

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
 Data File : VN063147.D
 Acq On : 31 Aug 2020 12:54
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 01 02:44:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 02:43:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	401127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	748124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	650825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	7925	1.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.72%	
35) Dibromofluoromethane	7.54	113	2705	0.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.90%	
50) Toluene-d8	10.06	98	18983	0.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.72%	
62) 4-Bromofluorobenzene	12.38	95	6070	0.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.60%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	4256	0.980	ug/l	94
3) Chloromethane	2.03	50	6962	1.242	ug/l	92
4) Vinyl Chloride	2.16	62	6240	1.032	ug/l	95
5) Bromomethane	2.54	94	5728	1.377	ug/l #	75
6) Chloroethane	2.68	64	4530	1.087	ug/l #	80
7) Trichlorofluoromethane	2.98	101	8454	1.007	ug/l	96
8) Diethyl Ether	3.37	74	2030	0.707	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	3.72	101	4053	0.817	ug/l	90
10) Methyl Iodide	3.92	142	4686	0.711	ug/l #	73
11) Tert butyl alcohol	4.74	59	2730	5.514	ug/l	98
12) 1,1-Dichloroethene	3.70	96	4454	1.001	ug/l #	78
13) Acrolein	3.57	56	950	3.638	ug/l	99
14) Allyl chloride	4.28	41	6518	0.904	ug/l #	89
15) Acrylonitrile	4.95	53	7366	4.006	ug/l #	56
16) Acetone	3.78	43	9974	6.435	ug/l	98
17) Carbon Disulfide	4.01	76	13117	0.985	ug/l #	93
18) Methyl Acetate	4.28	43	3191	0.577	ug/l	91
19) Methyl tert-butyl Ether	4.99	73	15433	1.200	ug/l	96
20) Methylene Chloride	4.50	84	7603	1.369	ug/l #	91
21) trans-1,2-Dichloroethene	4.99	96	3694	0.777	ug/l #	77
22) Diisopropyl ether	5.90	45	16535	1.123	ug/l #	61
23) Vinyl Acetate	5.85	43	60313	5.603	ug/l #	92
24) 1,1-Dichloroethane	5.80	63	9079	0.977	ug/l #	88
25) 2-Butanone	6.79	43	11565	5.147	ug/l #	88
26) 2,2-Dichloropropane	6.78	77	9695	1.312	ug/l	82
27) cis-1,2-Dichloroethene	6.78	96	2516	0.478	ug/l #	1
28) Bromochloromethane	7.15	49	4991	1.165	ug/l #	55
29) Tetrahydrofuran	7.16	42	3712	2.596	ug/l #	1
30) Chloroform	7.32	83	9798	1.025	ug/l	93
31) Cyclohexane	7.62	56	19186	2.208	ug/l #	64
32) 1,1,1-Trichloroethane	7.53	97	7471	0.899	ug/l #	47
36) 1,1-Dichloropropene	7.75	75	6601	0.807	ug/l #	84
37) Ethyl Acetate	6.88	43	4096	0.689	ug/l #	90
38) Carbon Tetrachloride	7.73	117	6435	0.734	ug/l	88

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	7812	0.913	ug/l #	87
40) Benzene	8.00	78	20016	0.803	ug/l	96
41) Methacrylonitrile	7.13	41	2503	0.847	ug/l #	40
42) 1,2-Dichloroethane	8.09	62	7618	0.903	ug/l	97
43) Isopropyl Acetate	8.12	43	10241	0.985	ug/l #	80
44) Trichloroethene	8.80	130	4638	0.716	ug/l	88
45) 1,2-Dichloropropane	9.09	63	5182	0.772	ug/l	93
46) Dibromomethane	9.18	93	3502	0.831	ug/l	93
47) Bromodichloromethane	9.37	83	7465	0.853	ug/l #	82
48) Methyl methacrylate	9.17	41	4077	0.794	ug/l #	72
49) 1,4-Dioxane	9.17	88	1096	15.030	ug/l #	25
51) 4-Methyl-2-Pentanone	9.95	43	28375	4.901	ug/l	100
52) Toluene	10.12	92	11972	0.807	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	7652	0.868	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	7867	0.821	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	4939	0.802	ug/l #	90
56) Ethyl methacrylate	10.41	69	6868	0.934	ug/l #	91
57) 1,3-Dichloropropane	10.68	76	8311	0.847	ug/l #	69
58) 2-Chloroethyl Vinyl ether	9.66	63	17380	5.096	ug/l	97
59) 2-Hexanone	10.72	43	16788	4.273	ug/l	100
60) Dibromochloromethane	10.87	129	4751	0.706	ug/l	98
61) 1,2-Dibromoethane	10.98	107	4387	0.756	ug/l	99
64) Tetrachloroethene	10.60	164	5330	0.935	ug/l #	81
65) Chlorobenzene	11.41	112	12100	0.756	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.48	131	4442	0.715	ug/l #	59
67) Ethyl Benzene	11.49	91	21777	0.830	ug/l	99
68) m/p-Xylenes	11.60	106	15515	1.578	ug/l	99
69) o-Xylene	11.92	106	7506	0.792	ug/l	96
70) Styrene	11.94	104	12485	0.809	ug/l	95
71) Bromoform	12.10	173	2736	0.627	ug/l #	99
73) Isopropylbenzene	12.23	105	19705	0.949	ug/l	96
74) N-amyl acetate	12.05	43	7287	1.080	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.48	83	5776	0.921	ug/l	93
76) 1,2,3-Trichloropropane	12.53	75	8008	1.539	ug/l #	100
77) Bromobenzene	12.50	156	2769	0.496	ug/l #	44
78) n-propylbenzene	12.57	91	22931	0.969	ug/l	97
79) 2-Chlorotoluene	12.65	91	13895	0.959	ug/l	94
80) 1,3,5-Trimethylbenzene	12.71	105	16077	0.966	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	2155	1.239	ug/l	96
82) 4-Chlorotoluene	12.75	91	13775	0.945	ug/l	99
83) tert-Butylbenzene	12.97	119	14711	1.011	ug/l	93
84) 1,2,4-Trimethylbenzene	13.02	105	16421	0.977	ug/l	99
85) sec-Butylbenzene	13.15	105	17787	0.923	ug/l	98
86) p-Isopropyltoluene	13.26	119	14600	0.883	ug/l	93
87) 1,3-Dichlorobenzene	13.26	146	7704	0.787	ug/l	92
88) 1,4-Dichlorobenzene	13.26	146	7704	0.779	ug/l	90
89) n-Butylbenzene	13.59	91	14362	1.033	ug/l	97
90) Hexachloroethane	13.86	117	3082	0.840	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	7018	0.728	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1533	1.483	ug/l	69

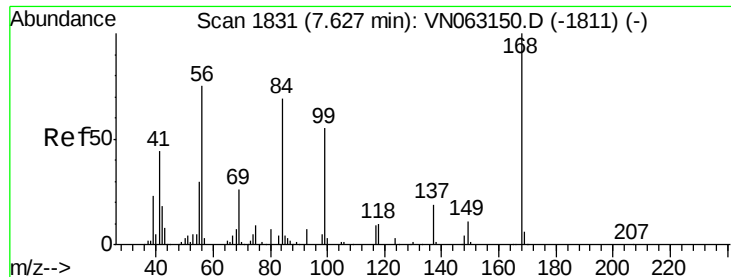
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083120\
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Quant Title : SW846 8260
QLast Update : Tue Sep 01 02:43:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	4401	0.986	ug/l	92
94) Hexachlorobutadiene	14.98	225	1989	0.662	ug/l	94
95) Naphthalene	15.11	128	13930	1.281	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	4872	1.055	ug/l	76

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

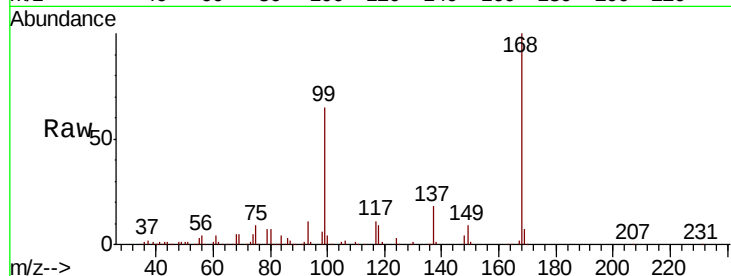
VSTDIC001

Tot Ion:168 Resp: 401127

Ion Ratio Lower Upper

168 100

99 64.3 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

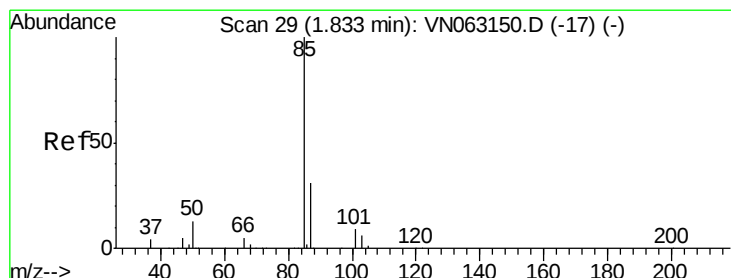
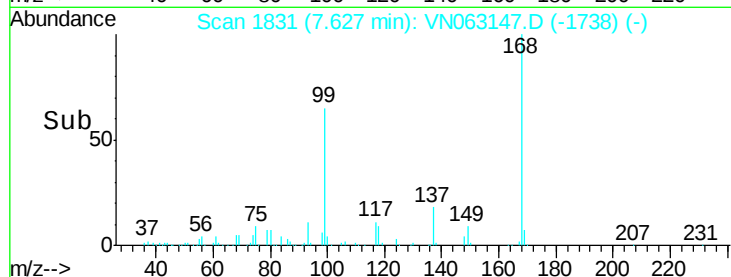
100000

50000

0

Time-->

7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.980 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063147.D

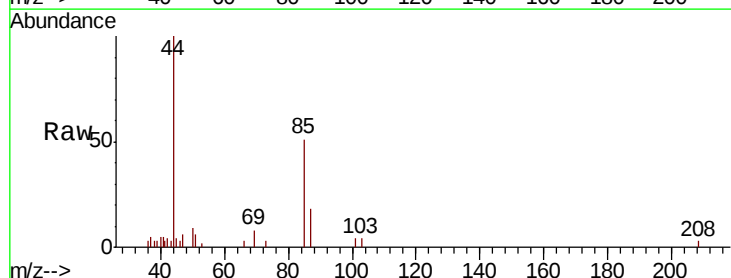
Acq: 31 Aug 2020 12:54

Tgt Ion: 85 Resp: 4256

Ion Ratio Lower Upper

85 100

87 34.4 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

3000

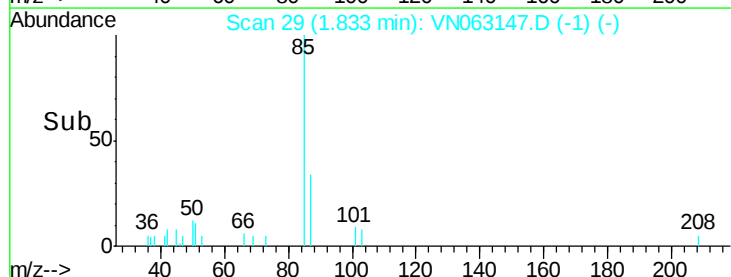
2000

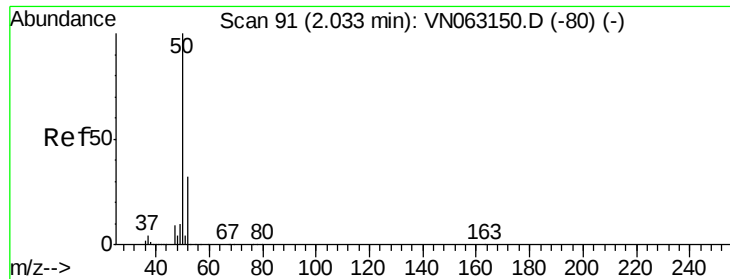
1000

0

Time-->

1.80 1.85





#3

Chloromethane

Concen: 1.242 ug/l

RT: 2.03 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

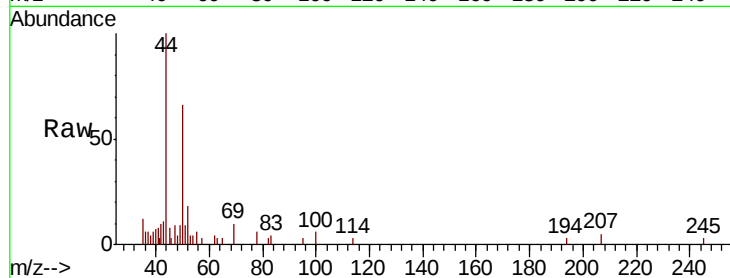
VSTDIC001

Tot Ion: 50 Resp: 6962

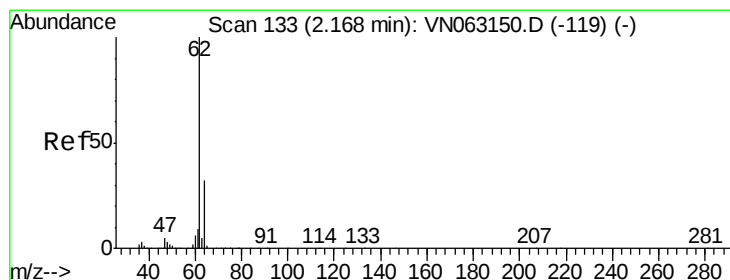
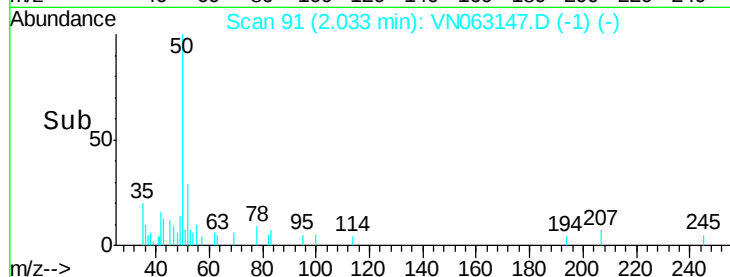
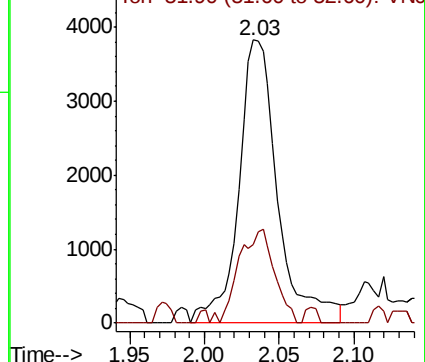
Ion Ratio Lower Upper

50 100

52 27.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN063147.D (-1) (-)



#4

Vinyl Chloride

Concen: 1.032 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.01 min

Lab File: VN063147.D

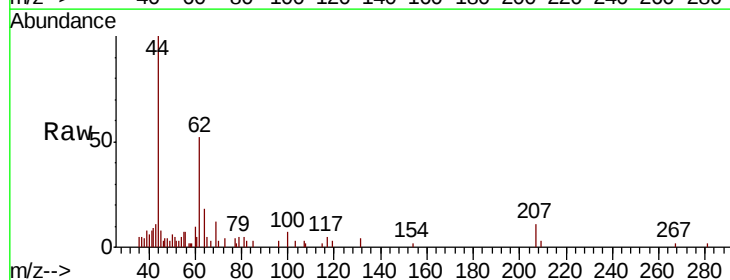
Acq: 31 Aug 2020 12:54

Tgt Ion: 62 Resp: 6240

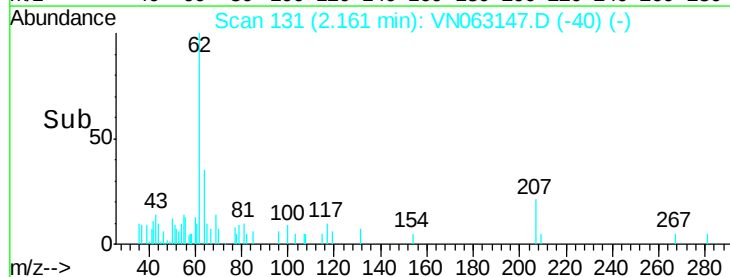
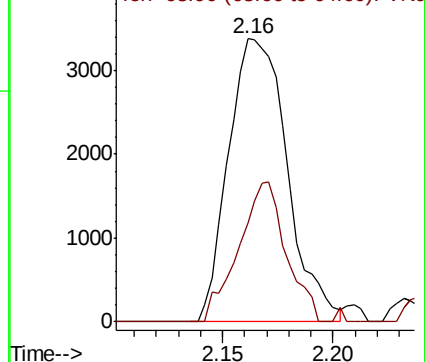
Ion Ratio Lower Upper

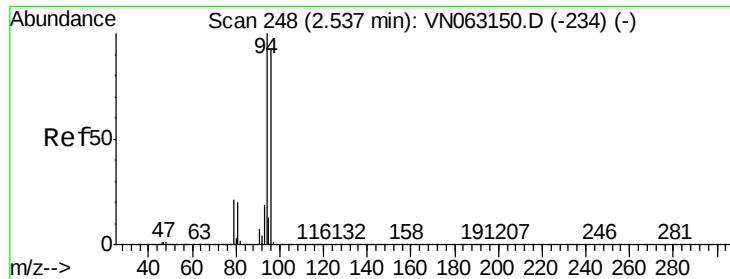
62 100

64 35.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN063147.D (-40) (-)





#5

Bromomethane

Concen: 1.377 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

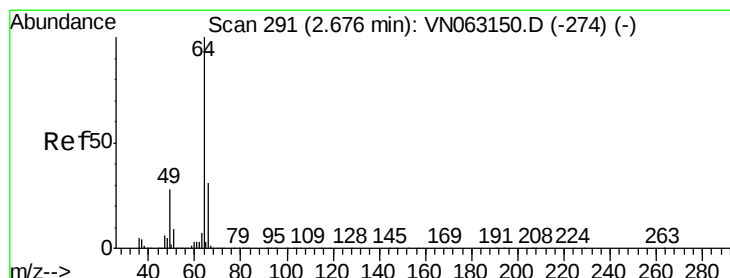
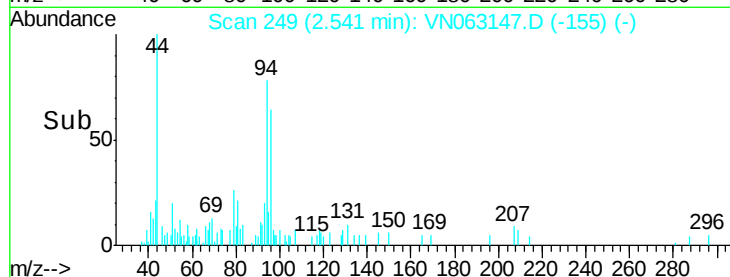
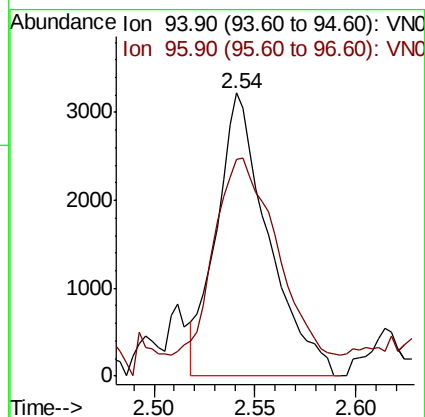
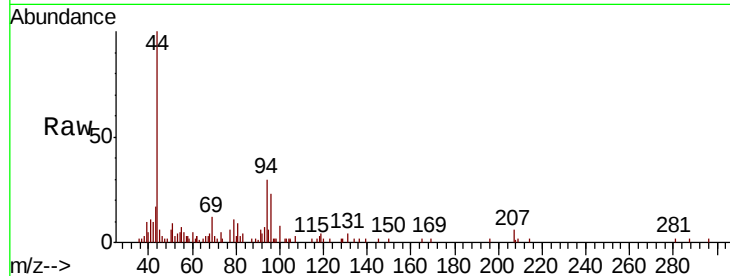
VSTDIC001

Tot Ion: 94 Resp: 5728

Ion Ratio Lower Upper

94 100

96 69.2 74.4 111.6#



#6

Chloroethane

Concen: 1.087 ug/l

RT: 2.68 min Scan# 293

Delta R.T. 0.01 min

Lab File: VN063147.D

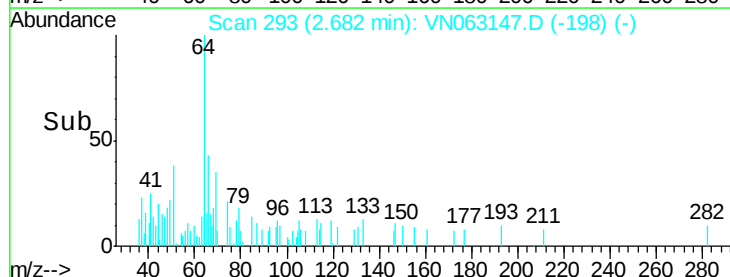
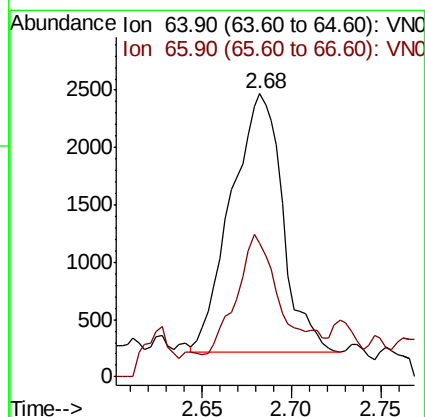
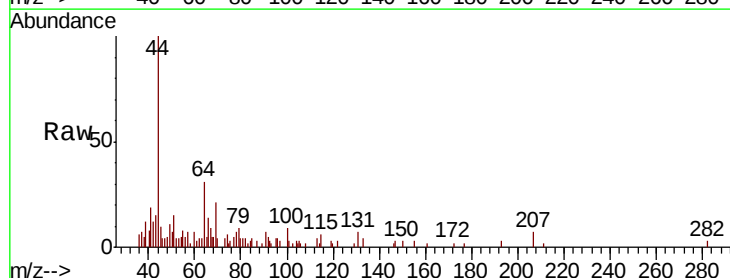
Acq: 31 Aug 2020 12:54

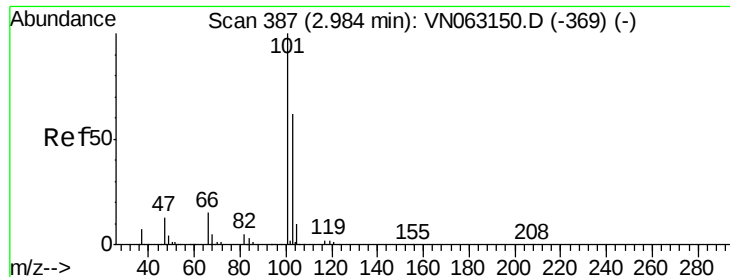
Tgt Ion: 64 Resp: 4530

Ion Ratio Lower Upper

64 100

66 41.8 24.7 37.1#



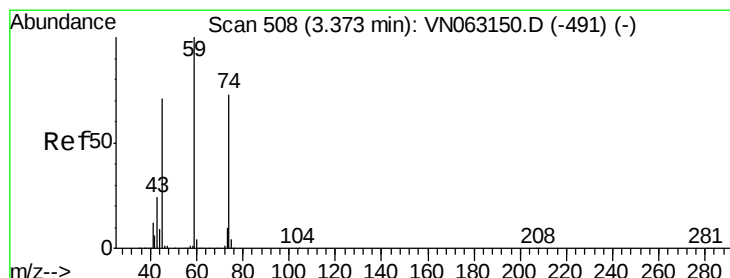
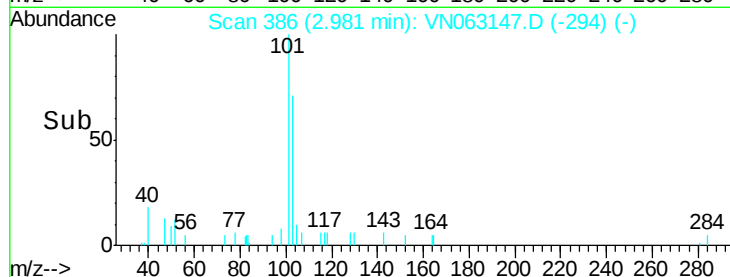
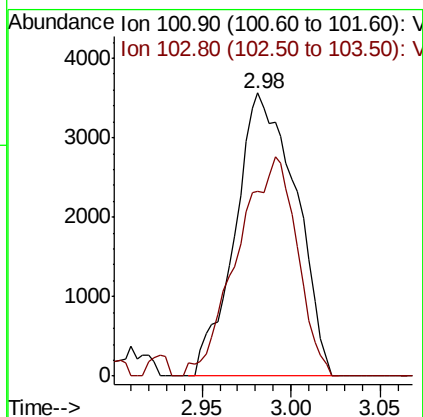
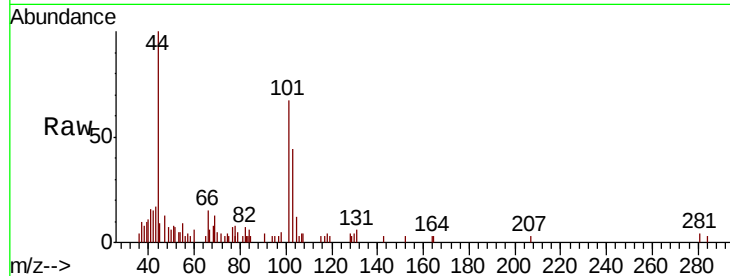


#7

Trichlorofluoromethane
 Concen: 1.007 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

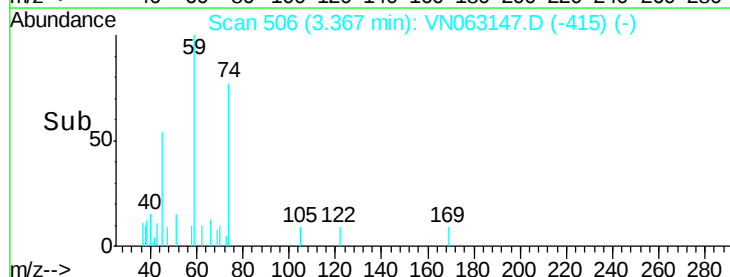
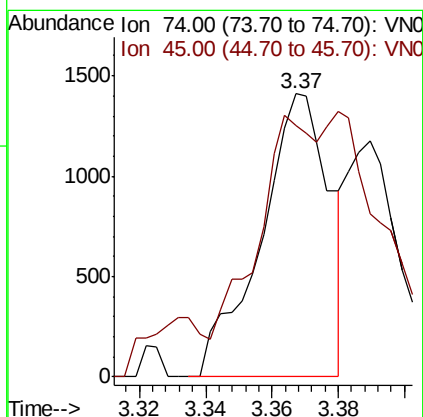
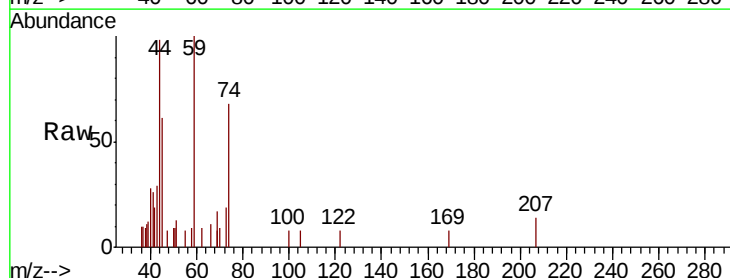
Tot Ion:101 Resp: 8454
 Ion Ratio Lower Upper
 101 100
 103 65.2 49.7 74.5

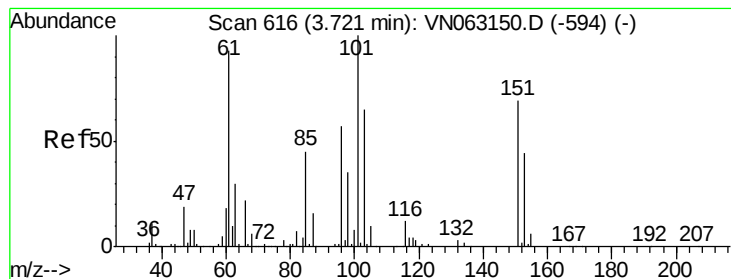


#8

Diethyl Ether
 Concen: 0.707 ug/l
 RT: 3.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion: 74 Resp: 2030
 Ion Ratio Lower Upper
 74 100
 45 64.1 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.817 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

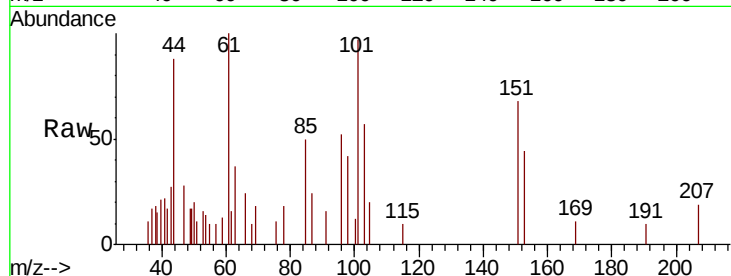
Tot Ion:101 Resp: 4053

Ion Ratio Lower Upper

101 100

85 51.7 37.8 56.8

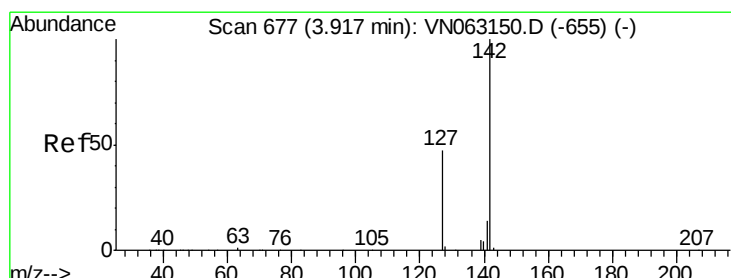
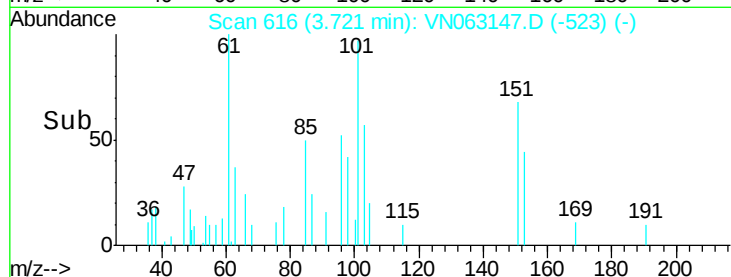
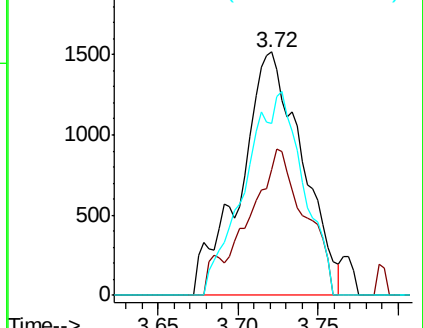
151 79.2 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.711 ug/l

RT: 3.92 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

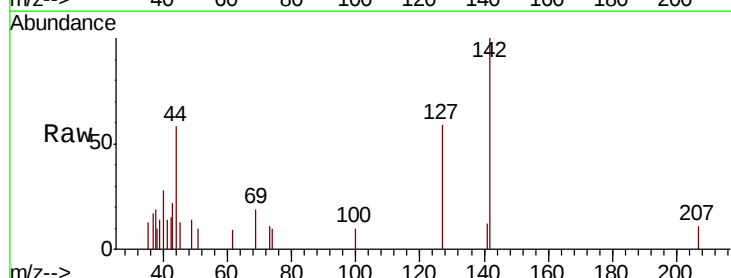
Tgt Ion:142 Resp: 4686

Ion Ratio Lower Upper

142 100

127 28.0 37.6 56.4#

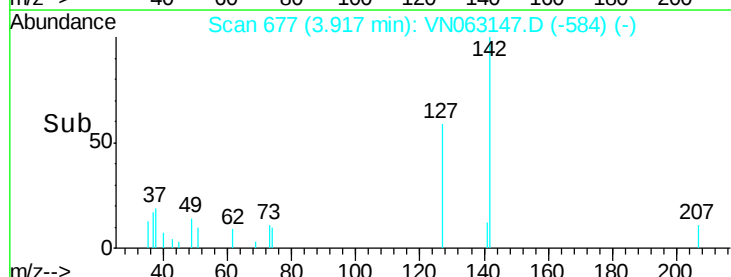
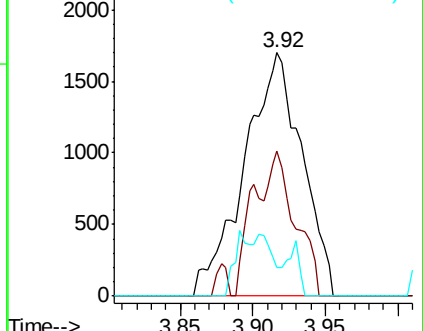
141 4.3 11.3 16.9#

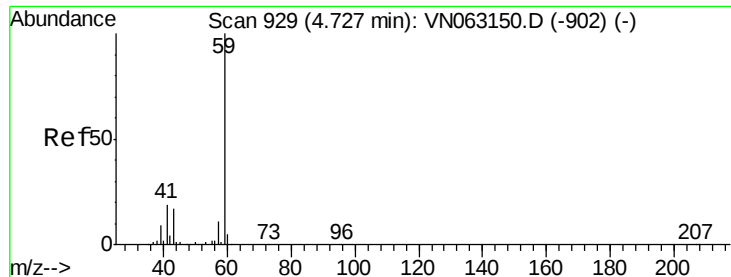


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

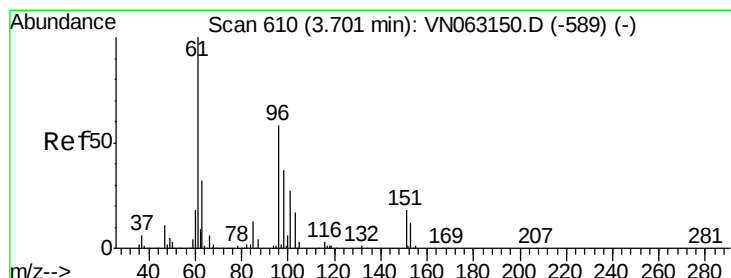
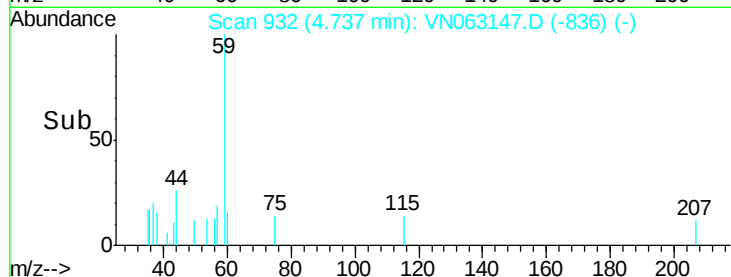
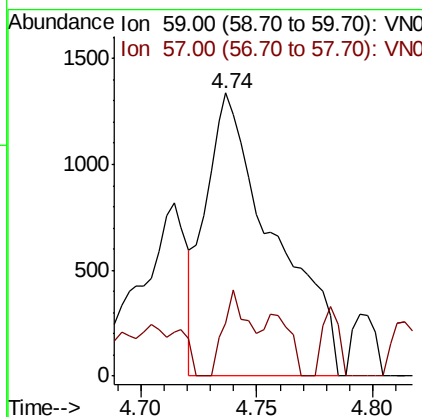
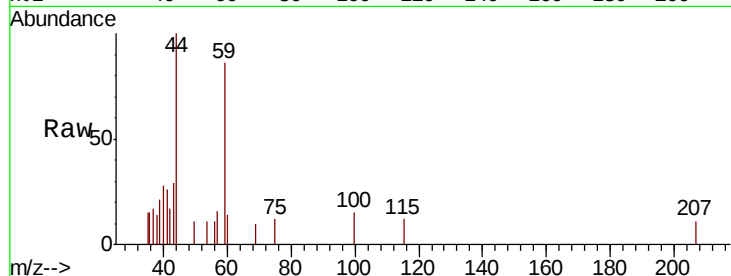




#11
Tert butyl alcohol
Concen: 5.514 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

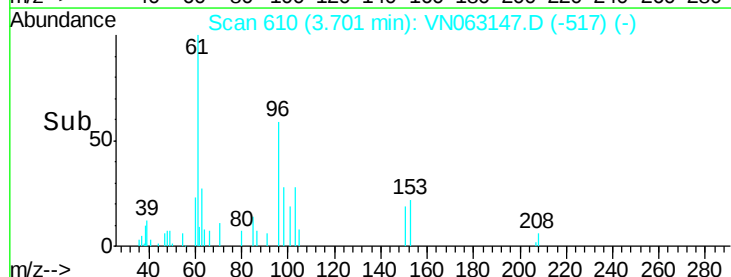
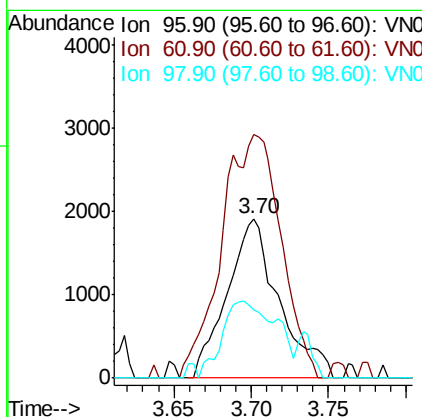
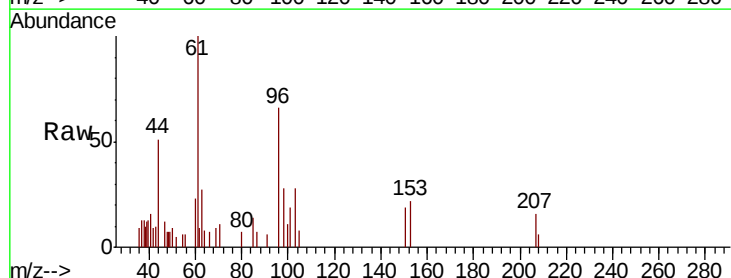
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

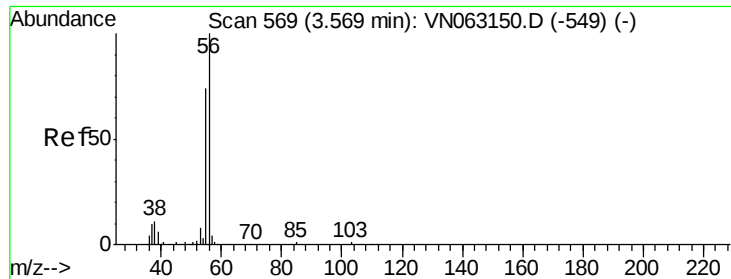
Tot Ion: 59 Resp: 2730
Ion Ratio Lower Upper
59 100
57 11.1 8.4 12.6



#12
1,1-Dichloroethene
Concen: 1.001 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion: 96 Resp: 4454
Ion Ratio Lower Upper
96 100
61 142.5 137.4 206.2
98 43.0 50.5 75.7#





#13

Acrolein

Concen: 3.638 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

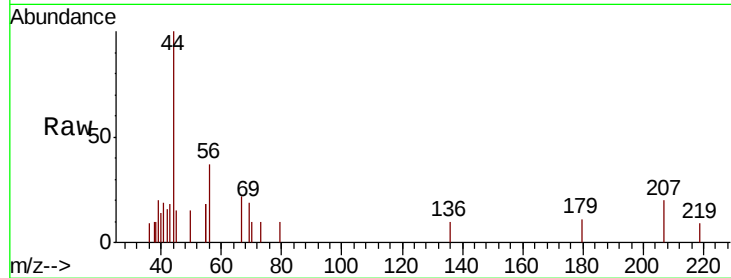
VSTDIC001

Tot Ion: 56 Resp: 950

Ion Ratio Lower Upper

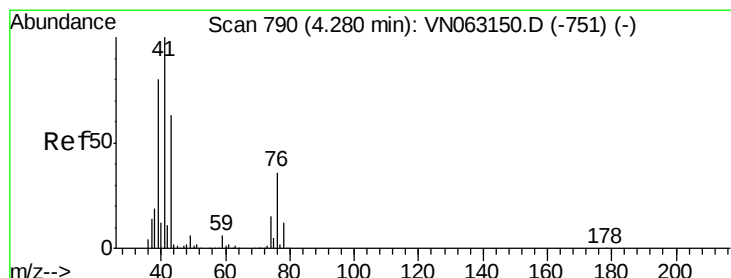
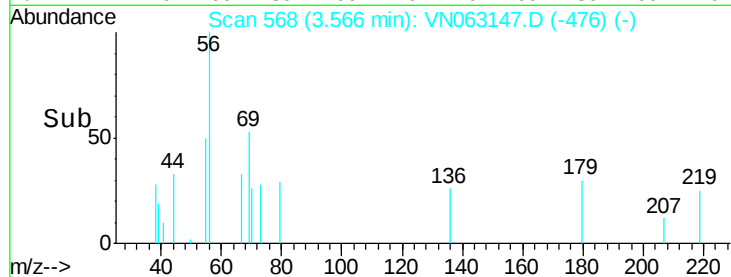
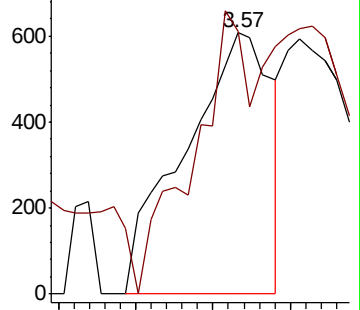
56 100

55 68.6 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN063147.D (-476) (-)

Ion 55.00 (54.70 to 55.70): VN063147.D (-476) (-)



#14

Allyl chloride

Concen: 0.904 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

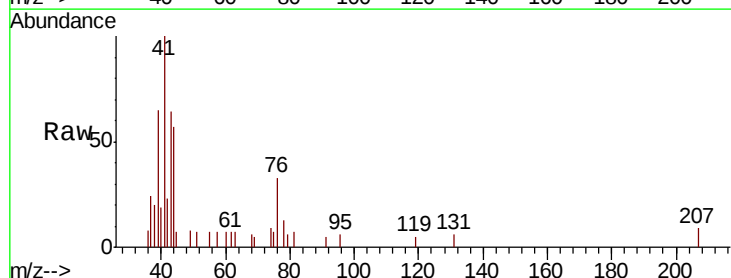
Tgt Ion: 41 Resp: 6518

Ion Ratio Lower Upper

41 100

39 79.7 60.2 90.2

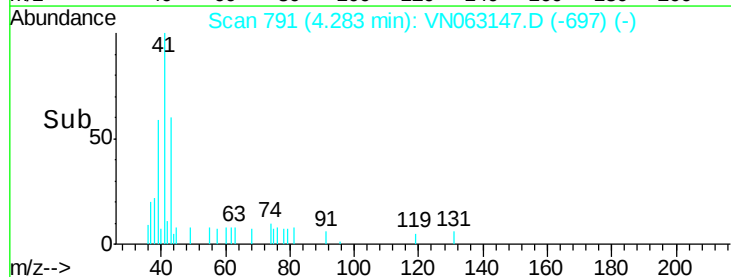
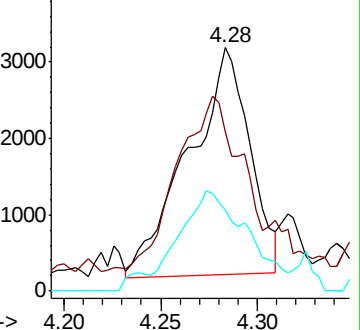
76 48.7 27.7 41.5#

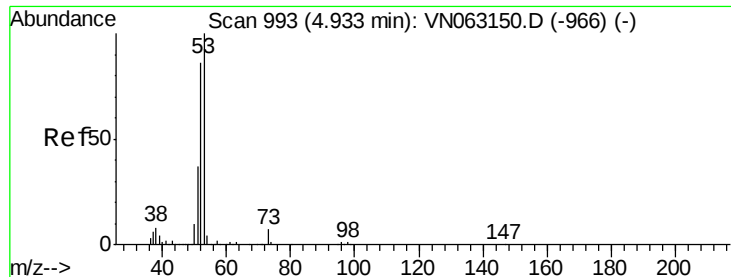


Abundance Ion 41.00 (40.70 to 41.70): VN063147.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN063147.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN063147.D (-697) (-)





#15

Acrylonitrile

Concen: 4.006 ug/l

RT: 4.95 min Scan# 998

Delta R.T. 0.02 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

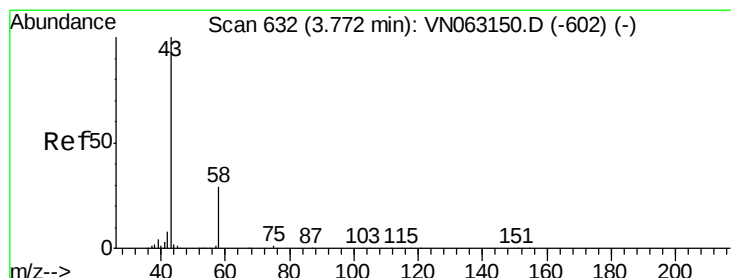
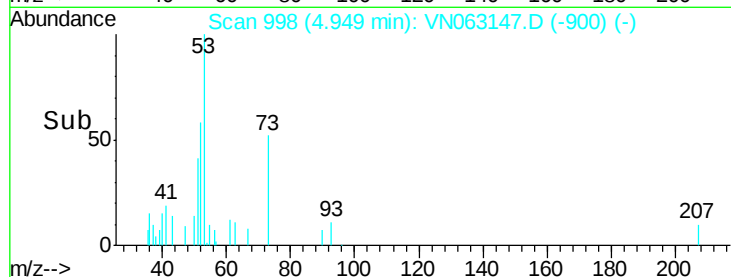
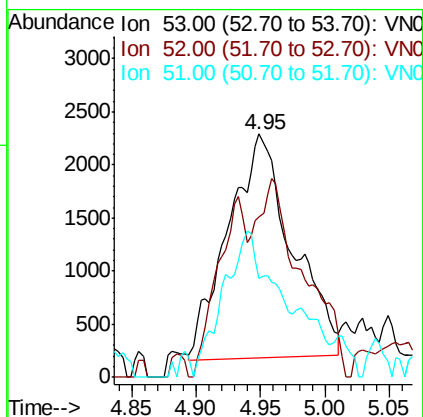
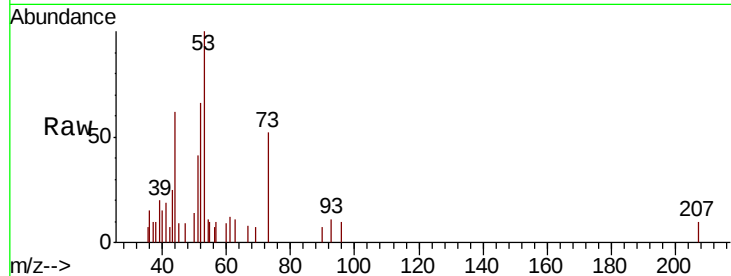
Tot Ion: 53 Resp: 7366

Ion Ratio Lower Upper

53 100

52 35.4 67.2 100.8#

51 51.2 30.2 45.4#



#16

Acetone

Concen: 6.435 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063147.D

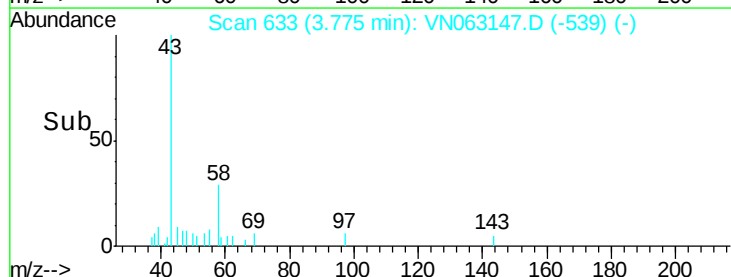
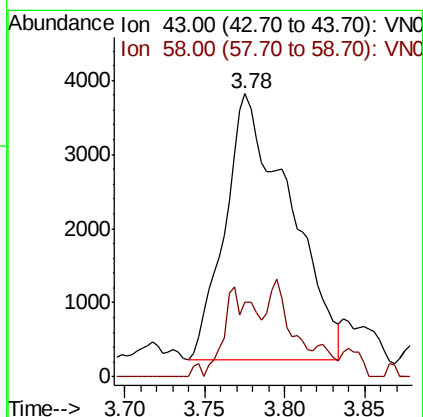
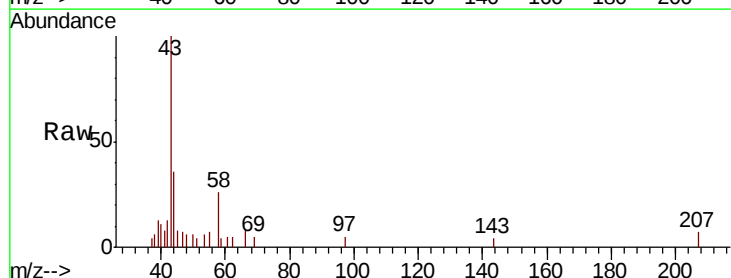
Acq: 31 Aug 2020 12:54

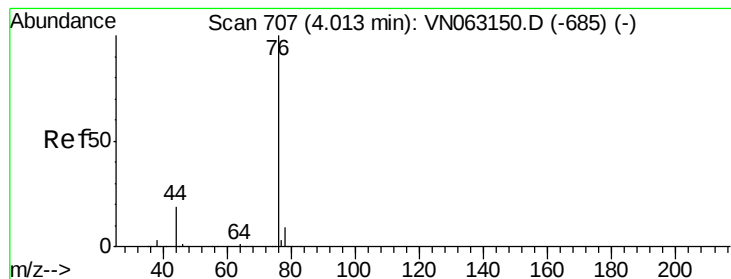
Tgt Ion: 43 Resp: 9974

Ion Ratio Lower Upper

43 100

58 28.1 23.1 34.7





#17

Carbon Disulfide

Concen: 0.985 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

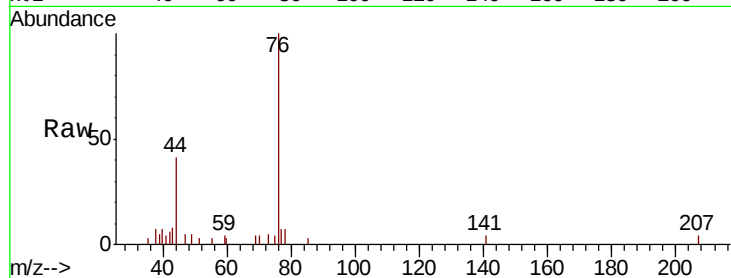
VSTDIC001

Tot Ion: 76 Resp: 13117

Ion Ratio Lower Upper

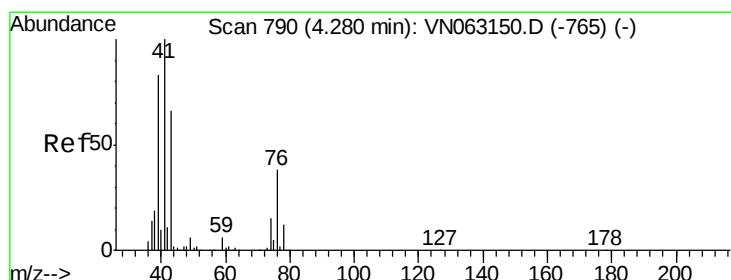
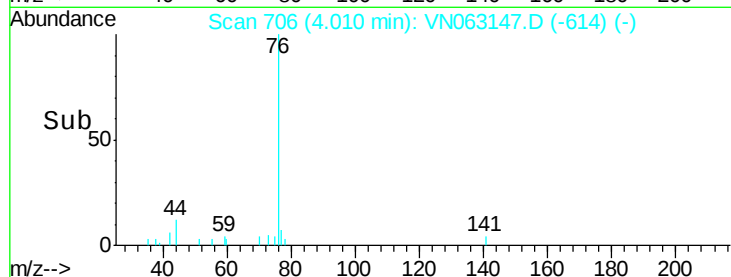
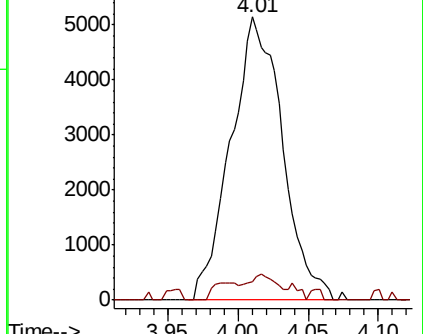
76 100

78 6.7 7.5 11.3#



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

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



#18

Methyl Acetate

Concen: 0.577 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN063147.D

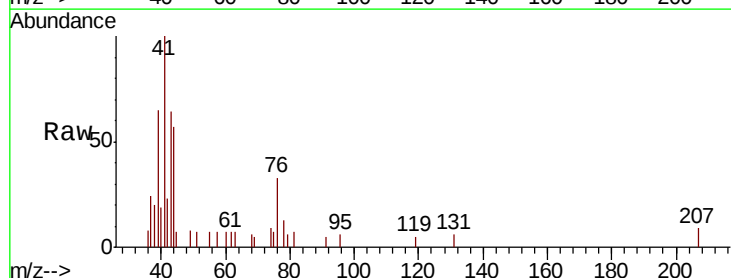
Acq: 31 Aug 2020 12:54

Tgt Ion: 43 Resp: 3191

Ion Ratio Lower Upper

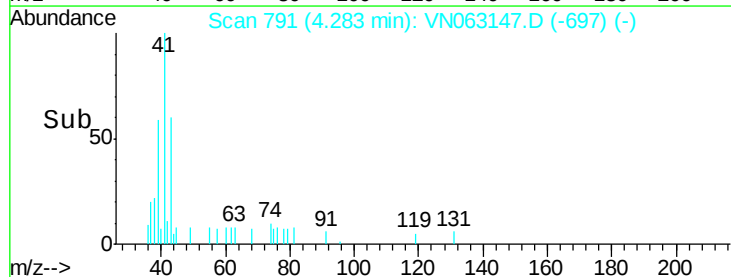
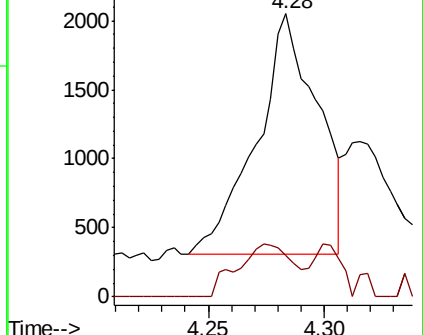
43 100

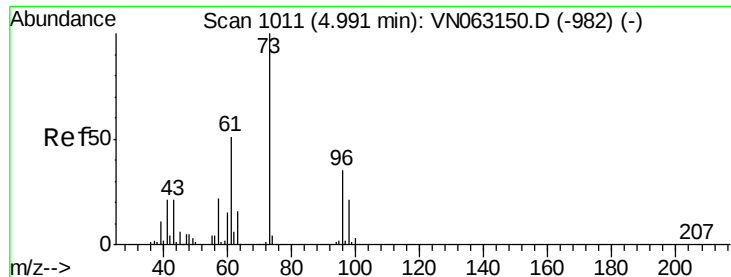
74 19.6 19.0 28.6



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

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





#19

Methyl tert-butyl Ether

Concen: 1.200 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

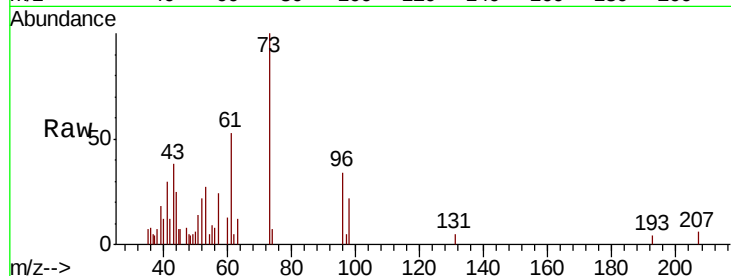
VSTDIC001

Tot Ion: 73 Resp: 15433

Ion Ratio Lower Upper

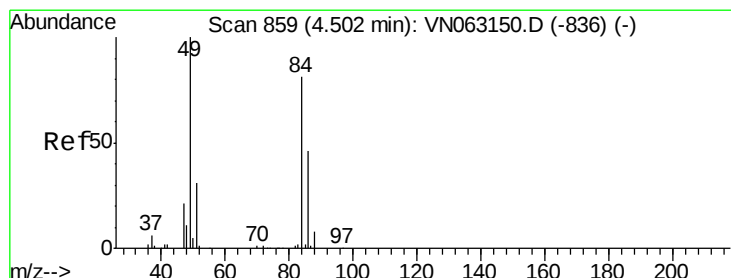
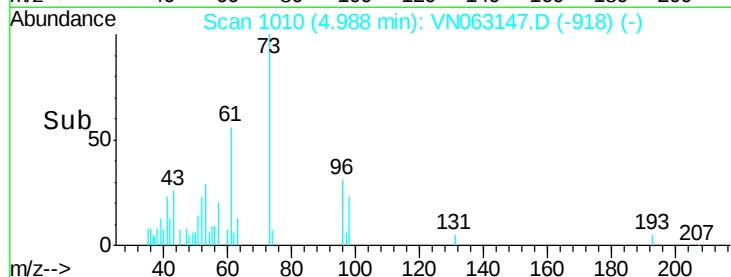
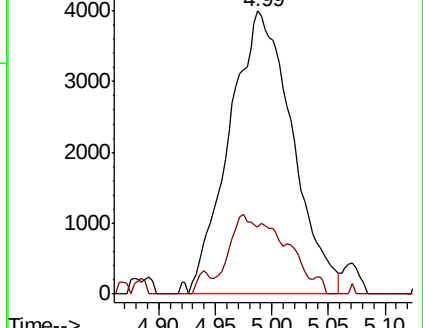
73 100

57 23.7 17.6 26.4



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

Ion 57.00 (56.70 to 57.70): VN063150.D (-982) (-)



#20

Methylene Chloride

Concen: 1.369 ug/l

RT: 4.50 min Scan# 858

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Tgt Ion: 84 Resp: 7603

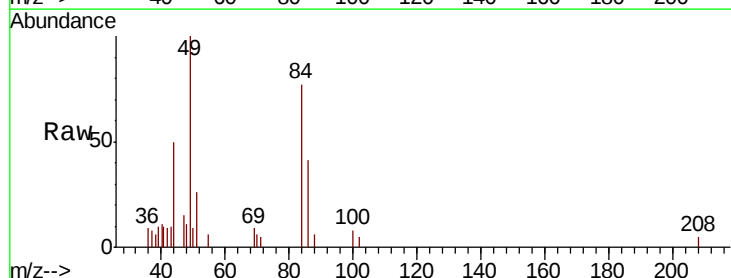
Ion Ratio Lower Upper

84 100

49 129.4 98.4 147.6

51 21.9 30.4 45.6#

86 53.7 45.7 68.5

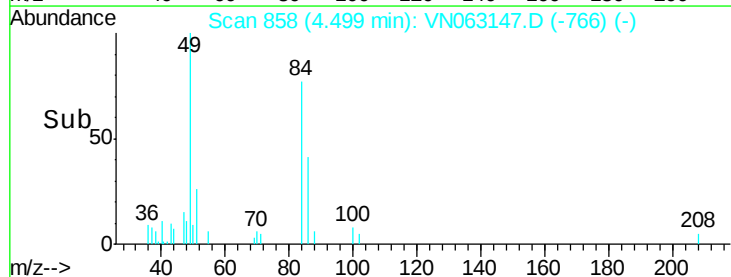
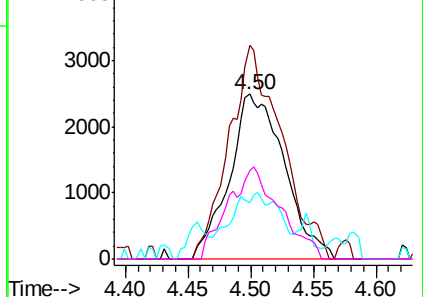


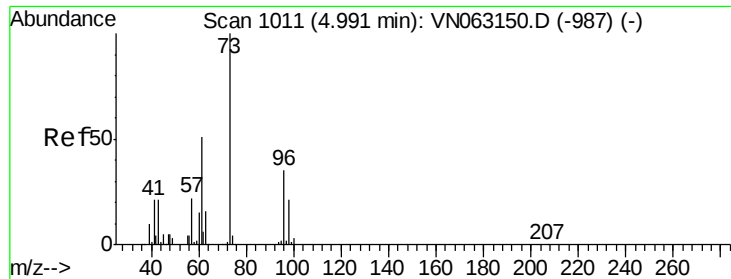
Abundance Ion 83.90 (83.60 to 84.60): VN063150.D (-836) (-)

Ion 48.90 (48.60 to 49.60): VN063150.D (-836) (-)

Ion 50.90 (50.60 to 51.60): VN063150.D (-836) (-)

Ion 85.90 (85.60 to 86.60): VN063150.D (-836) (-)





#21

trans-1,2-Dichloroethene

Concen: 0.777 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

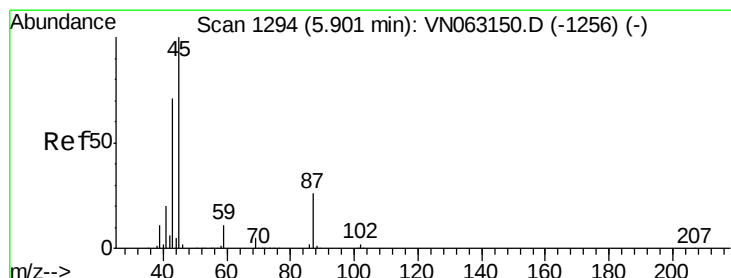
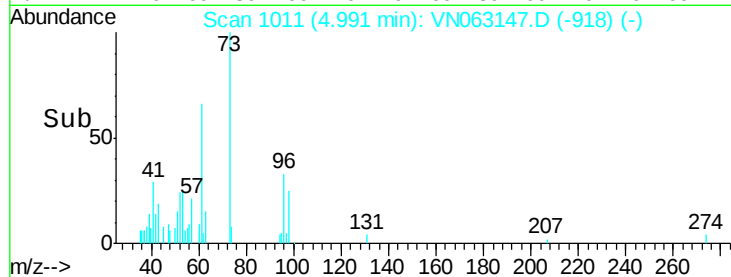
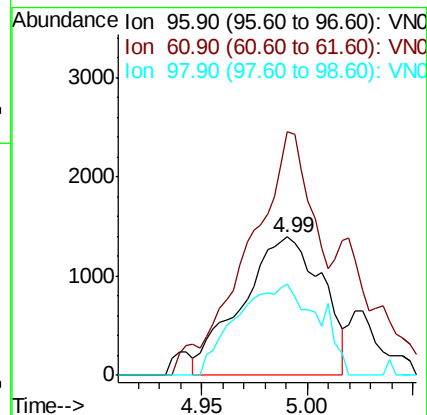
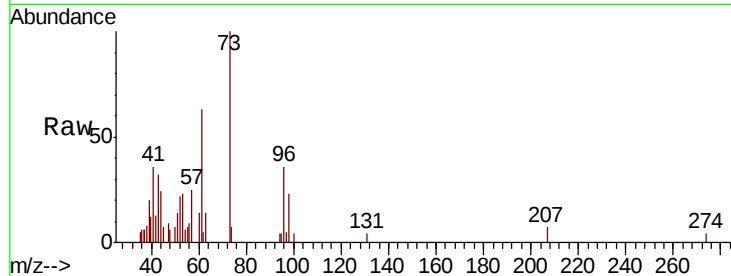
Tot Ion: 96 Resp: 3694

Ion Ratio Lower Upper

96 100

61 175.2 116.2 174.4#

98 74.6 48.0 72.0#



#22

Diisopropyl ether

Concen: 1.123 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Tgt Ion: 45 Resp: 16535

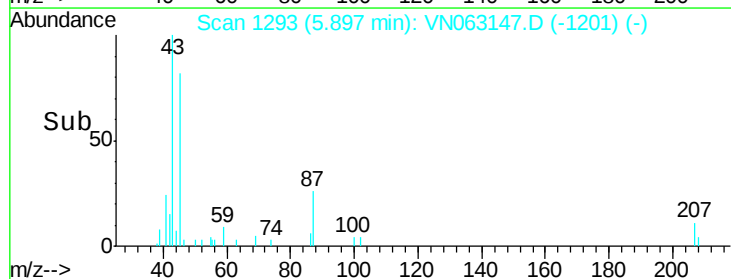
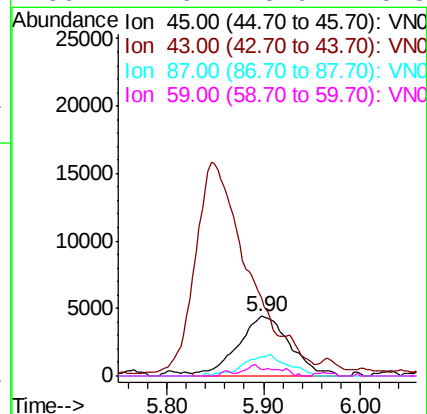
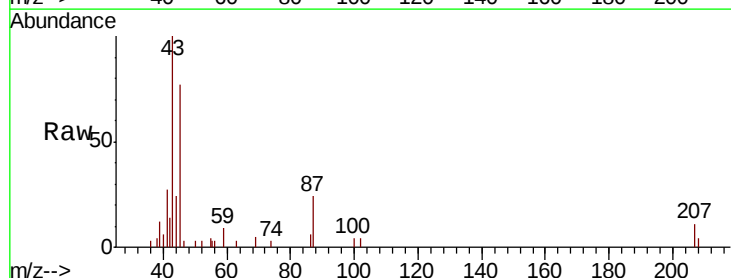
Ion Ratio Lower Upper

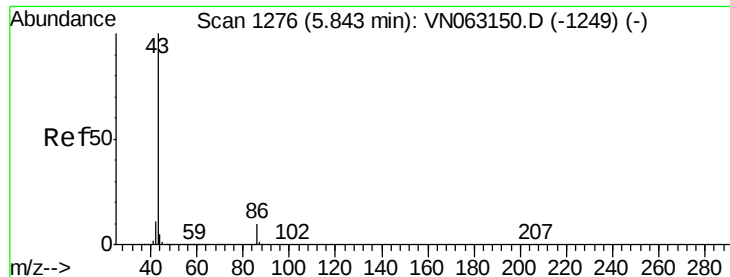
45 100

43 117.3 56.8 85.2#

87 31.6 21.1 31.7

59 11.6 8.9 13.3





#23

Vinyl Acetate

Concen: 5.603 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

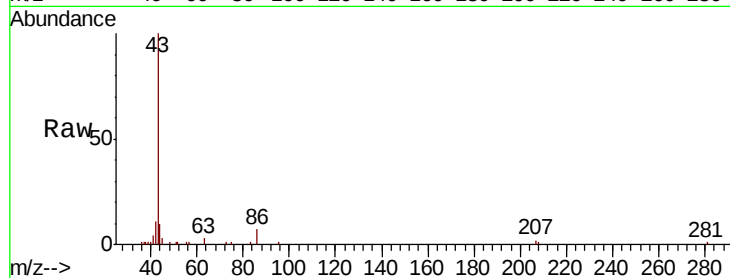
VSTDIC001

Tot Ion: 43 Resp: 60313

Ion Ratio Lower Upper

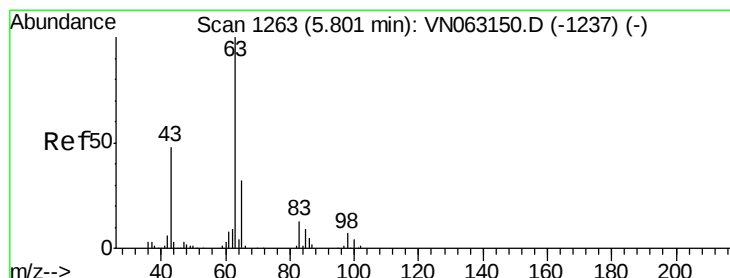
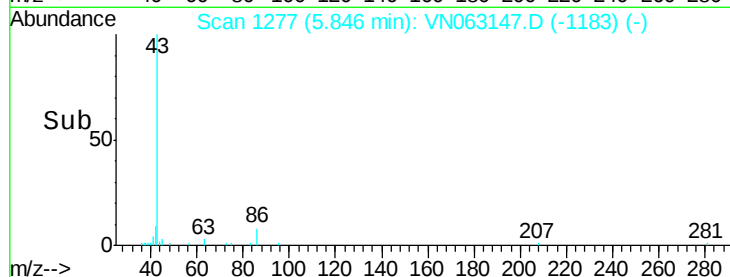
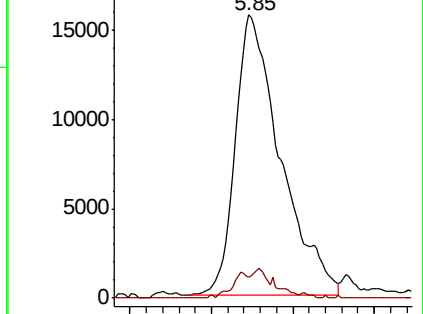
43 100

86 7.5 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN063147.D (-1183) (-)

Ion 86.00 (85.70 to 86.70): VN063147.D (-1183) (-)



#24

1,1-Dichloroethane

Concen: 0.977 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

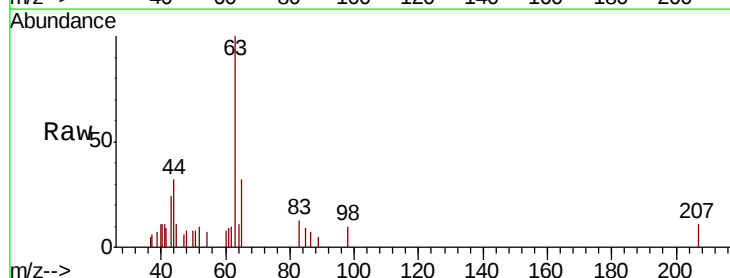
Tgt Ion: 63 Resp: 9079

Ion Ratio Lower Upper

63 100

98 10.3 3.4 10.1#

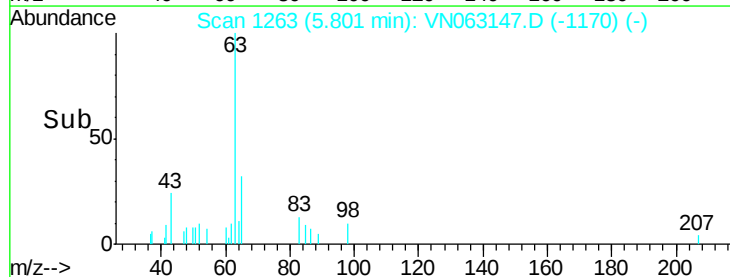
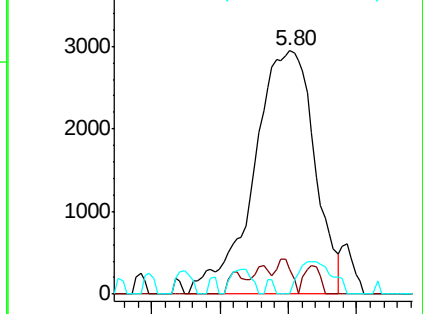
100 0.0 2.3 6.8#

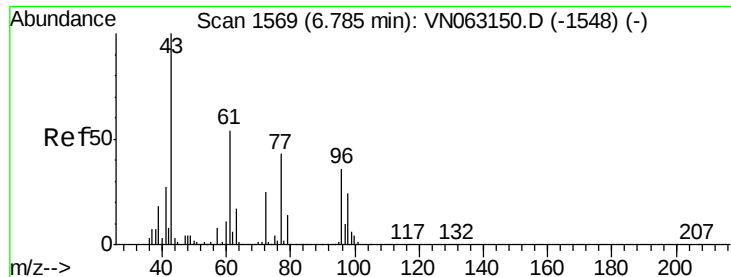


Abundance Ion 62.90 (62.60 to 63.60): VN063147.D (-1170) (-)

Ion 97.90 (97.60 to 98.60): VN063147.D (-1170) (-)

Ion 99.90 (99.60 to 100.60): VN063147.D (-1170) (-)





#25

2-Butanone

Concen: 5.147 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

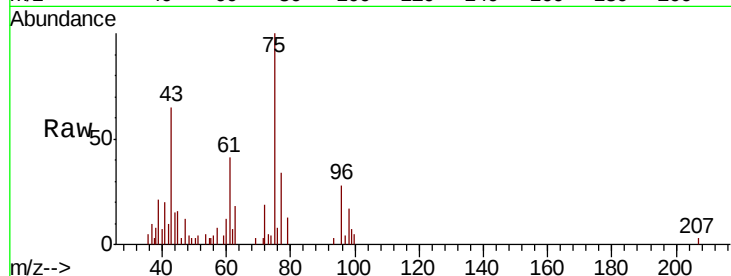
VSTDIC001

Tot Ion: 43 Resp: 11565

Ion Ratio Lower Upper

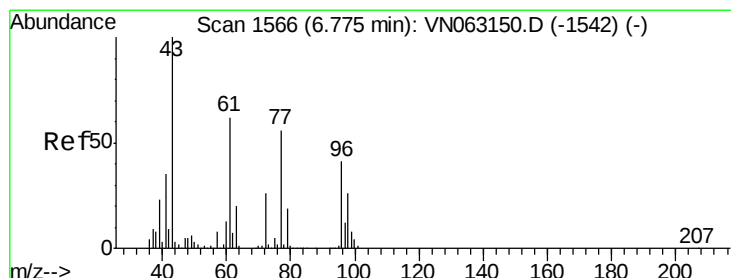
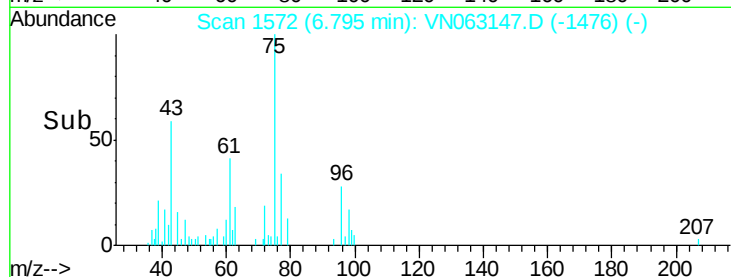
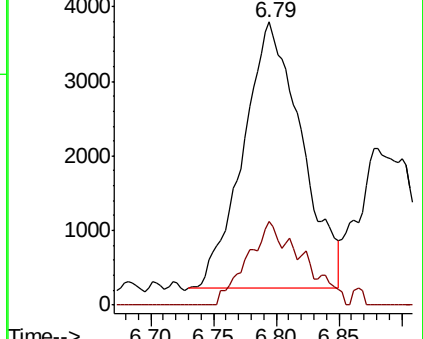
43 100

72 31.3 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 1.312 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063147.D

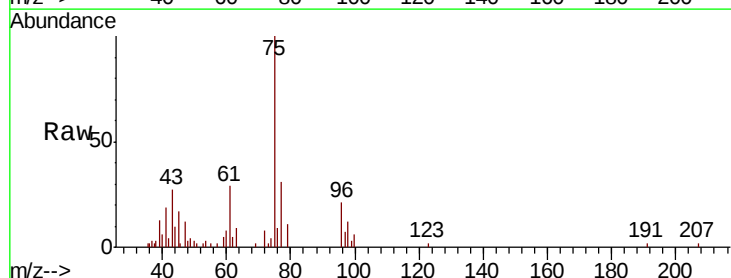
Acq: 31 Aug 2020 12:54

Tgt Ion: 77 Resp: 9695

Ion Ratio Lower Upper

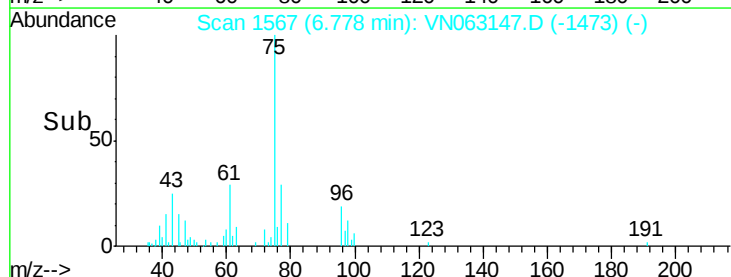
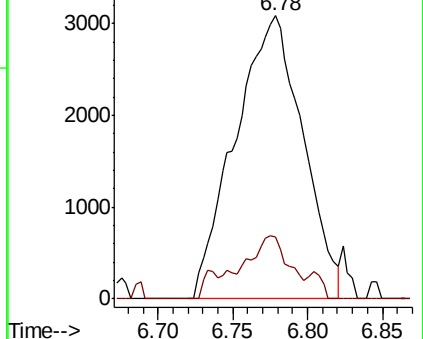
77 100

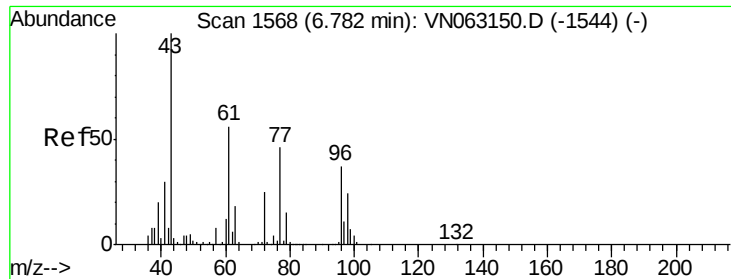
97 12.6 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 0.478 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

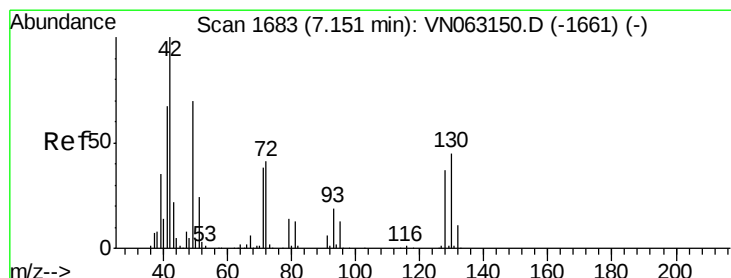
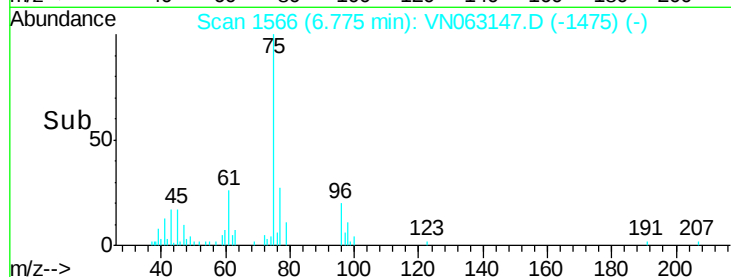
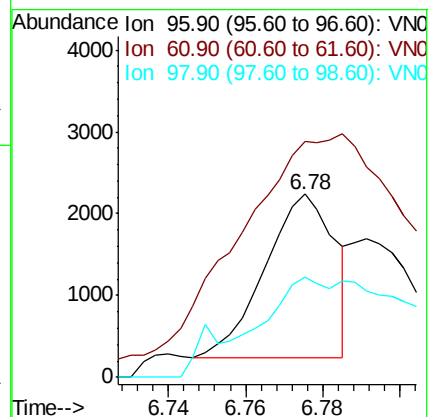
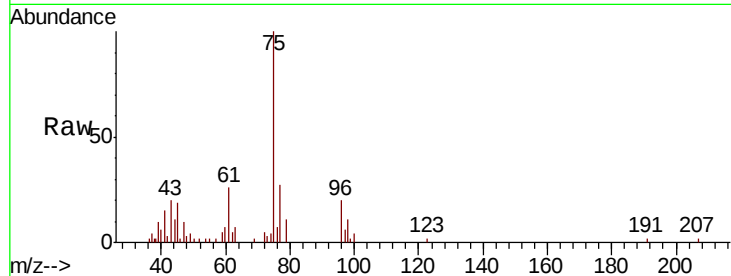
Tot Ion: 96 Resp: 2516

Ion Ratio Lower Upper

96 100

61 365.9 0.0 303.2#

98 29.2 0.0 129.0



#28

Bromochloromethane

Concen: 1.165 ug/l

RT: 7.15 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

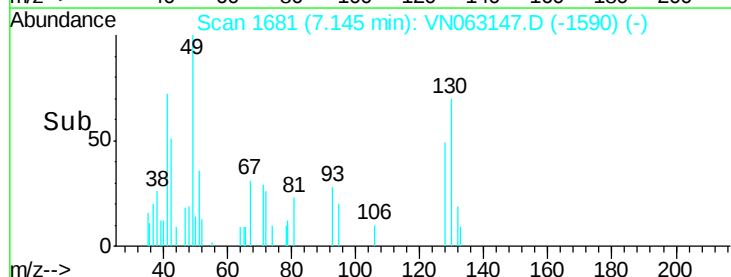
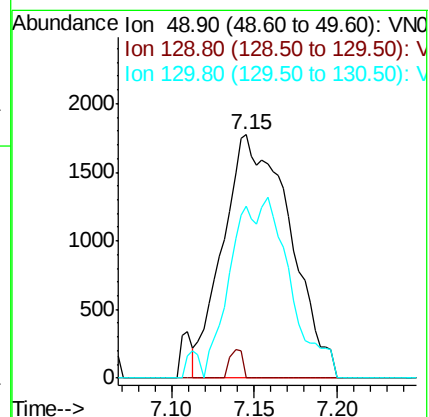
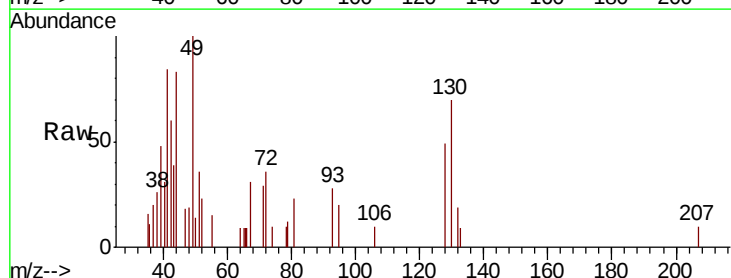
Tgt Ion: 49 Resp: 4991

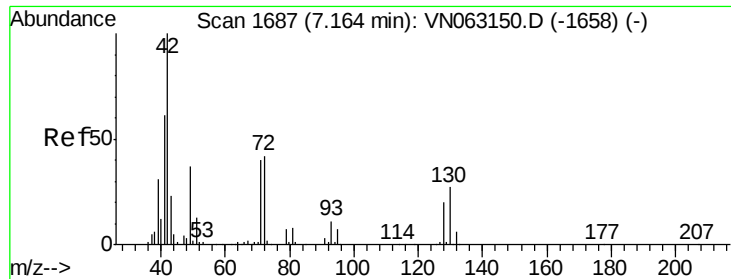
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 30.5 54.4 81.6#

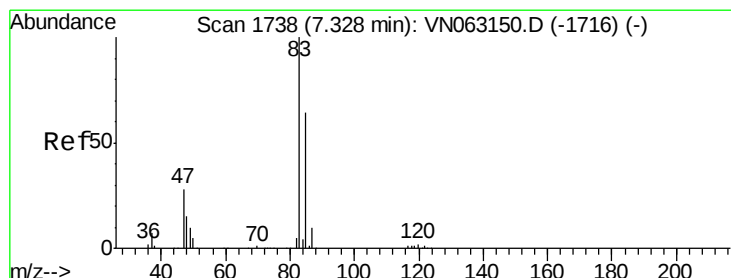
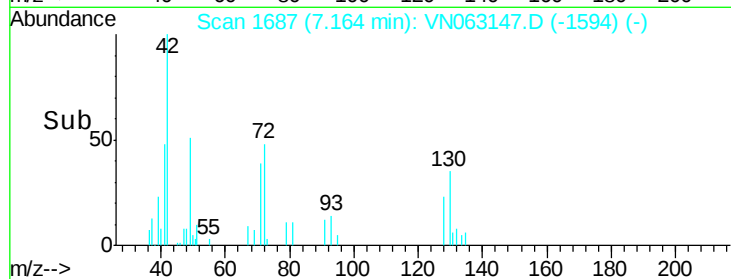
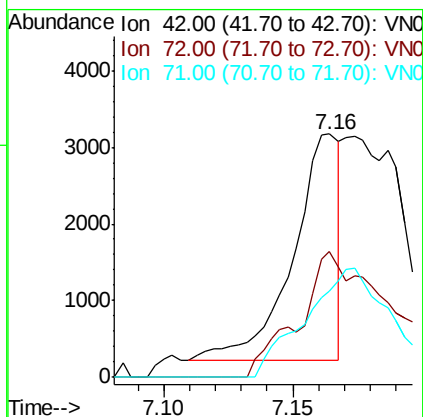
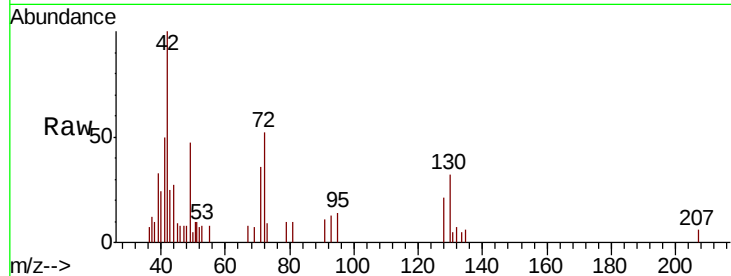




#29
Tetrahydrofuran
Concen: 2.596 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

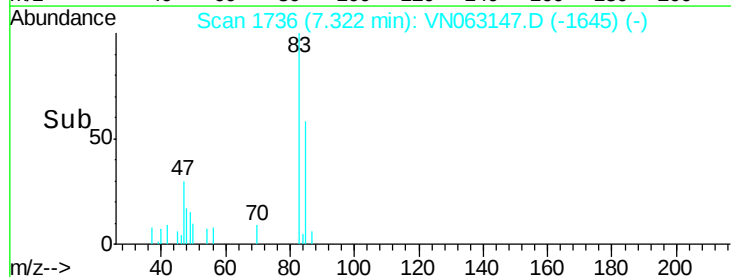
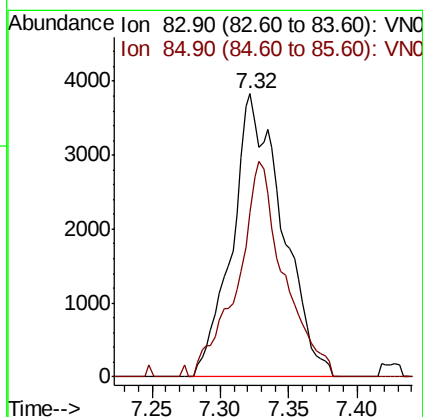
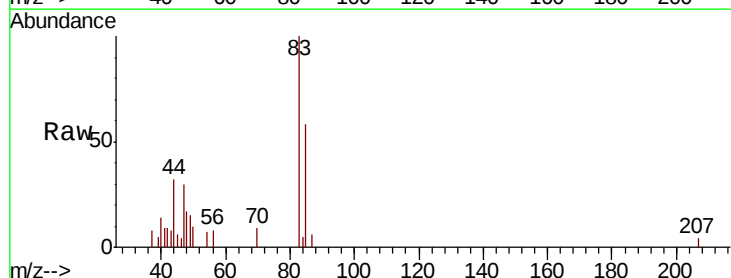
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

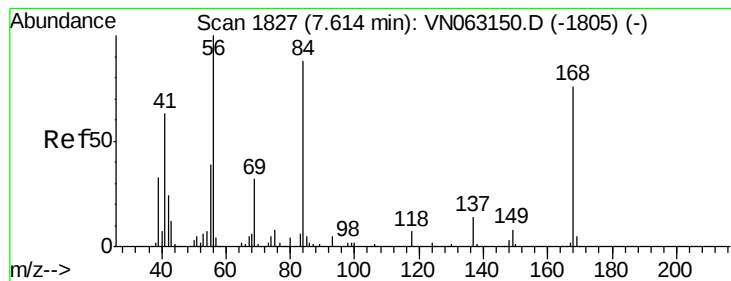
Tot Ion: 42 Resp: 3712
Ion Ratio Lower Upper
42 100
72 117.7 33.9 50.9#
71 88.6 31.9 47.9#



#30
Chloroform
Concen: 1.025 ug/l
RT: 7.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion: 83 Resp: 9798
Ion Ratio Lower Upper
83 100
85 58.1 51.0 76.6





#31

Cyclohexane

Concen: 2.208 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

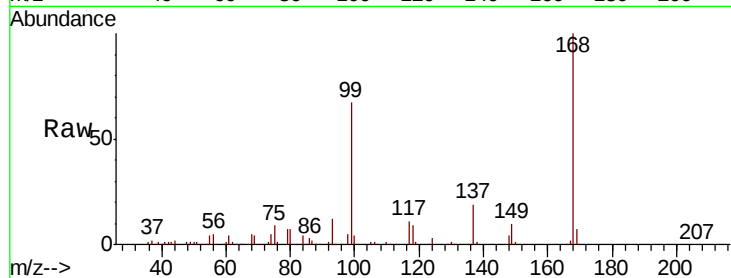
Tot Ion: 56 Resp: 19186

Ion Ratio Lower Upper

56 100

69 94.9 25.4 38.0#

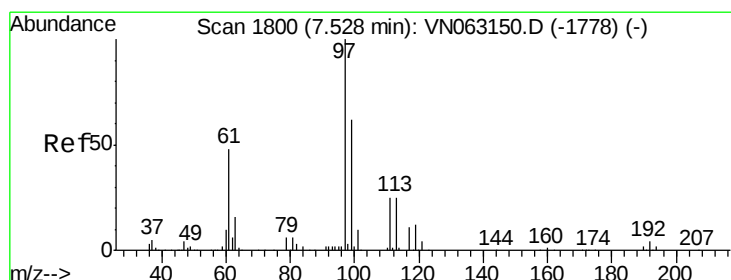
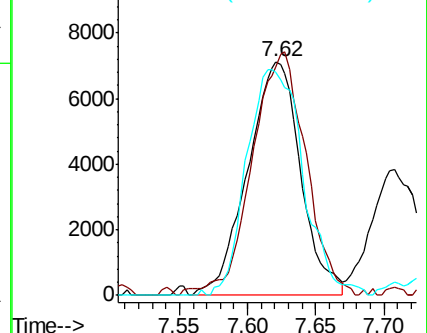
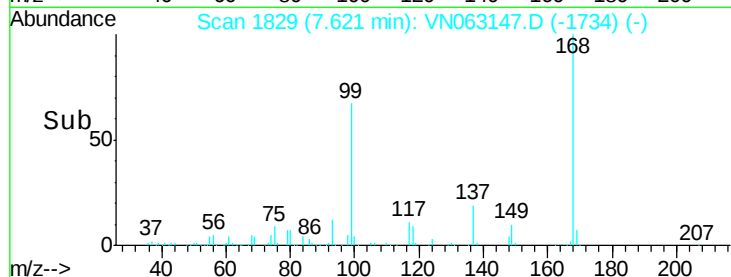
84 95.4 70.2 105.4



Abundance Ion 56.00 (55.70 to 56.70): VN063147.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063147.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063147.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 0.899 ug/l

RT: 7.53 min Scan# 1802

Delta R.T. 0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

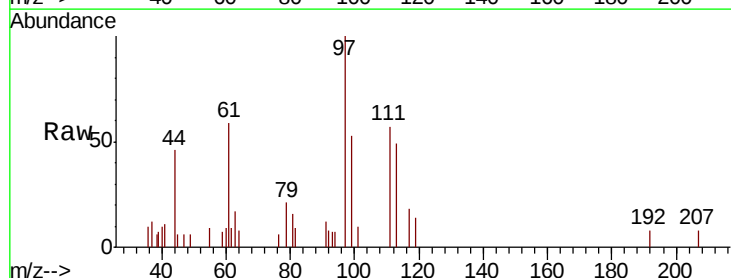
Tgt Ion: 97 Resp: 7471

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

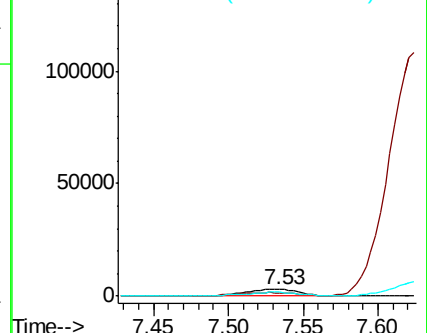
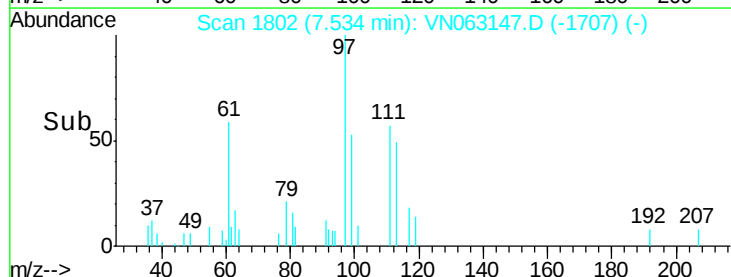
61 56.4 37.4 56.2#

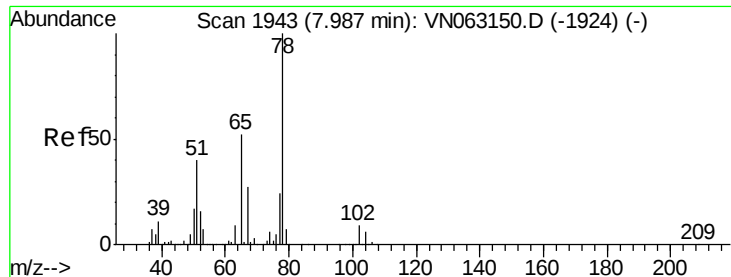


Abundance Ion 96.90 (96.60 to 97.60): VN063147.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063147.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063147.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 1.361 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

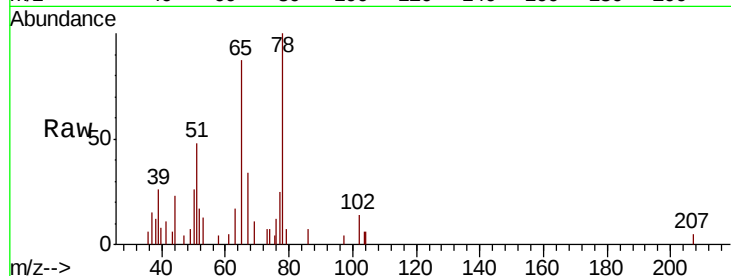
VSTDIC001

Tot Ion: 65 Resp: 7925

Ion Ratio Lower Upper

65 100

67 46.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063150.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063150.D (-1924) (-)

7.98

4000

3000

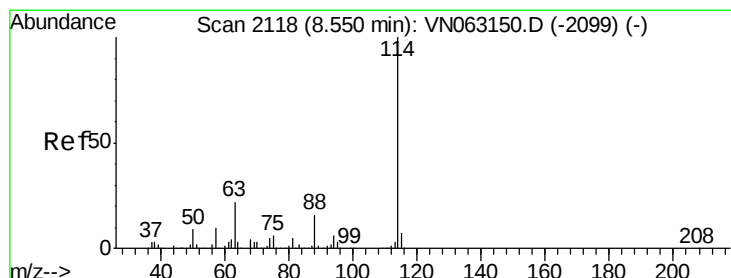
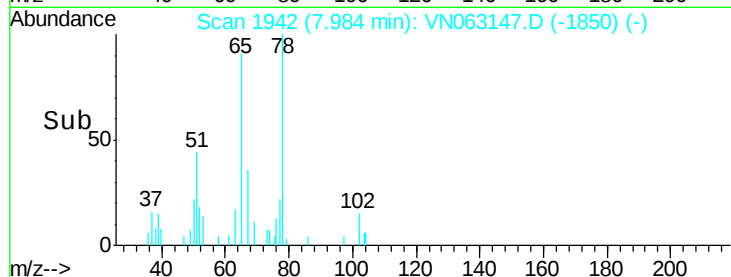
2000

1000

0

7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

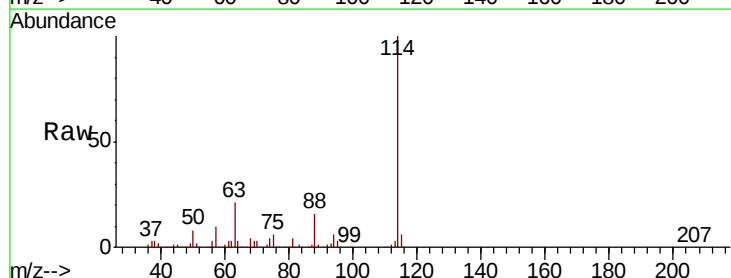
Tgt Ion: 114 Resp: 748124

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

88 15.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063150.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN063150.D (-2099) (-)

Ion 87.90 (87.60 to 88.60): VN063150.D (-2099) (-)

8.55

500000

400000

300000

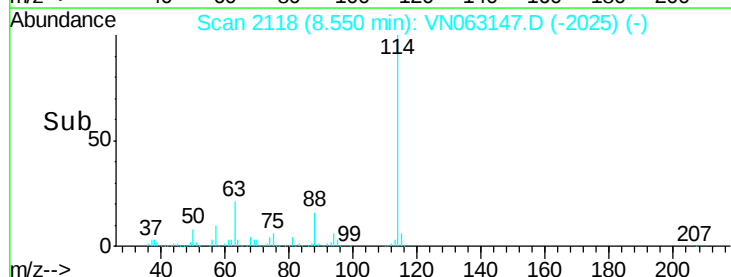
200000

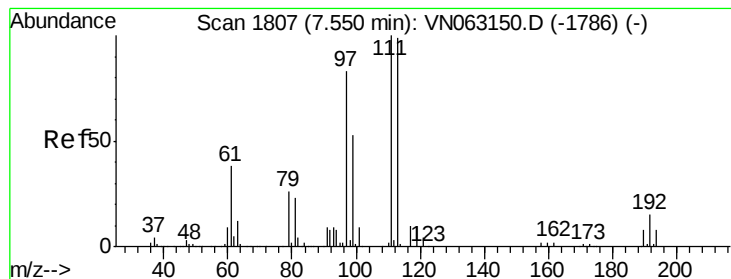
100000

0

8.50 8.60 8.70

Time-->





#35

Dibromofluoromethane

Concen: 0.447 ug/l

RT: 7.54 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

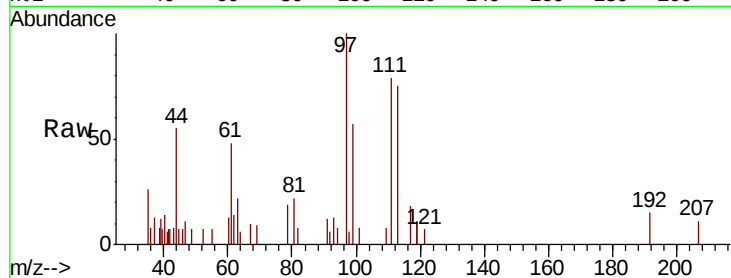
Tot Ion:113 Resp: 2705

Ion Ratio Lower Upper

113 100

111 209.2 80.7 121.1#

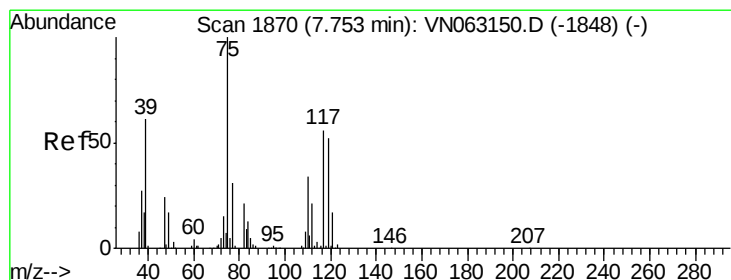
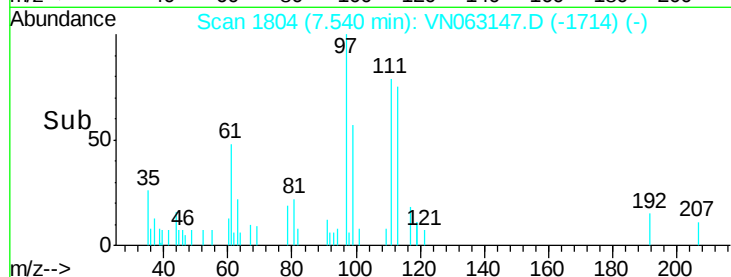
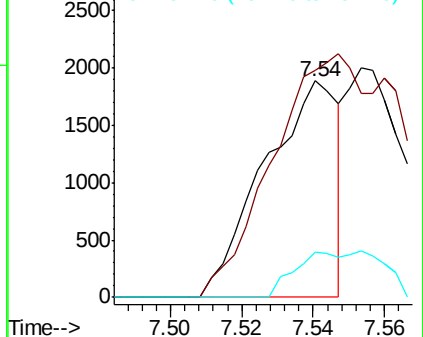
192 12.9 12.6 19.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.807 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

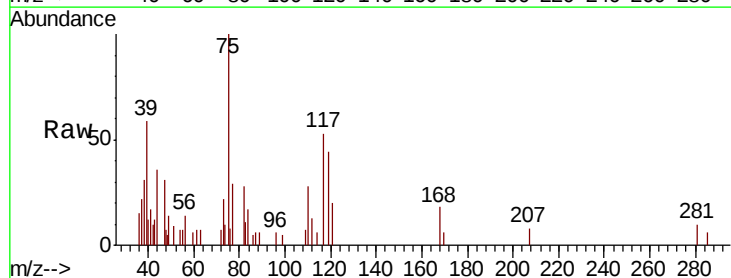
Tgt Ion: 75 Resp: 6601

Ion Ratio Lower Upper

75 100

110 29.7 16.6 49.8

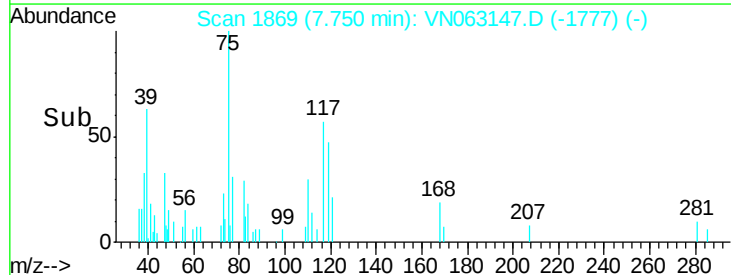
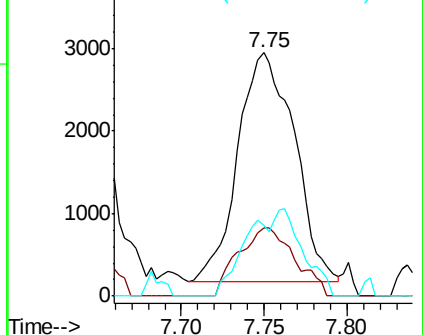
77 17.3 25.4 38.2#

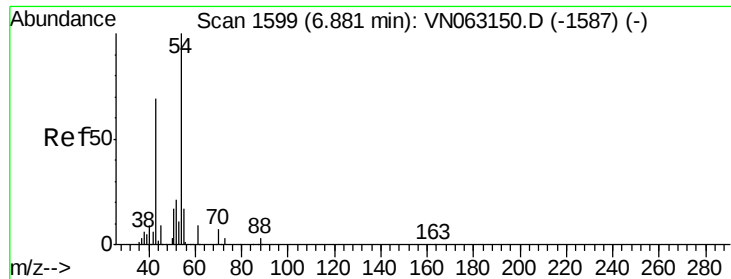


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

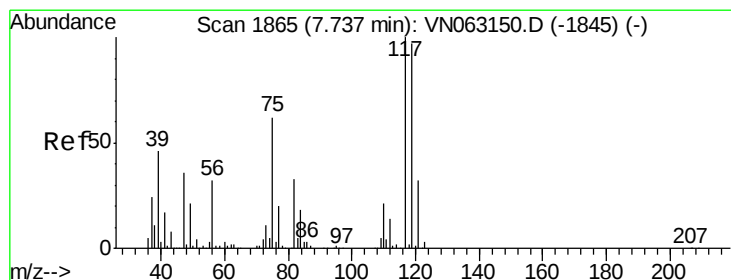
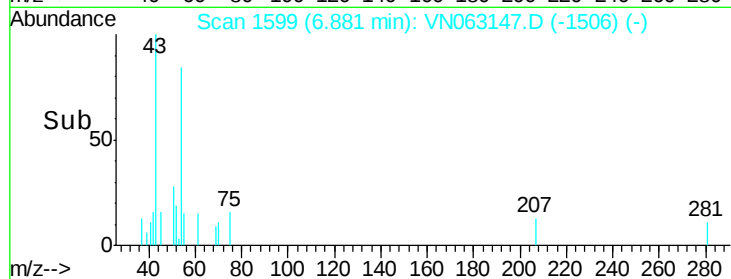
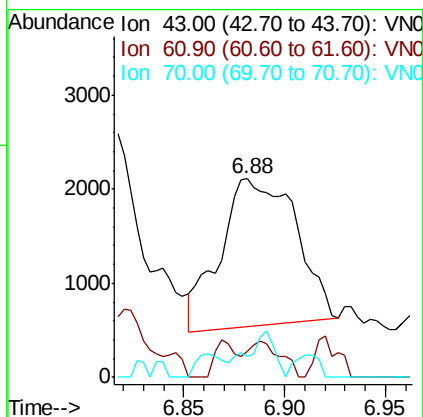
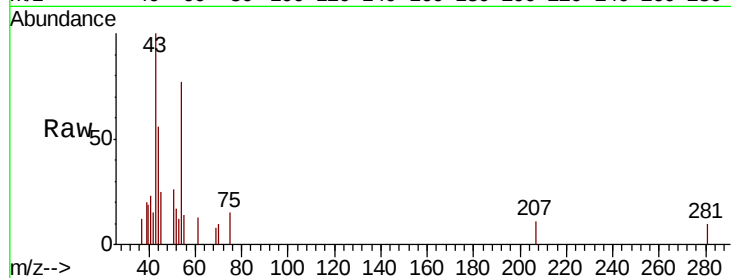




#37
Ethyl Acetate
Concen: 0.689 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

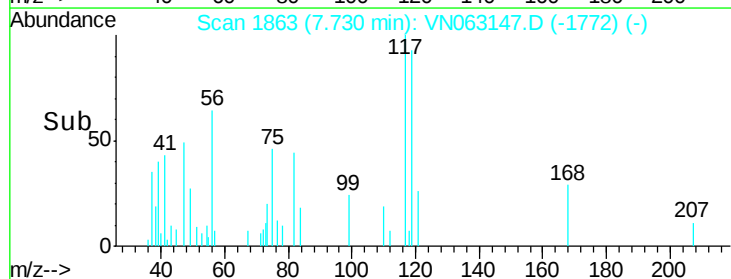
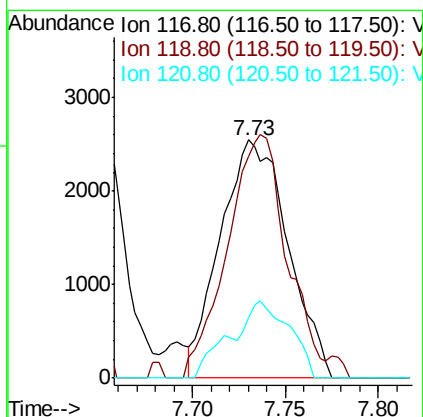
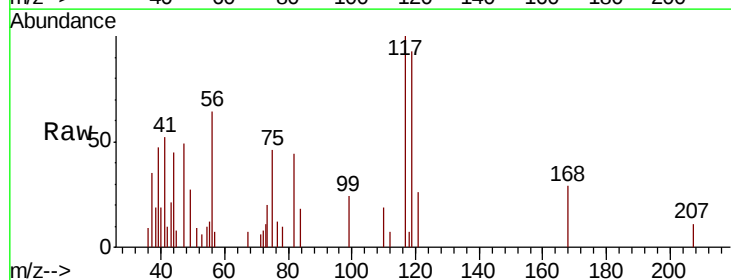
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

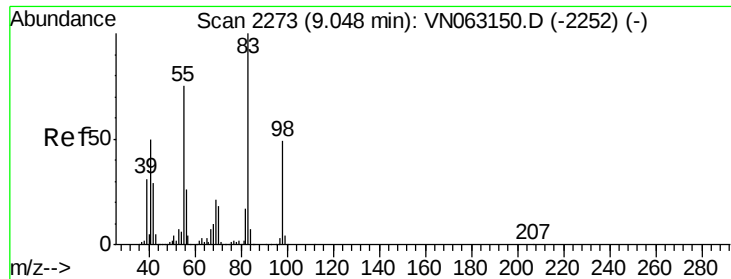
Tot Ion: 43 Resp: 4096
Ion Ratio Lower Upper
43 100
61 10.5 10.2 15.4
70 11.1 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 0.734 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion: 117 Resp: 6435
Ion Ratio Lower Upper
117 100
119 84.7 77.2 115.8
121 25.7 25.6 38.4

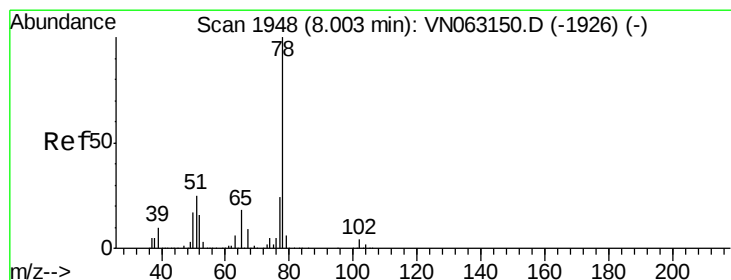
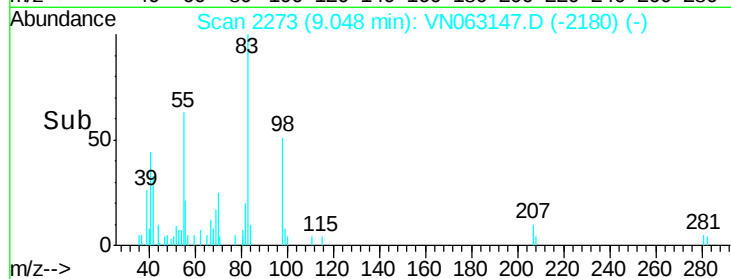
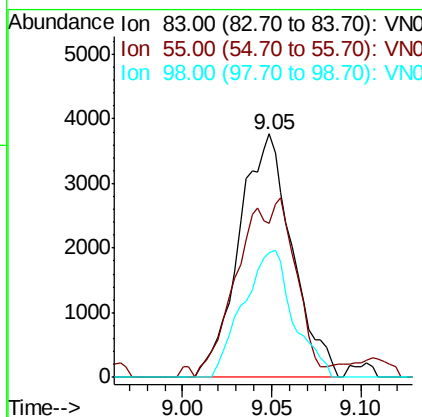
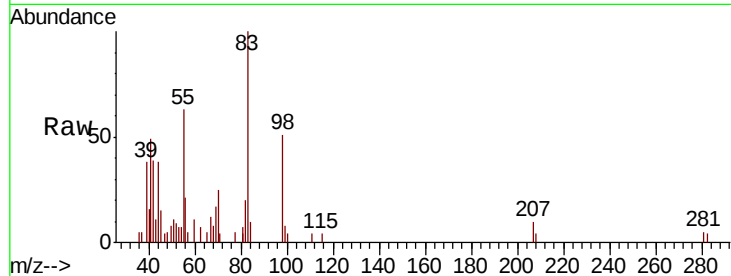




#39
Methvlcvclohexane
Concen: 0.913 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

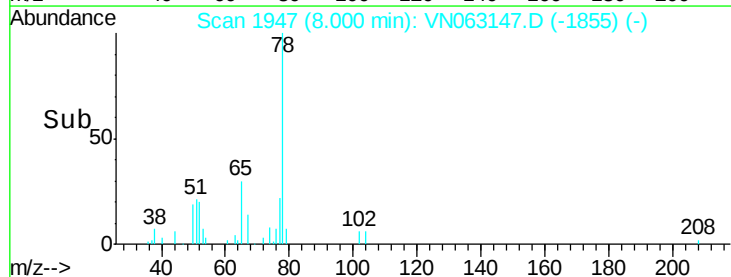
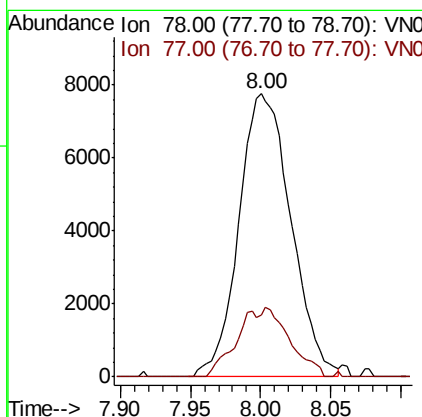
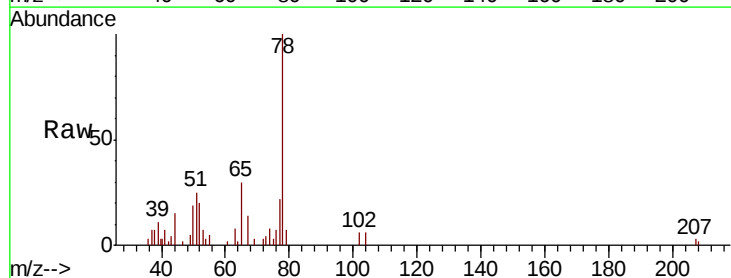
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

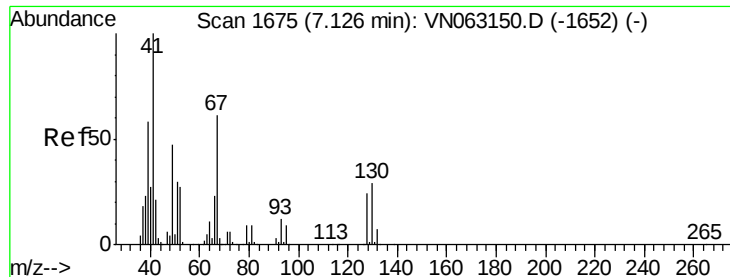
Tot Ion: 83 Resp: 7812
Ion Ratio Lower Upper
83 100
55 59.0 60.3 90.5#
98 51.4 38.9 58.3



#40
Benzene
Concen: 0.803 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion: 78 Resp: 20016
Ion Ratio Lower Upper
78 100
77 22.0 19.3 28.9

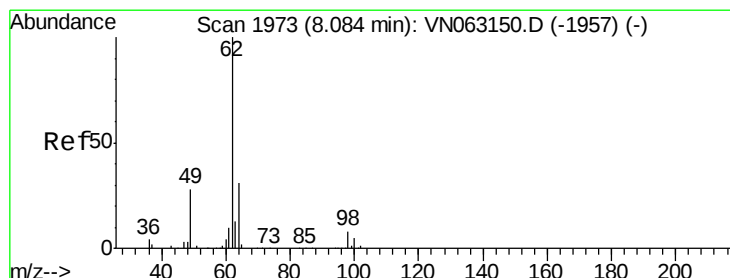
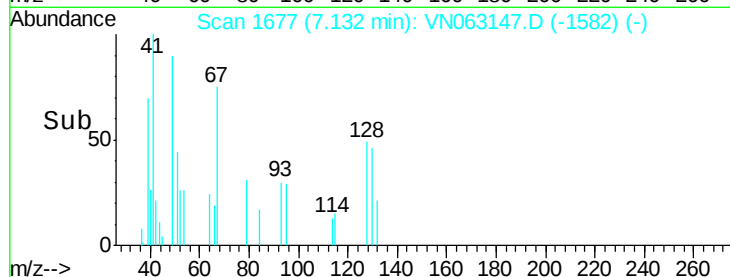
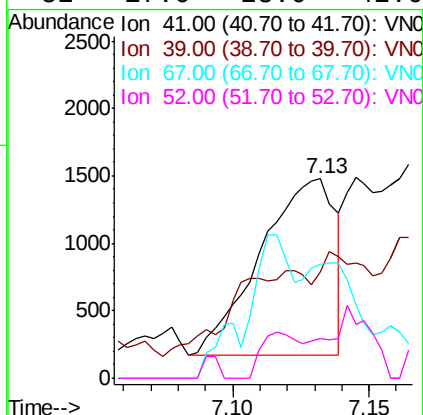
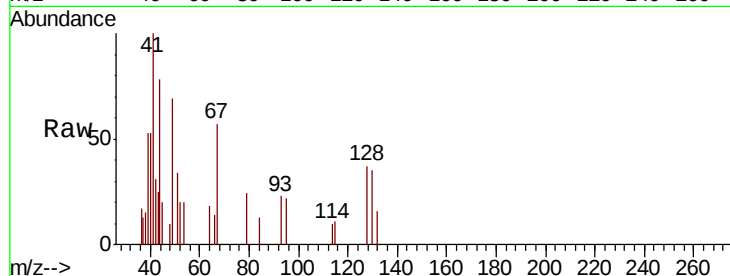




#41
Methacrylonitrile
Concen: 0.847 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

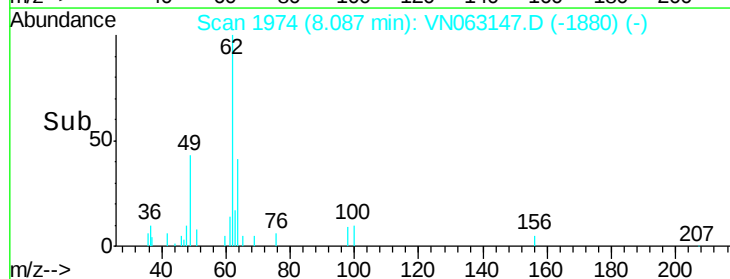
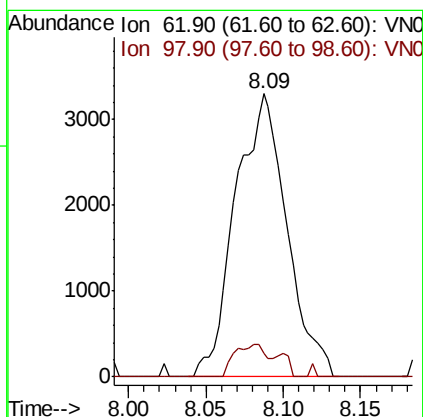
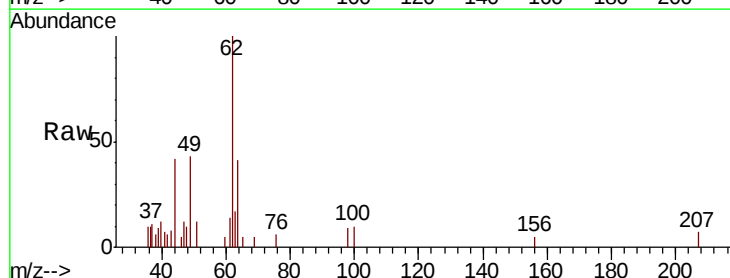
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

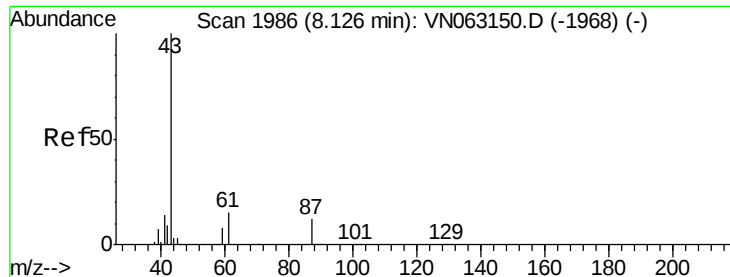
Tot Ion:	41	Resp:	2503
Ion	Ratio	Lower	Upper
41	100		
39	31.0	46.6	70.0#
67	0.0	62.6	94.0#
52	17.0	28.0	42.0#



#42
1,2-Dichloroethane
Concen: 0.903 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion:	62	Resp:	7618
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 0.985 ug/l

RT: 8.12 min Scan# 1984

Delta R.T. -0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

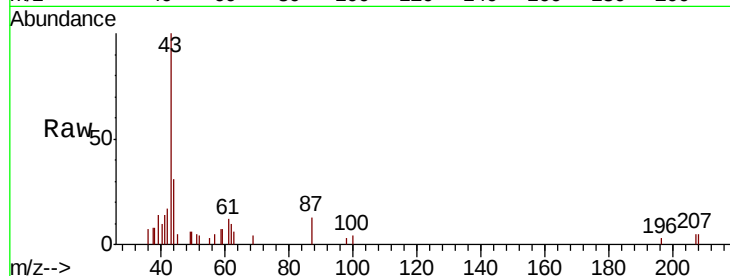
Tot Ion: 43 Resp: 10241

Ion Ratio Lower Upper

43 100

61 11.4 20.2 30.4#

87 13.6 9.8 14.6

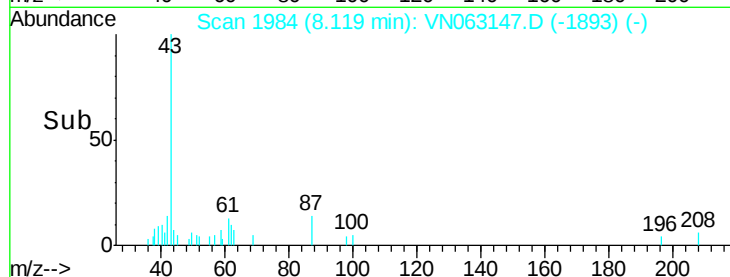


Abundance Ion 43.00 (42.70 to 43.70): VN063147.D (-1984) (-)

Ion 61.00 (60.70 to 61.70): VN063147.D (-1984) (-)

Ion 87.00 (86.70 to 87.70): VN063147.D (-1984) (-)

Time-->

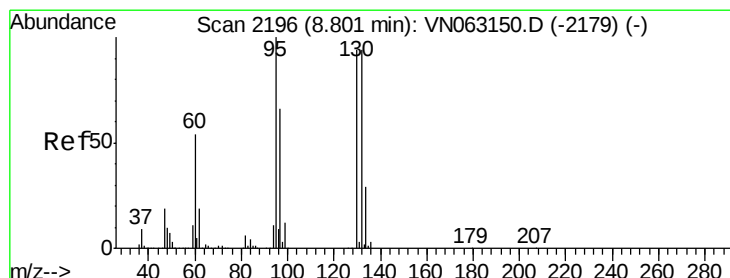


Abundance Ion 43.00 (42.70 to 43.70): VN063147.D (-1984) (-)

Ion 61.00 (60.70 to 61.70): VN063147.D (-1984) (-)

Ion 87.00 (86.70 to 87.70): VN063147.D (-1984) (-)

Time-->



#44

Trichloroethene

Concen: 0.716 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063147.D

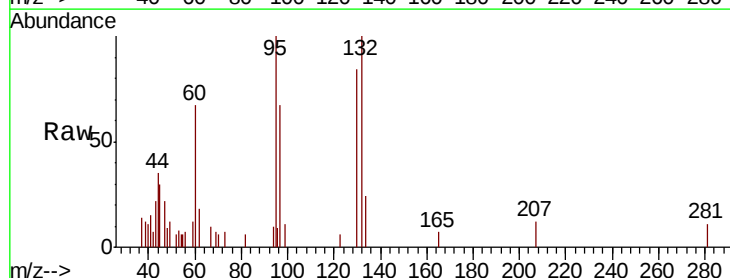
Acq: 31 Aug 2020 12:54

Tgt Ion: 130 Resp: 4638

Ion Ratio Lower Upper

130 100

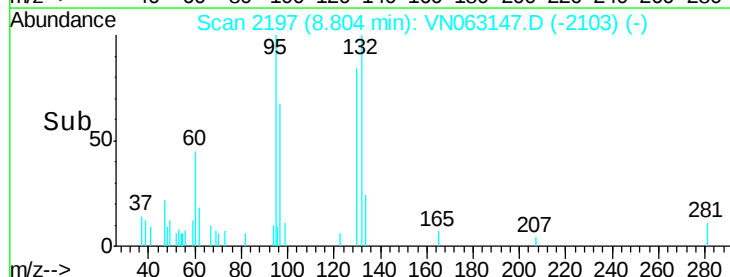
95 118.9 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): VN063147.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN063147.D (-2196) (-)

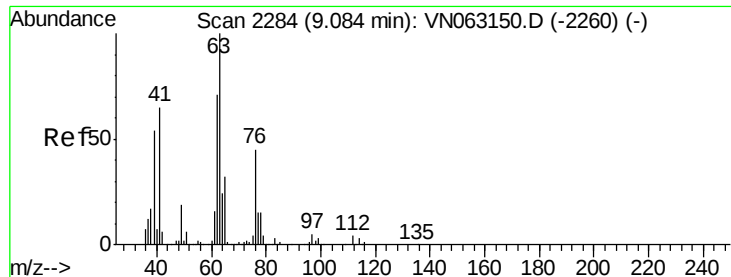
Time-->



Abundance Ion 129.80 (129.50 to 130.50): VN063147.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN063147.D (-2196) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 0.772 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

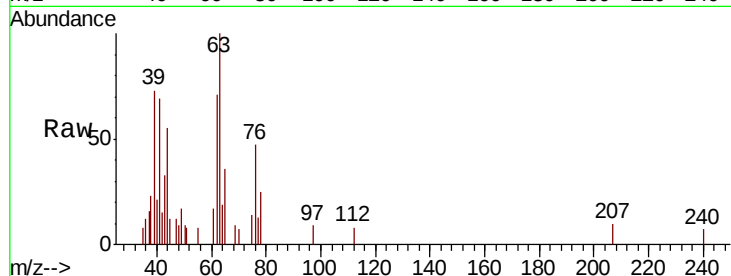
VSTDIC001

Tot Ion: 63 Resp: 5182

Ion Ratio Lower Upper

63 100

65 35.7 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.09

2500

2000

1500

1000

500

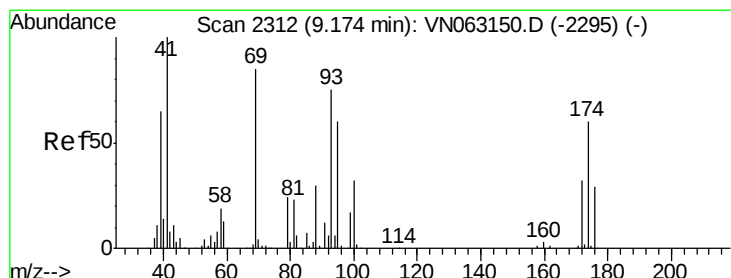
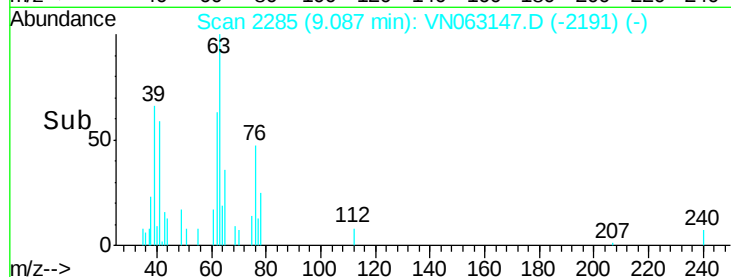
0

Time--> 9.00

9.05

9.10

9.15



#46

Dibromomethane

Concen: 0.831 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

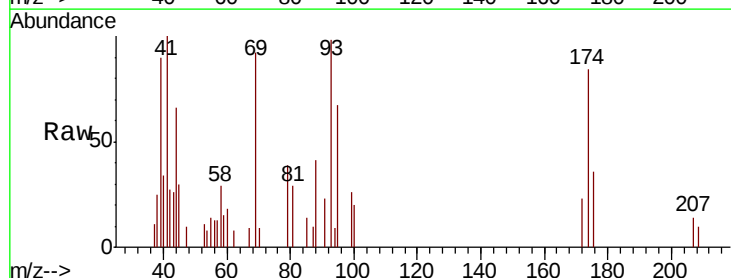
Tgt Ion: 93 Resp: 3502

Ion Ratio Lower Upper

93 100

95 73.5 65.2 97.8

174 85.8 64.6 97.0



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

2500

2000

1500

1000

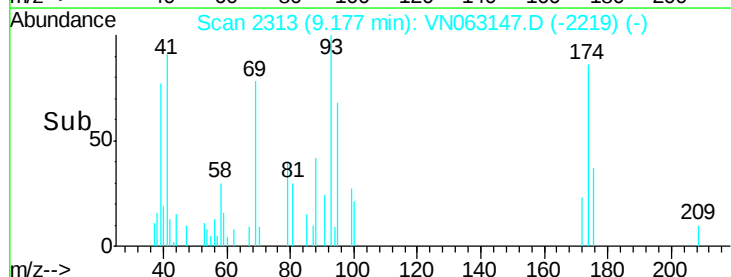
500

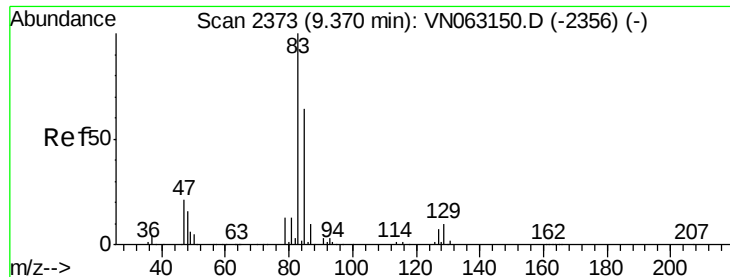
0

Time--> 9.10

9.15

9.20





#47

Bromodichloromethane

Concen: 0.853 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

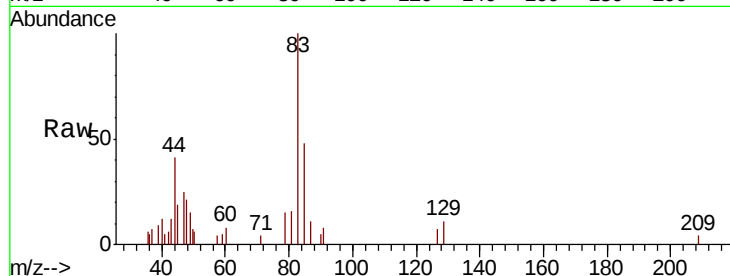
Tot Ion: 83 Resp: 7465

Ion Ratio Lower Upper

83 100

85 48.5 51.0 76.6#

127 7.1 5.7 8.5

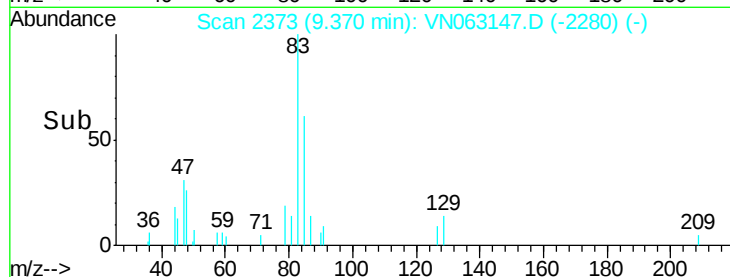


Abundance Ion 82.90 (82.60 to 83.60): VN063147.D (-2280) (-)

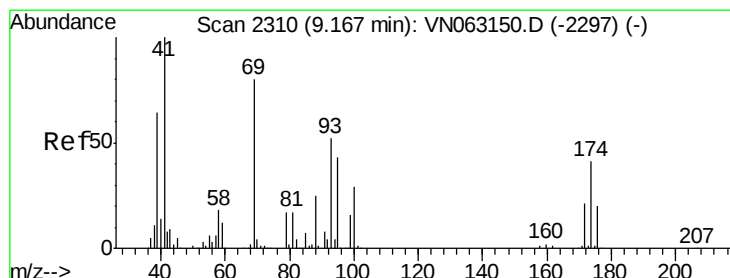
Ion 84.90 (84.60 to 85.60): VN063147.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063147.D (-2280) (-)

Time-->



Time-->



#48

Methyl methacrylate

Concen: 0.794 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

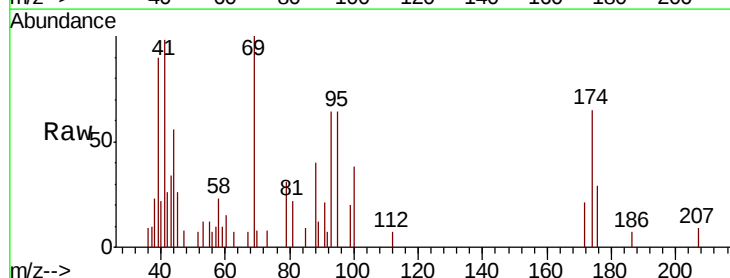
Tgt Ion: 41 Resp: 4077

Ion Ratio Lower Upper

41 100

69 103.8 65.9 98.9#

39 90.4 52.0 78.0#

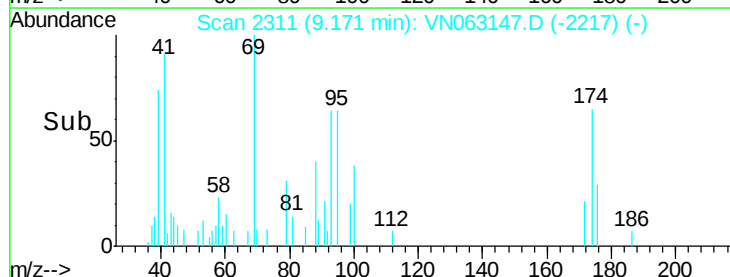


Abundance Ion 41.00 (40.70 to 41.70): VN063147.D (-2217) (-)

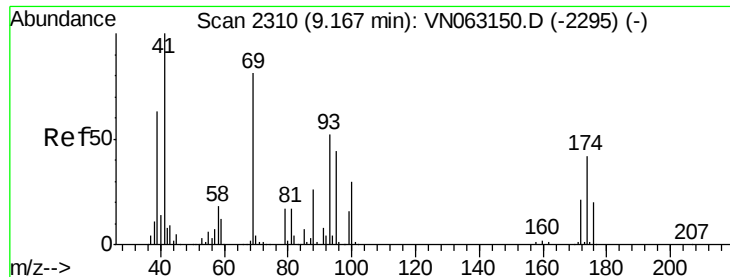
Ion 69.00 (68.70 to 69.70): VN063147.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063147.D (-2217) (-)

Time-->



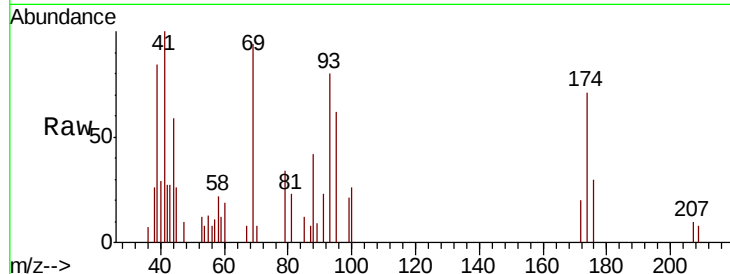
Time-->



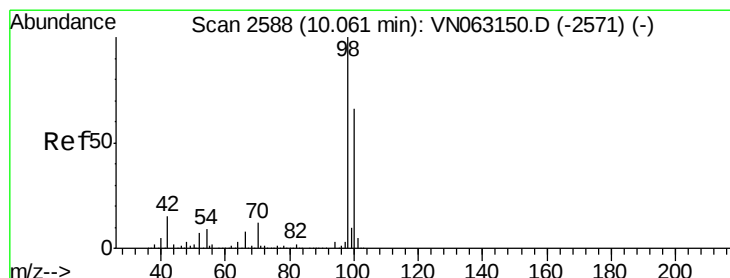
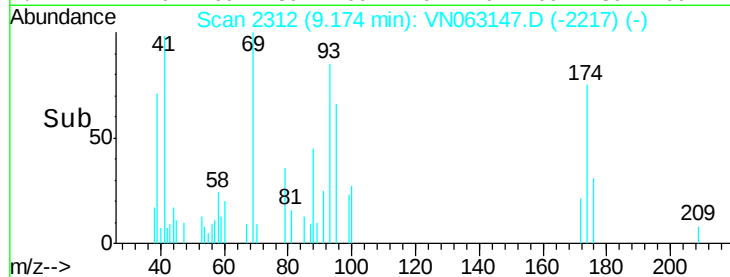
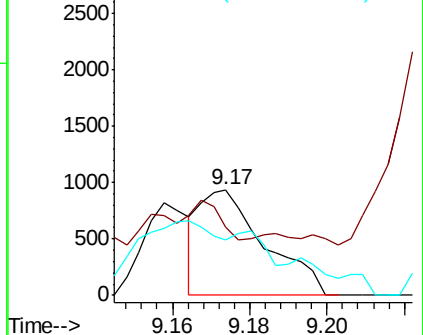
#49
1,4-Dioxane
Concen: 15.030 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 88 Resp: 1096
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 0.0 53.2 79.8#

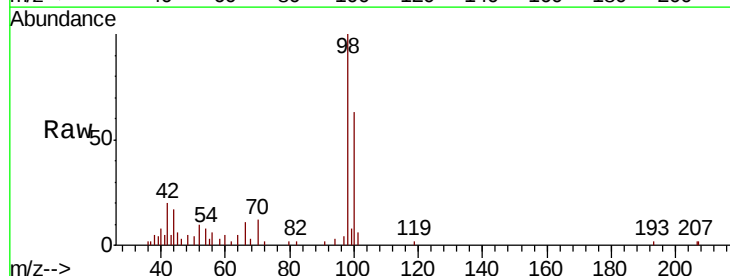


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

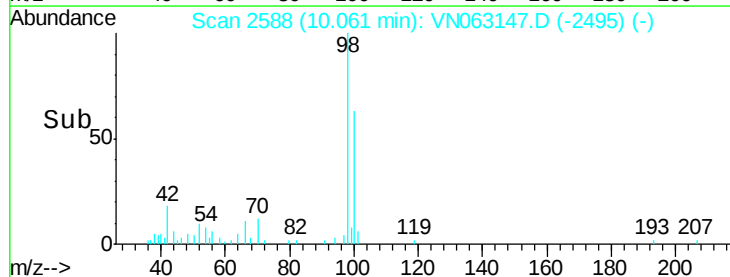
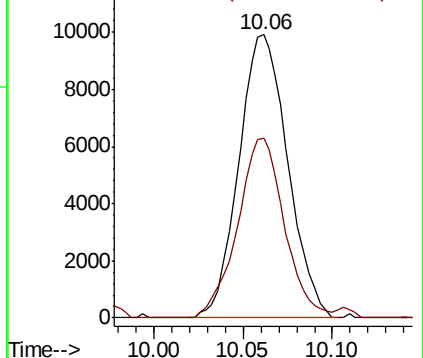


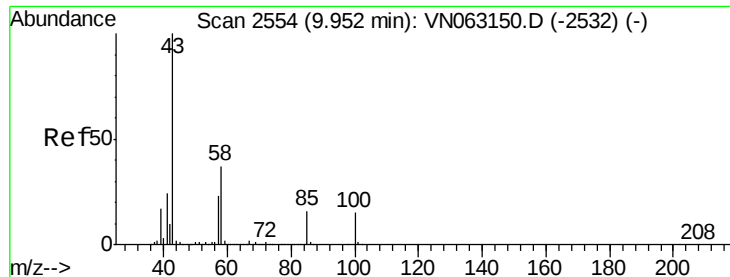
#50
Toluene-d8
Concen: 0.860 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion: 98 Resp: 18983
Ion Ratio Lower Upper
98 100
100 60.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 4.901 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

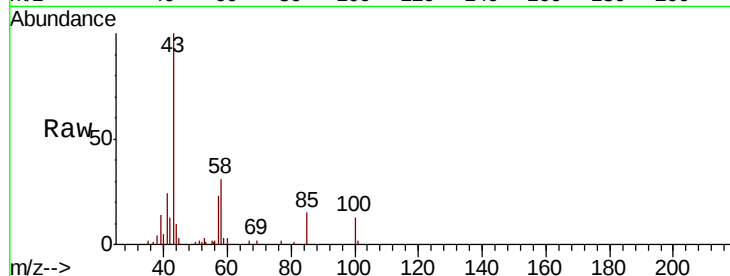
VSTDIC001

Tot Ion: 43 Resp: 28375

Ion Ratio Lower Upper

43 100

58 36.4 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) (-)

9.95

15000

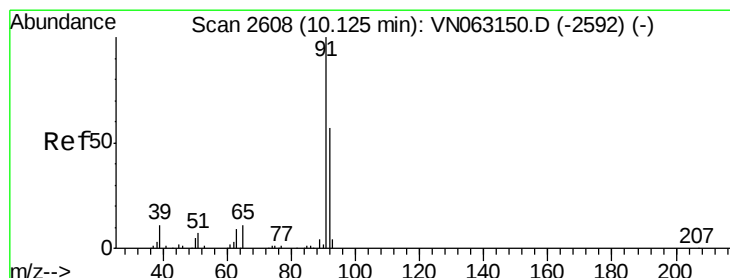
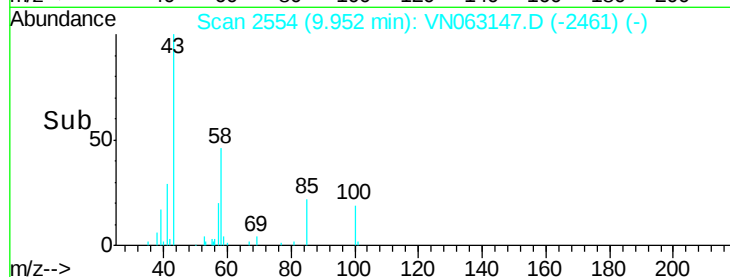
10000

5000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 0.807 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063147.D

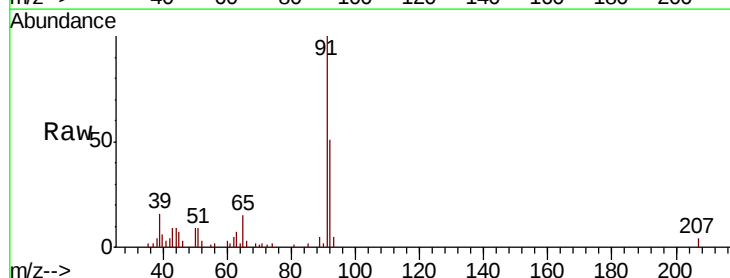
Acq: 31 Aug 2020 12:54

Tgt Ion: 92 Resp: 11972

Ion Ratio Lower Upper

92 100

91 179.9 141.2 211.8



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

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

10.12

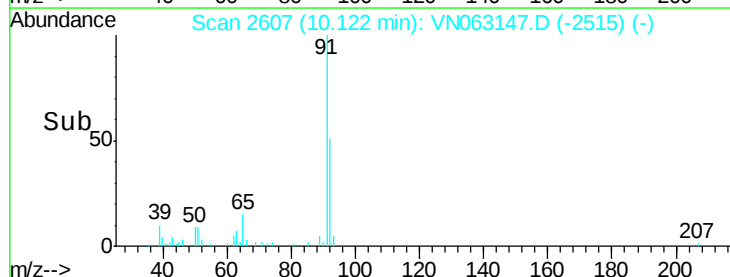
10000

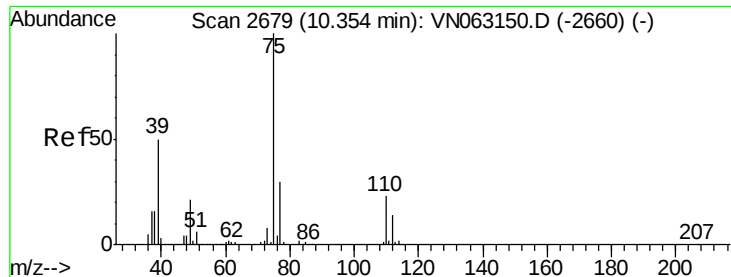
5000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 0.868 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

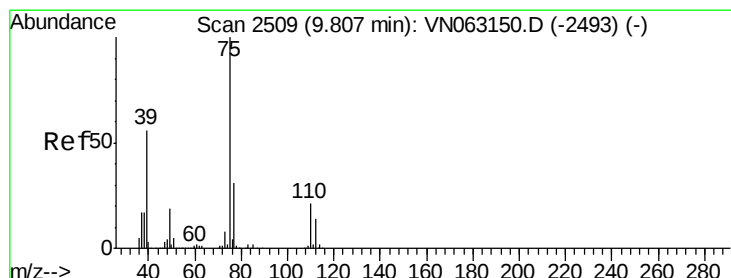
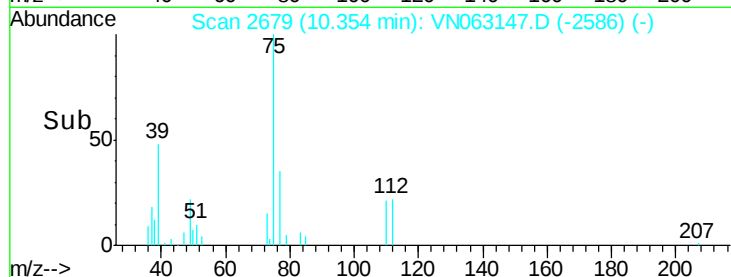
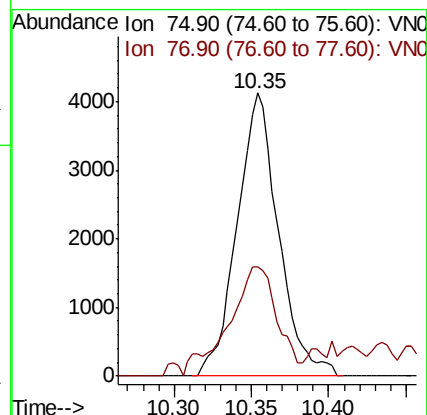
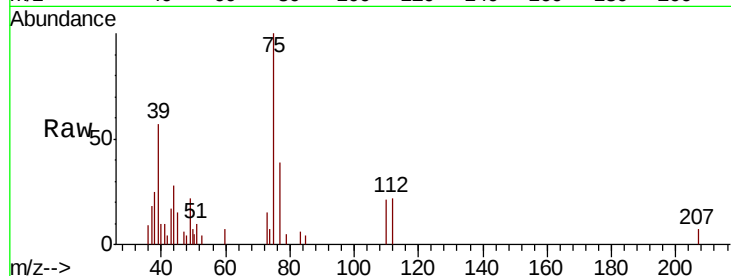
VSTDIC001

Tot Ion: 75 Resp: 7652

Ion Ratio Lower Upper

75 100

77 31.1 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 0.821 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

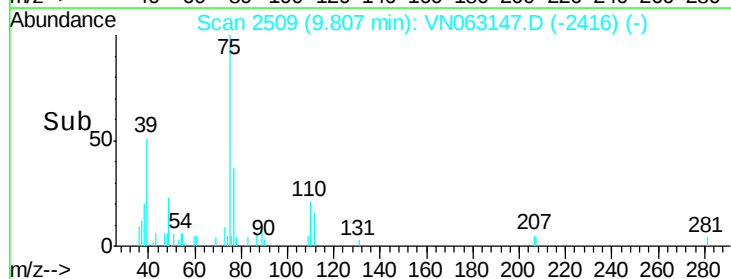
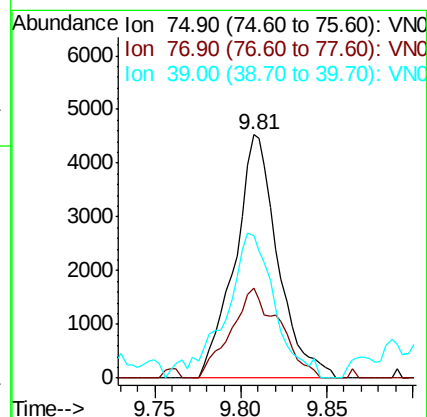
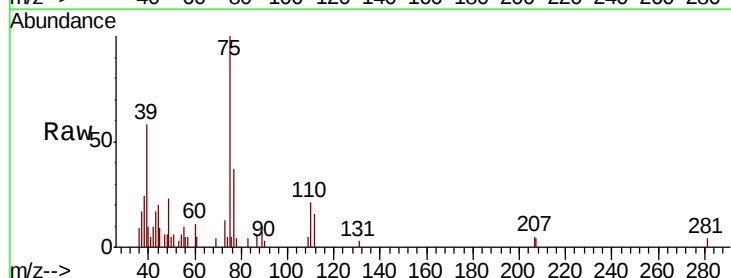
Tgt Ion: 75 Resp: 7867

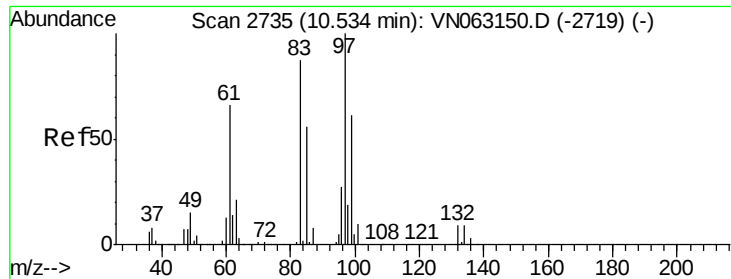
Ion Ratio Lower Upper

75 100

77 37.2 24.8 37.2

39 58.4 45.0 67.6

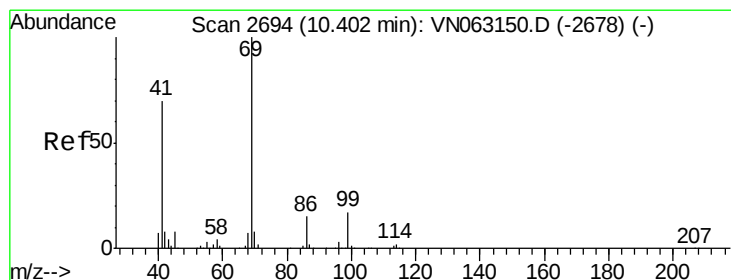
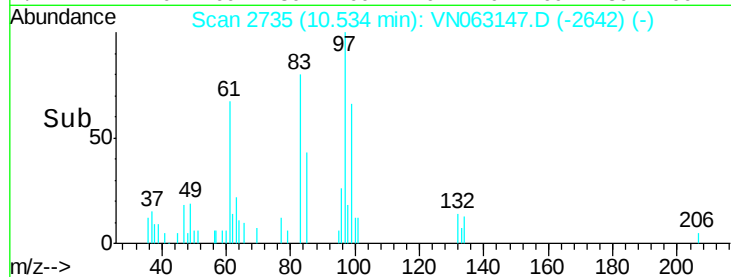
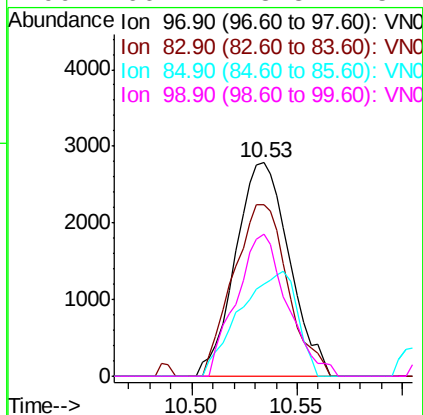
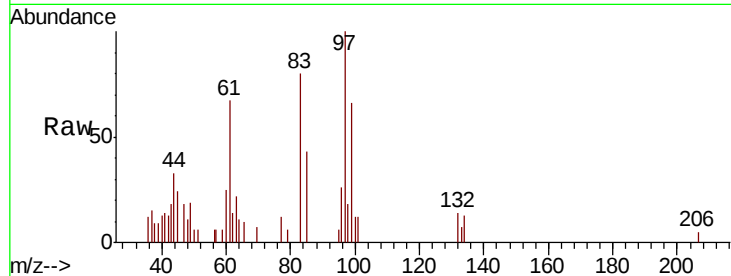




#55
 1,1,2-Trichloroethane
 Concen: 0.802 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

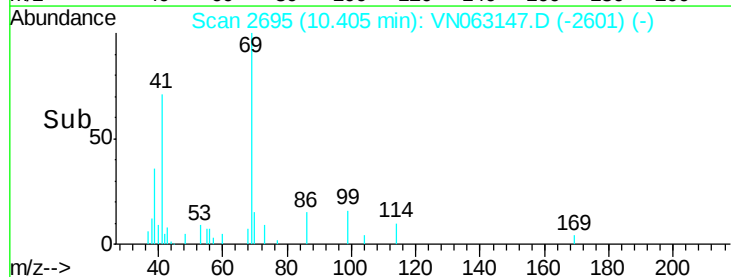
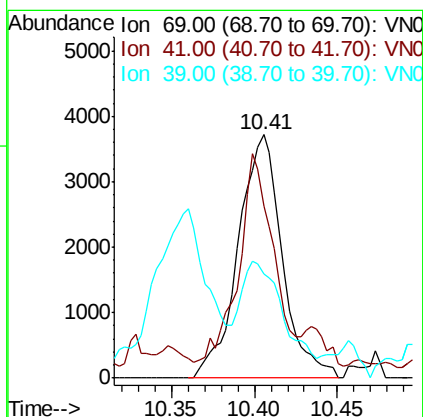
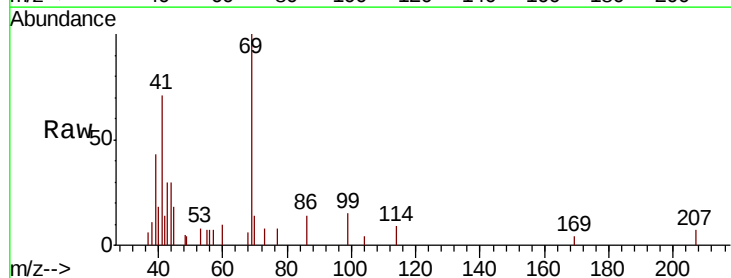
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

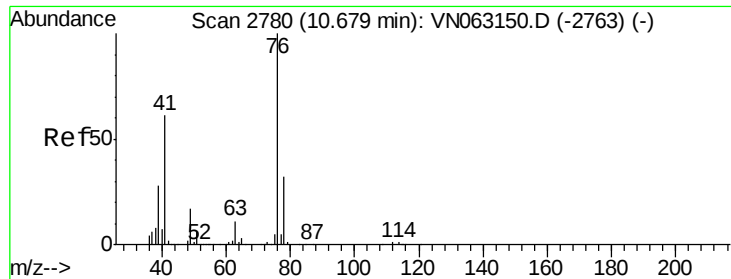
Tot Ion: 97 Resp: 4939
 Ion Ratio Lower Upper
 97 100
 83 80.5 69.8 104.8
 85 43.0 44.9 67.3#
 99 66.4 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 0.934 ug/l
 RT: 10.41 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion: 69 Resp: 6868
 Ion Ratio Lower Upper
 69 100
 41 68.1 55.5 83.3
 39 34.3 38.2 57.2#





#57

1,3-Dichloropropane

Concen: 0.847 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

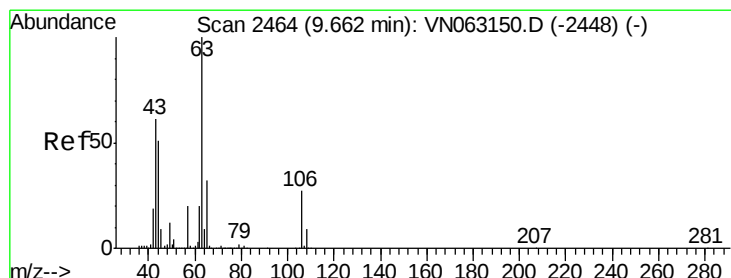
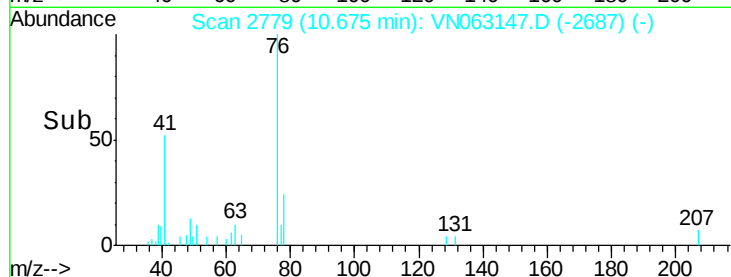
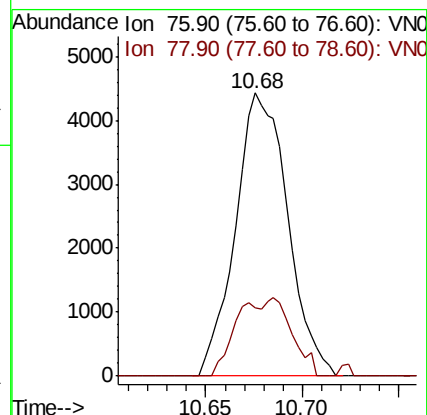
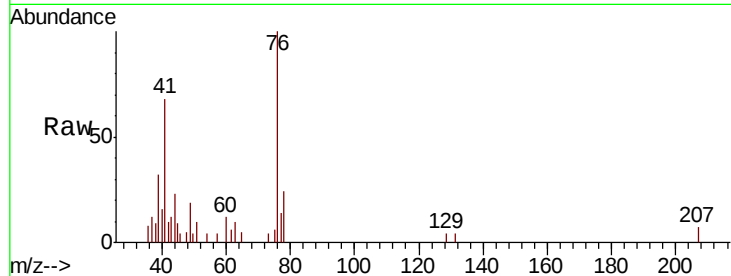
VSTDIC001

Tot Ion: 76 Resp: 8311

Ion Ratio Lower Upper

76 100

78 14.7 25.5 38.3#



#58

2-Chloroethyl Vinyl ether

Concen: 5.096 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063147.D

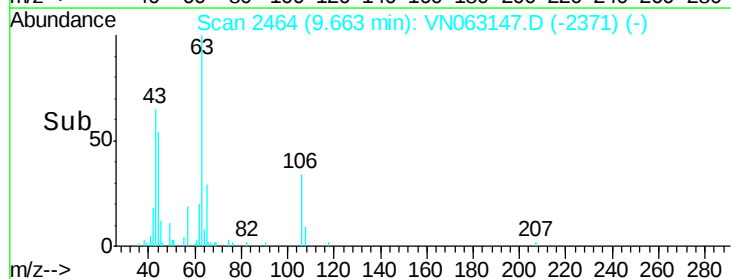
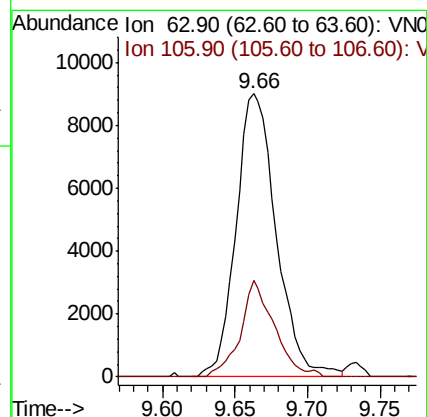
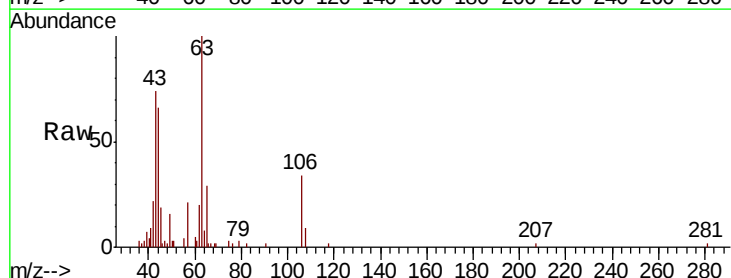
Acq: 31 Aug 2020 12:54

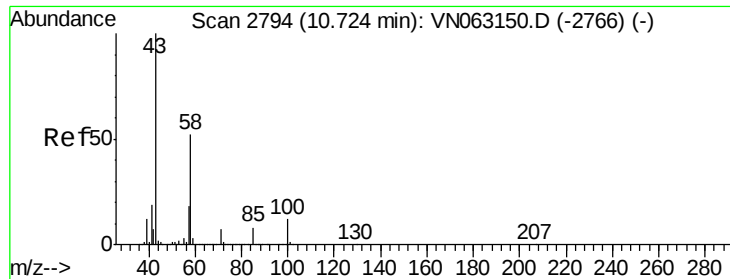
Tgt Ion: 63 Resp: 17380

Ion Ratio Lower Upper

63 100

106 28.7 21.8 32.6

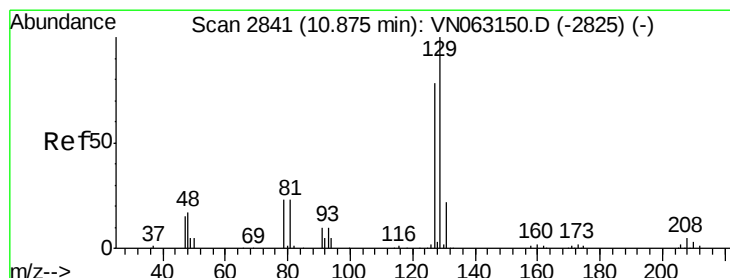
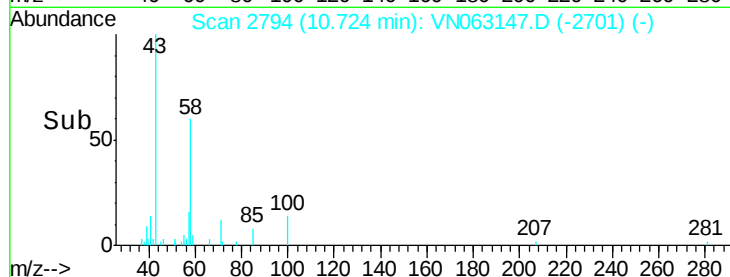
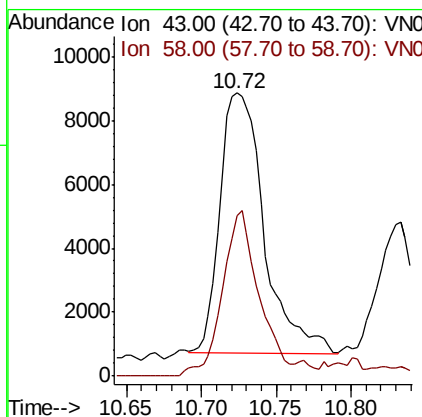
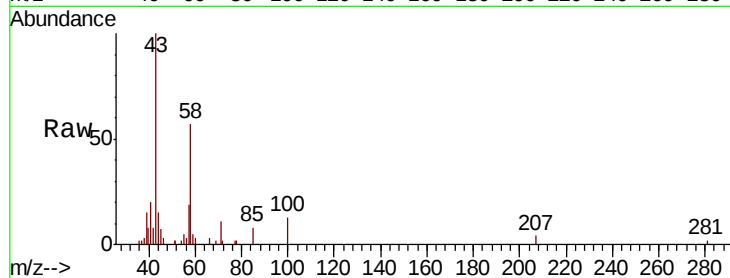




#59
2-Hexanone
Concen: 4.273 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

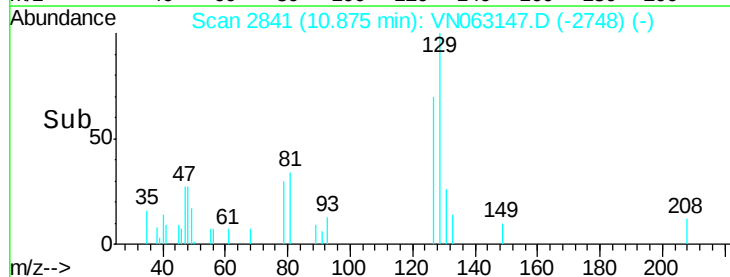
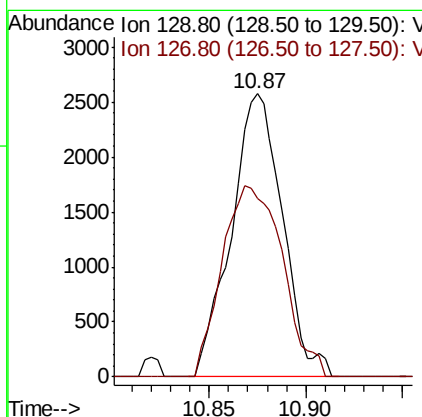
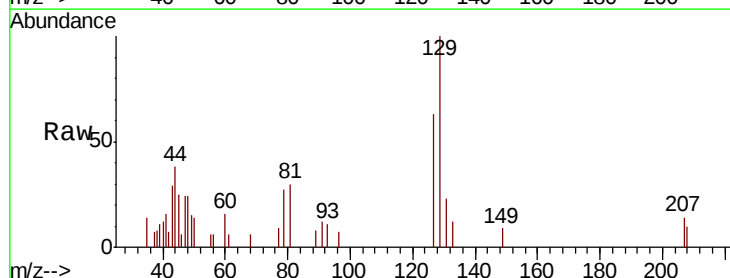
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

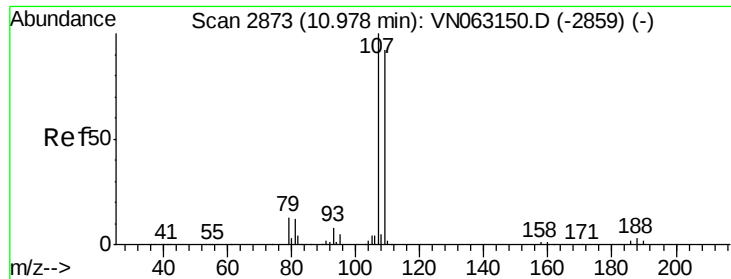
Tot Ion: 43 Resp: 16788
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.8



#60
Dibromochloromethane
Concen: 0.706 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion: 129 Resp: 4751
Ion Ratio Lower Upper
129 100
127 79.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 0.756 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

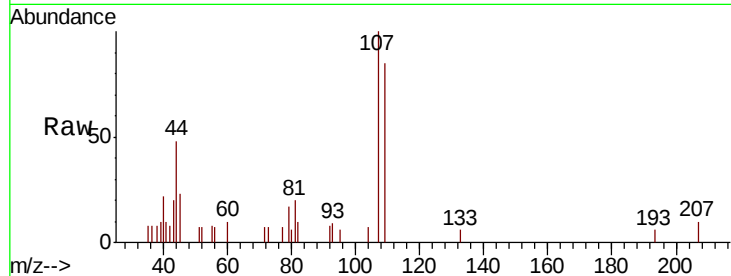
VSTDIC001

Tot Ion:107 Resp: 4387

Ion Ratio Lower Upper

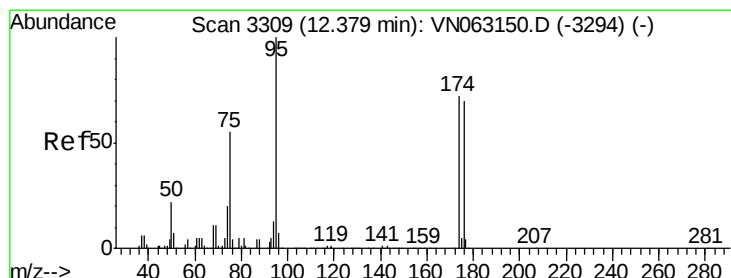
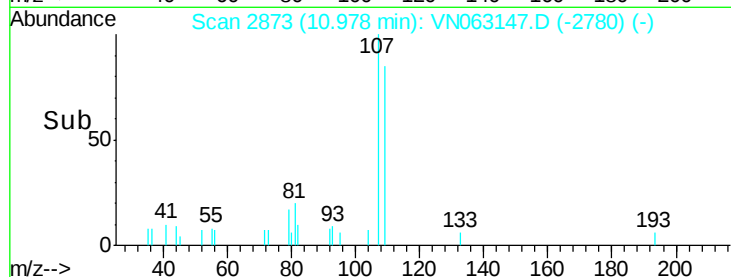
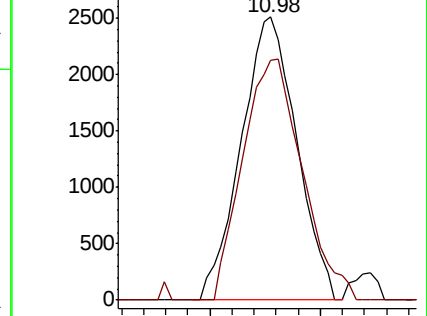
107 100

109 91.1 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.796 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

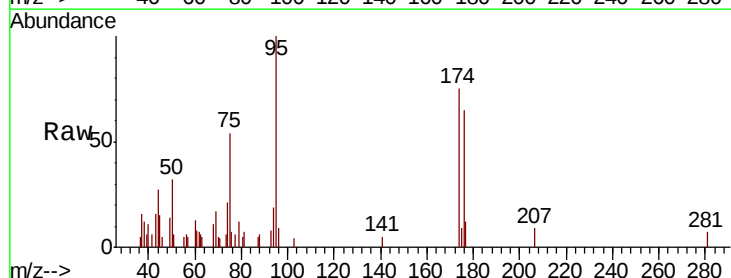
Tgt Ion: 95 Resp: 6070

Ion Ratio Lower Upper

95 100

174 76.1 0.0 143.8

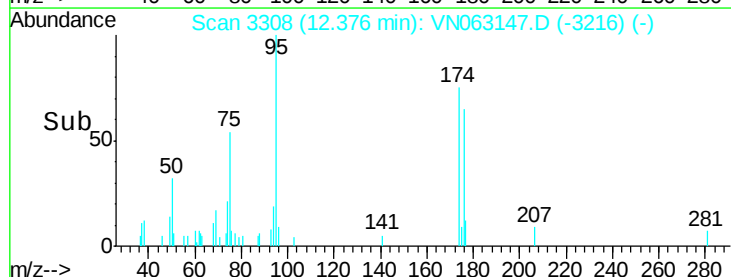
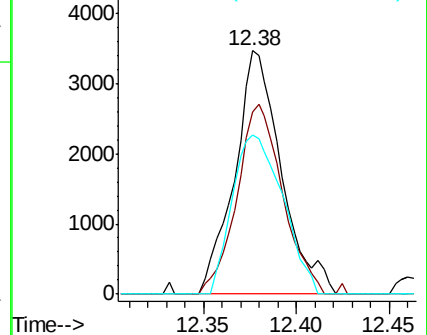
176 70.6 0.0 138.4

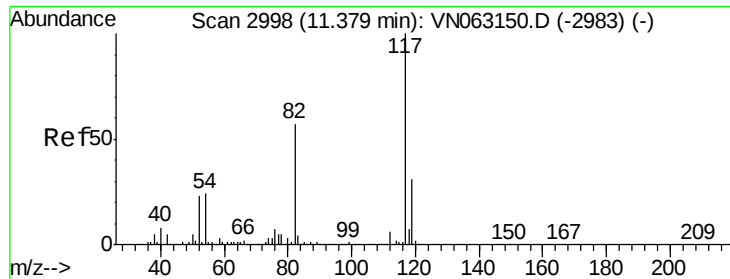


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

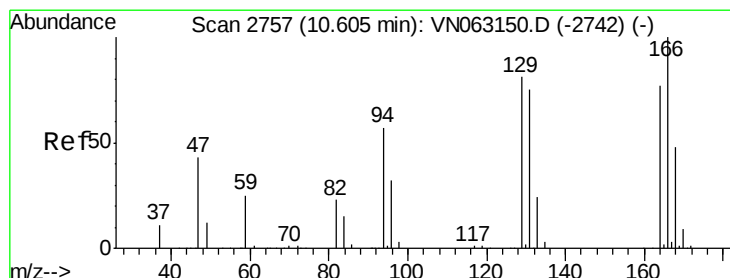
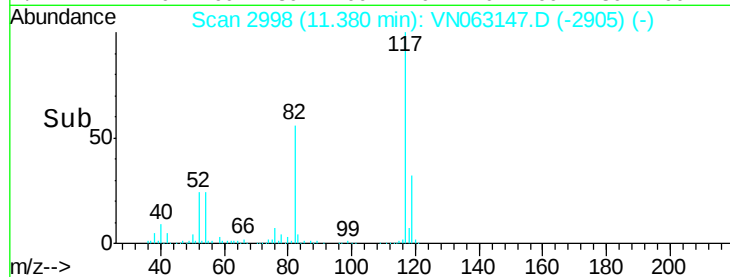
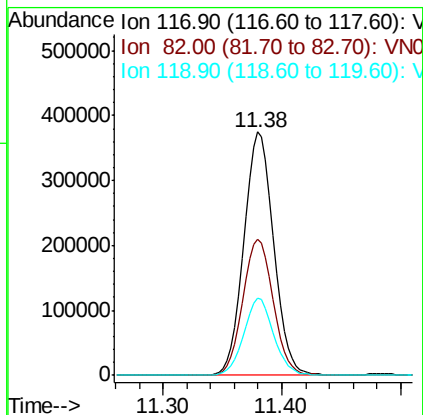
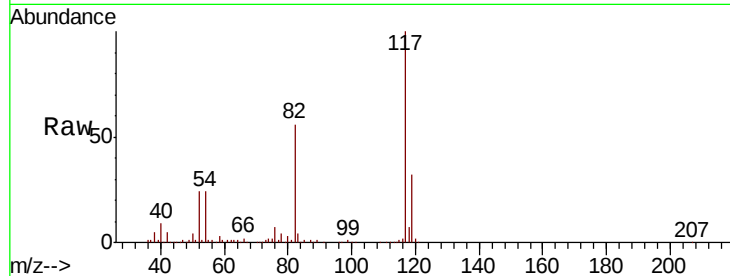




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

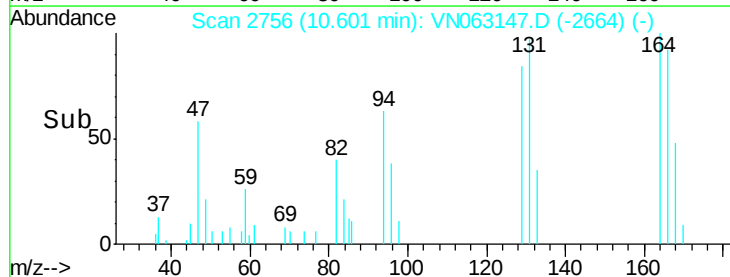
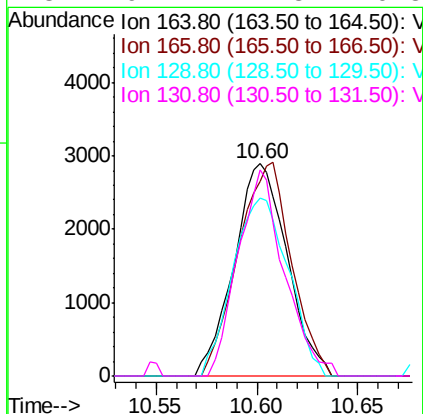
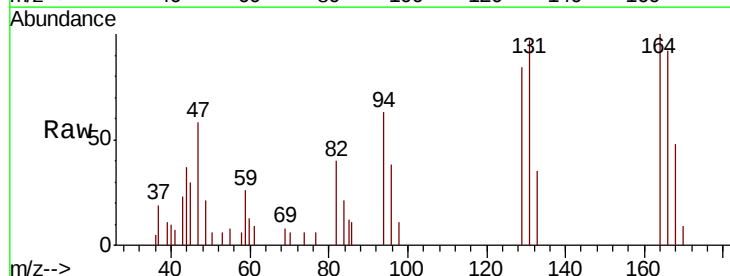
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

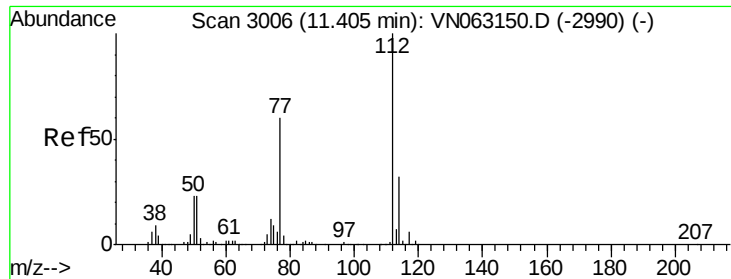
Tot Ion:117 Resp: 650825
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 31.7 24.6 37.0



#64
Tetrachloroethene
Concen: 0.935 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion:164 Resp: 5330
Ion Ratio Lower Upper
164 100
166 92.0 103.4 155.2#
129 84.2 83.4 125.0
131 97.4 77.8 116.8

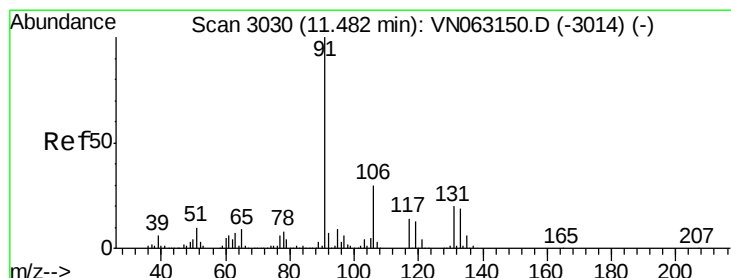
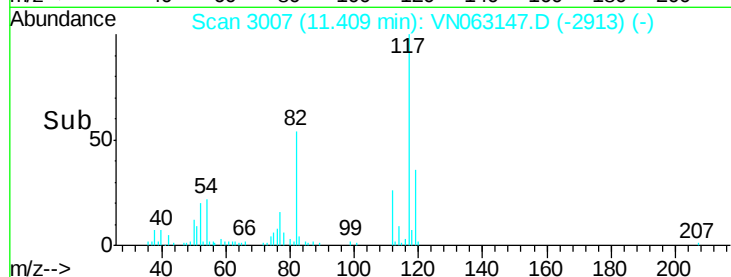
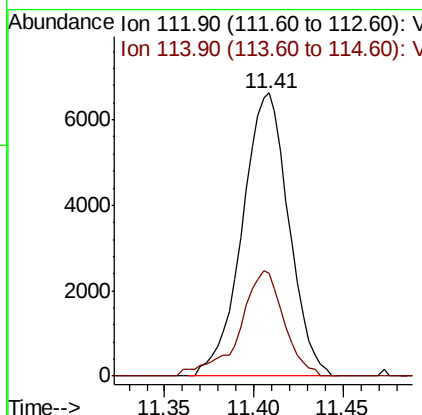
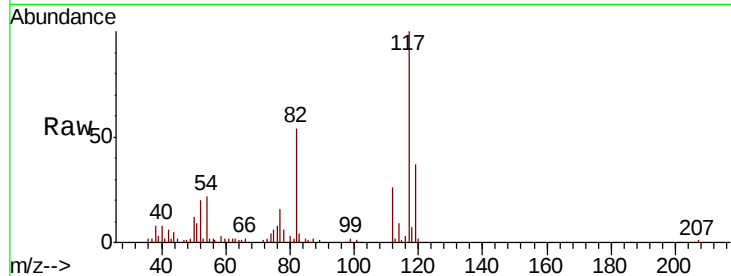




#65
Chlorobenzene
Concen: 0.756 ug/l
RT: 11.41 min Scan# 3007
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

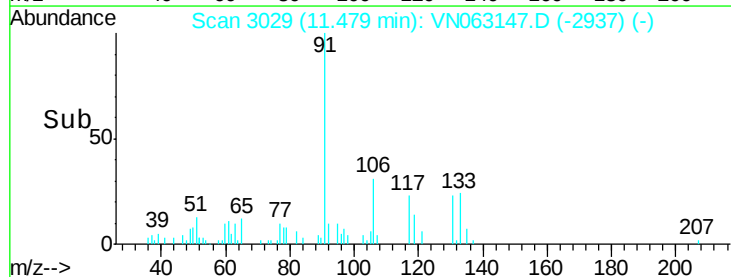
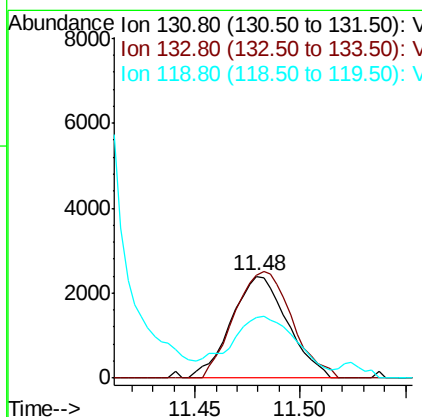
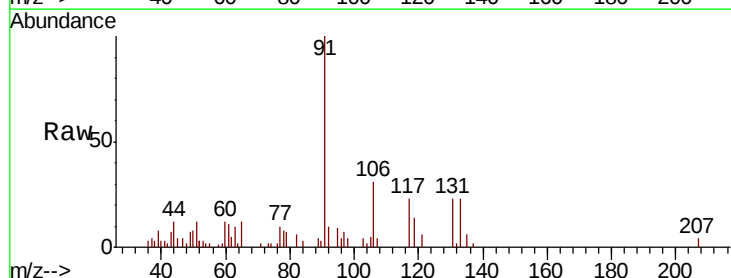
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

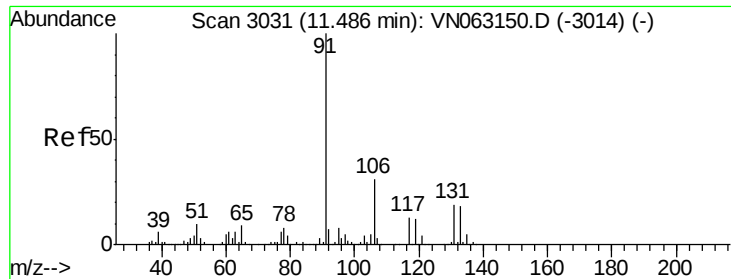
Tot Ion:112 Resp: 12100
Ion Ratio Lower Upper
112 100
114 36.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.715 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion:131 Resp: 4442
Ion Ratio Lower Upper
131 100
133 107.2 47.3 142.0
119 0.0 32.4 97.0#

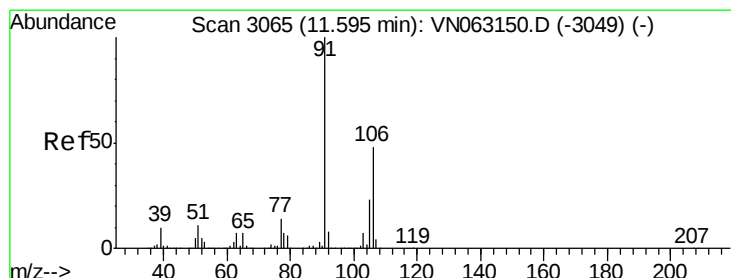
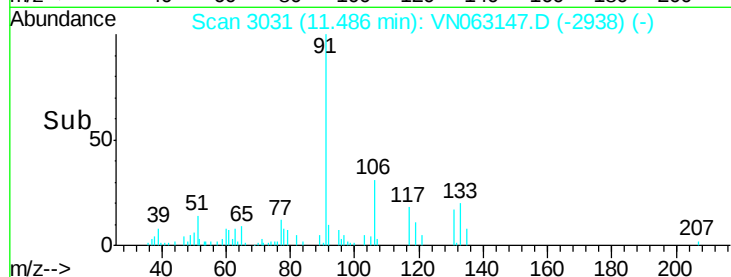
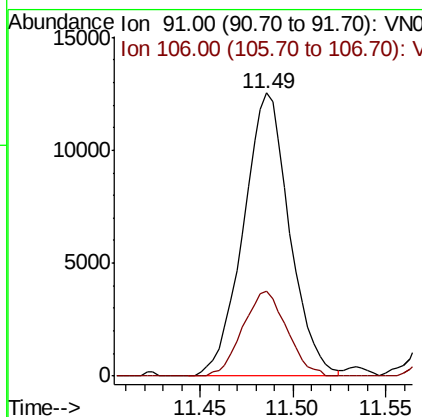
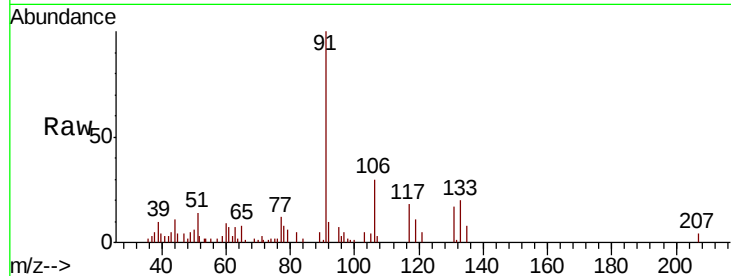




#67
Ethyl Benzene
Concen: 0.830 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

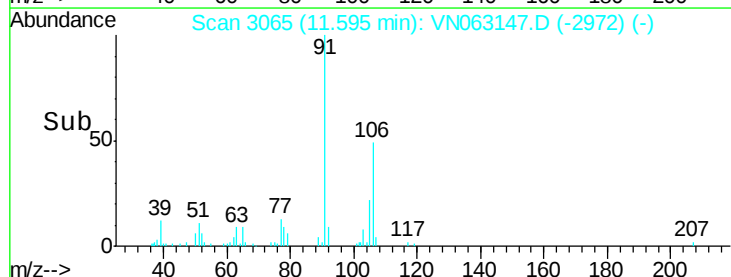
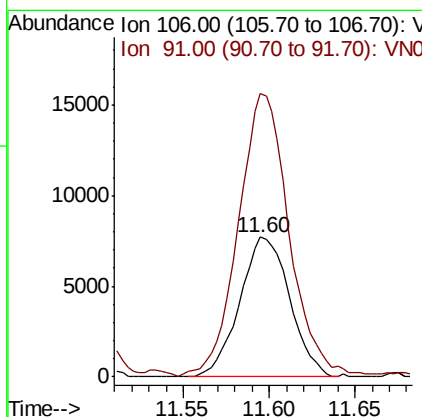
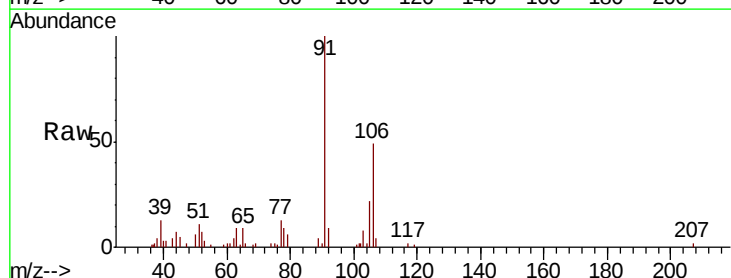
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

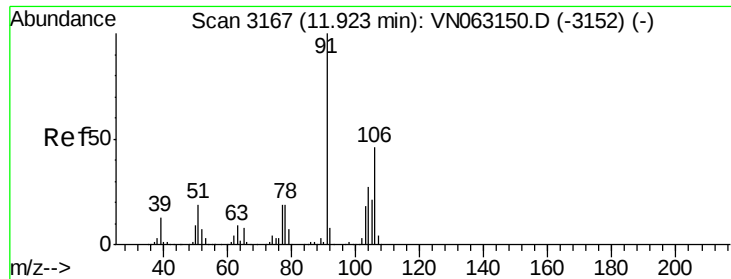
Tot Ion: 91 Resp: 21777
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6



#68
m/p-Xylenes
Concen: 1.578 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion: 106 Resp: 15515
Ion Ratio Lower Upper
106 100
91 207.2 166.7 250.1

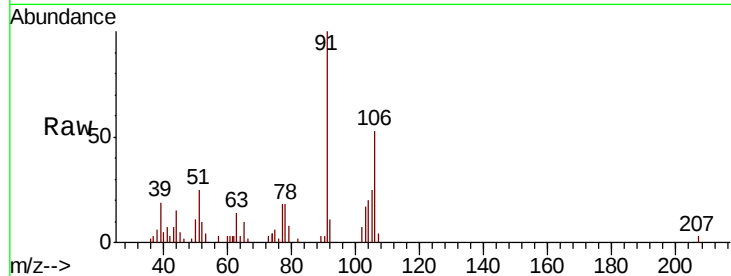




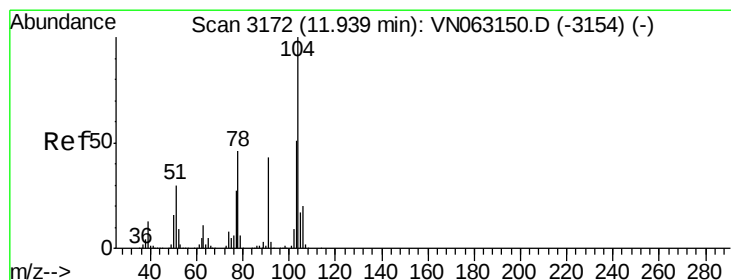
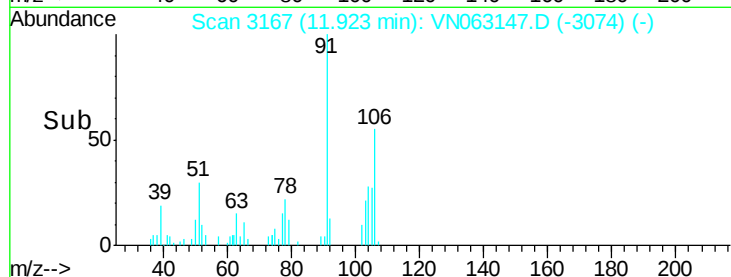
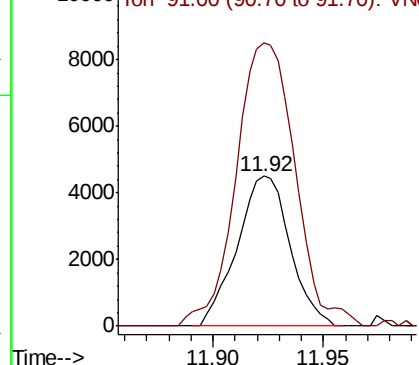
#69
o-Xylene
Concen: 0.792 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 7506
Ion Ratio Lower Upper
106 100
91 210.3 108.6 325.6

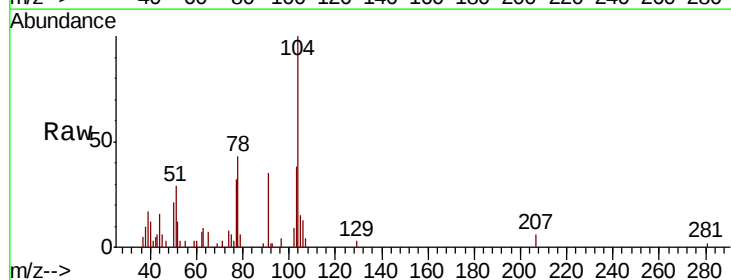


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

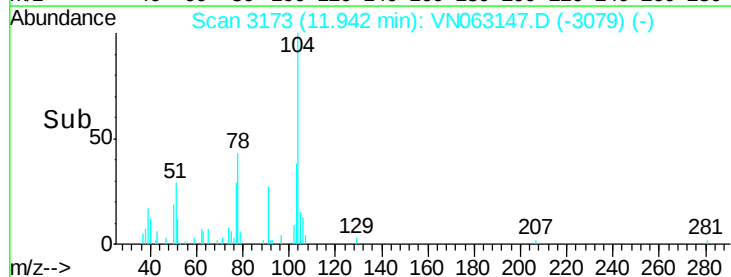
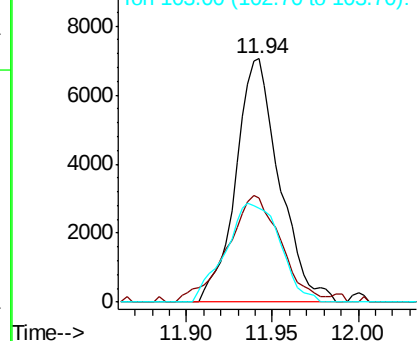


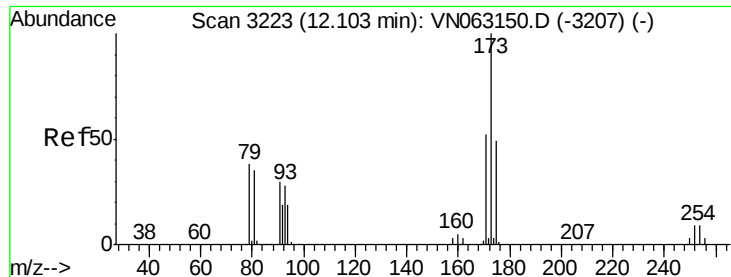
#70
Styrene
Concen: 0.809 ug/l
RT: 11.94 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion:104 Resp: 12485
Ion Ratio Lower Upper
104 100
78 53.8 41.0 61.6
103 50.6 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

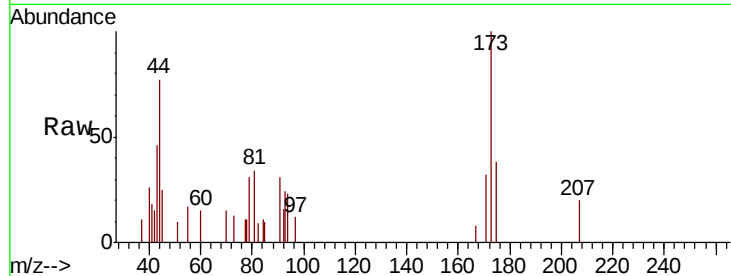




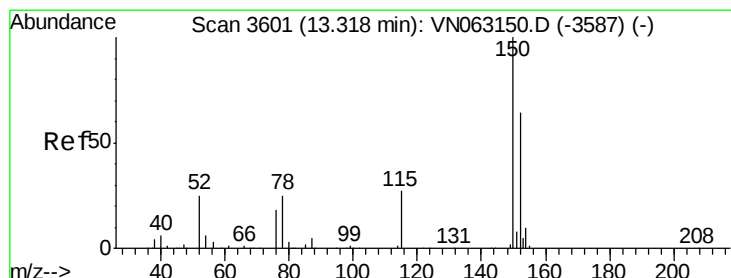
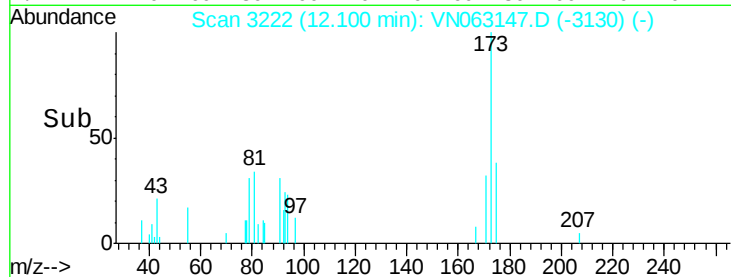
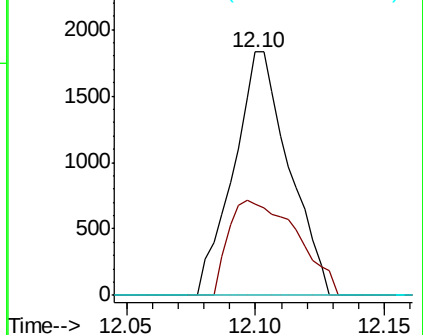
#71
Bromoform
Concen: 0.627 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:173 Resp: 2736
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.0 0.0 0.0

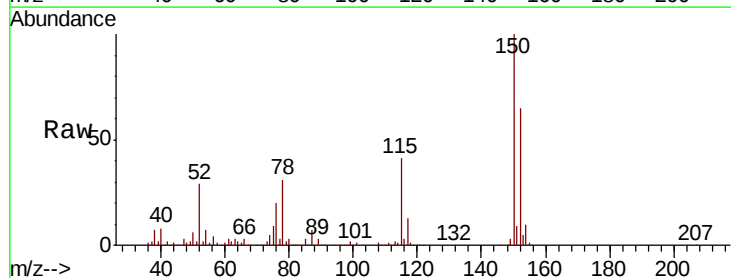


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

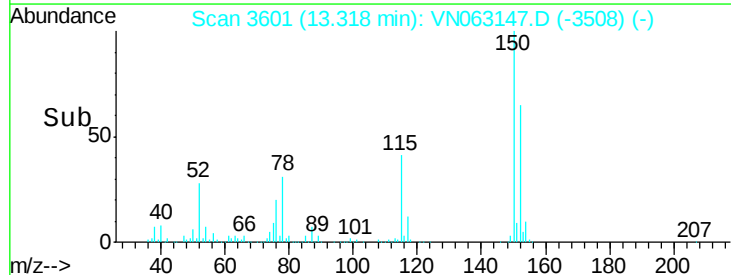
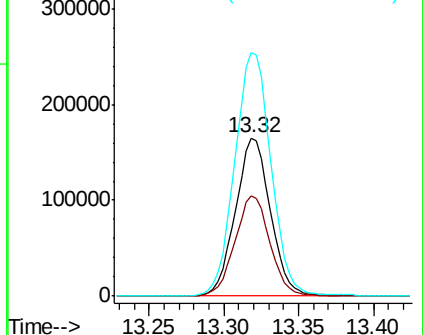


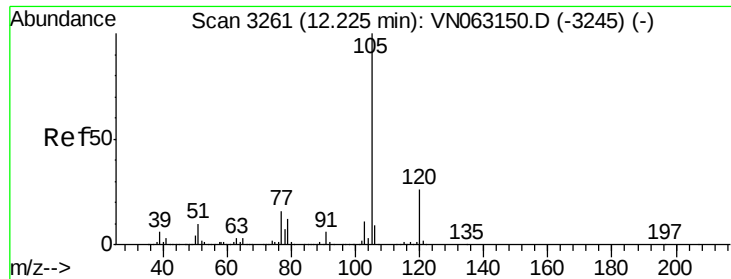
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion:152 Resp: 269261
Ion Ratio Lower Upper
152 100
115 63.3 32.0 96.2
150 158.9 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

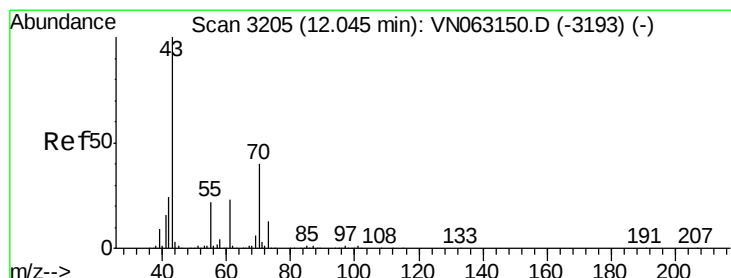
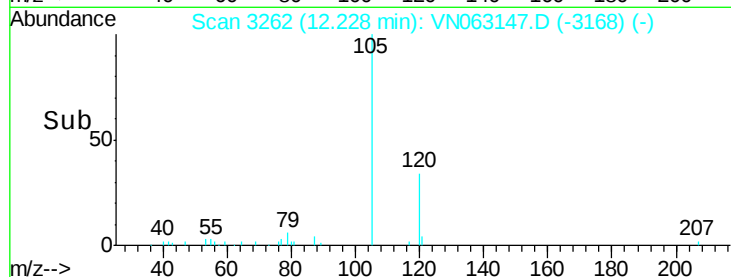
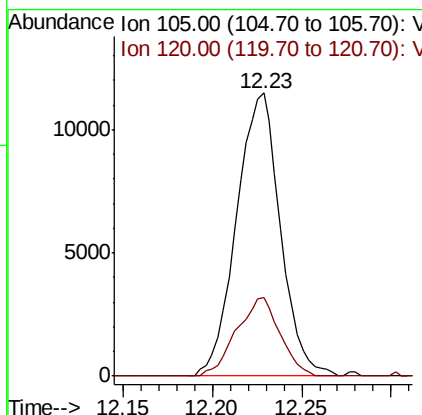
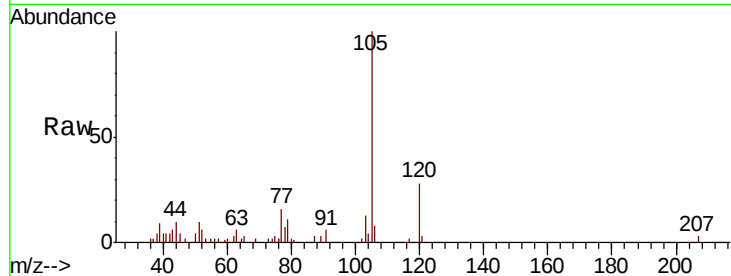




#73
Isopropylbenzene
Concen: 0.949 ug/l
RT: 12.23 min Scan# 3262
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

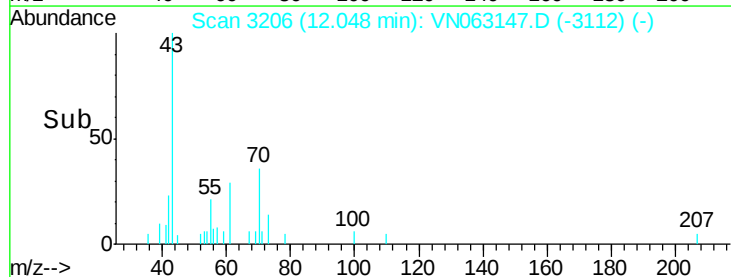
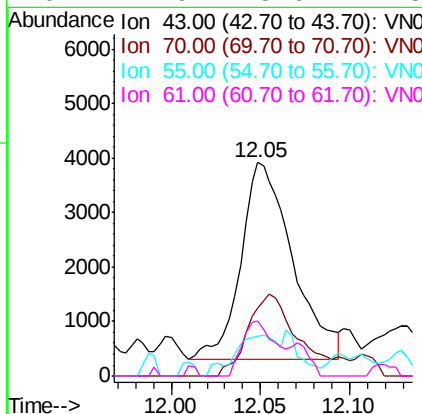
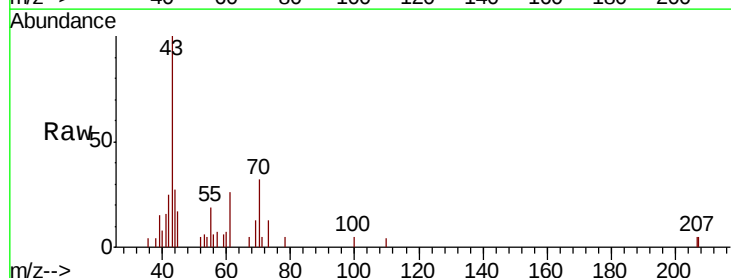
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

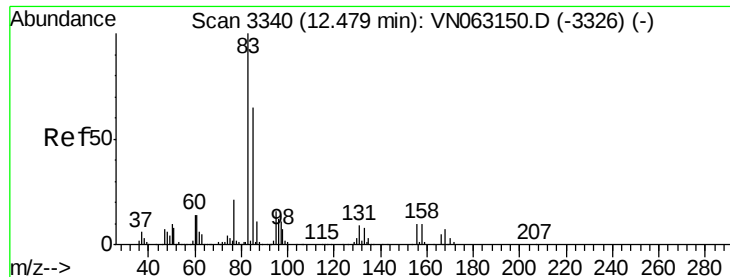
Tot Ion:105 Resp: 19705
Ion Ratio Lower Upper
105 100
120 27.6 12.9 38.6



#74
N-ethyl acetate
Concen: 1.080 ug/l
RT: 12.05 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion: 43 Resp: 7287
Ion Ratio Lower Upper
43 100
70 42.1 32.1 48.1
55 17.3 17.4 26.0#
61 17.9 18.6 27.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.921 ug/l

RT: 12.48 min Scan# 3341

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

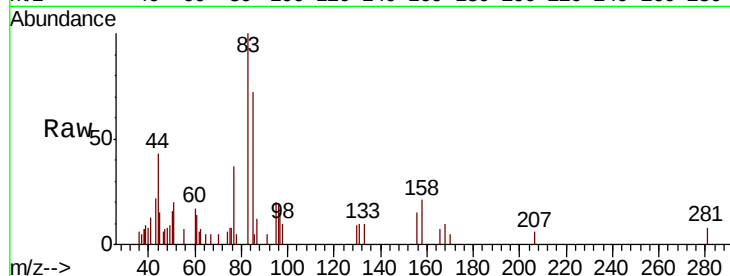
Tot Ion: 83 Resp: 5776

Ion Ratio Lower Upper

83 100

131 12.2 4.7 14.0

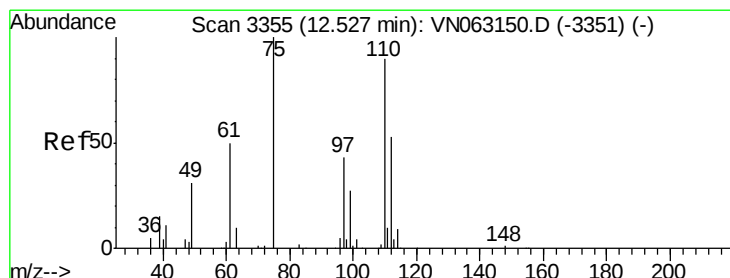
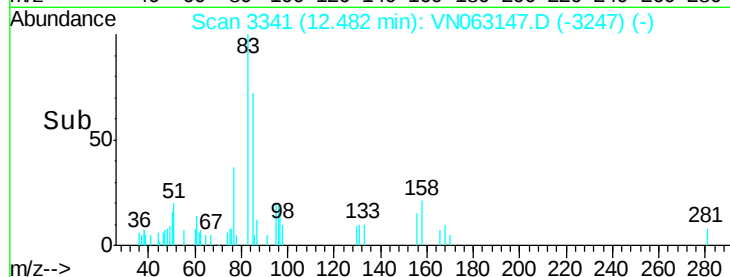
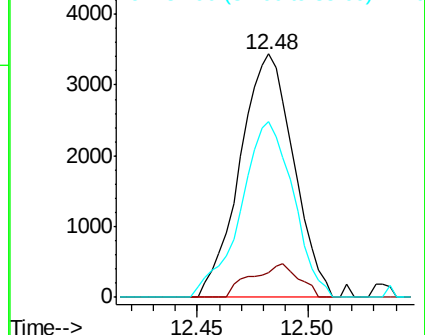
85 71.0 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 1.539 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063147.D

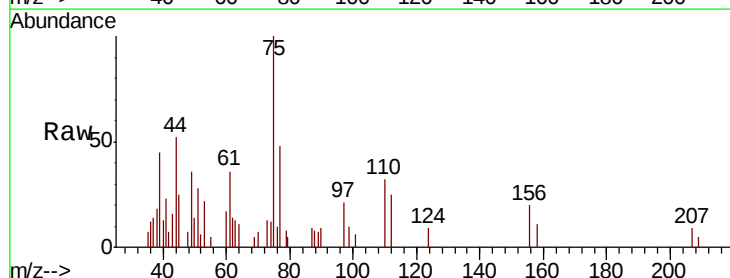
Acq: 31 Aug 2020 12:54

Tgt Ion: 75 Resp: 8008

Ion Ratio Lower Upper

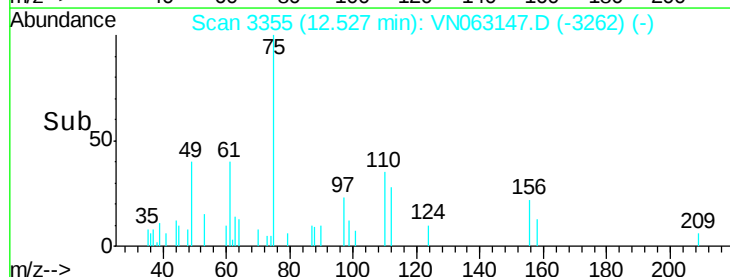
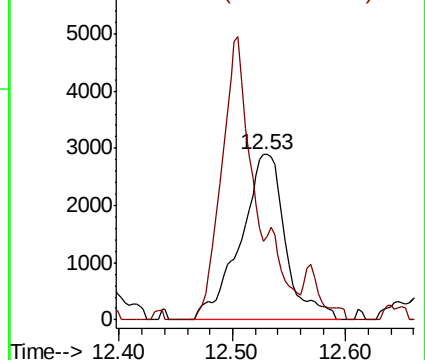
75 100

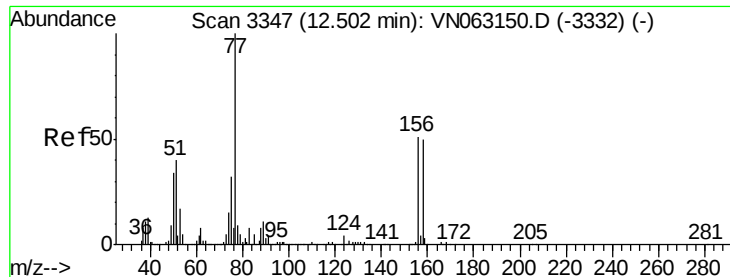
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 0.496 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

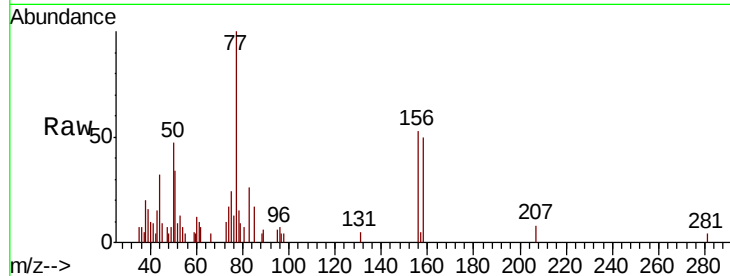
Tot Ion:156 Resp: 2769

Ion Ratio Lower Upper

156 100

77 318.6 116.1 348.3

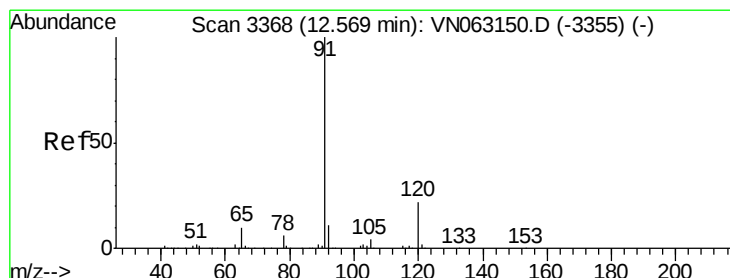
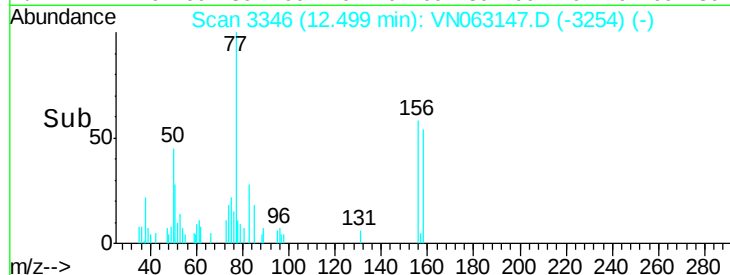
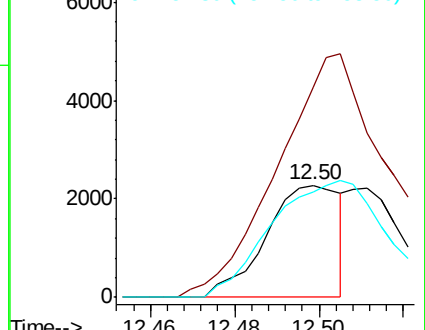
158 163.6 48.8 146.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.969 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063147.D

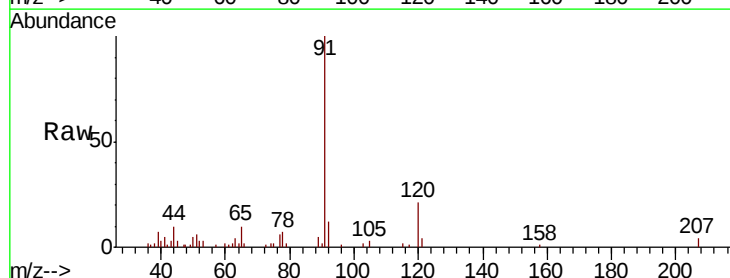
Acq: 31 Aug 2020 12:54

Tgt Ion: 91 Resp: 22931

Ion Ratio Lower Upper

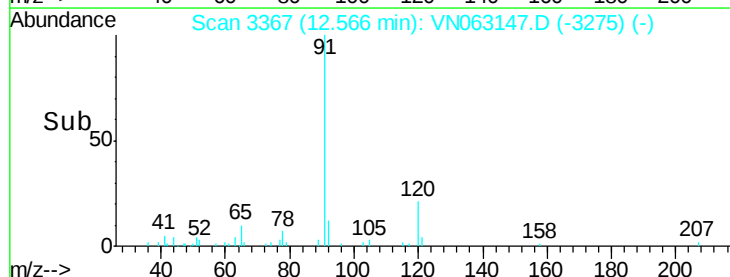
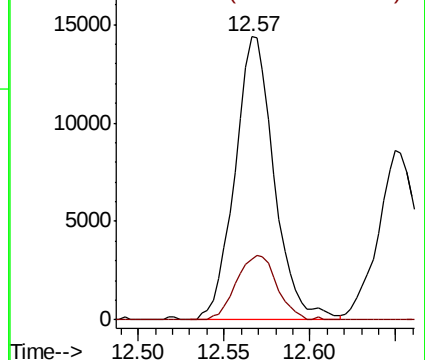
91 100

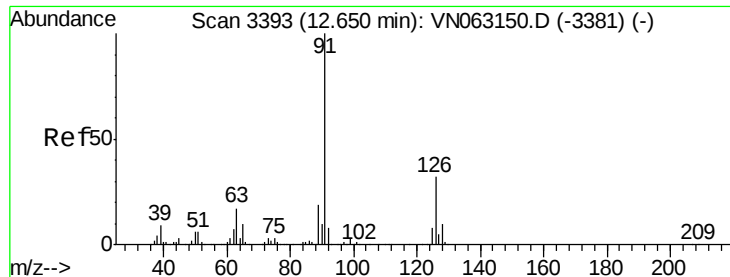
120 23.3 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

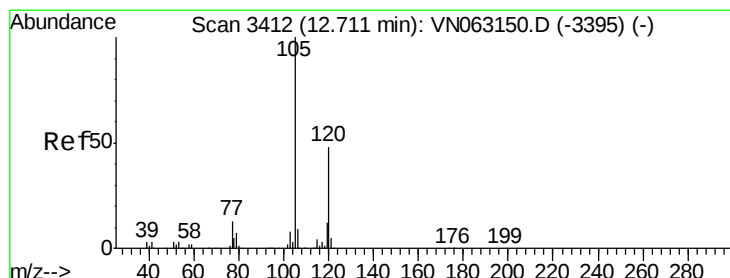
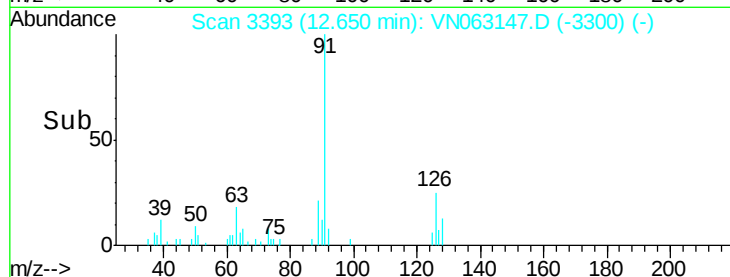
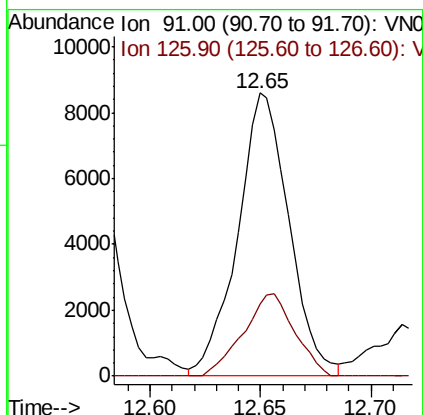
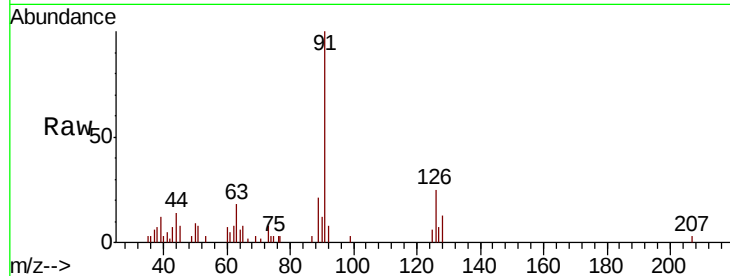




#79
 2-Chlorotoluene
 Concen: 0.959 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

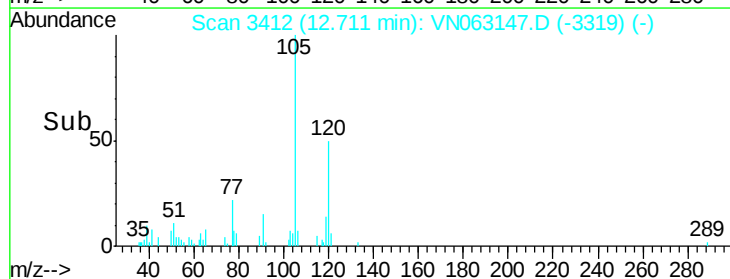
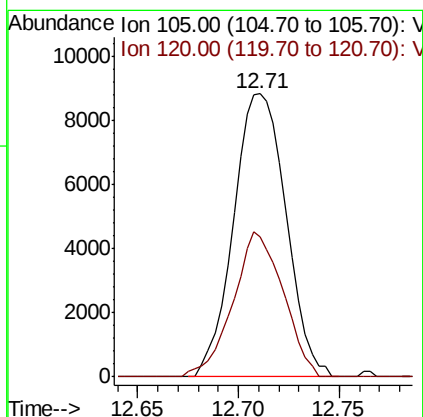
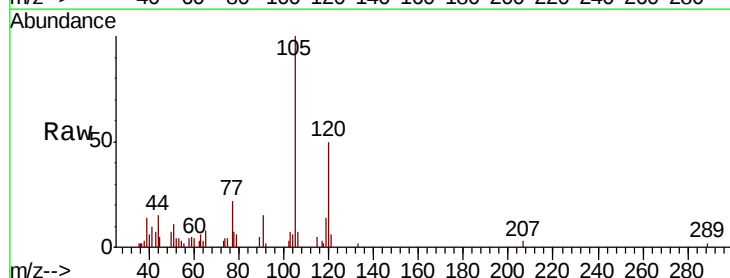
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

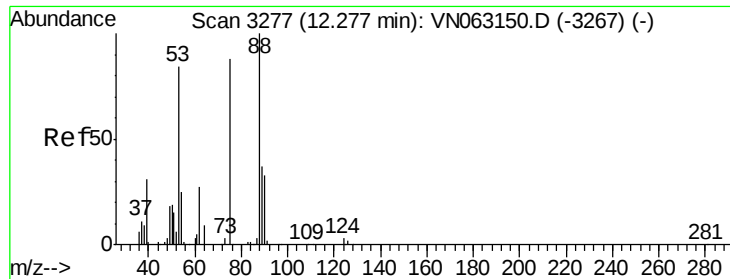
Tot Ion: 91 Resp: 13895
 Ion Ratio Lower Upper
 91 100
 126 29.0 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 0.966 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion: 105 Resp: 16077
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 1.239 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

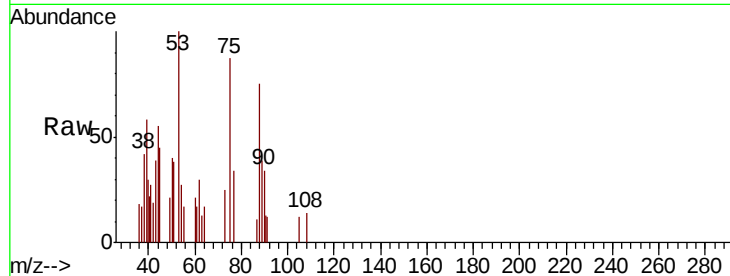
Tot Ion: 75 Resp: 2155

Ion Ratio Lower Upper

75 100

53 96.5 78.7 118.1

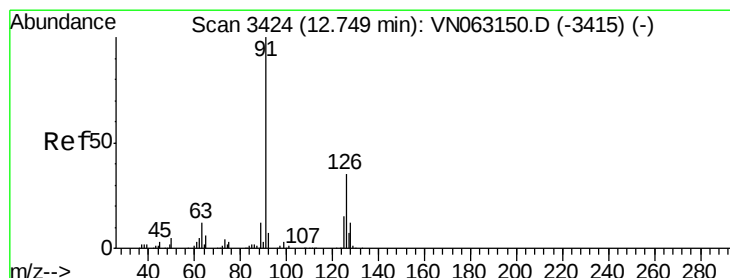
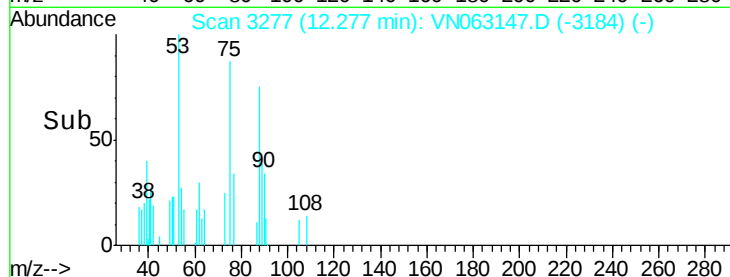
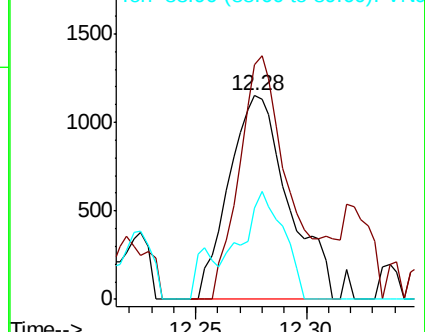
89 37.8 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN063147.D (-3184) (-)

Ion 53.00 (52.70 to 53.70): VN063147.D (-3184) (-)

Ion 88.90 (88.60 to 89.60): VN063147.D (-3184) (-)



#82

4-Chlorotoluene

Concen: 0.945 ug/l

RT: 12.75 min Scan# 3425

Delta R.T. 0.00 min

Lab File: VN063147.D

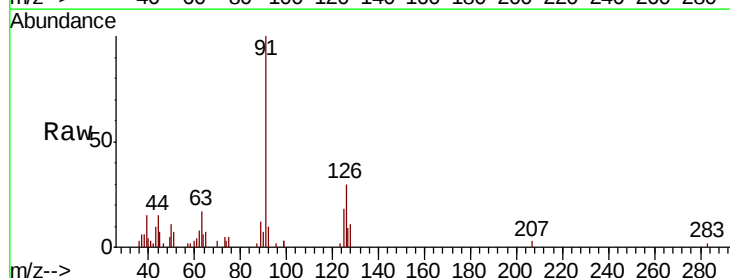
Acq: 31 Aug 2020 12:54

Tgt Ion: 91 Resp: 13775

Ion Ratio Lower Upper

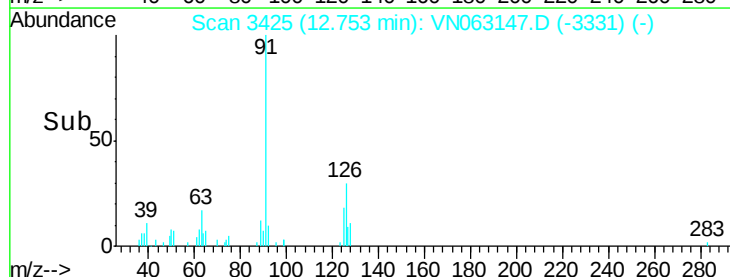
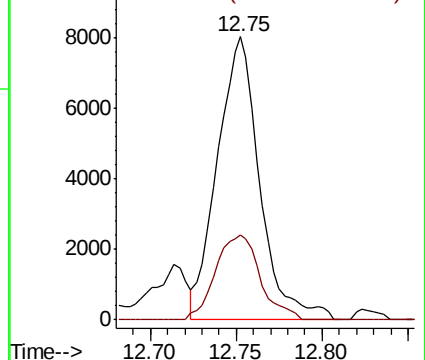
91 100

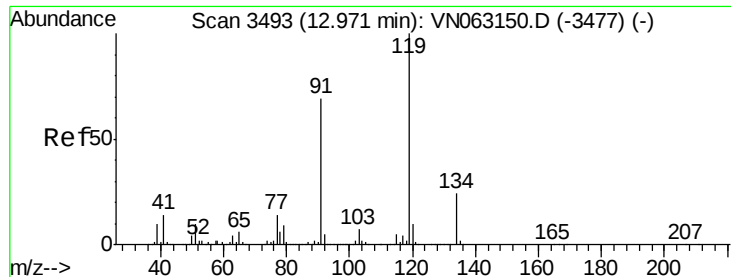
126 31.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN063147.D (-3331) (-)

Ion 125.90 (125.60 to 126.60): VN063147.D (-3331) (-)

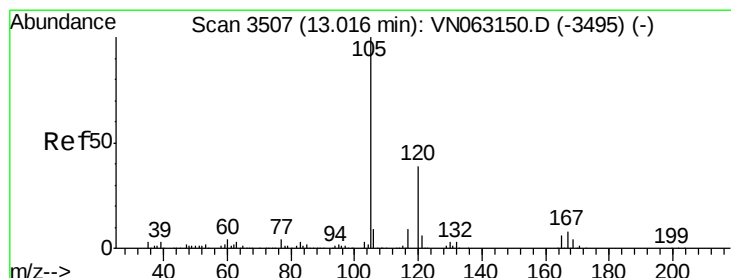
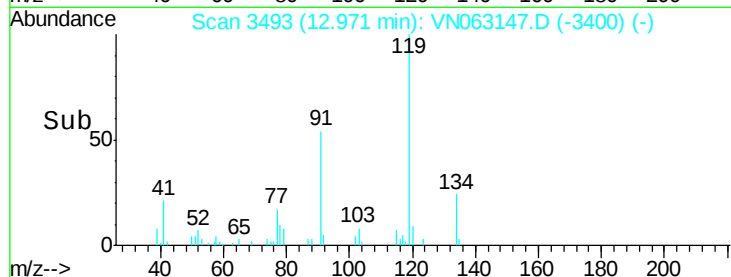
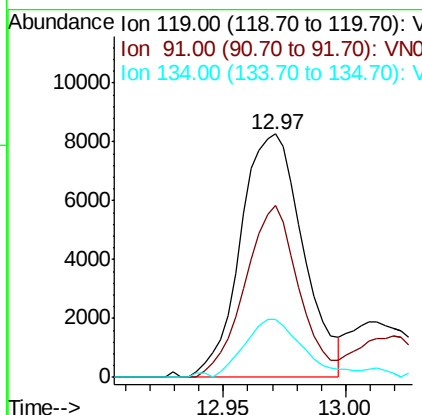
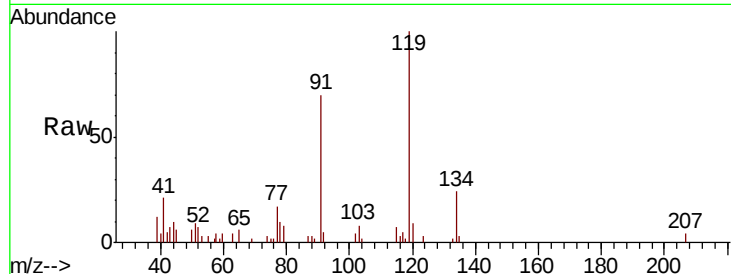




#83
tert-Butylbenzene
Concen: 1.011 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

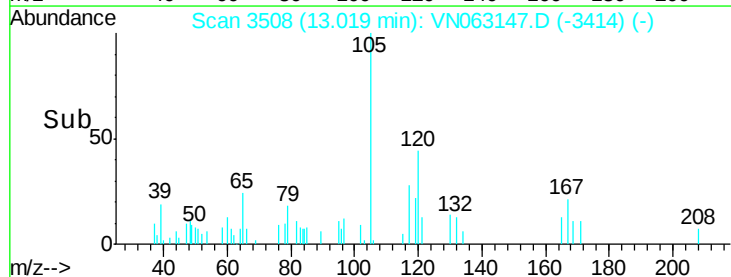
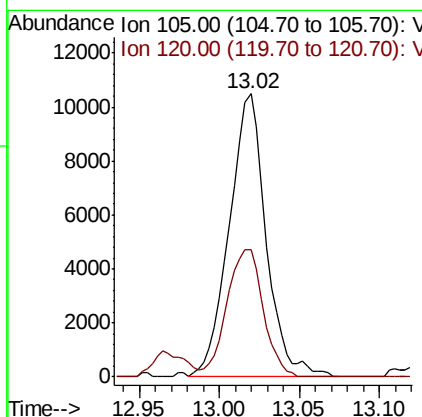
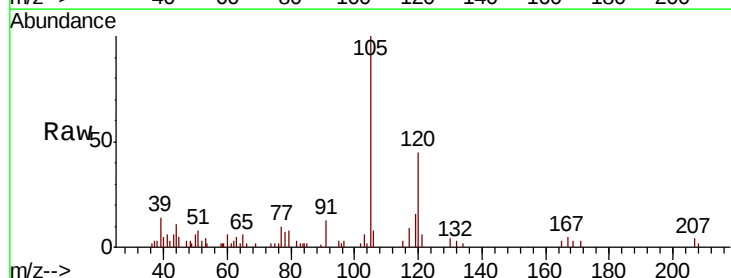
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

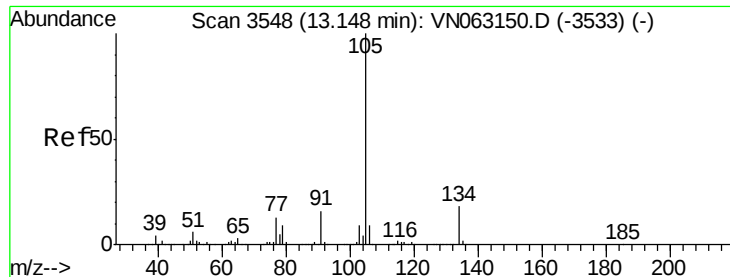
Tot Ion:119 Resp: 14711
Ion Ratio Lower Upper
119 100
91 60.7 33.7 101.0
134 22.8 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 0.977 ug/l
RT: 13.02 min Scan# 3508
Delta R.T. 0.00 min
Lab File: VN063147.D
Acq: 31 Aug 2020 12:54

Tgt Ion:105 Resp: 16421
Ion Ratio Lower Upper
105 100
120 44.4 22.6 67.7

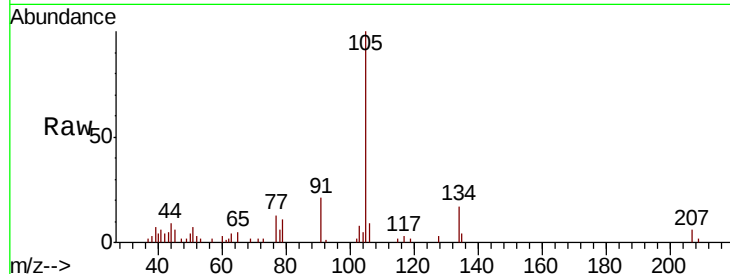




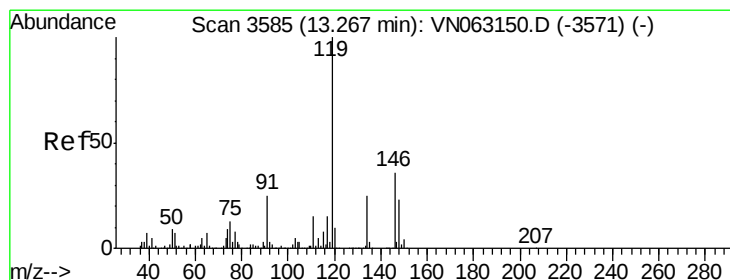
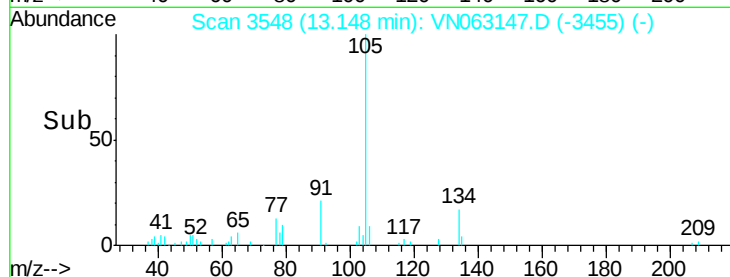
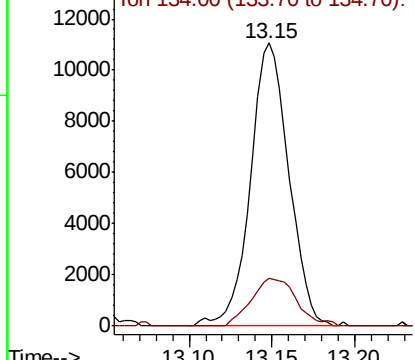
#85
 sec-Butylbenzene
 Concen: 0.923 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 17787
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.4 28.3

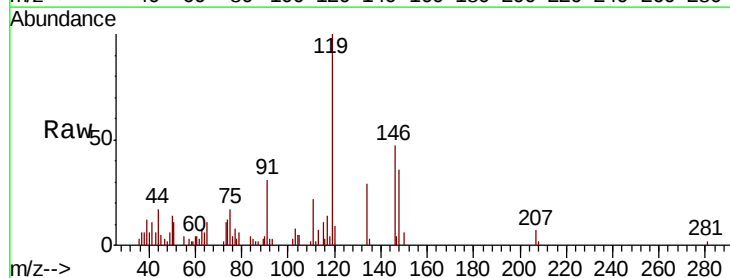


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

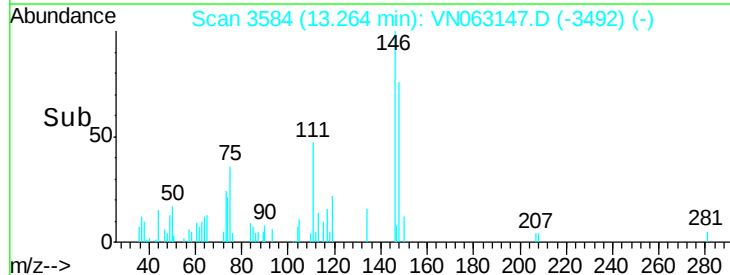
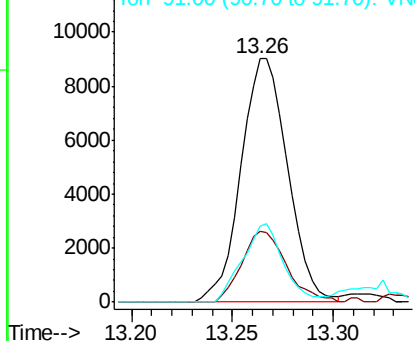


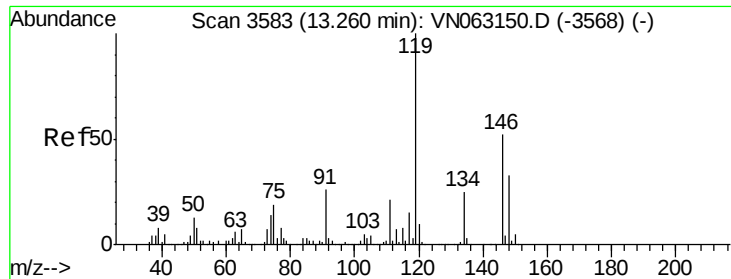
#86
 p-Isopropyltoluene
 Concen: 0.883 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion:119 Resp: 14600
 Ion Ratio Lower Upper
 119 100
 134 27.9 12.4 37.4
 91 28.0 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: 0.787 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

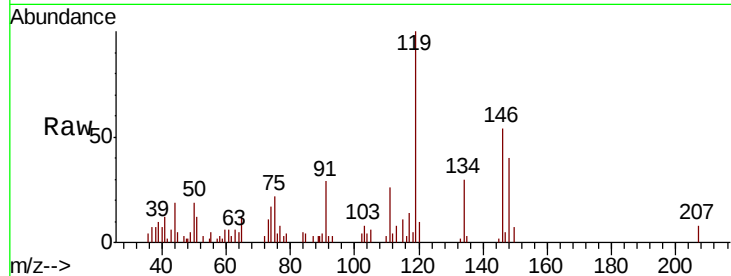
Tot Ion:146 Resp: 7704

Ion Ratio Lower Upper

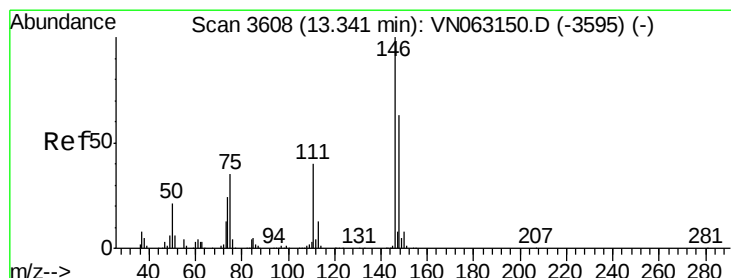
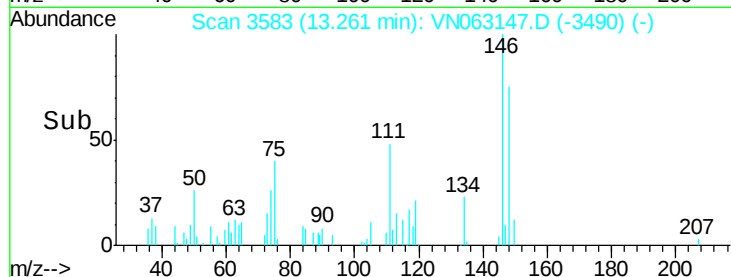
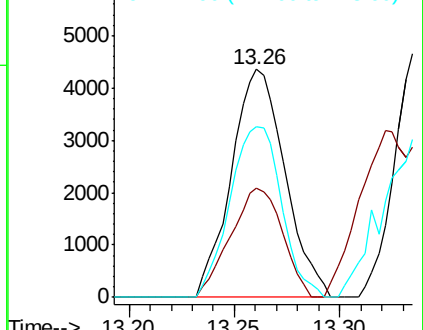
146 100

111 46.2 21.3 63.7

148 71.8 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 0.779 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.08 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

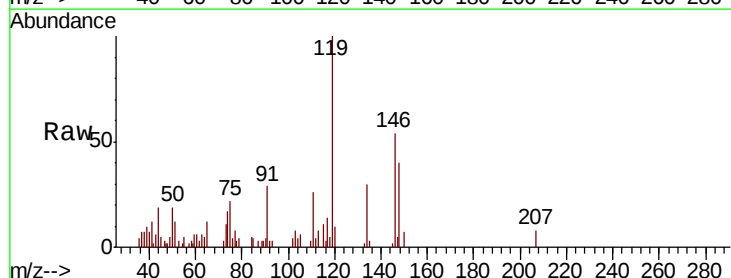
Tgt Ion:146 Resp: 7704

Ion Ratio Lower Upper

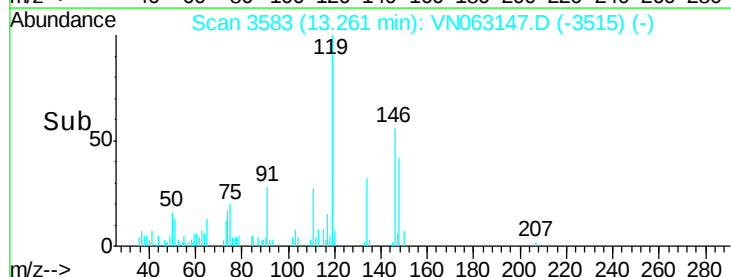
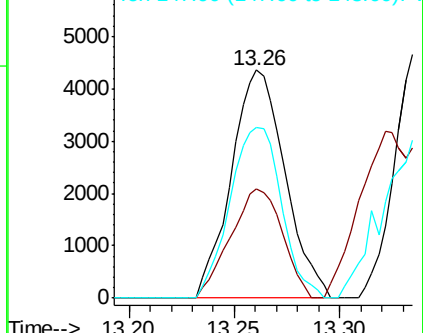
146 100

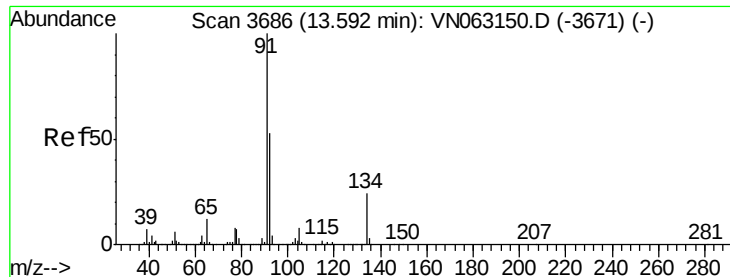
111 46.2 20.5 61.5

148 71.8 31.9 95.7



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





#89

n-Butylbenzene

Concen: 1.033 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

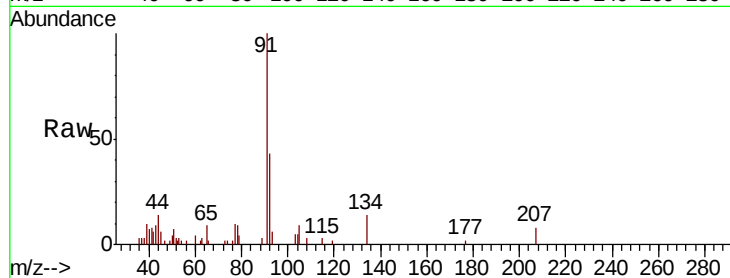
Tot Ion: 91 Resp: 14362

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.8

134 18.8 12.0 36.0

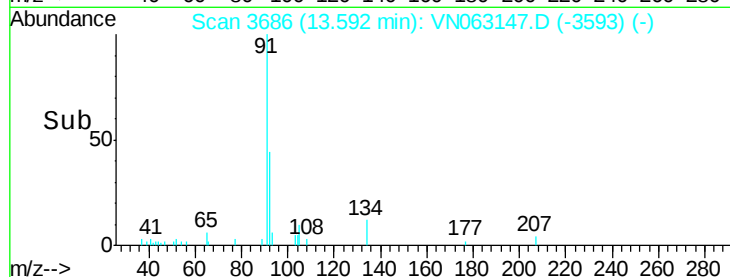


Abundance Ion 91.00 (90.70 to 91.70): VN063147.D (-3593) (-)

Ion 92.00 (91.70 to 92.70): VN063147.D (-3593) (-)

Ion 134.00 (133.70 to 134.70): VN063147.D (-3593) (-)

Time-->

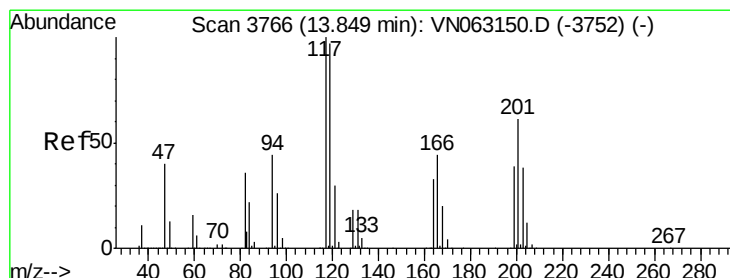


Abundance Ion 91.00 (90.70 to 91.70): VN063147.D (-3593) (-)

Ion 92.00 (91.70 to 92.70): VN063147.D (-3593) (-)

Ion 134.00 (133.70 to 134.70): VN063147.D (-3593) (-)

Time-->



#90

Hexachloroethane

Concen: 0.840 ug/l

RT: 13.86 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN063147.D

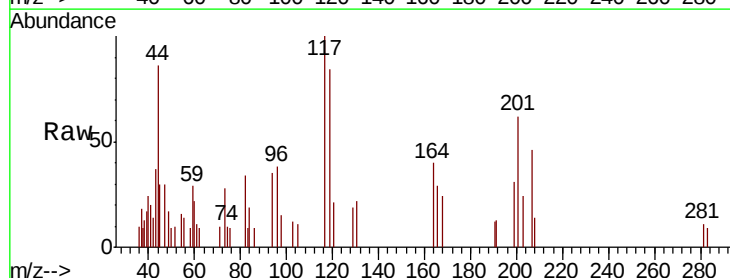
Acq: 31 Aug 2020 12:54

Tgt Ion: 117 Resp: 3082

Ion Ratio Lower Upper

117 100

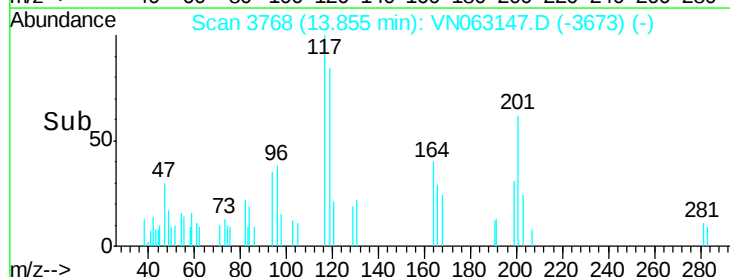
201 55.9 30.6 92.0



Abundance Ion 116.80 (116.50 to 117.50): VN063147.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063147.D (-3673) (-)

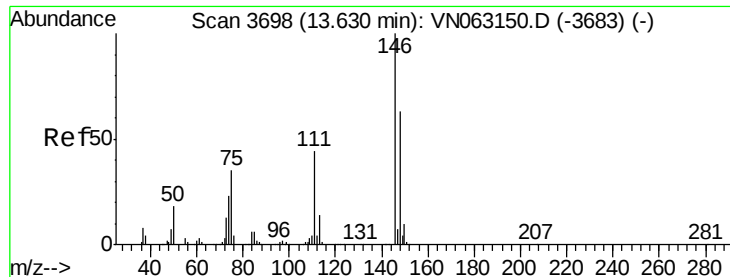
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN063147.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063147.D (-3673) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.728 ug/l

RT: 13.63 min Scan# 3699

Delta R.T. 0.00 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

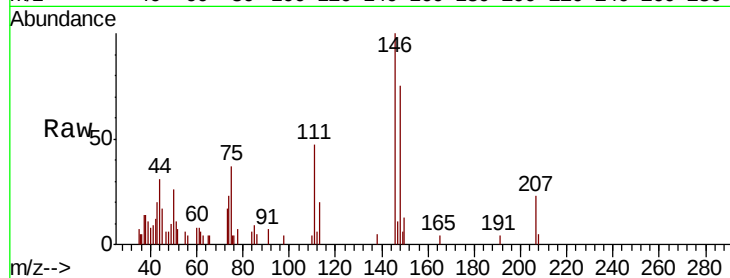
Tot Ion:146 Resp: 7018

Ion Ratio Lower Upper

146 100

111 57.7 22.0 66.0

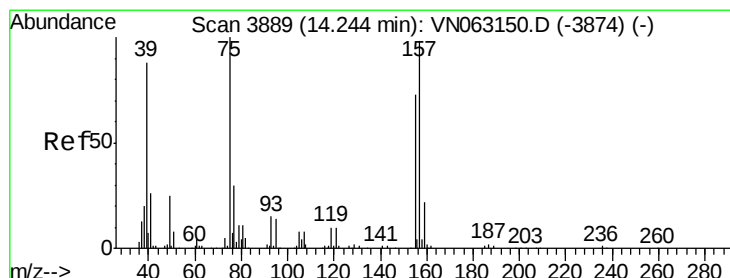
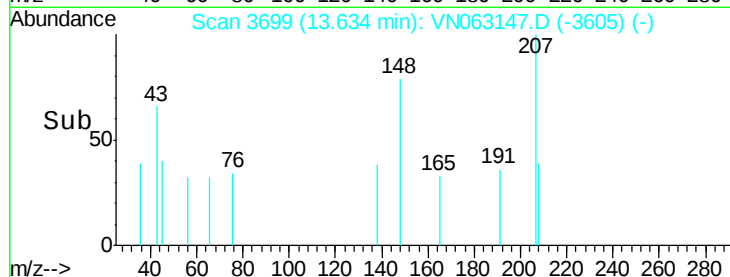
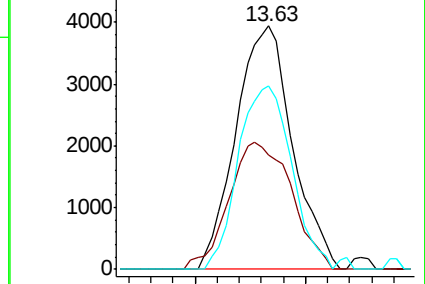
148 70.8 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.483 ug/l

RT: 14.25 min Scan# 3891

Delta R.T. 0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

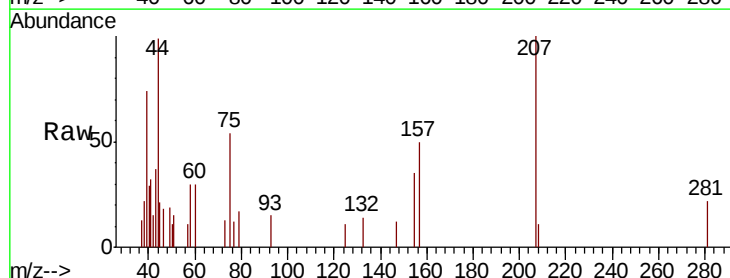
Tgt Ion: 75 Resp: 1533

Ion Ratio Lower Upper

75 100

155 47.7 36.1 108.5

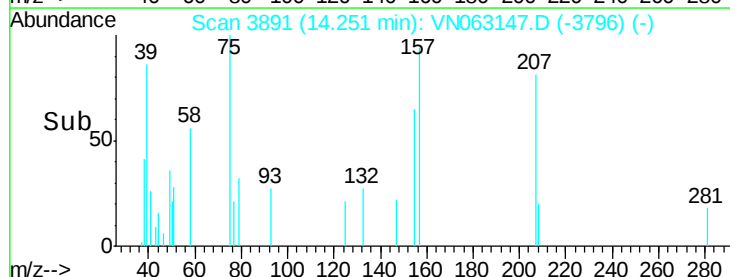
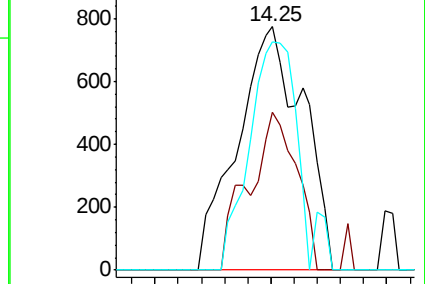
157 65.8 48.4 145.0

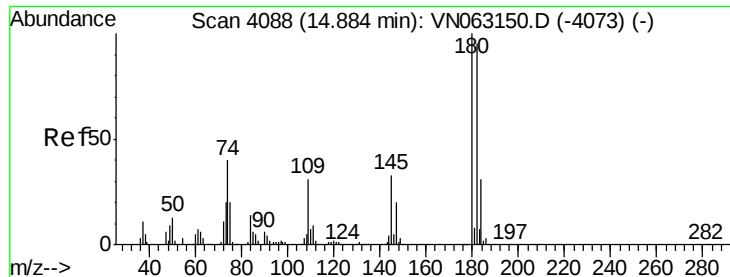


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

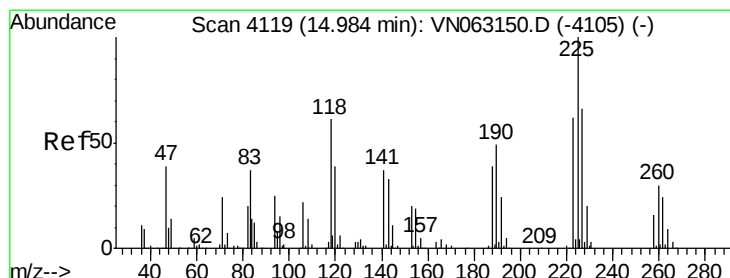
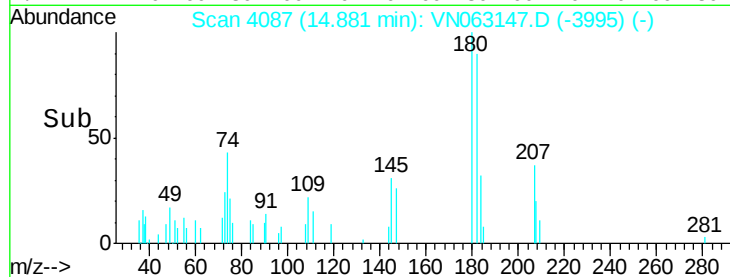
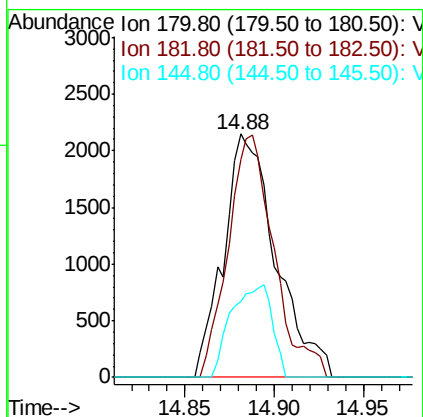
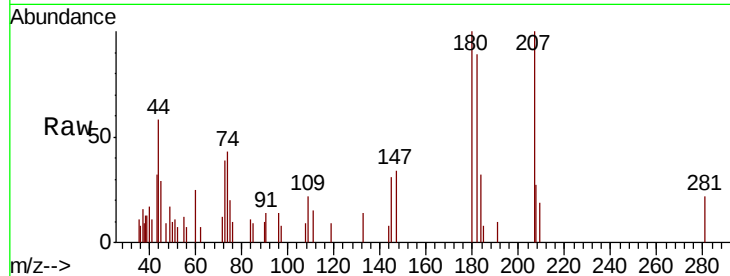




#93
 1,2,4-Trichlorobenzene
 Concen: 0.986 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

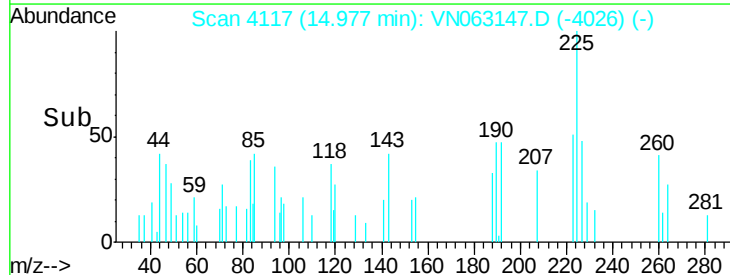
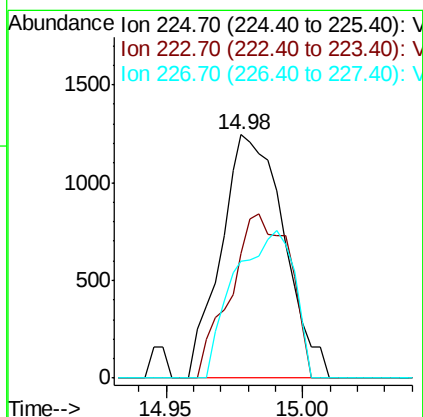
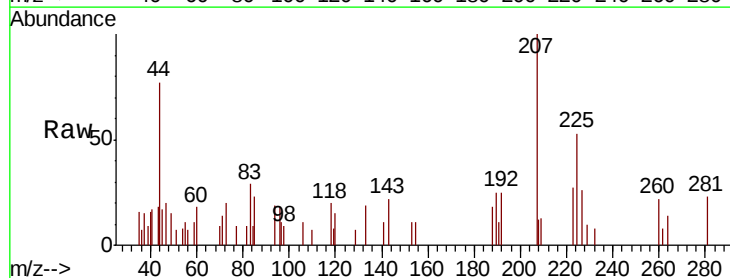
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

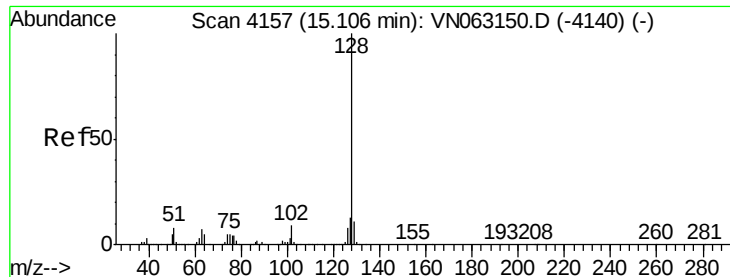
Tot Ion:180 Resp: 4401
 Ion Ratio Lower Upper
 180 100
 182 87.0 47.5 142.5
 145 29.6 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 0.662 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.01 min
 Lab File: VN063147.D
 Acq: 31 Aug 2020 12:54

Tgt Ion:225 Resp: 1989
 Ion Ratio Lower Upper
 225 100
 223 63.7 30.9 92.7
 227 57.9 32.9 98.7





#95

Naphthalene

Concen: 1.281 ug/l

RT: 15.11 min Scan# 4159

Delta R.T. 0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

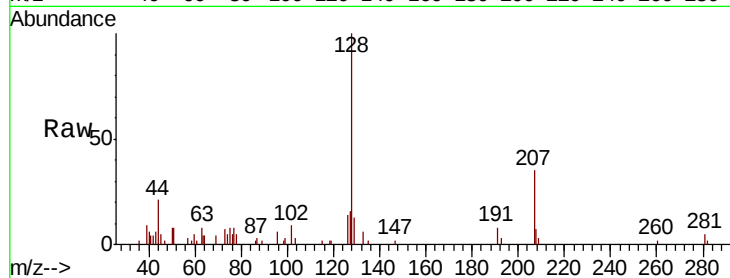
Tot Ion:128 Resp: 13930

Ion Ratio Lower Upper

128 100

127 15.2 10.5 15.7

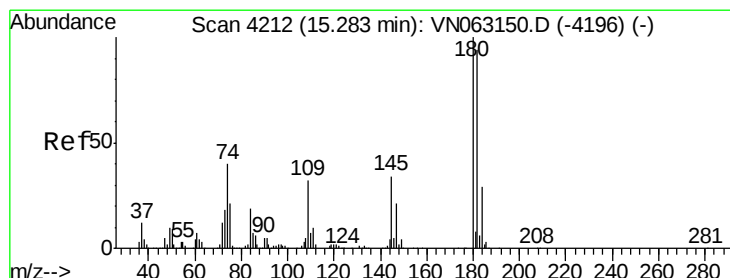
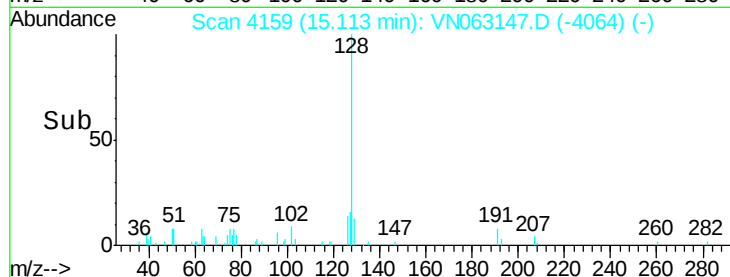
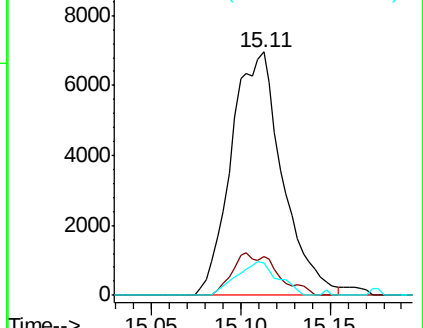
129 11.2 8.6 13.0



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: 1.055 ug/l

RT: 15.29 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN063147.D

Acq: 31 Aug 2020 12:54

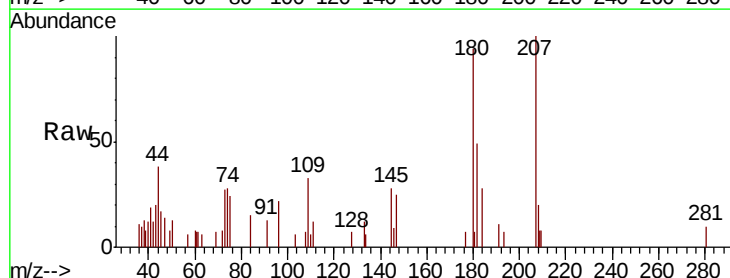
Tgt Ion:180 Resp: 4872

Ion Ratio Lower Upper

180 100

182 67.2 47.5 142.5

145 29.0 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

