

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061270.D
 Acq On : 4 May 2020 12:00
 Operator : JC/MD
 Sample : VN0504WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 05 03:41:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	118481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	200863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	186630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	87694	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	101339	54.06	ug/l	0.00
Spiked Amount			Recovery	=	108.12%	
35) Dibromofluoromethane	7.54	113	59789	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.06	98	269558	55.67	ug/l	0.00
Spiked Amount			Recovery	=	111.34%	
62) 4-Bromofluorobenzene	12.37	95	98973	54.32	ug/l	0.00
Spiked Amount			Recovery	=	108.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	25248	20.096	ug/l	100
3) Chloromethane	2.03	50	34941	22.963	ug/l	100
4) Vinyl Chloride	2.16	62	38343	22.185	ug/l	99
5) Bromomethane	2.54	94	16134	18.885	ug/l	97
6) Chloroethane	2.67	64	22767	20.783	ug/l	100
7) Trichlorofluoromethane	2.98	101	46744	23.973	ug/l	100
8) Diethyl Ether	3.37	74	18626	22.901	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	27546	21.928	ug/l	99
10) Methyl Iodide	3.91	142	29600	18.335	ug/l	99
11) Tert butyl alcohol	4.72	59	29420	117.148	ug/l	99
12) 1,1-Dichloroethene	3.69	96	25613	20.489	ug/l	96
13) Acrolein	3.56	56	13797	82.440	ug/l	96
14) Allyl chloride	4.27	41	55671	24.018	ug/l	98
15) Acrylonitrile	4.92	53	84139	109.141	ug/l	99
16) Acetone	3.77	43	76901	102.810	ug/l	98
17) Carbon Disulfide	4.00	76	62495	18.098	ug/l	100
18) Methyl Acetate	4.27	43	45408	19.606	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	100020	20.939	ug/l	100
20) Methylene Chloride	4.49	84	30965	21.182	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	28351	20.828	ug/l	99
22) Diisopropyl ether	5.90	45	116307	21.639	ug/l	99
23) Vinyl Acetate	5.83	43	456938	105.583	ug/l	100
24) 1,1-Dichloroethane	5.79	63	59468	21.176	ug/l	99
25) 2-Butanone	6.78	43	118607	106.917	ug/l	100
26) 2,2-Dichloropropane	6.77	77	52165	22.053	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	32709	20.476	ug/l	99
28) Bromochloromethane	7.15	49	31711	23.824	ug/l	97
29) Tetrahydrofuran	7.16	42	79103	105.855	ug/l	99
30) Chloroform	7.32	83	58128	20.425	ug/l	99
31) Cyclohexane	7.61	56	52658	19.308	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	50096	20.215	ug/l	99
36) 1,1-Dichloropropene	7.75	75	42642	21.207	ug/l	99
37) Ethyl Acetate	6.88	43	50613	21.471	ug/l	100
38) Carbon Tetrachloride	7.73	117	37034	21.550	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	46280	20.524	ug/l	97
40) Benzene	8.00	78	126319	21.087	ug/l	99
41) Methacrylonitrile	7.16	41	74012	75.621	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	48898	21.547	ug/l	98
43) Isopropyl Acetate	8.12	43	81903	20.936	ug/l	100
44) Trichloroethene	8.80	130	31550	19.483	ug/l	99
45) 1,2-Dichloropropane	9.08	63	34111	21.314	ug/l	98
46) Dibromomethane	9.17	93	20889	21.080	ug/l	98
47) Bromodichloromethane	9.36	83	45239	21.270	ug/l	99
48) Methyl methacrylate	9.17	41	36407	20.623	ug/l	98
49) 1,4-Dioxane	9.16	88	10375	517.743	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	250406	108.743	ug/l	99
52) Toluene	10.12	92	76511	21.205	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	50264	20.973	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	52830	20.851	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	30290	21.046	ug/l	97
56) Ethyl methacrylate	10.40	69	45843	20.009	ug/l	98
57) 1,3-Dichloropropane	10.68	76	53691	21.223	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	112865	96.882	ug/l	100
59) 2-Hexanone	10.72	43	179794	107.321	ug/l	99
60) Dibromochloromethane	10.87	129	31197	20.696	ug/l	98
61) 1,2-Dibromoethane	10.98	107	29486	20.441	ug/l	99
64) Tetrachloroethene	10.60	164	31842	19.699	ug/l	96
65) Chlorobenzene	11.41	112	77522	20.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	28354	21.399	ug/l	100
67) Ethyl Benzene	11.48	91	144258	20.816	ug/l	100
68) m/p-Xylenes	11.59	106	106647	42.042	ug/l	99
69) o-Xylene	11.92	106	49987	20.514	ug/l	99
70) Styrene	11.94	104	83656	20.513	ug/l	99
71) Bromoform	12.10	173	20257	20.802	ug/l #	98
73) Isopropylbenzene	12.22	105	136876	21.232	ug/l	100
74) N-amyl acetate	12.04	43	68101	20.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	44468	22.121	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	60184	32.553	ug/l #	100
77) Bromobenzene	12.50	156	31721	21.315	ug/l	97
78) n-propylbenzene	12.56	91	165155	21.598	ug/l	100
79) 2-Chlorotoluene	12.65	91	96809	21.539	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	115067	21.565	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	15430	21.194	ug/l	99
82) 4-Chlorotoluene	12.75	91	102823	21.706	ug/l	99
83) tert-Butylbenzene	12.97	119	95513	21.229	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	116889	21.263	ug/l	100
85) sec-Butylbenzene	13.15	105	131908	21.504	ug/l	100
86) p-Isopropyltoluene	13.26	119	118836	21.502	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	58597	21.388	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	58381	20.856	ug/l	98
89) n-Butylbenzene	13.59	91	107285	21.175	ug/l	99
90) Hexachloroethane	13.85	117	12568	26.103	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	55912	21.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8763	20.640	ug/l	98

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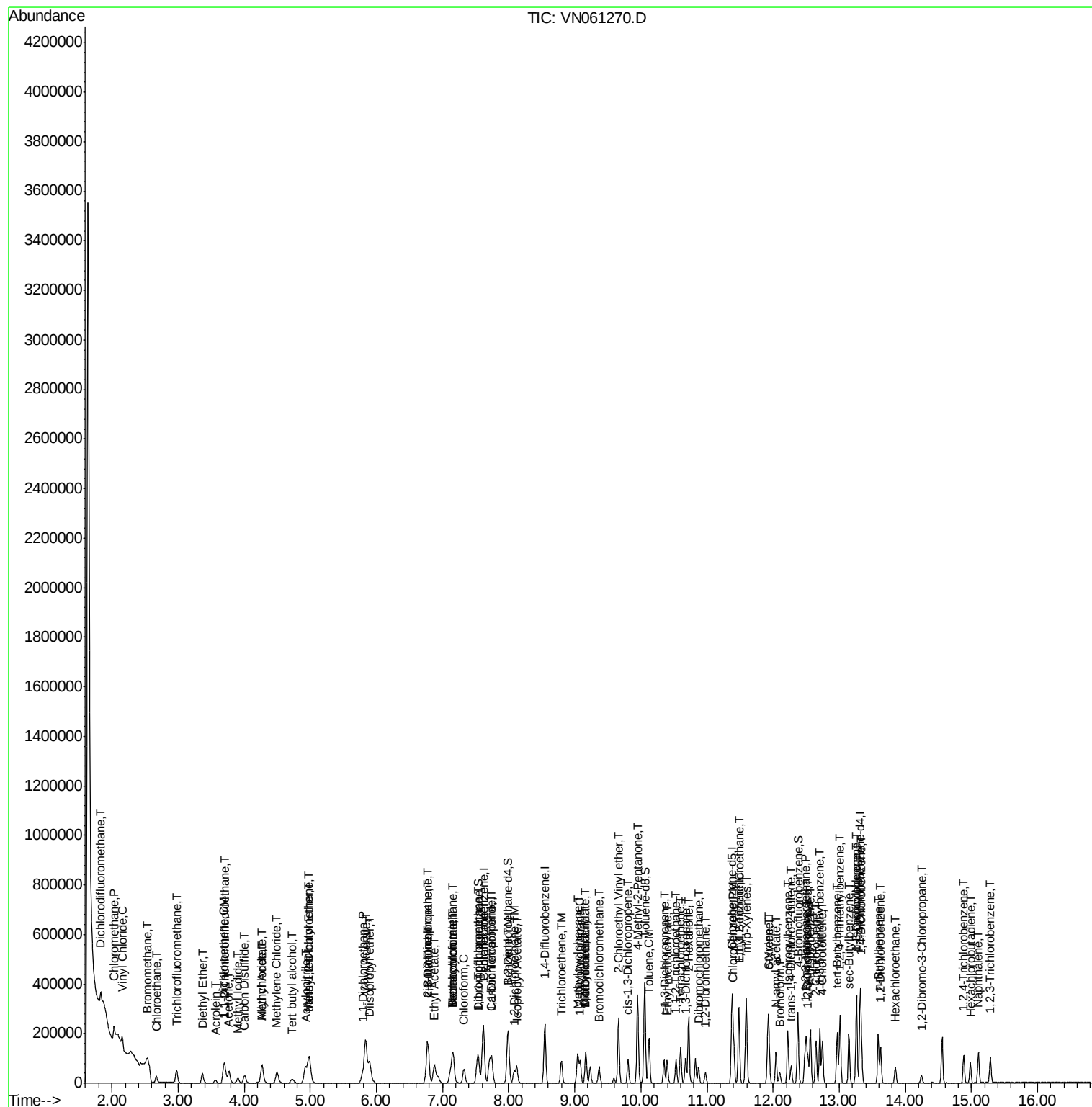
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	32625	20.395	ug/l	100
94) Hexachlorobutadiene	14.99	225	15221	22.776	ug/l	97
95) Naphthalene	15.11	128	98456	18.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	32191	20.383	ug/l	99

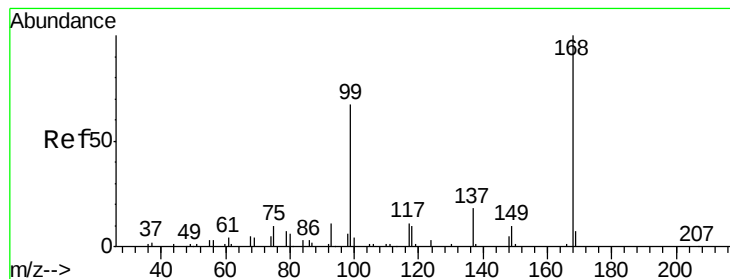
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

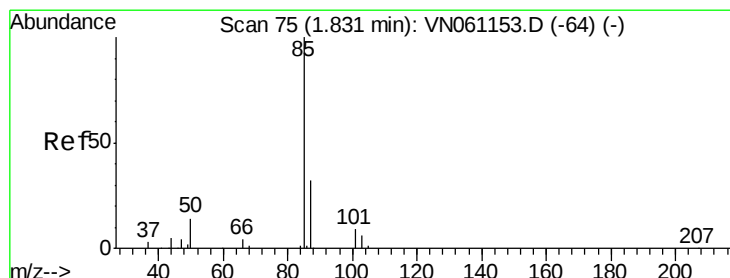
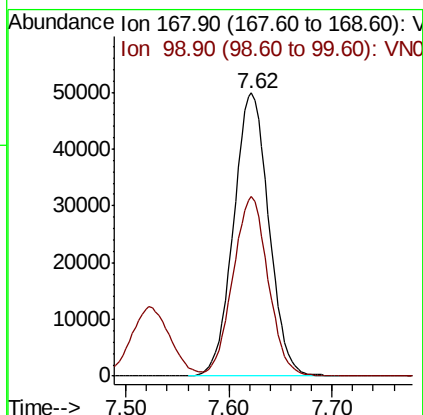
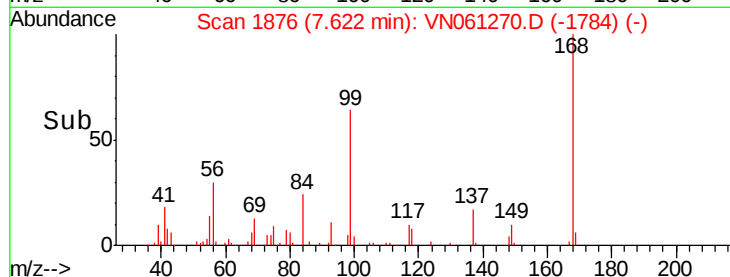
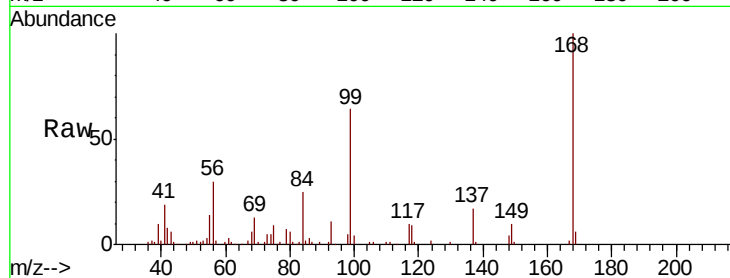
ClientSampleId :

Tot Ion:168 Resp: 118481

Ion Ratio Lower Upper

168 100

99 63.6 51.2 76.8



#2

Dichlorodifluoromethane

Concen: 20.096 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061270.D

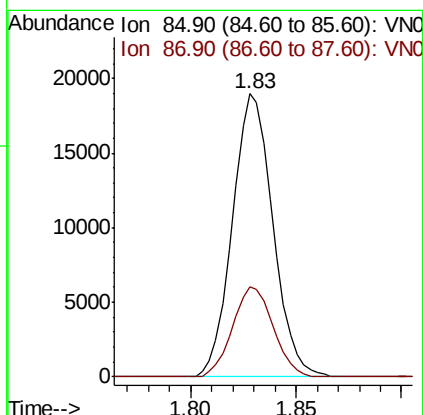
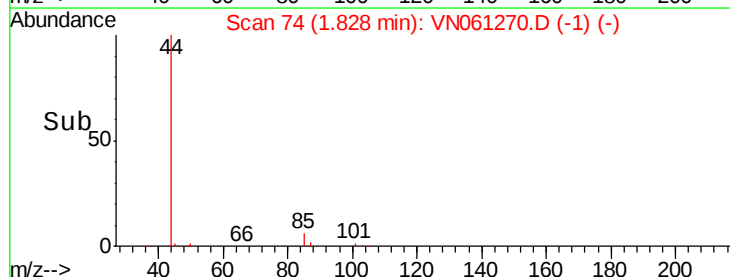
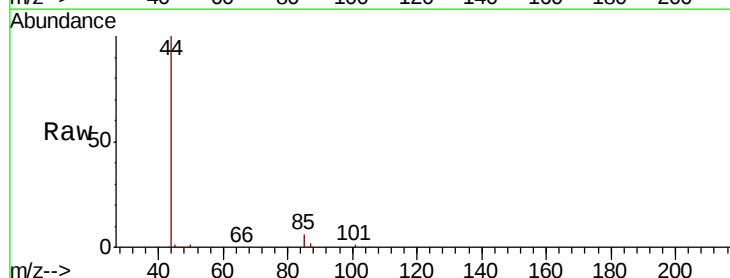
Acq: 4 May 2020 12:00

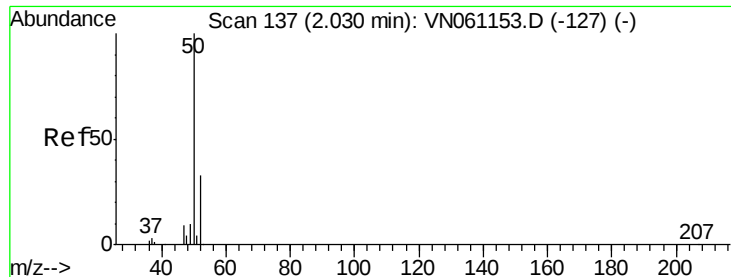
Tgt Ion: 85 Resp: 25248

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2





#3

Chloromethane

Concen: 22.963 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

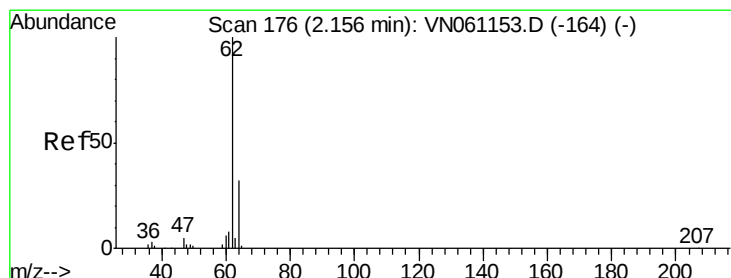
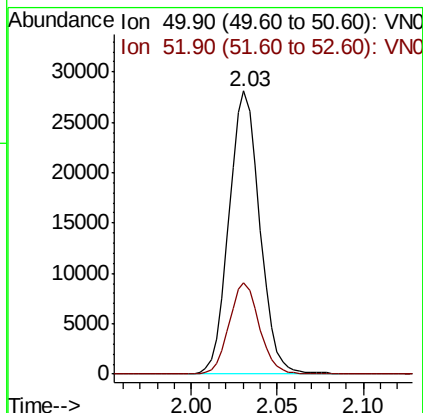
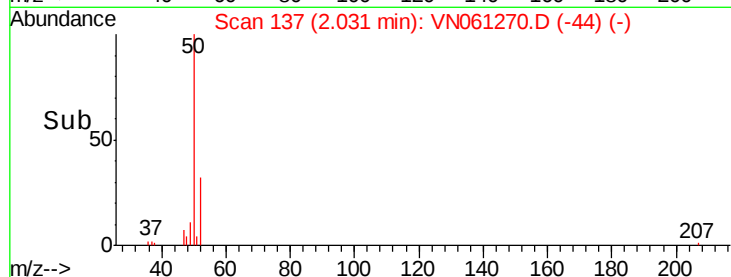
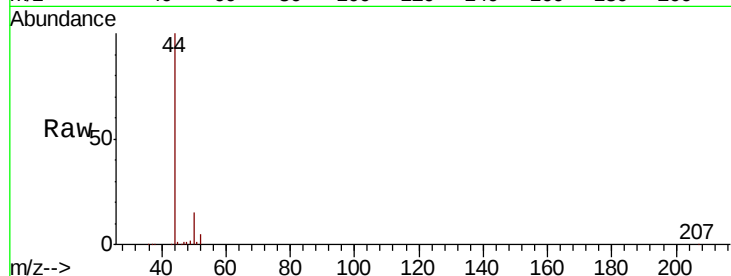
ClientSampled :

Tot Ion: 50 Resp: 34941

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 22.185 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061270.D

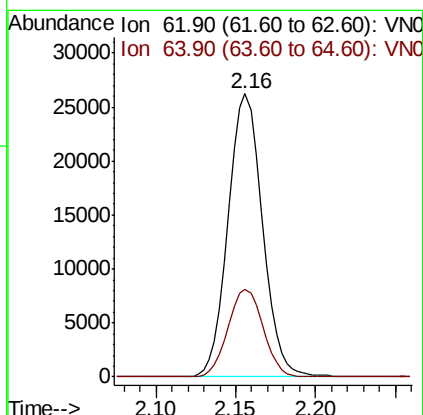
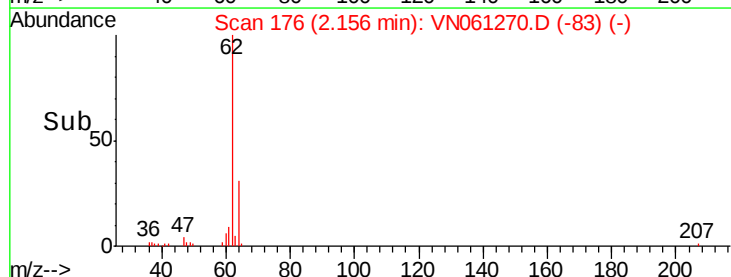
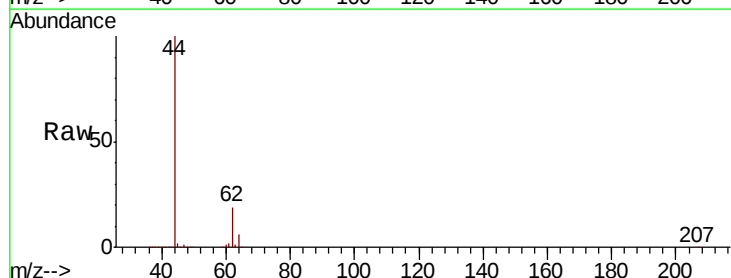
Acq: 4 May 2020 12:00

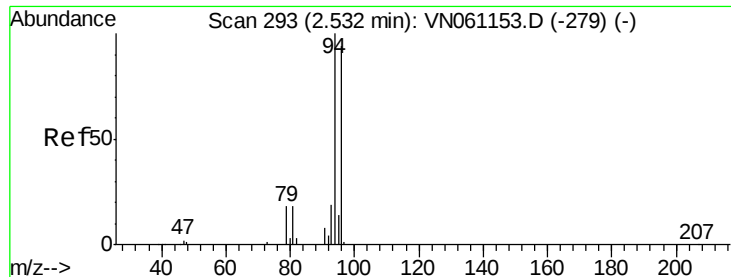
Tgt Ion: 62 Resp: 38343

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 18.885 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

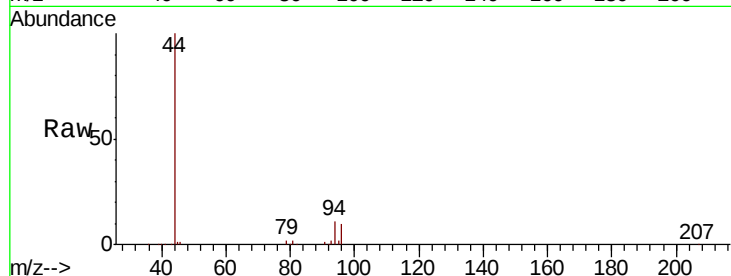
ClientSampled :

Tot Ion: 94 Resp: 16134

Ion Ratio Lower Upper

94 100

96 96.6 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN061270.D (-200) (-)

Ion 95.90 (95.60 to 96.60): VN061270.D (-200) (-)

2.54

8000

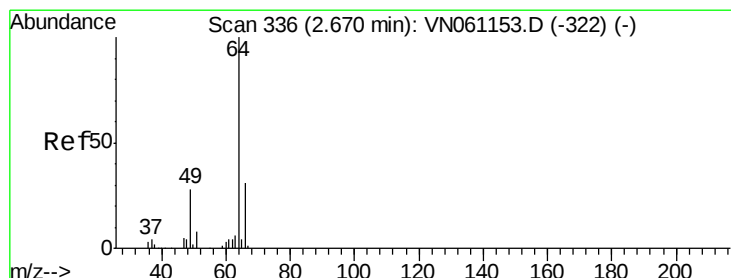
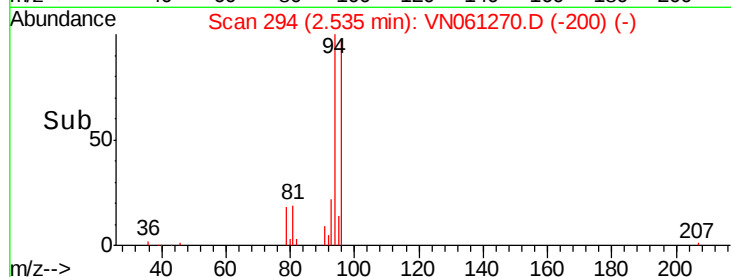
6000

4000

2000

0

Time--> 2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 20.783 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061270.D

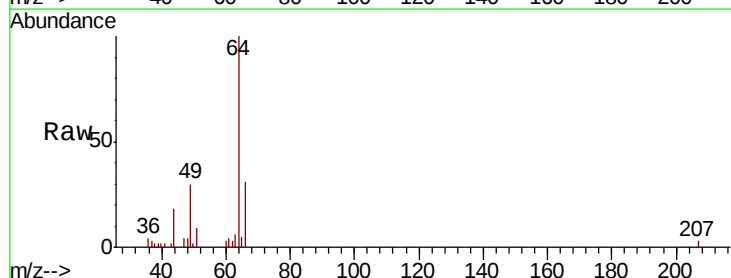
Acq: 4 May 2020 12:00

Tgt Ion: 64 Resp: 22767

Ion Ratio Lower Upper

64 100

66 30.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN061270.D (-243) (-)

Ion 65.90 (65.60 to 66.60): VN061270.D (-243) (-)

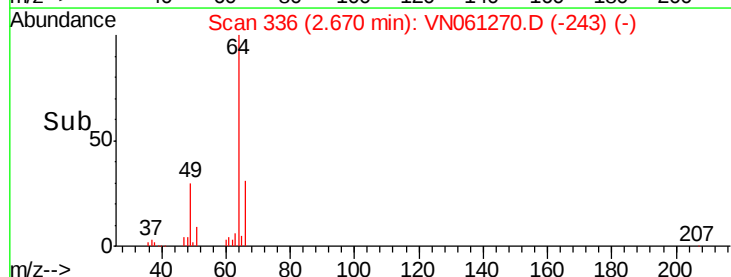
2.67

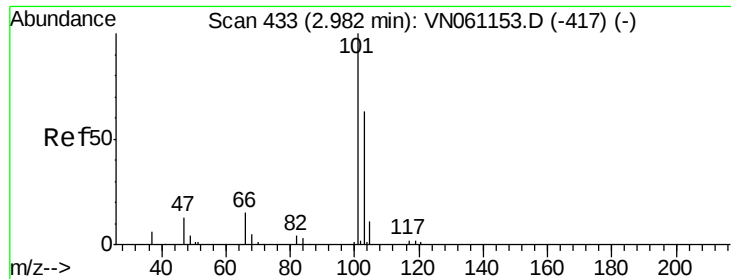
10000

5000

0

Time--> 2.60 2.65 2.70 2.75



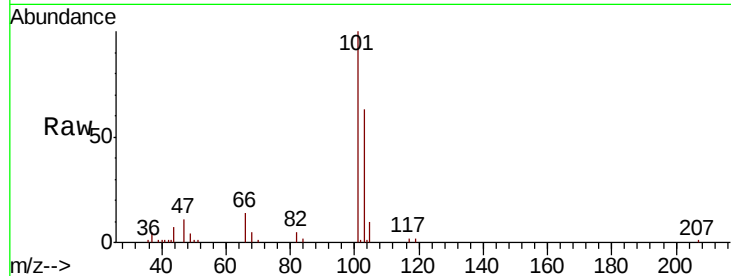


#7

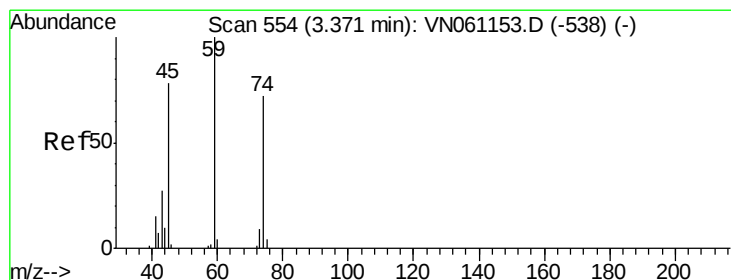
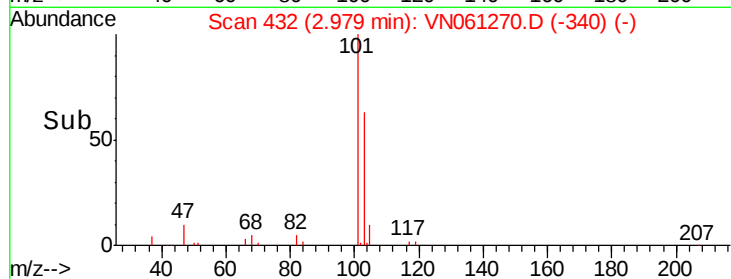
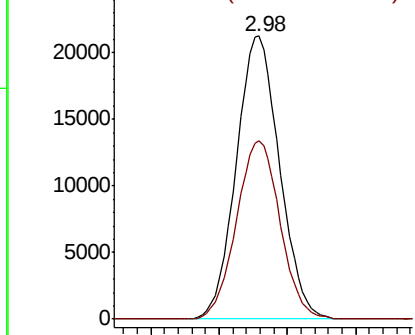
Trichlorofluoromethane
 Concen: 23.973 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 46744
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.6 76.0



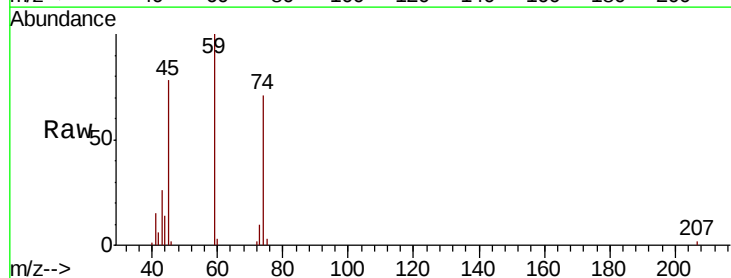
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



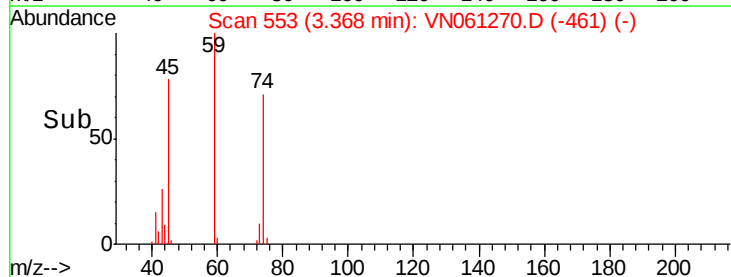
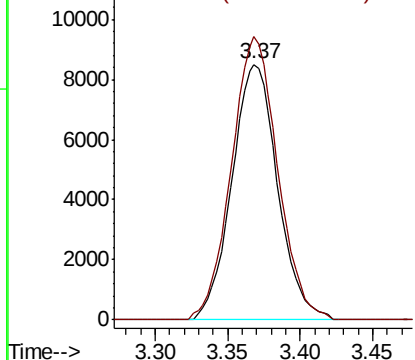
#8

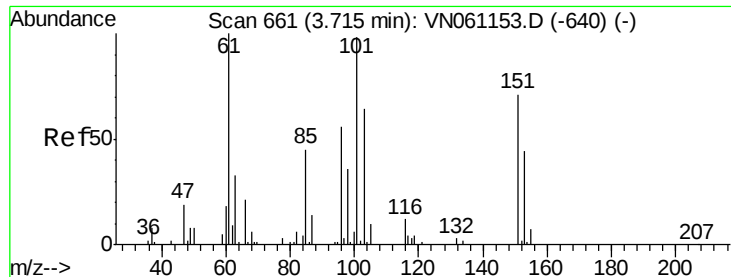
Diethyl Ether
 Concen: 22.901 ug/l
 RT: 3.37 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: VN061270.D
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Tgt Ion: 74 Resp: 18626
 Ion Ratio Lower Upper
 74 100
 45 112.0 53.3 160.0



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.928 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

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ClientSampled :

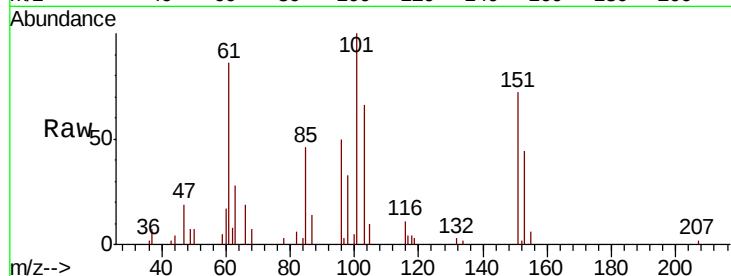
Tot Ion:101 Resp: 27546

Ion Ratio Lower Upper

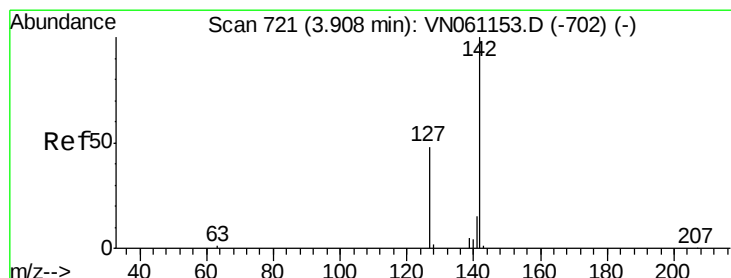
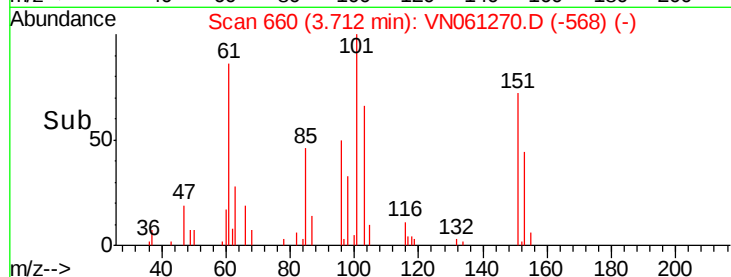
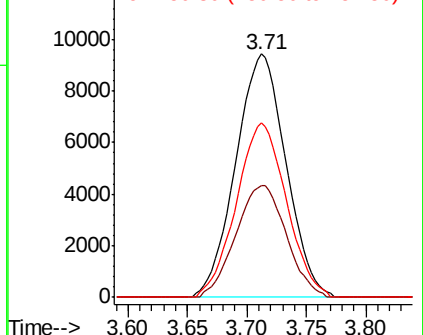
101 100

85 46.1 37.2 55.8

151 71.5 57.7 86.5



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: 18.335 ug/l

RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

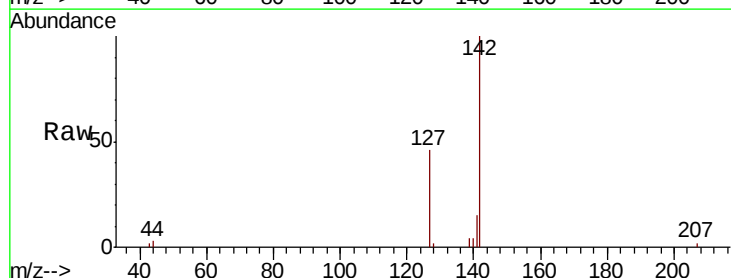
Tgt Ion:142 Resp: 29600

Ion Ratio Lower Upper

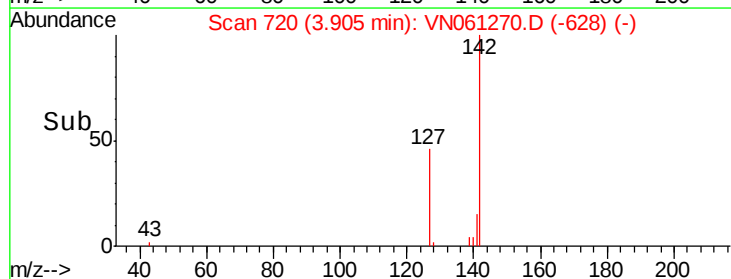
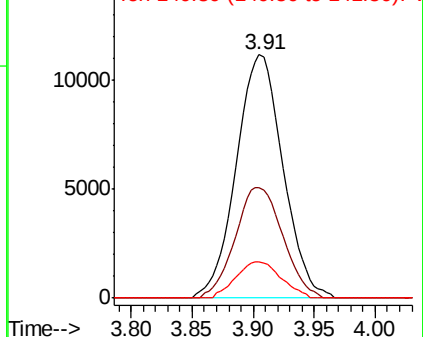
142 100

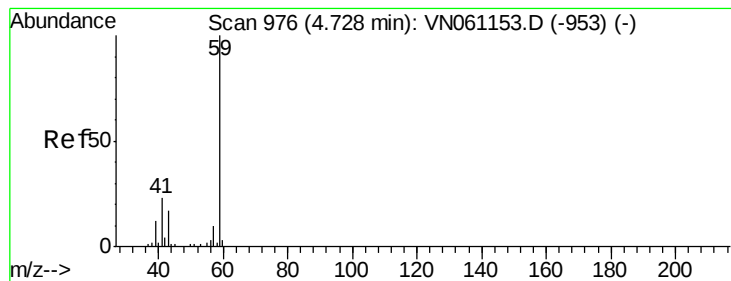
127 46.4 38.0 57.0

141 14.5 11.7 17.5



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



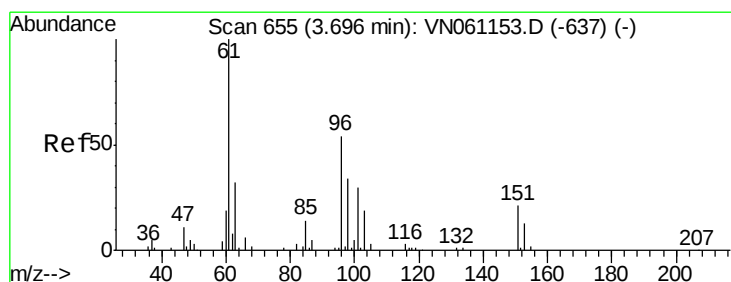
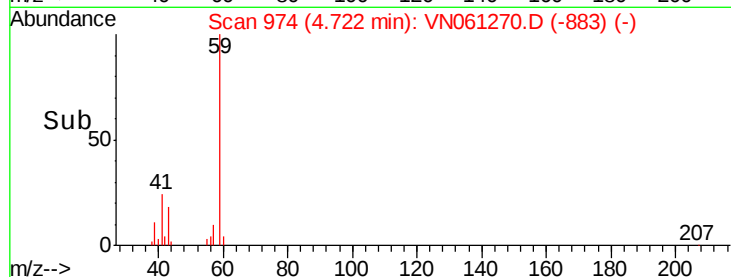
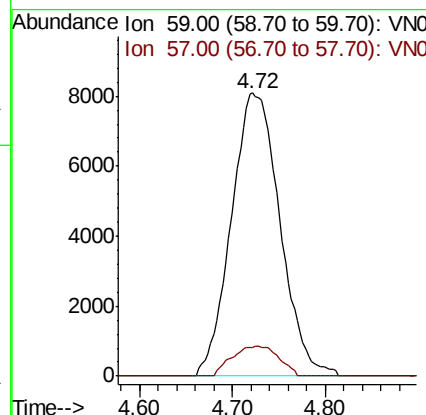
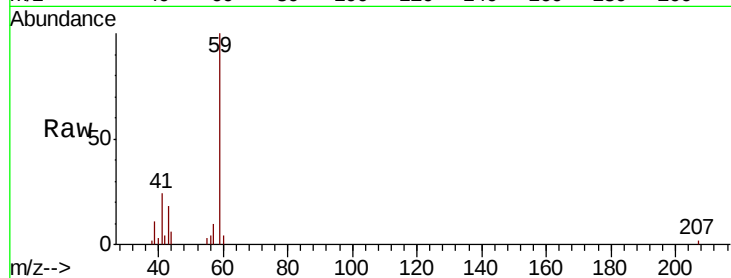


#11

Tert butyl alcohol
Concen: 117.148 ug/l
RT: 4.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :

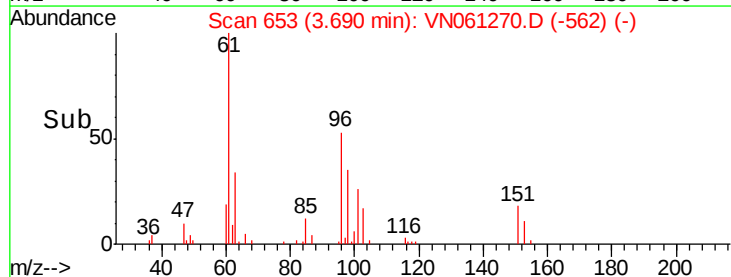
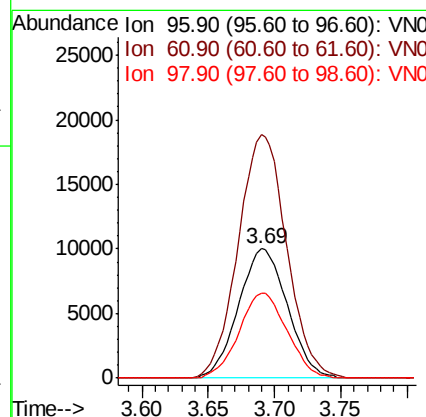
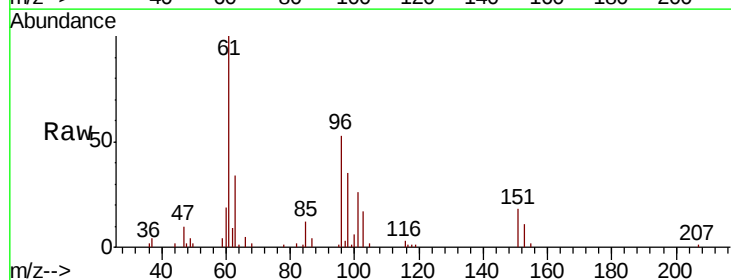
Tot Ion: 59 Resp: 29420
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

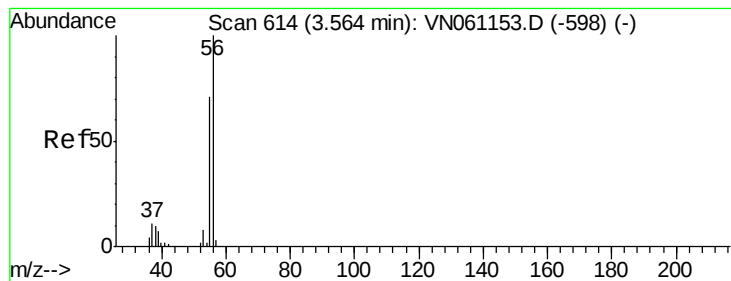


#12

1,1-Dichloroethene
Concen: 20.489 ug/l
RT: 3.69 min Scan# 653
Delta R.T. -0.01 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion: 96 Resp: 25613
Ion Ratio Lower Upper
96 100
61 188.7 147.0 220.6
98 65.3 49.8 74.6





#13

Acrolein

Concen: 82.440 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

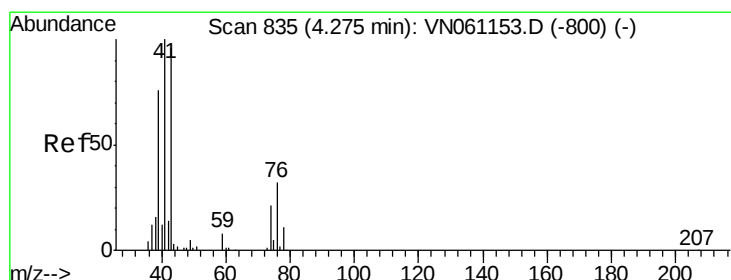
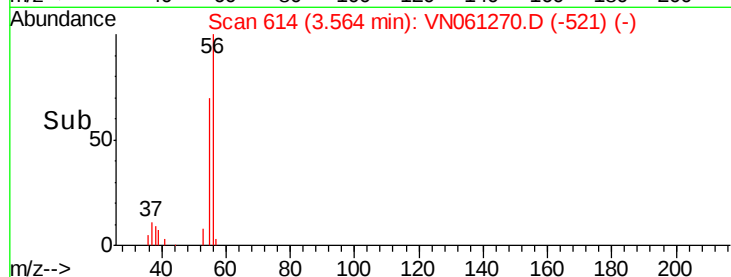
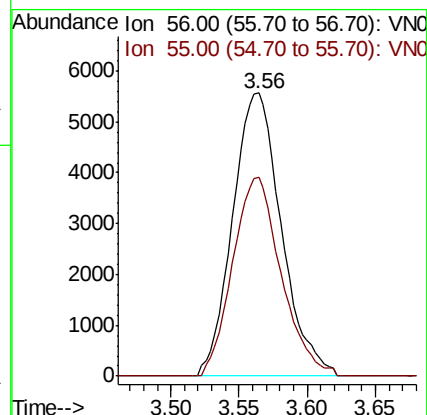
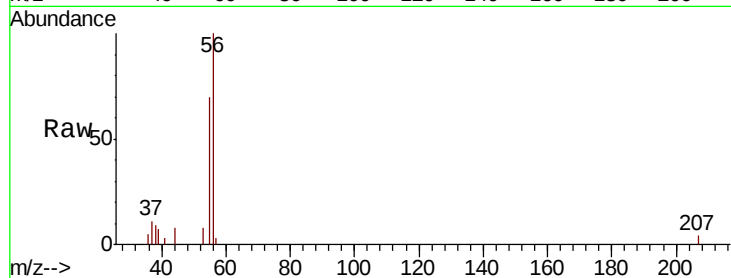
ClientSampleId :

Tot Ion: 56 Resp: 13797

Ion Ratio Lower Upper

56 100

55 69.9 58.5 87.7



#14

Allyl chloride

Concen: 24.018 ug/l

RT: 4.27 min Scan# 833

Delta R.T. -0.01 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

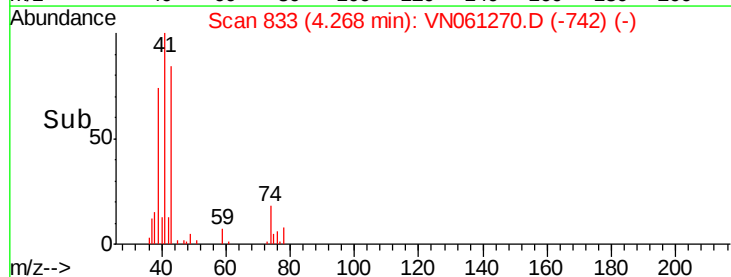
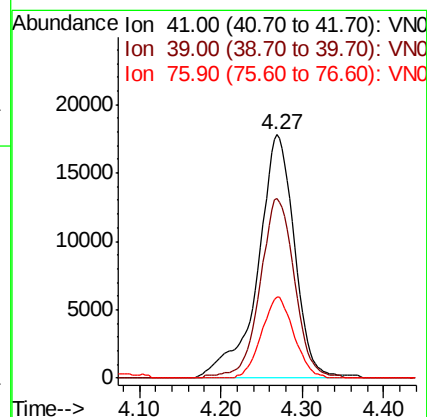
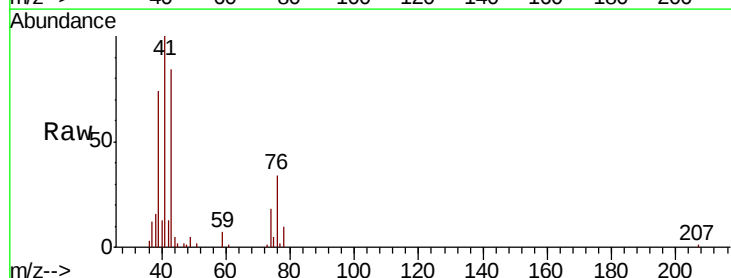
Tgt Ion: 41 Resp: 55671

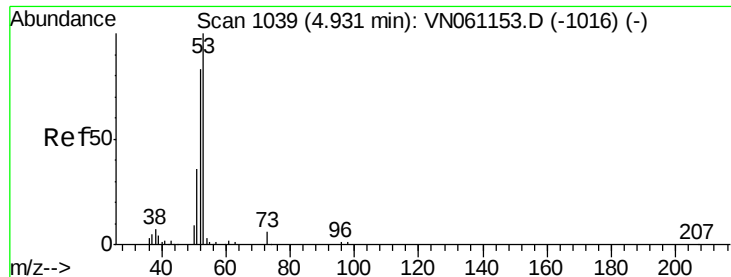
Ion Ratio Lower Upper

41 100

39 69.6 57.1 85.7

76 29.3 24.3 36.5





#15

Acrylonitrile

Concen: 109.141 ug/l

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

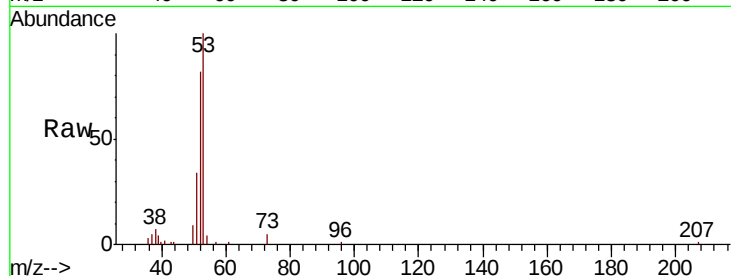
Tot Ion: 53 Resp: 84139

Ion Ratio Lower Upper

53 100

52 82.6 65.4 98.0

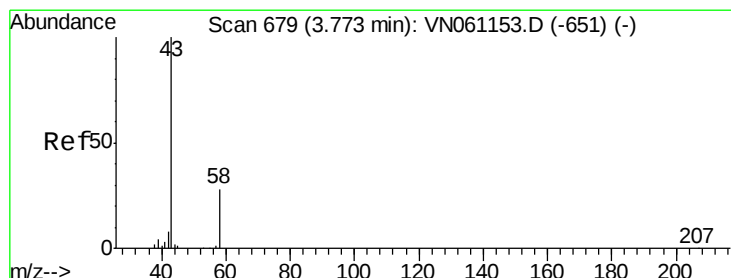
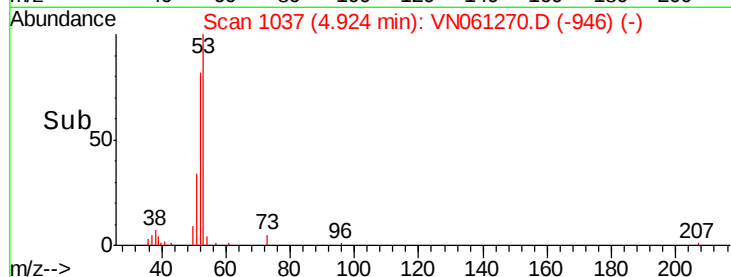
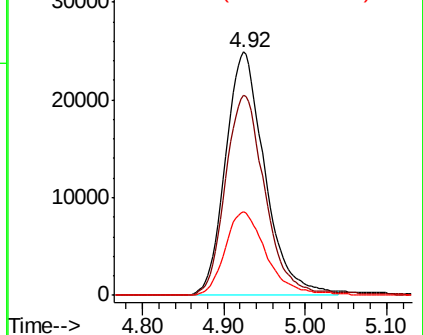
51 36.1 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061153.D (-1016) (-)

Ion 52.00 (51.70 to 52.70): VN061153.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): VN061153.D (-1016) (-)



#16

Acetone

Concen: 102.810 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061270.D

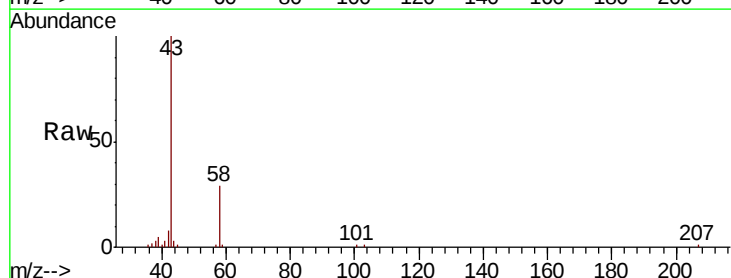
Acq: 4 May 2020 12:00

Tgt Ion: 43 Resp: 76901

Ion Ratio Lower Upper

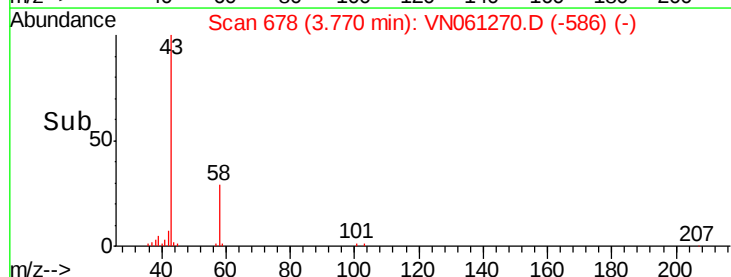
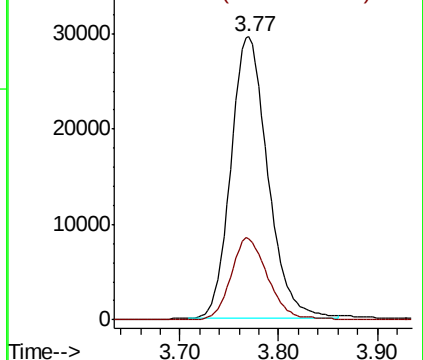
43 100

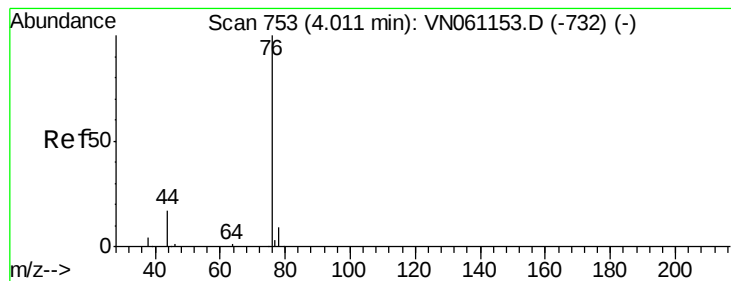
58 28.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-651) (-)





#17

Carbon Disulfide

Concen: 18.098 ug/l

RT: 4.00 min Scan# 751

Delta R.T. -0.01 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

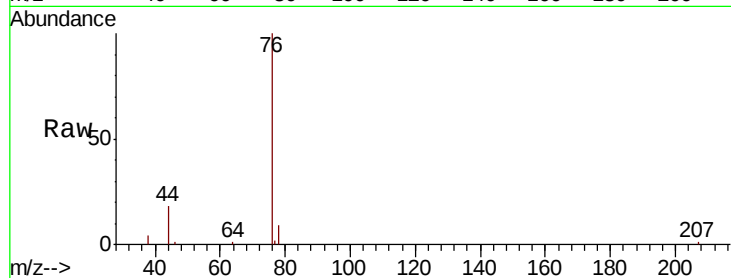
ClientSampled :

Tot Ion: 76 Resp: 62495

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-732) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-732) (-)

4.00

25000

20000

15000

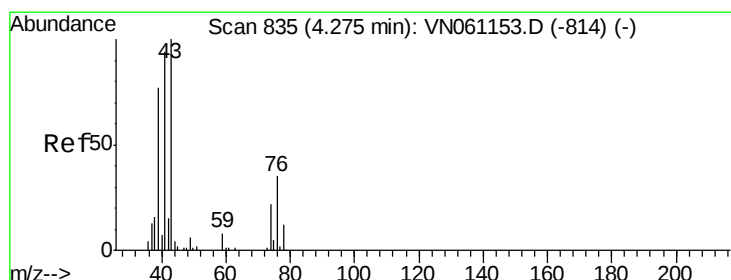
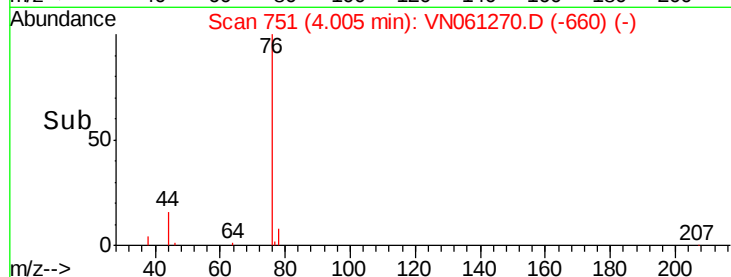
10000

5000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 19.606 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061270.D

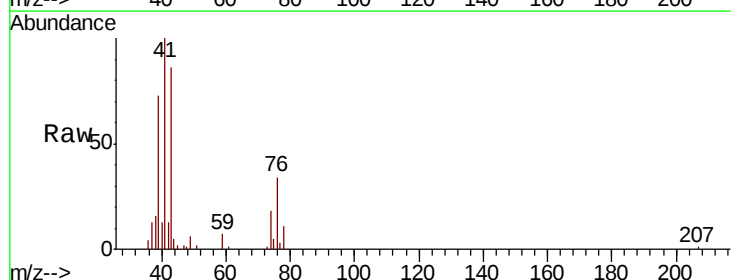
Acq: 4 May 2020 12:00

Tgt Ion: 43 Resp: 45408

Ion Ratio Lower Upper

43 100

74 20.1 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)

4.27

15000

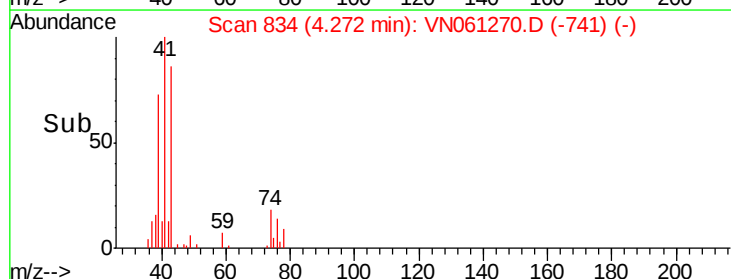
10000

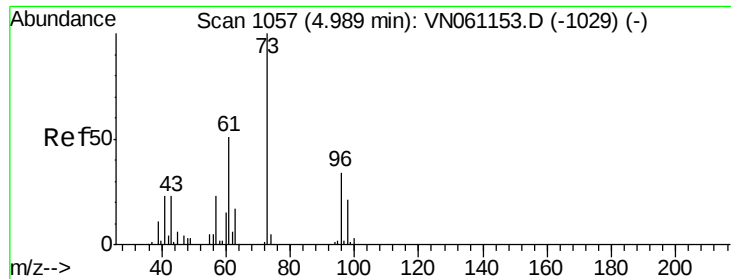
5000

0

Time-->

4.20 4.30 4.40

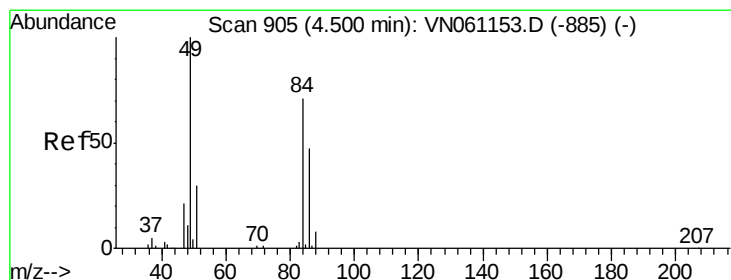
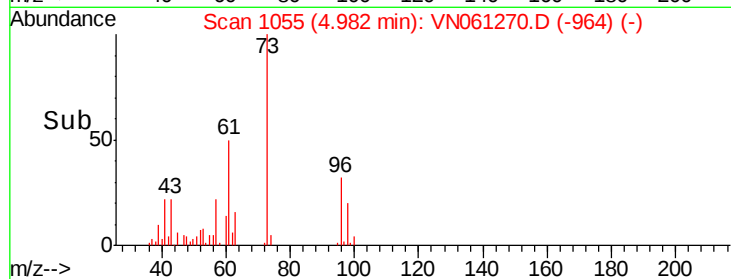
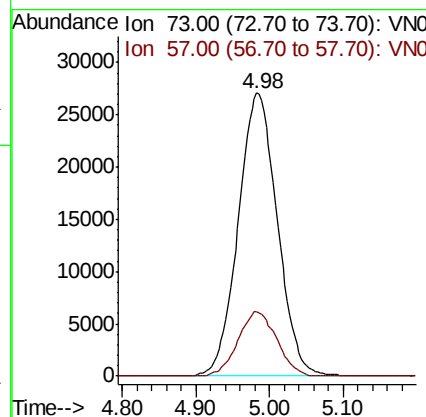
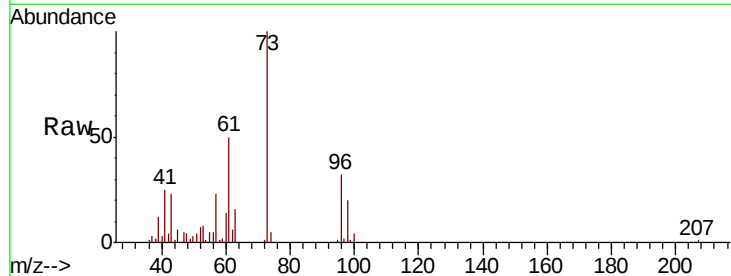




#19
Methvl tert-butvl Ether
Concen: 20.939 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

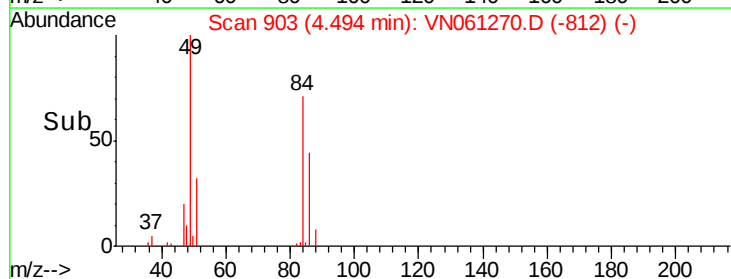
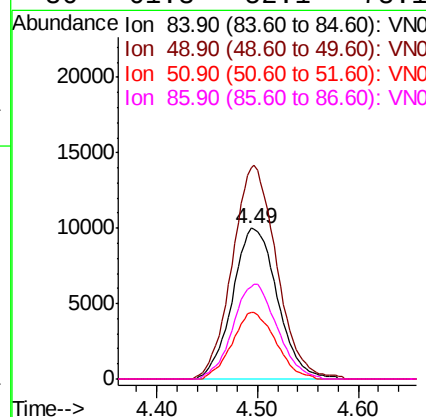
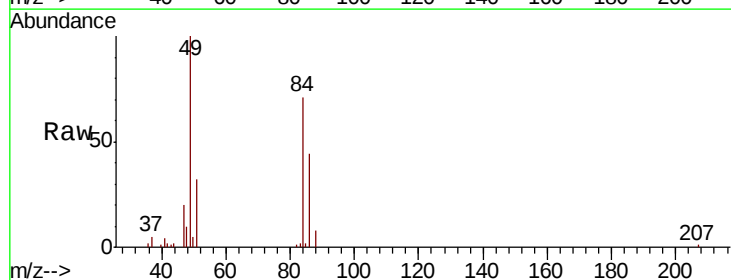
Instrument :
MSVOA_N
ClientSampleId :

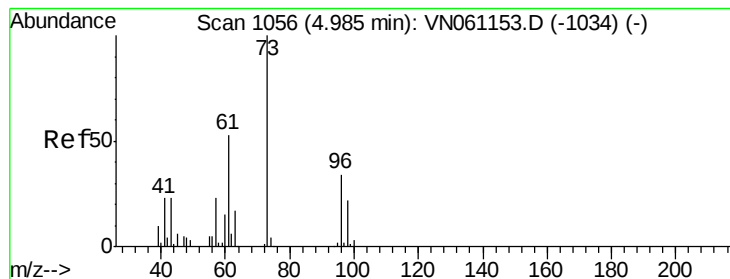
Tot Ion: 73 Resp: 100020
Ion Ratio Lower Upper
73 100
57 23.0 18.3 27.5



#20
Methylene Chloride
Concen: 21.182 ug/l
RT: 4.49 min Scan# 903
Delta R.T. -0.01 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion: 84 Resp: 30965
Ion Ratio Lower Upper
84 100
49 140.6 112.0 168.0
51 44.3 33.6 50.4
86 61.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.828 ug/l

RT: 4.98 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

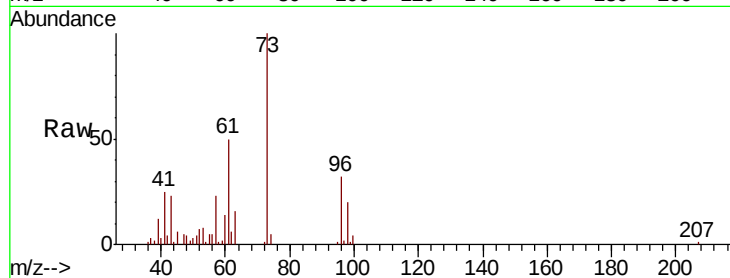
Tot Ion: 96 Resp: 28351

Ion Ratio Lower Upper

96 100

61 155.2 123.0 184.4

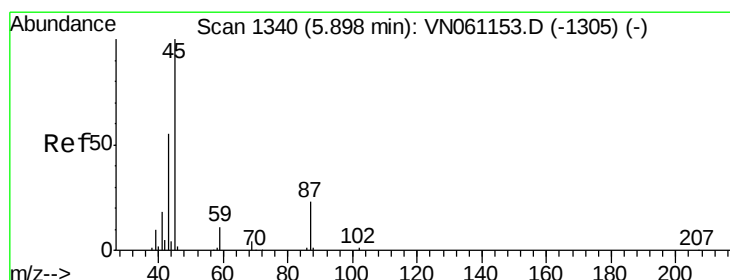
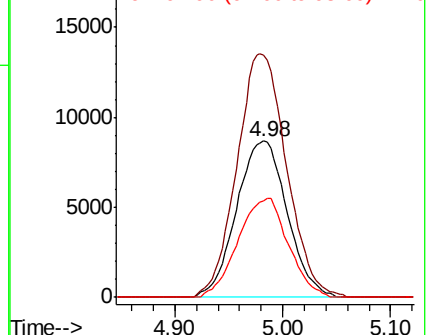
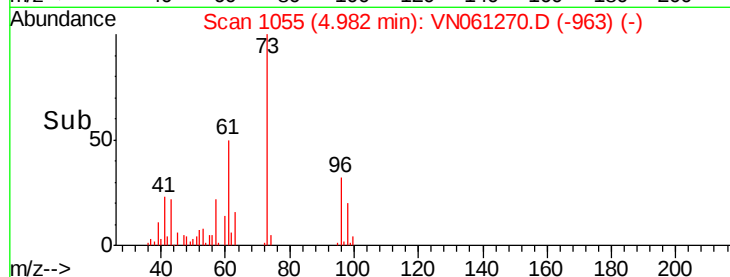
98 62.1 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VN061270.D (-963) (-)

Ion 60.90 (60.60 to 61.60): VN061270.D (-963) (-)

Ion 97.90 (97.60 to 98.60): VN061270.D (-963) (-)



#22

Diisopropyl ether

Concen: 21.639 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion: 45 Resp: 116307

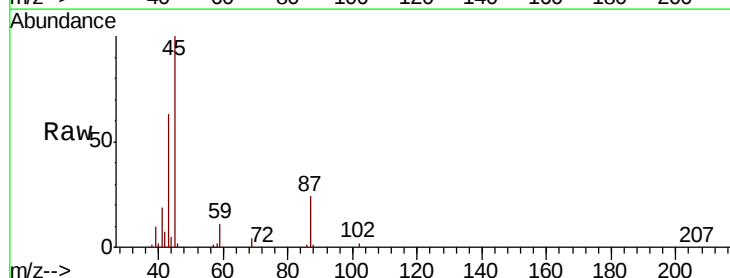
Ion Ratio Lower Upper

45 100

43 61.5 47.9 71.9

87 23.7 19.2 28.8

59 11.1 9.0 13.4

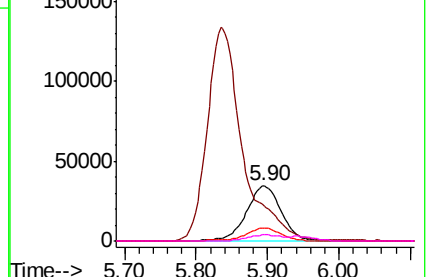
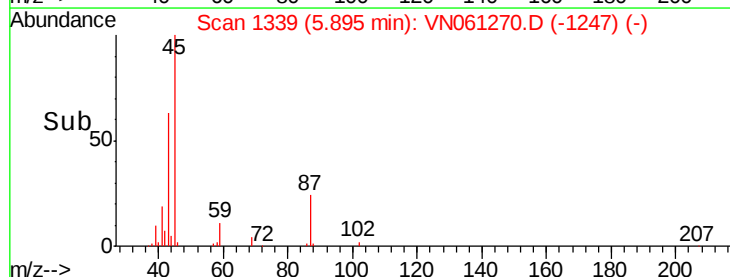


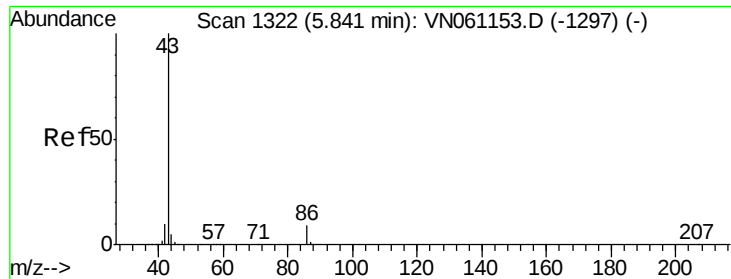
Abundance Ion 45.00 (44.70 to 45.70): VN061270.D (-1247) (-)

Ion 43.00 (42.70 to 43.70): VN061270.D (-1247) (-)

Ion 87.00 (86.70 to 87.70): VN061270.D (-1247) (-)

Ion 59.00 (58.70 to 59.70): VN061270.D (-1247) (-)

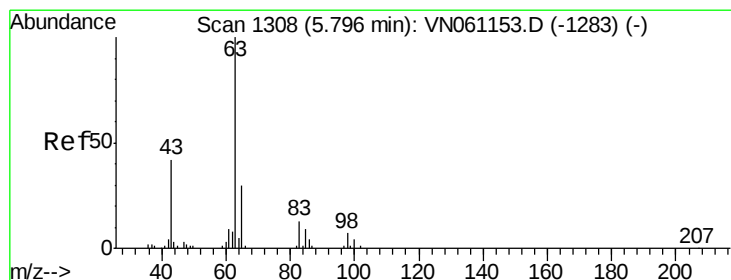
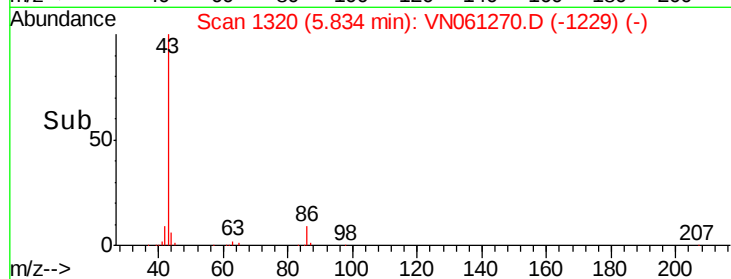
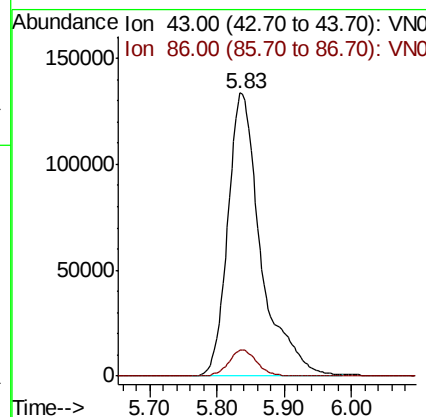
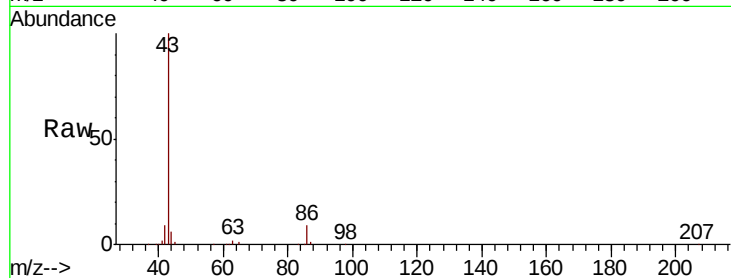




#23
 Vinyl Acetate
 Concen: 105.583 ug/l
 RT: 5.83 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

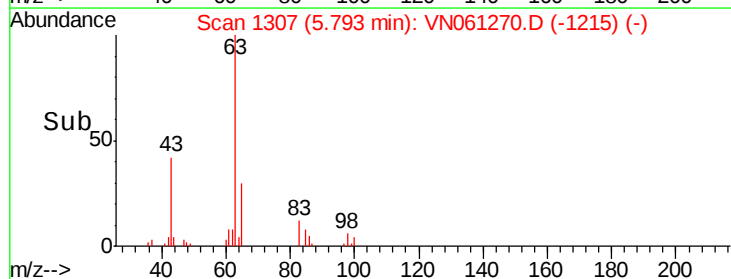
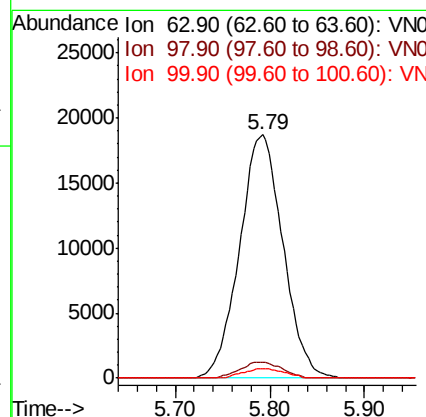
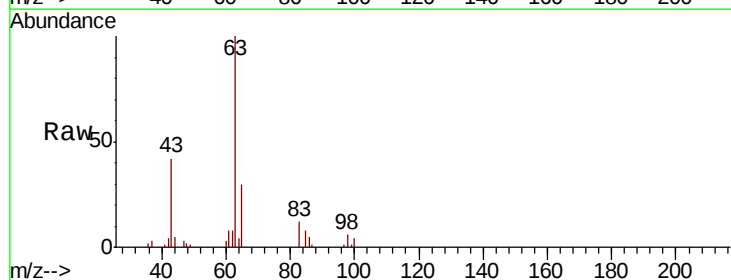
Instrument :
 MSVOA_N
 ClientSampled :

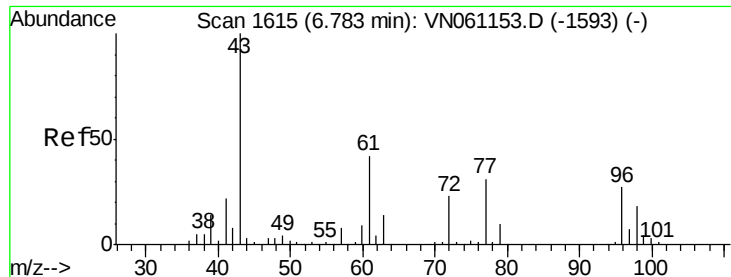
Tot Ion: 43 Resp: 456938
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 21.176 ug/l
 RT: 5.79 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion: 63 Resp: 59468
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.1 1.9 5.7

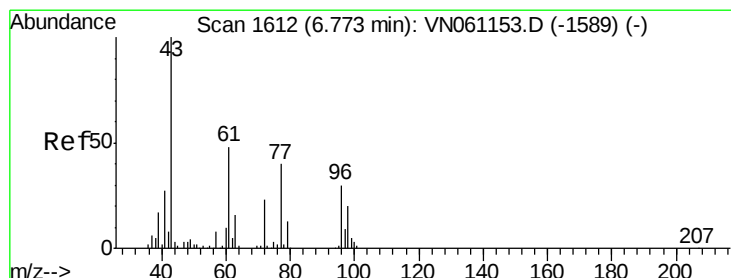
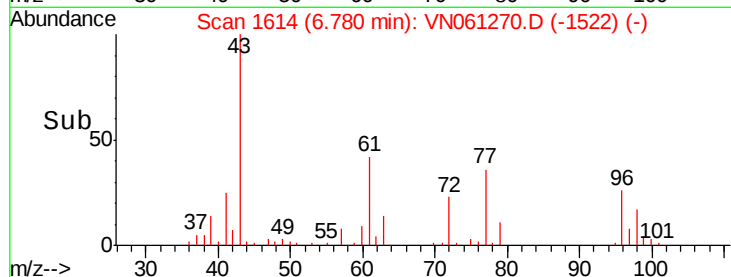
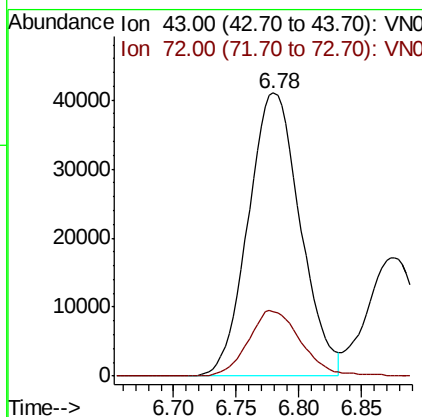
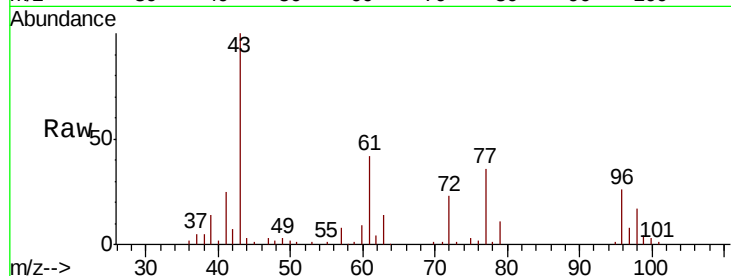




#25
2-Butanone
Concen: 106.917 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

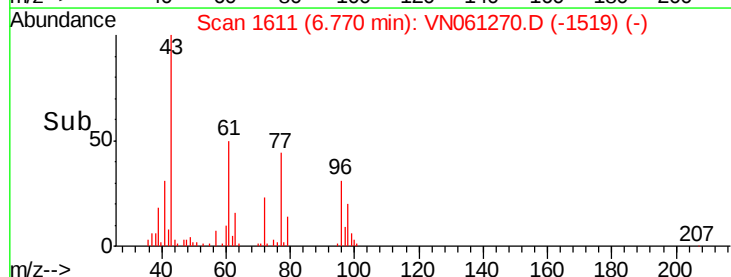
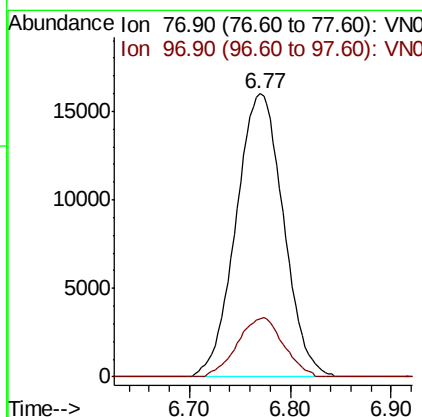
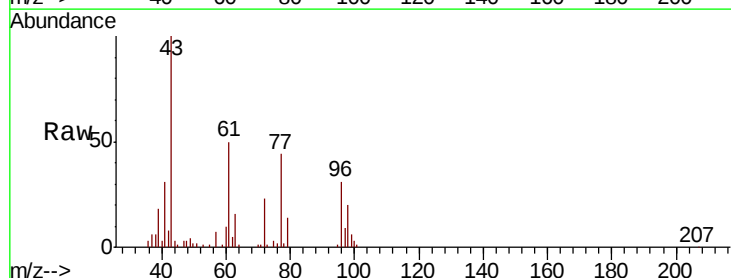
Instrument :
MSVOA_N
ClientSampled :

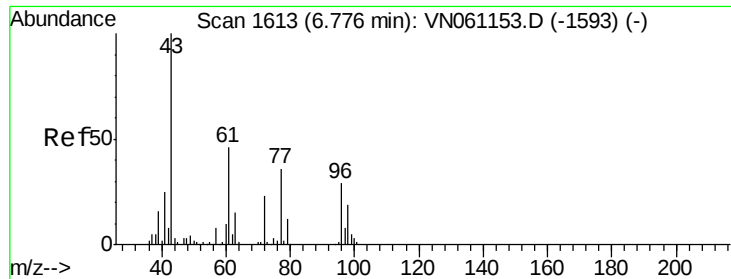
Tot Ion: 43 Resp: 118607
Ion Ratio Lower Upper
43 100
72 22.9 18.2 27.4



#26
2,2-Dichloropropane
Concen: 22.053 ug/l
RT: 6.77 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion: 77 Resp: 52165
Ion Ratio Lower Upper
77 100
97 20.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 20.476 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

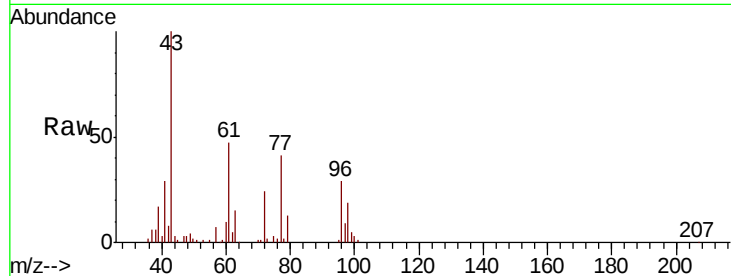
Tot Ion: 96 Resp: 32709

Ion Ratio Lower Upper

96 100

61 163.1 0.0 322.0

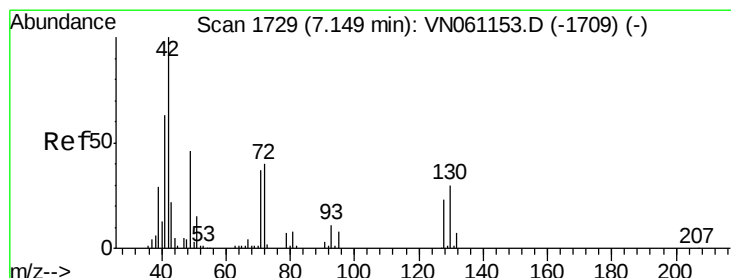
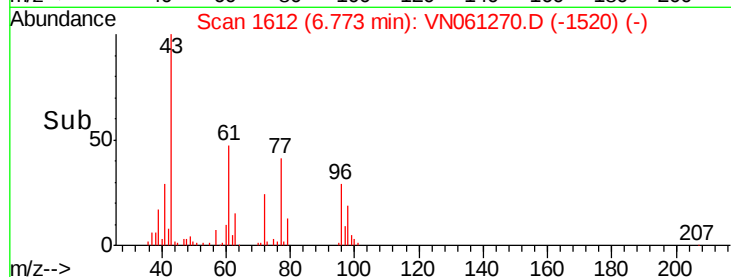
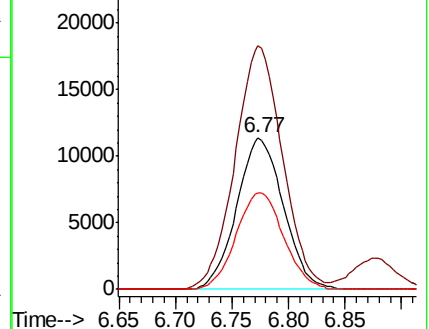
98 64.9 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061270.D (-1520) (-)

Ion 60.90 (60.60 to 61.60): VN061270.D (-1520) (-)

Ion 97.90 (97.60 to 98.60): VN061270.D (-1520) (-)



#28

Bromochloromethane

Concen: 23.824 ug/l

RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

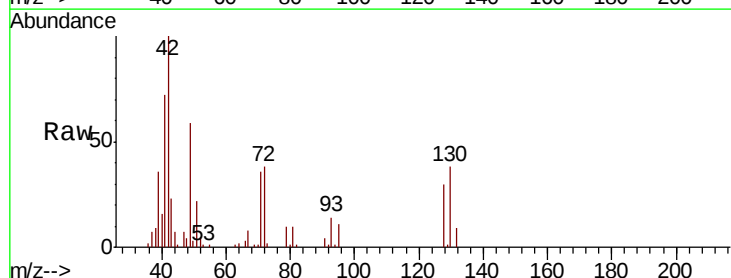
Tgt Ion: 49 Resp: 31711

Ion Ratio Lower Upper

49 100

129 0.5 0.0 3.0

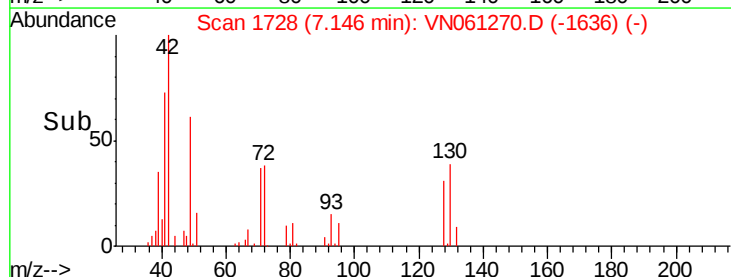
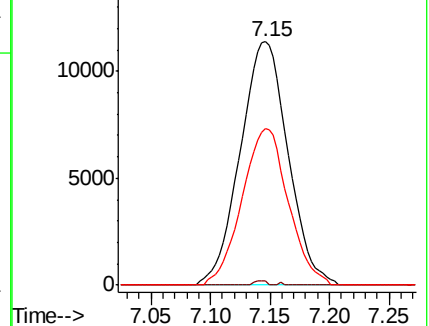
130 62.1 51.4 77.2

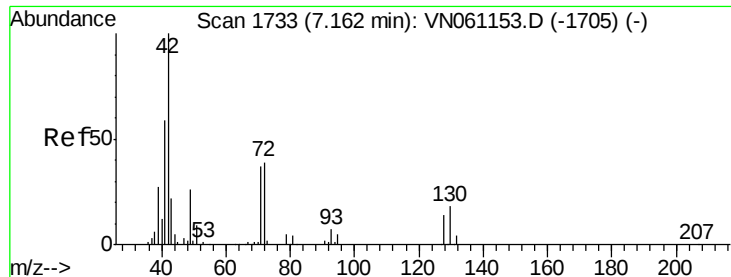


Abundance Ion 48.90 (48.60 to 49.60): VN061270.D (-1636) (-)

Ion 128.80 (128.50 to 129.50): VN061270.D (-1636) (-)

Ion 129.80 (129.50 to 130.50): VN061270.D (-1636) (-)

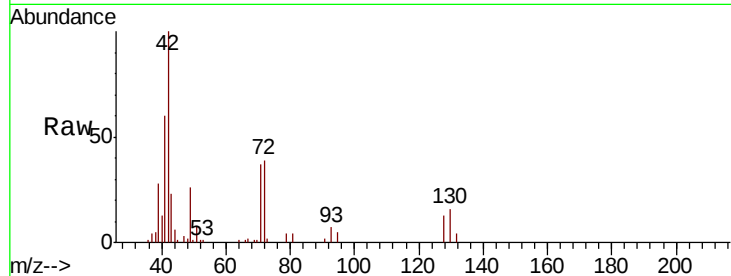




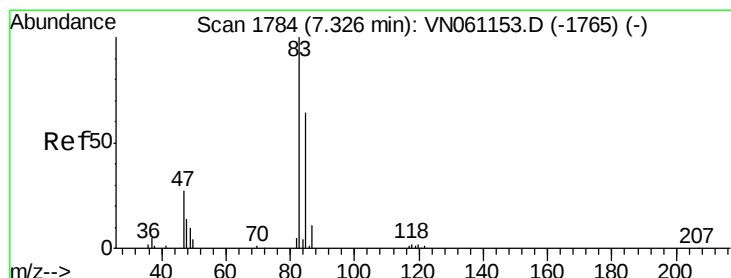
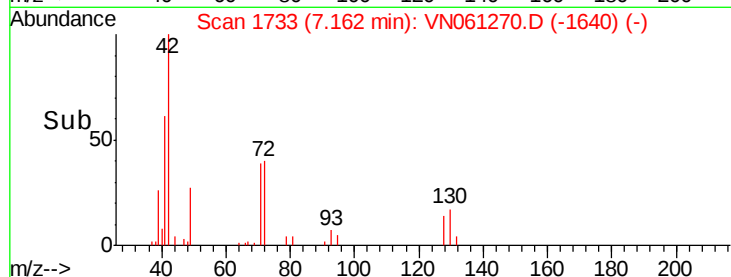
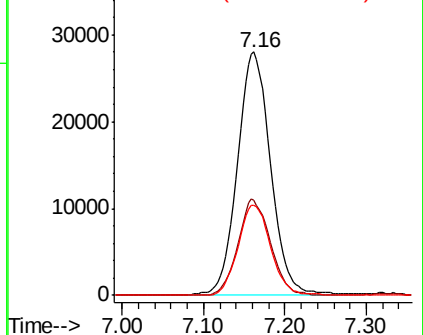
#29
Tetrahydrofuran
Concen: 105.855 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 79103
Ion Ratio Lower Upper
42 100
72 38.2 31.4 47.0
71 36.2 29.5 44.3

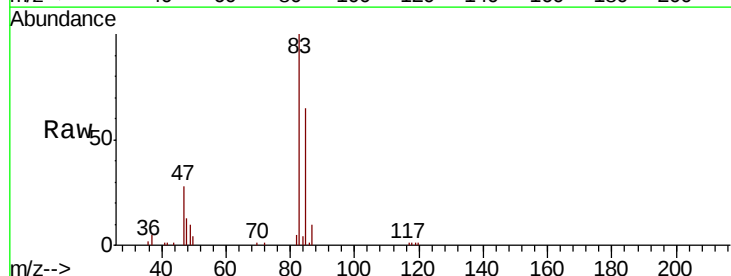


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

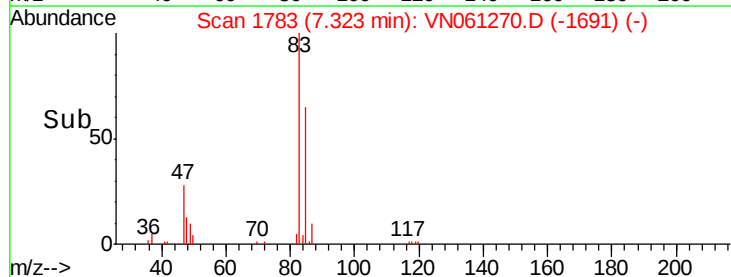
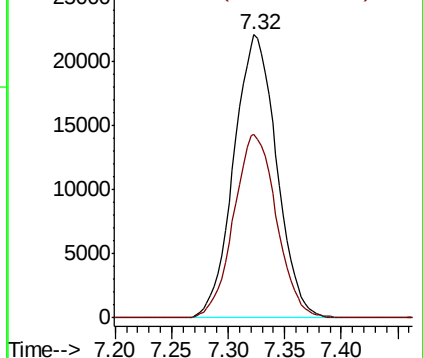


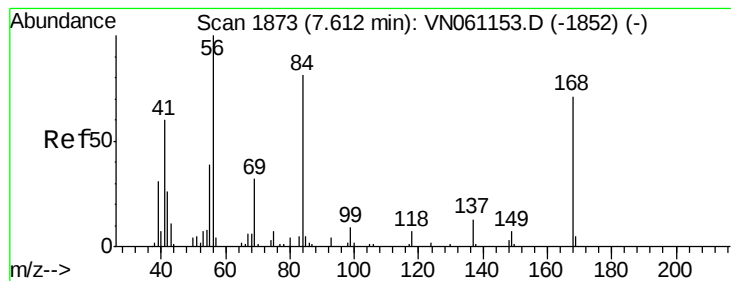
#30
Chloroform
Concen: 20.425 ug/l
RT: 7.32 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion: 83 Resp: 58128
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7



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





#31

Cyclohexane

Concen: 19.308 ug/l

RT: 7.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :

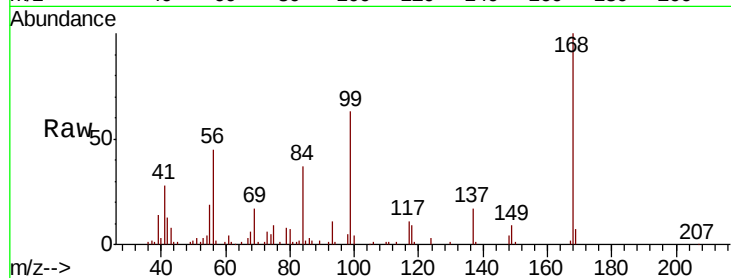
Tot Ion: 56 Resp: 52658

Ion Ratio Lower Upper

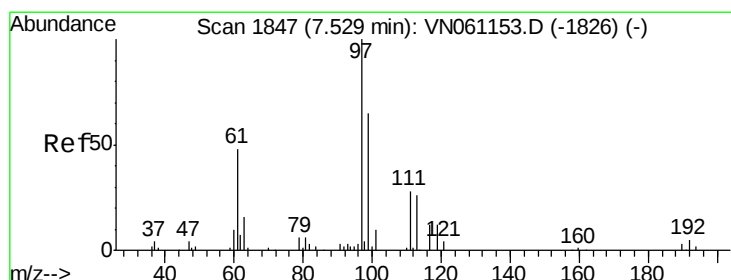
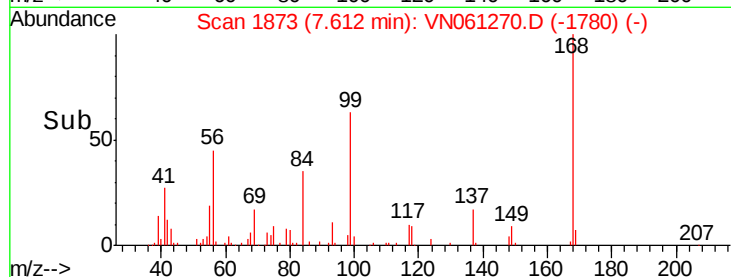
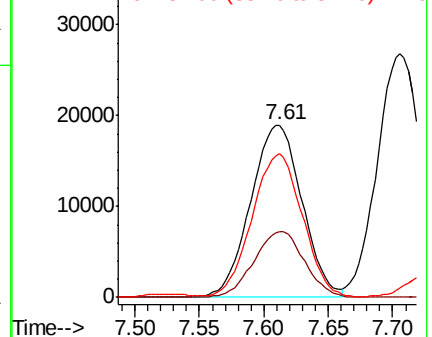
56 100

69 38.3 25.7 38.5

84 82.1 64.6 97.0



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.215 ug/l

RT: 7.53 min Scan# 1846

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

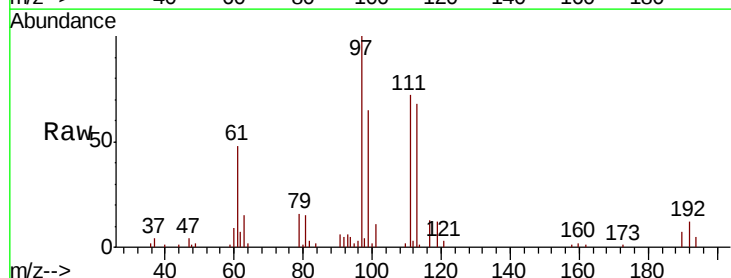
Tgt Ion: 97 Resp: 50096

Ion Ratio Lower Upper

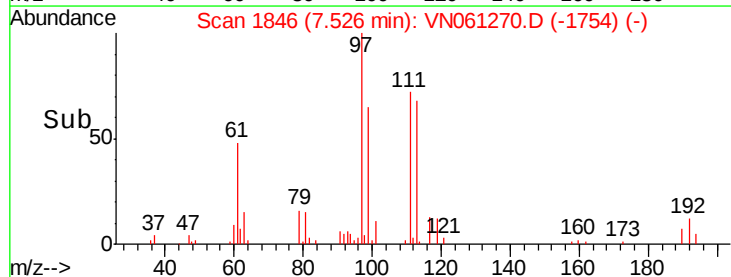
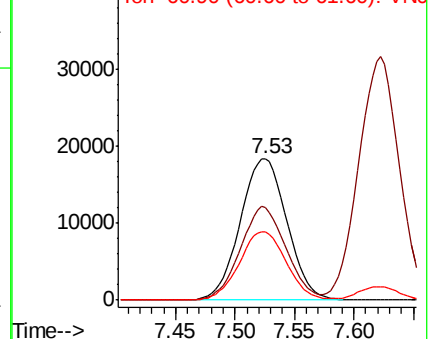
97 100

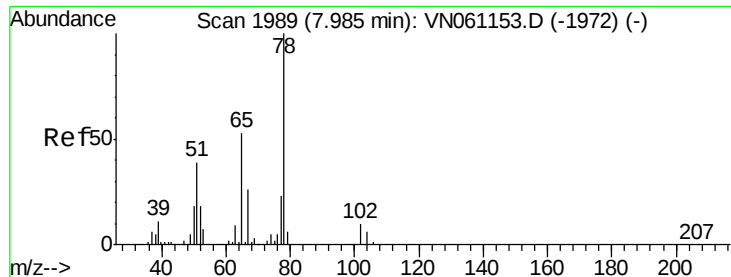
99 64.7 51.3 76.9

61 48.7 38.6 57.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 54.055 ug/l

RT: 7.98 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

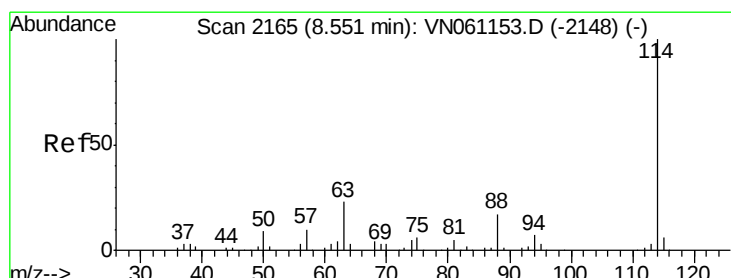
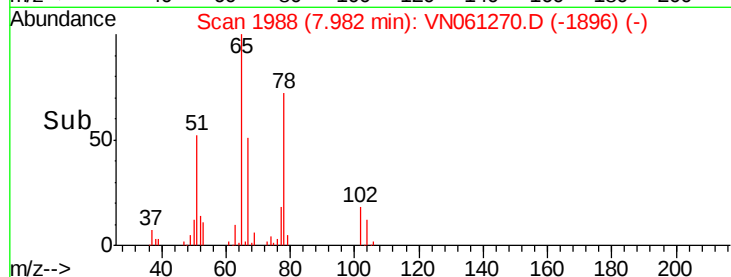
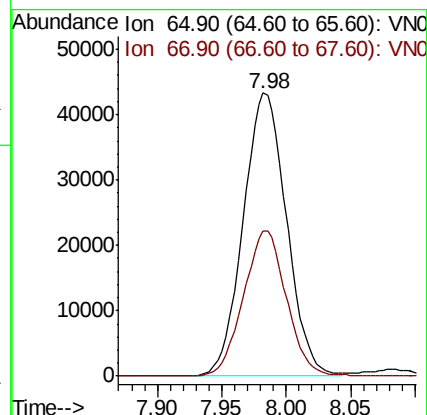
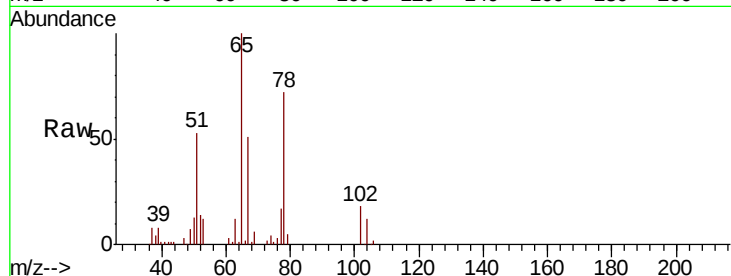
ClientSampleId :

Tot Ion: 65 Resp: 101339

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2164

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

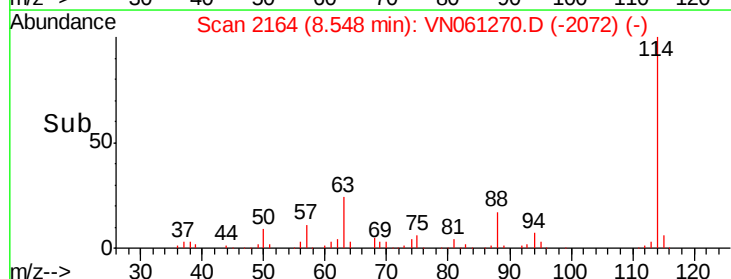
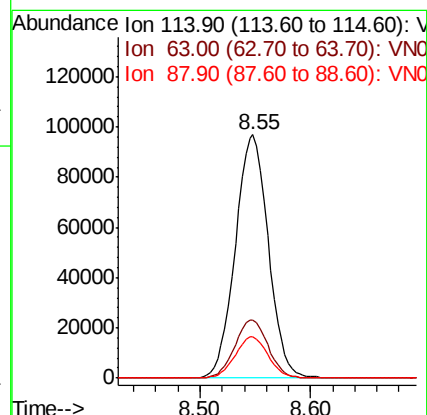
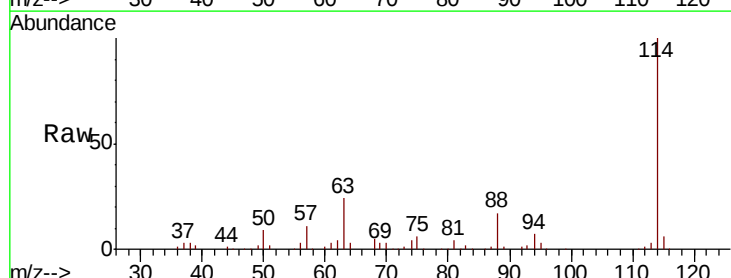
Tgt Ion: 114 Resp: 200863

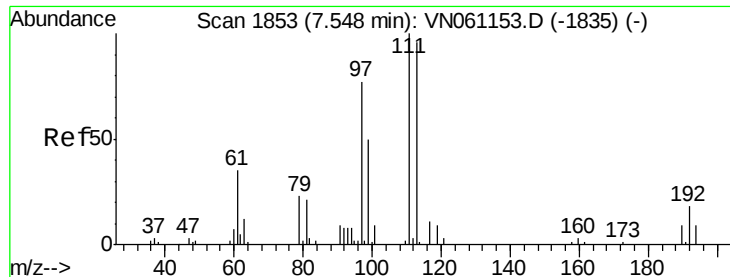
Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.6

88 16.9 0.0 33.4

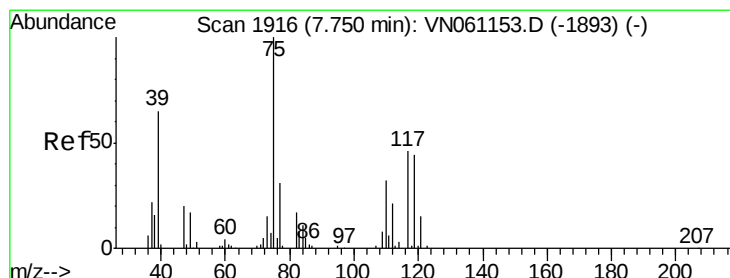
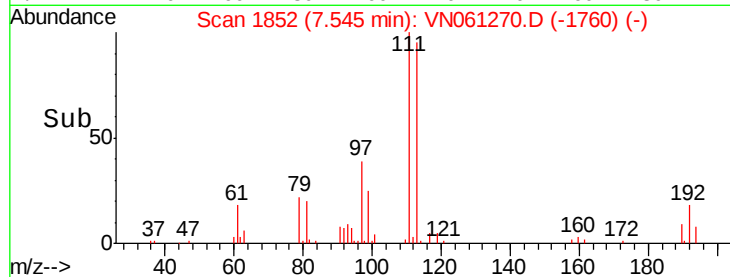
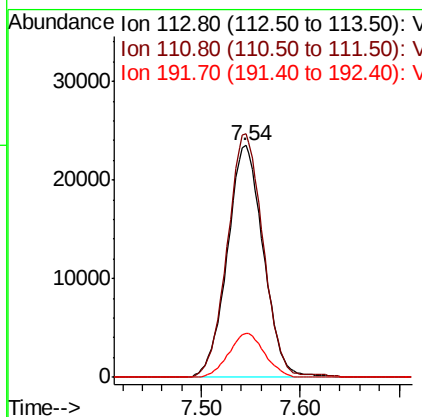
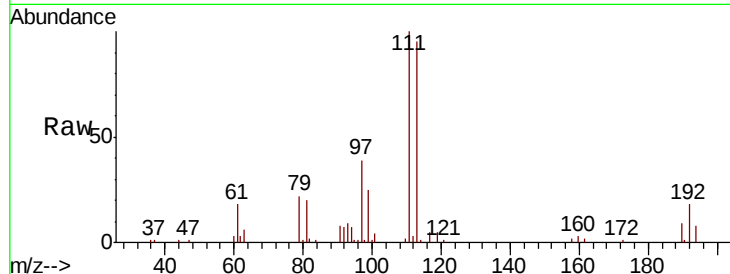




#35
 Dibromofluoromethane
 Concen: 50.338 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

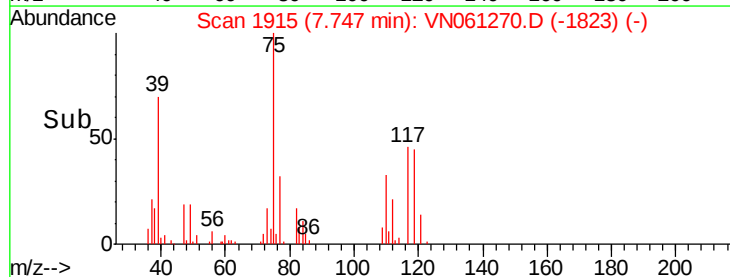
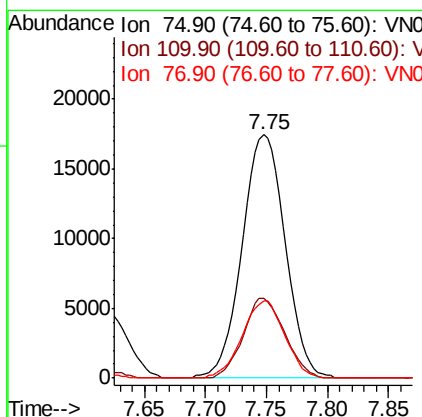
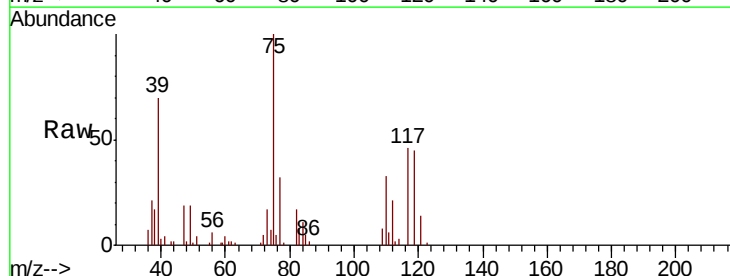
Instrument :
 MSVOA_N
 ClientSampleId :

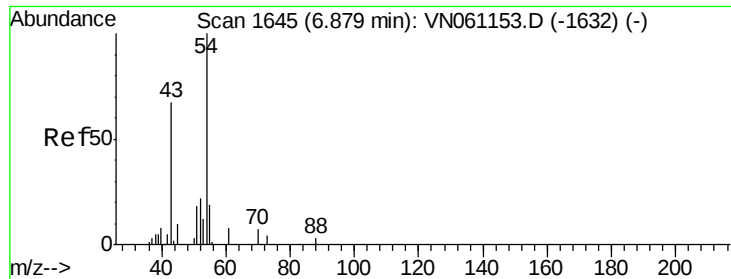
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	18.8	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 21.207 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.0	48.0
77	31.2	24.6	37.0

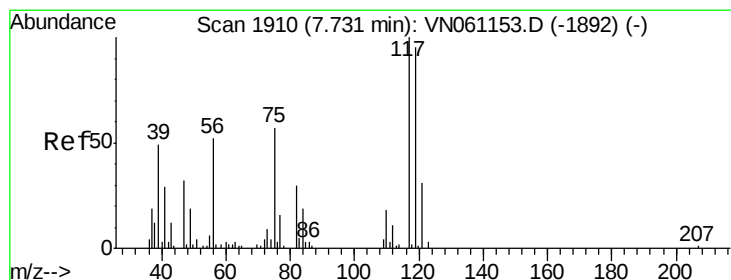
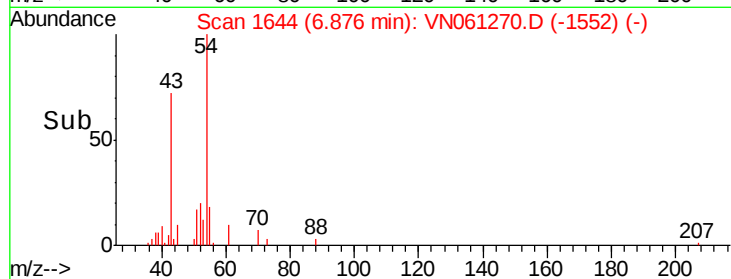
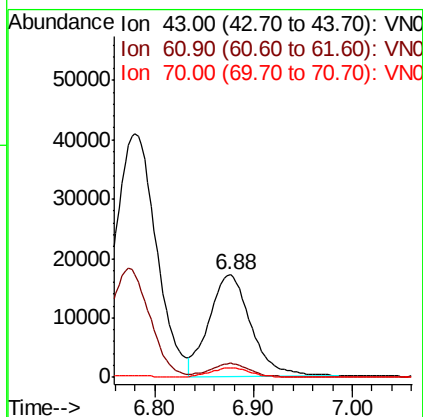
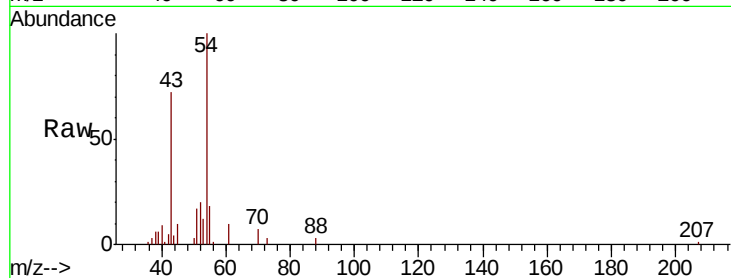




#37
Ethyl Acetate
Concen: 21.471 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

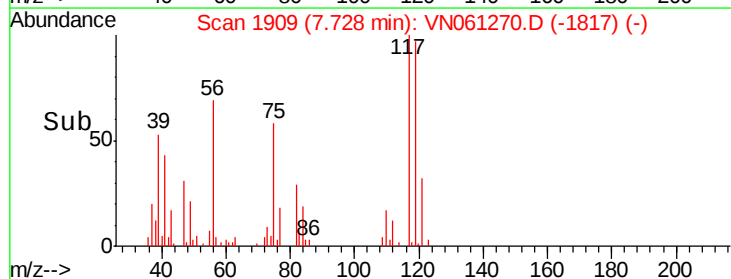
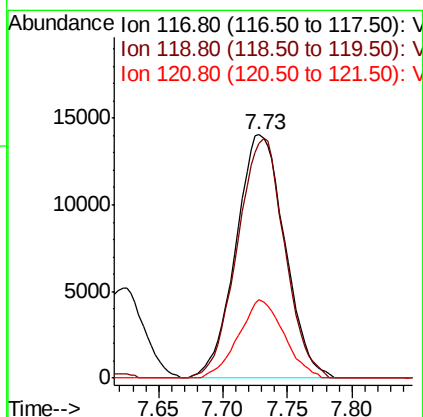
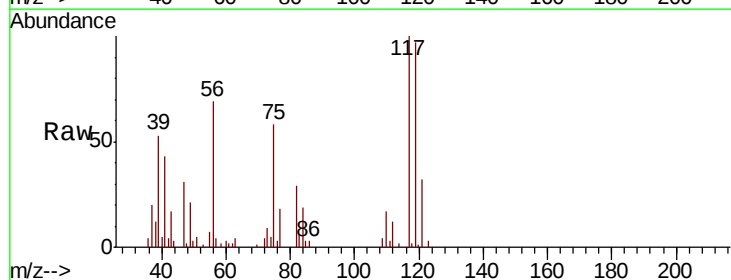
Instrument :
MSVOA_N
ClientSampled :

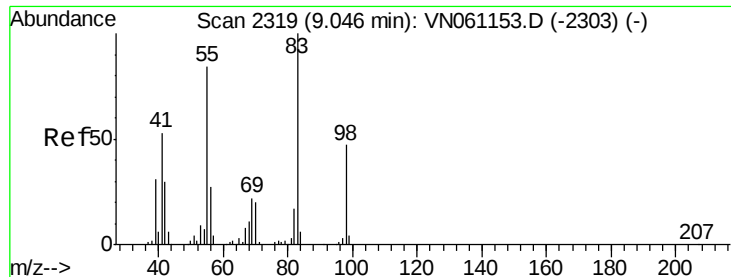
Tot Ion: 43 Resp: 50613
Ion Ratio Lower Upper
43 100
61 12.9 10.2 15.2
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 21.550 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion: 117 Resp: 37034
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.6
121 32.1 24.7 37.1

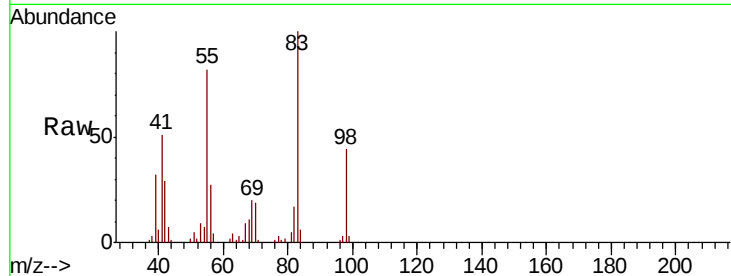




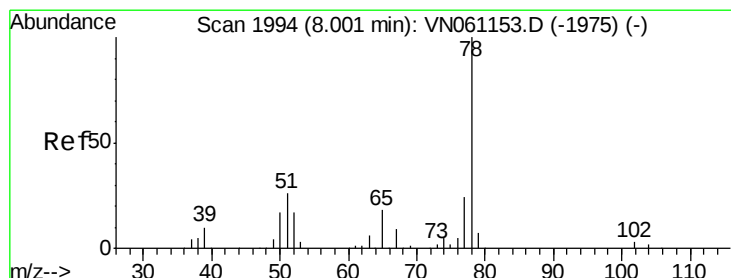
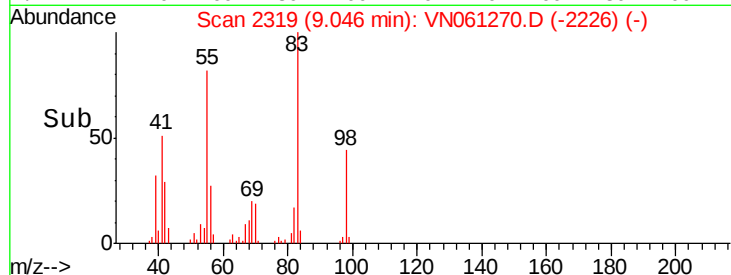
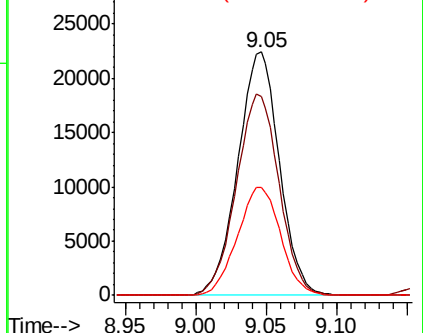
#39
Methvlcvclohexane
Concen: 20.524 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 46280
Ion Ratio Lower Upper
83 100
55 81.5 67.3 100.9
98 44.4 37.7 56.5

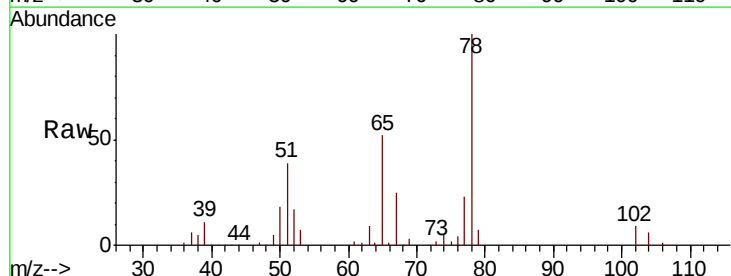


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

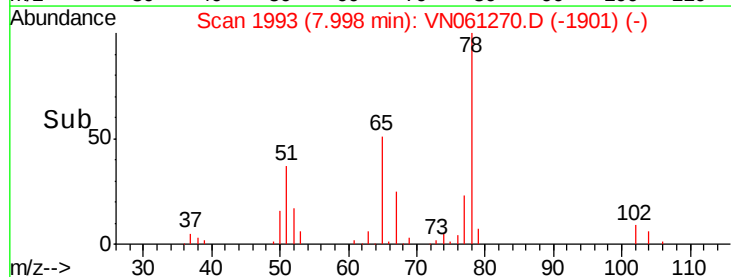
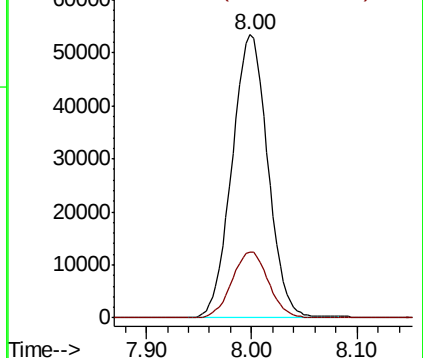


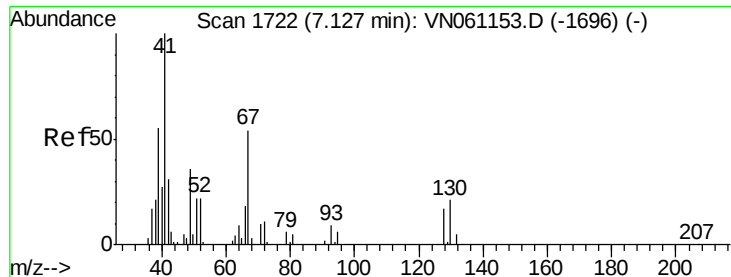
#40
Benzene
Concen: 21.087 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion: 78 Resp: 126319
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

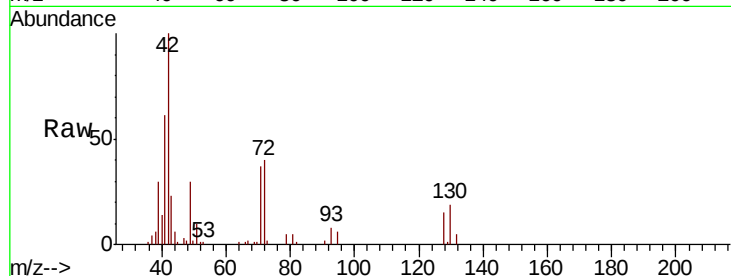




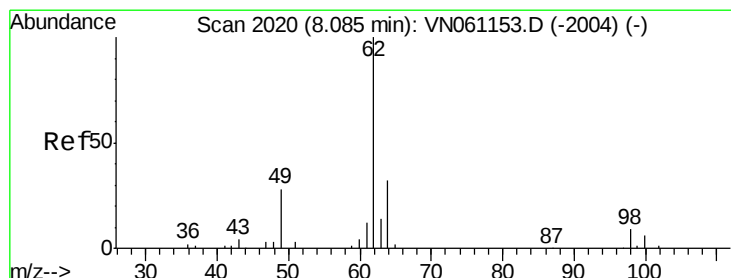
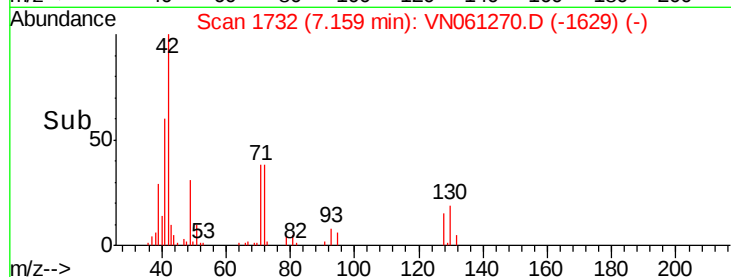
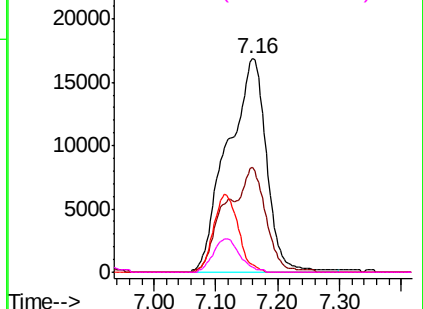
#41
Methacrylonitrile
Concen: 75.621 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. 0.03 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	74012
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

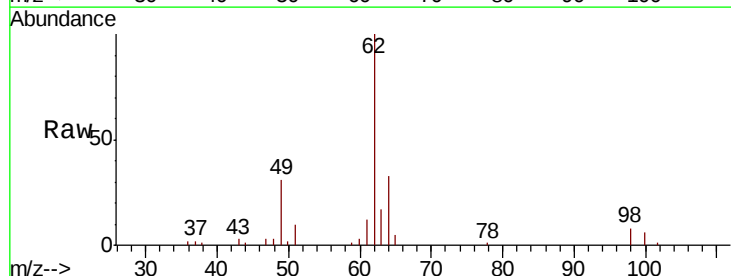


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-1696) (-)
Ion 39.00 (38.70 to 39.70): VN061153.D (-1696) (-)
Ion 67.00 (66.70 to 67.70): VN061153.D (-1696) (-)
Ion 52.00 (51.70 to 52.70): VN061153.D (-1696) (-)

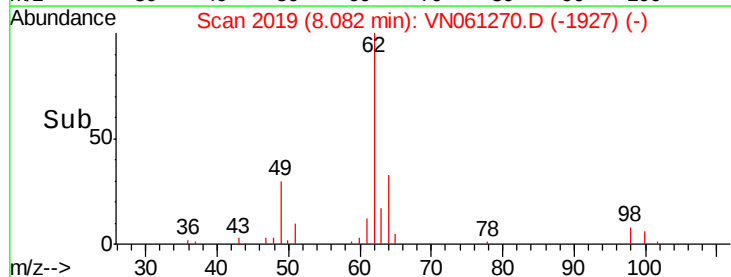
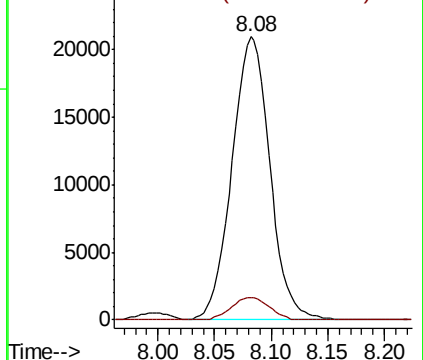


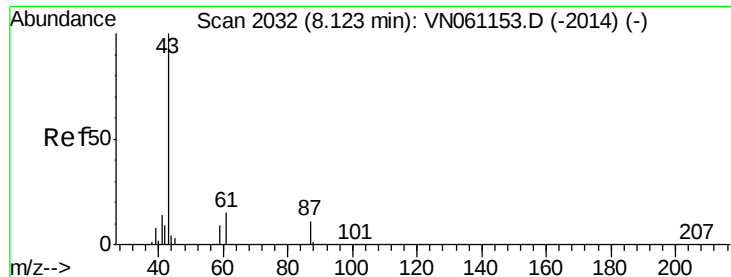
#42
1,2-Dichloroethane
Concen: 21.547 ug/l
RT: 8.08 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion:	62	Resp:	48898
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.8



Abundance Ion 61.90 (61.60 to 62.60): VN061153.D (-2004) (-)
Ion 97.90 (97.60 to 98.60): VN061153.D (-2004) (-)





#43

Isopropyl Acetate

Concen: 20.936 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

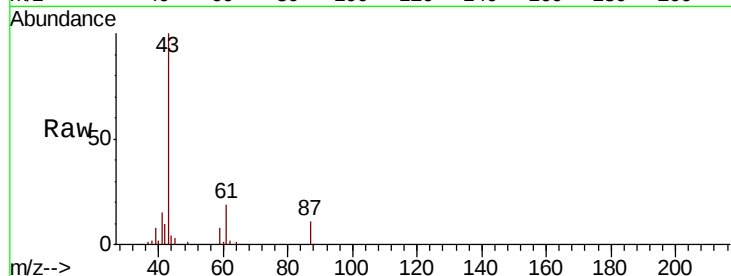
Tot Ion: 43 Resp: 81903

Ion Ratio Lower Upper

43 100

61 24.4 19.5 29.3

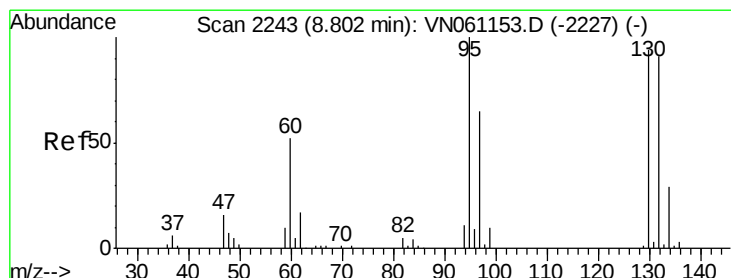
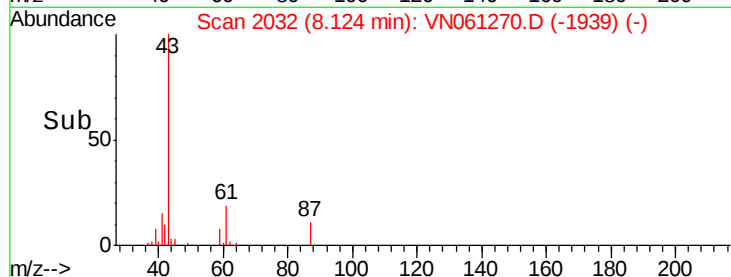
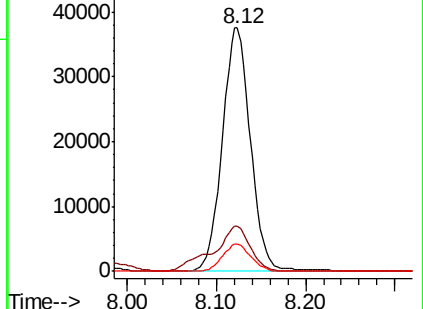
87 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 19.483 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061270.D

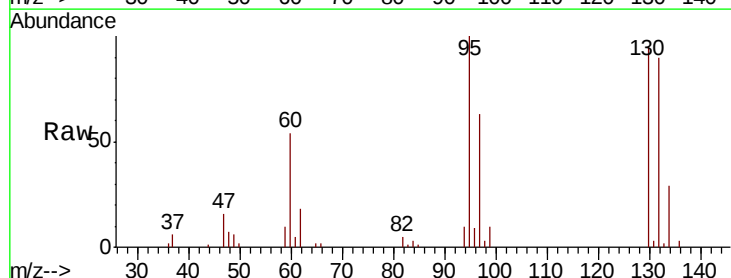
Acq: 4 May 2020 12:00

Tgt Ion:130 Resp: 31550

Ion Ratio Lower Upper

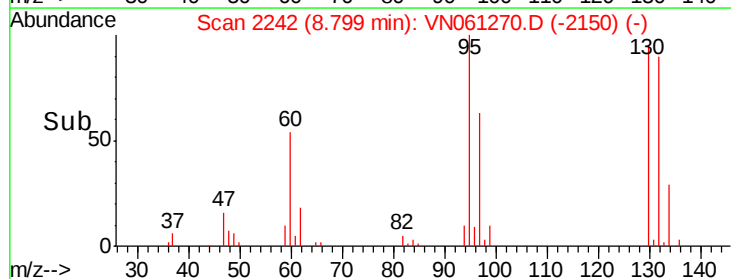
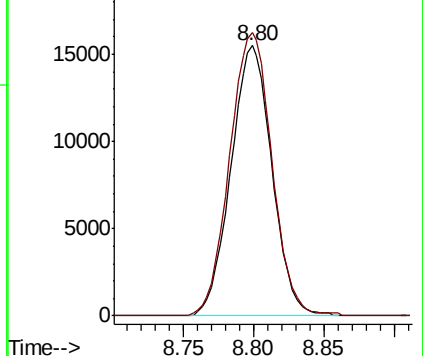
130 100

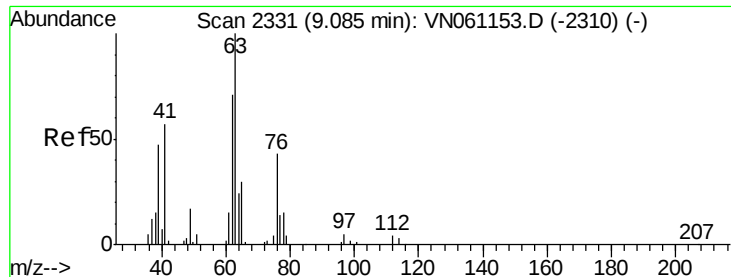
95 104.8 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)

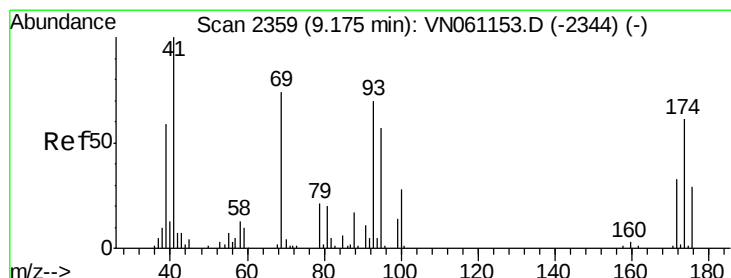
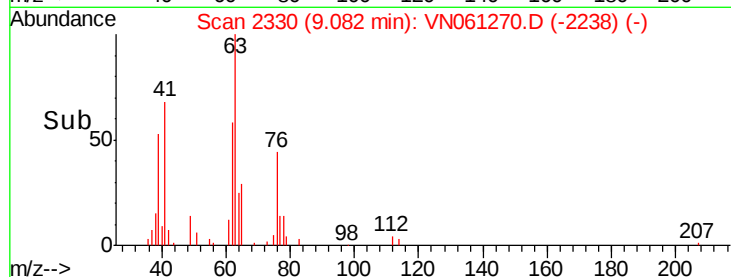
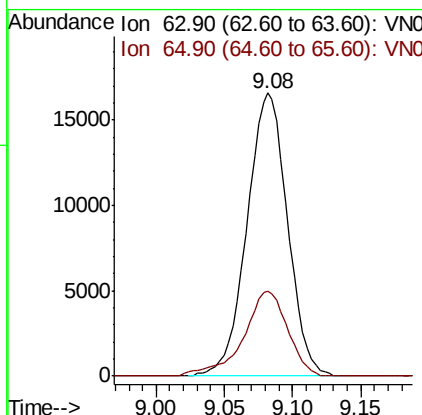
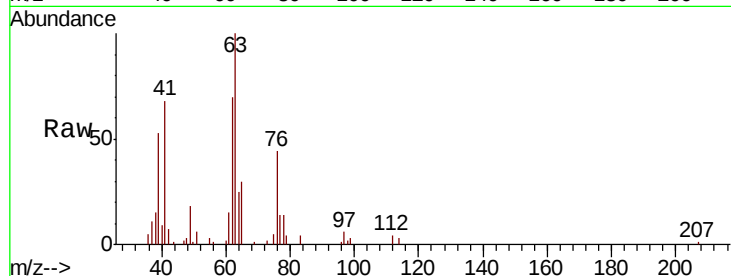




#45
 1,2-Dichloropropane
 Concen: 21.314 ug/l
 RT: 9.08 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

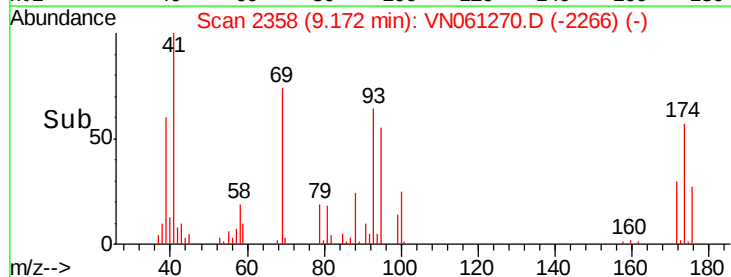
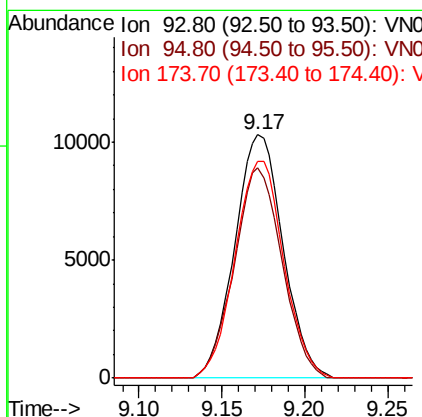
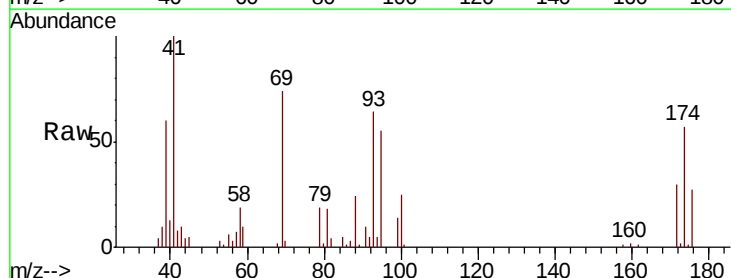
Instrument :
 MSVOA_N
 ClientSampleId :

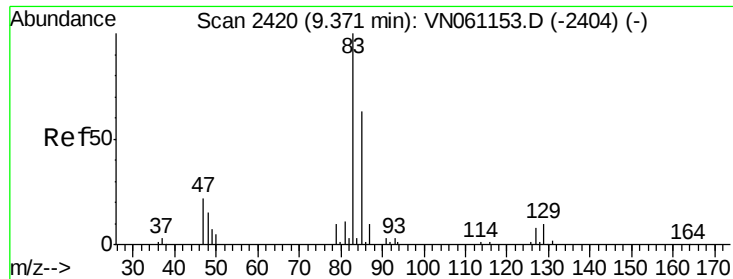
Tot Ion: 63 Resp: 34111
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1



#46
 Dibromomethane
 Concen: 21.080 ug/l
 RT: 9.17 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion: 93 Resp: 20889
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.6 99.8
 174 89.8 70.2 105.2





#47

Bromodichloromethane

Concen: 21.270 ug/l

RT: 9.36 min Scan# 2418

Delta R.T. -0.01 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

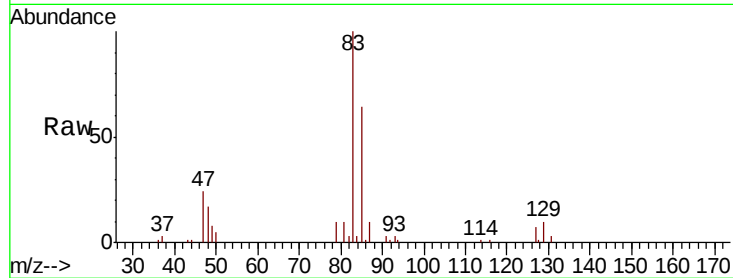
Tot Ion: 83 Resp: 45239

Ion Ratio Lower Upper

83 100

85 64.1 50.4 75.6

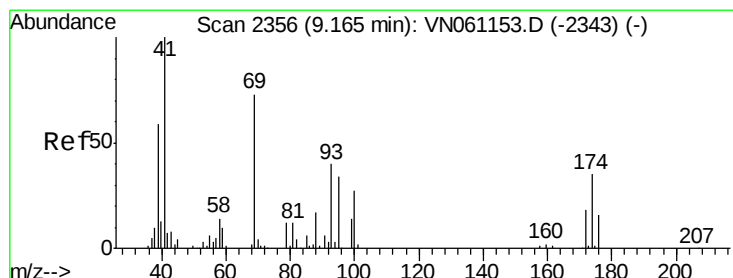
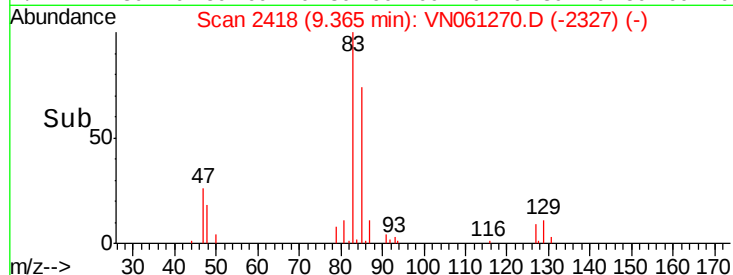
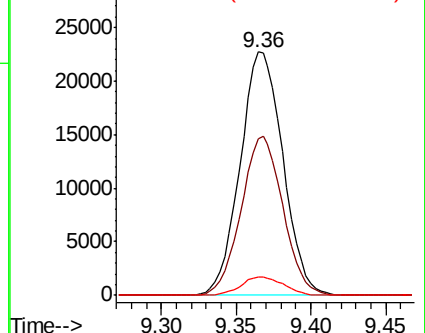
127 7.5 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061270.D (-2418) (-)

Ion 84.90 (84.60 to 85.60): VN061270.D (-2418) (-)

Ion 126.80 (126.50 to 127.50): VN061270.D (-2418) (-)



#48

Methyl methacrylate

Concen: 20.623 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

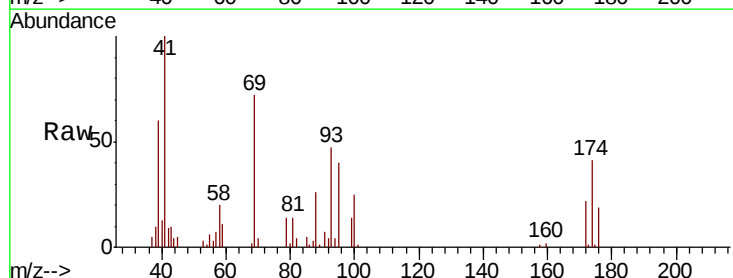
Tgt Ion: 41 Resp: 36407

Ion Ratio Lower Upper

41 100

69 74.1 60.3 90.5

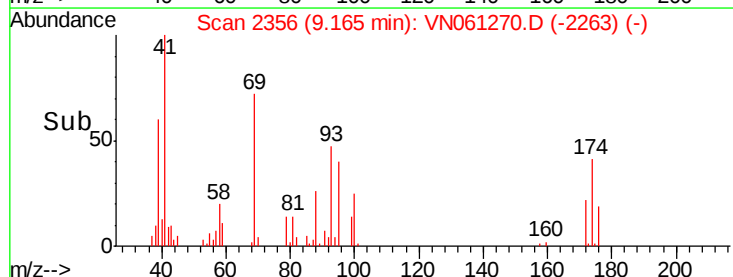
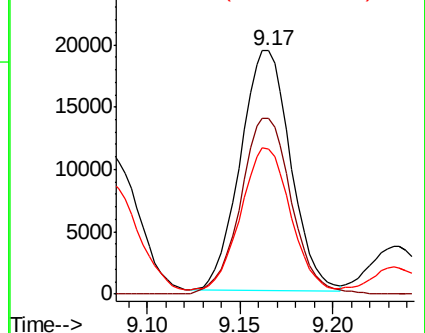
39 62.0 47.4 71.0

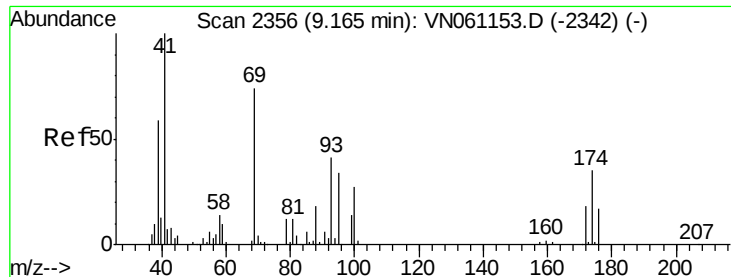


Abundance Ion 41.00 (40.70 to 41.70): VN061270.D (-2356) (-)

Ion 69.00 (68.70 to 69.70): VN061270.D (-2356) (-)

Ion 39.00 (38.70 to 39.70): VN061270.D (-2356) (-)

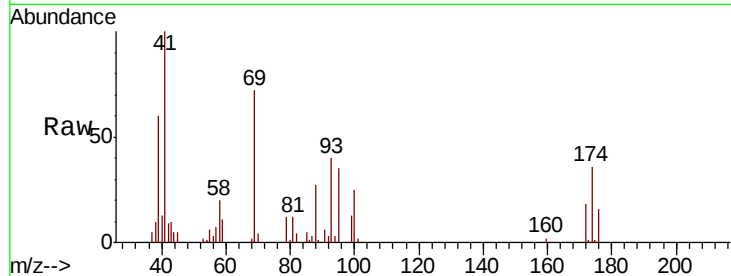




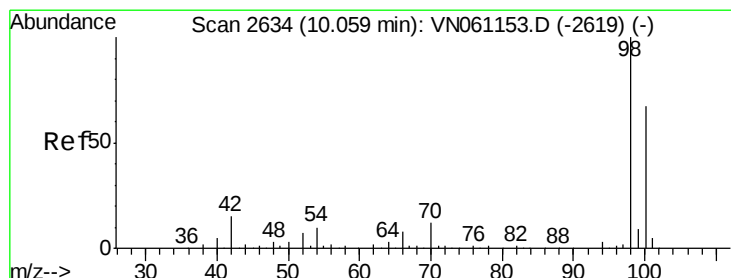
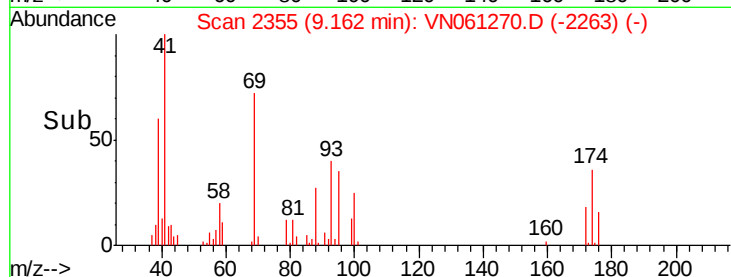
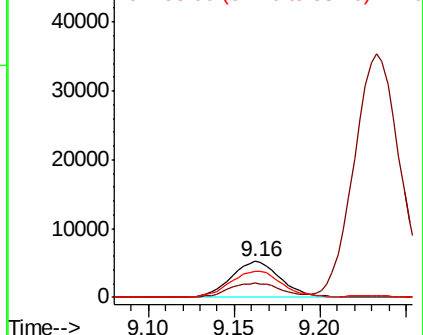
#49
1,4-Dioxane
Concen: 517.743 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 10375
Ion Ratio Lower Upper
88 100
43 41.4 35.3 52.9
58 75.9 61.5 92.3

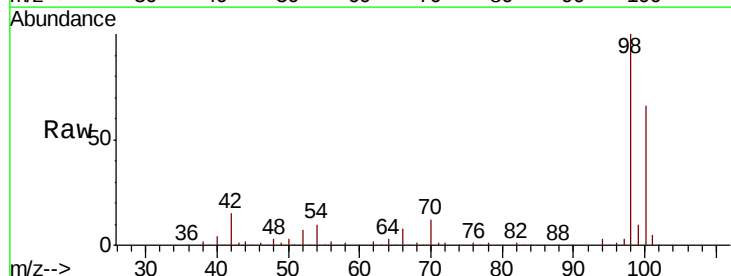


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

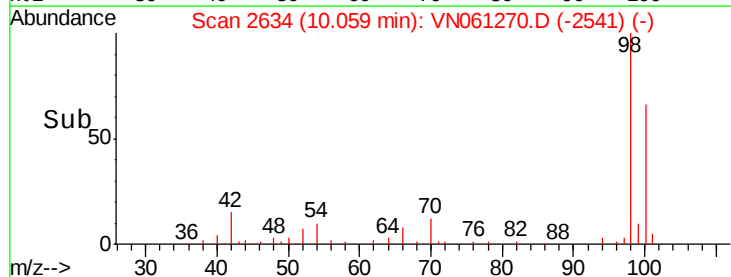
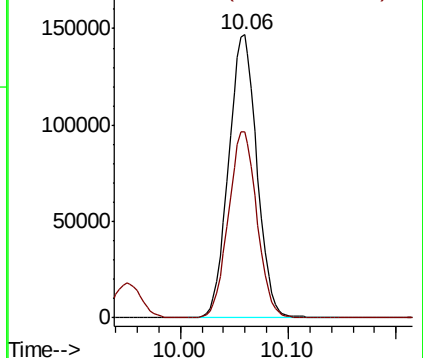


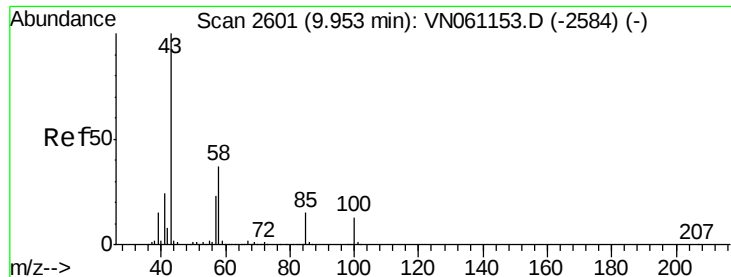
#50
Toluene-d8
Concen: 55.672 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion: 98 Resp: 269558
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



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: 108.743 ug/l

RT: 9.95 min Scan# 2600

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

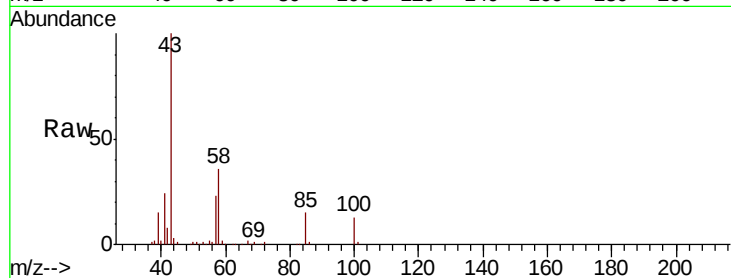
ClientSampled :

Tot Ion: 43 Resp: 250406

Ion Ratio Lower Upper

43 100

58 36.1 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

9.95

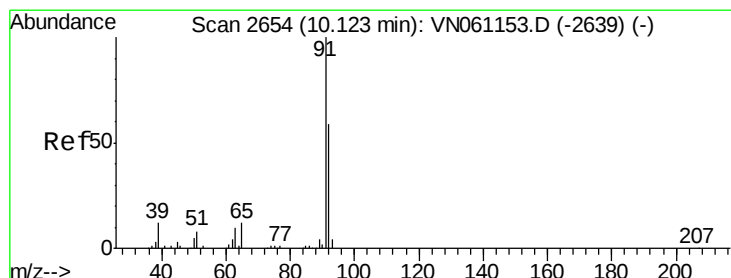
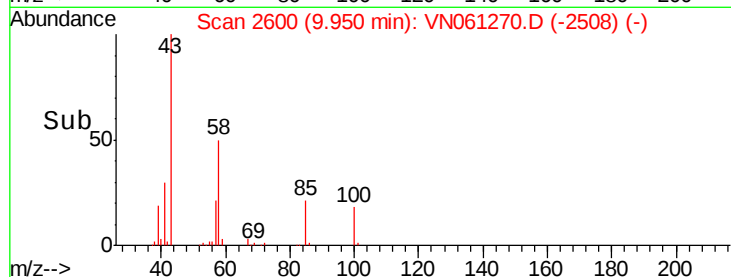
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.205 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061270.D

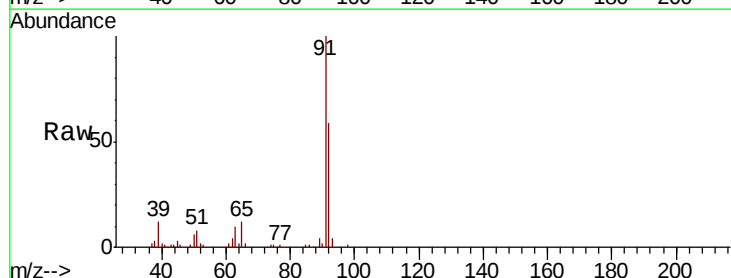
Acq: 4 May 2020 12:00

Tgt Ion: 92 Resp: 76511

Ion Ratio Lower Upper

92 100

91 170.6 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN061153.D (-2639) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-2639) (-)

10.12

80000

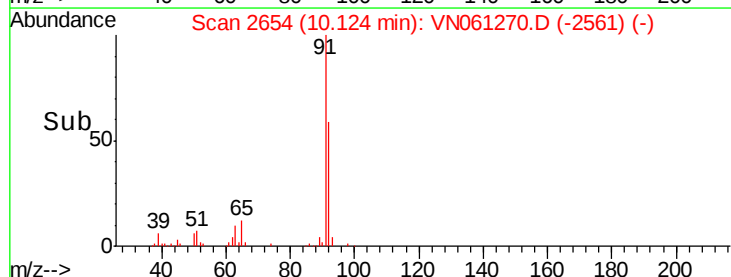
60000

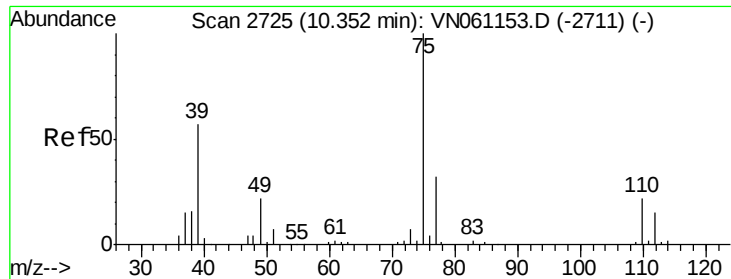
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.973 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

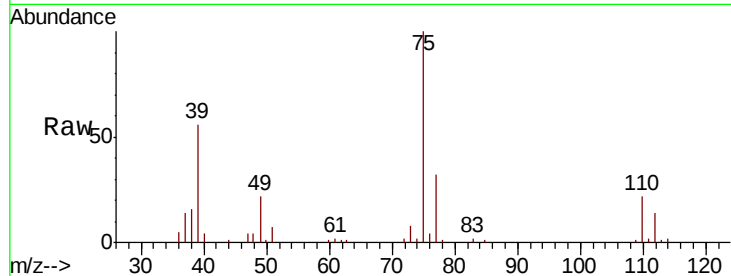
ClientSampleId :

Tot Ion: 75 Resp: 50264

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN061270.D (-2632) (-)

Ion 76.90 (76.60 to 77.60): VN061270.D (-2632) (-)

10.35

30000

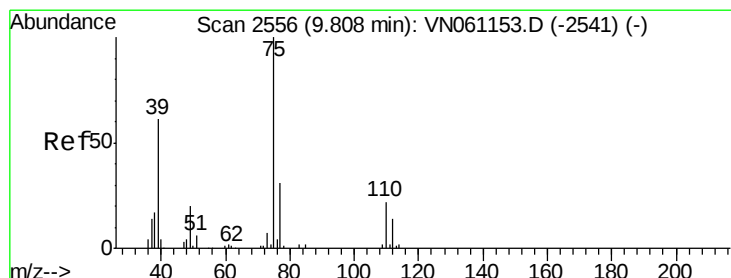
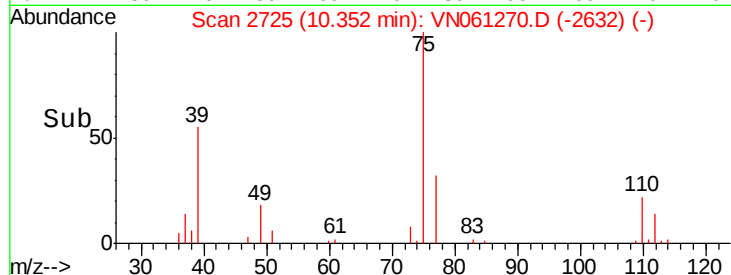
20000

10000

0

Time-->

10.30 10.35 10.40 10.45



#54

cis-1,3-Dichloropropene

Concen: 20.851 ug/l

RT: 9.81 min Scan# 2555

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

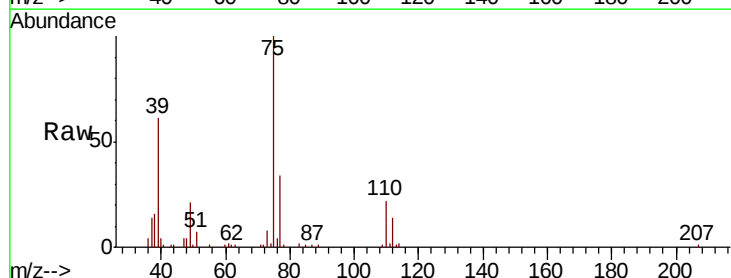
Tgt Ion: 75 Resp: 52830

Ion Ratio Lower Upper

75 100

77 33.5 25.0 37.4

39 60.7 48.7 73.1



Abundance Ion 74.90 (74.60 to 75.60): VN061270.D (-2463) (-)

Ion 76.90 (76.60 to 77.60): VN061270.D (-2463) (-)

Ion 39.00 (38.70 to 39.70): VN061270.D (-2463) (-)

9.81

30000

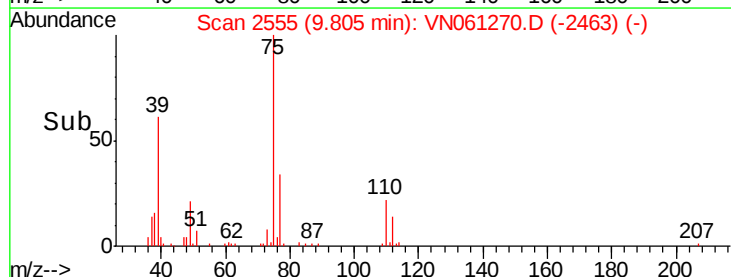
20000

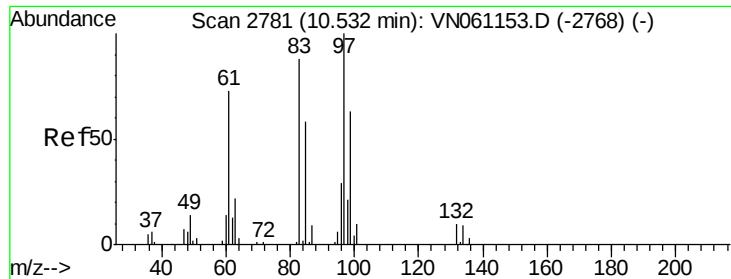
10000

0

Time-->

9.75 9.80 9.85 9.90

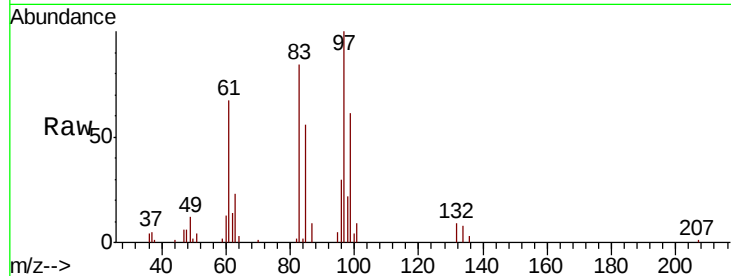




#55
 1,1,2-Trichloroethane
 Concen: 21.046 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	30290
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.6	106.0
85	56.1	46.4	69.6
99	60.9	50.6	75.8



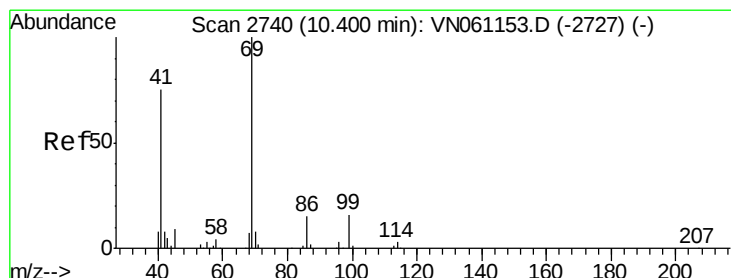
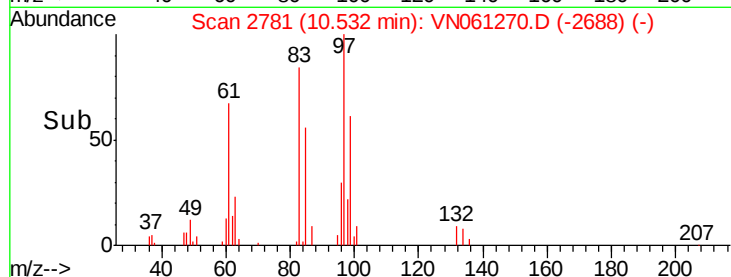
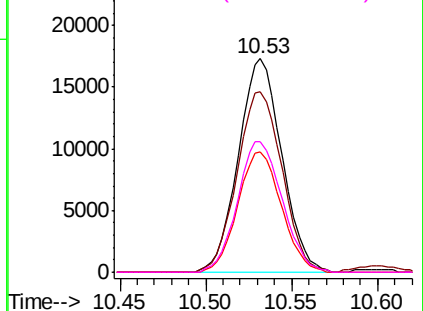
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

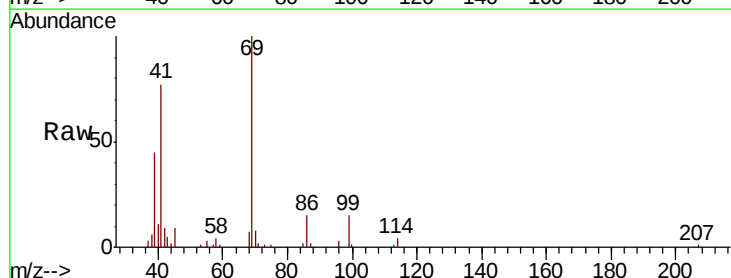
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 20.009 ug/l
 RT: 10.40 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion:	69	Resp:	45843
Ion	Ratio	Lower	Upper
69	100		
41	77.5	60.3	90.5
39	45.5	35.9	53.9

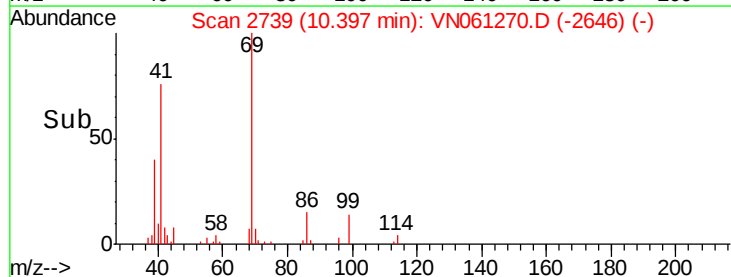
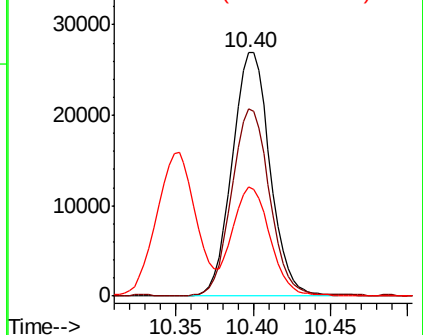


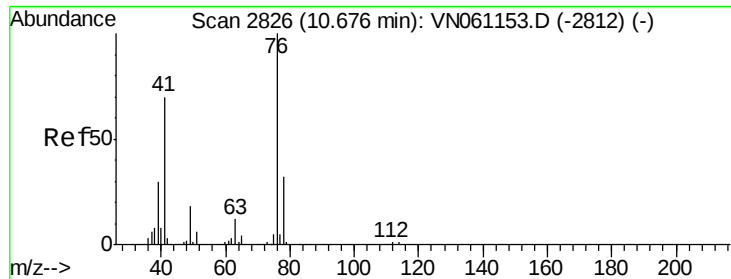
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 21.223 ug/l

RT: 10.68 min Scan# 2826

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

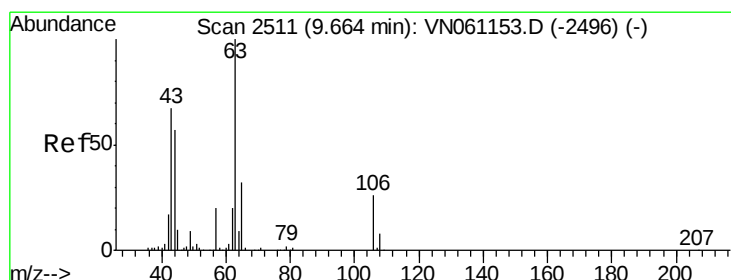
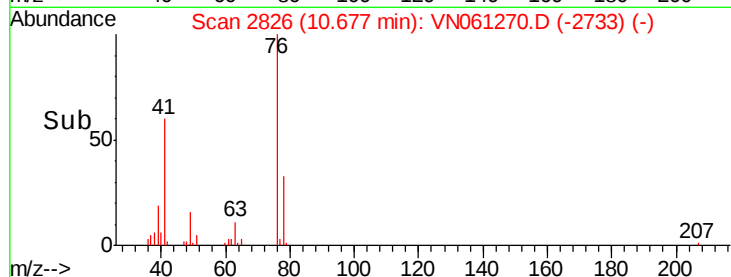
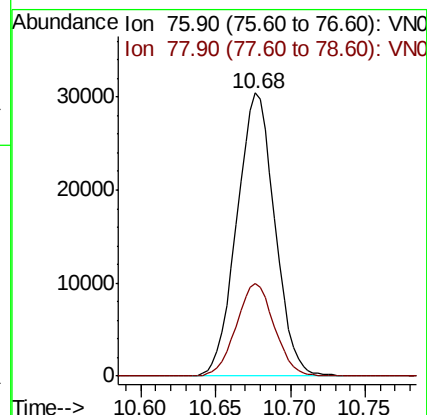
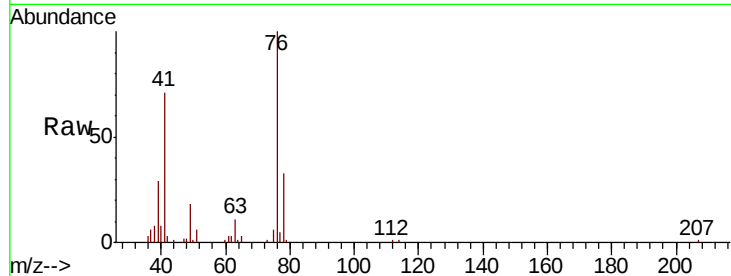
ClientSampled :

Tot Ion: 76 Resp: 53691

Ion Ratio Lower Upper

76 100

78 32.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 96.882 ug/l

RT: 9.66 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VN061270.D

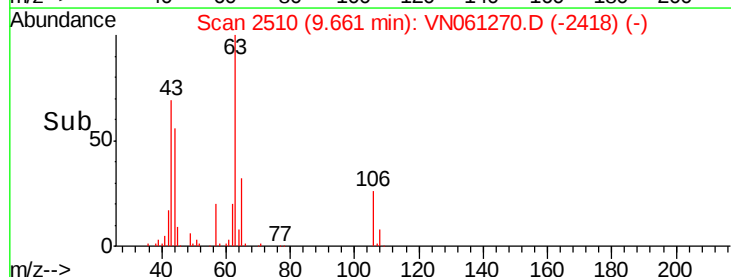
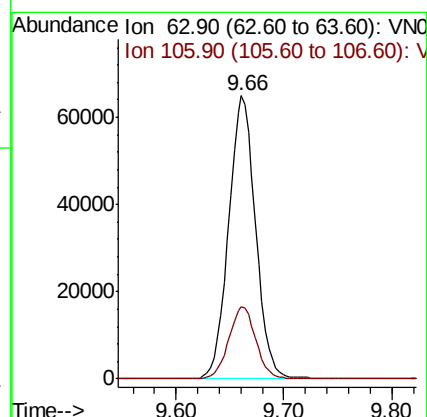
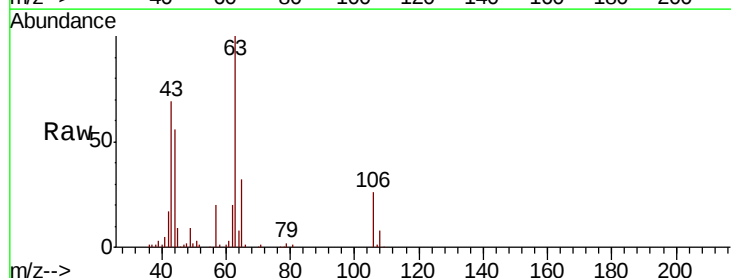
Acq: 4 May 2020 12:00

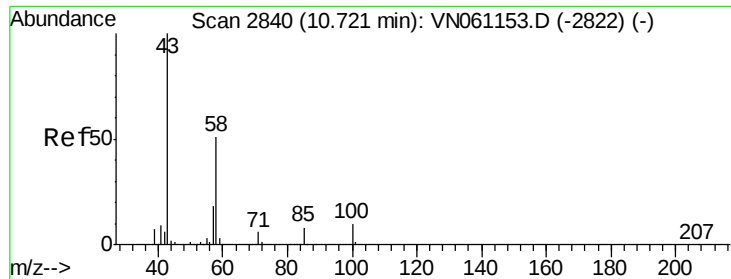
Tgt Ion: 63 Resp: 112865

Ion Ratio Lower Upper

63 100

106 25.5 20.6 30.8

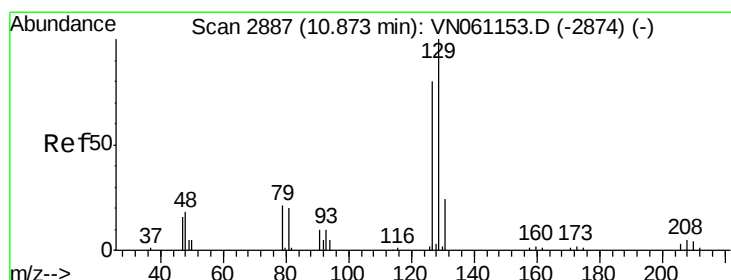
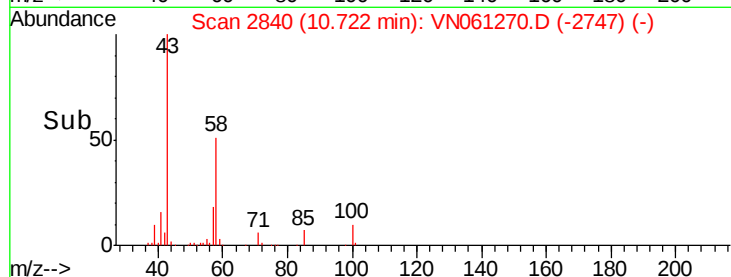
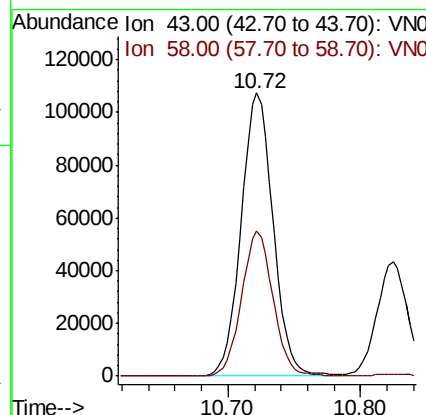
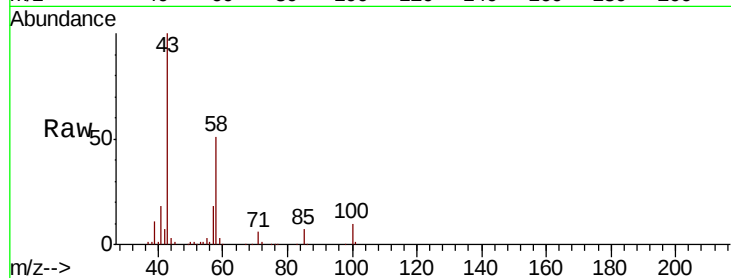




#59
2-Hexanone
Concen: 107.321 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

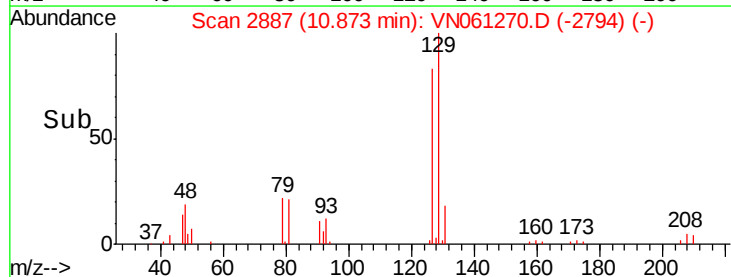
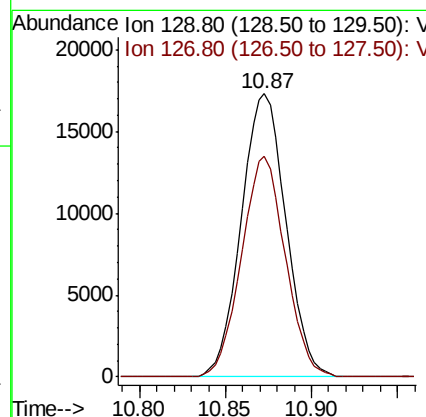
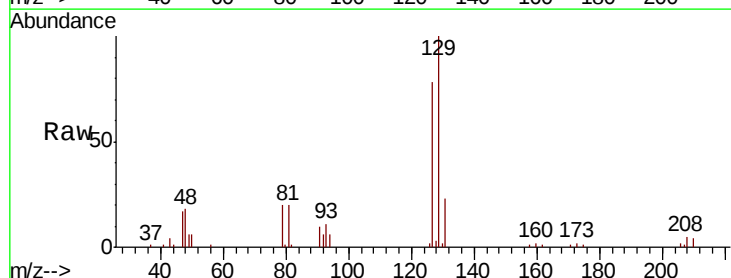
Instrument :
MSVOA_N
ClientSampleId :

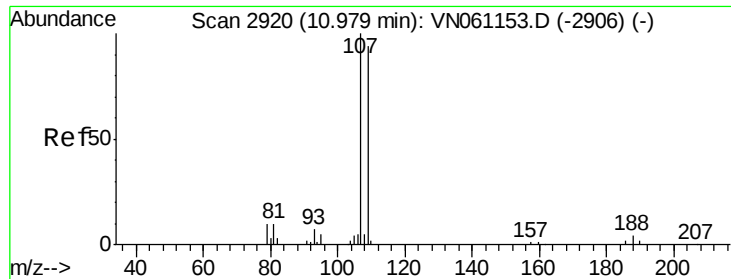
Tot Ion: 43 Resp: 179794
Ion Ratio Lower Upper
43 100
58 50.4 25.4 76.4



#60
Dibromochloromethane
Concen: 20.696 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion: 129 Resp: 31197
Ion Ratio Lower Upper
129 100
127 76.6 39.3 117.8

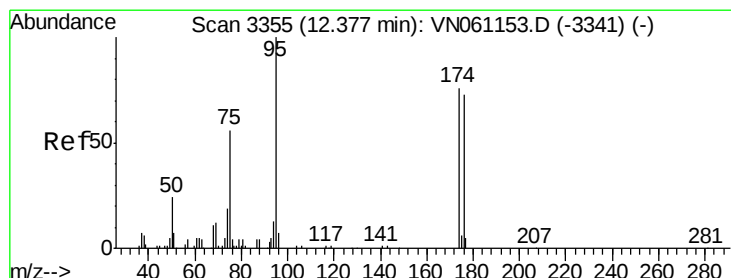
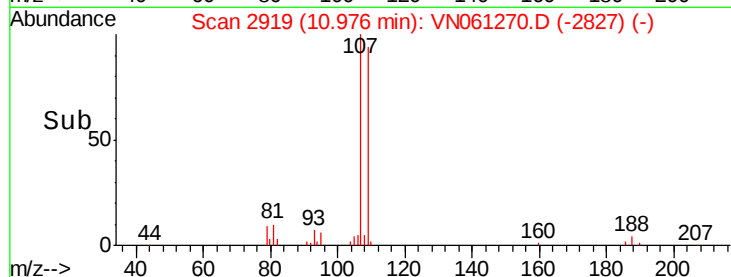
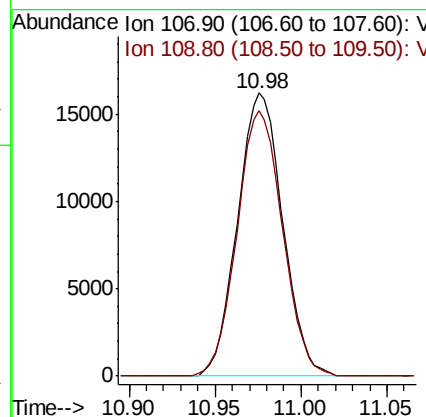
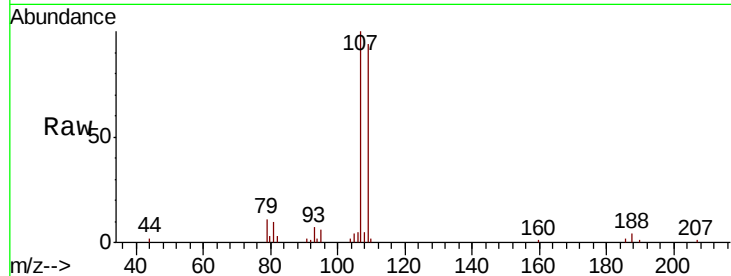




#61
 1,2-Dibromoethane
 Concen: 20.441 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

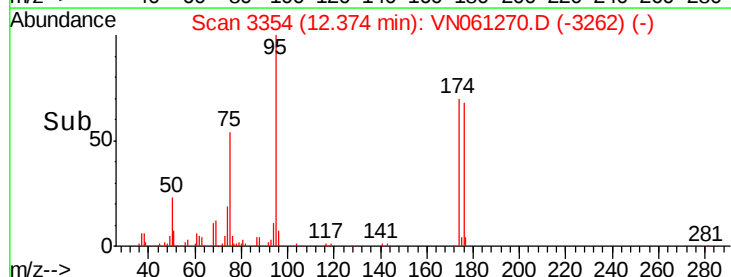
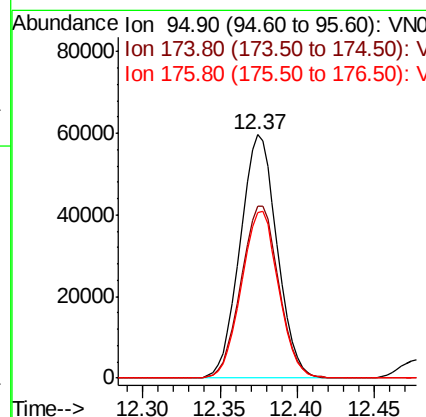
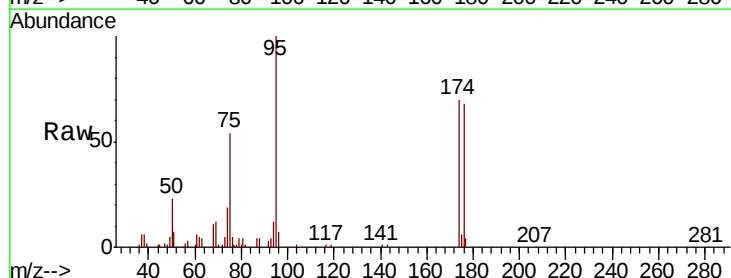
Instrument :
 MSVOA_N
 ClientSampleId :

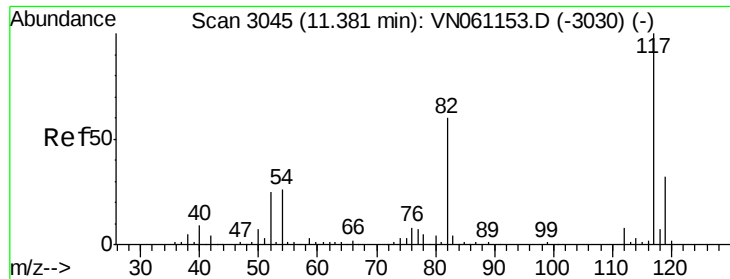
Tot Ion:107 Resp: 29486
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 54.319 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion: 95 Resp: 98973
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 149.4
 176 69.1 0.0 144.8

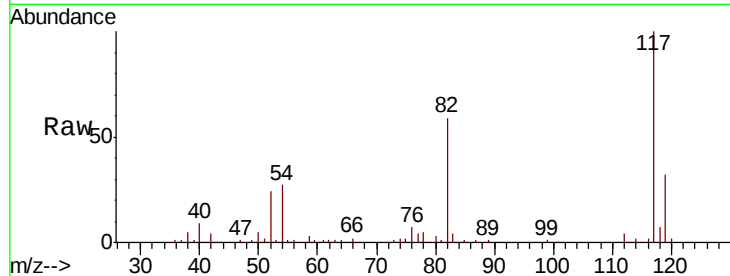




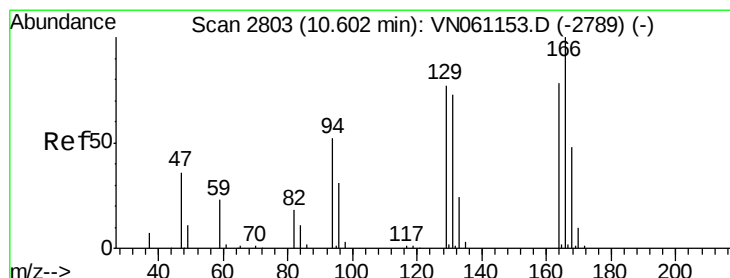
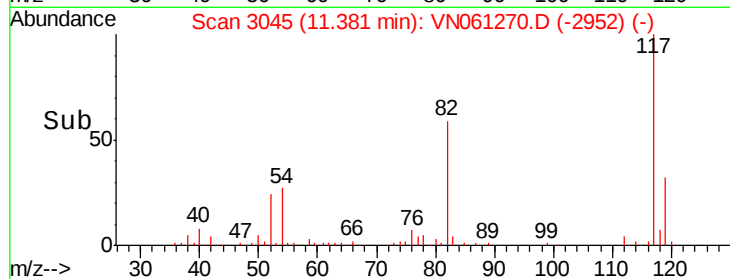
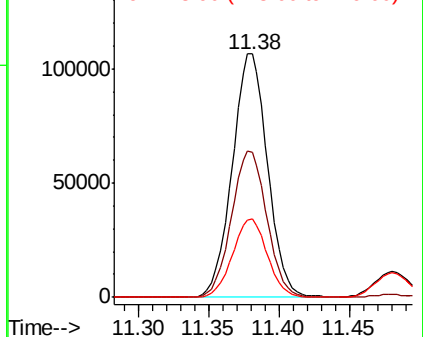
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 186630
Ion Ratio Lower Upper
117 100
82 59.4 47.8 71.8
119 32.1 25.8 38.6

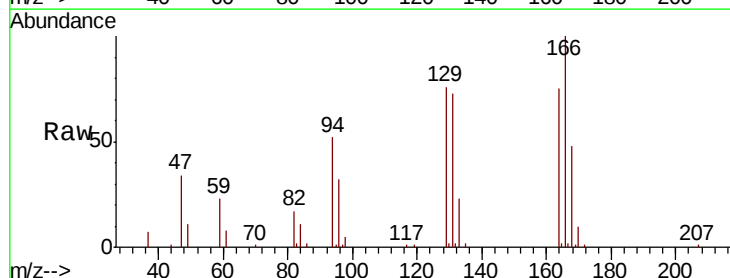


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

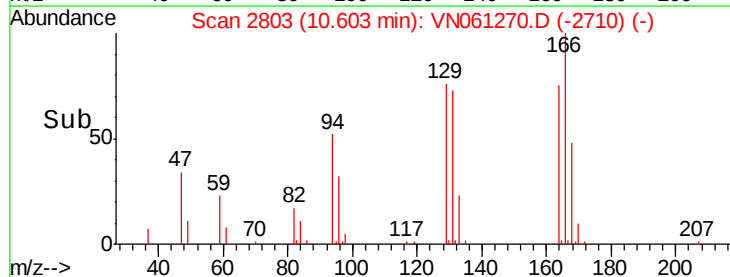
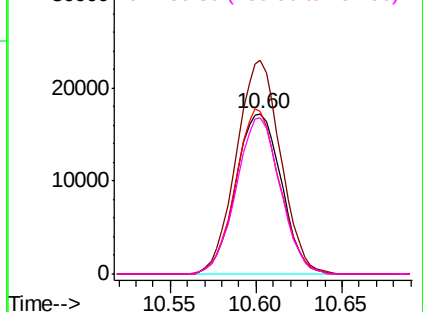


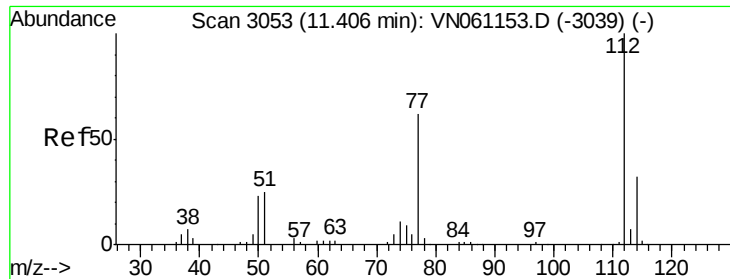
#64
Tetrachloroethene
Concen: 19.699 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion:164 Resp: 31842
Ion Ratio Lower Upper
164 100
166 133.0 102.0 153.0
129 101.2 78.2 117.2
131 97.2 74.5 111.7



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





#65

Chlorobenzene

Concen: 20.940 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

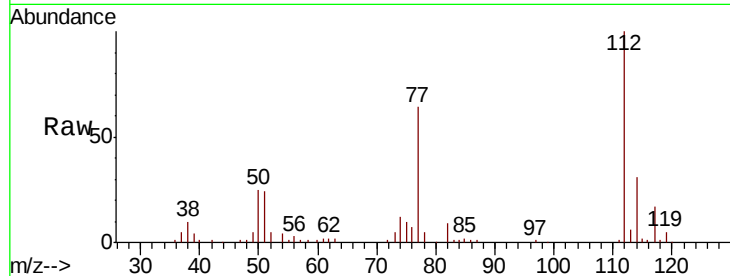
ClientSampled :

Tot Ion:112 Resp: 77522

Ion Ratio Lower Upper

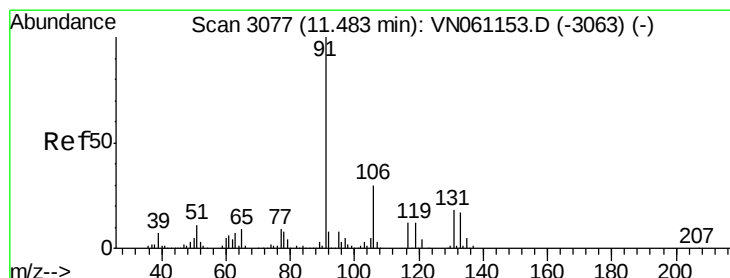
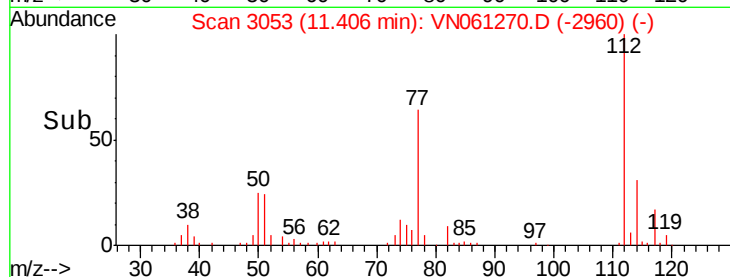
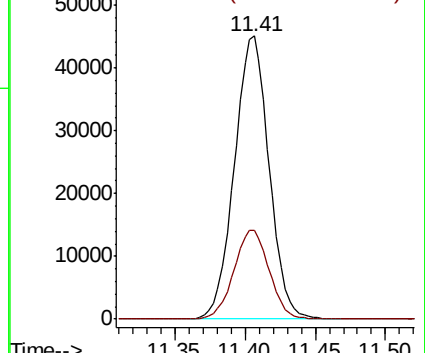
112 100

114 31.5 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.399 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

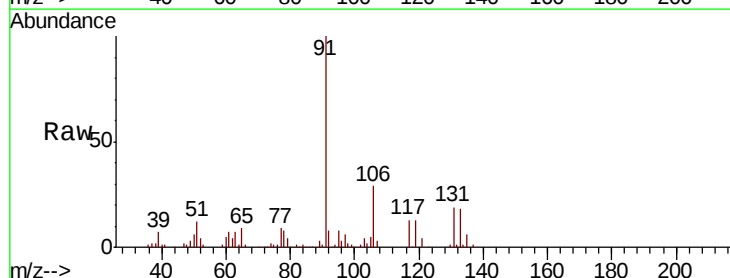
Tgt Ion:131 Resp: 28354

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.2

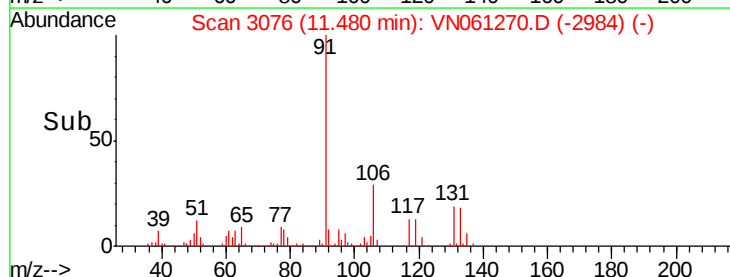
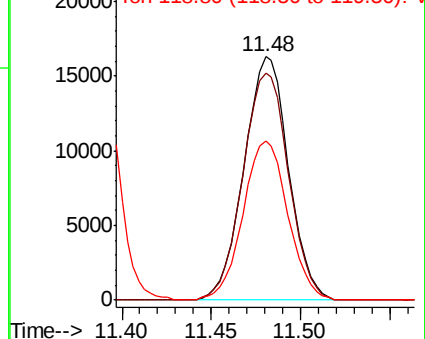
119 65.8 32.6 97.8

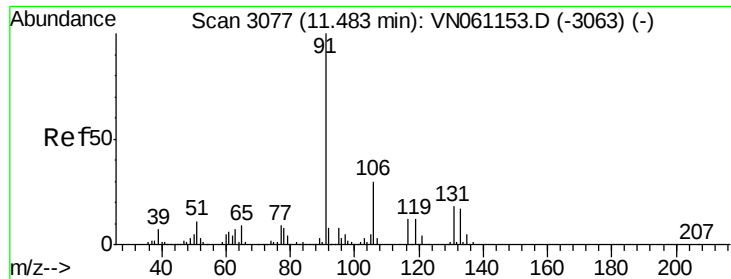


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.816 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

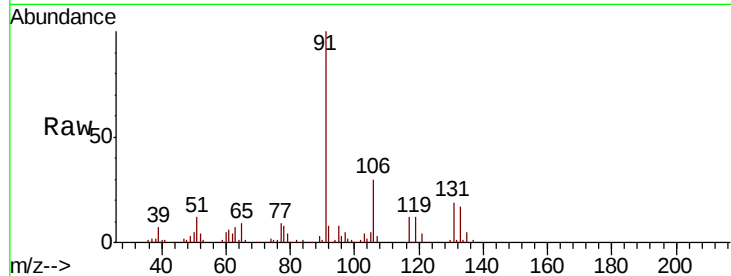
ClientSampleId :

Tot Ion: 91 Resp: 144258

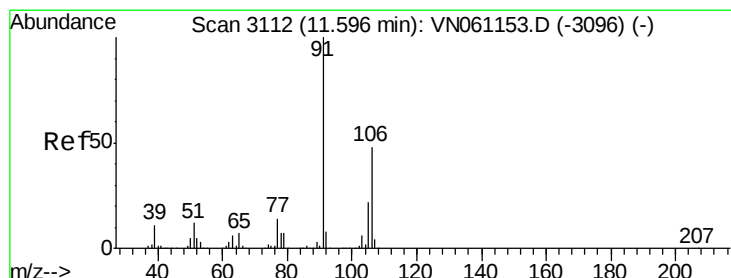
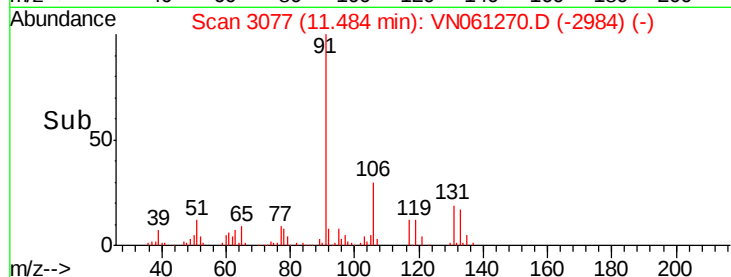
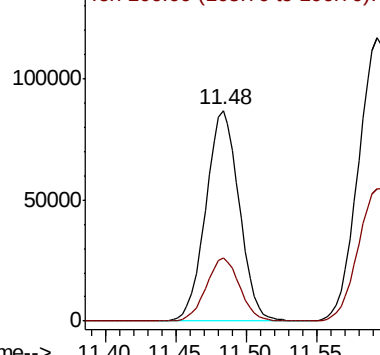
Ion Ratio Lower Upper

91 100

106 29.8 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3063) (-)



#68

m/p-Xylenes

Concen: 42.042 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061270.D

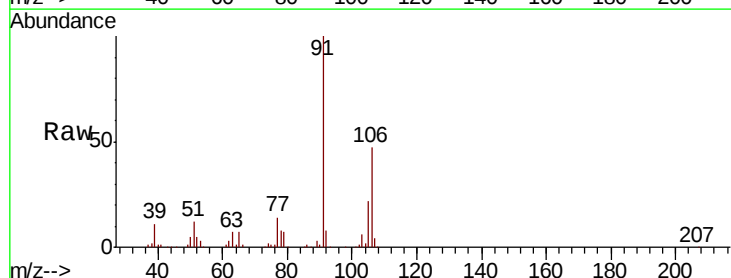
Acq: 4 May 2020 12:00

Tgt Ion:106 Resp: 106647

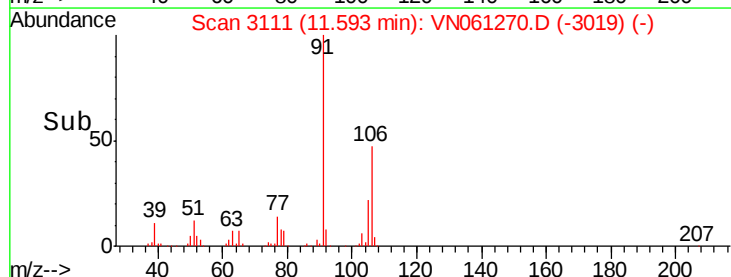
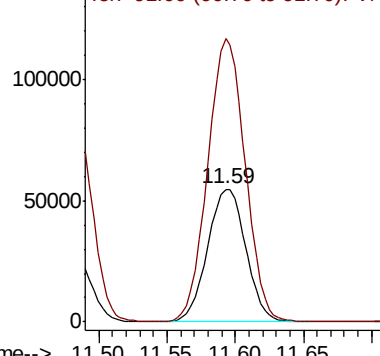
Ion Ratio Lower Upper

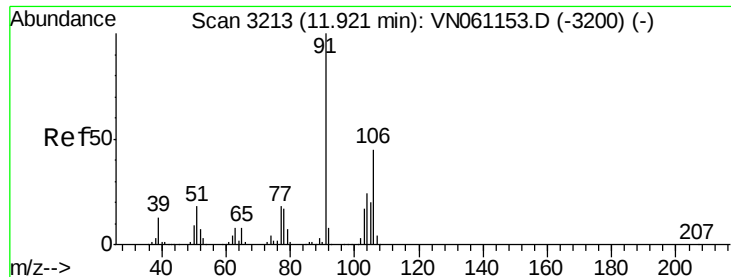
106 100

91 209.1 166.4 249.6



Abundance Ion 106.00 (105.70 to 106.70): VN061153.D (-3096) (-)

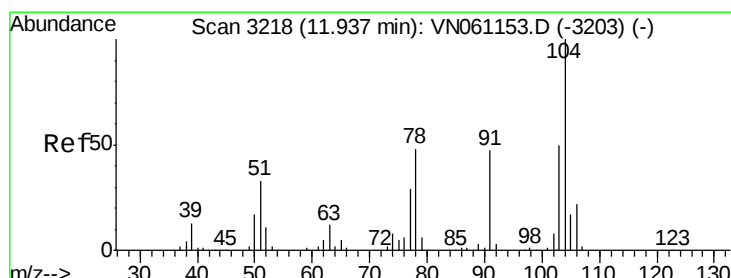
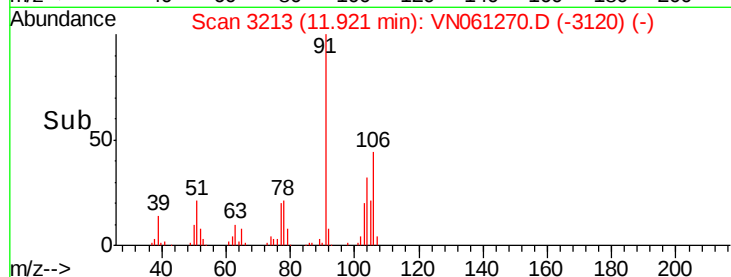
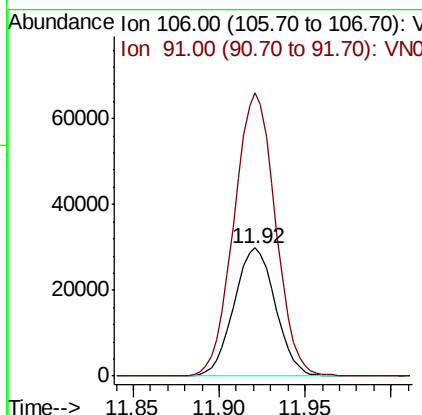
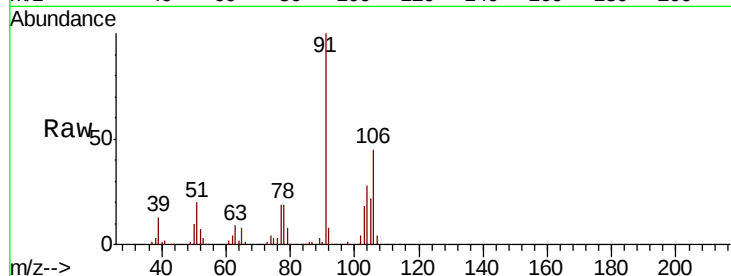




#69
o-Xylene
Concen: 20.514 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

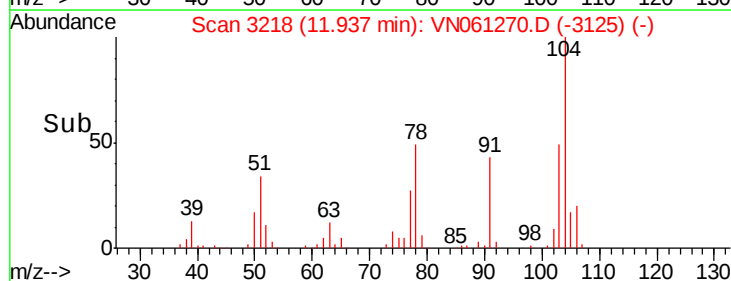
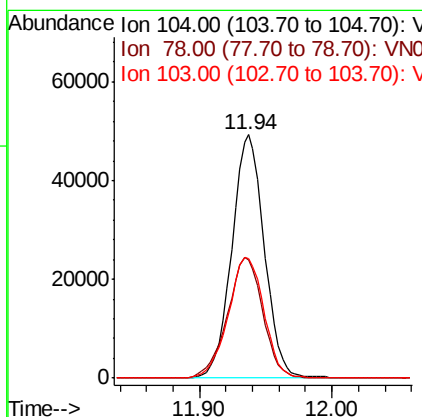
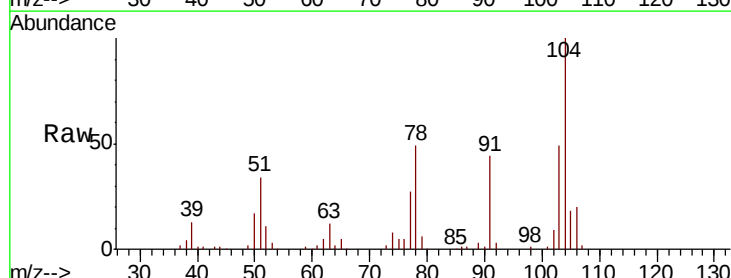
Instrument :
MSVOA_N
ClientSampled :

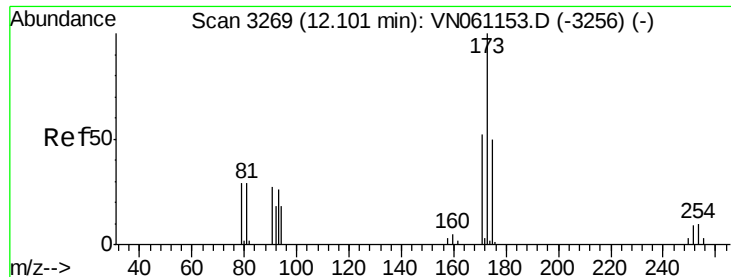
Tot Ion:106 Resp: 49987
Ion Ratio Lower Upper
106 100
91 220.8 109.7 329.0



#70
Styrene
Concen: 20.513 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion:104 Resp: 83656
Ion Ratio Lower Upper
104 100
78 54.0 42.1 63.1
103 54.6 43.3 64.9





#71

Bromoform

Concen: 20.802 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

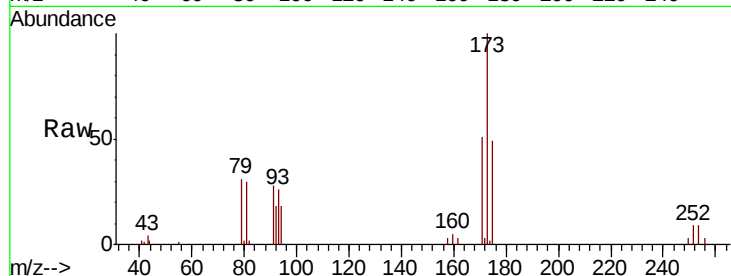
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:173 Resp: 20257

Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.1	72.4
254	0.0	0.0	0.0

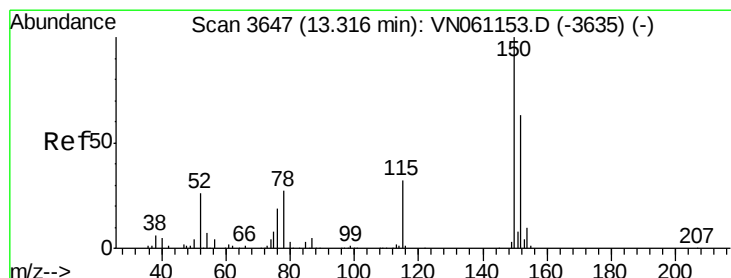
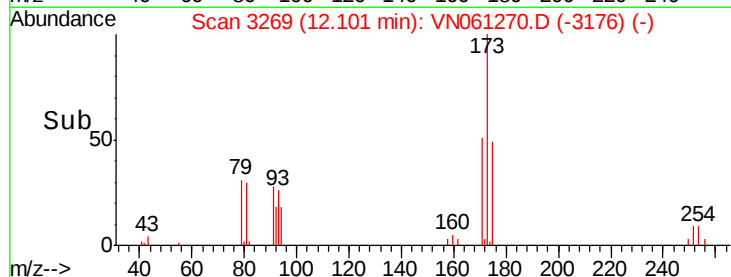
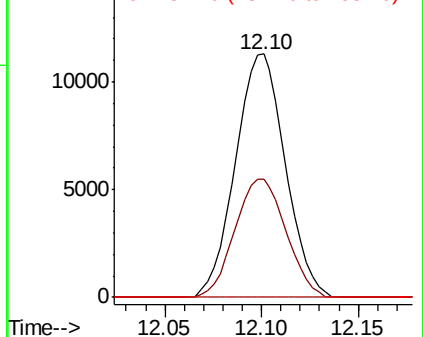


Abundance

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# 3647

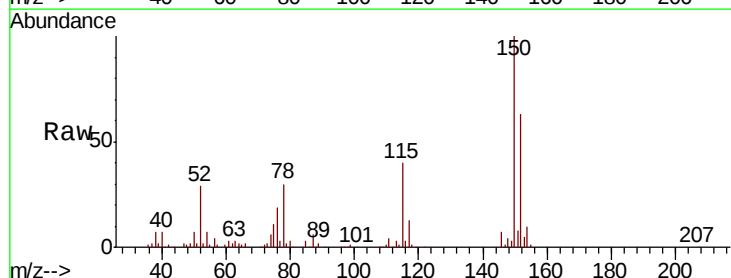
Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion:152 Resp: 87694

Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.0	93.0
150	162.6	0.0	351.8

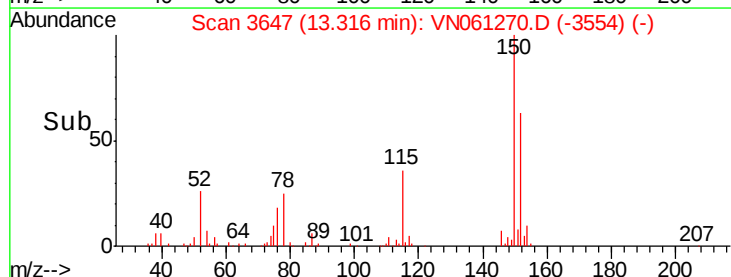
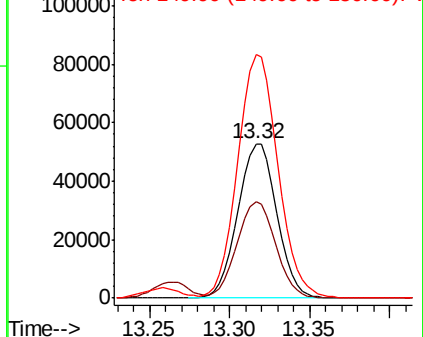


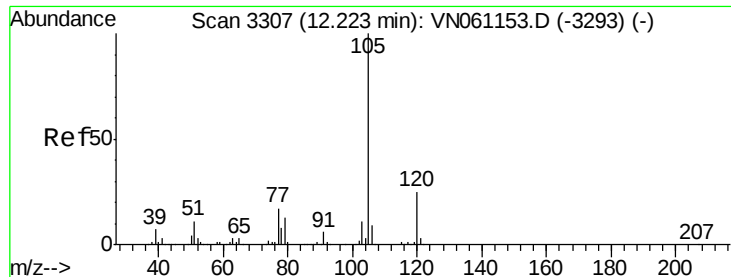
Abundance

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: 21.232 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

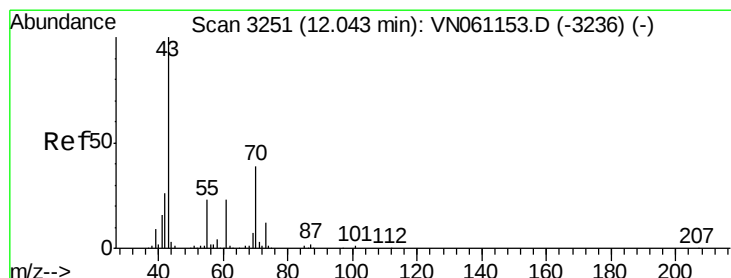
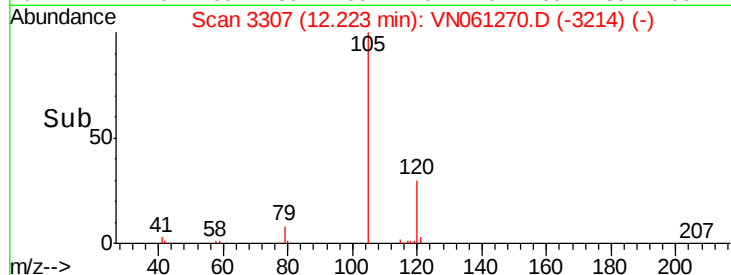
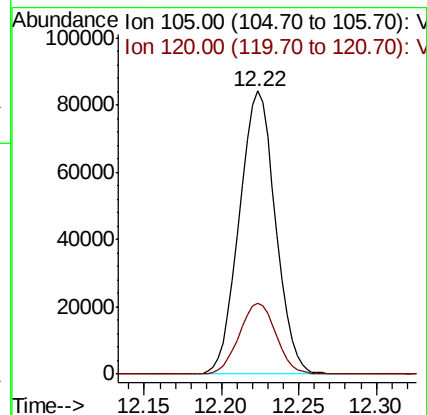
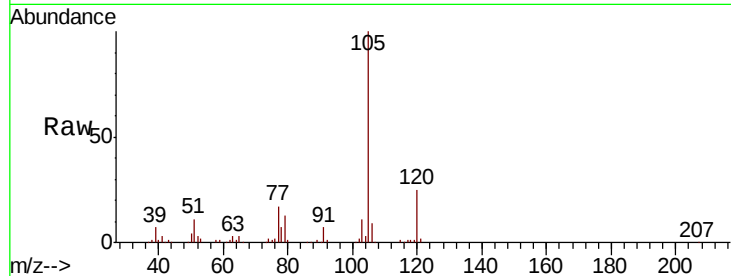
ClientSampleId :

Tot Ion:105 Resp: 136876

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 20.861 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Tgt Ion: 43 Resp: 68101

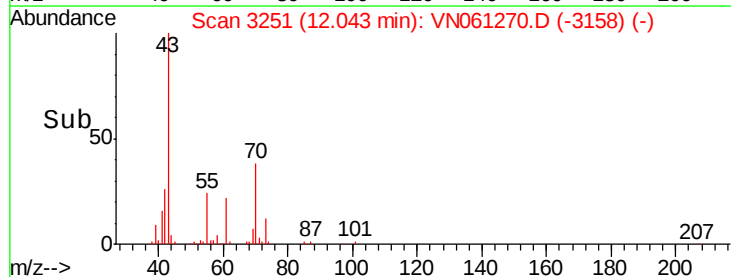
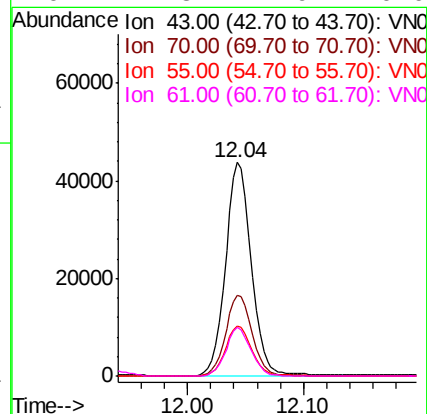
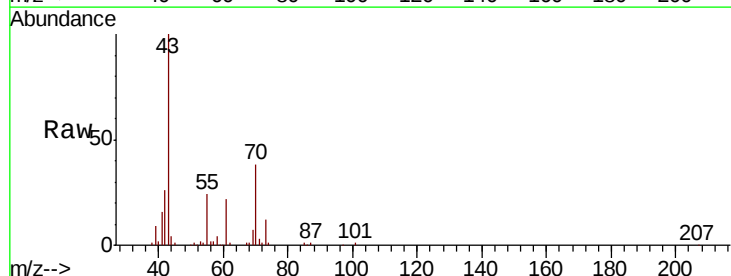
Ion Ratio Lower Upper

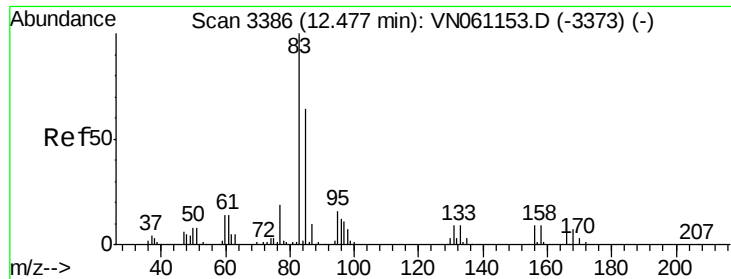
43 100

70 38.2 30.6 46.0

55 23.9 18.5 27.7

61 21.8 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.121 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

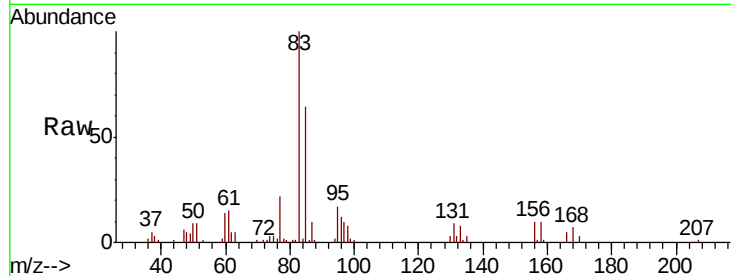
Tot Ion: 83 Resp: 44468

Ion Ratio Lower Upper

83 100

131 9.0 4.8 14.3

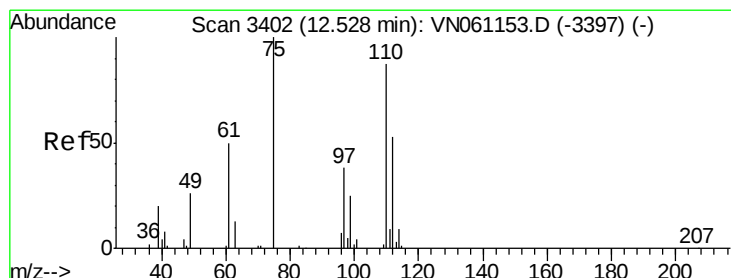
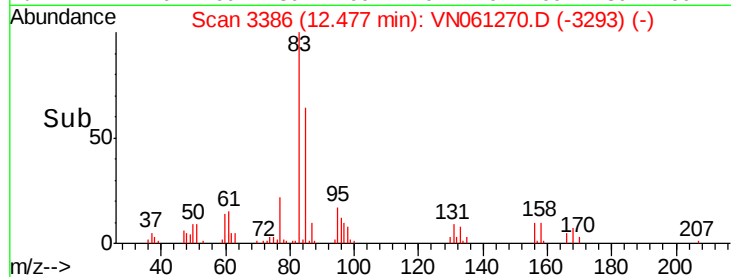
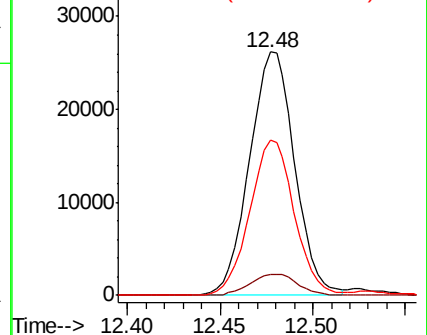
85 62.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061270.D (-3293) (-)

Ion 130.80 (130.50 to 131.50): VN061270.D (-3293) (-)

Ion 84.90 (84.60 to 85.60): VN061270.D (-3293) (-)



#76

1,2,3-Trichloropropane

Concen: 32.553 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061270.D

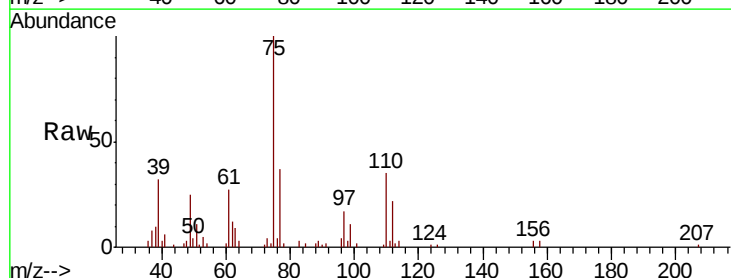
Acq: 4 May 2020 12:00

Tgt Ion: 75 Resp: 60184

Ion Ratio Lower Upper

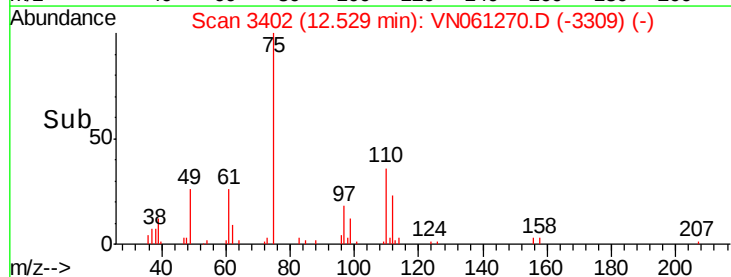
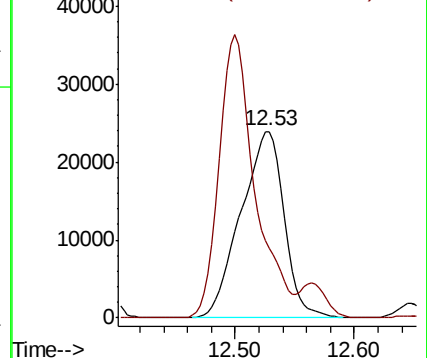
75 100

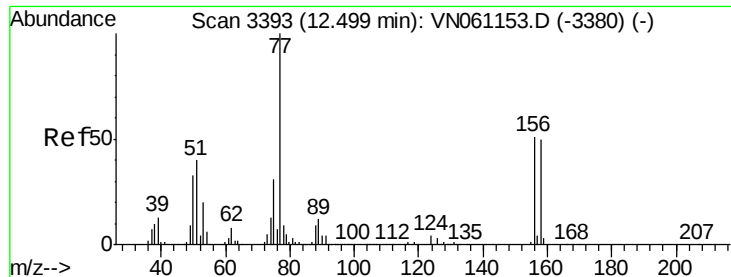
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061270.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061270.D (-3309) (-)





#77

Bromobenzene

Concen: 21.315 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampled :

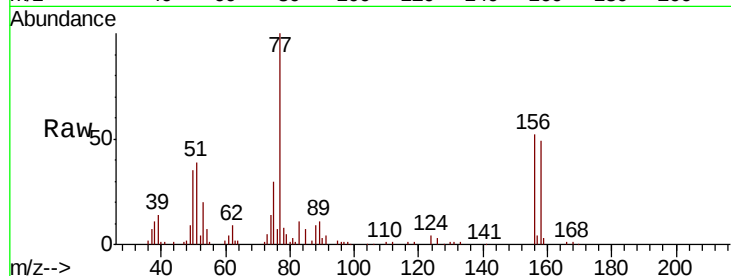
Tot Ion:156 Resp: 31721

Ion	Ratio	Lower	Upper
156	100		
77	240.4	117.4	352.2
158	95.5	48.4	145.0

156 100

77 240.4 117.4 352.2

158 95.5 48.4 145.0

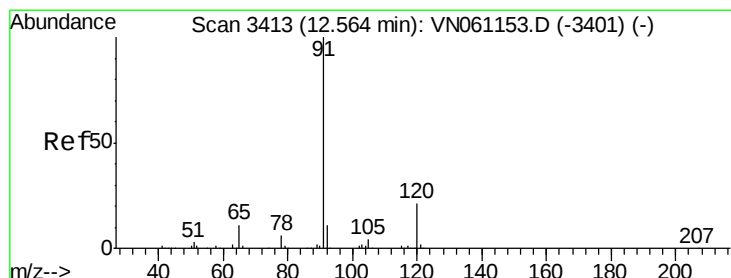
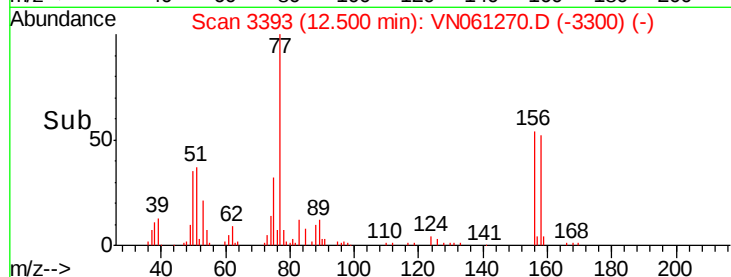
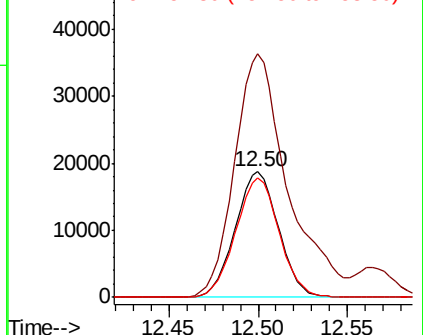


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.598 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061270.D

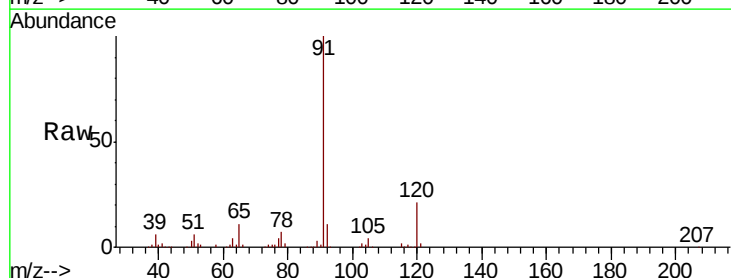
Acq: 4 May 2020 12:00

Tgt Ion: 91 Resp: 165155

Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.3

91 100

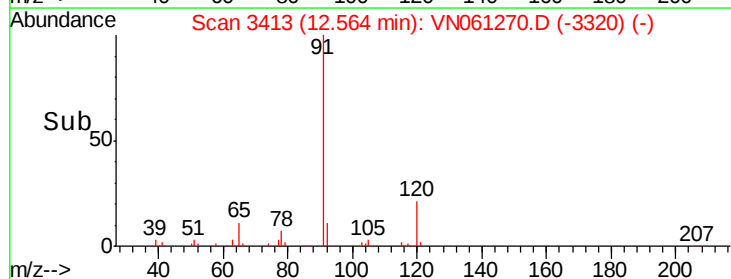
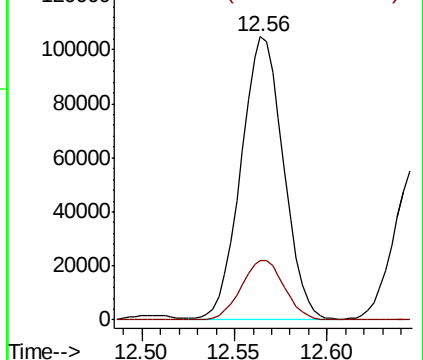
120 21.4 10.8 32.3

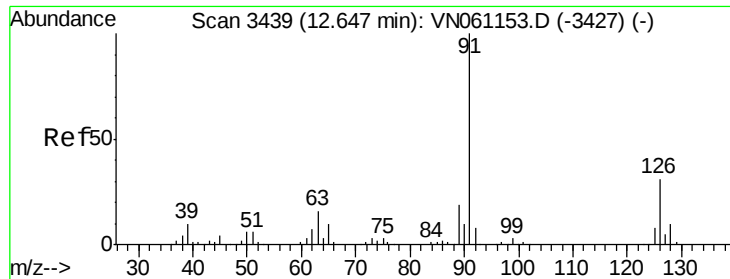


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.539 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

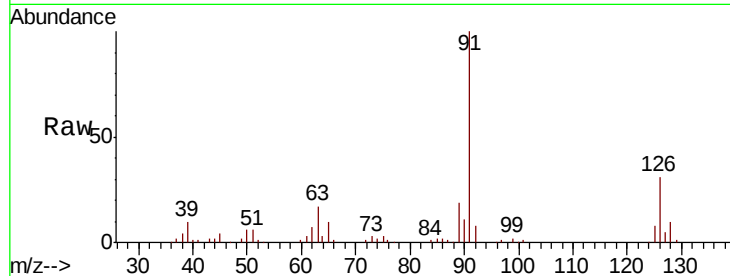
ClientSampleId :

Tot Ion: 91 Resp: 96809

Ion Ratio Lower Upper

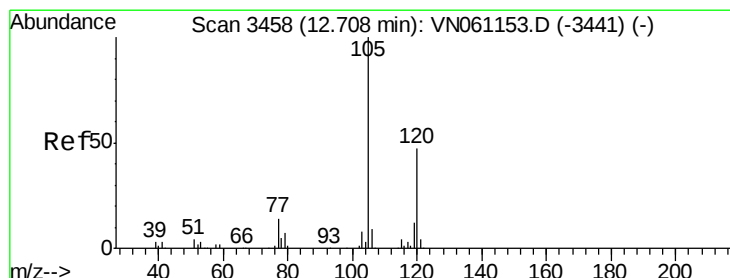
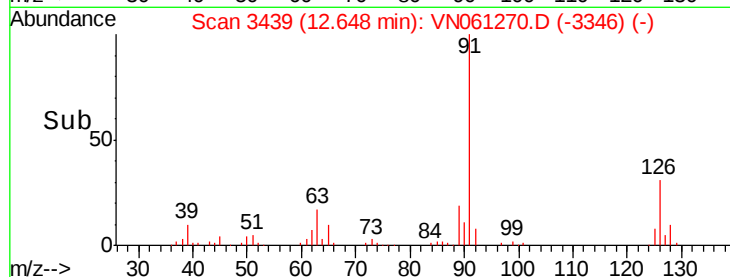
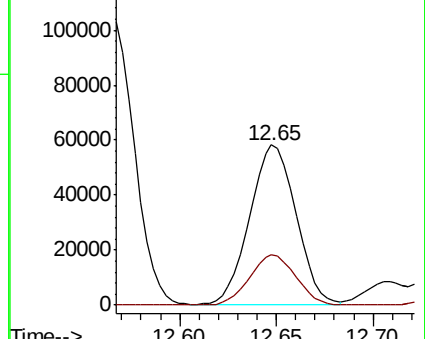
91 100

126 31.3 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.565 ug/l

RT: 12.71 min Scan# 3457

Delta R.T. -0.00 min

Lab File: VN061270.D

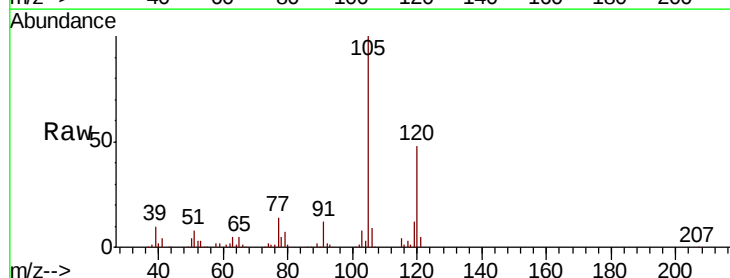
Acq: 4 May 2020 12:00

Tgt Ion:105 Resp: 115067

Ion Ratio Lower Upper

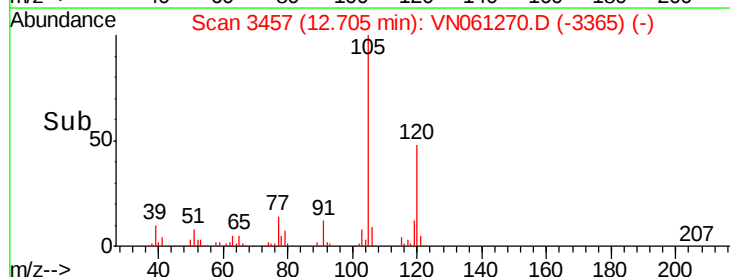
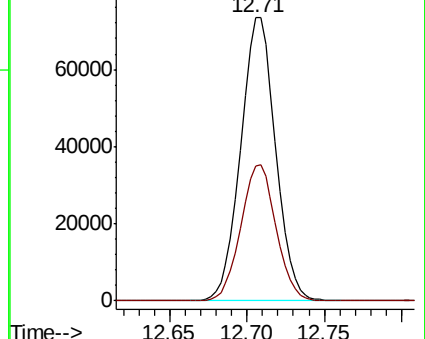
105 100

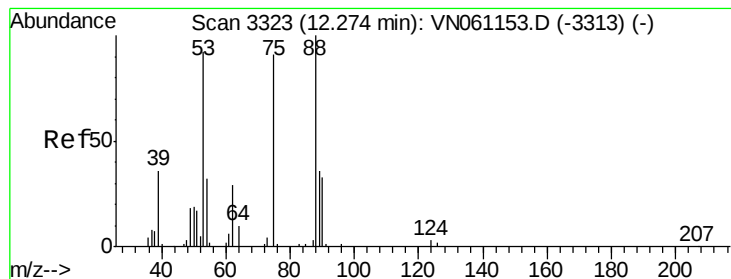
120 48.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)

Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.194 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

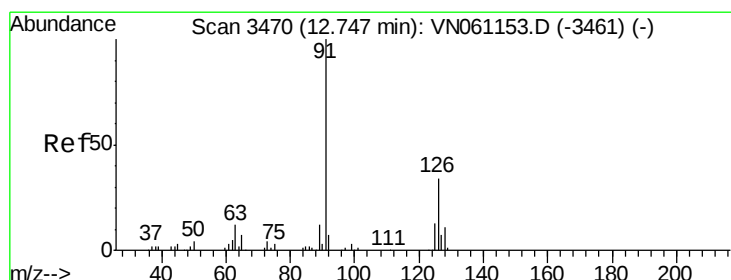
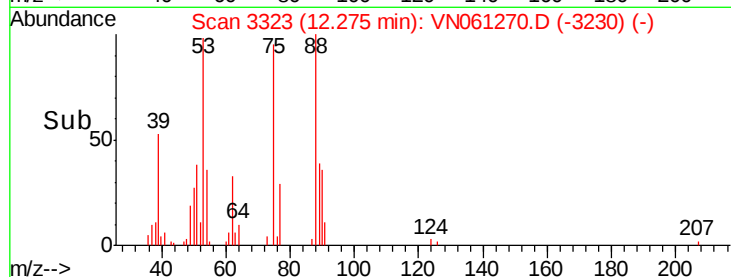
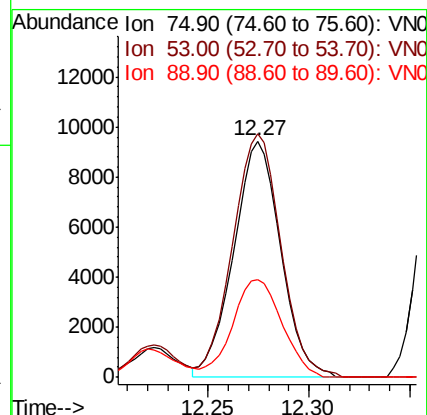
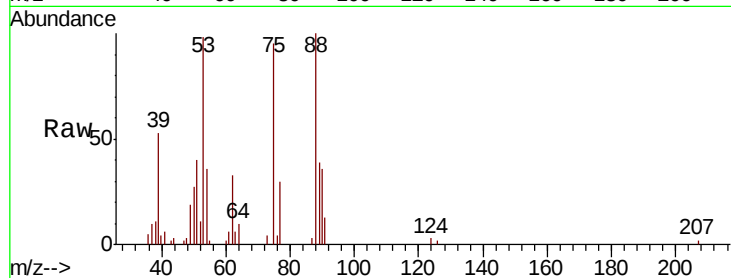
Tot Ion: 75 Resp: 15430

Ion Ratio Lower Upper

75 100

53 105.5 84.1 126.1

89 43.4 35.2 52.8



#82

4-Chlorotoluene

Concen: 21.706 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061270.D

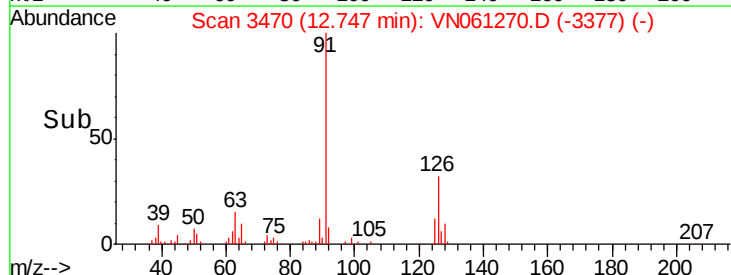
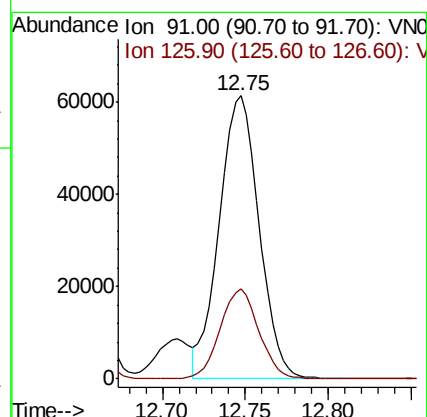
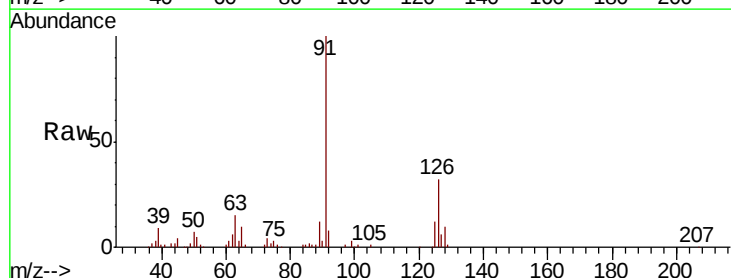
Acq: 4 May 2020 12:00

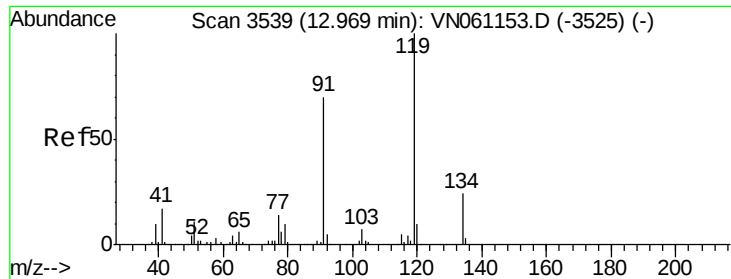
Tgt Ion: 91 Resp: 102823

Ion Ratio Lower Upper

91 100

126 30.8 15.7 47.1

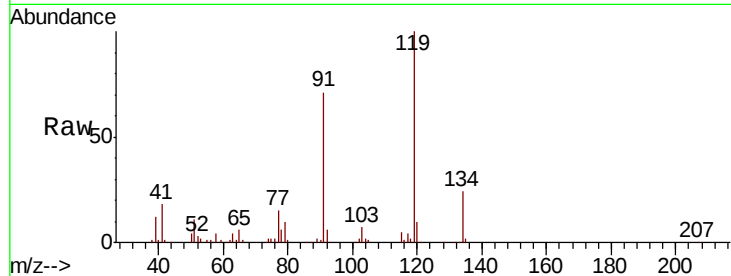




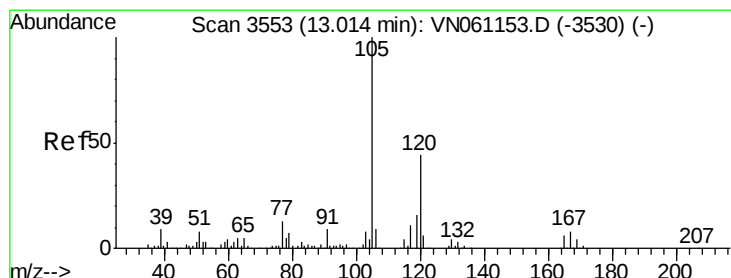
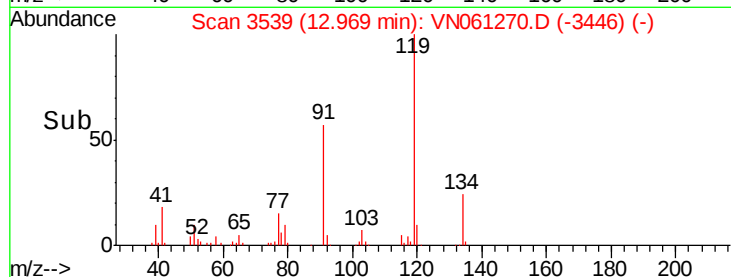
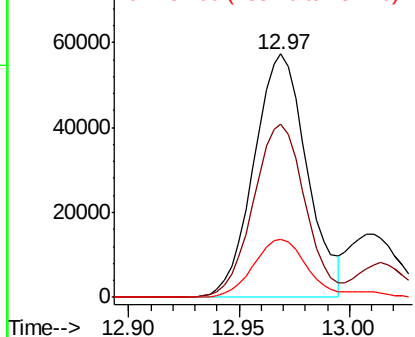
#83
 tert-Butylbenzene
 Concen: 21.229 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 95513
 Ion Ratio Lower Upper
 119 100
 91 69.3 34.8 104.4
 134 24.0 12.9 38.7

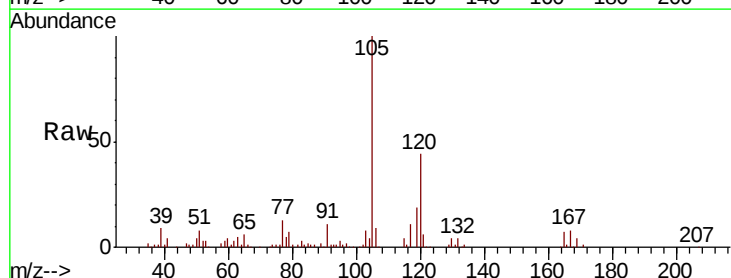


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

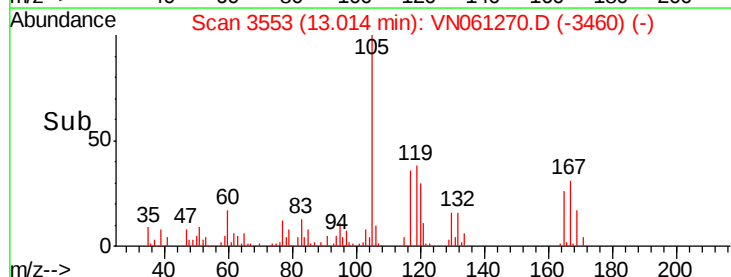
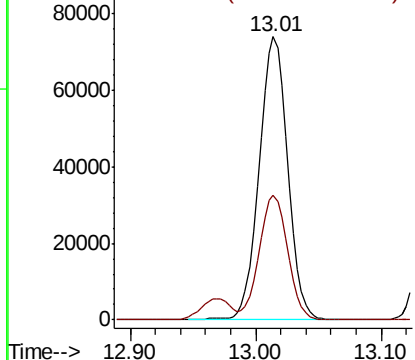


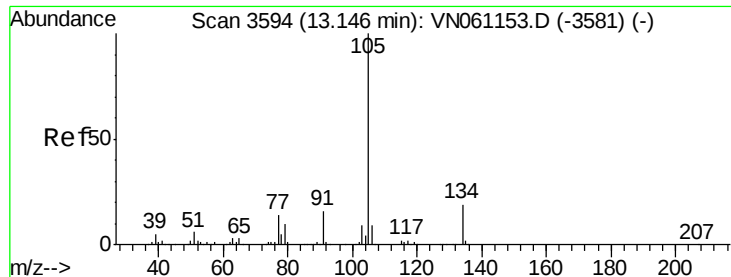
#84
 1,2,4-Trimethylbenzene
 Concen: 21.263 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion:105 Resp: 116889
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.504 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

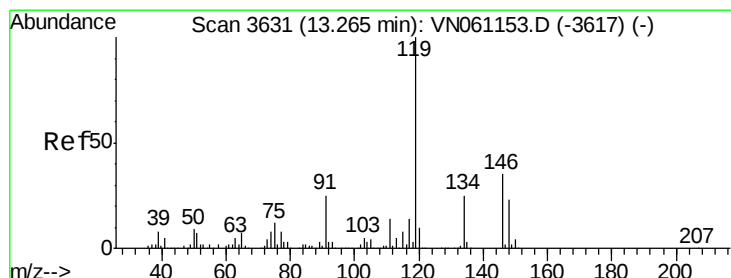
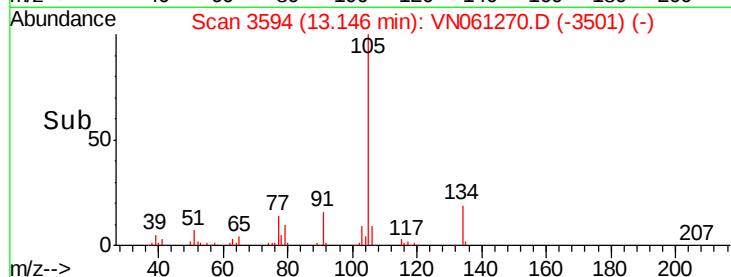
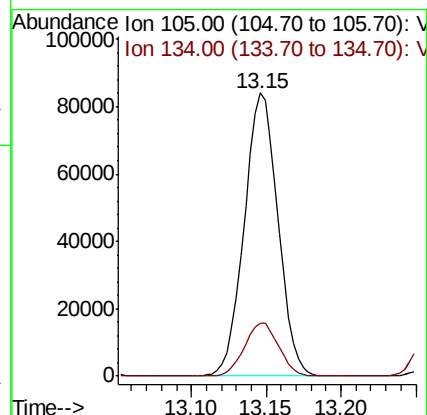
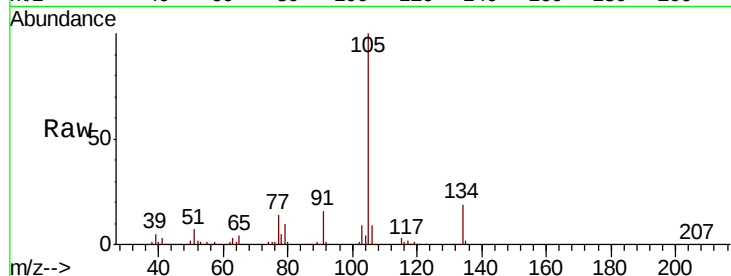
ClientSampleId :

Tot Ion:105 Resp: 131908

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 21.502 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

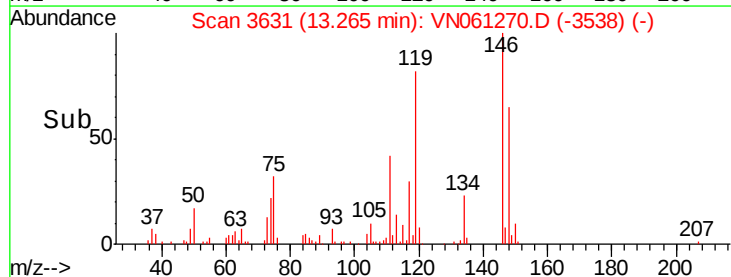
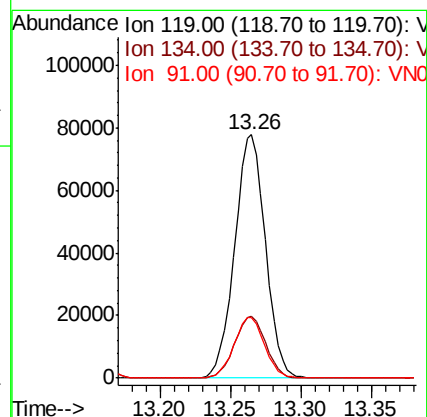
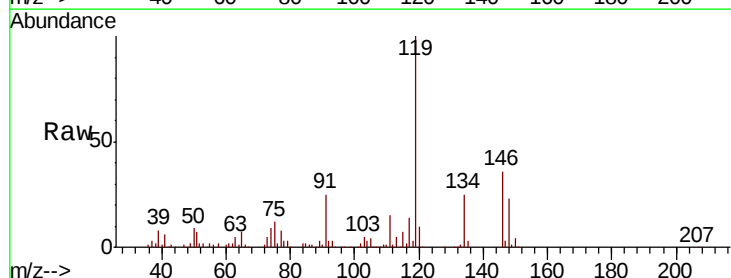
Tgt Ion:119 Resp: 118836

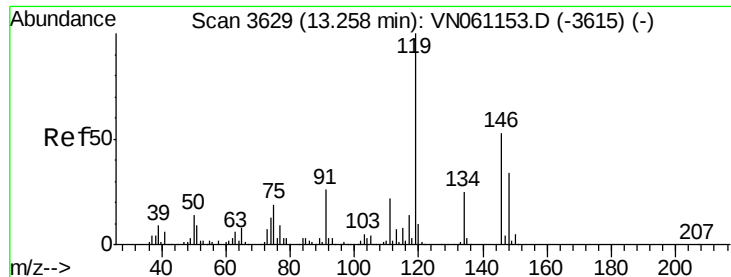
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

91 24.8 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 21.388 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

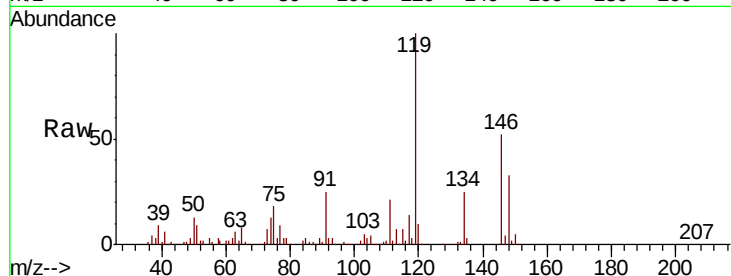
Tot Ion:146 Resp: 58597

Ion Ratio Lower Upper

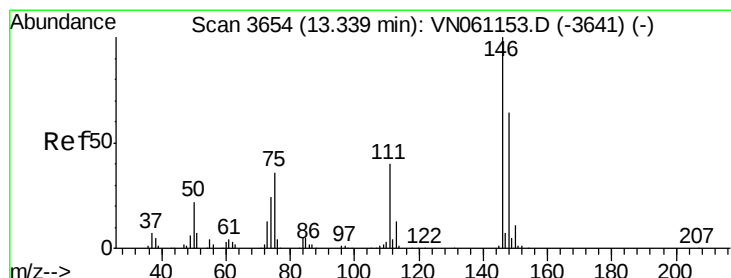
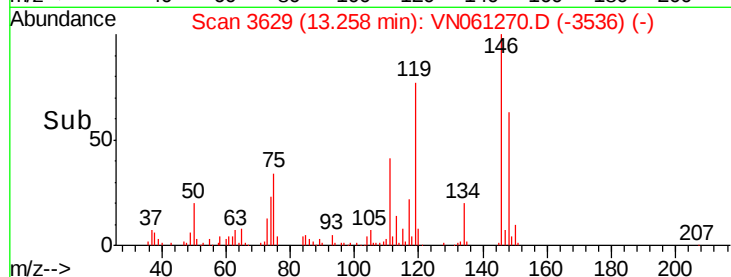
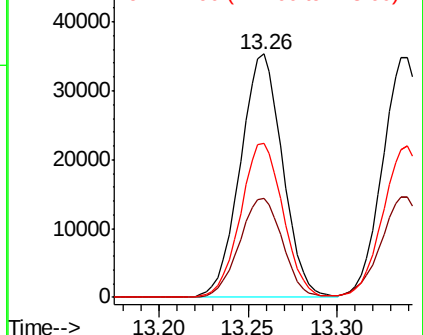
146 100

111 41.5 20.7 62.1

148 63.7 31.8 95.3



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: 20.856 ug/l

RT: 13.34 min Scan# 3653

Delta R.T. -0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

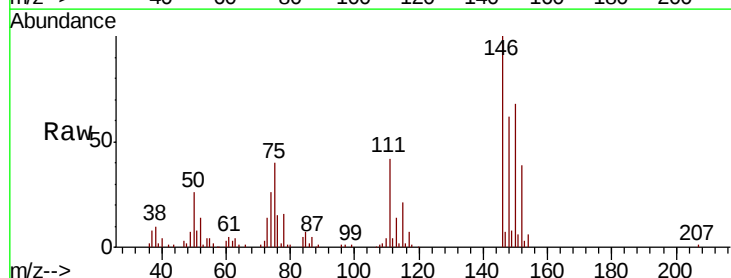
Tgt Ion:146 Resp: 58381

Ion Ratio Lower Upper

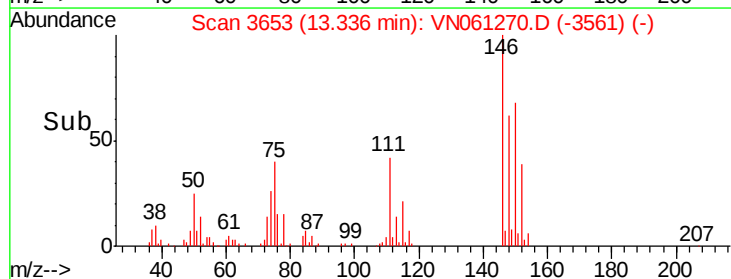
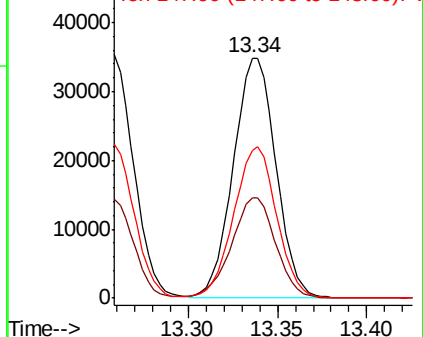
146 100

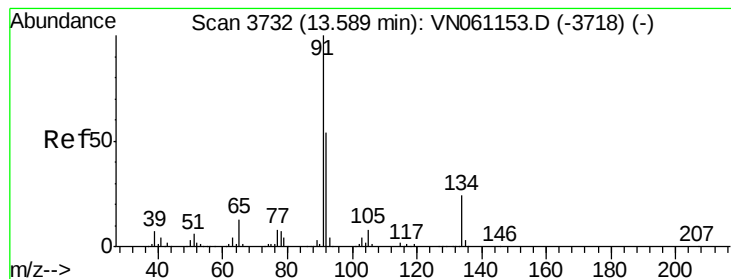
111 43.3 20.4 61.3

148 63.4 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: 21.175 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061270.D

Acq: 4 May 2020 12:00

Instrument :

MSVOA_N

ClientSampleId :

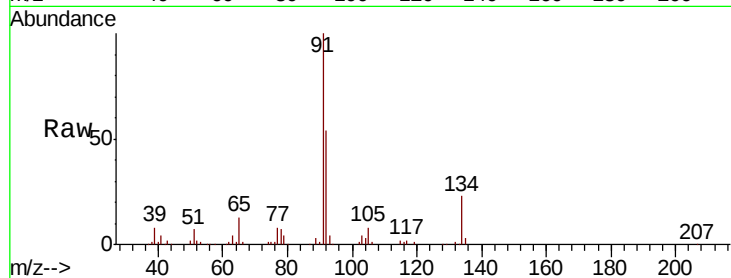
Tot Ion: 91 Resp: 107285

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.3

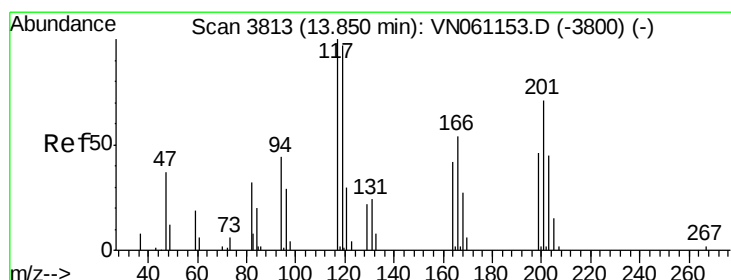
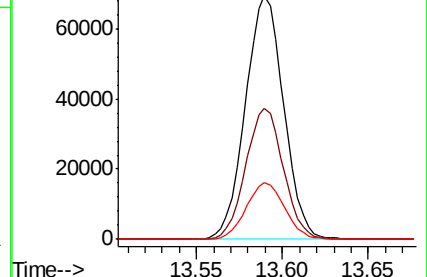
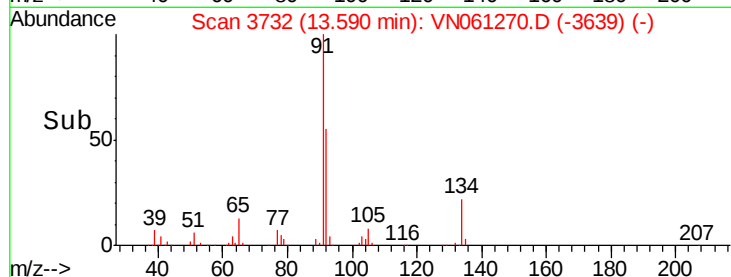
134 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN061270.D (-3639) (-)

Ion 92.00 (91.70 to 92.70): VN061270.D (-3639) (-)

Ion 134.00 (133.70 to 134.70): VN061270.D (-3639) (-)



#90

Hexachloroethane

Concen: 26.103 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061270.D

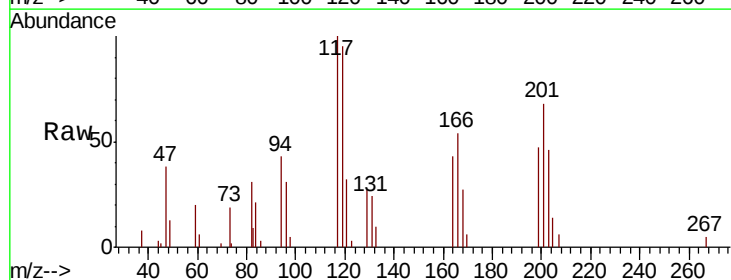
Acq: 4 May 2020 12:00

Tgt Ion: 117 Resp: 12568

Ion Ratio Lower Upper

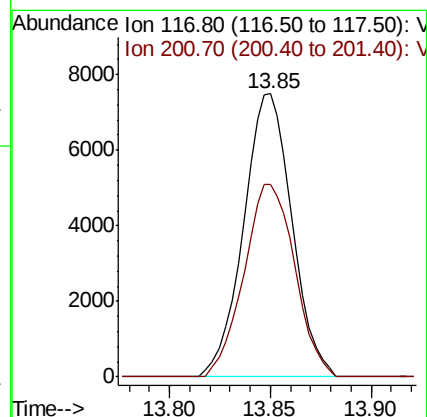
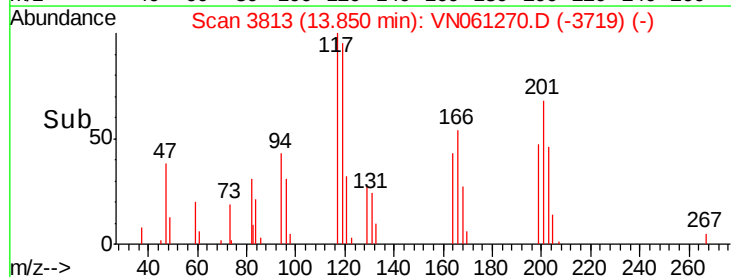
117 100

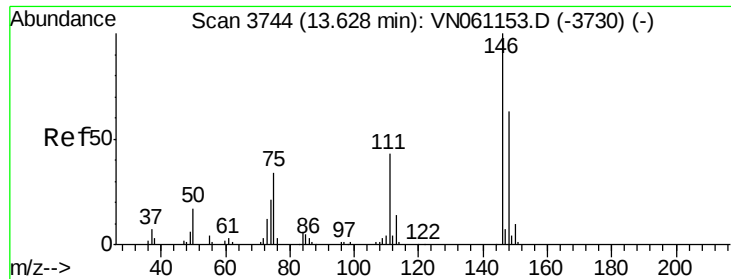
201 71.4 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN061270.D (-3719) (-)

Ion 200.70 (200.40 to 201.40): VN061270.D (-3719) (-)

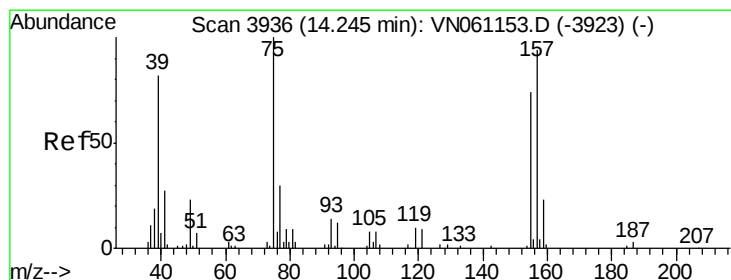
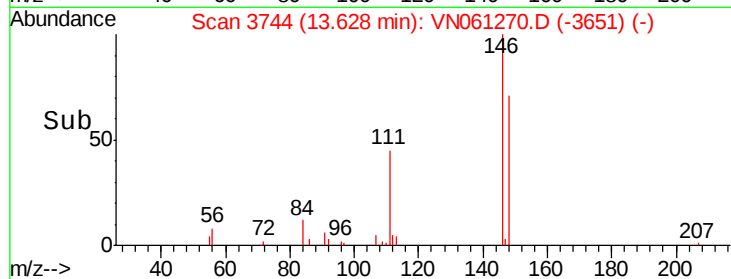
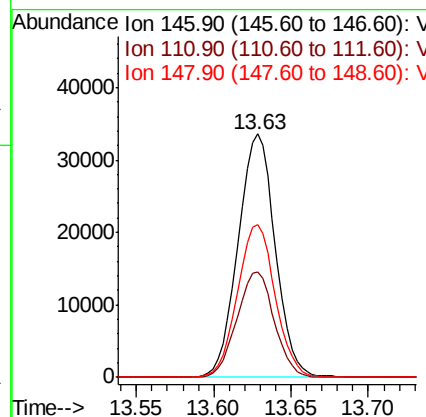
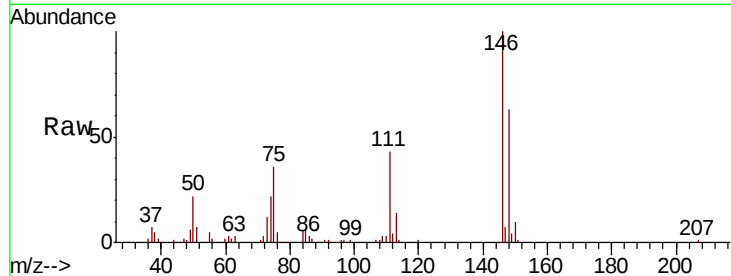




#91
 1,2-Dichlorobenzene
 Concen: 21.284 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

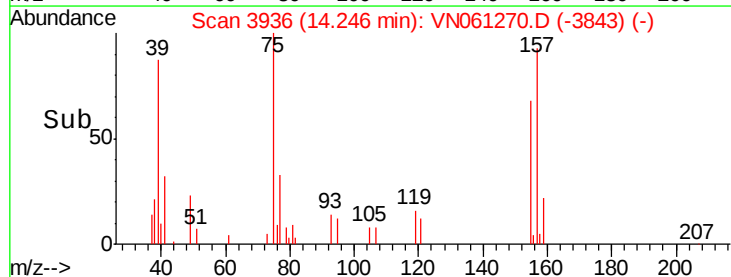
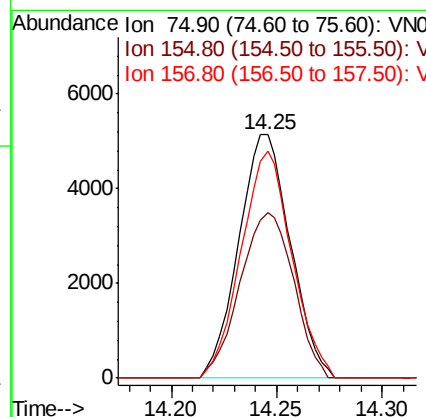
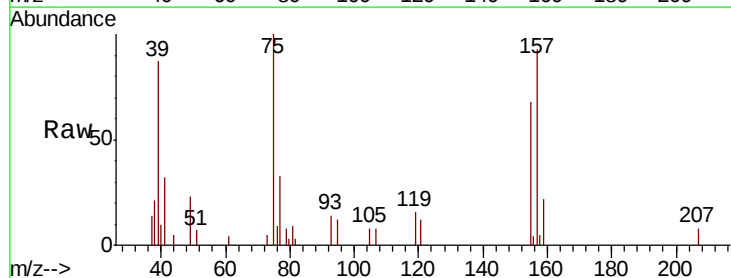
Instrument :
 MSVOA_N
 ClientSampled :

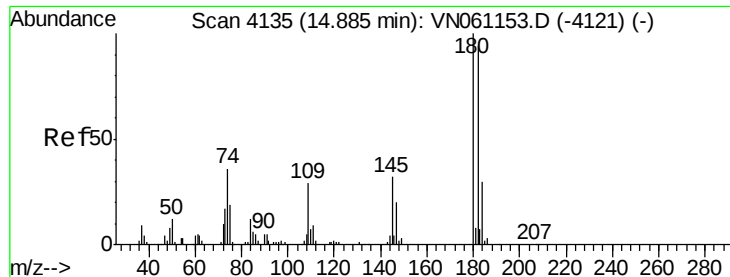
Tot Ion:146 Resp: 55912
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.8 65.3
 148 63.4 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.640 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion: 75 Resp: 8763
 Ion Ratio Lower Upper
 75 100
 155 70.4 36.5 109.7
 157 91.4 46.6 139.7

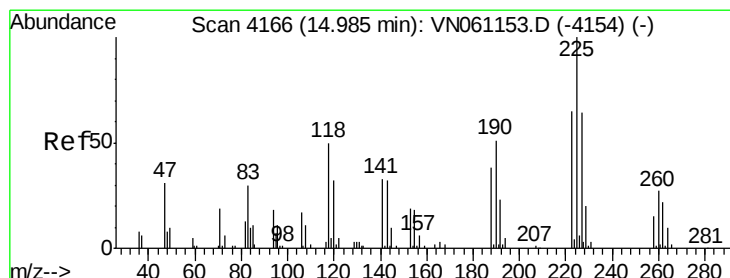
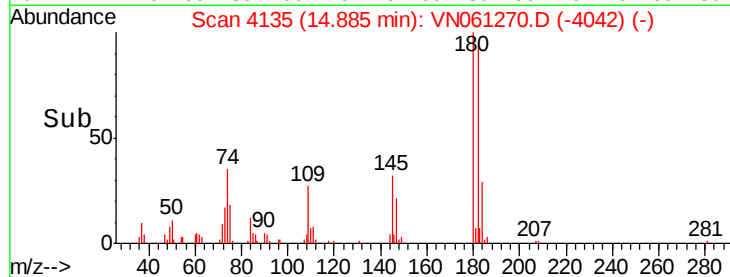
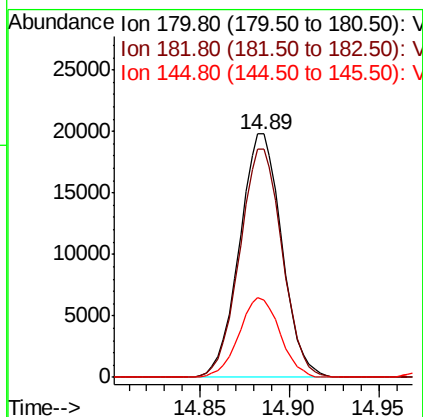
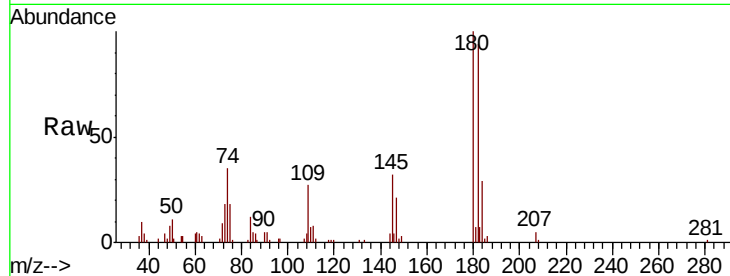




#93
 1,2,4-Trichlorobenzene
 Concen: 20.395 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

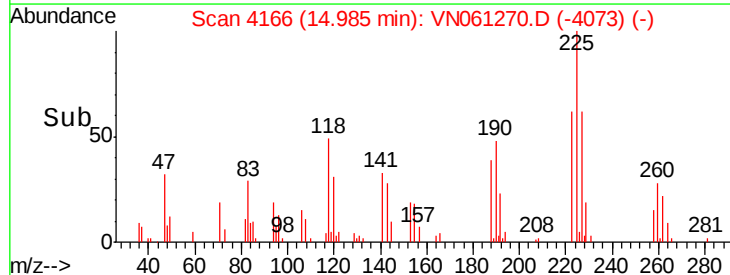
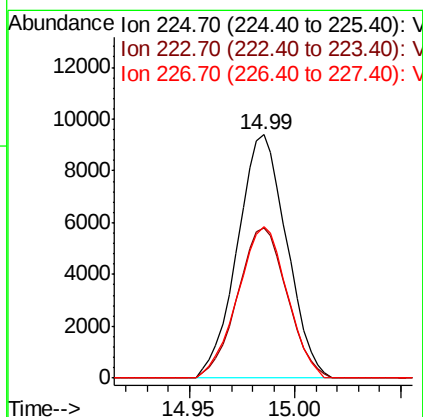
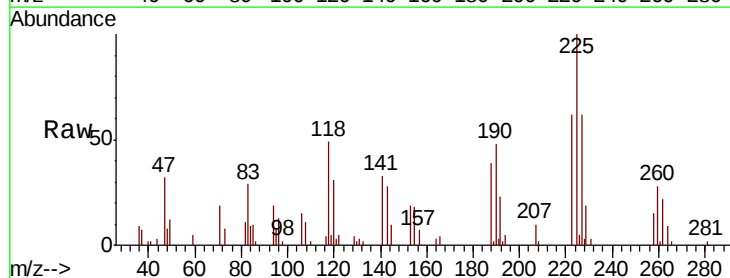
Instrument :
 MSVOA_N
 ClientSampled :

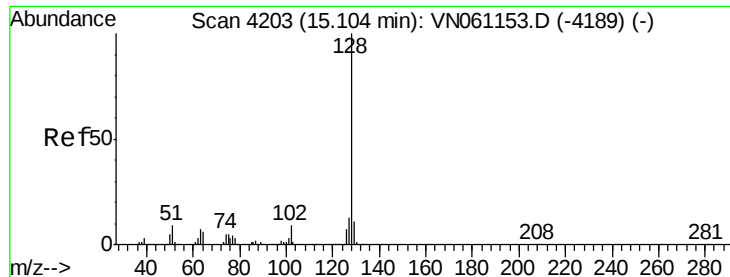
Tot Ion:180 Resp: 32625
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.9
 145 31.7 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 22.776 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061270.D
 Acq: 4 May 2020 12:00

Tgt Ion:225 Resp: 15221
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.4 97.0
 227 62.5 32.4 97.0

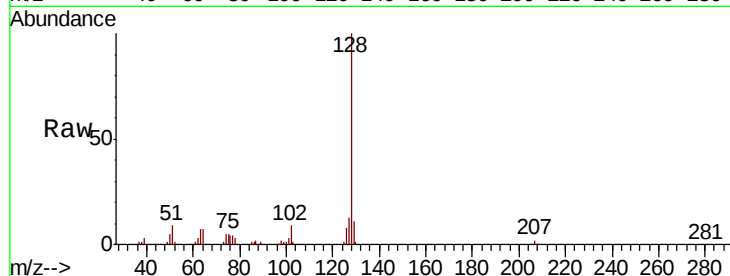




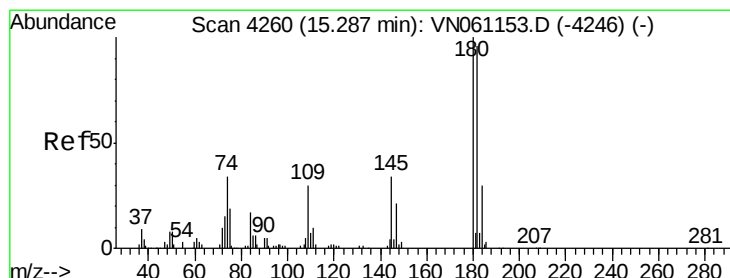
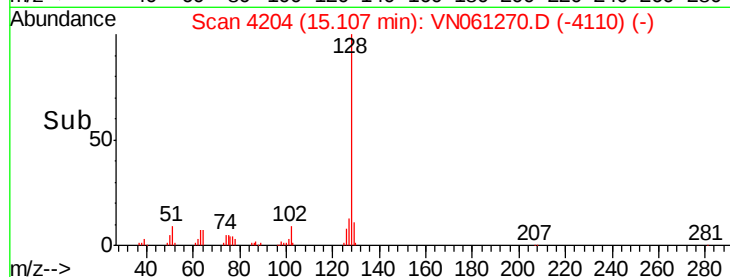
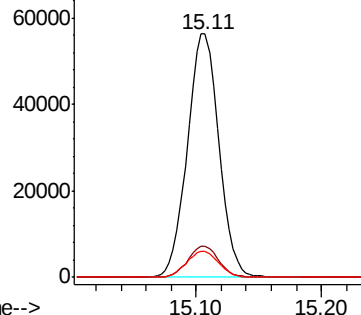
#95
Naphthalene
Concen: 18.899 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 98456
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.8 8.7 13.1

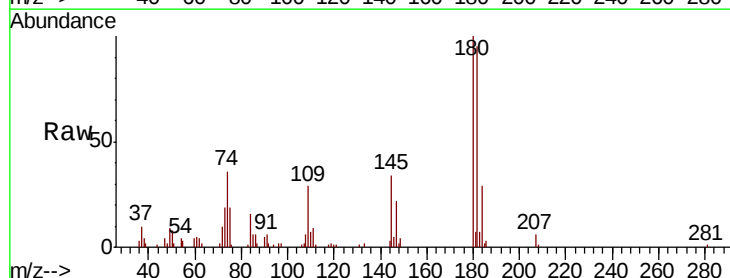


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.383 ug/l
RT: 15.29 min Scan# 4260
Delta R.T. 0.00 min
Lab File: VN061270.D
Acq: 4 May 2020 12:00

Tgt Ion:180 Resp: 32191
Ion Ratio Lower Upper
180 100
182 94.3 47.5 142.5
145 34.0 16.9 50.7



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

