

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063149.D
 Acq On : 31 Aug 2020 13:47
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Sep 01 02:47:09 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	7.62	168	424953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	792765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	722846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	319810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	118390	19.20	ug/l	0.00
Spiked Amount			Recovery	=	38.40%	
35) Dibromofluoromethane	7.55	113	85188	13.29	ug/l	0.00
Spiked Amount			Recovery	=	26.58%	
50) Toluene-d8	10.06	98	334871	14.31	ug/l	0.00
Spiked Amount			Recovery	=	28.62%	
62) 4-Bromofluorobenzene	12.38	95	113795	14.08	ug/l	0.00
Spiked Amount			Recovery	=	28.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	73660	16.013	ug/l	97
3) Chloromethane	2.04	50	103938	17.506	ug/l	99
4) Vinyl Chloride	2.17	62	120444	18.805	ug/l	98
5) Bromomethane	2.54	94	98299	22.307	ug/l	97
6) Chloroethane	2.68	64	95336	21.598	ug/l	97
7) Trichlorofluoromethane	2.99	101	208194	23.402	ug/l	96
8) Diethyl Ether	3.38	74	56792	18.664	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	82896	15.768	ug/l	98
10) Methyl Iodide	3.91	142	110372	15.802	ug/l	99
11) Tert butyl alcohol	4.73	59	75717	144.348	ug/l #	78
12) 1,1-Dichloroethene	3.70	96	84102	17.846	ug/l	98
13) Acrolein	3.57	56	27178	98.244	ug/l	100
14) Allyl chloride	4.28	41	142010	18.599	ug/l	94
15) Acrylonitrile	4.93	53	203557	104.508	ug/l	99
16) Acetone	3.78	43	170036	103.548	ug/l	99
17) Carbon Disulfide	4.01	76	247063	17.510	ug/l	100
18) Methyl Acetate	4.28	43	86660	14.790	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	305142	22.401	ug/l	99
20) Methylene Chloride	4.51	84	99518	16.912	ug/l	87
21) trans-1,2-Dichloroethene	4.99	96	90485	17.957	ug/l	97
22) Diisopropyl ether	5.90	45	327168	20.974	ug/l	98
23) Vinyl Acetate	5.84	43	1380377	121.054	ug/l	98
24) 1,1-Dichloroethane	5.80	63	185788	18.864	ug/l	99
25) 2-Butanone	6.78	43	273118	114.741	ug/l	100
26) 2,2-Dichloropropane	6.78	77	159594	20.381	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	110254	19.775	ug/l	99
28) Bromochloromethane	7.15	49	93671	20.640	ug/l	99
29) Tetrahydrofuran	7.17	42	190980	126.053	ug/l	98
30) Chloroform	7.33	83	182874	18.065	ug/l	95
31) Cyclohexane	7.61	56	169091	18.371	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	162920	18.513	ug/l	99
36) 1,1-Dichloropropene	7.75	75	138373	15.970	ug/l	99
37) Ethyl Acetate	6.88	43	121577	19.312	ug/l	99
38) Carbon Tetrachloride	7.74	117	140957	15.170	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	159997	17.651	ug/l	97
40) Benzene	8.00	78	401898	15.206	ug/l	100
41) Methacrylonitrile	7.16	41	173385	55.391	ug/l #	20
42) 1,2-Dichloroethane	8.09	62	150362	16.827	ug/l	100
43) Isopropyl Acetate	8.13	43	227460	20.640	ug/l	99
44) Trichloroethene	8.80	130	101848	14.836	ug/l	98
45) 1,2-Dichloropropane	9.09	63	107039	15.047	ug/l	99
46) Dibromomethane	9.17	93	70806	15.853	ug/l	99
47) Bromodichloromethane	9.37	83	152509	16.439	ug/l	99
48) Methyl methacrylate	9.17	41	105006	19.298	ug/l	99
49) 1,4-Dioxane	9.17	88	29392	380.373	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	634594	103.443	ug/l	100
52) Toluene	10.13	92	250366	15.920	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	159198	17.043	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	173582	17.085	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	96540	14.799	ug/l	95
56) Ethyl methacrylate	10.40	69	141453	18.146	ug/l	97
57) 1,3-Dichloropropane	10.68	76	171943	16.539	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	383642	106.159	ug/l	100
59) 2-Hexanone	10.72	43	441332	106.009	ug/l	99
60) Dibromochloromethane	10.87	129	105617	14.819	ug/l	99
61) 1,2-Dibromoethane	10.98	107	98692	16.051	ug/l	97
64) Tetrachloroethene	10.60	164	91571	14.470	ug/l	98
65) Chlorobenzene	11.41	112	266494	14.985	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	96480	13.981	ug/l	96
67) Ethyl Benzene	11.49	91	487601	16.732	ug/l	98
68) m/p-Xylenes	11.60	106	354916	32.495	ug/l	99
69) o-Xylene	11.92	106	168931	16.052	ug/l	95
70) Styrene	11.94	104	291202	16.999	ug/l	99
71) Bromoform	12.10	173	63237	13.048	ug/l #	97
73) Isopropylbenzene	12.23	105	459244	18.614	ug/l	99
74) N-amyl acetate	12.05	43	188505	23.519	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	126223	16.953	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	173984	28.143	ug/l #	100
77) Bromobenzene	12.50	156	102571	15.476	ug/l	95
78) n-propylbenzene	12.57	91	542409	19.298	ug/l	99
79) 2-Chlorotoluene	12.65	91	315481	18.339	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	381397	19.296	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	46592	22.551	ug/l	99
82) 4-Chlorotoluene	12.75	91	330797	19.098	ug/l	98
83) tert-Butylbenzene	12.97	119	325961	18.858	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	382946	19.183	ug/l	99
85) sec-Butylbenzene	13.15	105	430965	18.827	ug/l	100
86) p-Isopropyltoluene	13.26	119	382372	19.476	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	184996	15.905	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	187332	15.951	ug/l	98
89) n-Butylbenzene	13.59	91	349082	21.130	ug/l	99
90) Hexachloroethane	13.85	117	65186	14.953	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	184252	16.100	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	27429	22.347	ug/l	92

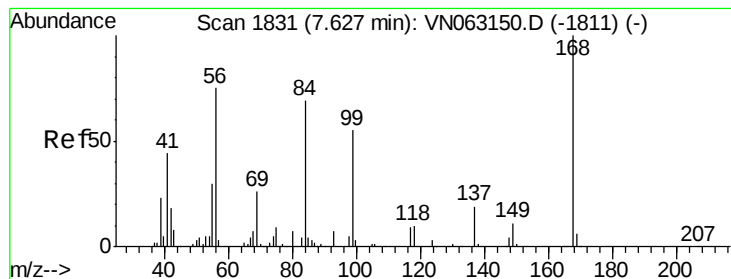
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	98467	18.572	ug/l	97
94) Hexachlorobutadiene	14.98	225	37211	10.427	ug/l	98
95) Naphthalene	15.10	128	333163	25.790	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	96161	17.533	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

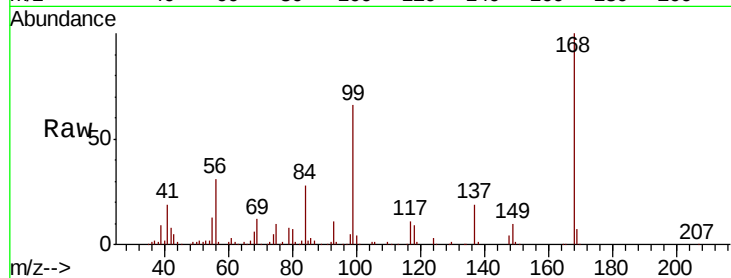
VSTDIC020

Tot Ion:168 Resp: 424953

Ion Ratio Lower Upper

168 100

99 65.9 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

200000

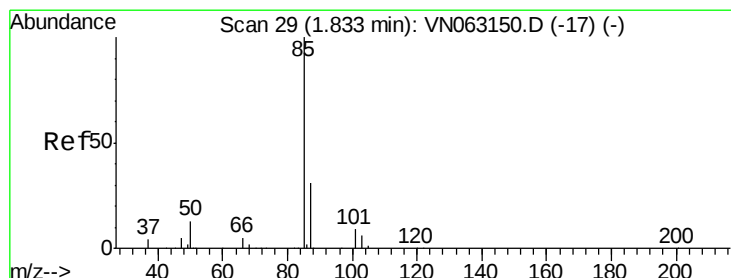
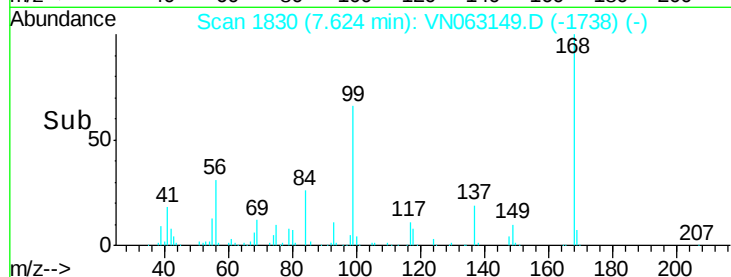
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 16.013 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063149.D

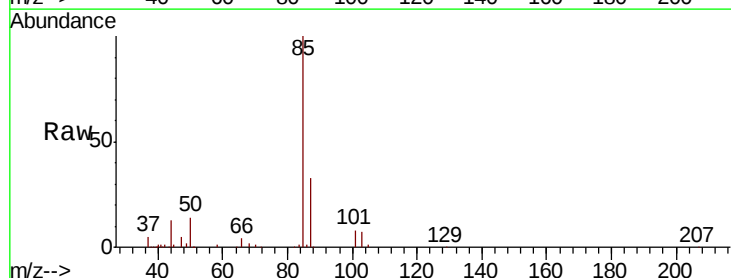
Acq: 31 Aug 2020 13:47

Tgt Ion: 85 Resp: 73660

Ion Ratio Lower Upper

85 100

87 32.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

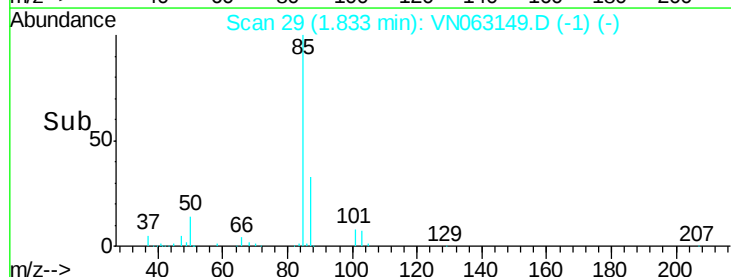
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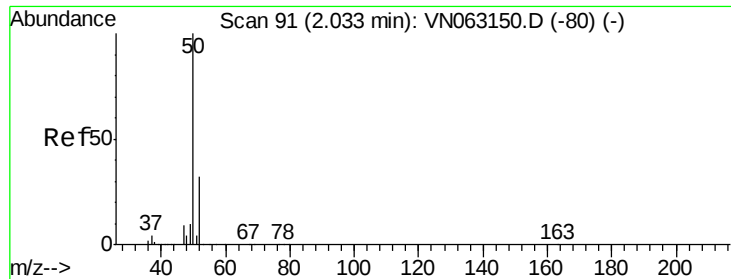
20000

10000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.506 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

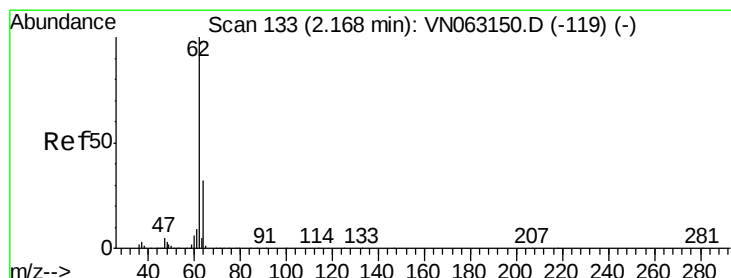
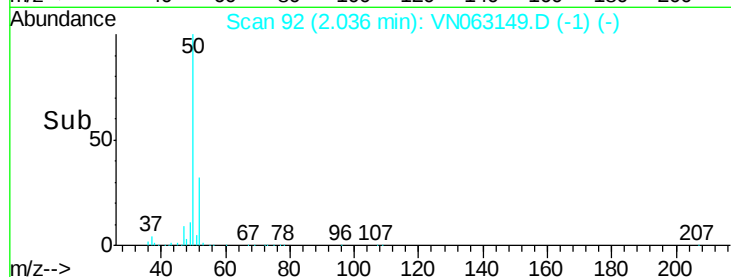
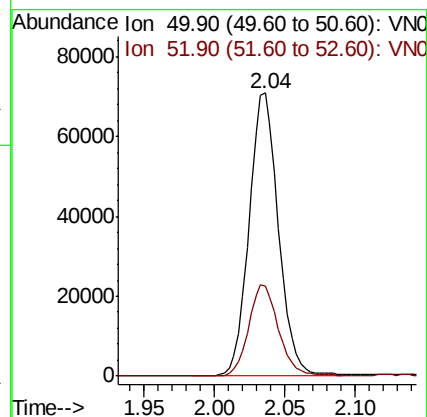
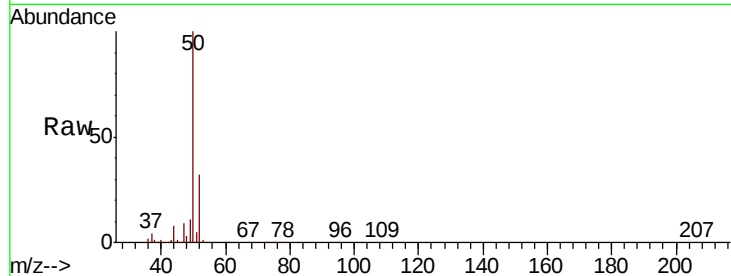
VSTDIC020

Tot Ion: 50 Resp: 103938

Ion Ratio Lower Upper

50 100

52 31.9 25.8 38.6



#4

Vinyl Chloride

Concen: 18.805 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063149.D

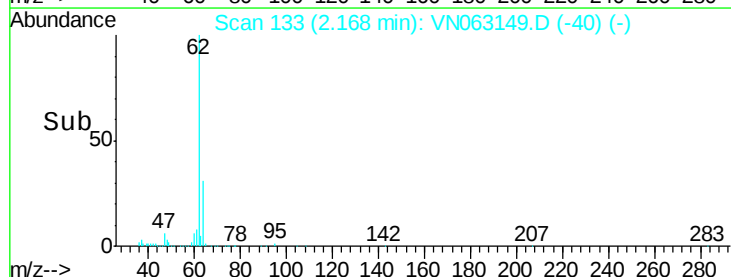
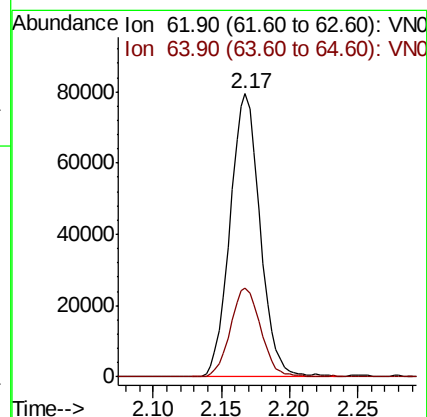
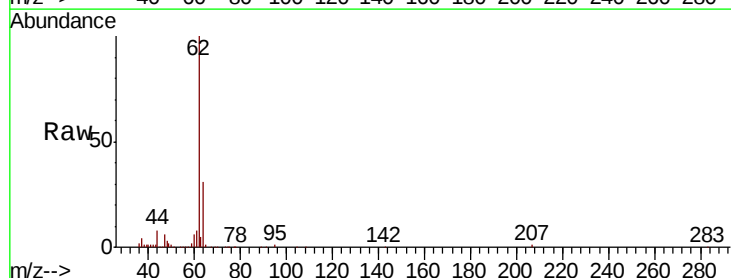
Acq: 31 Aug 2020 13:47

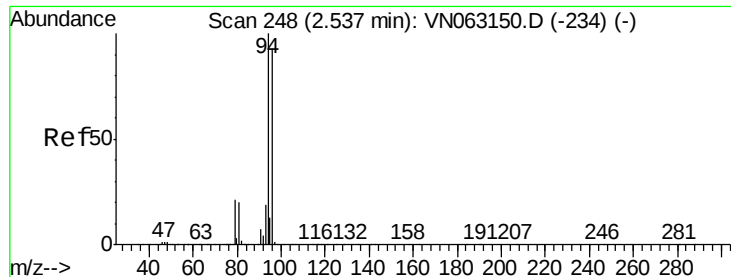
Tgt Ion: 62 Resp: 120444

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.8





#5

Bromomethane

Concen: 22.307 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

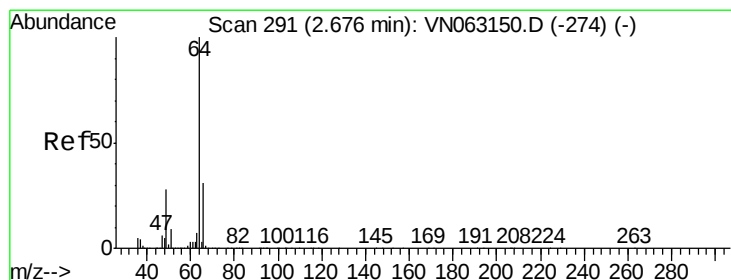
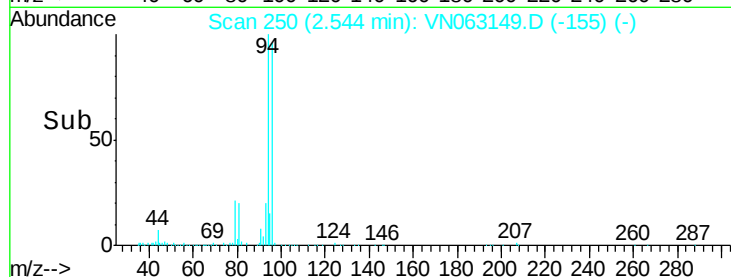
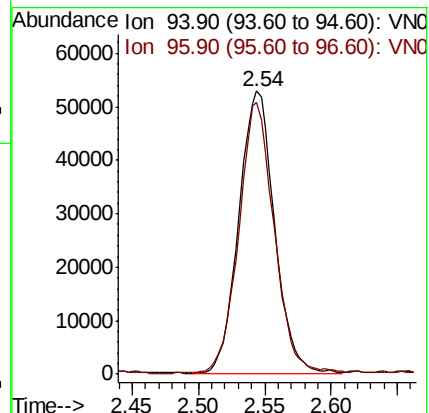
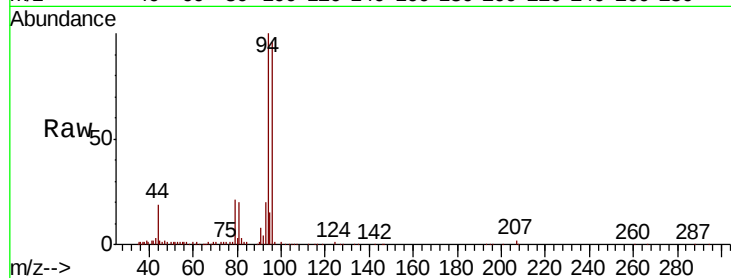
VSTDIC020

Tot Ion: 94 Resp: 98299

Ion Ratio Lower Upper

94 100

96 96.1 74.4 111.6



#6

Chloroethane

Concen: 21.598 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063149.D

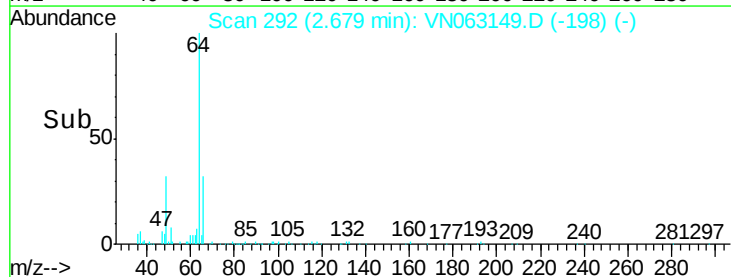
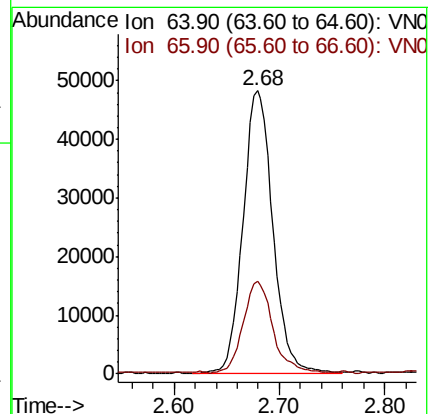
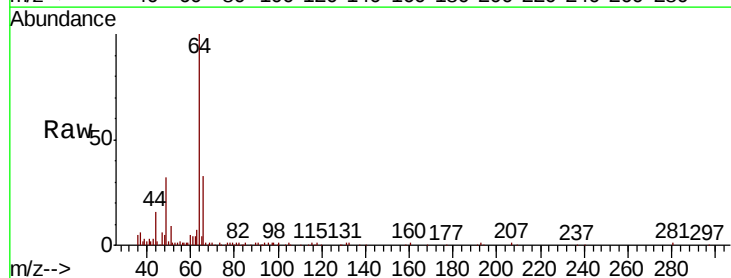
Acq: 31 Aug 2020 13:47

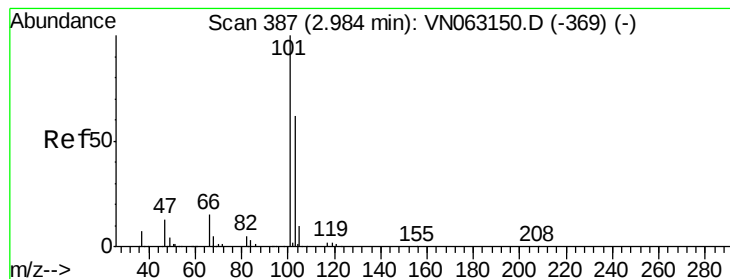
Tgt Ion: 64 Resp: 95336

Ion Ratio Lower Upper

64 100

66 32.6 24.7 37.1



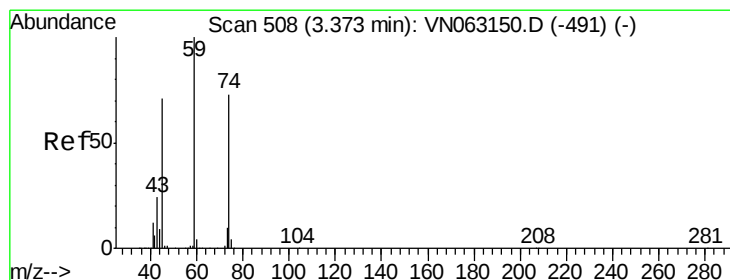
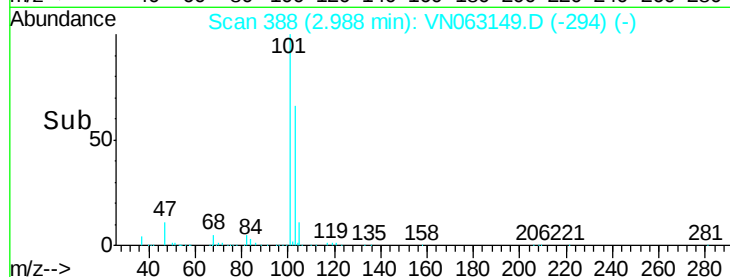
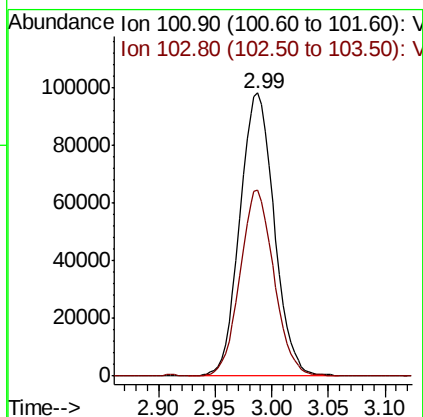
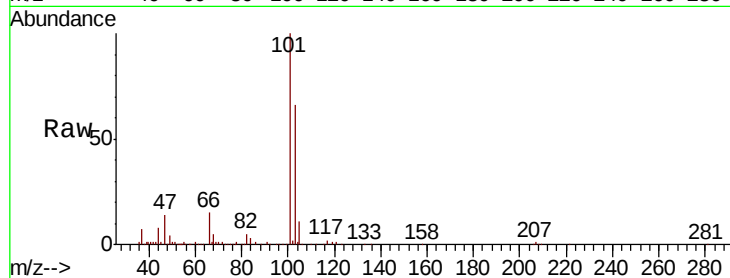


#7

Trichlorofluoromethane
Concen: 23.402 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Instrument :
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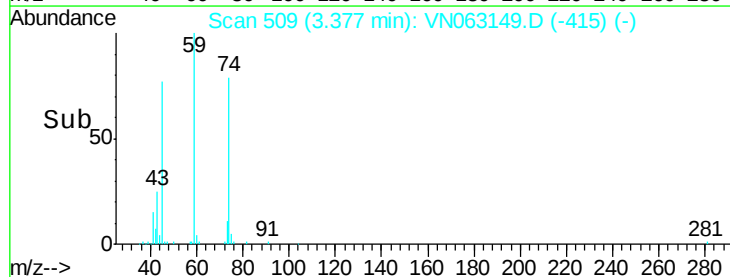
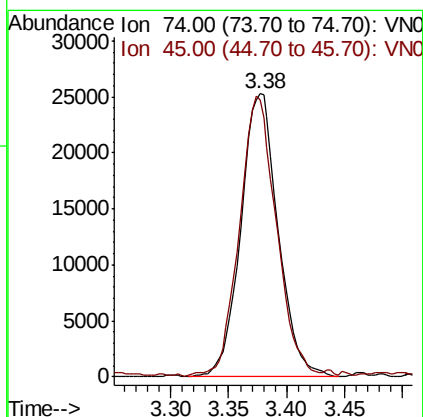
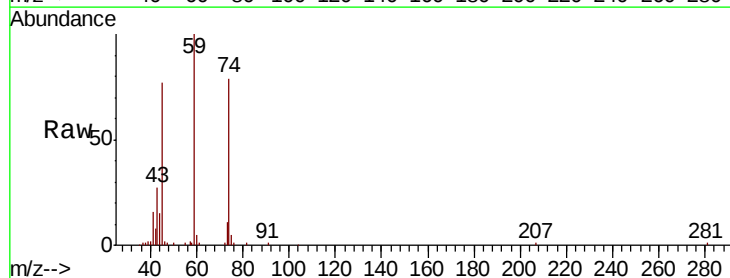
Tot Ion:101 Resp: 208194
Ion Ratio Lower Upper
101 100
103 65.5 49.7 74.5

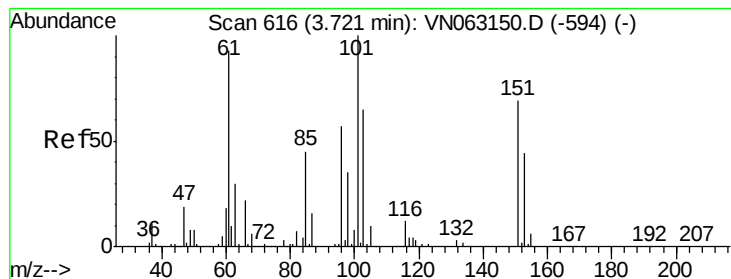


#8

Diethyl Ether
Concen: 18.664 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion: 74 Resp: 56792
Ion Ratio Lower Upper
74 100
45 98.5 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.768 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

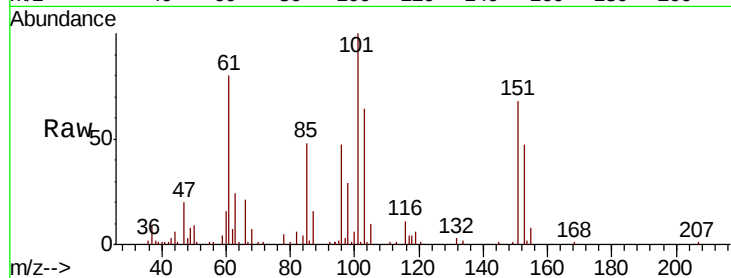
Tot Ion:101 Resp: 82896

Ion Ratio Lower Upper

101 100

85 49.1 37.8 56.8

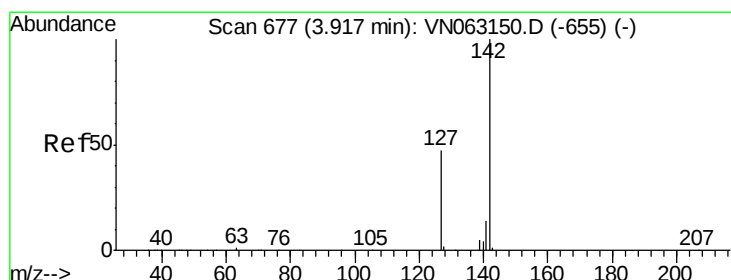
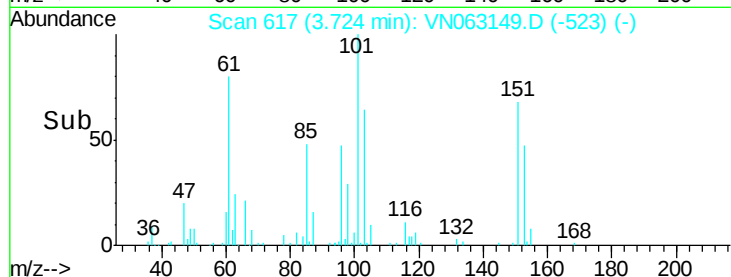
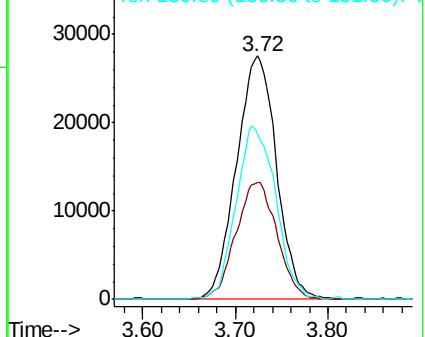
151 70.3 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.802 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

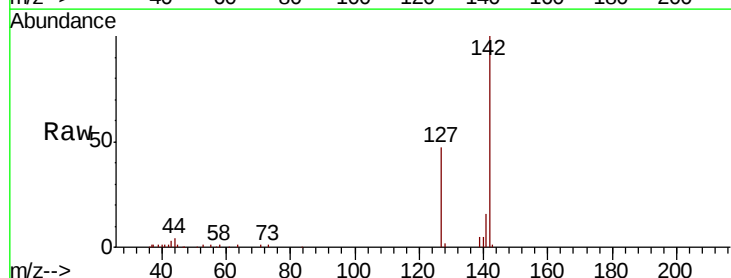
Tgt Ion:142 Resp: 110372

Ion Ratio Lower Upper

142 100

127 46.1 37.6 56.4

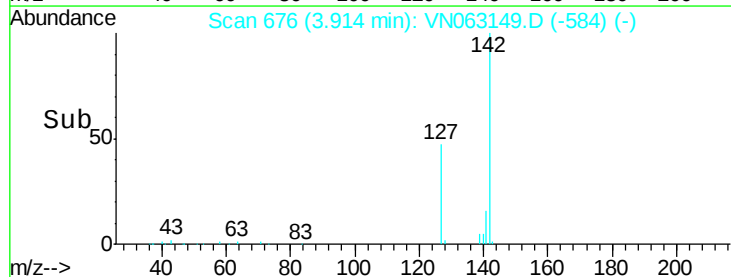
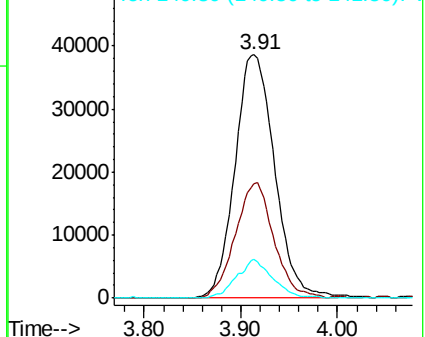
141 14.4 11.3 16.9

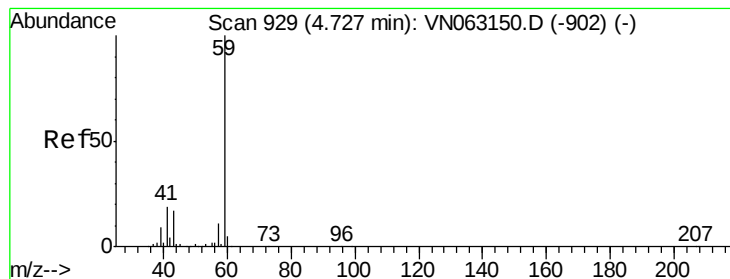


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



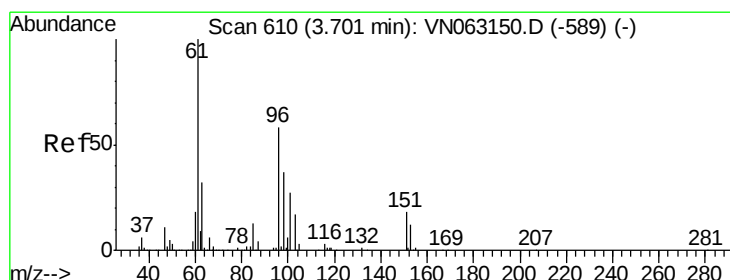
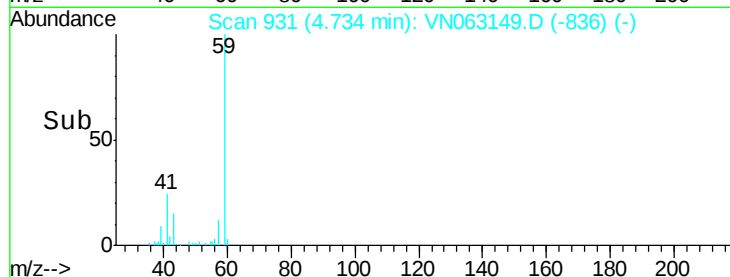
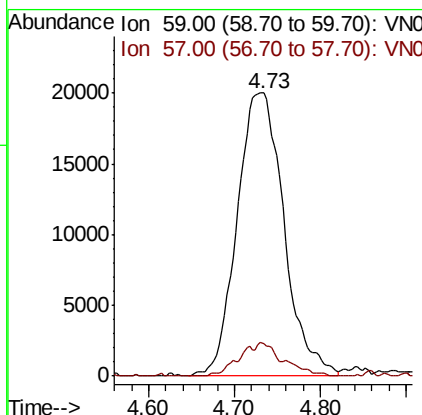
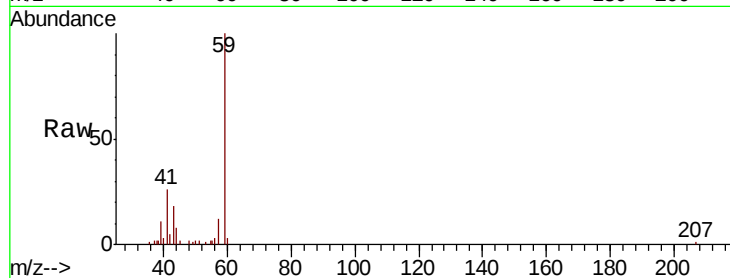


#11

Tert butyl alcohol
 Concen: 144.348 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

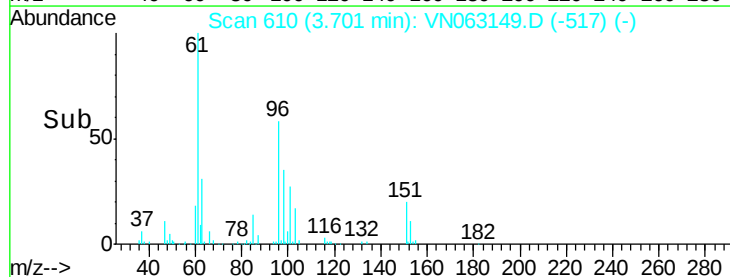
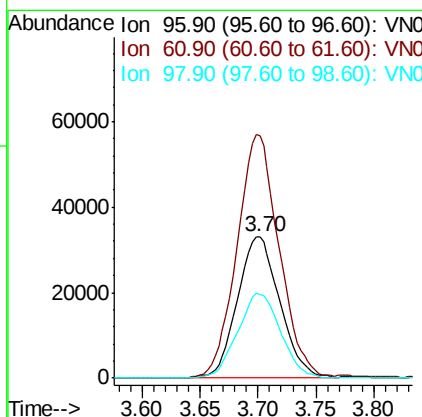
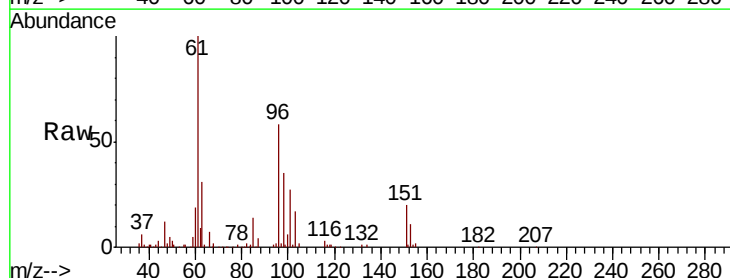
Tot Ion: 59 Resp: 75717
 Ion Ratio Lower Upper
 59 100
 57 2.4 8.4 12.6#

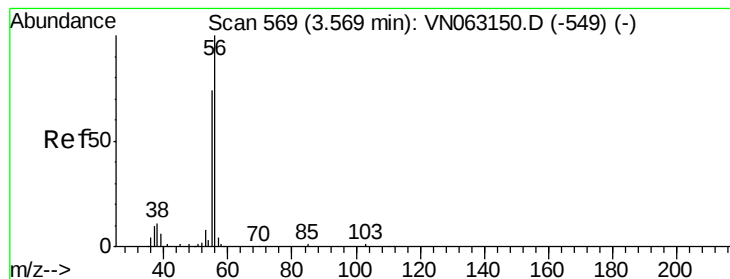


#12

1,1-Dichloroethene
 Concen: 17.846 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Tgt Ion: 96 Resp: 84102
 Ion Ratio Lower Upper
 96 100
 61 170.7 137.4 206.2
 98 59.3 50.5 75.7





#13

Acrolein

Concen: 98.244 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

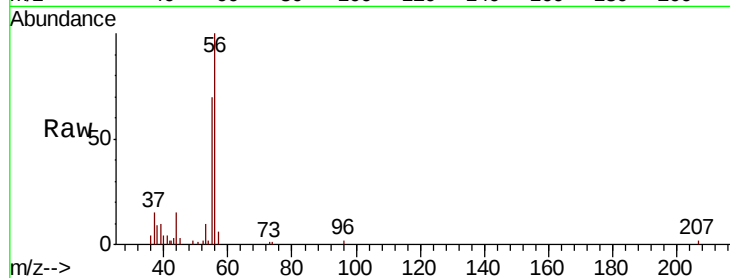
VSTDIC020

Tot Ion: 56 Resp: 27178

Ion Ratio Lower Upper

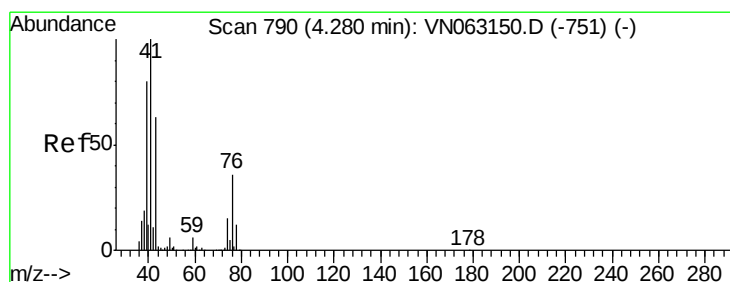
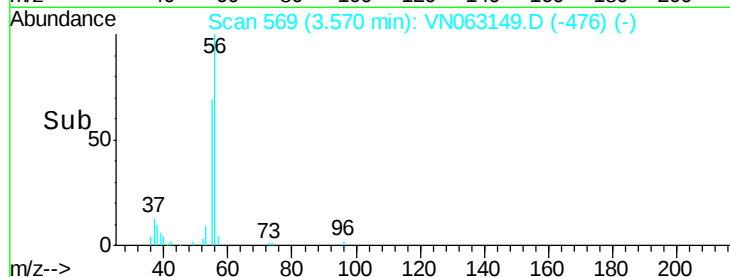
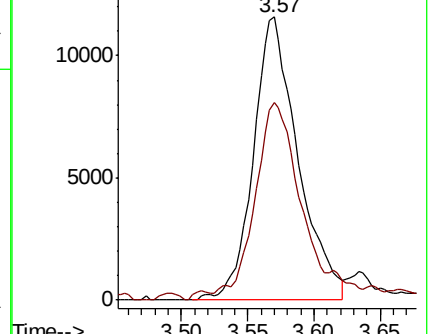
56 100

55 68.9 55.4 83.0



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

Ion 55.00 (54.70 to 55.70): VN063150.D (-549) (-)



#14

Allyl chloride

Concen: 18.599 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

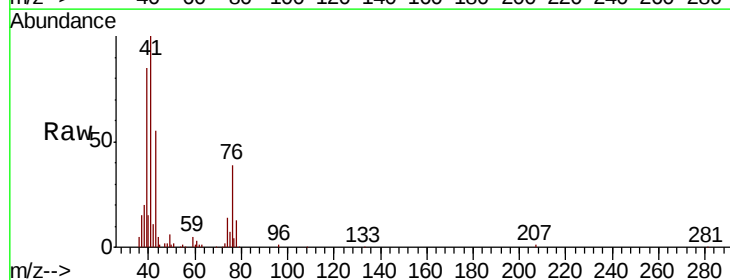
Tgt Ion: 41 Resp: 142010

Ion Ratio Lower Upper

41 100

39 80.6 60.2 90.2

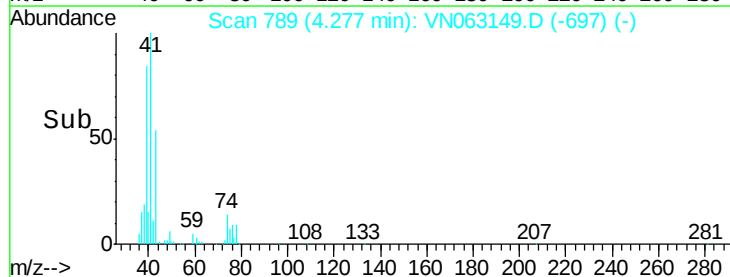
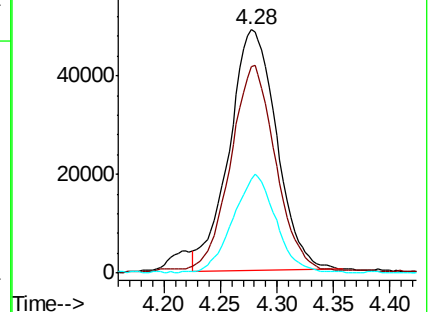
76 37.6 27.7 41.5

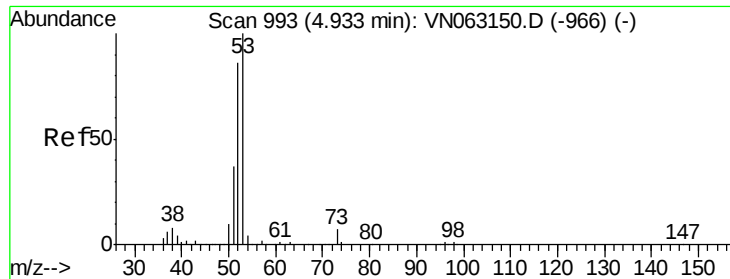


Abundance Ion 41.00 (40.70 to 41.70): VN063150.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN063150.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063150.D (-751) (-)





#15

Acrylonitrile

Concen: 104.508 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

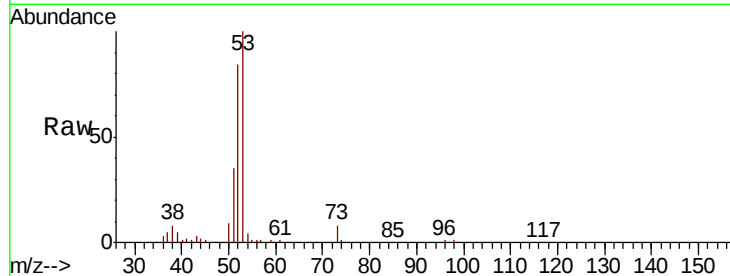
MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 53 Resp: 203557

Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.2	100.8
51	38.2	30.2	45.4

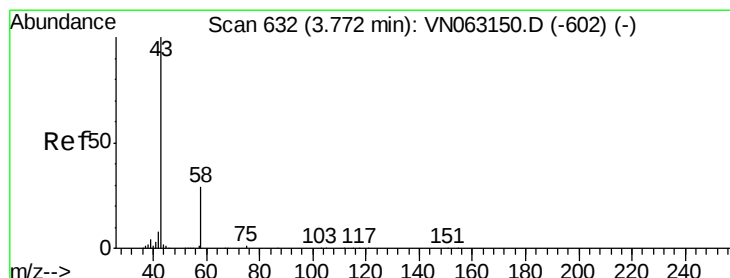
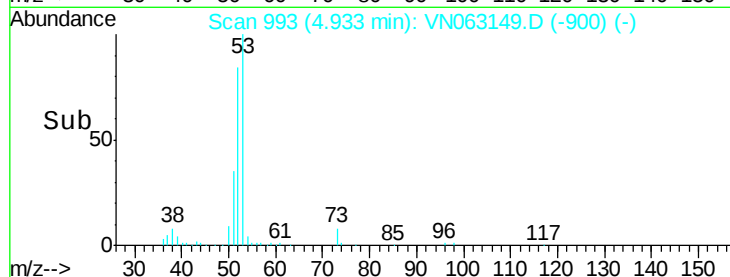
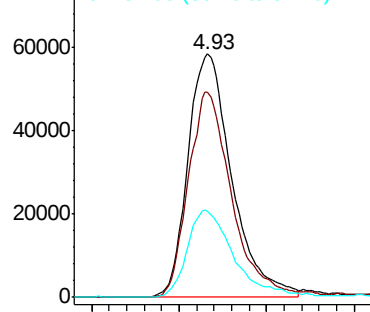


Abundance

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: 103.548 ug/l

RT: 3.78 min Scan# 633

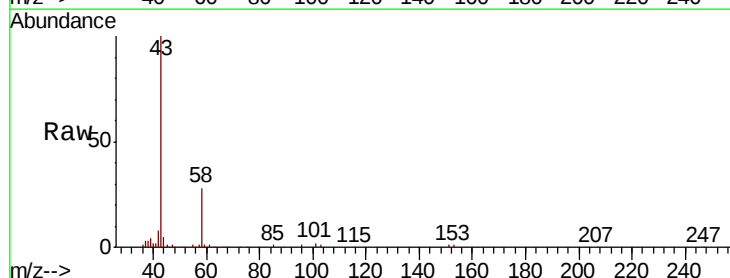
Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Tgt Ion: 43 Resp: 170036

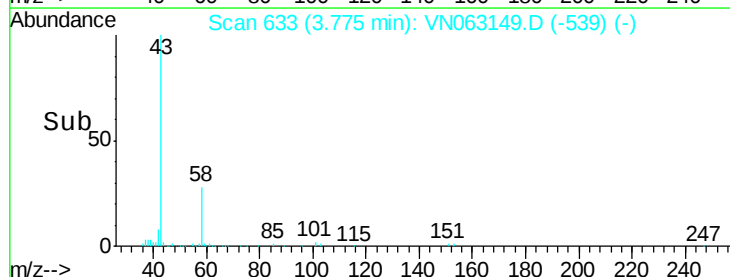
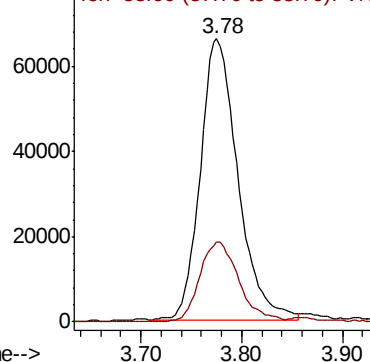
Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.1	34.7

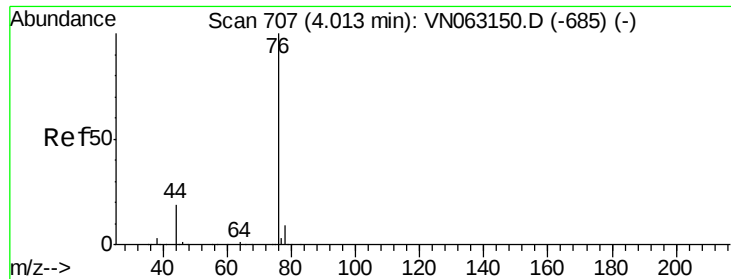


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

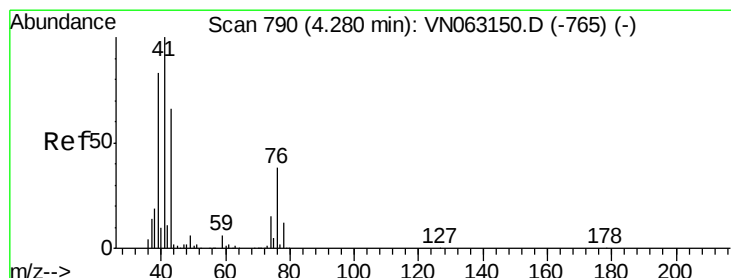
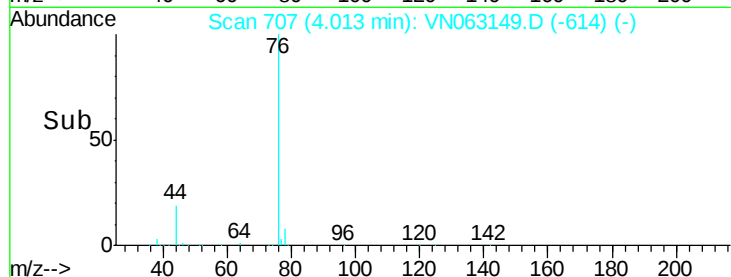
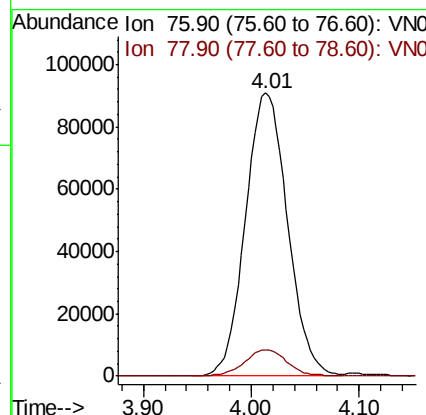
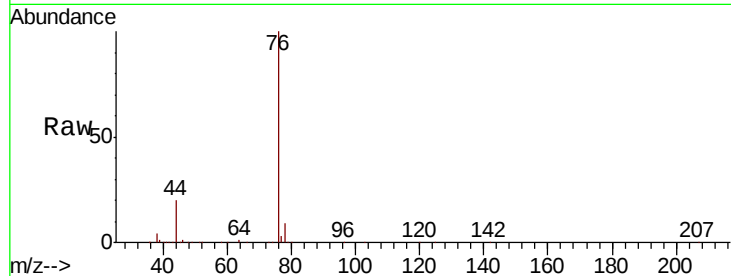




#17
Carbon Disulfide
Concen: 17.510 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

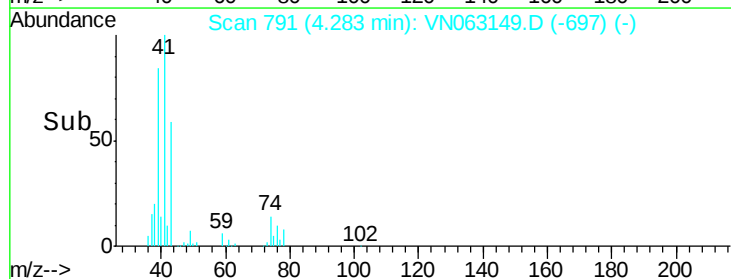
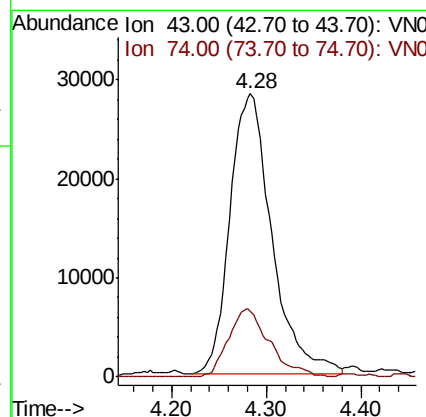
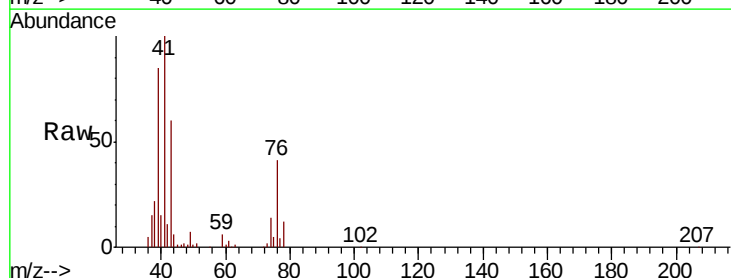
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

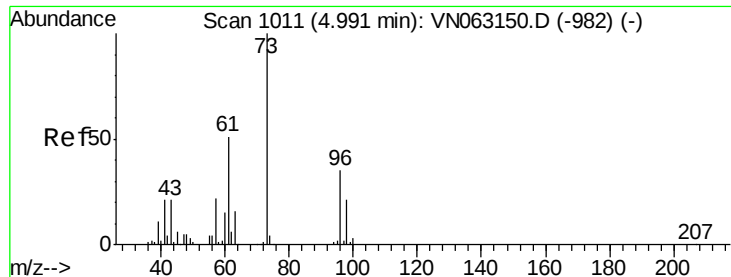
Tot Ion: 76 Resp: 247063
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 14.790 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion: 43 Resp: 86660
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



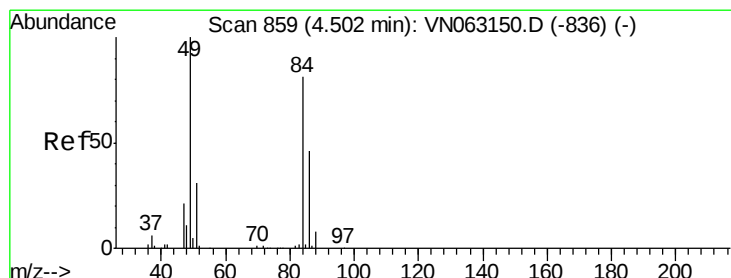
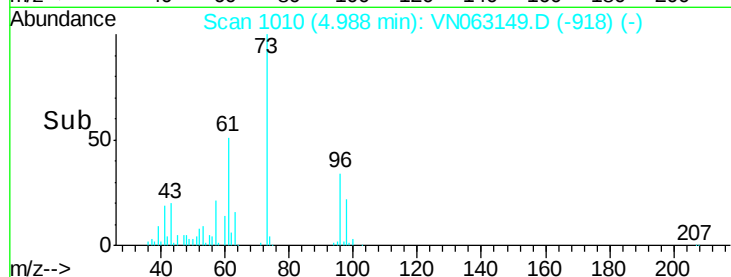
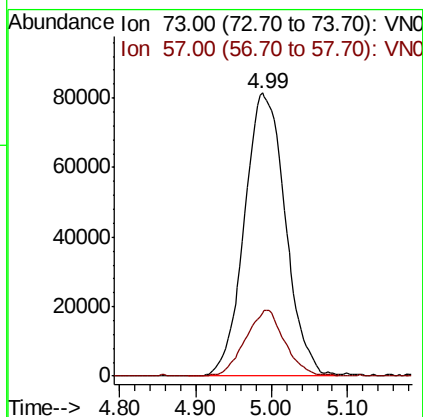
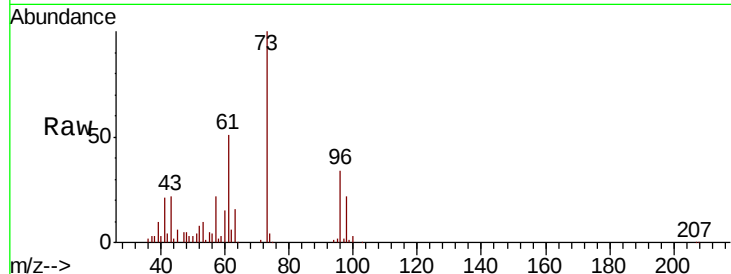


#19

Methyl tert-butyl Ether
 Concen: 22.401 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

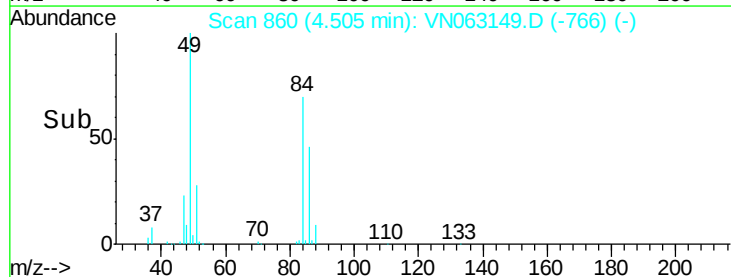
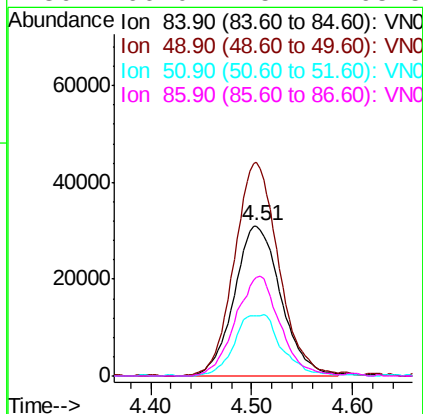
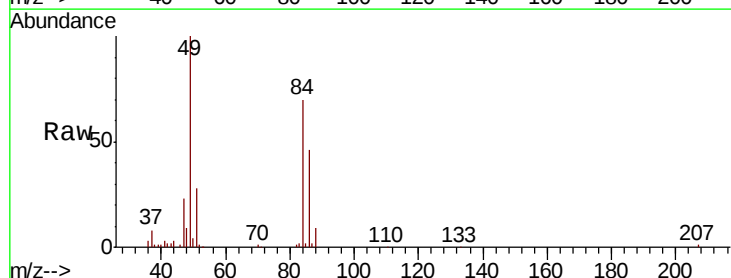
Tot Ion: 73 Resp: 305142
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.6 26.4

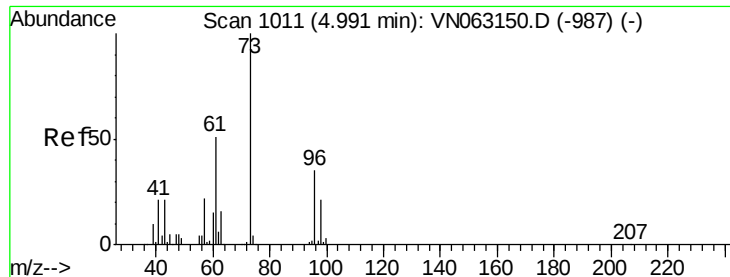


#20

Methylene Chloride
 Concen: 16.912 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Tgt Ion: 84 Resp: 99518
 Ion Ratio Lower Upper
 84 100
 49 141.5 98.4 147.6
 51 40.4 30.4 45.6
 86 66.0 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 17.957 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

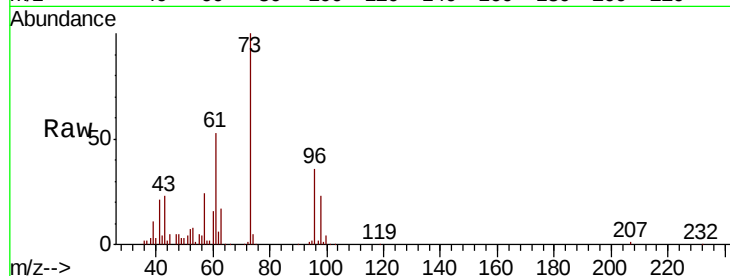
Tot Ion: 96 Resp: 90485

Ion Ratio Lower Upper

96 100

61 147.1 116.2 174.4

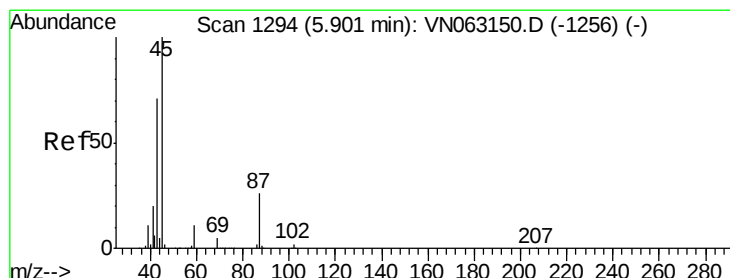
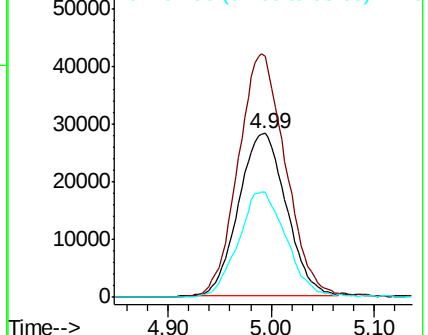
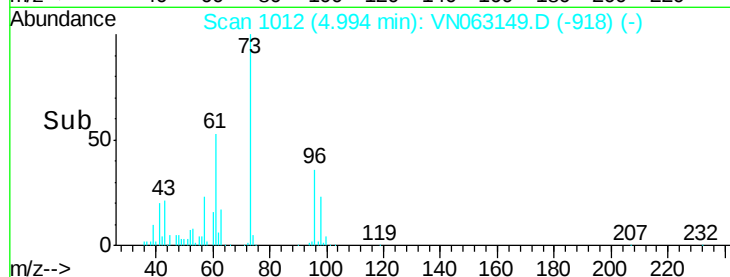
98 64.7 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN063149.D (-918) (-)

Ion 60.90 (60.60 to 61.60): VN063149.D (-918) (-)

Ion 97.90 (97.60 to 98.60): VN063149.D (-918) (-)



#22

Diisopropyl ether

Concen: 20.974 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Tgt Ion: 45 Resp: 327168

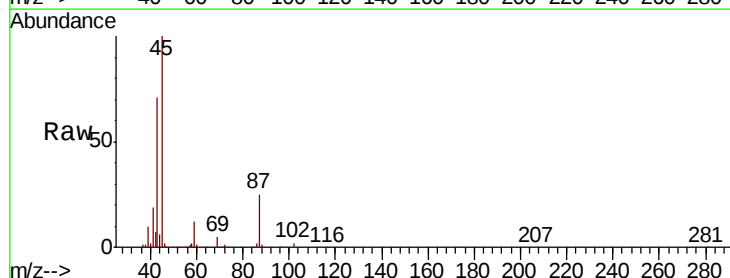
Ion Ratio Lower Upper

45 100

43 69.2 56.8 85.2

87 25.3 21.1 31.7

59 11.6 8.9 13.3

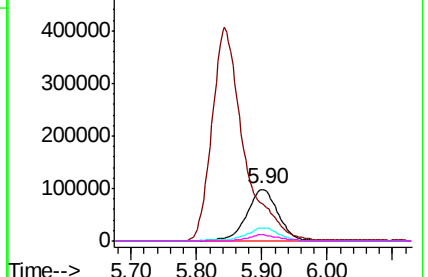
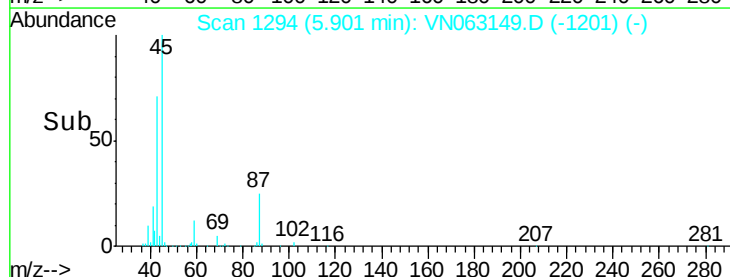


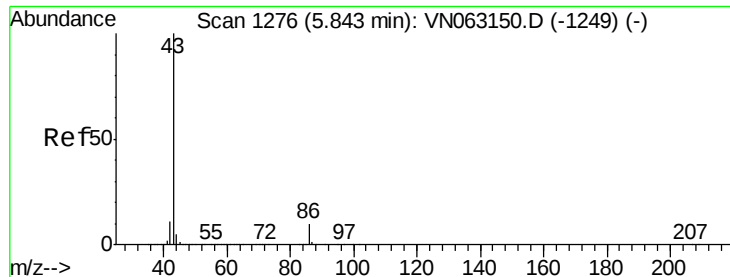
Abundance Ion 45.00 (44.70 to 45.70): VN063149.D (-1201) (-)

Ion 43.00 (42.70 to 43.70): VN063149.D (-1201) (-)

Ion 87.00 (86.70 to 87.70): VN063149.D (-1201) (-)

Ion 59.00 (58.70 to 59.70): VN063149.D (-1201) (-)





#23

Vinyl Acetate

Concen: 121.054 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

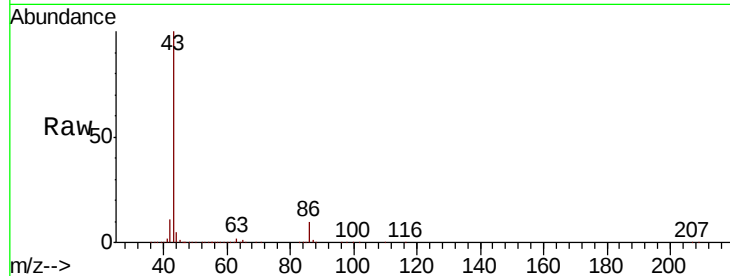
VSTDIC020

Tot Ion: 43 Resp: 1380377

Ion Ratio Lower Upper

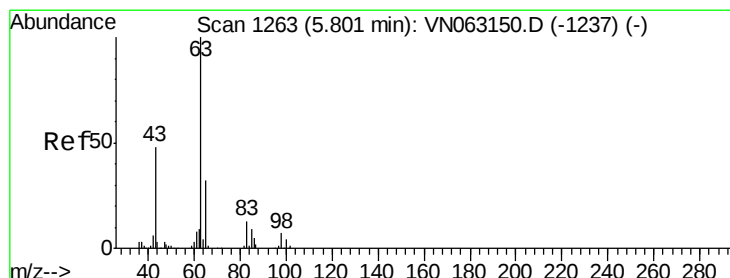
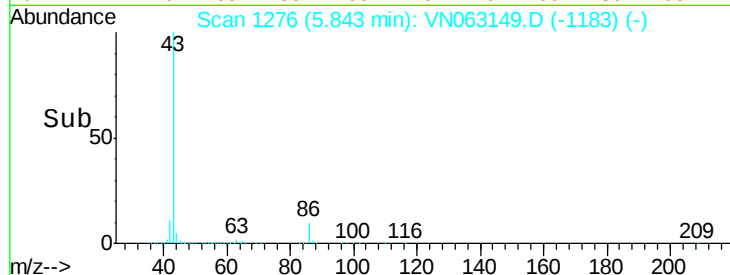
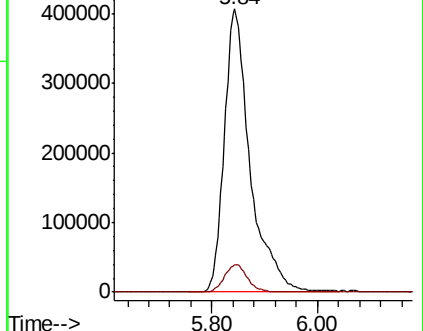
43 100

86 9.7 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN063149.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN063149.D (-1183) (-)



#24

1,1-Dichloroethane

Concen: 18.864 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

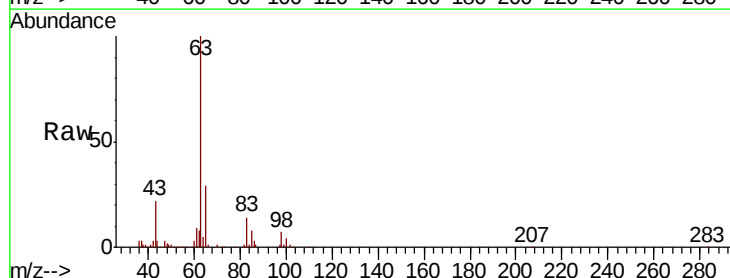
Tgt Ion: 63 Resp: 185788

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

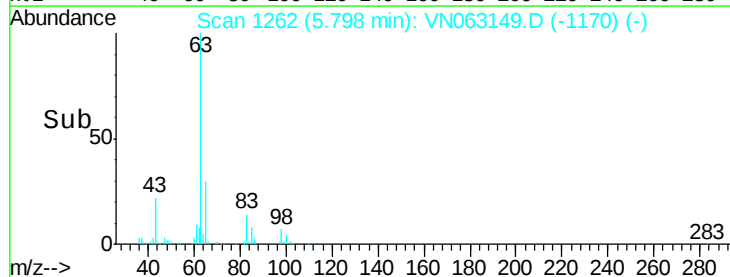
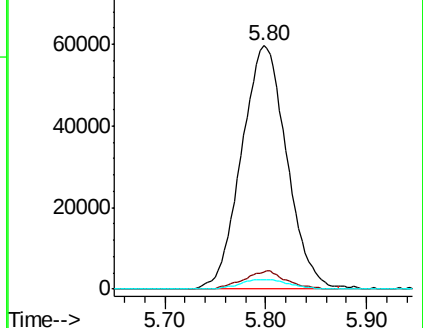
100 3.9 2.3 6.8

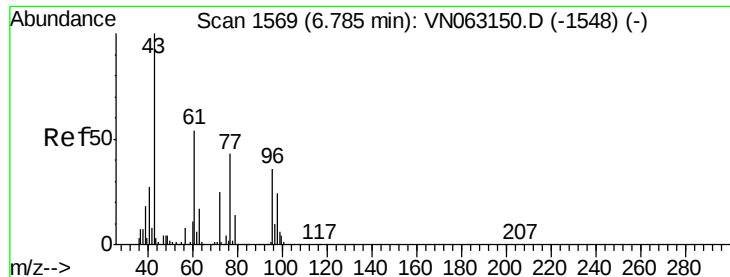


Abundance Ion 62.90 (62.60 to 63.60): VN063149.D (-1170) (-)

Ion 97.90 (97.60 to 98.60): VN063149.D (-1170) (-)

Ion 99.90 (99.60 to 100.60): VN063149.D (-1170) (-)

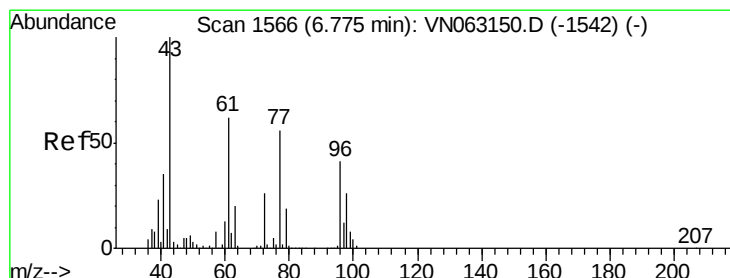
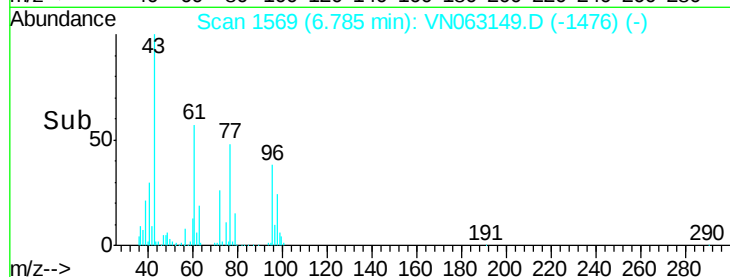
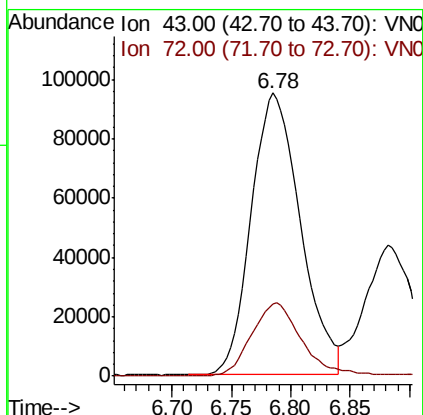
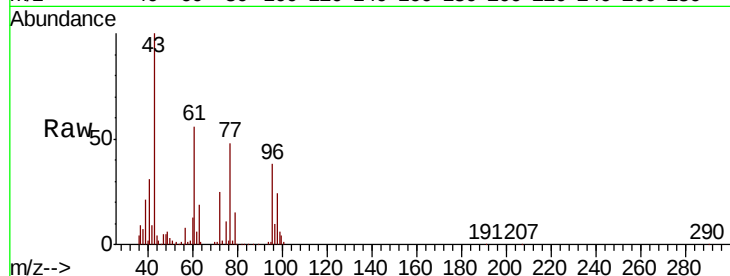




#25
2-Butanone
Concen: 114.741 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

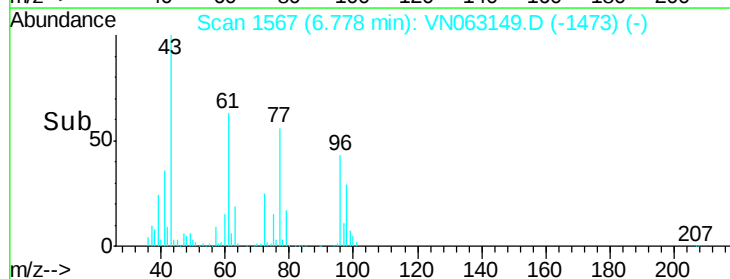
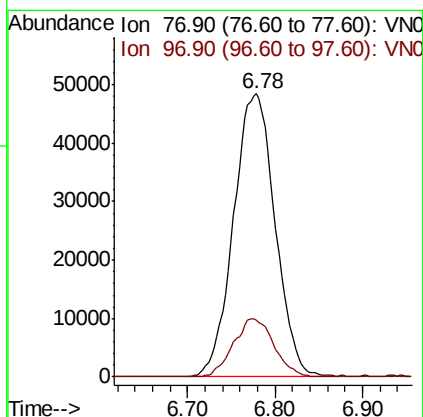
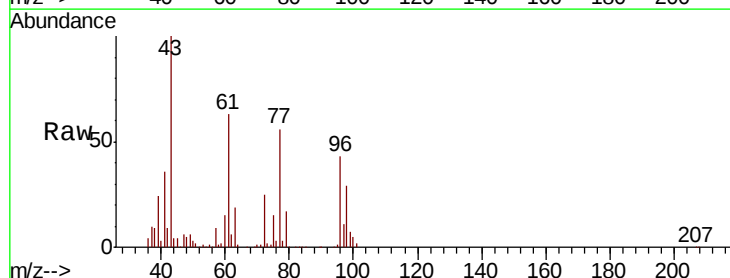
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

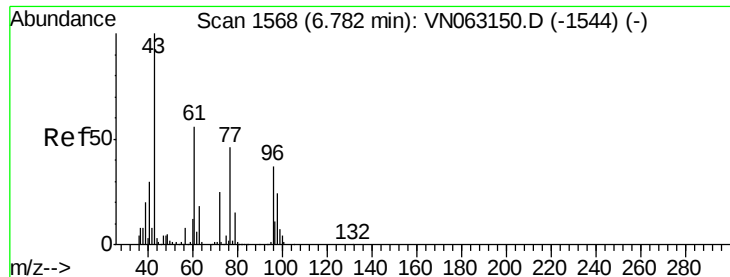
Tot Ion: 43 Resp: 273118
Ion Ratio Lower Upper
43 100
72 25.5 20.2 30.4



#26
2,2-Dichloropropane
Concen: 20.381 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion: 77 Resp: 159594
Ion Ratio Lower Upper
77 100
97 20.0 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.775 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

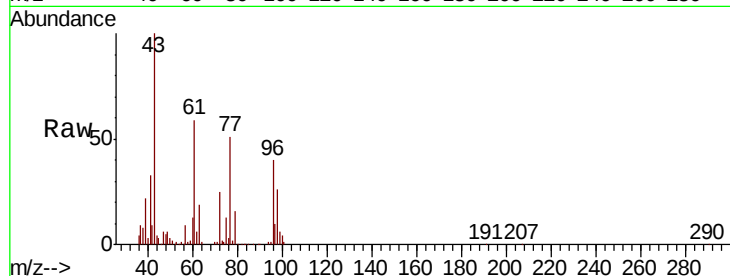
Tot Ion: 96 Resp: 110254

Ion Ratio Lower Upper

96 100

61 150.6 0.0 303.2

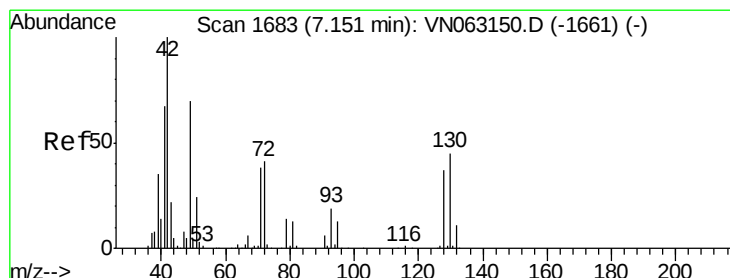
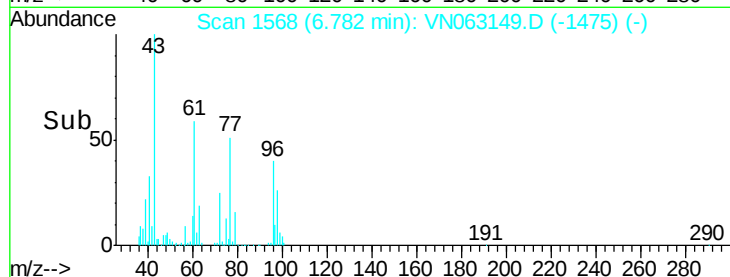
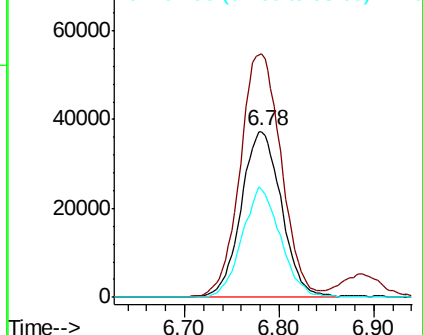
98 63.3 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN063149.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN063149.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN063149.D (-1475) (-)



#28

Bromochloromethane

Concen: 20.640 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

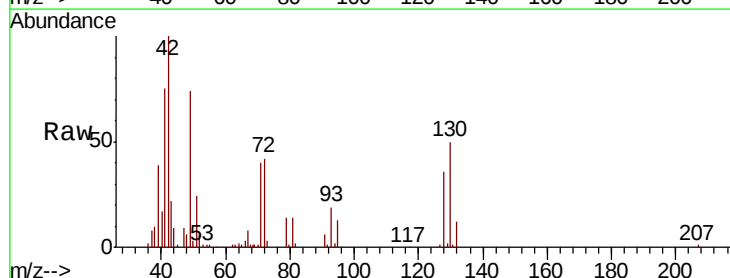
Tgt Ion: 49 Resp: 93671

Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

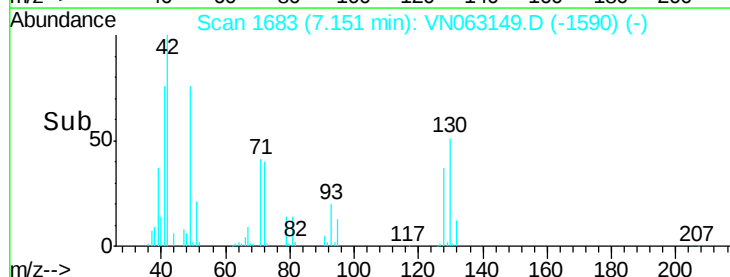
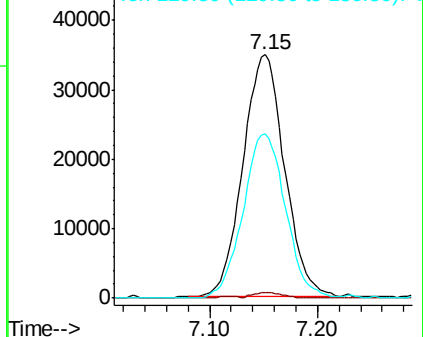
130 69.0 54.4 81.6

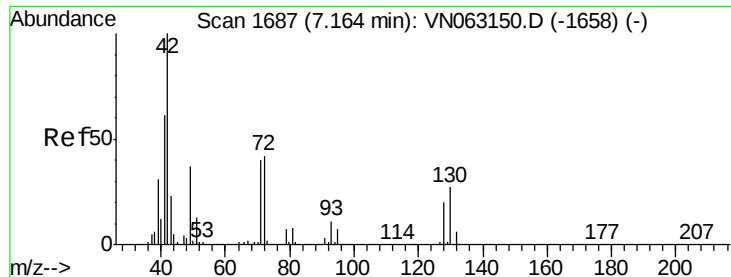


Abundance Ion 48.90 (48.60 to 49.60): VN063149.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063149.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063149.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 126.053 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

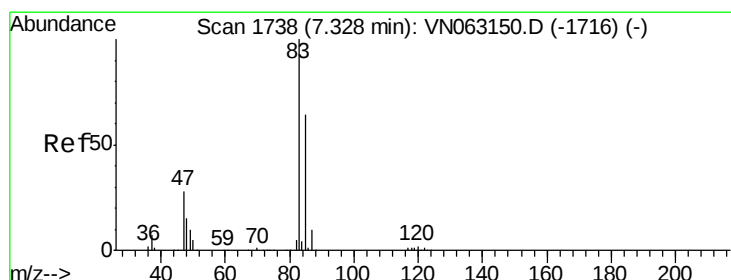
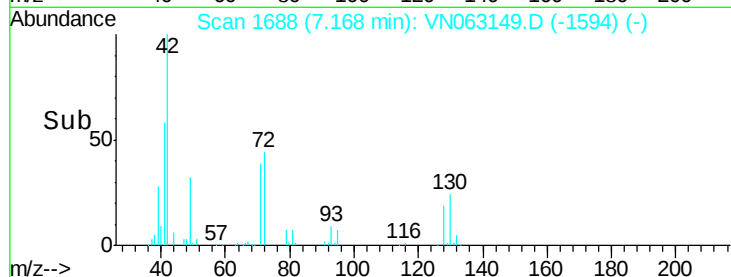
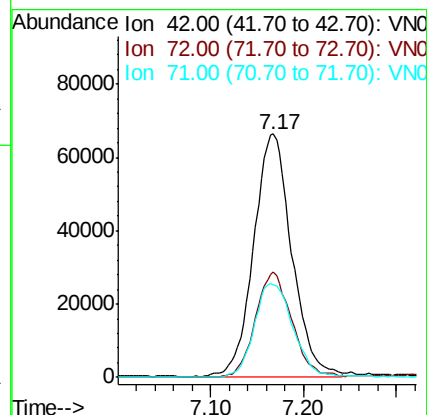
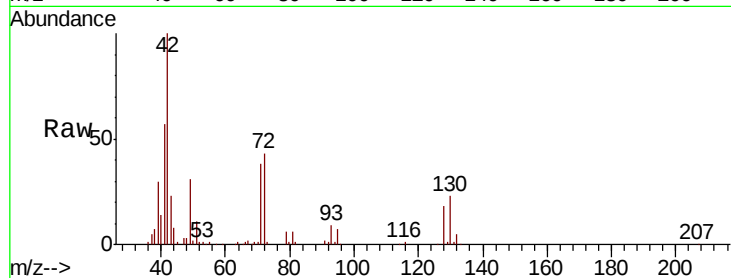
Tot Ion: 42 Resp: 190980

Ion Ratio Lower Upper

42 100

72 41.1 33.9 50.9

71 39.0 31.9 47.9



#30

Chloroform

Concen: 18.065 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063149.D

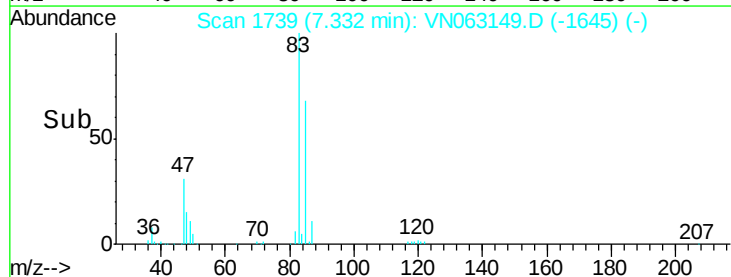
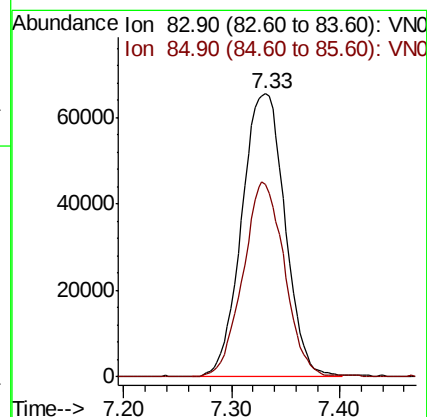
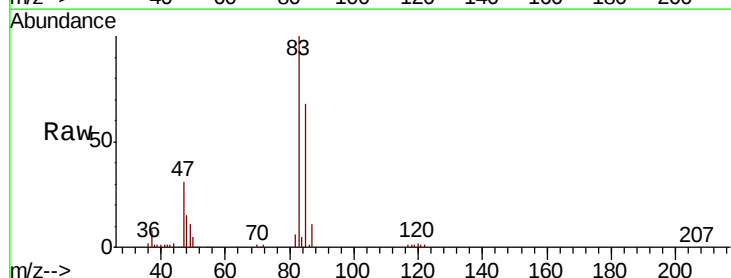
Acq: 31 Aug 2020 13:47

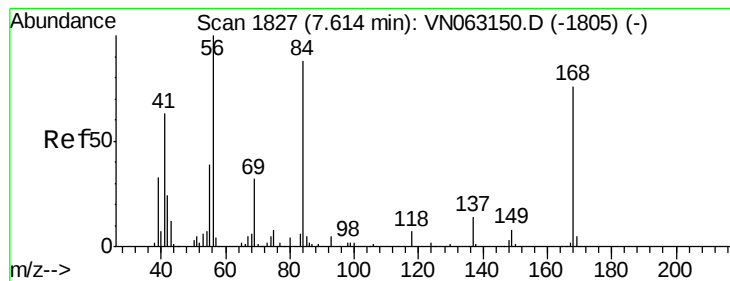
Tgt Ion: 83 Resp: 182874

Ion Ratio Lower Upper

83 100

85 67.8 51.0 76.6





#31

Cyclohexane

Concen: 18.371 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

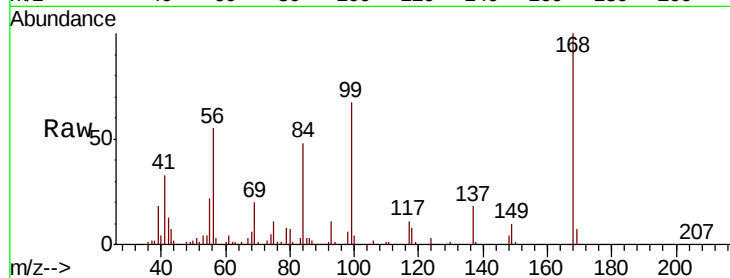
Tot Ion: 56 Resp: 169091

Ion Ratio Lower Upper

56 100

69 36.0 25.4 38.0

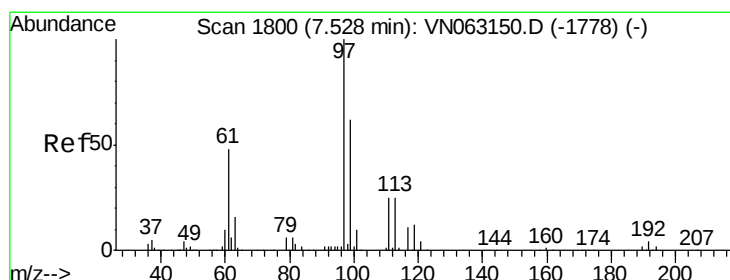
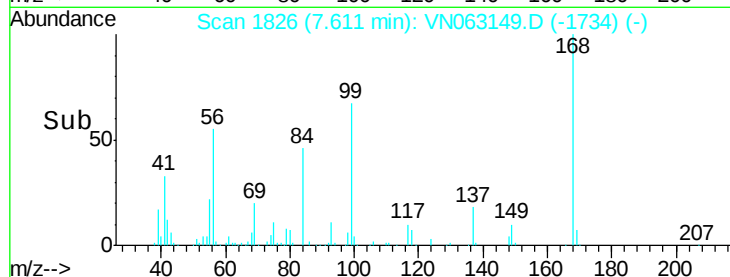
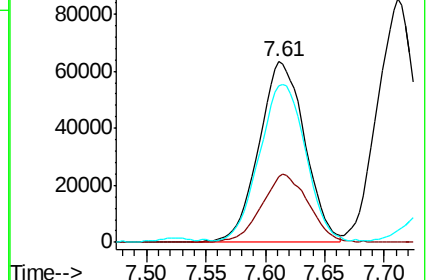
84 85.1 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VN063149.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063149.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063149.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 18.513 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

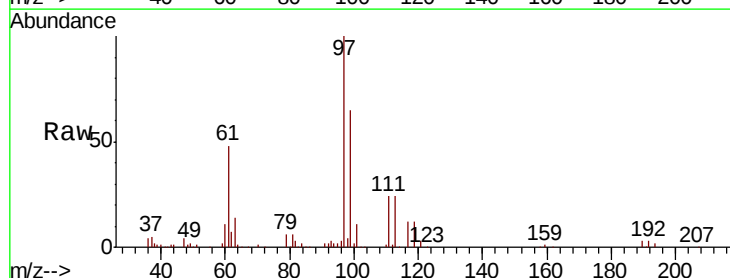
Tgt Ion: 97 Resp: 162920

Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

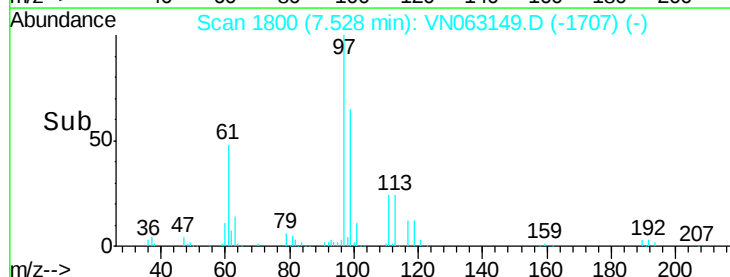
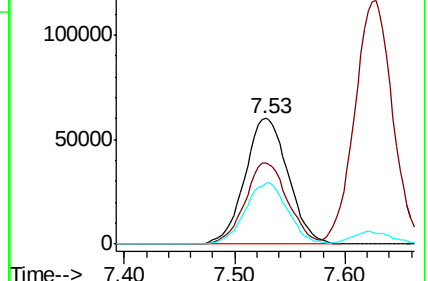
61 48.0 37.4 56.2

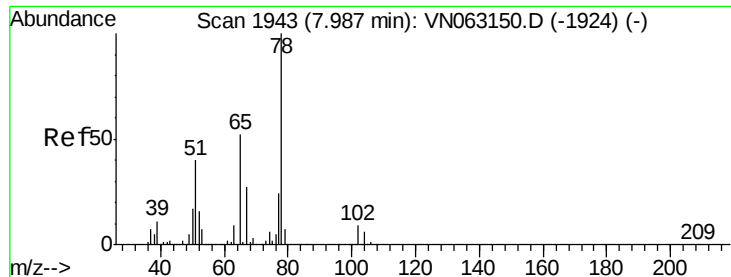


Abundance Ion 96.90 (96.60 to 97.60): VN063149.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063149.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063149.D (-1707) (-)

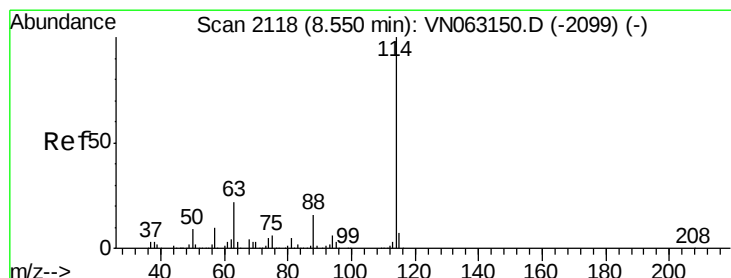
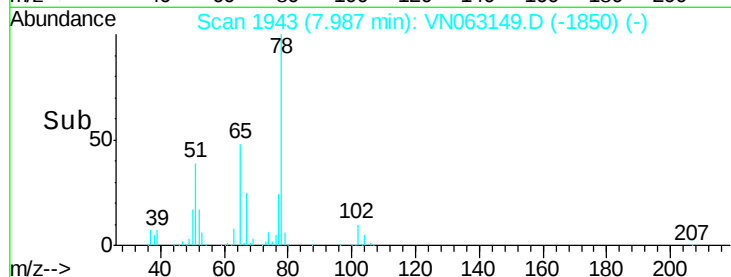
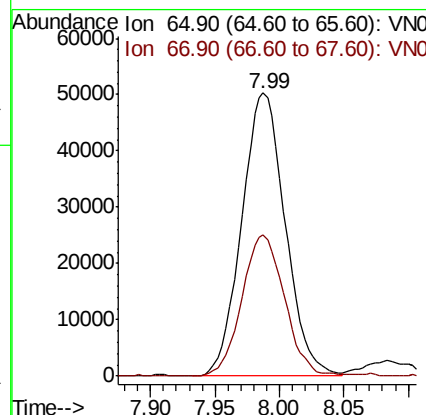
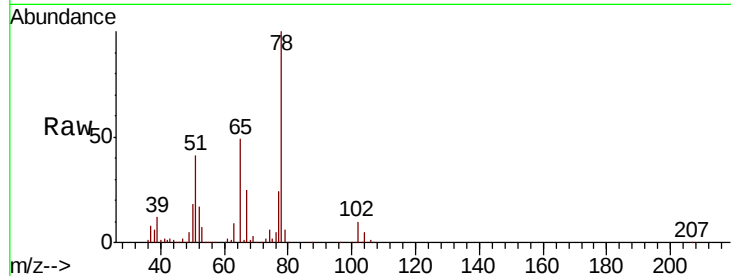




#33
 1,2-Dichloroethane-d4
 Concen: 19.198 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

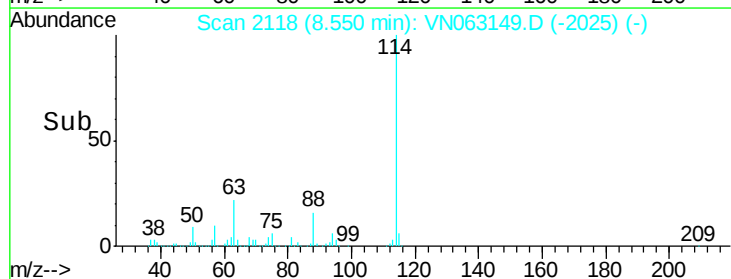
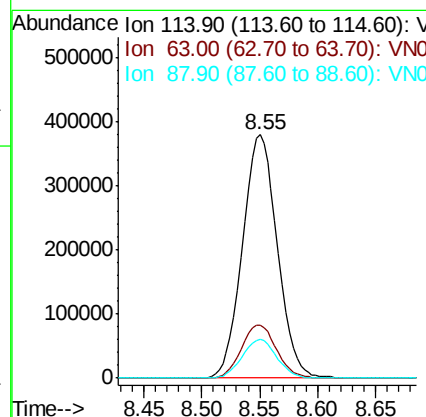
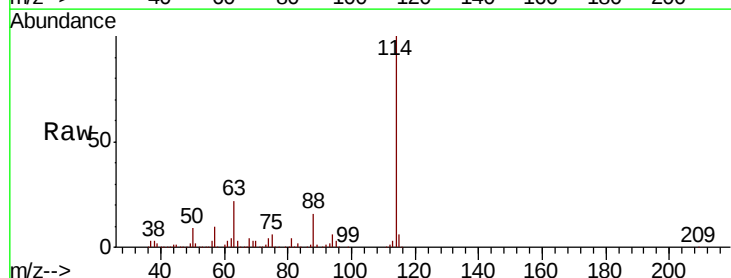
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

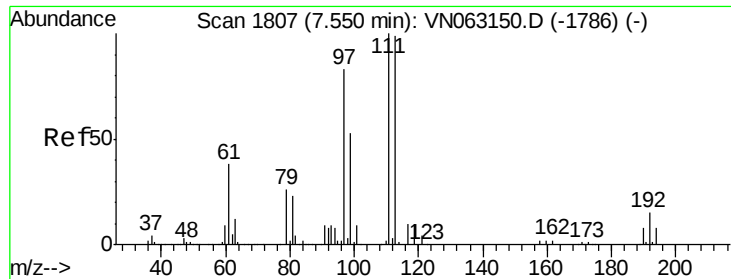
Tot Ion: 65 Resp: 118390
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Tgt Ion: 114 Resp: 792765
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.0
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 13.287 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

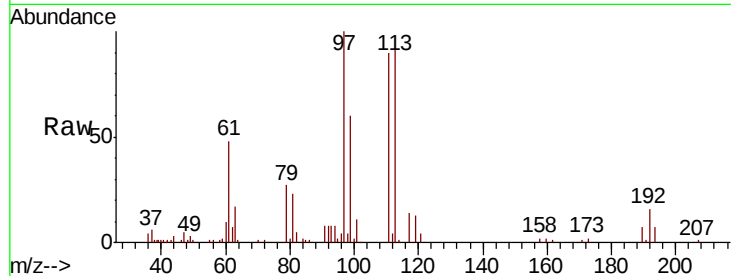
Tot Ion:113 Resp: 85188

Ion Ratio Lower Upper

113 100

111 103.8 80.7 121.1

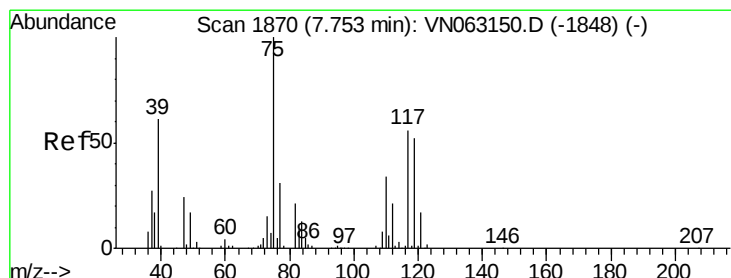
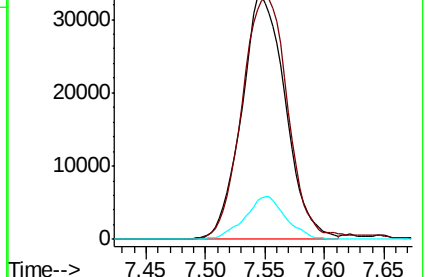
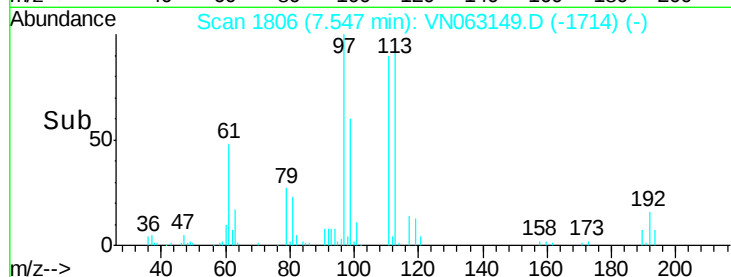
192 16.3 12.6 19.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 15.970 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

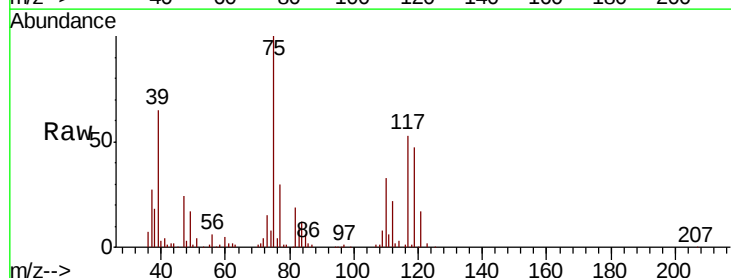
Tgt Ion: 75 Resp: 138373

Ion Ratio Lower Upper

75 100

110 33.7 16.6 49.8

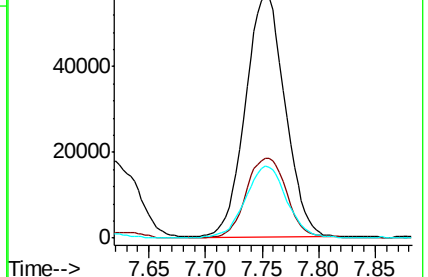
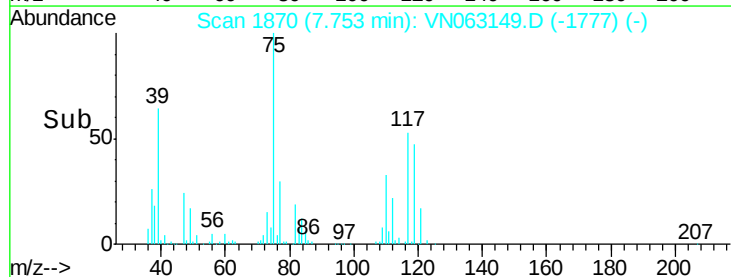
77 31.1 25.4 38.2

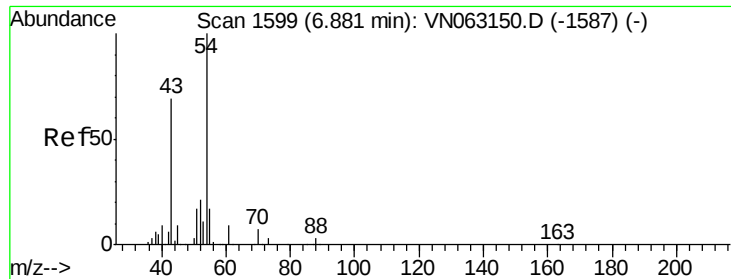


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

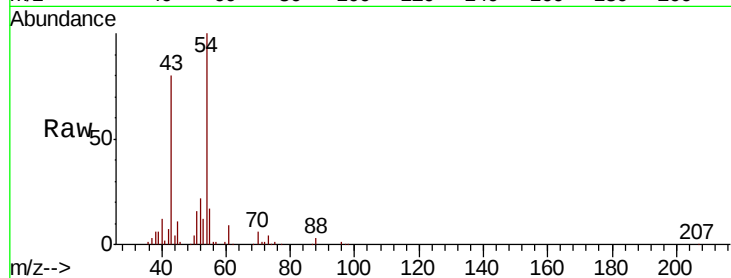




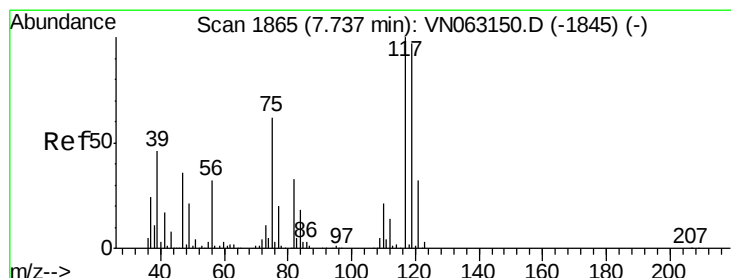
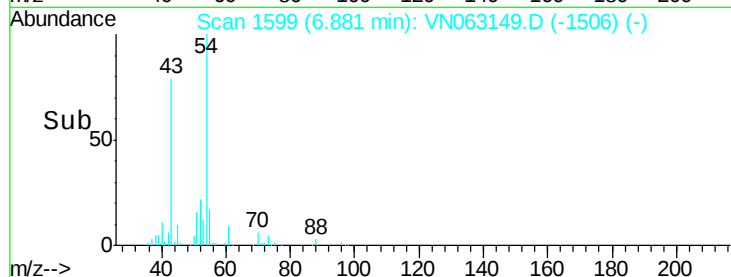
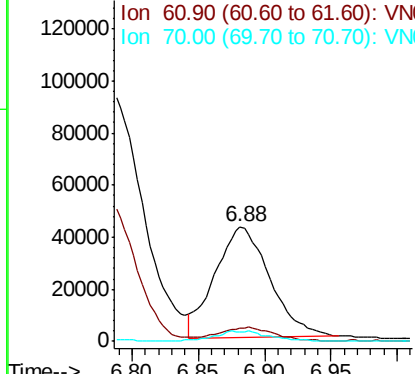
#37
Ethyl Acetate
Concen: 19.312 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 121577
Ion Ratio Lower Upper
43 100
61 12.4 10.2 15.4
70 4.0 3.0 4.6

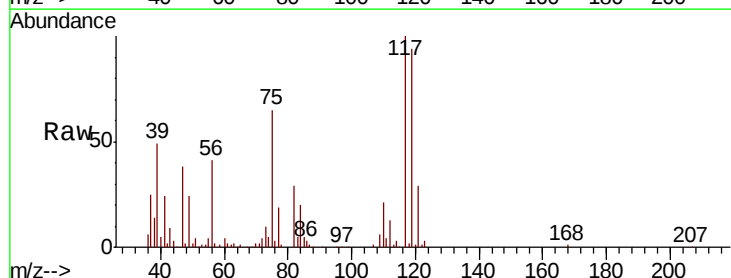


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

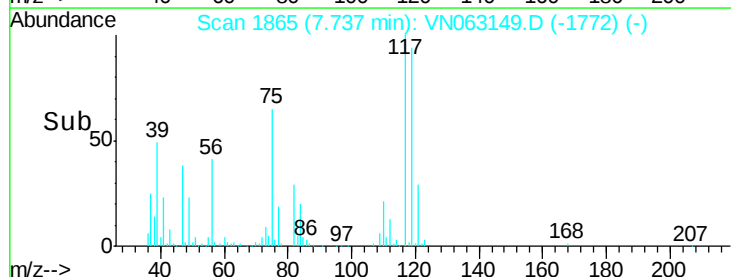
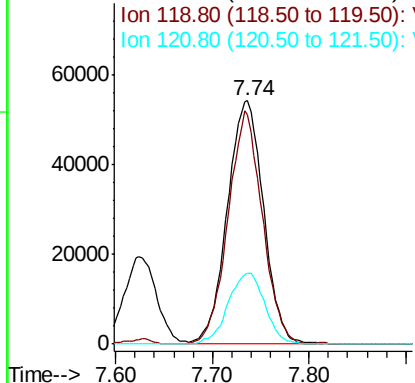


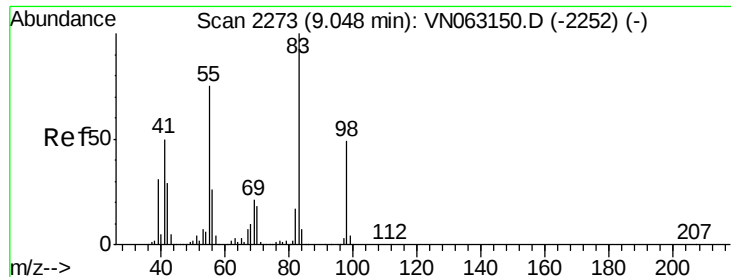
#38
Carbon Tetrachloride
Concen: 15.170 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion: 117 Resp: 140957
Ion Ratio Lower Upper
117 100
119 94.3 77.2 115.8
121 29.1 25.6 38.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

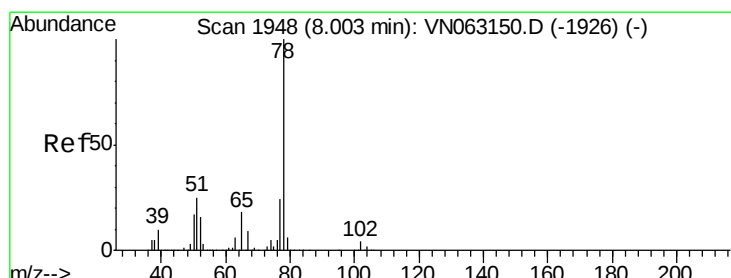
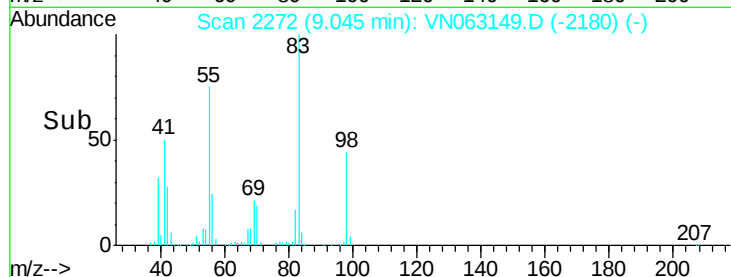
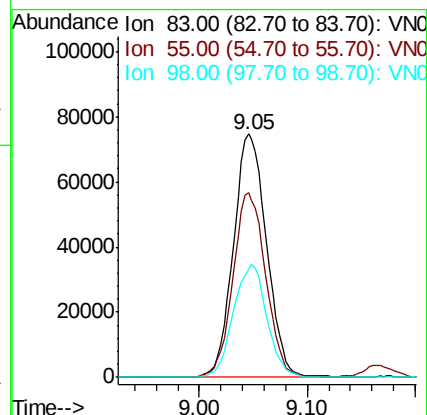
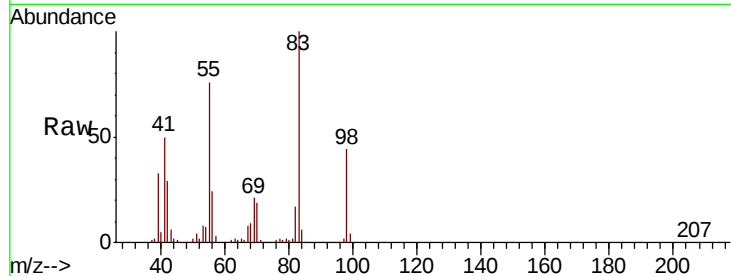




#39
Methvlcvclohexane
Concen: 17.651 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

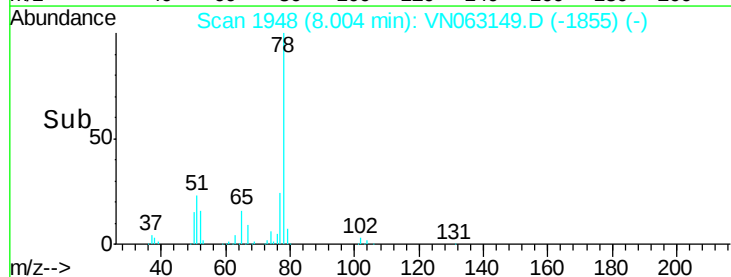
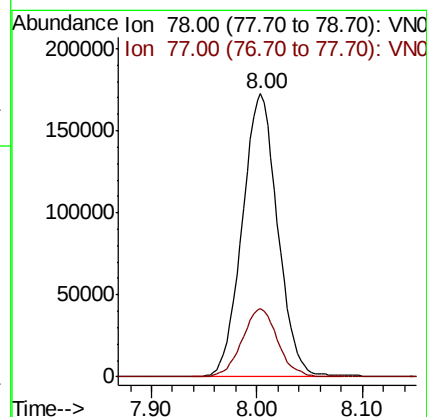
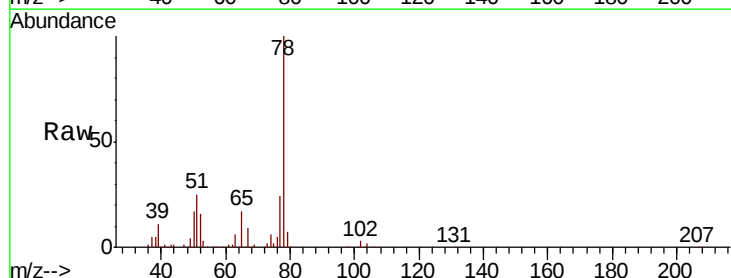
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

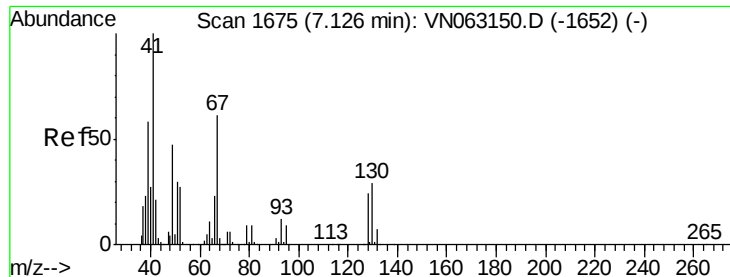
Tot Ion: 83 Resp: 159997
Ion Ratio Lower Upper
83 100
55 75.8 60.3 90.5
98 44.3 38.9 58.3



#40
Benzene
Concen: 15.206 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion: 78 Resp: 401898
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

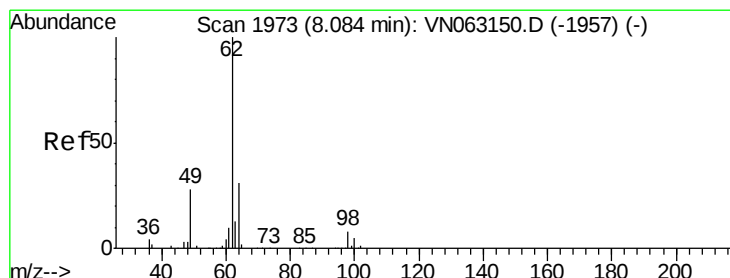
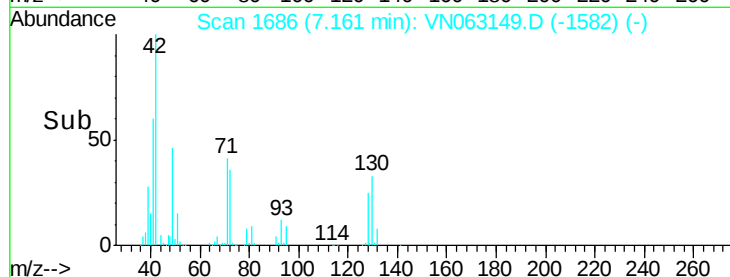
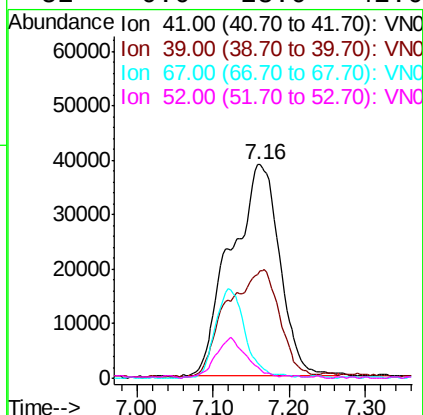
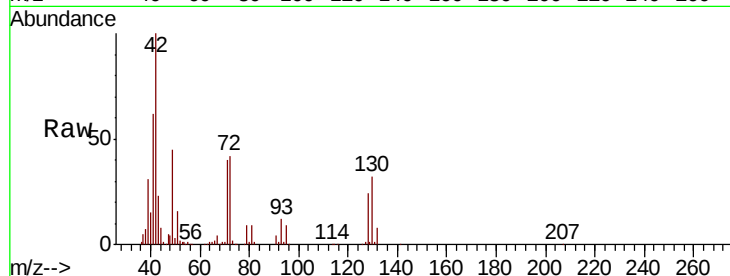




#41
Methacrylonitrile
Concen: 55.391 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

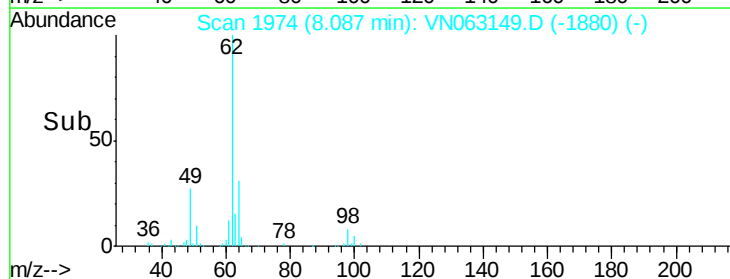
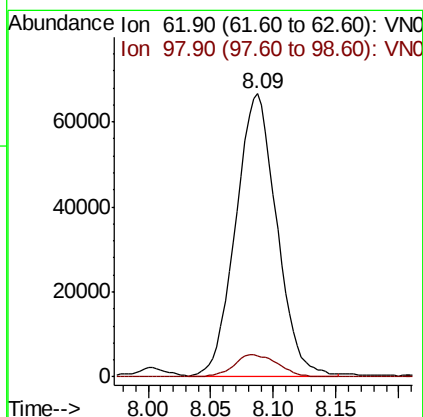
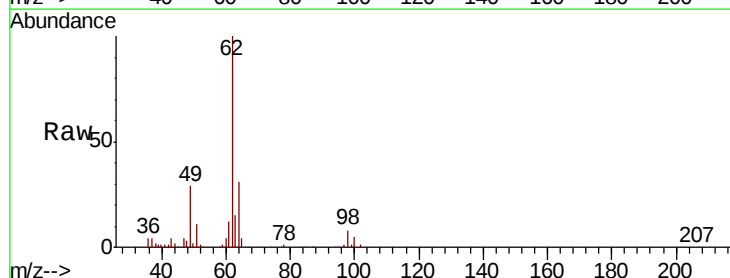
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

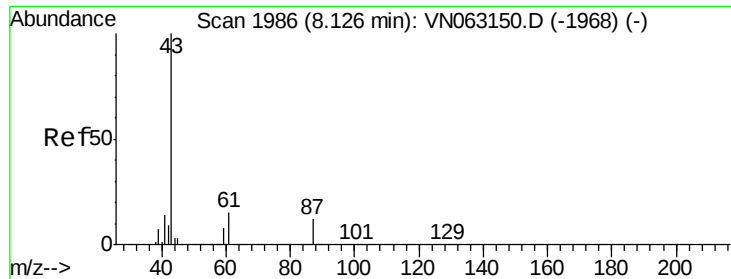
Tot Ion:	41	Resp:	173385
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.6	70.0#
67	0.0	62.6	94.0#
52	0.0	28.0	42.0#



#42
1,2-Dichloroethane
Concen: 16.827 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion:	62	Resp:	150362
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 20.640 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

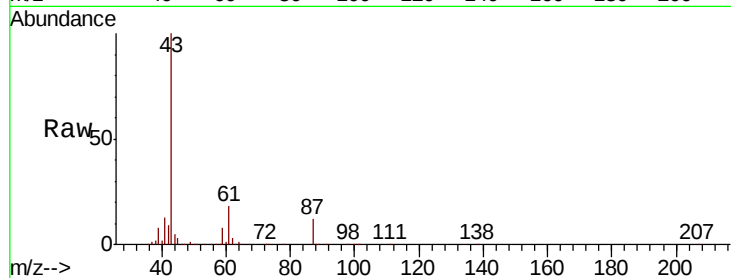
Tot Ion: 43 Resp: 227460

Ion Ratio Lower Upper

43 100

61 25.7 20.2 30.4

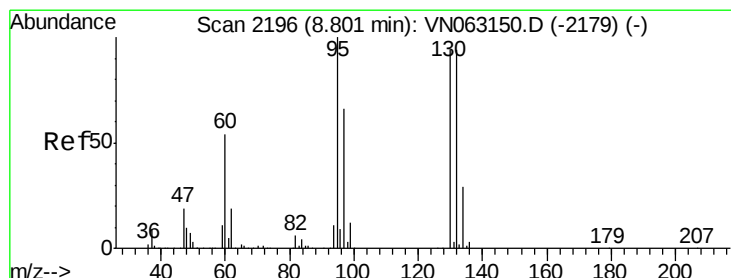
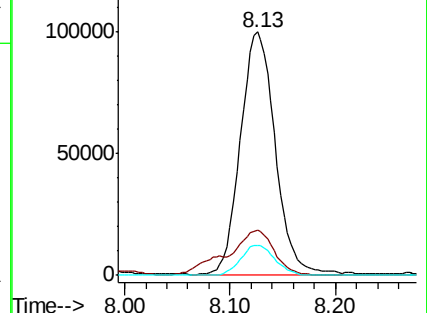
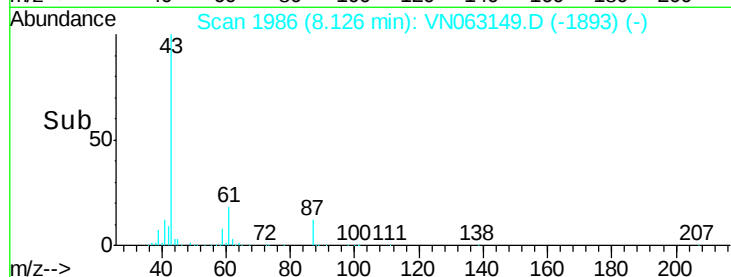
87 12.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN063149.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063149.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063149.D (-1893) (-)



#44

Trichloroethene

Concen: 14.836 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063149.D

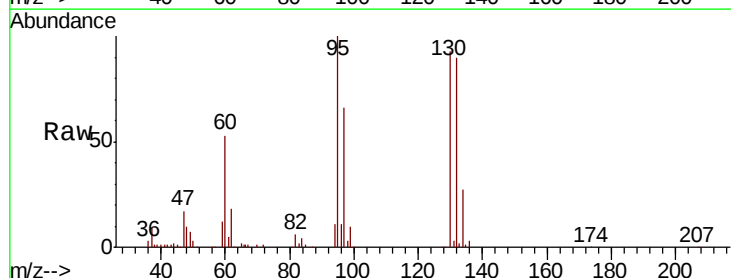
Acq: 31 Aug 2020 13:47

Tgt Ion: 130 Resp: 101848

Ion Ratio Lower Upper

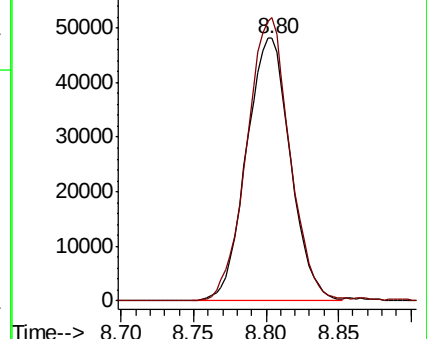
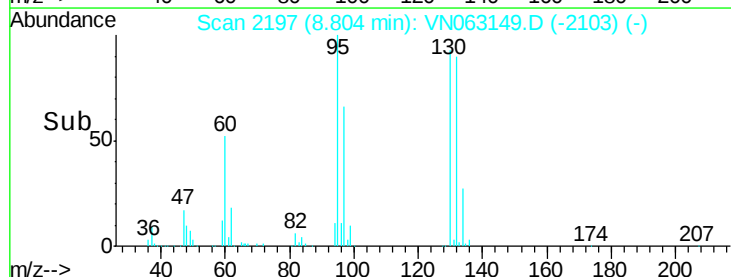
130 100

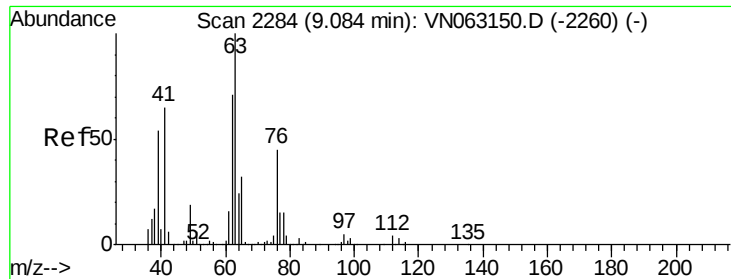
95 107.7 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063149.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063149.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 15.047 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

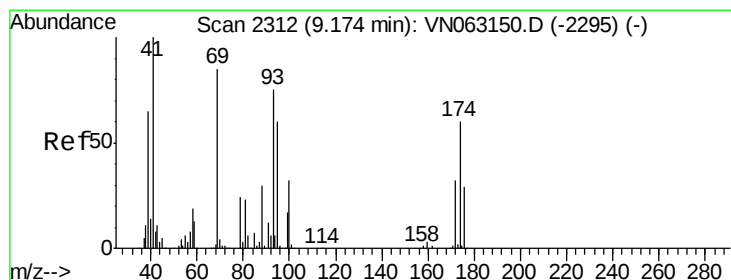
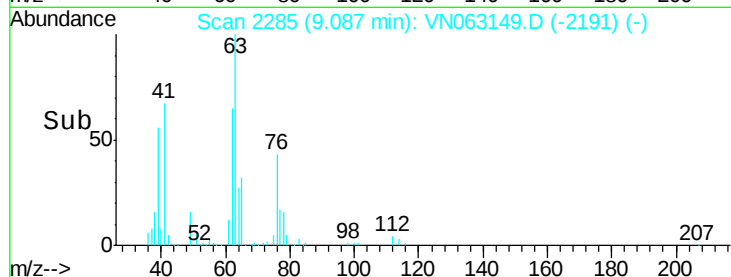
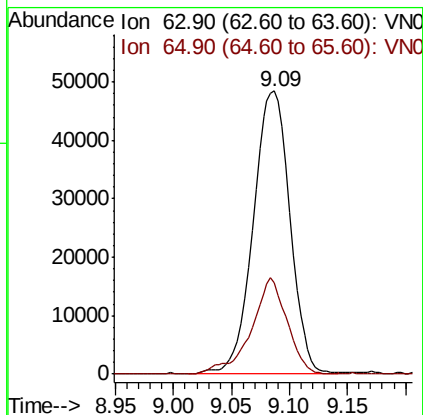
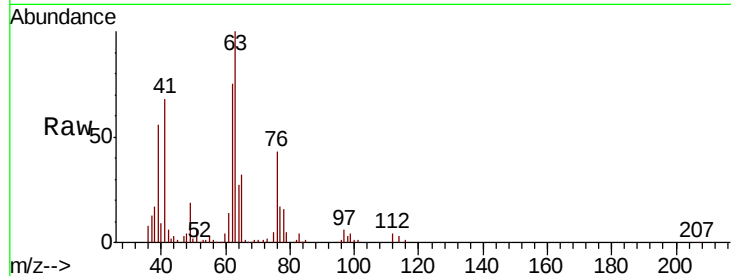
VSTDIC020

Tot Ion: 63 Resp: 107039

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.0



#46

Dibromomethane

Concen: 15.853 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

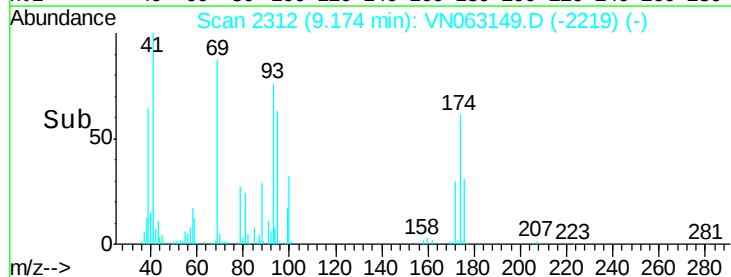
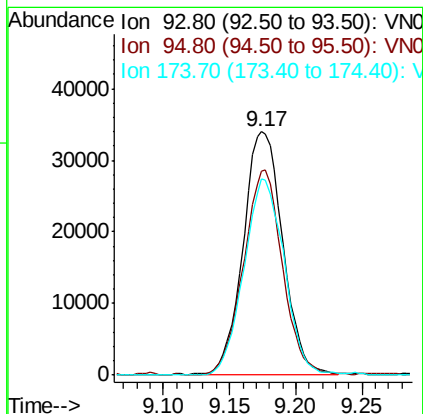
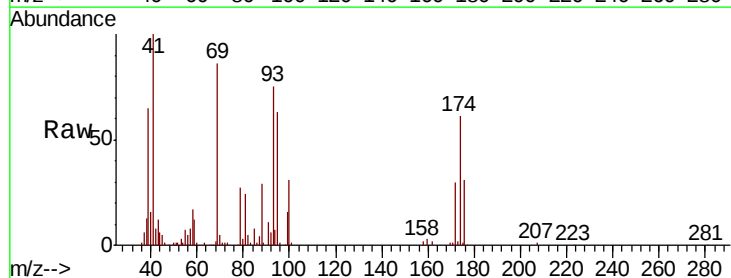
Tgt Ion: 93 Resp: 70806

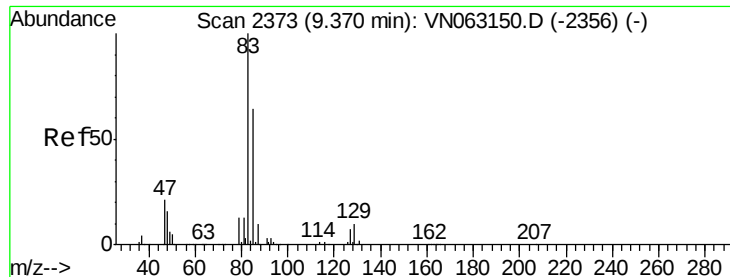
Ion Ratio Lower Upper

93 100

95 82.8 65.2 97.8

174 81.5 64.6 97.0





#47

Bromodichloromethane

Concen: 16.439 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

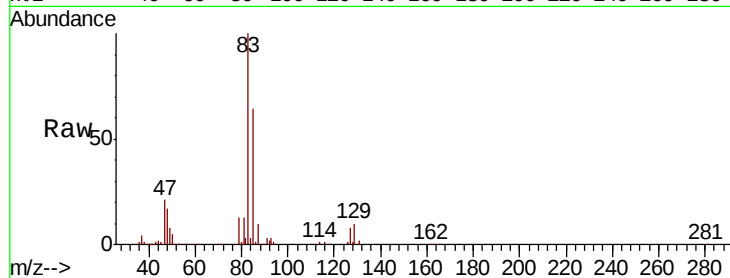
Tot Ion: 83 Resp: 152509

Ion Ratio Lower Upper

83 100

85 64.1 51.0 76.6

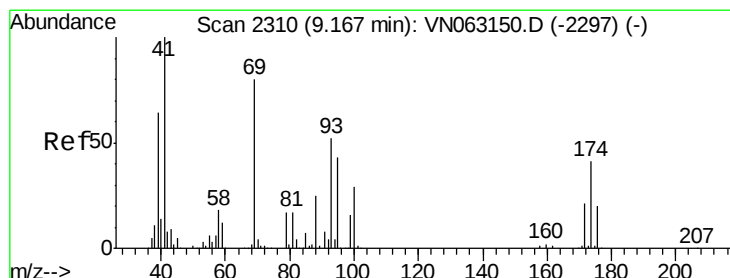
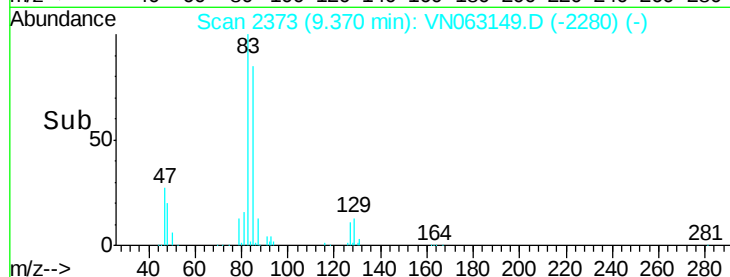
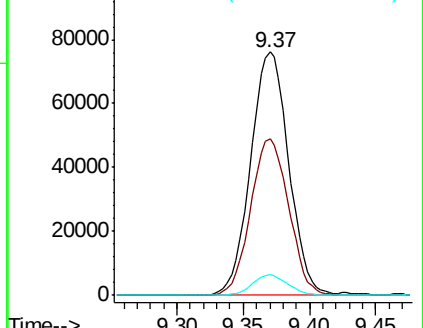
127 8.4 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063149.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063149.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063149.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.298 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

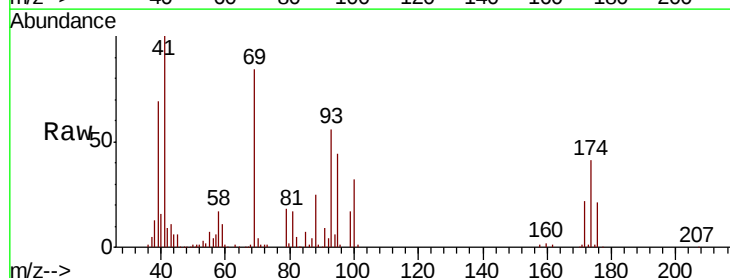
Tgt Ion: 41 Resp: 105006

Ion Ratio Lower Upper

41 100

69 82.2 65.9 98.9

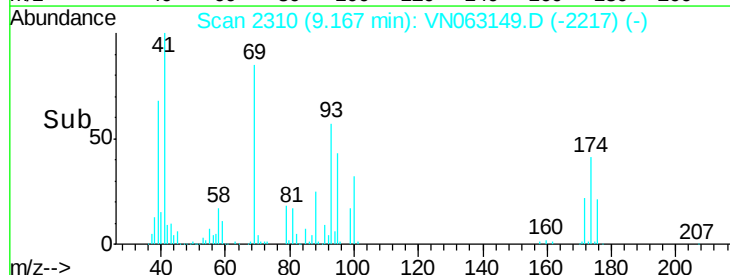
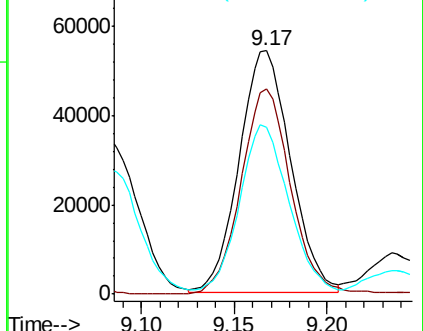
39 66.9 52.0 78.0

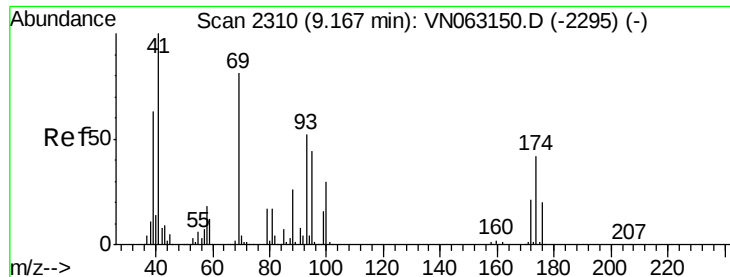


Abundance Ion 41.00 (40.70 to 41.70): VN063149.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063149.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063149.D (-2217) (-)





#49

1,4-Dioxane

Concen: 380.373 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

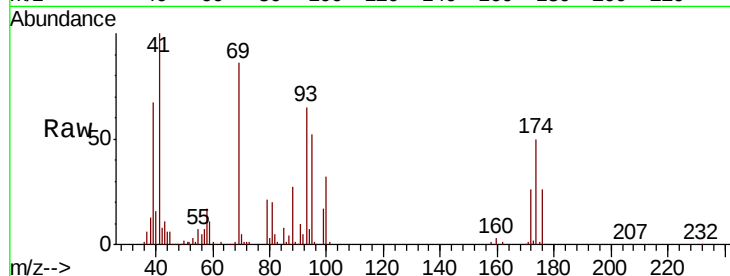
Tot Ion: 88 Resp: 29392

Ion Ratio Lower Upper

88 100

43 40.0 28.6 42.8

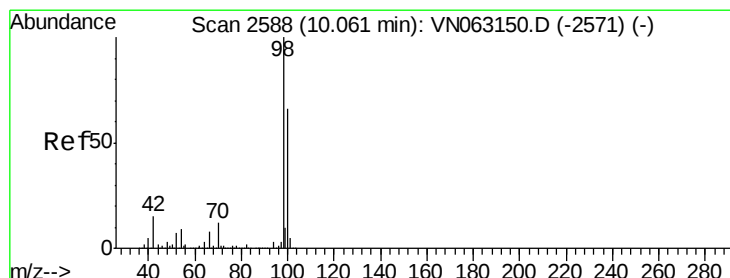
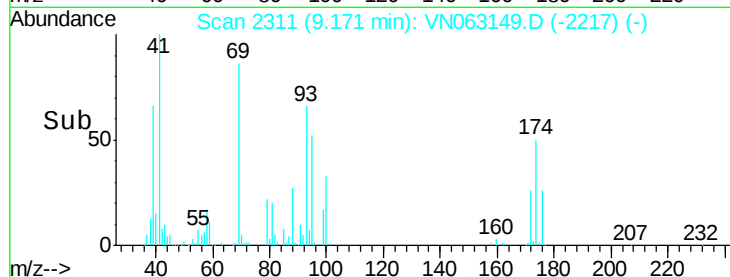
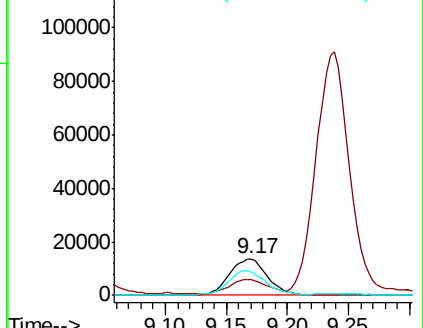
58 68.1 53.2 79.8



Abundance Ion 88.00 (87.70 to 88.70): VN063149.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN063149.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN063149.D (-2217) (-)



#50

Toluene-d8

Concen: 14.310 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063149.D

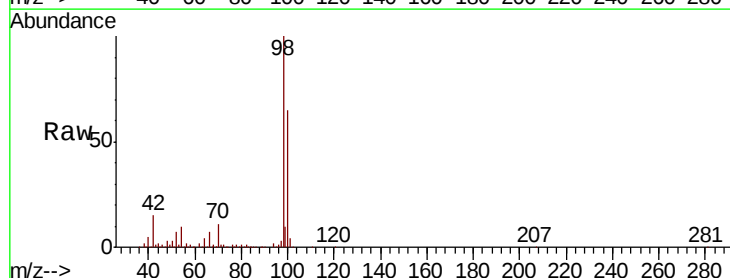
Acq: 31 Aug 2020 13:47

Tgt Ion: 98 Resp: 334871

Ion Ratio Lower Upper

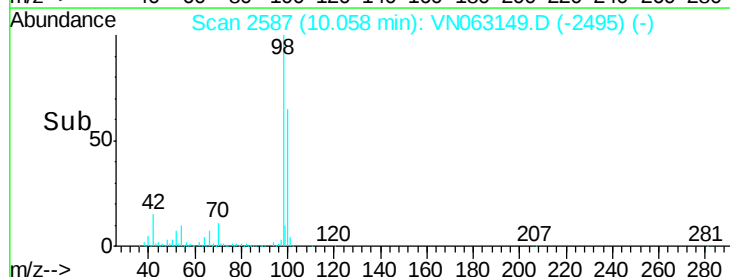
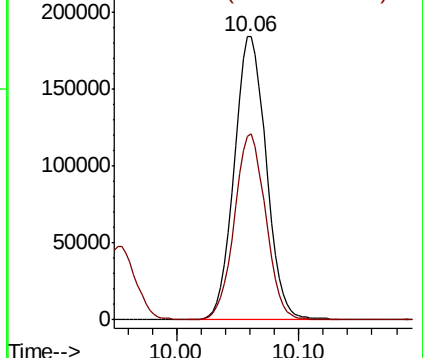
98 100

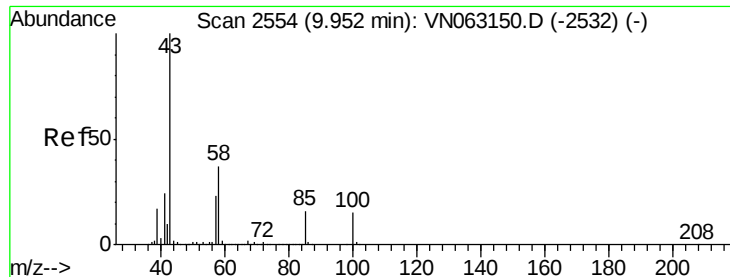
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN063149.D (-2495) (-)

Ion 100.00 (99.70 to 100.70): VN063149.D (-2495) (-)





#51

4-Methyl-2-Pentanone

Concen: 103.443 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

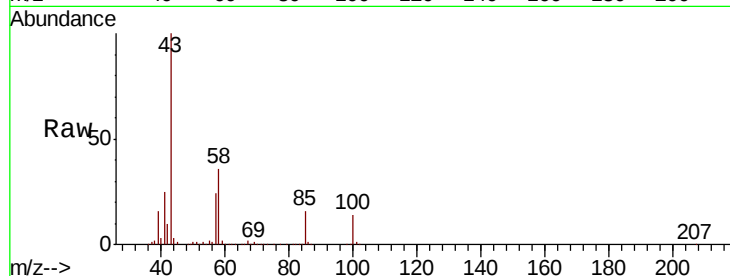
VSTDIC020

Tot Ion: 43 Resp: 634594

Ion Ratio Lower Upper

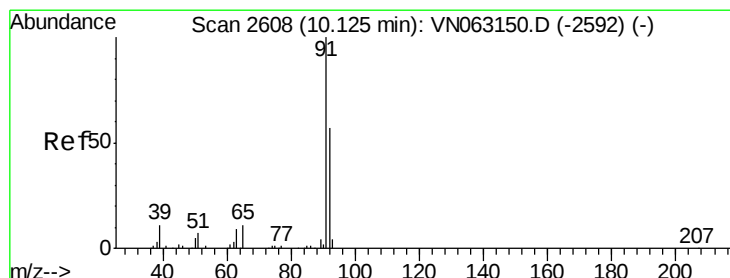
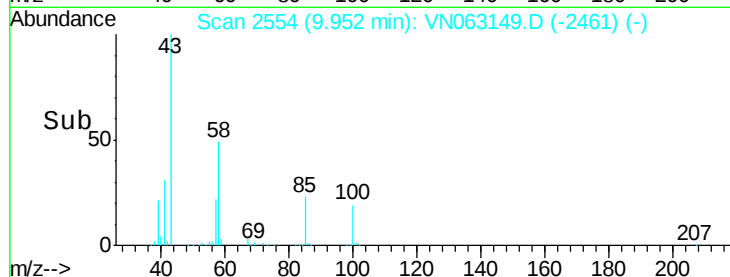
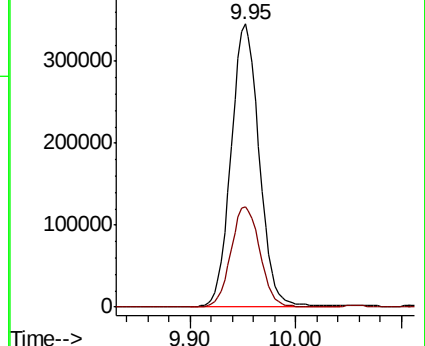
43 100

58 36.7 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: 15.920 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063149.D

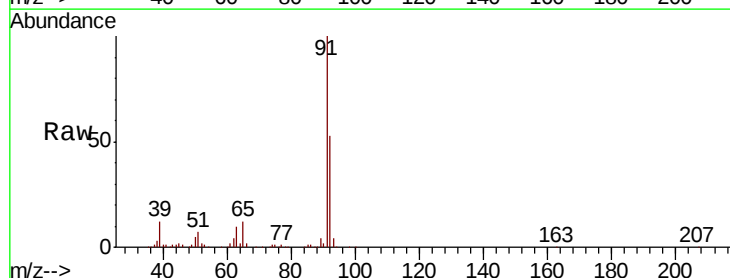
Acq: 31 Aug 2020 13:47

Tgt Ion: 92 Resp: 250366

Ion Ratio Lower Upper

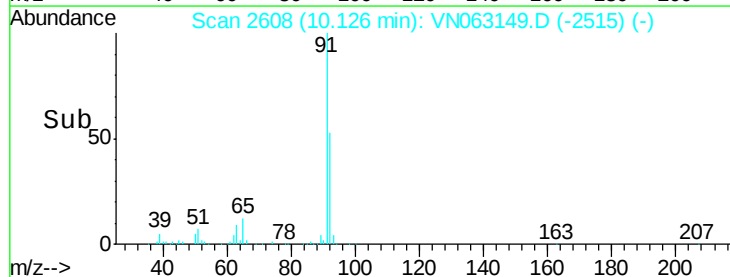
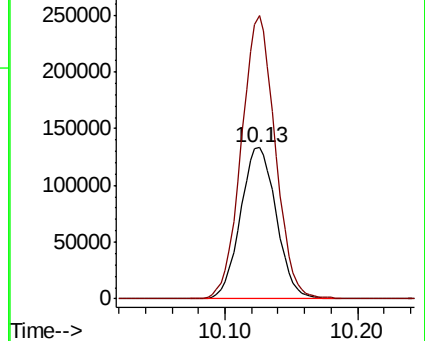
92 100

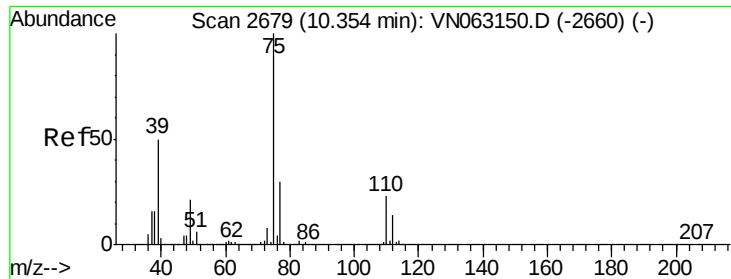
91 176.6 141.2 211.8



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: 17.043 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

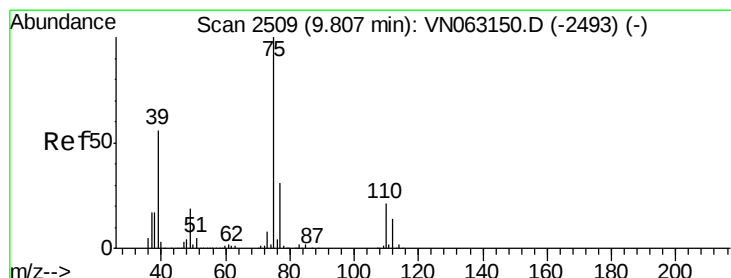
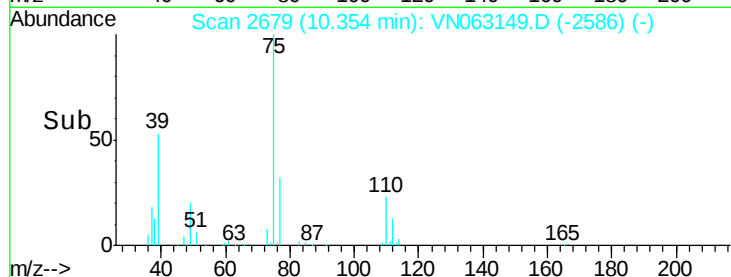
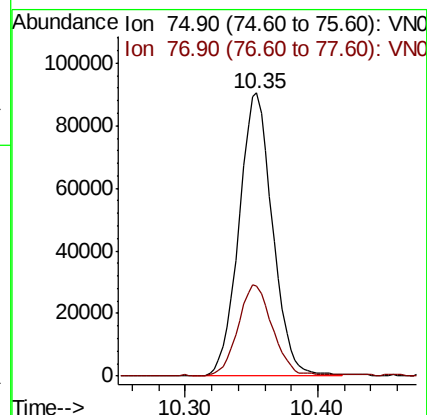
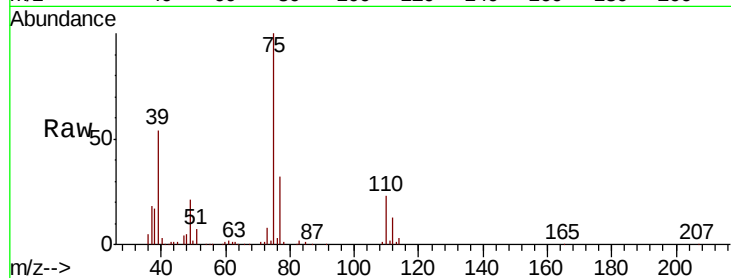
VSTDIC020

Tot Ion: 75 Resp: 159198

Ion Ratio Lower Upper

75 100

77 31.5 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 17.085 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

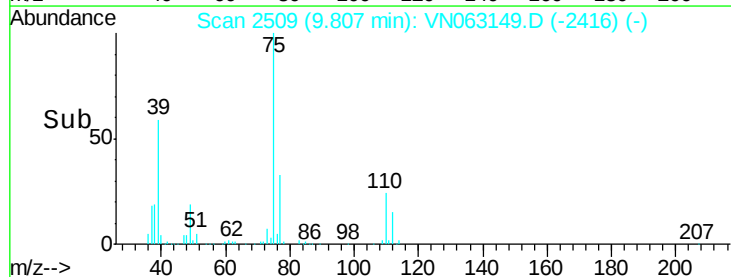
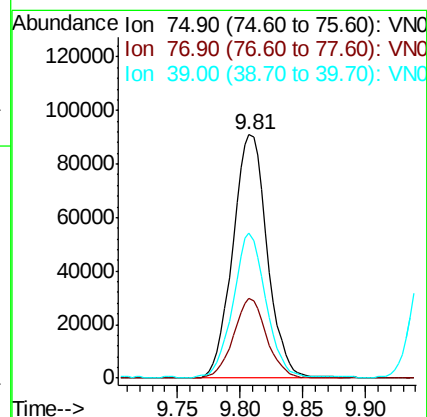
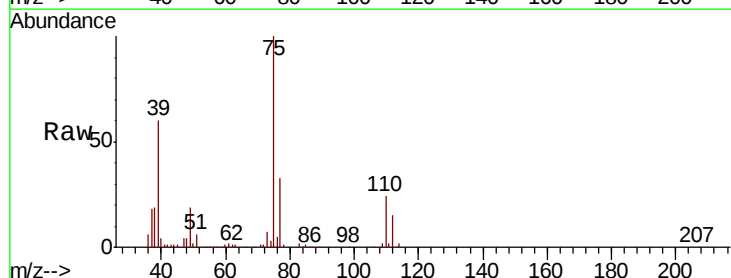
Tgt Ion: 75 Resp: 173582

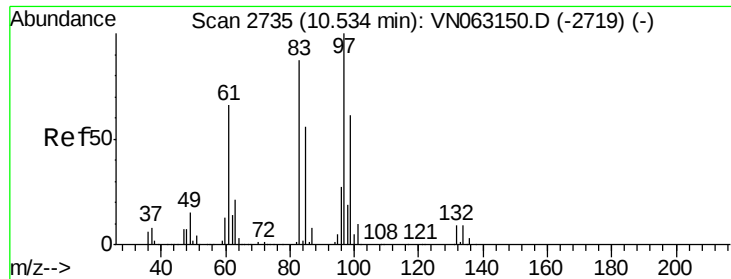
Ion Ratio Lower Upper

75 100

77 32.7 24.8 37.2

39 59.2 45.0 67.6

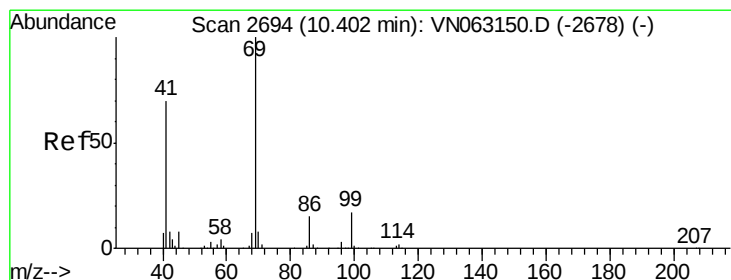
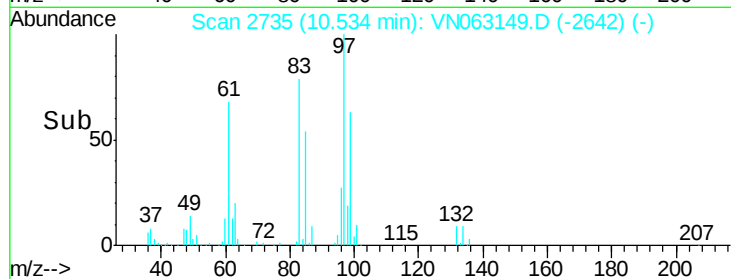
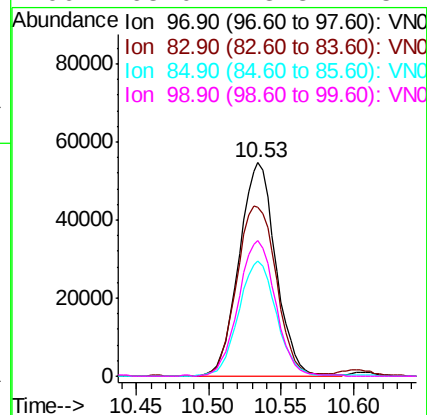
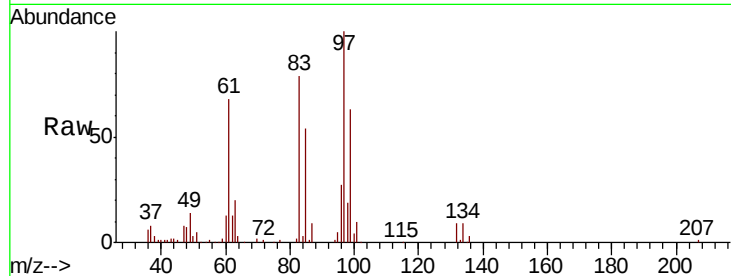




#55
 1,1,2-Trichloroethane
 Concen: 14.799 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

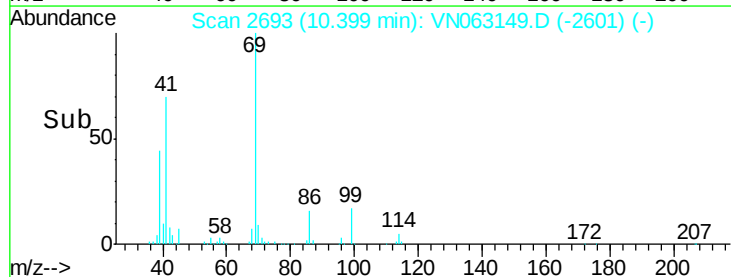
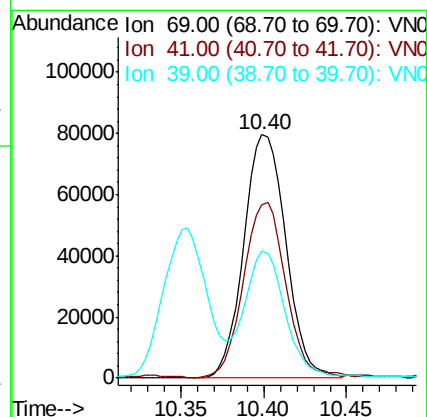
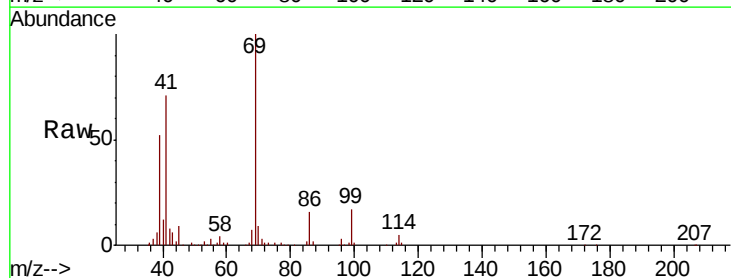
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

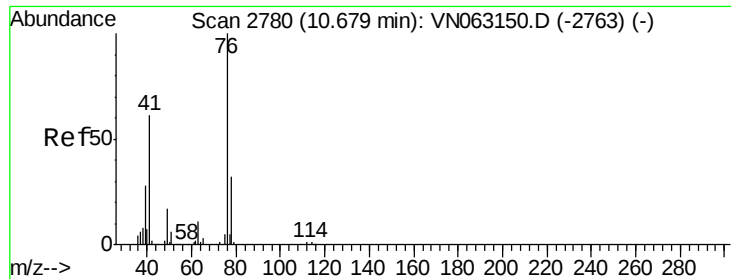
Tot Ion:	97	Resp:	96540
Ion	Ratio	Lower	Upper
97	100		
83	79.4	69.8	104.8
85	53.4	44.9	67.3
99	63.0	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 18.146 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Tgt Ion:	69	Resp:	141453
Ion	Ratio	Lower	Upper
69	100		
41	71.5	55.5	83.3
39	50.6	38.2	57.2





#57

1,3-Dichloropropane

Concen: 16.539 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampled :

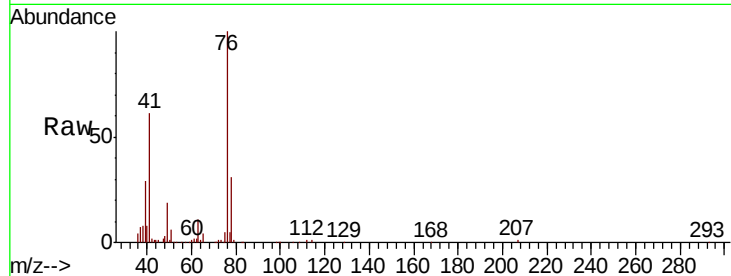
VSTDIC020

Tot Ion: 76 Resp: 171943

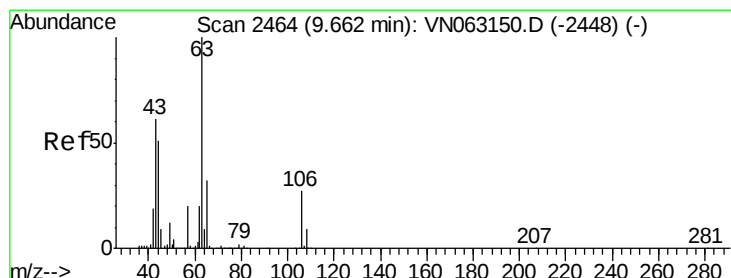
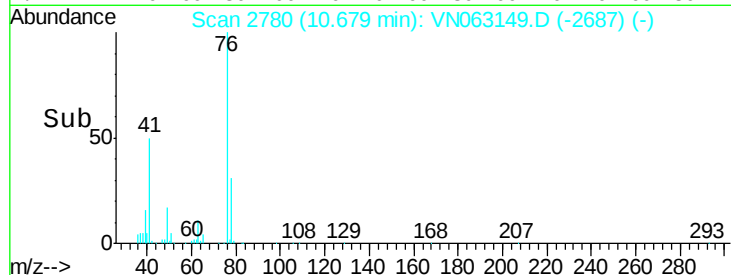
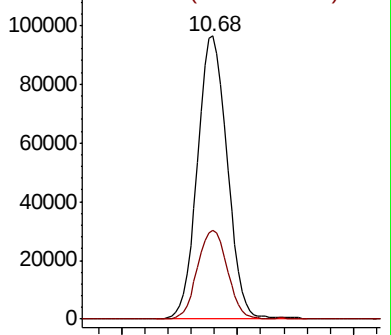
Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN063149.D (-2687) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 106.159 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063149.D

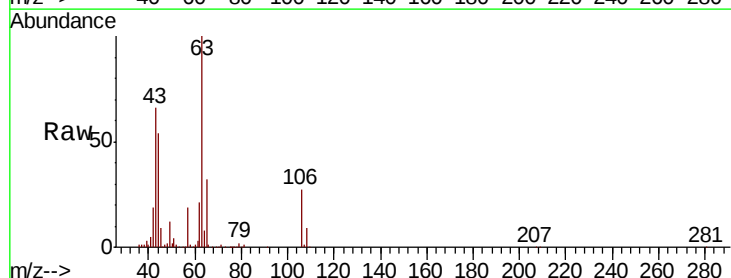
Acq: 31 Aug 2020 13:47

Tgt Ion: 63 Resp: 383642

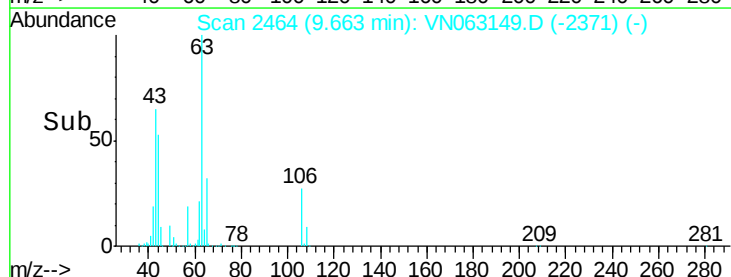
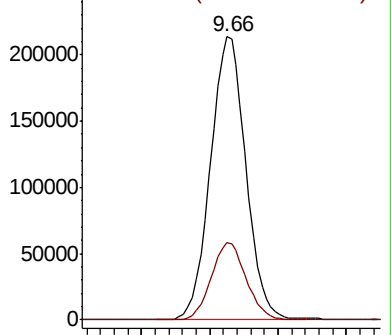
Ion Ratio Lower Upper

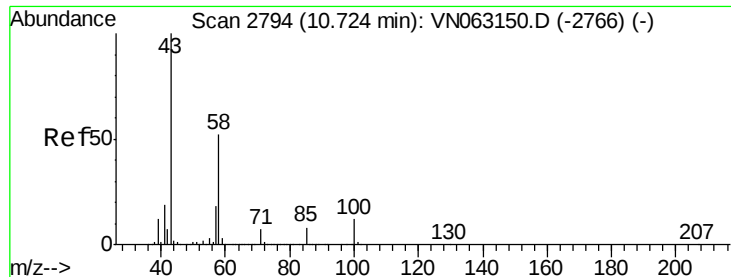
63 100

106 27.1 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VN063149.D (-2371) (-)

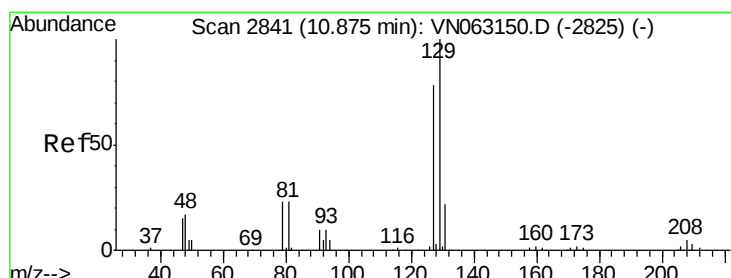
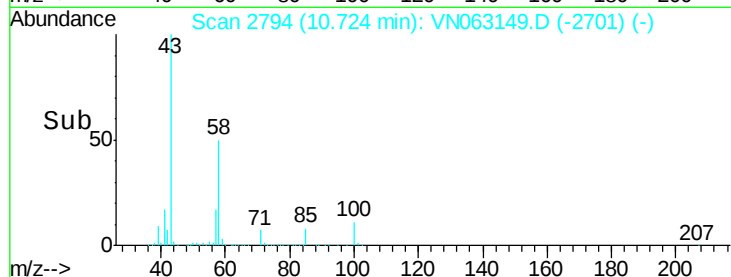
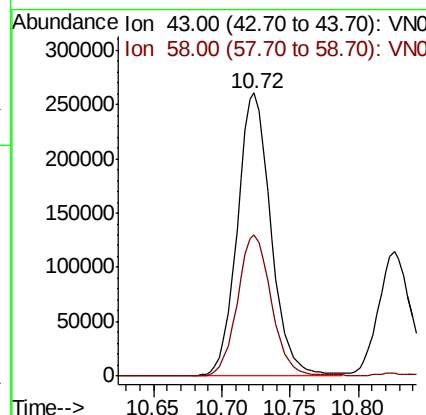
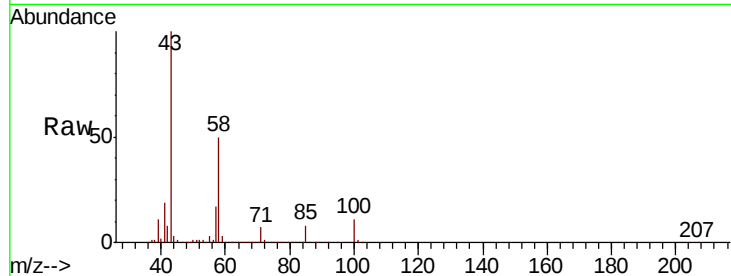




#59
2-Hexanone
Concen: 106.009 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

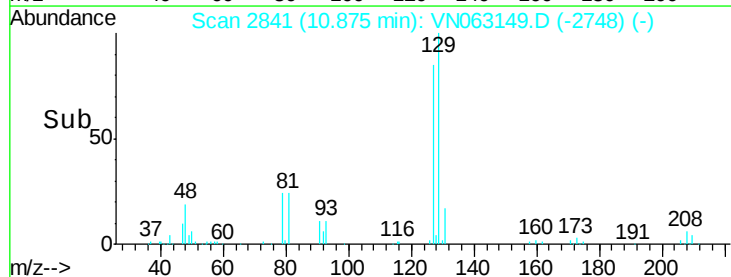
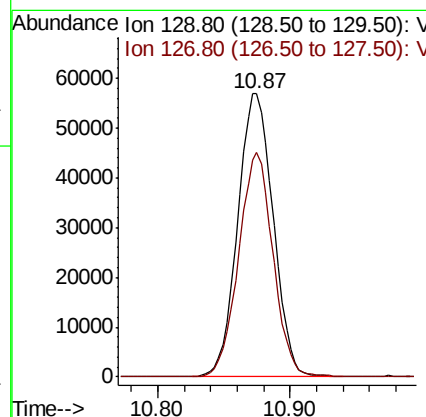
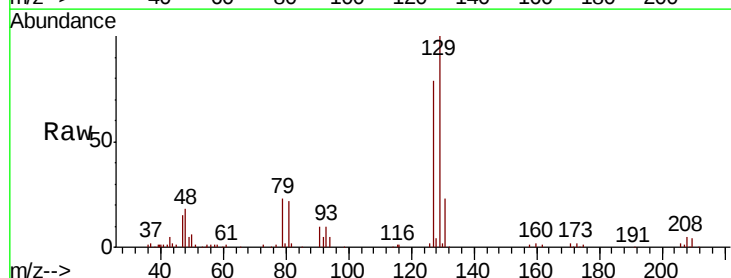
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

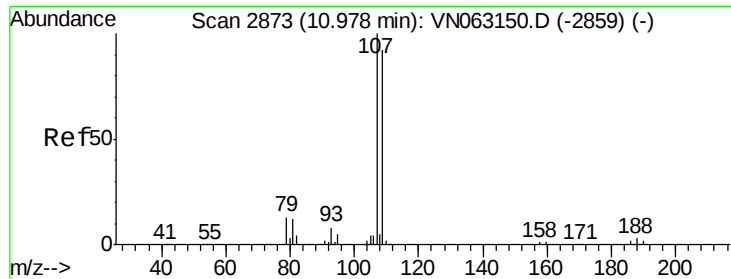
Tot Ion: 43 Resp: 441332
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.8



#60
Dibromochloromethane
Concen: 14.819 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion: 129 Resp: 105617
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

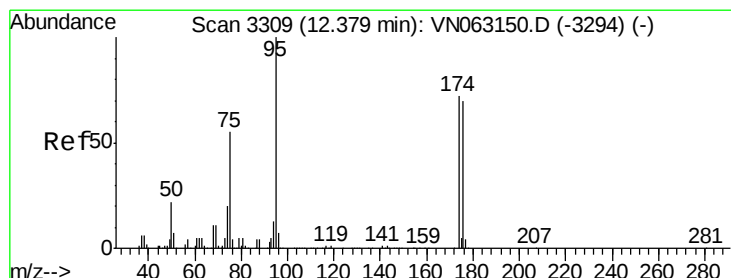
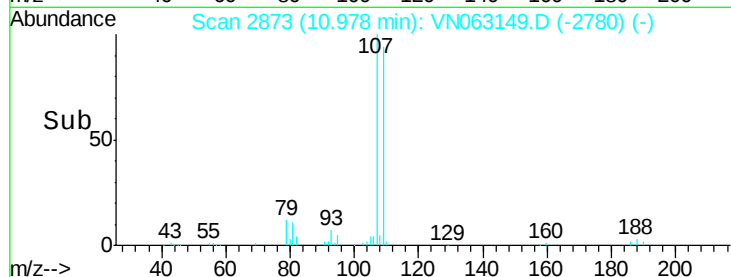
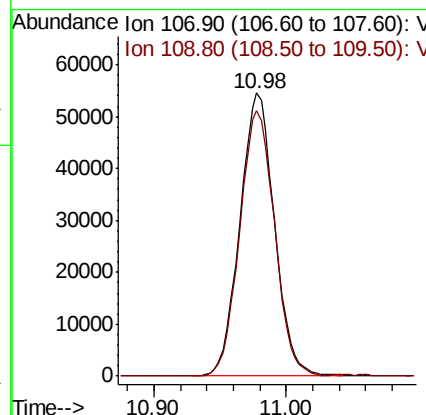
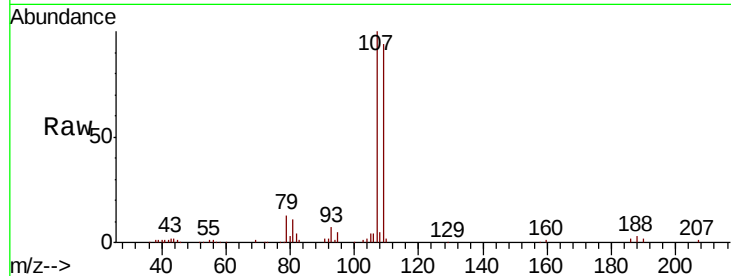




#61
 1,2-Dibromoethane
 Concen: 16.051 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

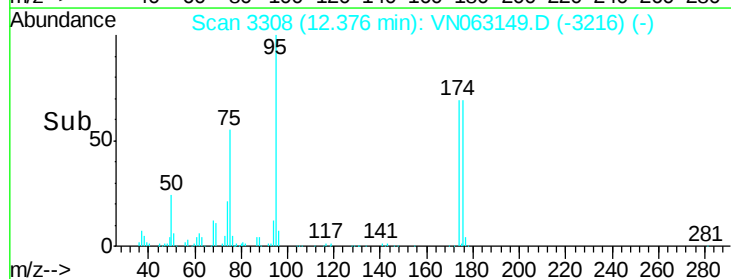
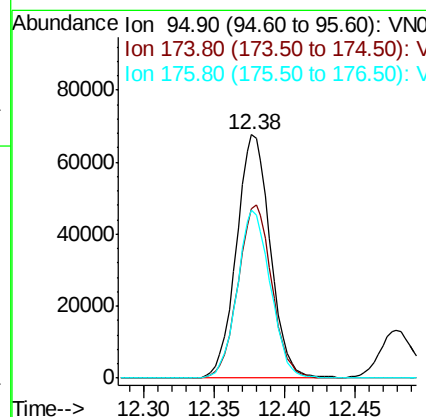
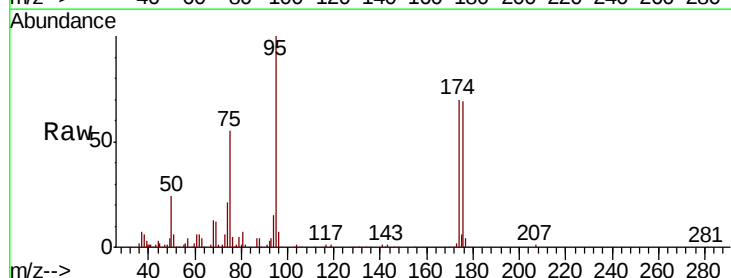
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

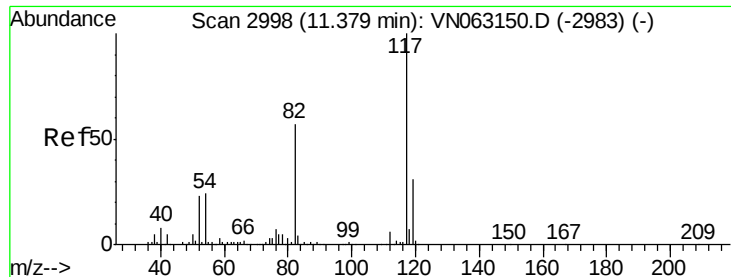
Tot Ion:107 Resp: 98692
 Ion Ratio Lower Upper
 107 100
 109 94.6 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 14.075 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Tgt Ion: 95 Resp: 113795
 Ion Ratio Lower Upper
 95 100
 174 70.8 0.0 143.8
 176 67.7 0.0 138.4

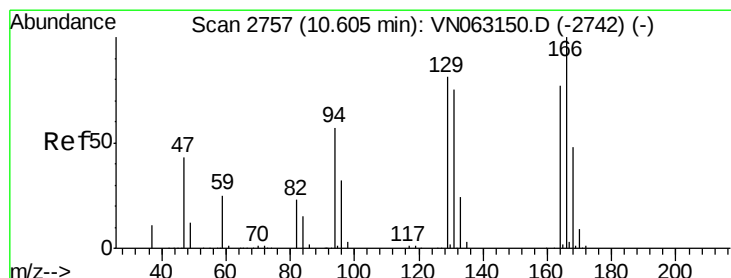
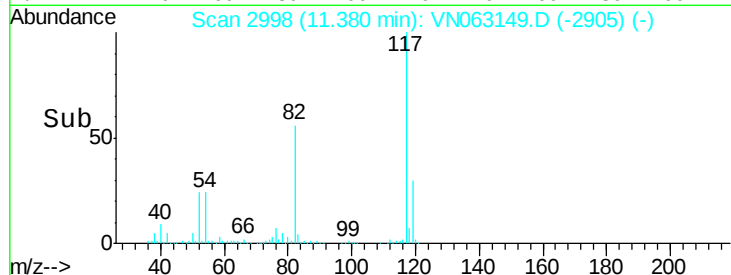
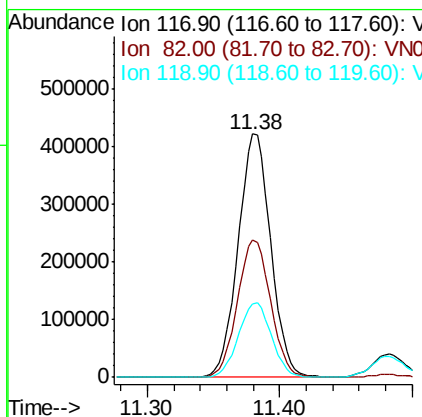
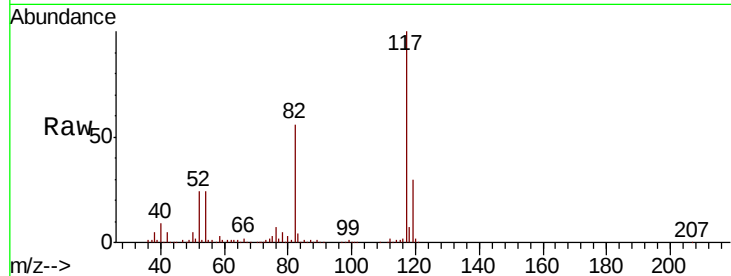




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

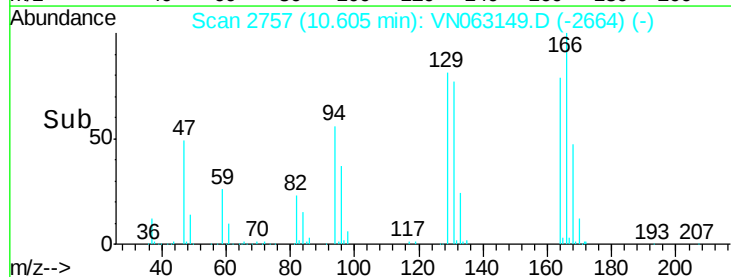
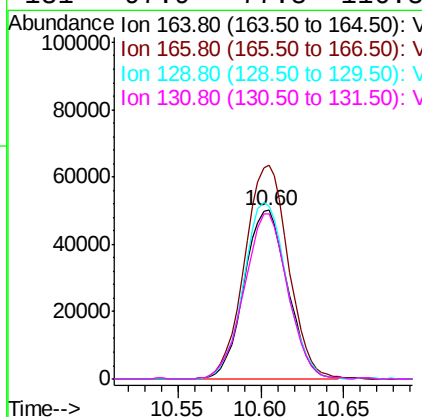
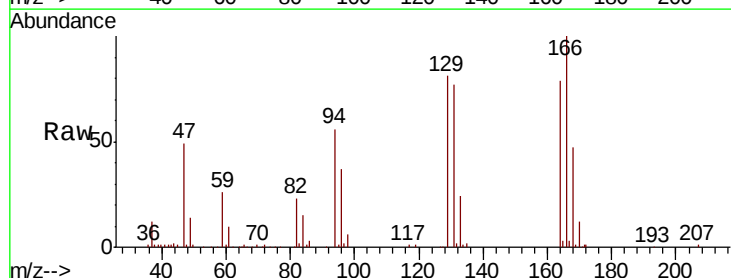
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

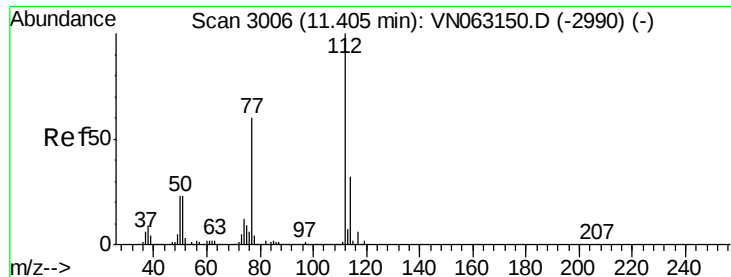
Tot Ion:117 Resp: 722846
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.0
119 30.4 24.6 37.0



#64
Tetrachloroethene
Concen: 14.470 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion:164 Resp: 91571
Ion Ratio Lower Upper
164 100
166 126.7 103.4 155.2
129 102.3 83.4 125.0
131 97.9 77.8 116.8

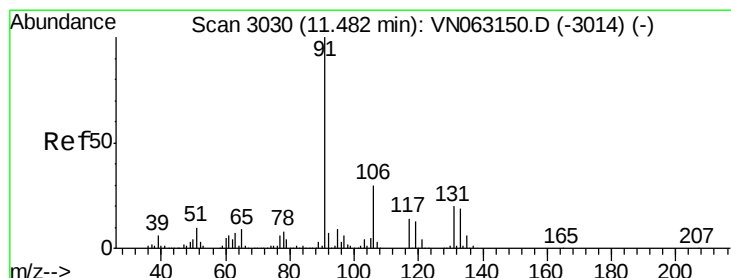
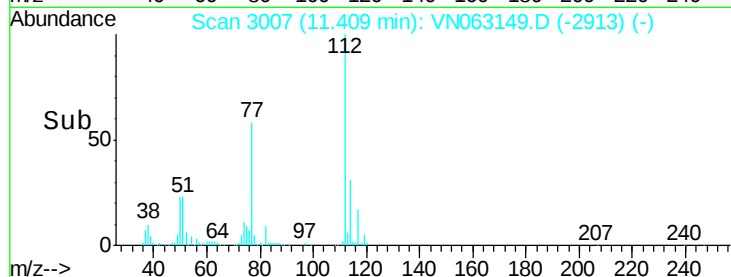
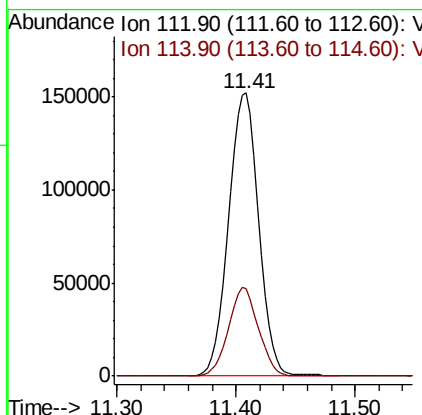
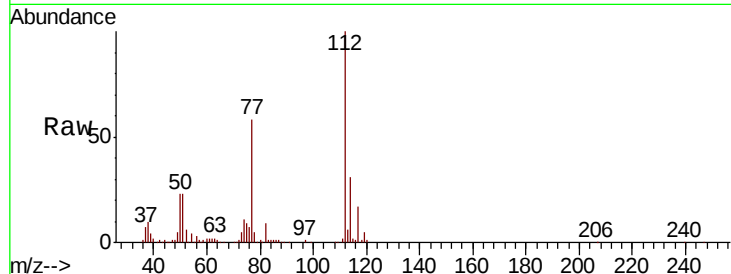




#65
Chlorobenzene
Concen: 14.985 ug/l
RT: 11.41 min Scan# 3007
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

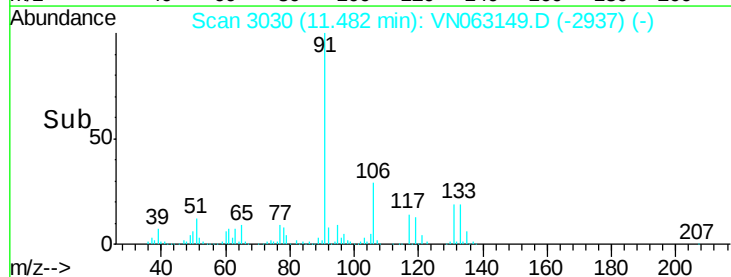
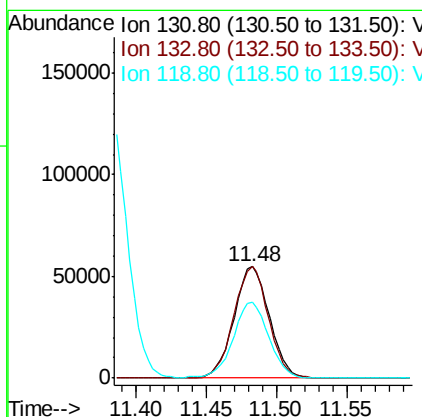
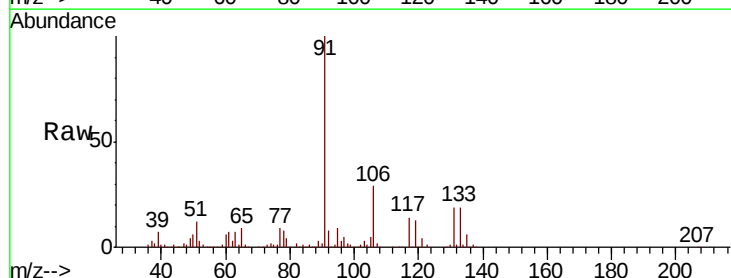
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

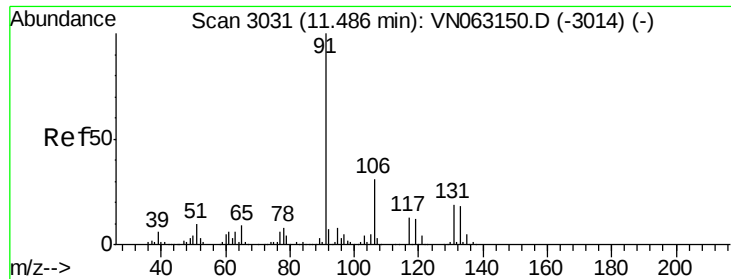
Tot Ion:112 Resp: 266494
Ion Ratio Lower Upper
112 100
114 30.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 13.981 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion:131 Resp: 96480
Ion Ratio Lower Upper
131 100
133 97.9 47.3 142.0
119 68.7 32.4 97.0

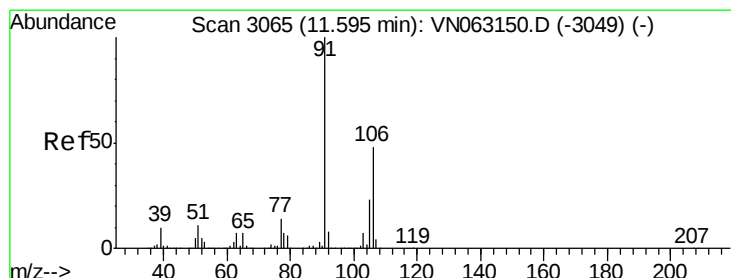
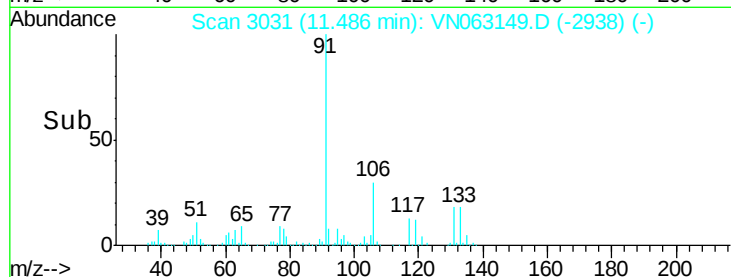
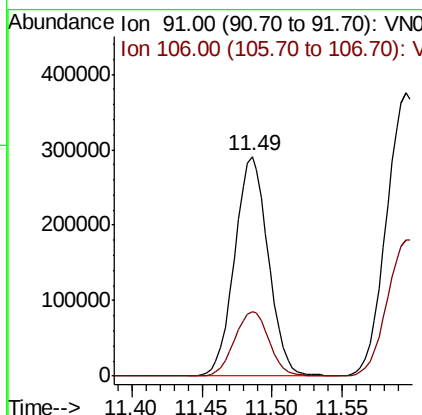
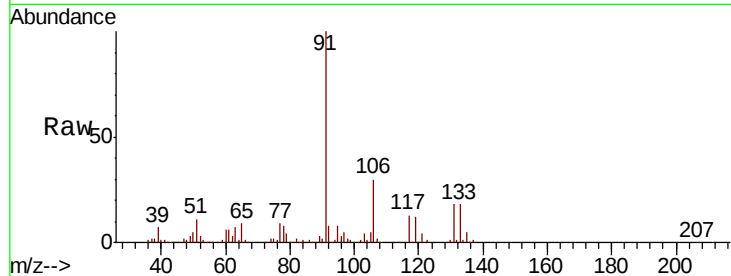




#67
Ethyl Benzene
Concen: 16.732 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

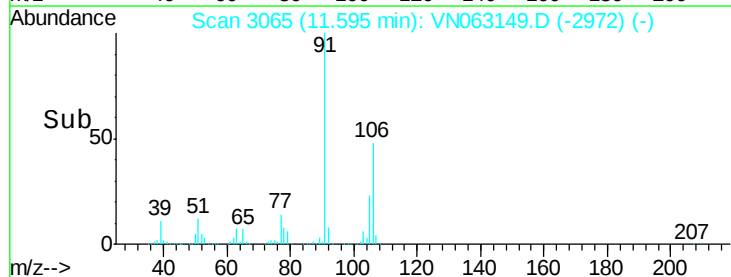
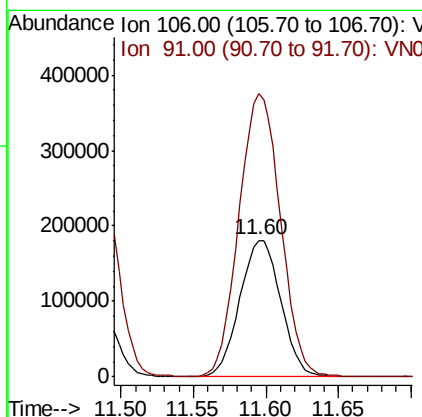
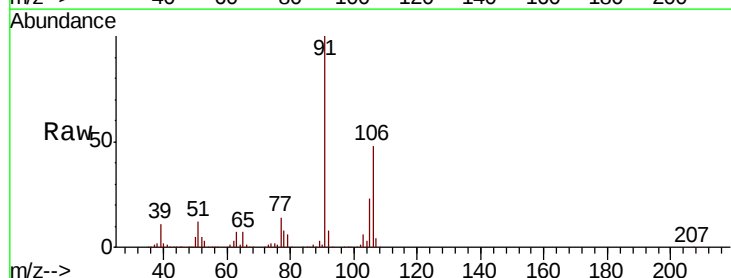
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

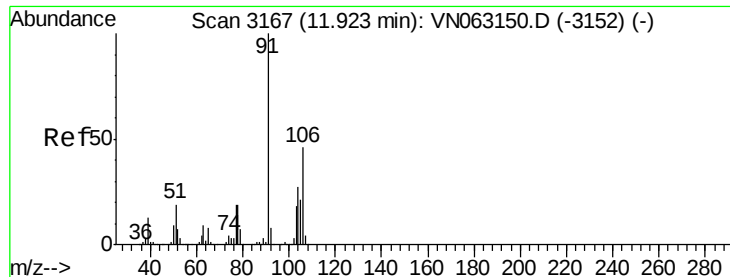
Tot Ion: 91 Resp: 487601
Ion Ratio Lower Upper
91 100
106 29.6 24.4 36.6



#68
m/p-Xylenes
Concen: 32.495 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion: 106 Resp: 354916
Ion Ratio Lower Upper
106 100
91 210.2 166.7 250.1

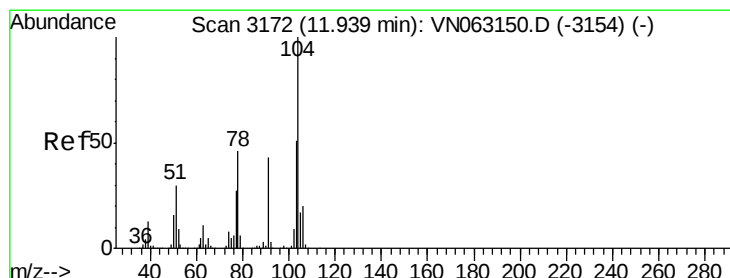
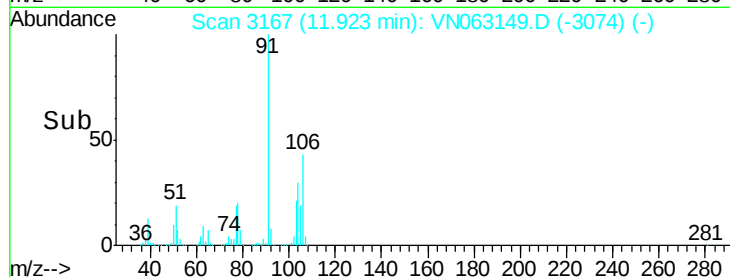
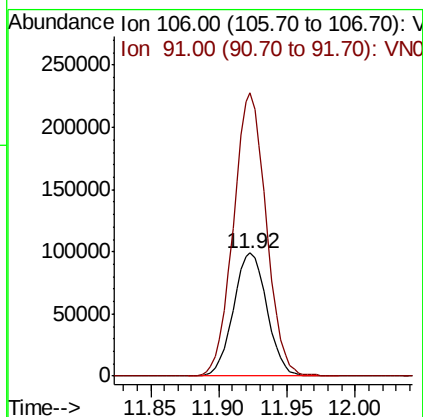
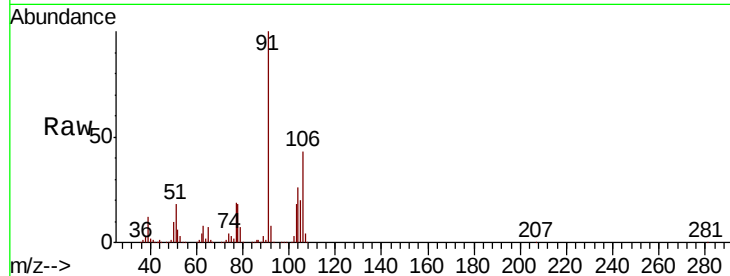




#69
o-Xylene
Concen: 16.052 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

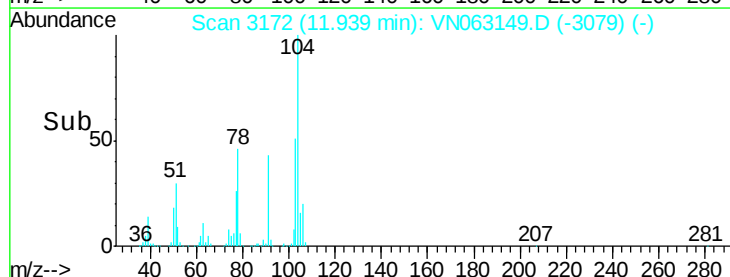
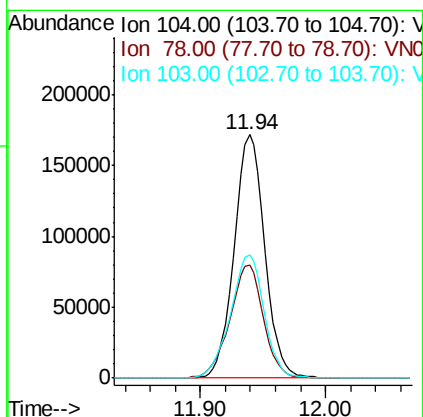
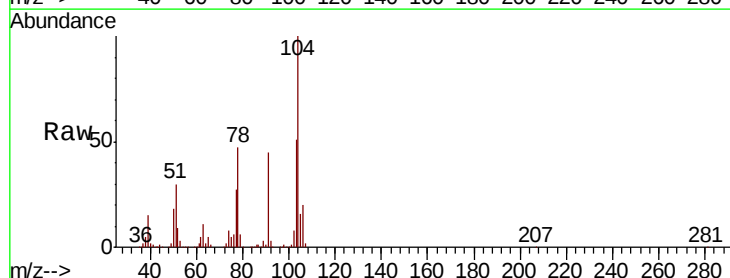
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

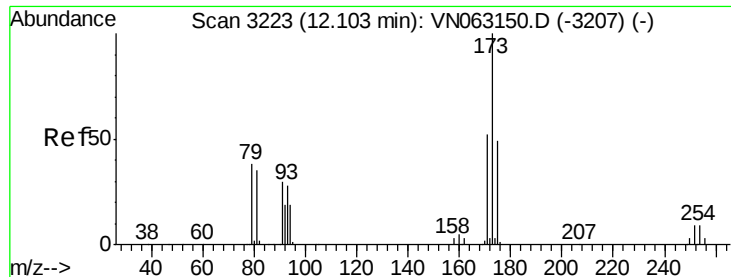
Tot Ion:106 Resp: 168931
Ion Ratio Lower Upper
106 100
91 224.4 108.6 325.6



#70
Styrene
Concen: 16.999 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion:104 Resp: 291202
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 55.6 43.8 65.8





#71

Bromoform

Concen: 13.048 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

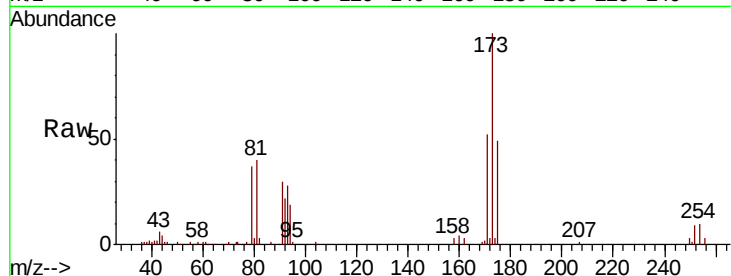
Tot Ion:173 Resp: 63237

Ion Ratio Lower Upper

173 100

175 47.2 24.6 73.8

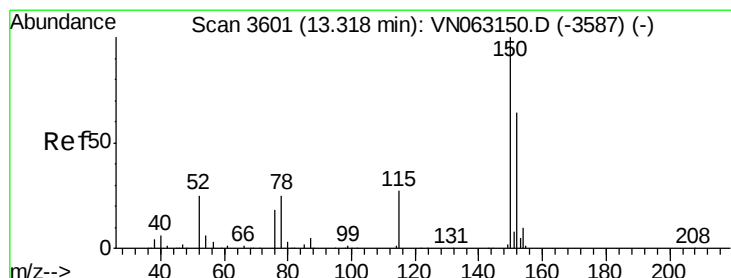
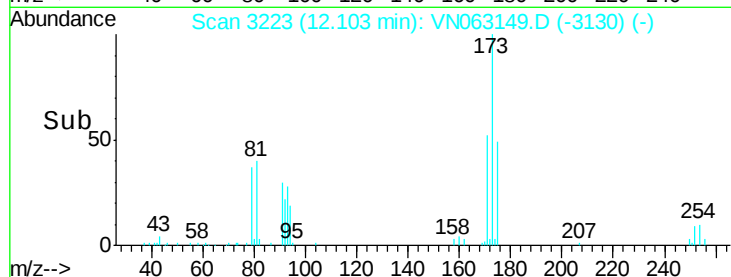
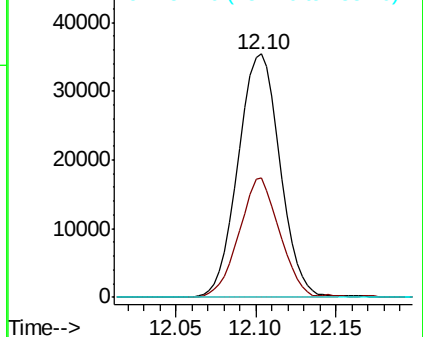
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

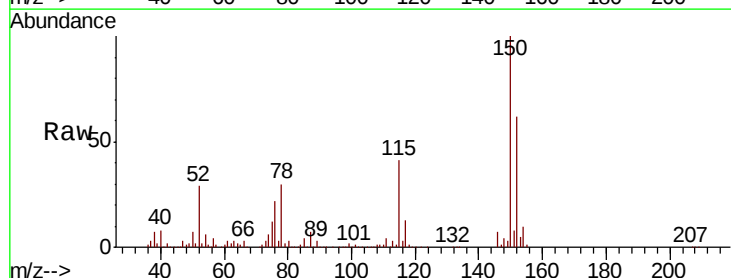
Tgt Ion:152 Resp: 319810

Ion Ratio Lower Upper

152 100

115 63.5 32.0 96.2

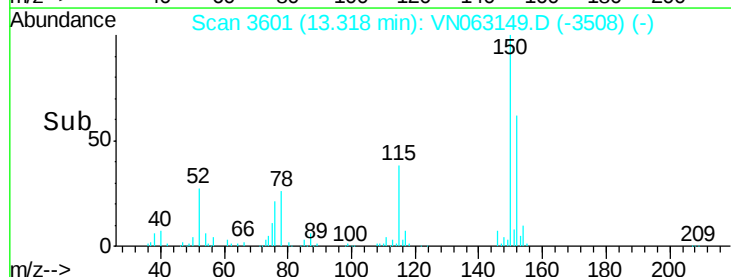
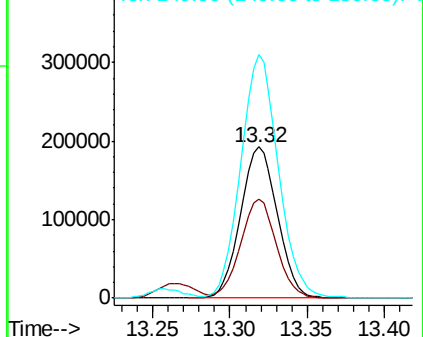
150 163.6 0.0 353.0

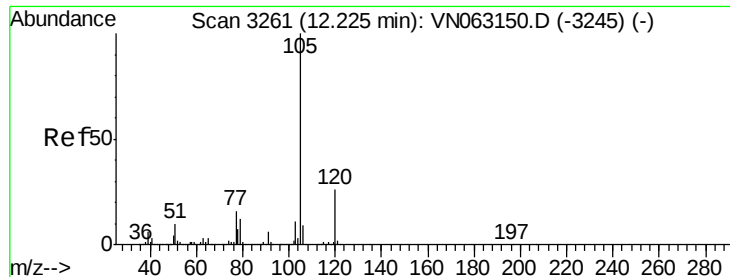


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.614 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

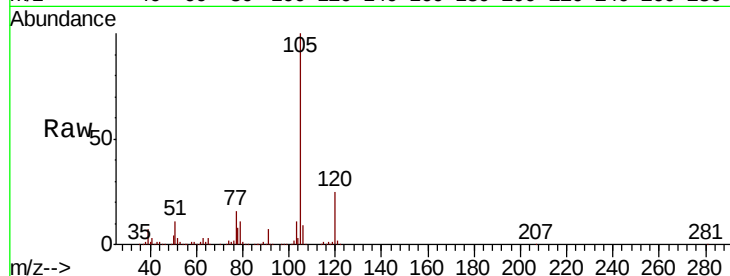
VSTDIC020

Tot Ion:105 Resp: 459244

Ion Ratio Lower Upper

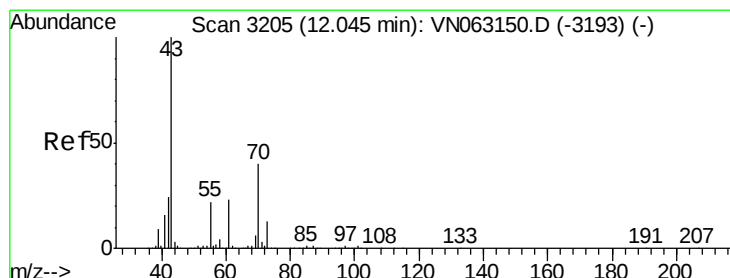
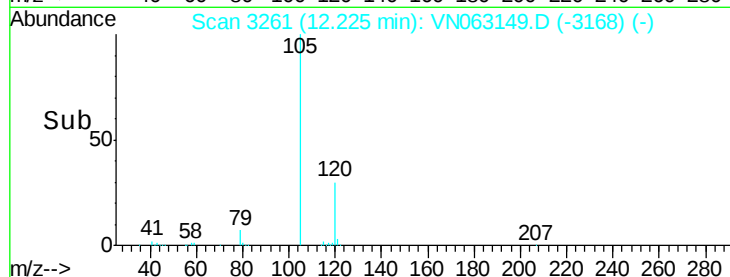
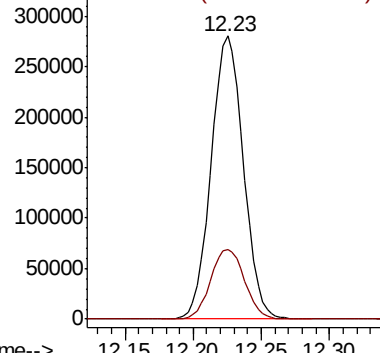
105 100

120 26.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.519 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Tgt Ion: 43 Resp: 188505

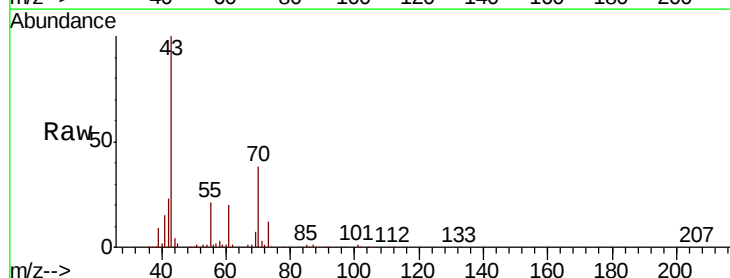
Ion Ratio Lower Upper

43 100

70 38.4 32.1 48.1

55 22.8 17.4 26.0

61 21.9 18.6 27.8

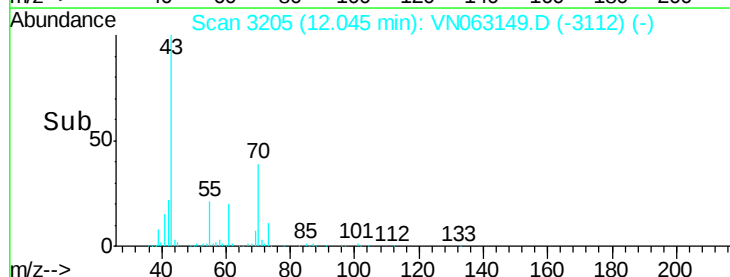
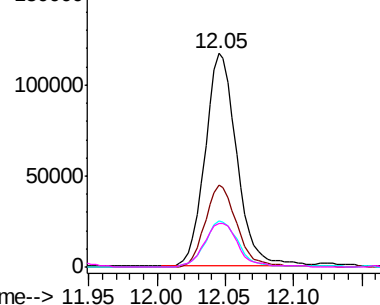


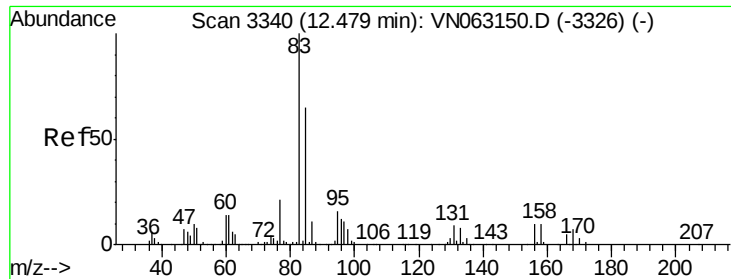
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 16.953 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

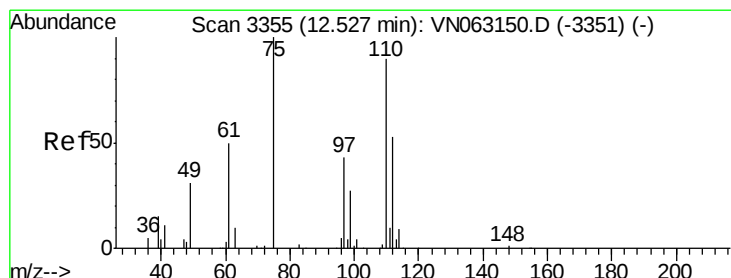
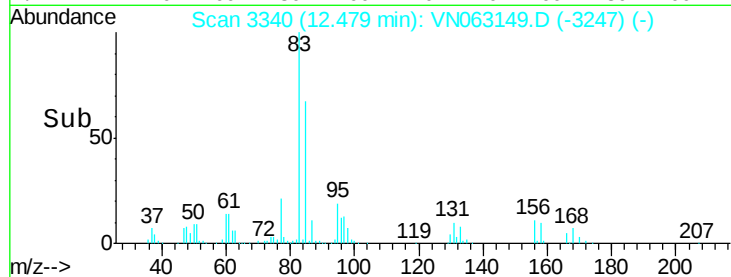
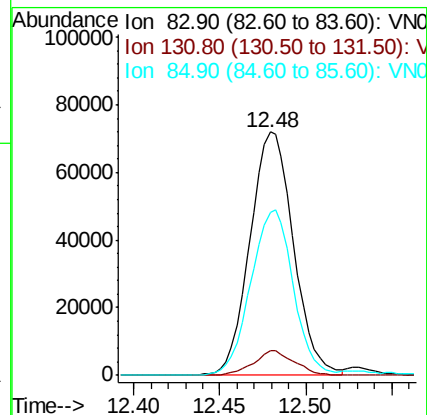
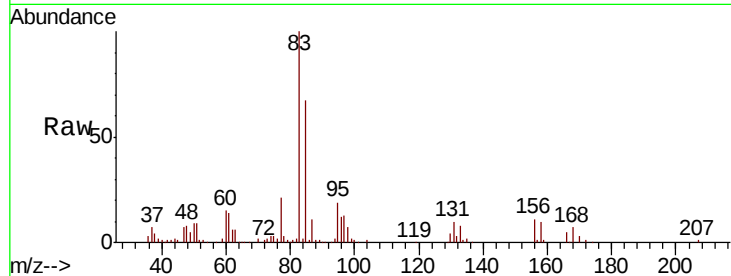
Tot Ion: 83 Resp: 126223

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.0

85 66.2 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 28.143 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063149.D

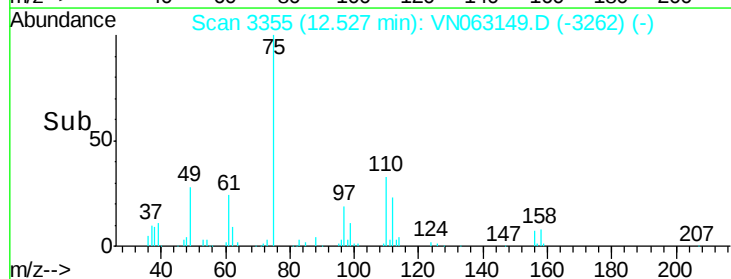
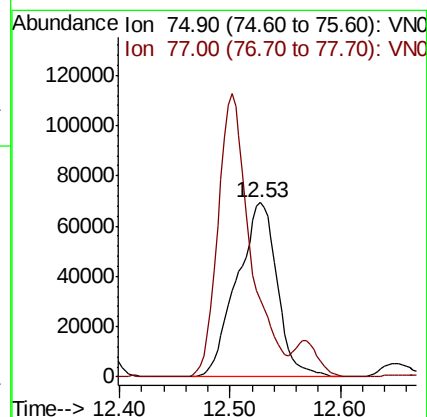
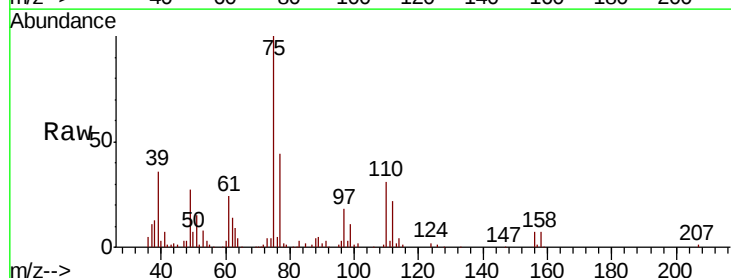
Acq: 31 Aug 2020 13:47

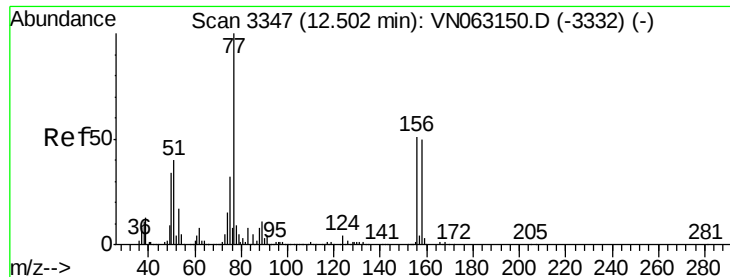
Tgt Ion: 75 Resp: 173984

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 15.476 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

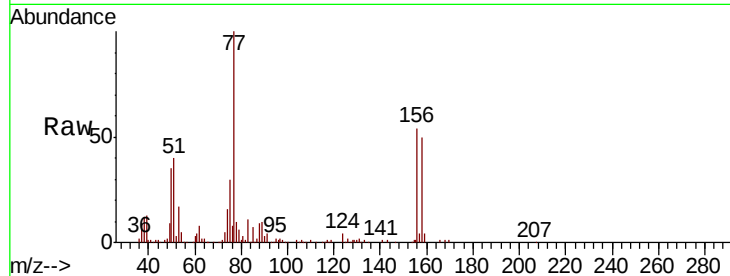
Tot Ion:156 Resp: 102571

Ion Ratio Lower Upper

156 100

77 223.7 116.1 348.3

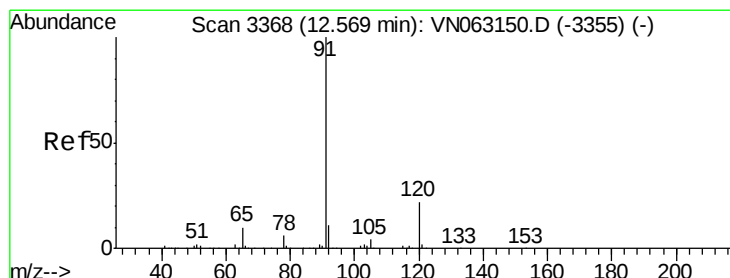
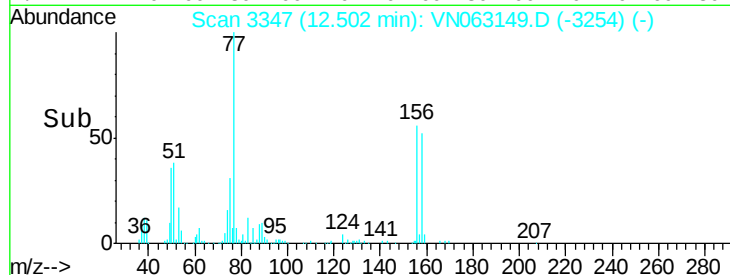
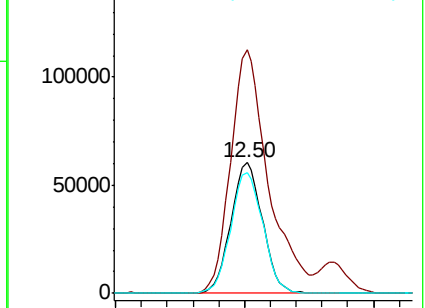
158 94.4 48.8 146.4



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: 19.298 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063149.D

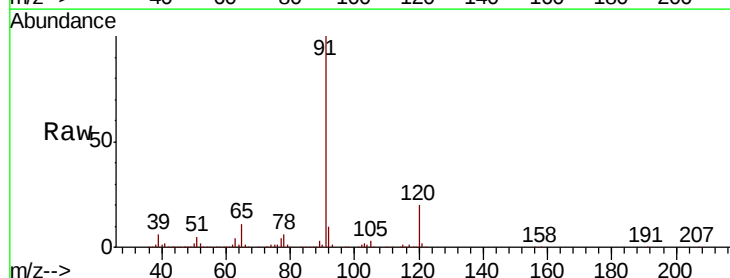
Acq: 31 Aug 2020 13:47

Tgt Ion: 91 Resp: 542409

Ion Ratio Lower Upper

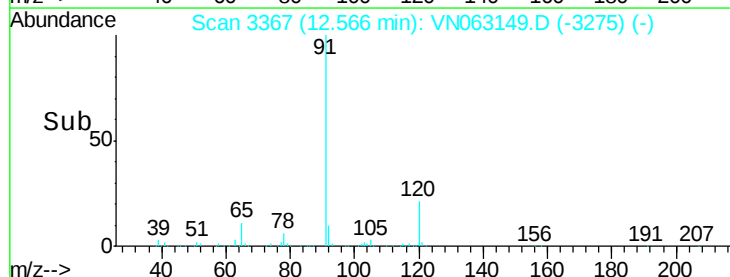
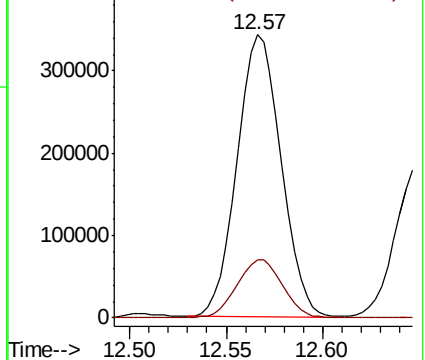
91 100

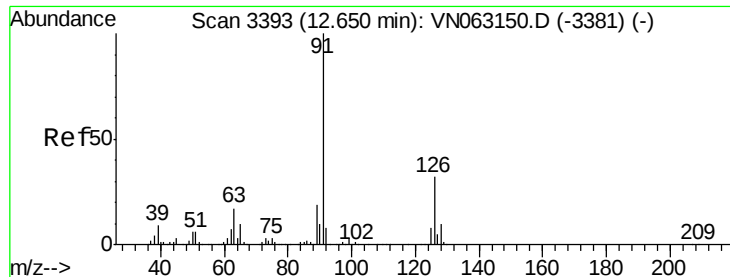
120 21.4 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

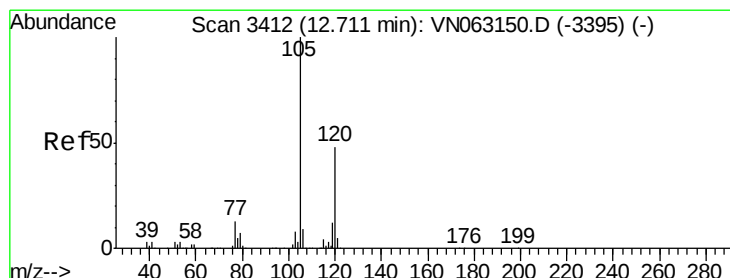
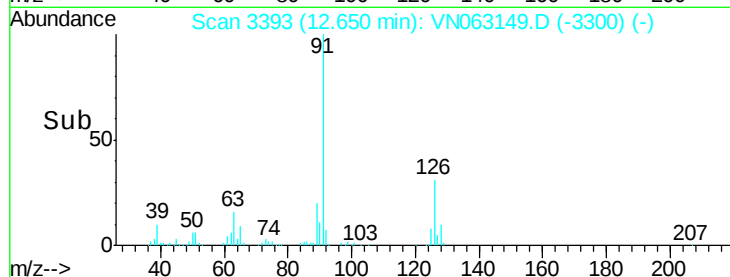
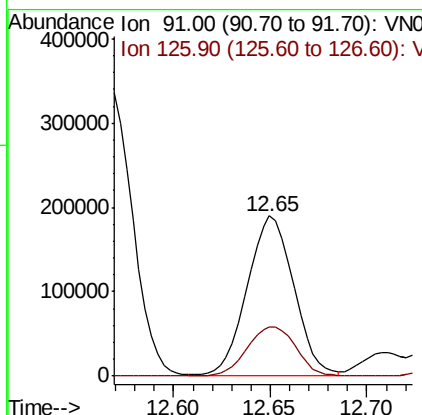
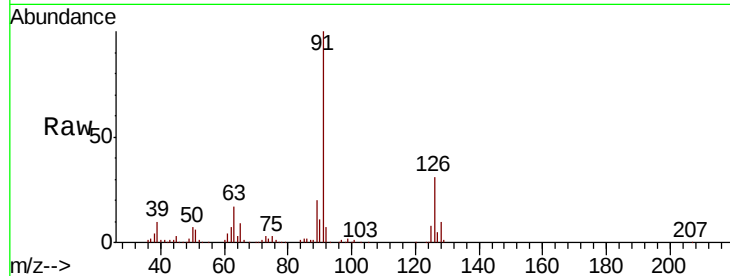




#79
 2-Chlorotoluene
 Concen: 18.339 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

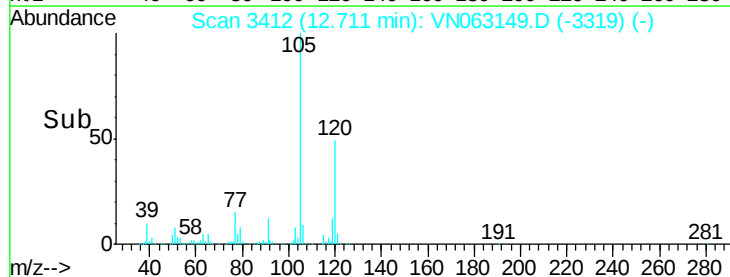
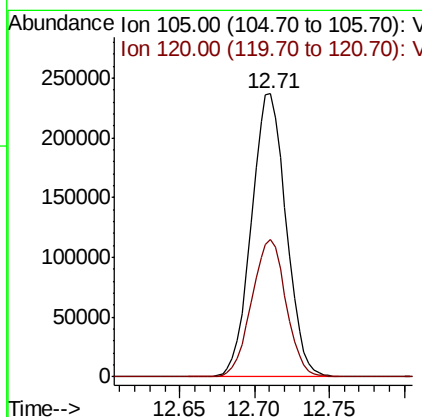
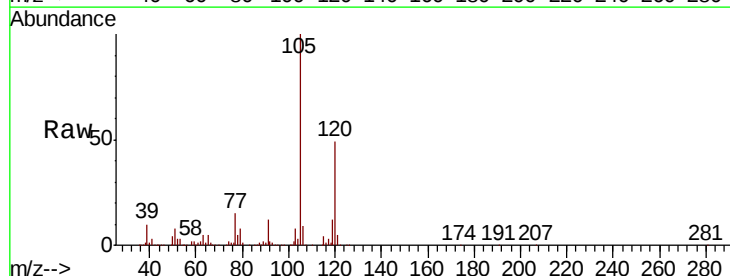
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

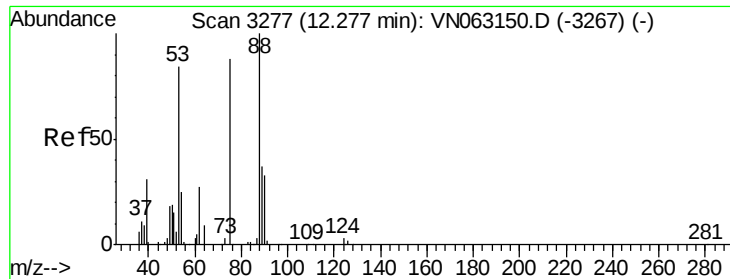
Tot Ion: 91 Resp: 315481
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.296 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Tgt Ion: 105 Resp: 381397
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 22.551 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

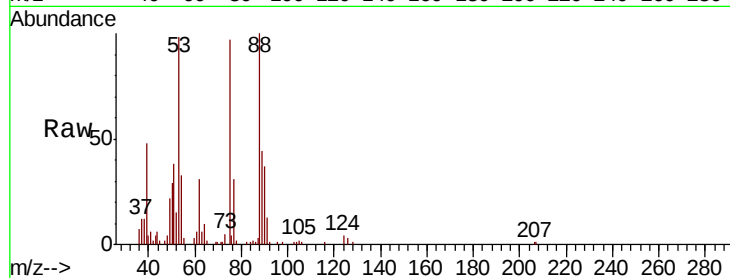
Tot Ion: 75 Resp: 46592

Ion Ratio Lower Upper

75 100

53 97.5 78.7 118.1

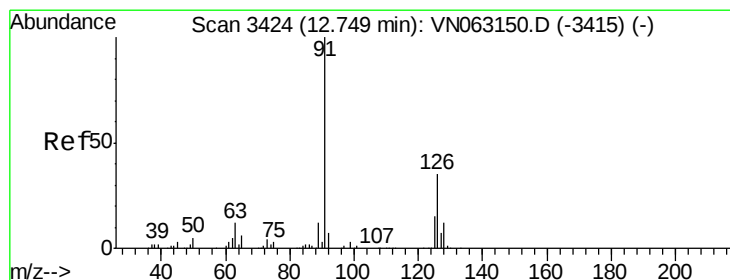
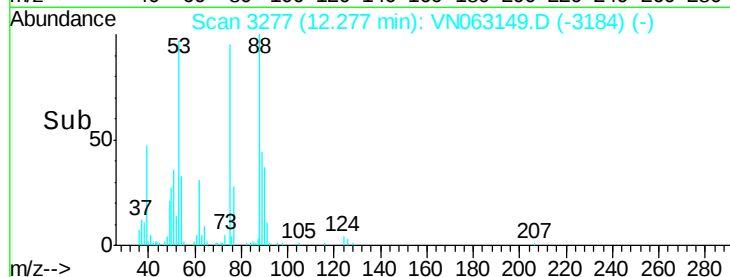
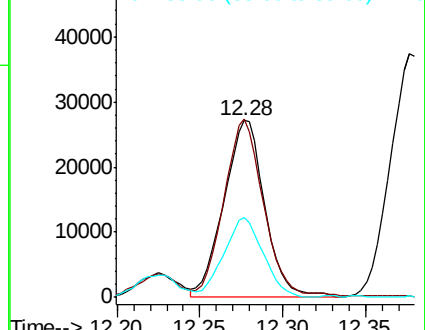
89 43.4 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN063149.D (-3184) (-)

Ion 53.00 (52.70 to 53.70): VN063149.D (-3184) (-)

Ion 88.90 (88.60 to 89.60): VN063149.D (-3184) (-)



#82

4-Chlorotoluene

Concen: 19.098 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063149.D

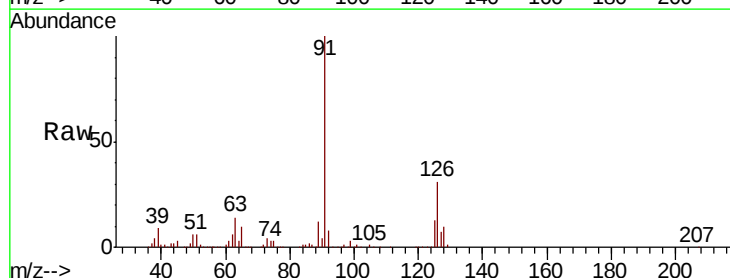
Acq: 31 Aug 2020 13:47

Tgt Ion: 91 Resp: 330797

Ion Ratio Lower Upper

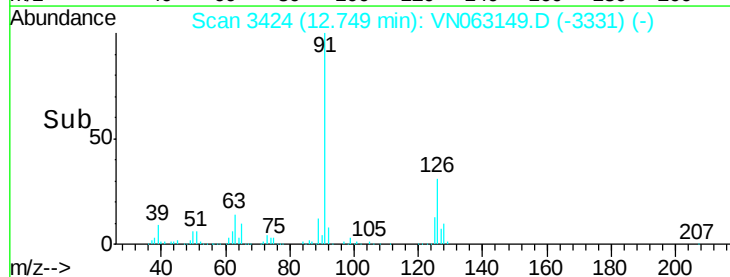
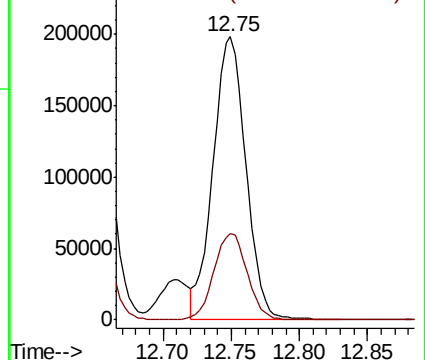
91 100

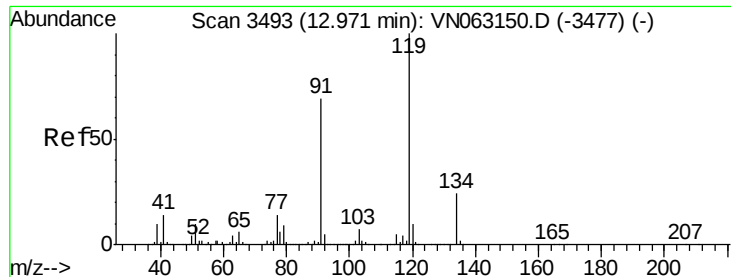
126 31.0 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN063149.D (-3331) (-)

Ion 125.90 (125.60 to 126.60): VN063149.D (-3331) (-)

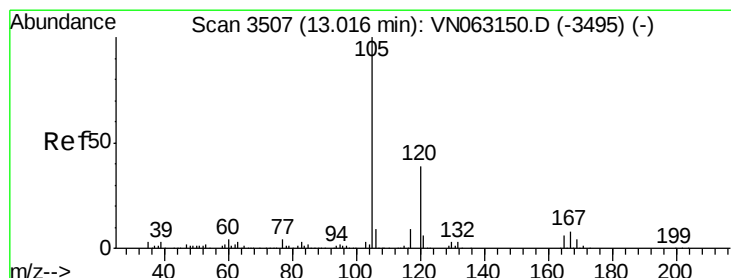
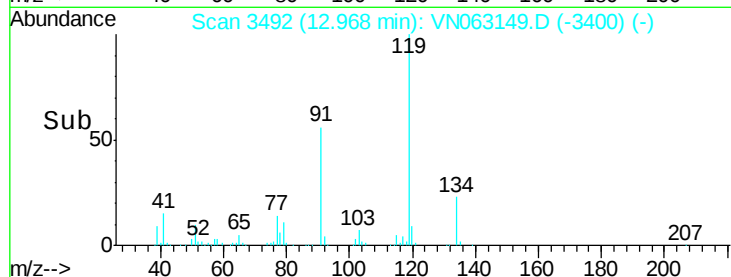
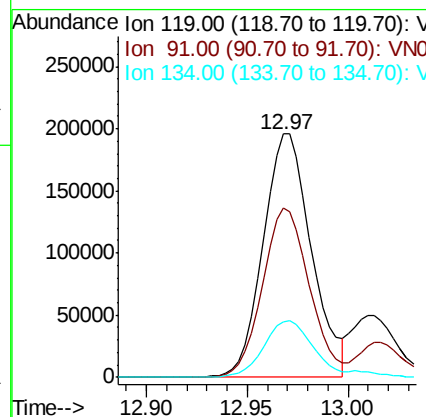
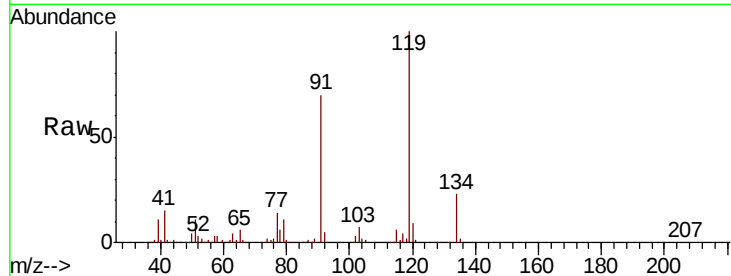




#83
tert-Butylbenzene
Concen: 18.858 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

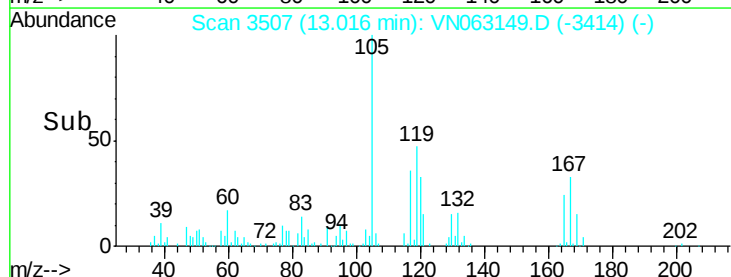
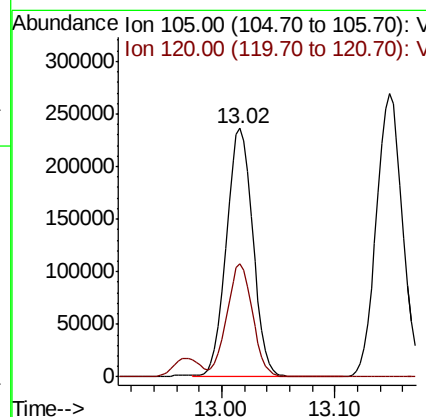
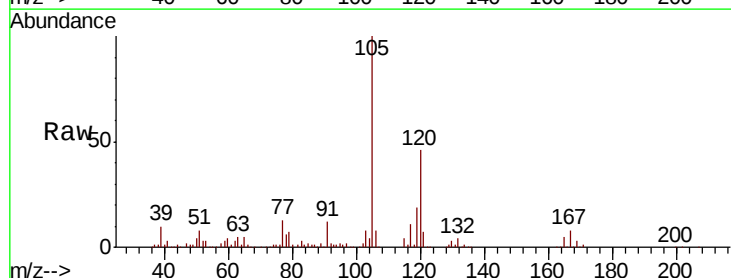
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

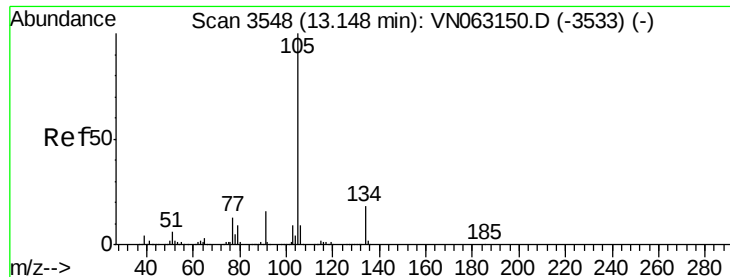
Tot Ion:119 Resp: 325961
Ion Ratio Lower Upper
119 100
91 67.2 33.7 101.0
134 25.3 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 19.183 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion:105 Resp: 382946
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 18.827 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

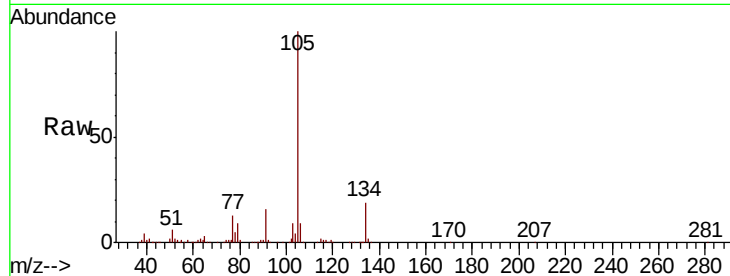
VSTDIC020

Tot Ion:105 Resp: 430965

Ion Ratio Lower Upper

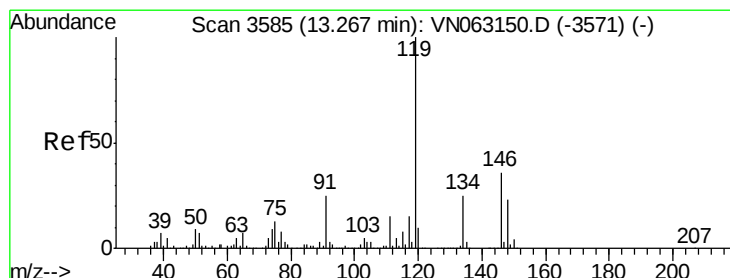
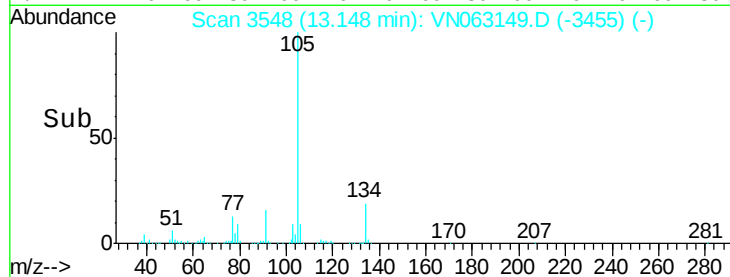
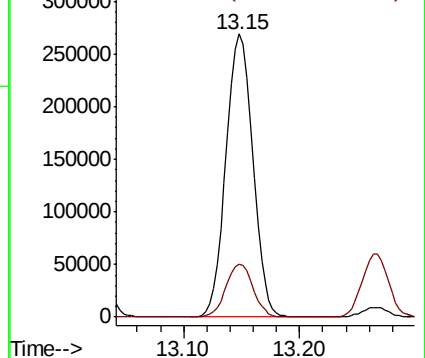
105 100

134 18.7 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.476 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

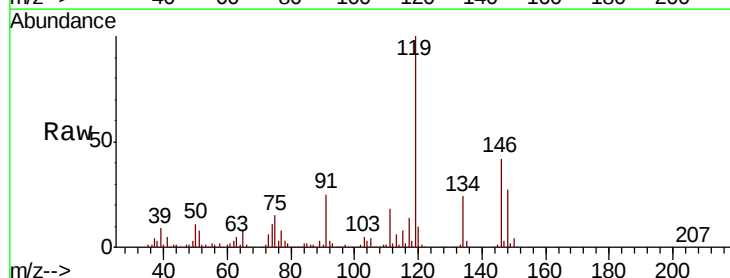
Tgt Ion:119 Resp: 382372

Ion Ratio Lower Upper

119 100

134 24.8 12.4 37.4

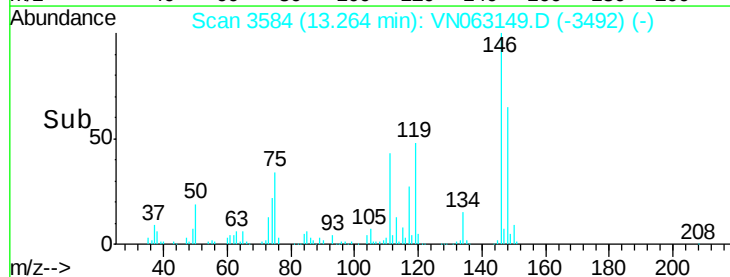
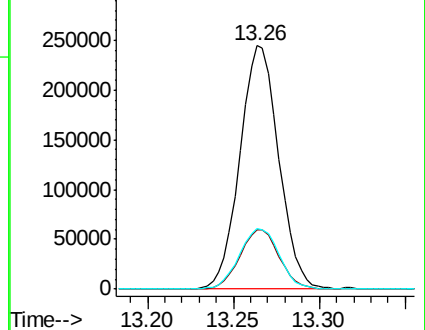
91 25.7 12.2 36.6

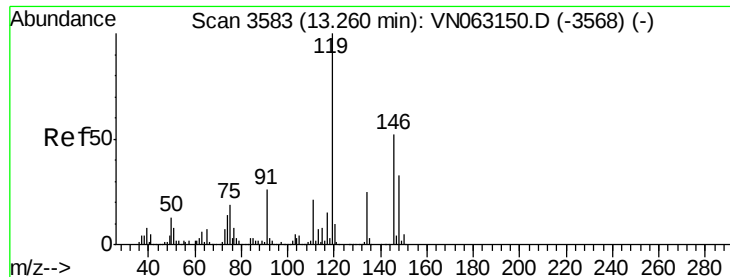


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

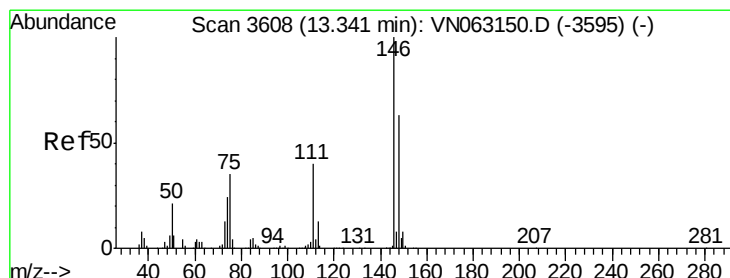
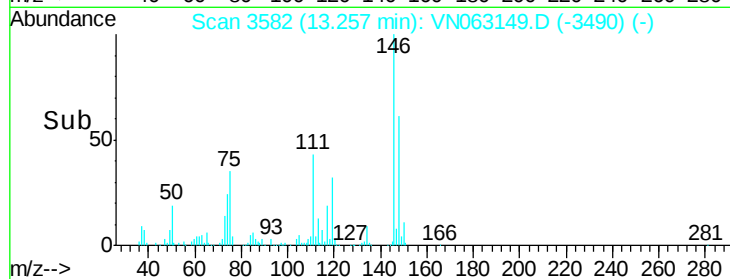
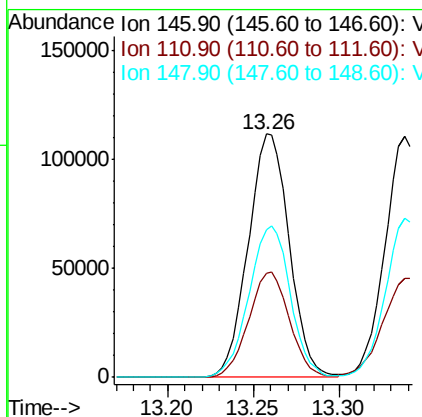
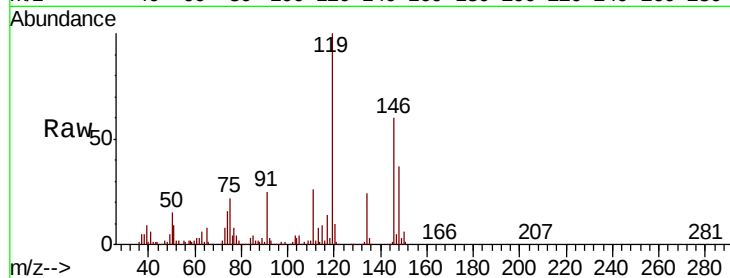




#87
 1,3-Dichlorobenzene
 Concen: 15.905 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

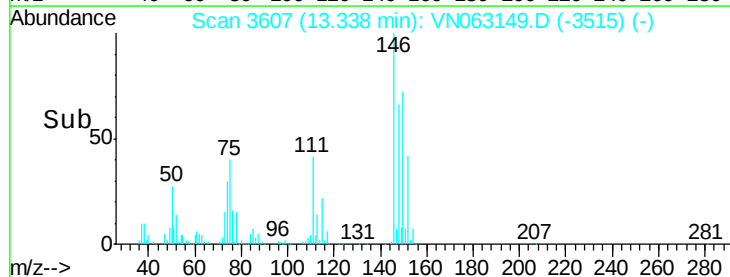
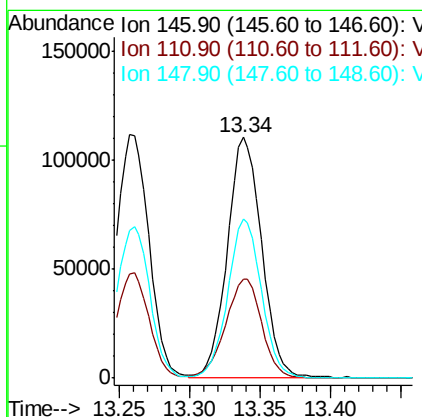
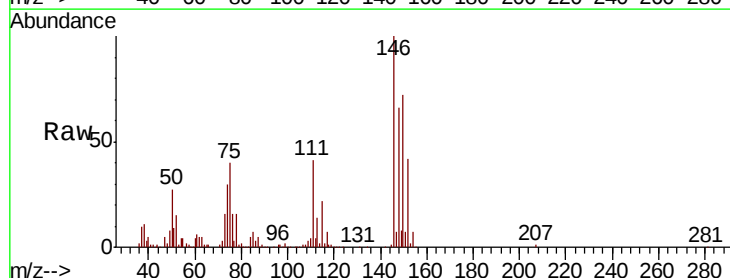
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

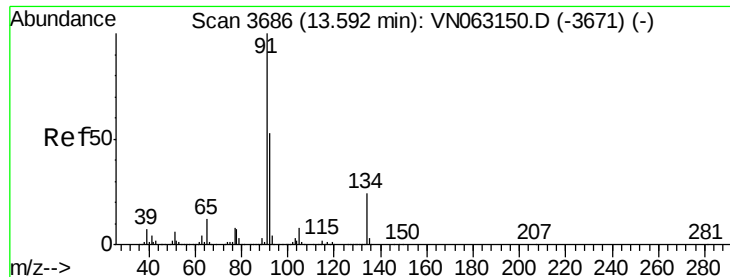
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.3	63.7
148	62.7	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 15.951 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.5	61.5
148	65.1	31.9	95.7

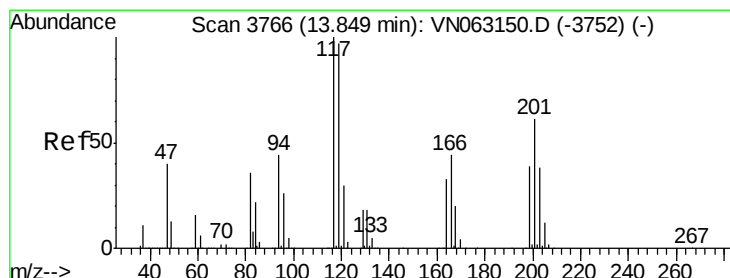
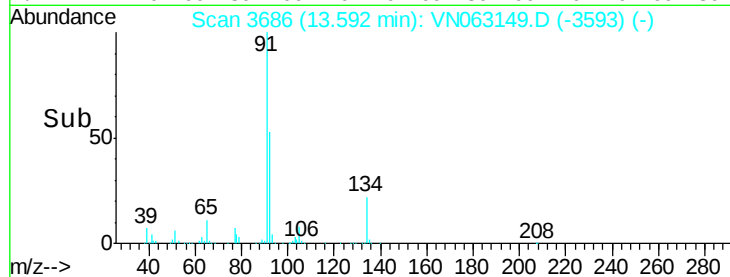
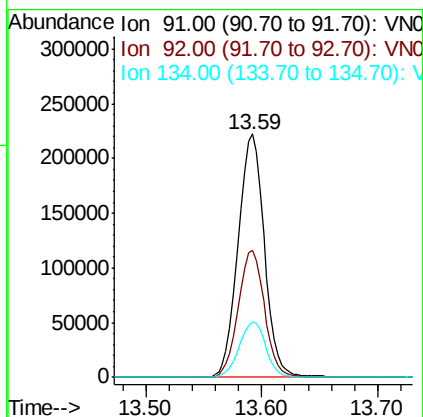
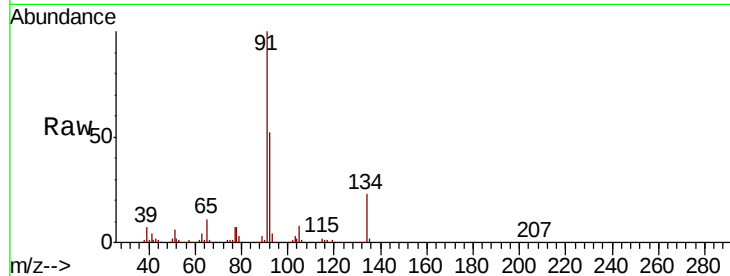




#89
n-Butylbenzene
Concen: 21.130 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

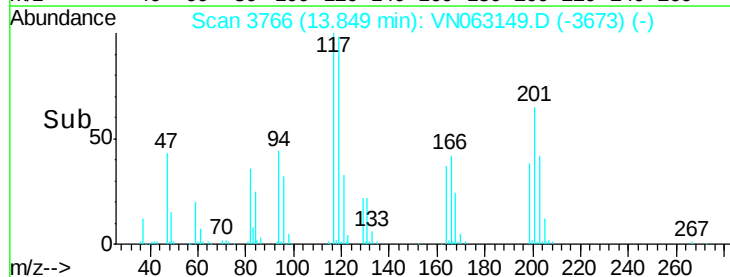
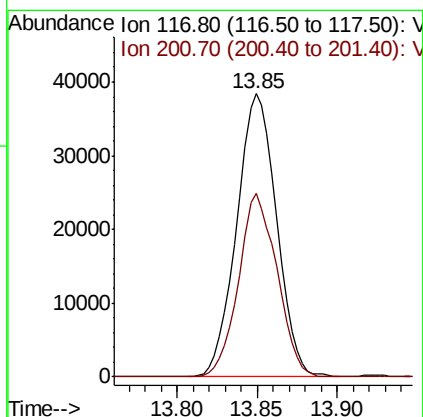
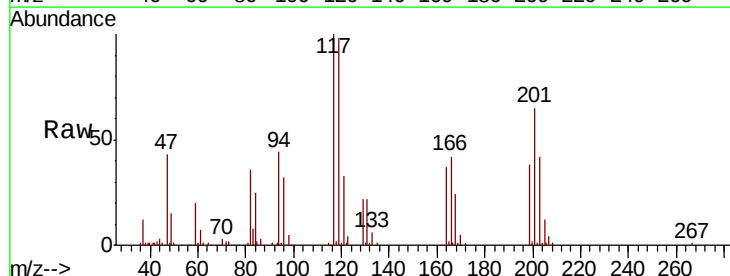
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

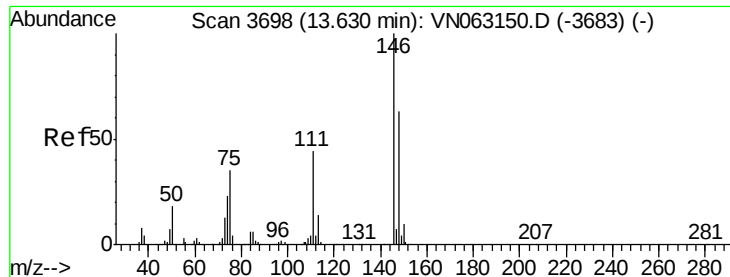
Tot Ion: 91 Resp: 349082
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.8
134 23.3 12.0 36.0



#90
Hexachloroethane
Concen: 14.953 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063149.D
Acq: 31 Aug 2020 13:47

Tgt Ion: 117 Resp: 65186
Ion Ratio Lower Upper
117 100
201 62.3 30.6 92.0

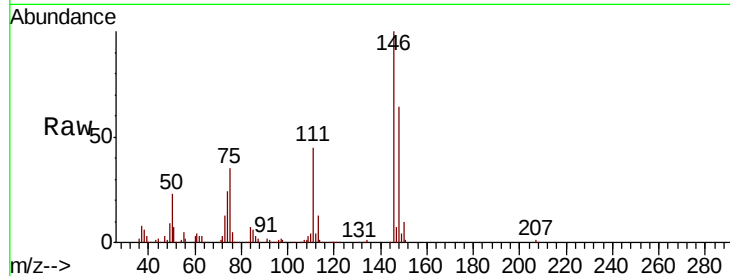




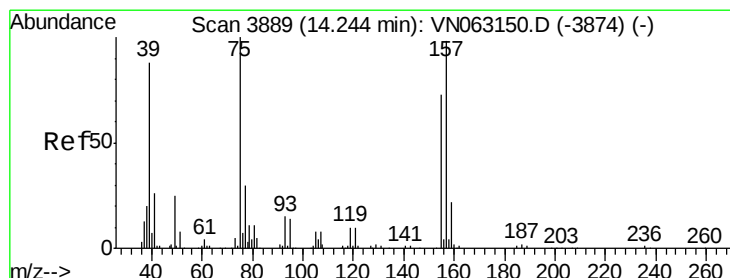
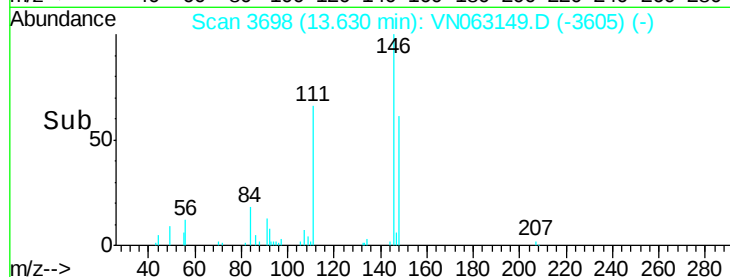
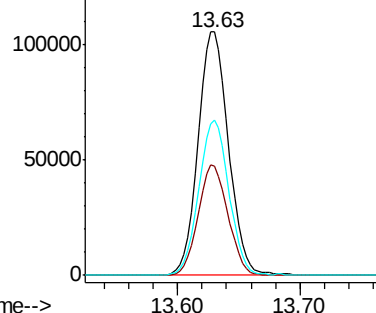
#91
 1,2-Dichlorobenzene
 Concen: 16.100 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.0	66.0
148	62.9	31.6	95.0

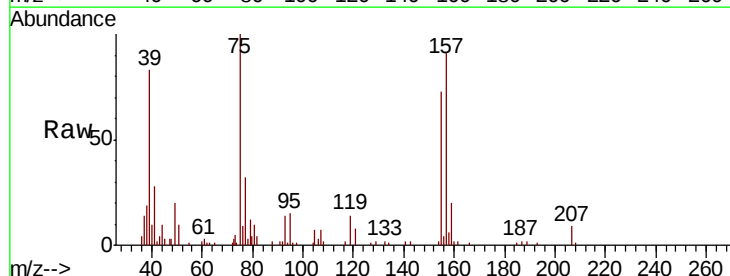


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

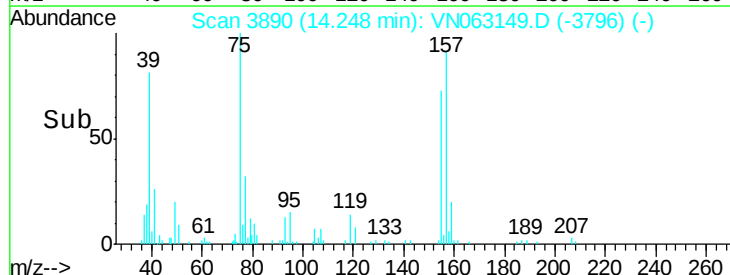
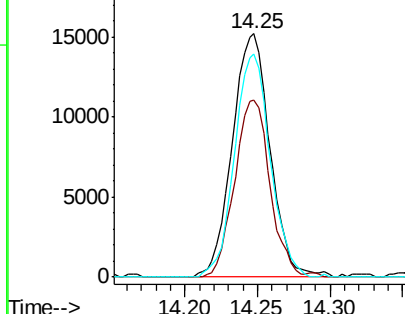


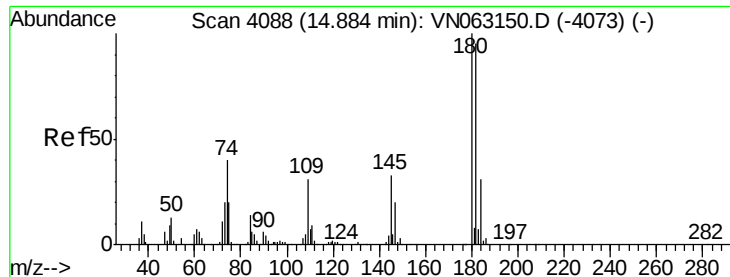
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.347 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.0	36.1	108.5
157	87.0	48.4	145.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

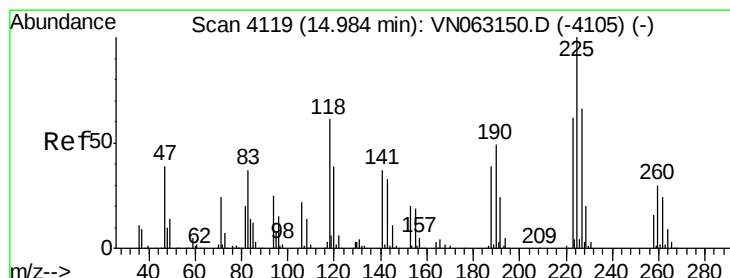
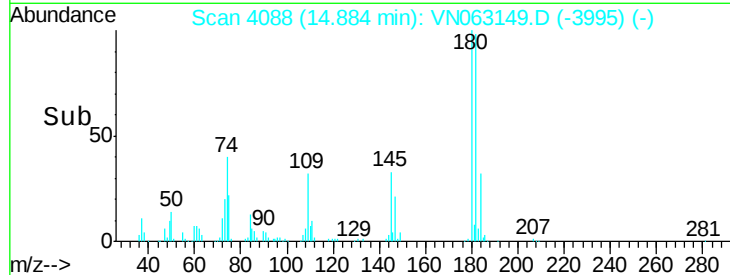
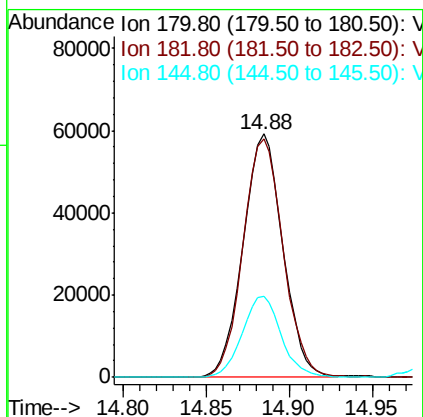
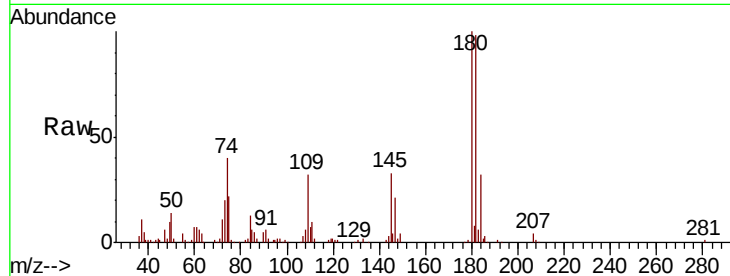




#93
 1,2,4-Trichlorobenzene
 Concen: 18.572 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

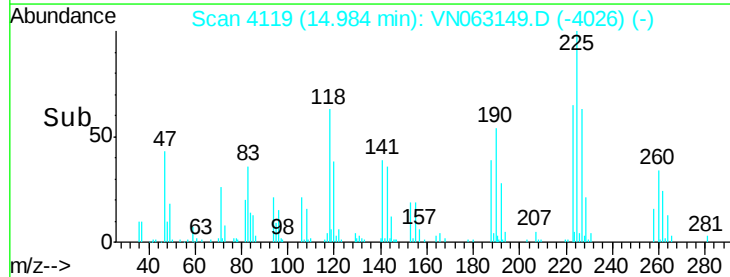
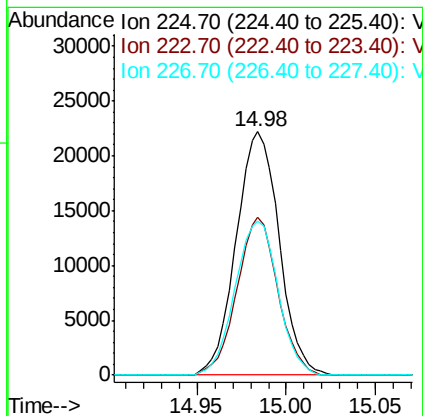
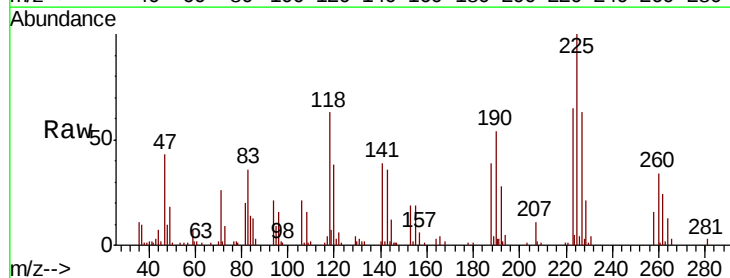
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

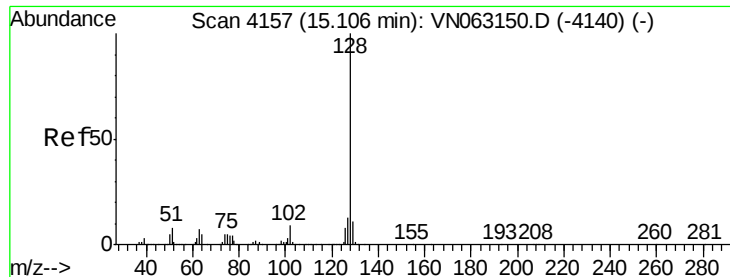
Tot Ion:180 Resp: 98467
 Ion Ratio Lower Upper
 180 100
 182 99.1 47.5 142.5
 145 32.7 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 10.427 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063149.D
 Acq: 31 Aug 2020 13:47

Tgt Ion:225 Resp: 37211
 Ion Ratio Lower Upper
 225 100
 223 61.6 30.9 92.7
 227 63.1 32.9 98.7





#95

Naphthalene

Concen: 25.790 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

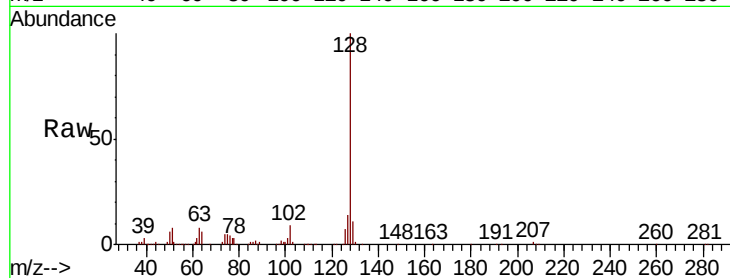
Tot Ion:128 Resp: 333163

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

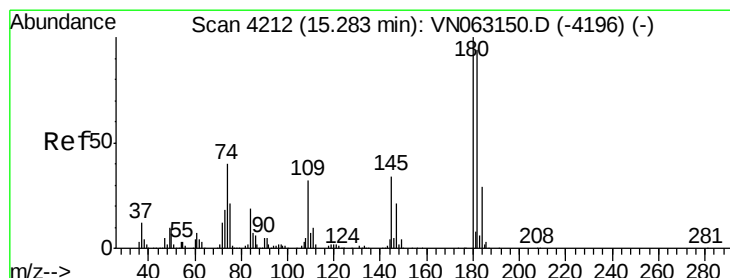
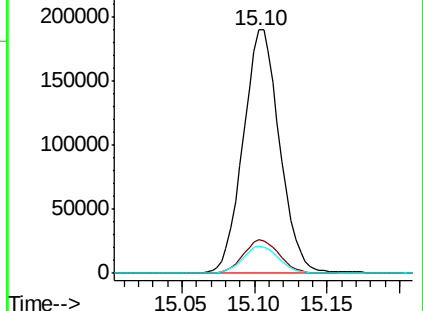
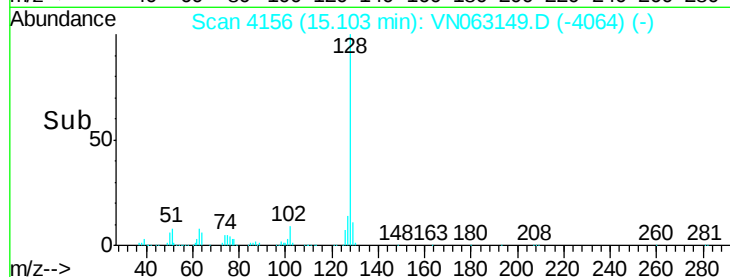
129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.533 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063149.D

Acq: 31 Aug 2020 13:47

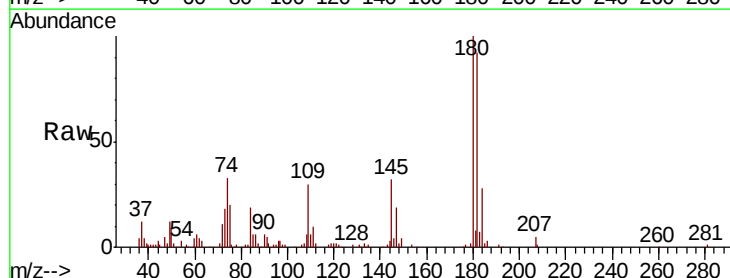
Tgt Ion:180 Resp: 96161

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.5

145 33.8 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

