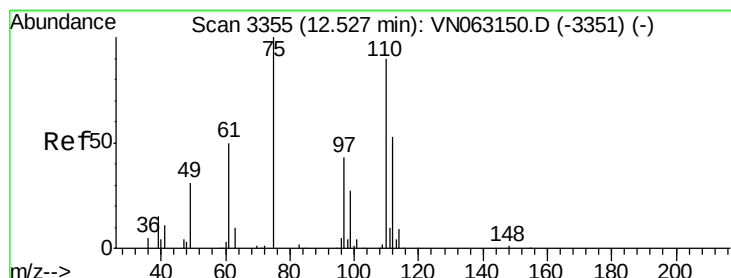
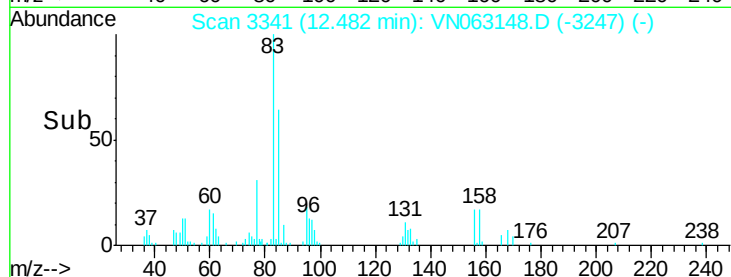
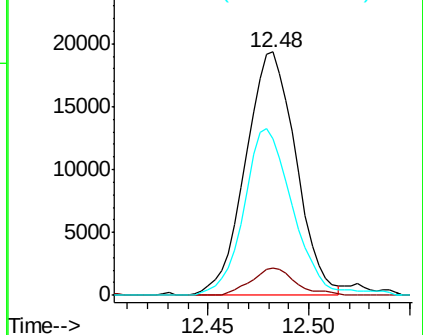
85 66.1 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN063148.D (-3340) (-)

Ion 130.80 (130.50 to 131.50): VN063148.D (-3340) (-)

Ion 84.90 (84.60 to 85.60): VN063148.D (-3340) (-)



#76

1,2,3-Trichloropropane

Concen: 8.212 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063148.D

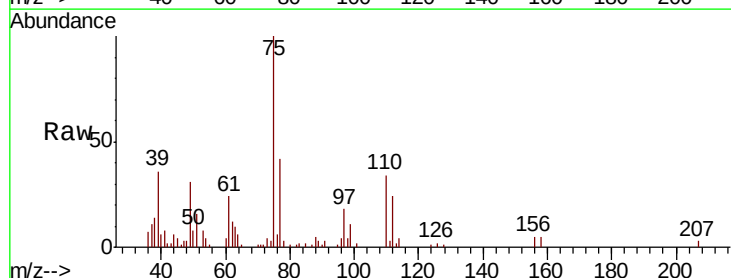
Acq: 31 Aug 2020 13:21

Tgt Ion: 75 Resp: 46025

Ion Ratio Lower Upper

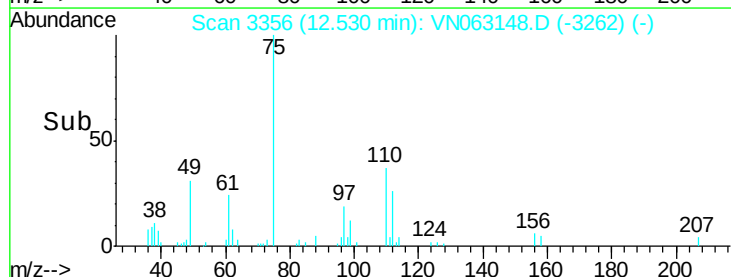
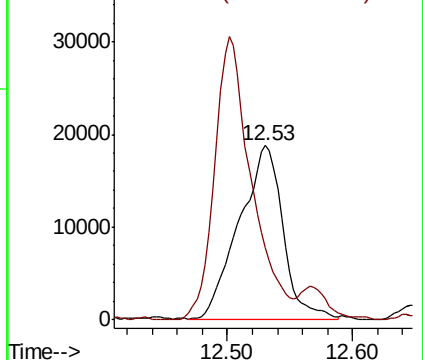
75 100

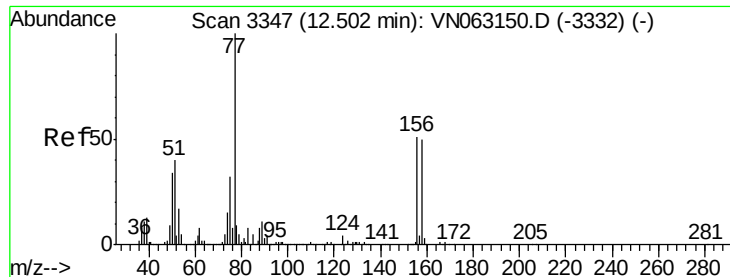
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063148.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN063148.D (-3355) (-)





#77

Bromobenzene

Concen: 4.156 ug/l

RT: 12.50 min Scan# 3348

Delta R.T. 0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

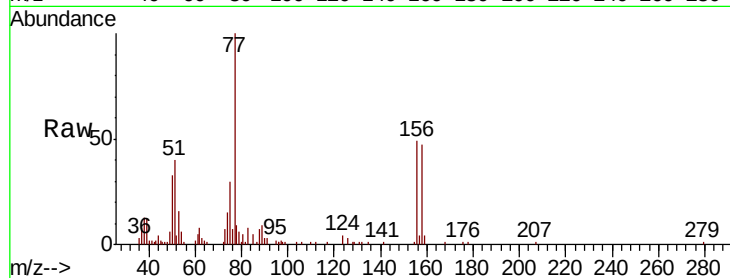
Tot Ion:156 Resp: 24971

Ion Ratio Lower Upper

156 100

77 250.3 116.1 348.3

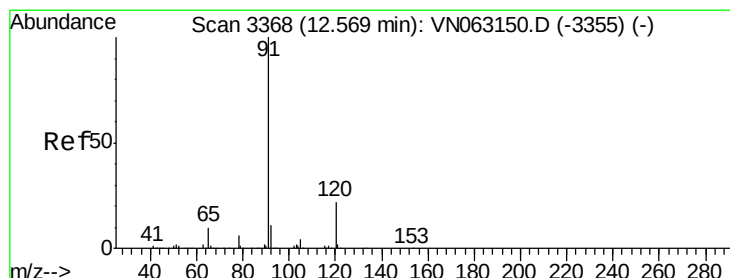
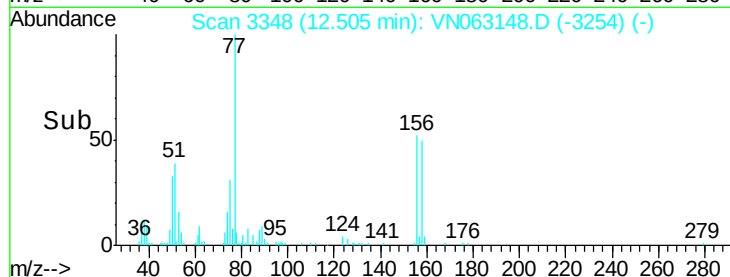
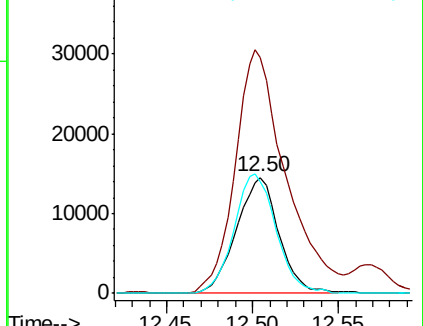
158 102.0 48.8 146.4



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: 5.490 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. -0.00 min

Lab File: VN063148.D

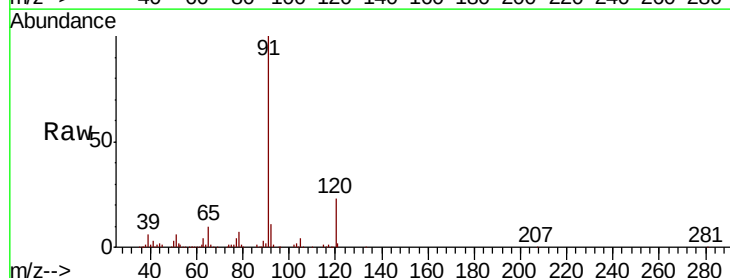
Acq: 31 Aug 2020 13:21

Tgt Ion: 91 Resp: 139872

Ion Ratio Lower Upper

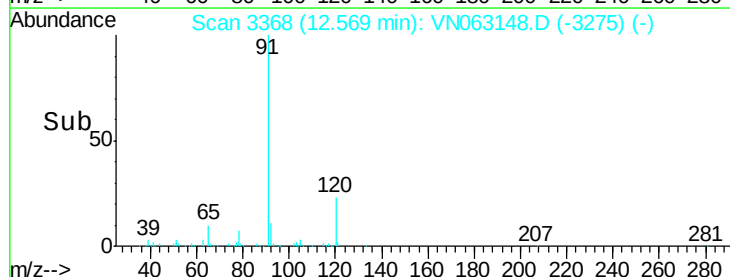
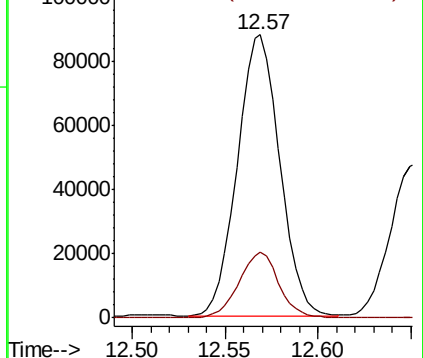
91 100

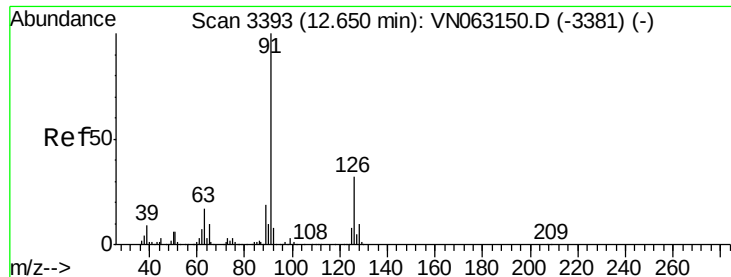
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.221 ug/l

RT: 12.65 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

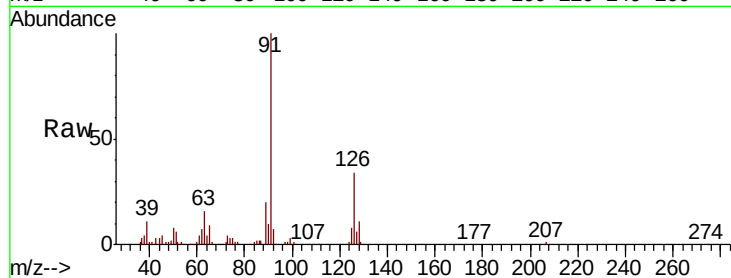
VSTDIC005

Tot Ion: 91 Resp: 81416

Ion Ratio Lower Upper

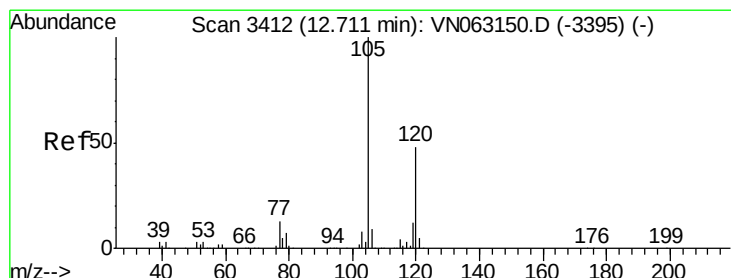
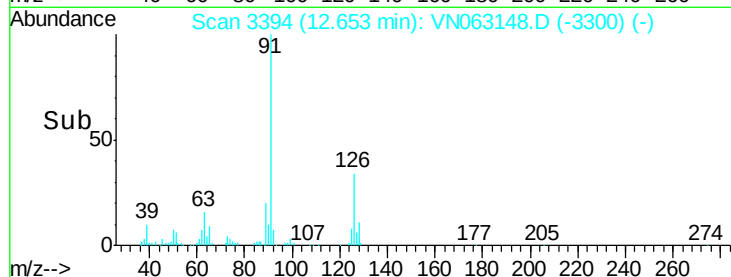
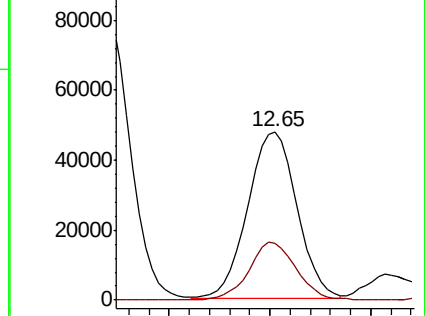
91 100

126 33.2 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: 5.527 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VN063148.D

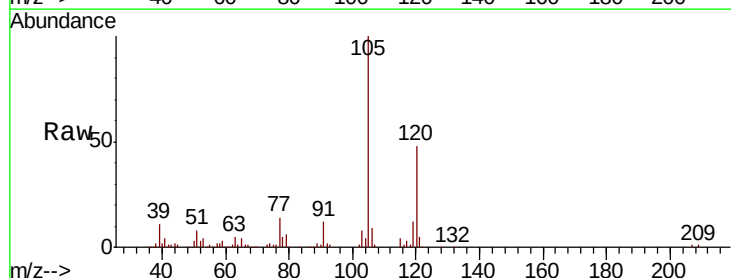
Acq: 31 Aug 2020 13:21

Tgt Ion: 105 Resp: 99043

Ion Ratio Lower Upper

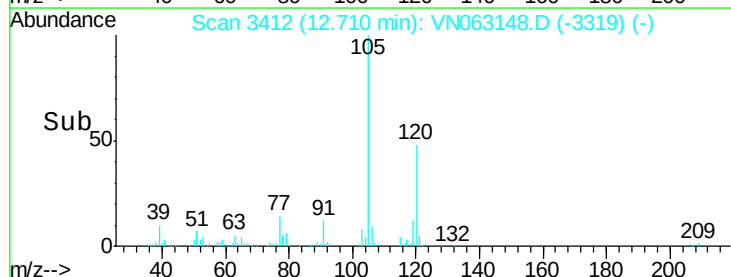
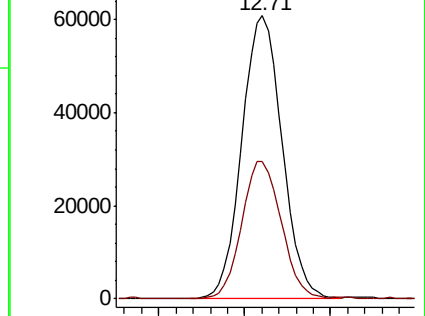
105 100

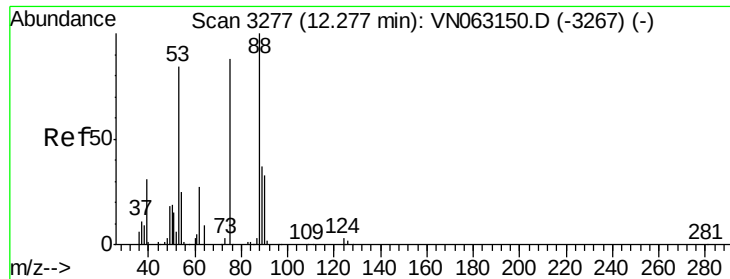
120 47.5 24.2 72.6



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: 5.979 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

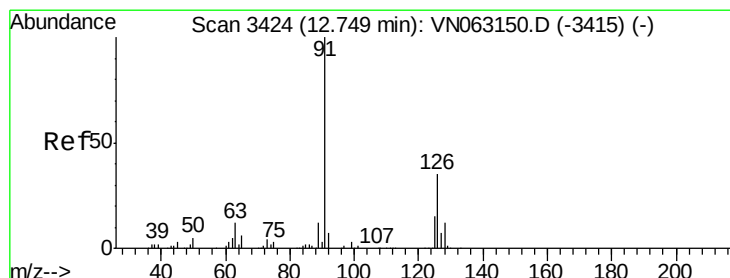
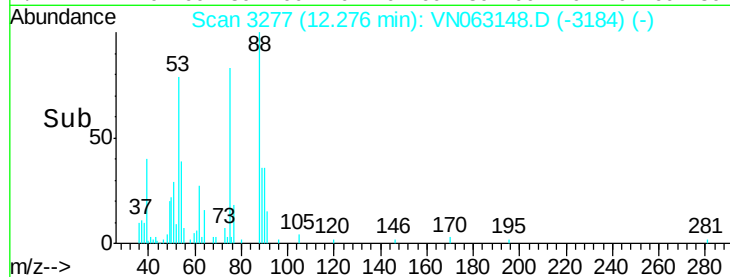
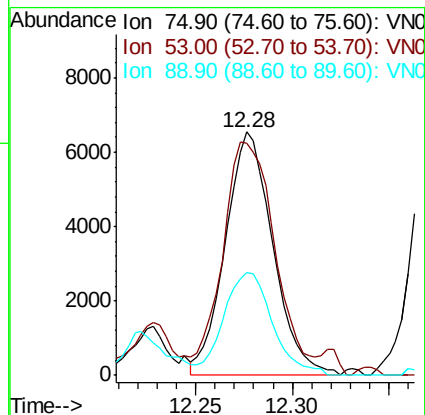
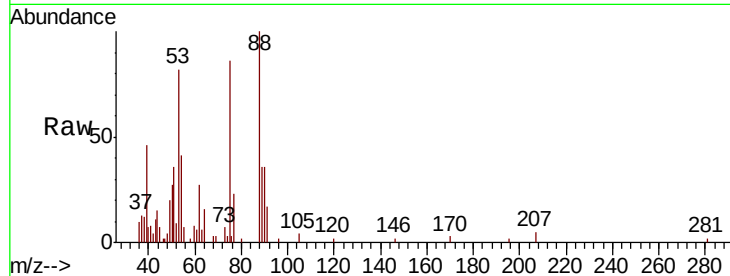
Tot Ion: 75 Resp: 11199

Ion Ratio Lower Upper

75 100

53 105.2 78.7 118.1

89 43.1 35.3 52.9



#82

4-Chlorotoluene

Concen: 5.269 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063148.D

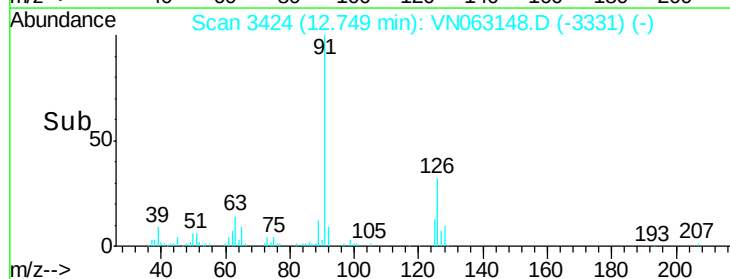
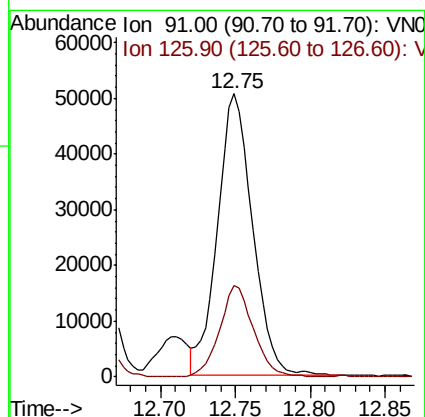
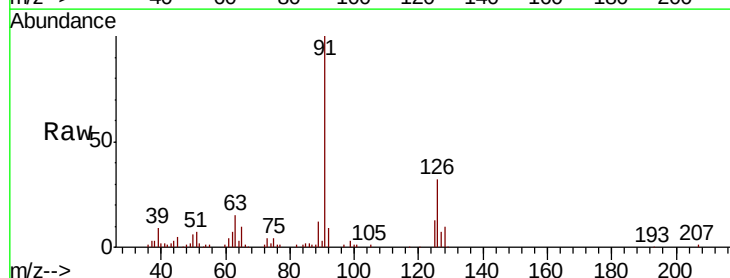
Acq: 31 Aug 2020 13:21

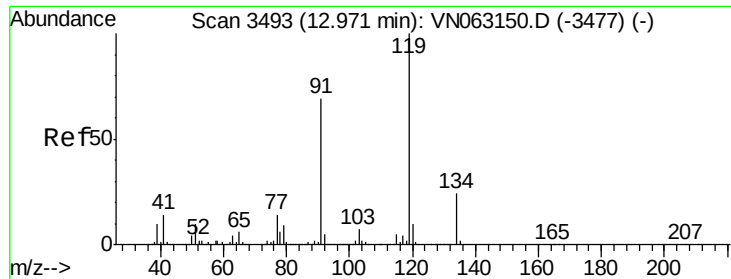
Tgt Ion: 91 Resp: 82741

Ion Ratio Lower Upper

91 100

126 31.2 16.2 48.5

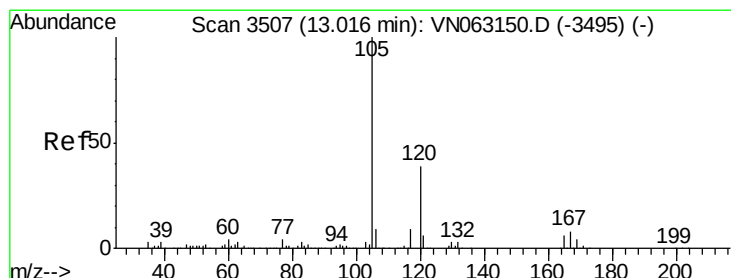
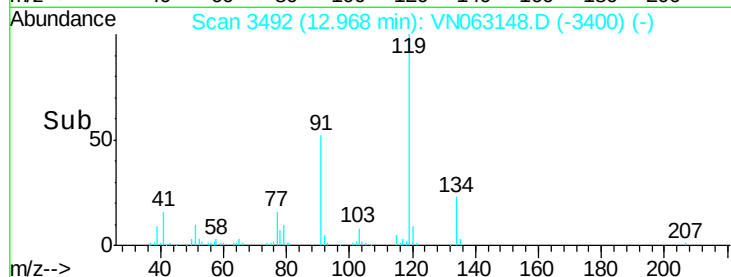
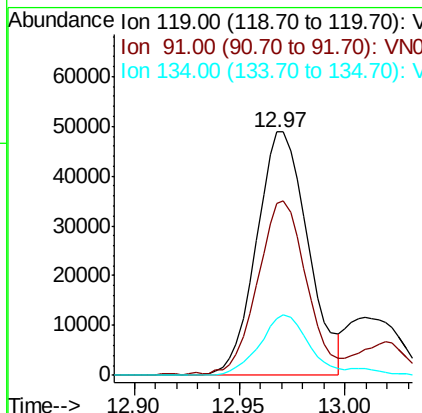
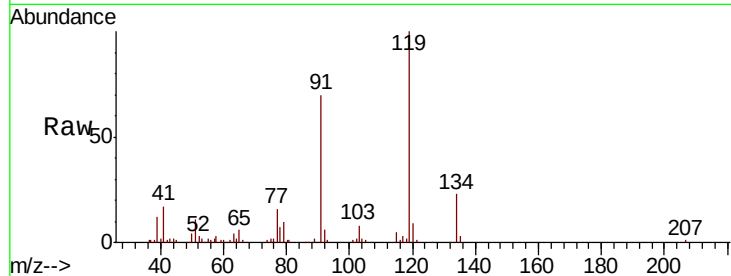




#83
 tert-Butylbenzene
 Concen: 5.296 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

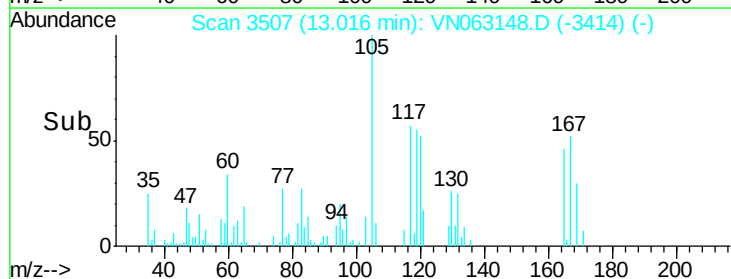
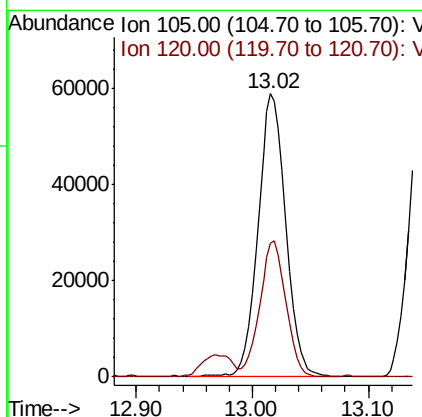
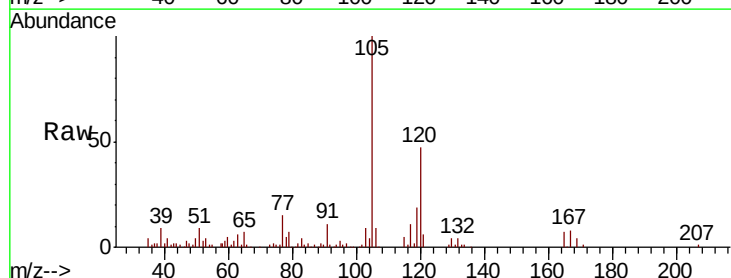
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

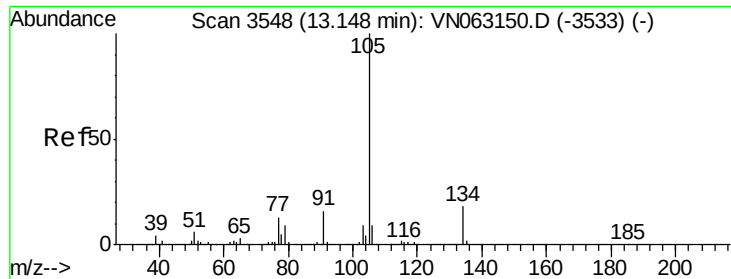
Tot Ion:119 Resp: 82991
 Ion Ratio Lower Upper
 119 100
 91 67.1 33.7 101.0
 134 23.5 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 5.439 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Tgt Ion:105 Resp: 98421
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 5.305 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

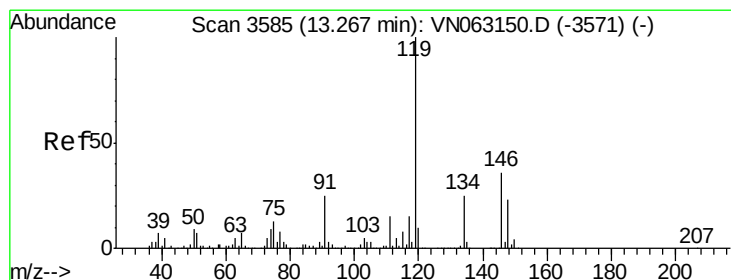
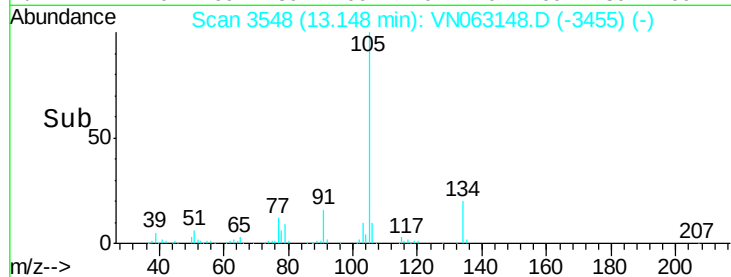
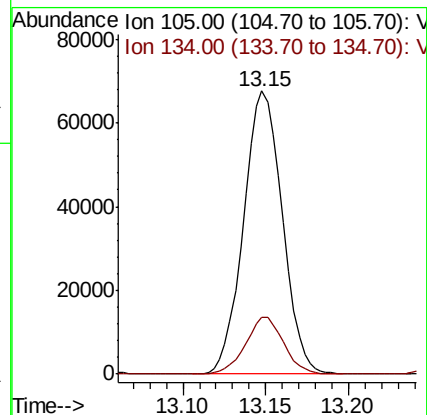
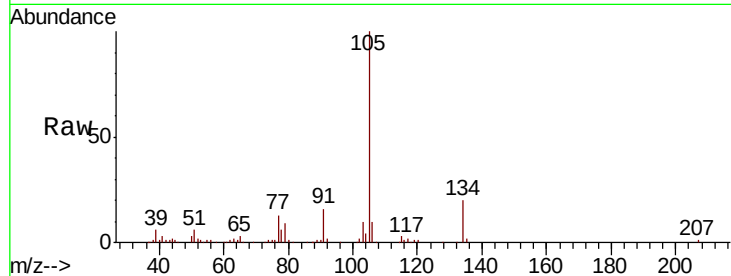
VSTDIC005

Tot Ion:105 Resp: 110089

Ion Ratio Lower Upper

105 100

134 19.7 9.4 28.3



#86

p-Isopropyltoluene

Concen: 5.339 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

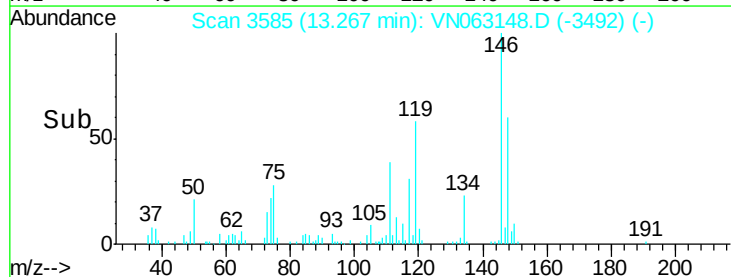
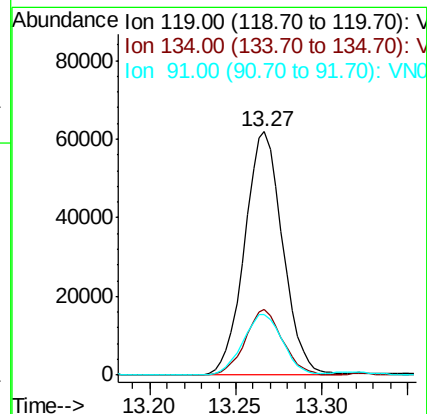
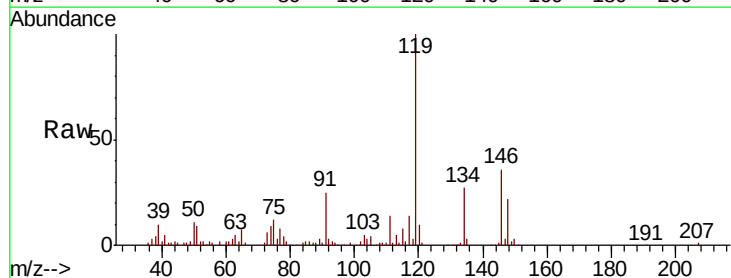
Tgt Ion:119 Resp: 95027

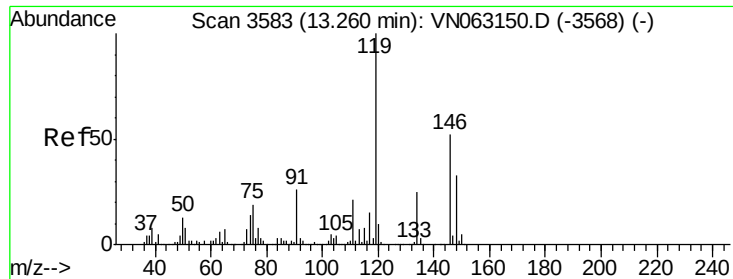
Ion Ratio Lower Upper

119 100

134 26.3 12.4 37.4

91 26.3 12.2 36.6

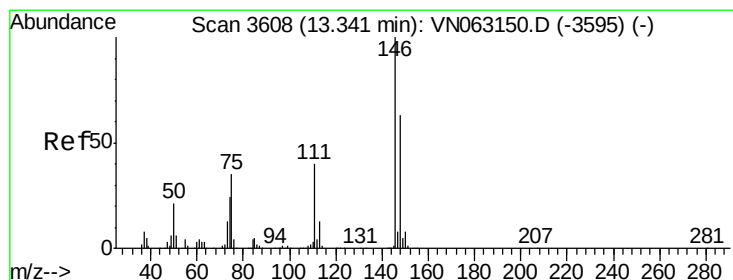
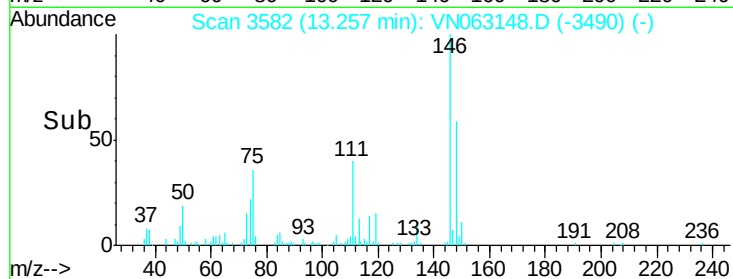
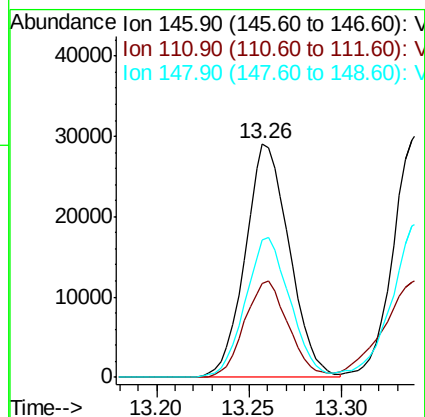
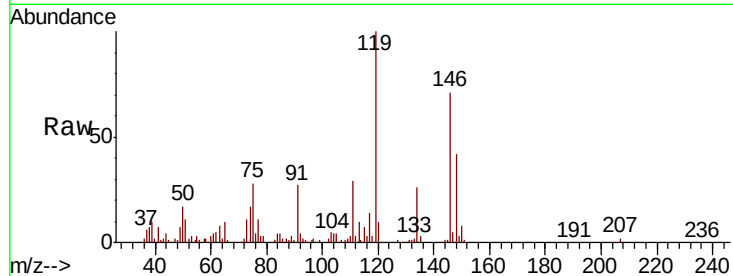




#87
 1,3-Dichlorobenzene
 Concen: 4.555 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

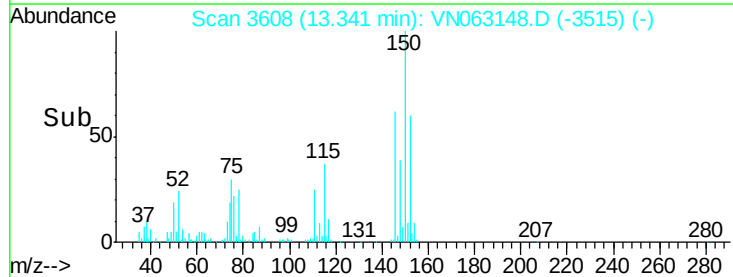
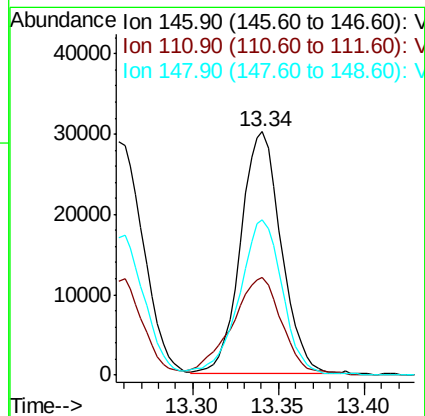
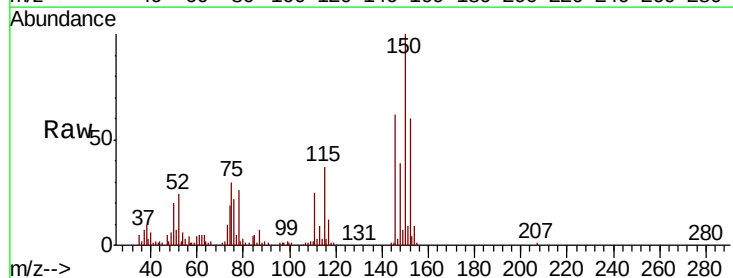
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

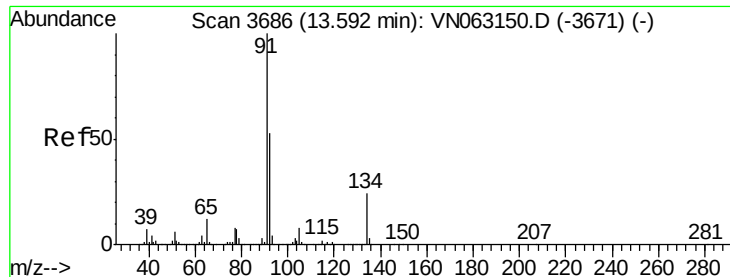
Tot Ion:146 Resp: 48027
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.3 63.7
 148 60.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 4.637 ug/l
 RT: 13.34 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Tgt Ion:146 Resp: 49365
 Ion Ratio Lower Upper
 146 100
 111 50.4 20.5 61.5
 148 69.1 31.9 95.7

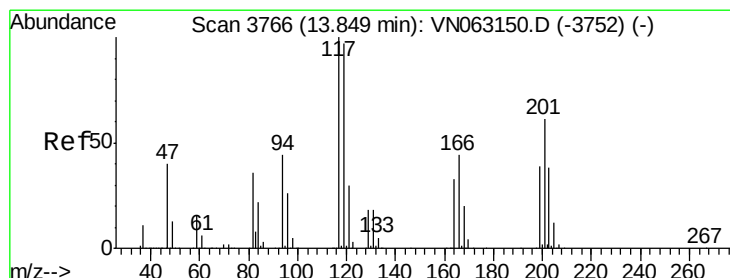
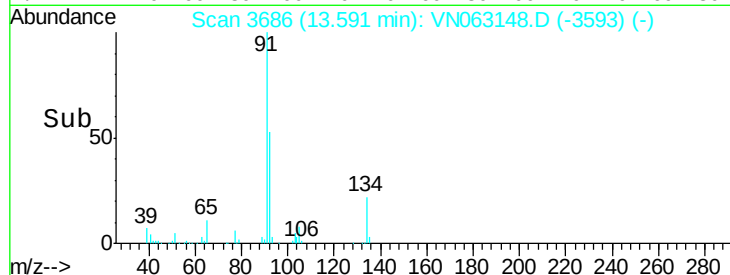
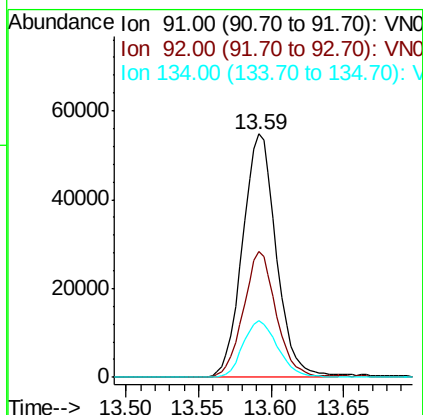
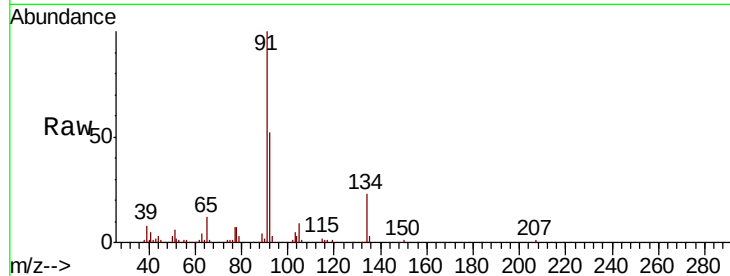




#89
n-Butylbenzene
Concen: 5.935 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

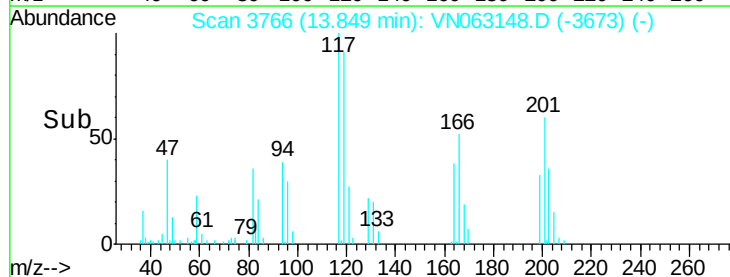
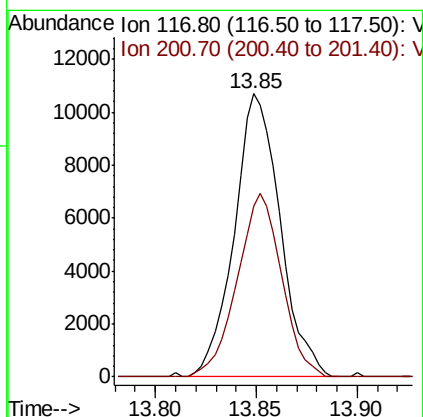
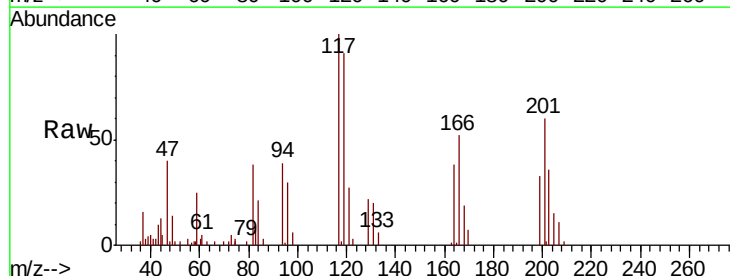
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

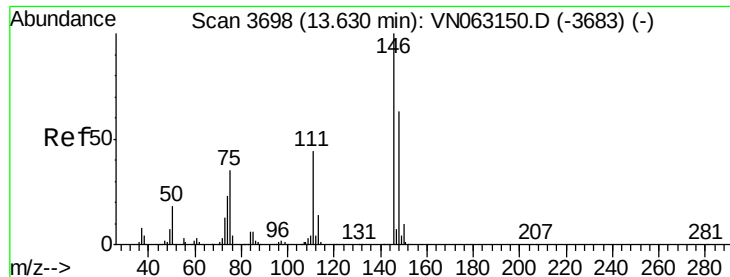
Tot Ion	91	Resp	88883
Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.3	78.8
134	23.8	12.0	36.0



#90
Hexachloroethane
Concen: 4.318 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063148.D
Acq: 31 Aug 2020 13:21

Tgt Ion	117	Resp	17066
Ion	Ratio	Lower	Upper
117	100		
201	62.7	30.6	92.0





#91

1,2-Dichlorobenzene

Concen: 4.495 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

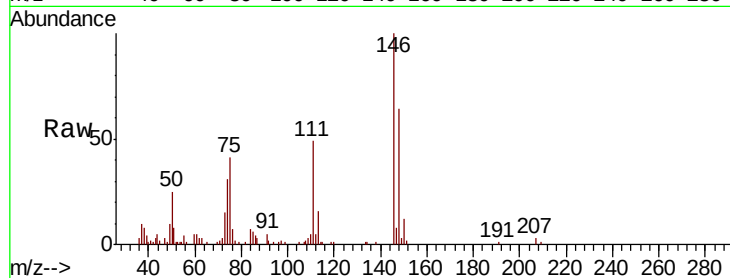
Tot Ion:146 Resp: 46638

Ion Ratio Lower Upper

146 100

111 46.3 22.0 66.0

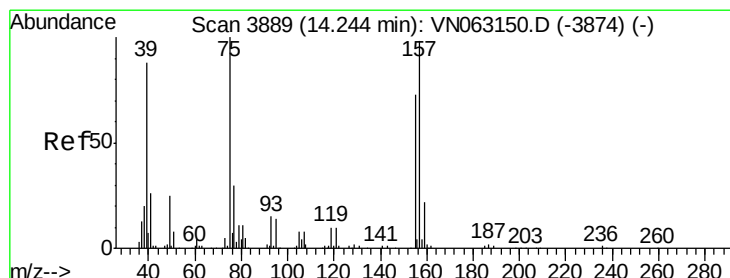
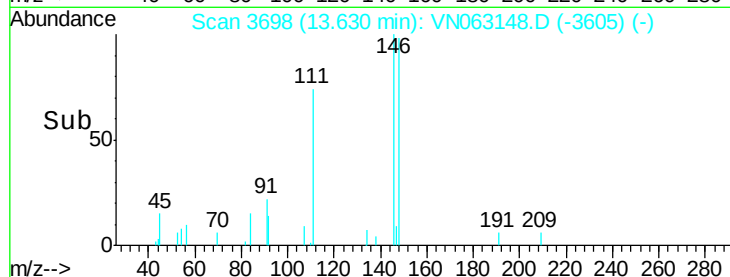
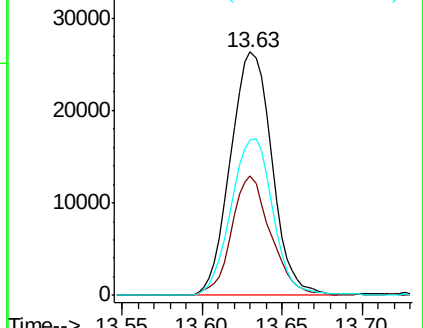
148 65.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.107 ug/l

RT: 14.25 min Scan# 3890

Delta R.T. 0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

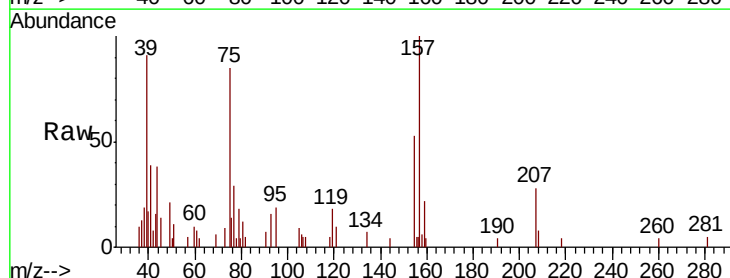
Tgt Ion: 75 Resp: 6795

Ion Ratio Lower Upper

75 100

155 35.4 36.1 108.5#

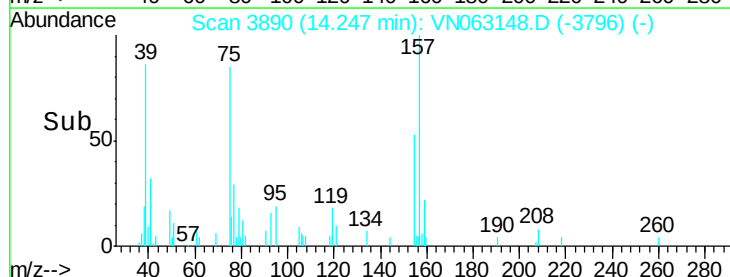
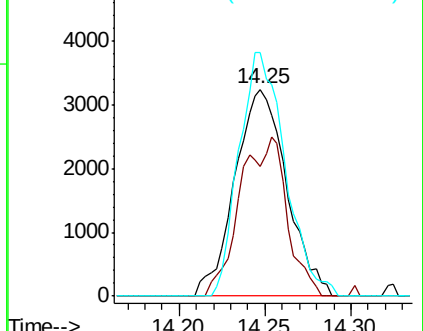
157 105.3 48.4 145.0

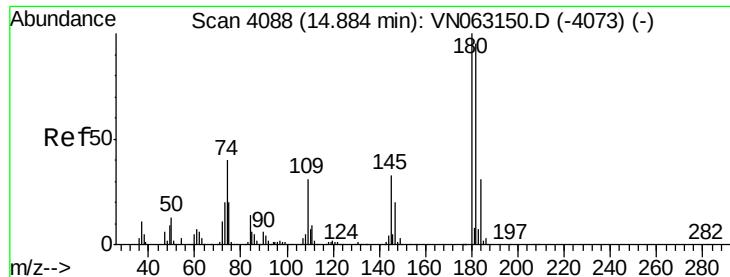


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

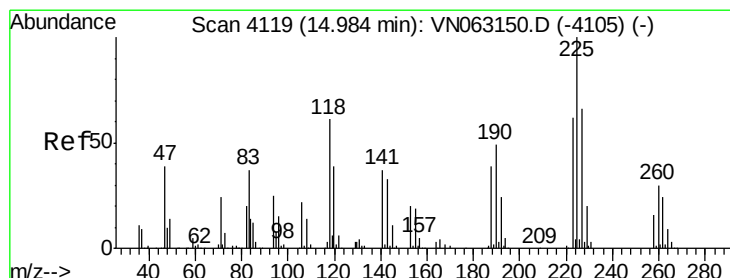
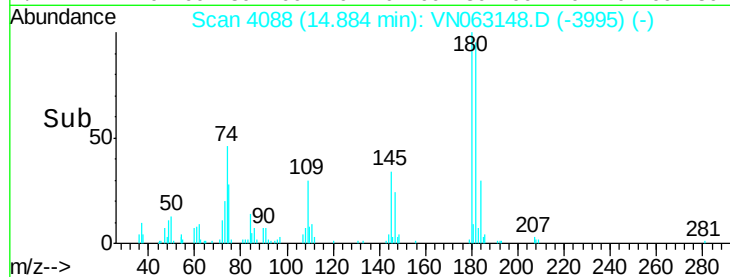
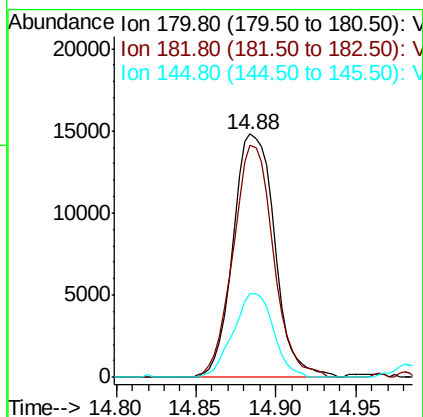
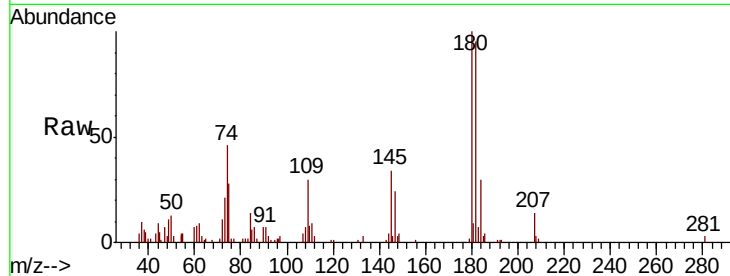




#93
 1,2,4-Trichlorobenzene
 Concen: 5.454 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

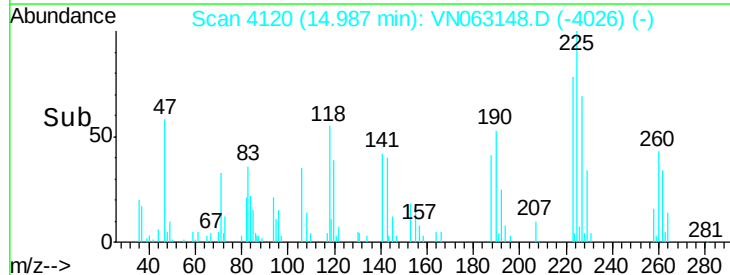
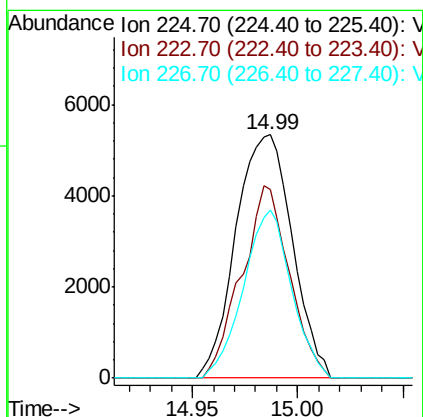
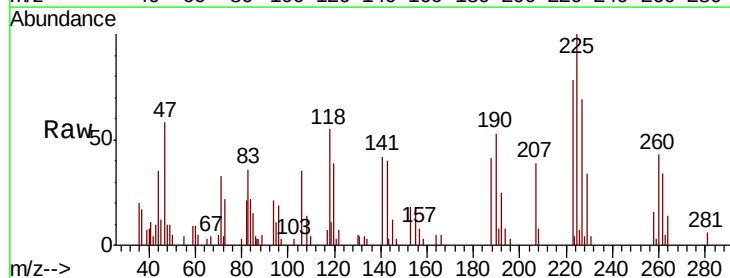
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

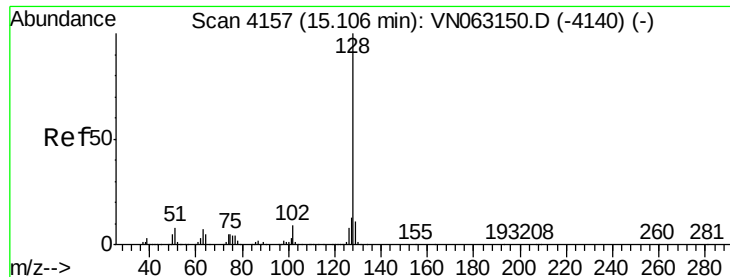
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.5	142.5
145	33.3	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 3.064 ug/l
 RT: 14.99 min Scan# 4120
 Delta R.T. 0.00 min
 Lab File: VN063148.D
 Acq: 31 Aug 2020 13:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.0	30.9	92.7
227	58.9	32.9	98.7





#95

Naphthalene

Concen: 6.933 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. -0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

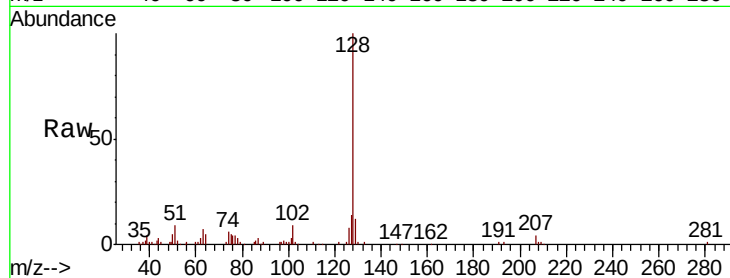
Tot Ion:128 Resp: 81192

Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

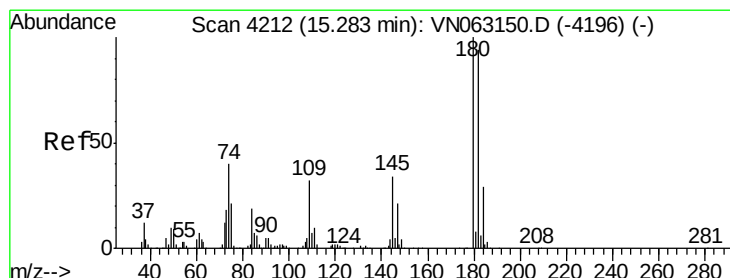
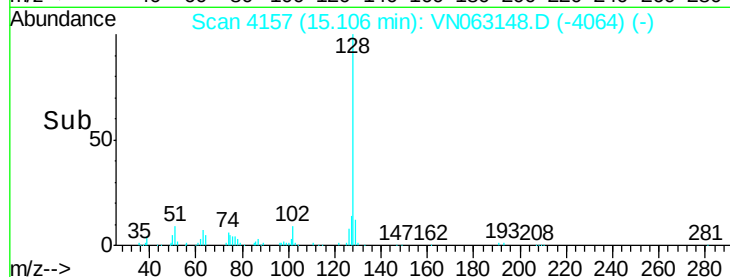
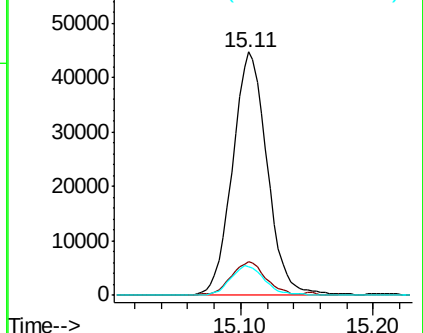
129 12.0 8.6 13.0



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: 4.833 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063148.D

Acq: 31 Aug 2020 13:21

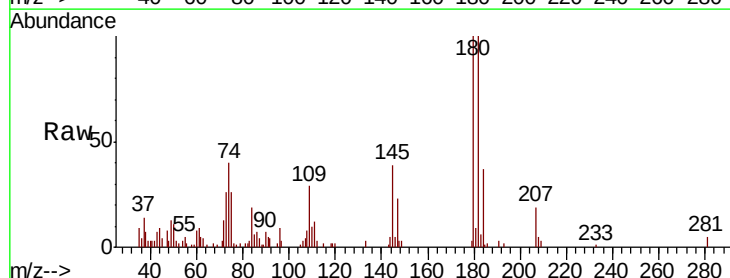
Tgt Ion:180 Resp: 24027

Ion Ratio Lower Upper

180 100

182 93.4 47.5 142.5

145 34.7 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

