

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061546.D
 Acq On : 28 May 2020 22:03
 Operator : JC/MD
 Sample : VN0528WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Quant Time: May 29 02:17:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	323630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	578147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	543227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256083	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	206917	53.66	ug/l	0.00
Spiked Amount			Recovery	=	107.32%	
35) Dibromofluoromethane	7.55	113	157557	53.72	ug/l	0.00
Spiked Amount			Recovery	=	107.44%	
50) Toluene-d8	10.06	98	656230	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	235618	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	67652	18.838	ug/l	99
3) Chloromethane	2.03	50	84982	21.529	ug/l	99
4) Vinyl Chloride	2.16	62	114823	21.227	ug/l	100
5) Bromomethane	2.54	94	67998	21.908	ug/l	98
6) Chloroethane	2.67	64	73938	21.236	ug/l	99
7) Trichlorofluoromethane	2.98	101	138691	19.883	ug/l	99
8) Diethyl Ether	3.37	74	42336	19.849	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57239	18.492	ug/l	97
10) Methyl Iodide	3.91	142	86903	20.225	ug/l	100
11) Tert butyl alcohol	4.73	59	51683	100.772	ug/l	97
12) 1,1-Dichloroethene	3.69	96	64880	19.619	ug/l	98
13) Acrolein	3.57	56	15699	85.502	ug/l	100
14) Allyl chloride	4.27	41	85123	19.689	ug/l	98
15) Acrylonitrile	4.93	53	142914	99.833	ug/l	98
16) Acetone	3.77	43	111365	101.105	ug/l	95
17) Carbon Disulfide	4.01	76	153774	21.136	ug/l	97
18) Methyl Acetate	4.28	43	68696	19.681	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	227612	20.195	ug/l	99
20) Methylene Chloride	4.50	84	73144	19.820	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	72604	19.468	ug/l	95
22) Diisopropyl ether	5.90	45	195973	20.567	ug/l	97
23) Vinyl Acetate	5.84	43	771176	101.542	ug/l	100
24) 1,1-Dichloroethane	5.80	63	121814	20.160	ug/l	98
25) 2-Butanone	6.79	43	177260	97.001	ug/l	99
26) 2,2-Dichloropropane	6.78	77	96468	17.443	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	85104	20.153	ug/l	99
28) Bromochloromethane	7.15	49	50588	21.506	ug/l	97
29) Tetrahydrofuran	7.17	42	121905	101.165	ug/l	99
30) Chloroform	7.33	83	136331	20.394	ug/l	99
31) Cyclohexane	7.61	56	101865	18.745	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	121341	19.921	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92126	18.000	ug/l	98
37) Ethyl Acetate	6.88	43	76335	18.518	ug/l	96
38) Carbon Tetrachloride	7.73	117	91793	18.594	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	110093	17.452	ug/l	96
40) Benzene	8.00	78	298878	18.926	ug/l	99
41) Methacrylonitrile	7.13	41	36766	19.466	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	99935	18.903	ug/l	100
43) Isopropyl Acetate	8.13	43	142426	19.204	ug/l	99
44) Trichloroethene	8.80	130	86989	17.924	ug/l	98
45) 1,2-Dichloropropane	9.08	63	70759	18.870	ug/l	94
46) Dibromomethane	9.17	93	53841	18.721	ug/l	95
47) Bromodichloromethane	9.37	83	107058	18.789	ug/l	100
48) Methyl methacrylate	9.17	41	61897	18.550	ug/l	96
49) 1,4-Dioxane	9.17	88	17818	344.692	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	399090	95.491	ug/l	99
52) Toluene	10.13	92	192782	18.704	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	111860	18.224	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	121049	18.341	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	77246	18.811	ug/l	97
56) Ethyl methacrylate	10.40	69	108232	18.868	ug/l	99
57) 1,3-Dichloropropane	10.68	76	124509	18.958	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	225498	91.989	ug/l	99
59) 2-Hexanone	10.72	43	278648	92.836	ug/l	99
60) Dibromochloromethane	10.88	129	87176	18.674	ug/l	96
61) 1,2-Dibromoethane	10.98	107	82371	19.233	ug/l	97
64) Tetrachloroethene	10.61	164	87446	17.101	ug/l	99
65) Chlorobenzene	11.41	112	209110	18.519	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	77872	18.521	ug/l	100
67) Ethyl Benzene	11.48	91	354833	18.181	ug/l	99
68) m/p-Xylenes	11.60	106	283779	36.672	ug/l	100
69) o-Xylene	11.92	106	135541	18.441	ug/l	99
70) Styrene	11.94	104	225381	18.517	ug/l	99
71) Bromoform	12.10	173	56483	17.434	ug/l #	98
73) Isopropylbenzene	12.22	105	348530	18.647	ug/l	99
74) N-amyl acetate	12.05	43	114465	19.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	101209	19.323	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	128580	27.613	ug/l #	100
77) Bromobenzene	12.50	156	88890	18.632	ug/l	95
78) n-propylbenzene	12.56	91	389223	18.654	ug/l	99
79) 2-Chlorotoluene	12.65	91	233988	18.806	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	294221	18.834	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32348	17.765	ug/l	96
82) 4-Chlorotoluene	12.75	91	244741	18.698	ug/l	98
83) tert-Butylbenzene	12.97	119	247461	17.928	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	297705	19.183	ug/l	100
85) sec-Butylbenzene	13.15	105	324145	18.225	ug/l	99
86) p-Isopropyltoluene	13.26	119	301370	18.399	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	154845	18.328	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	155523	18.070	ug/l	98
89) n-Butylbenzene	13.59	91	249004	18.150	ug/l	98
90) Hexachloroethane	13.85	117	35616	19.662	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	151531	18.768	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	20106	18.822	ug/l	94

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

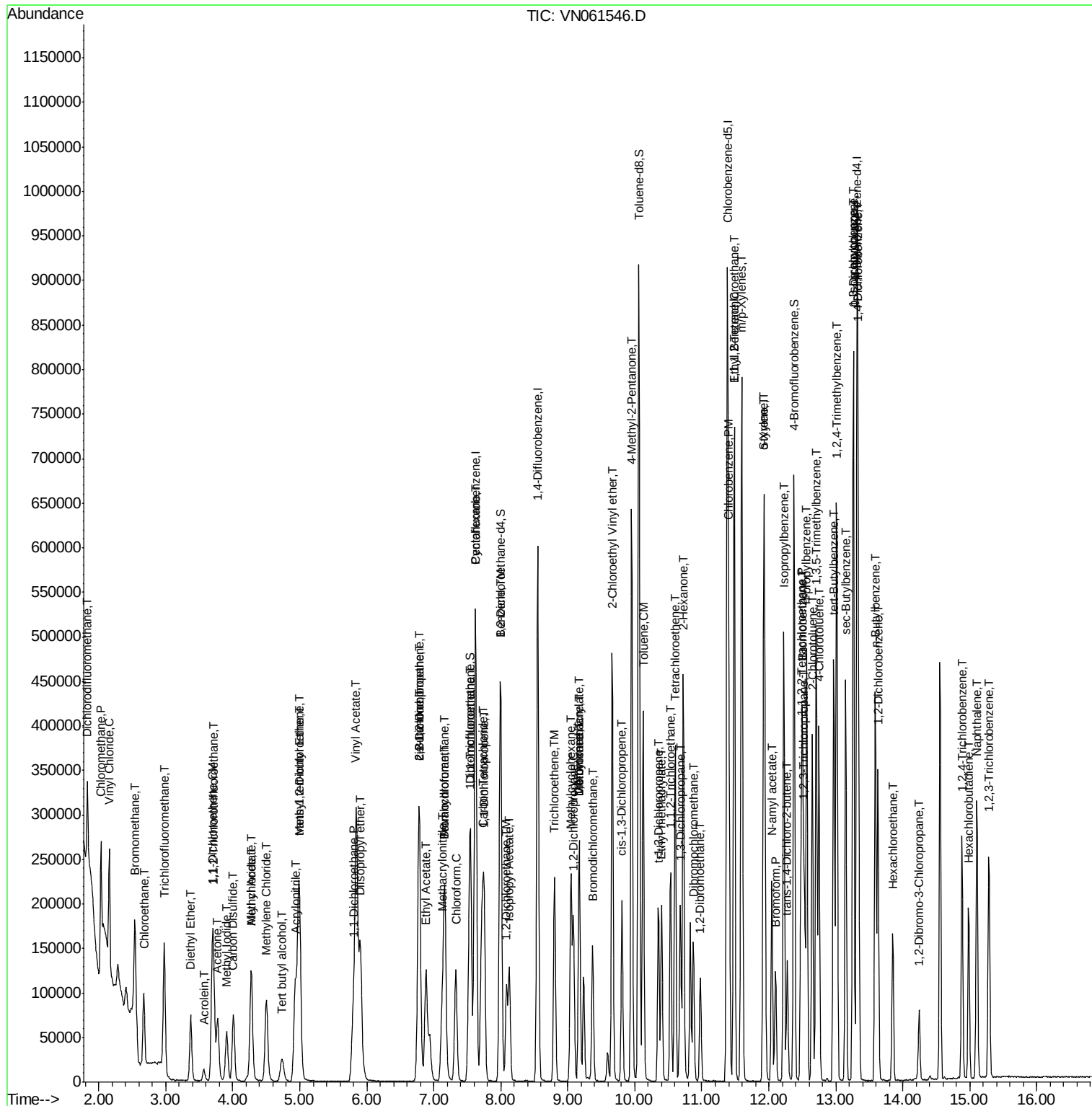
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	86001	18.213	ug/l	98
94) Hexachlorobutadiene	14.98	225	33580	16.675	ug/l	98
95) Naphthalene	15.10	128	275894	19.196	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	84843	18.275	ug/l	98

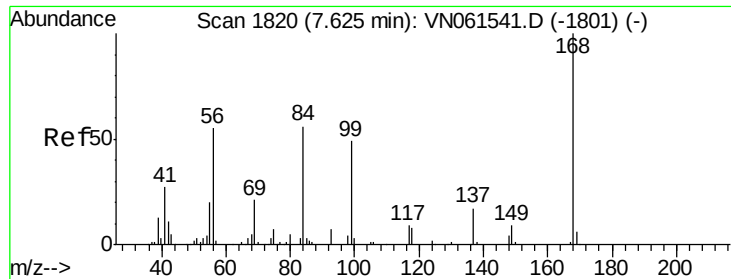
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061546.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

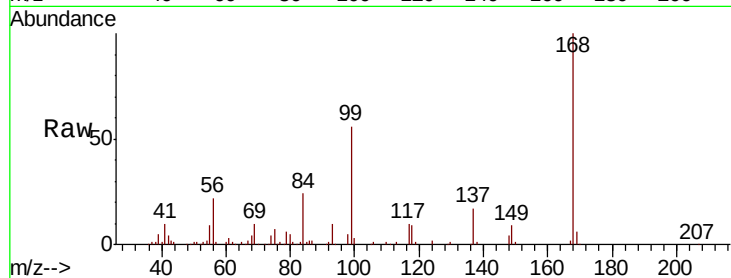
VN0528WBS01

Tot Ion:168 Resp: 323630

Ion Ratio Lower Upper

168 100

99 55.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

150000

100000

50000

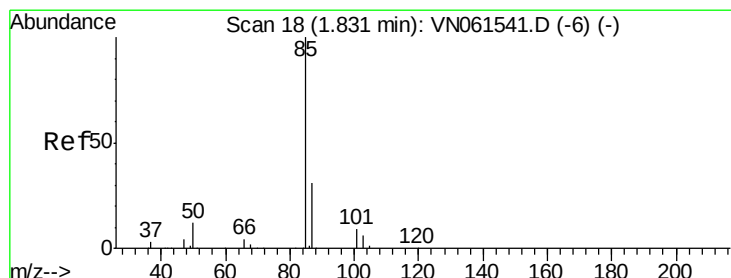
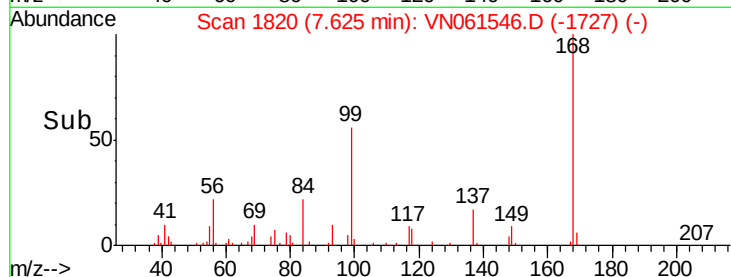
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.838 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061546.D

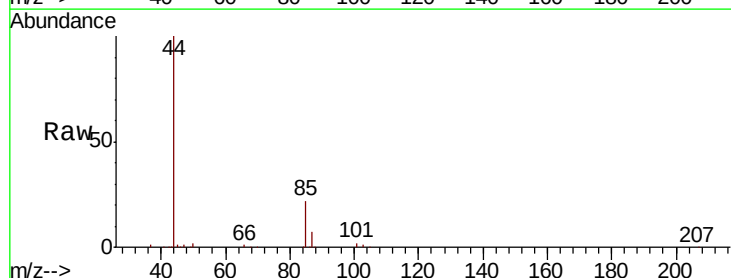
Acq: 28 May 2020 22:03

Tgt Ion: 85 Resp: 67652

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

20000

10000

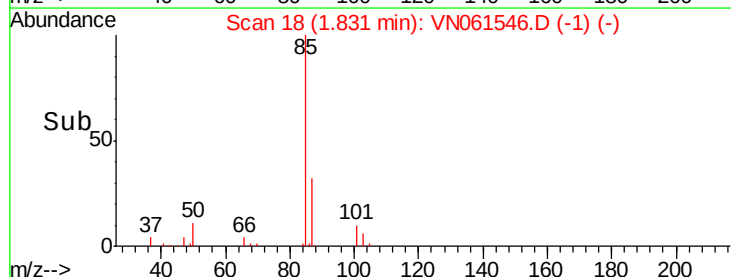
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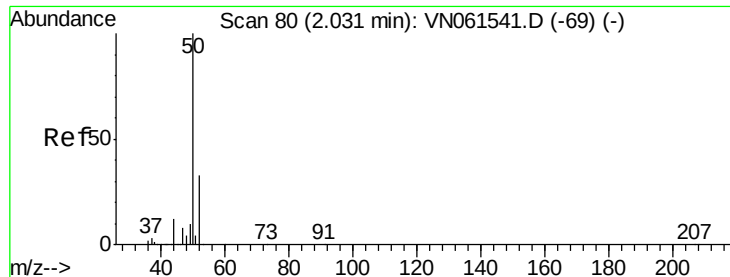
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 21.529 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

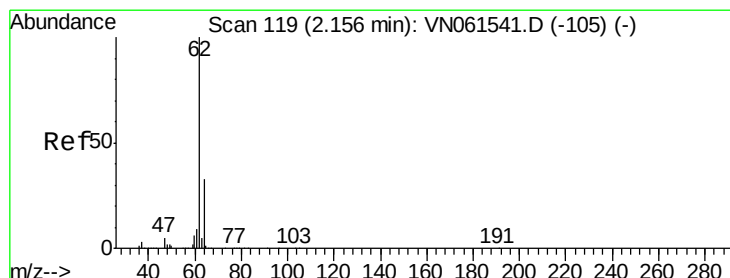
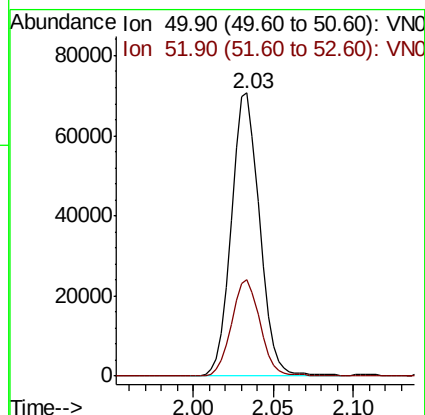
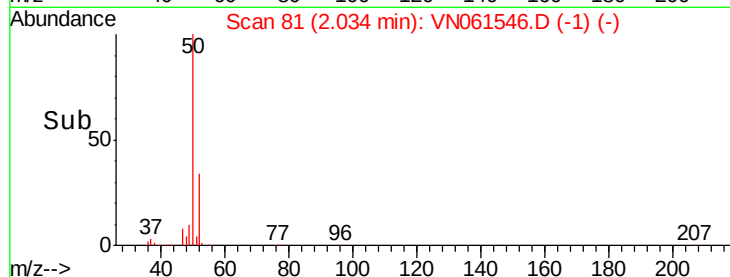
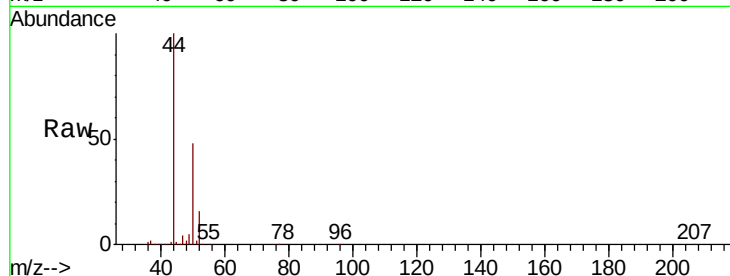
VN0528WBS01

Tot Ion: 50 Resp: 84982

Ion Ratio Lower Upper

50 100

52 33.9 26.7 40.1



#4

Vinyl Chloride

Concen: 21.227 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061546.D

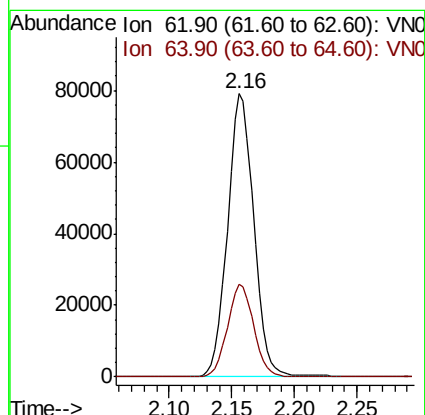
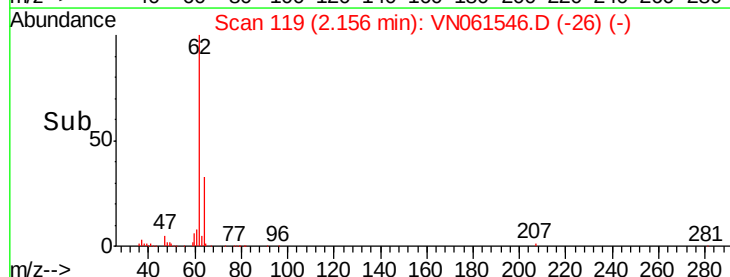
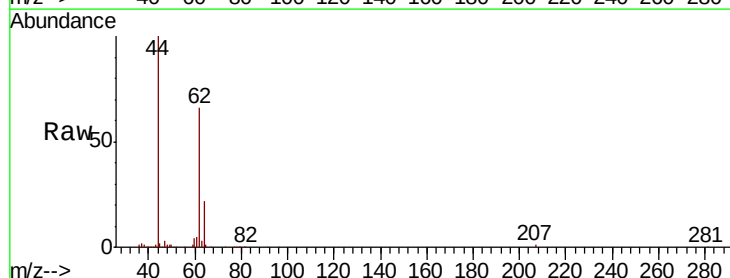
Acq: 28 May 2020 22:03

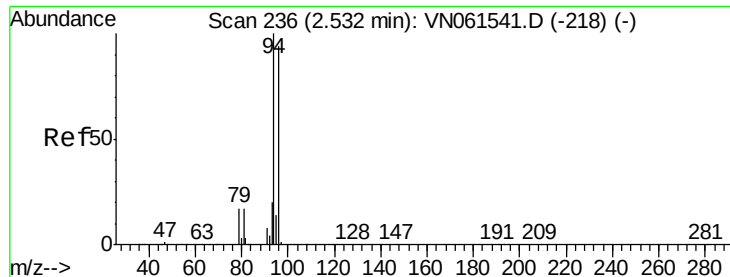
Tgt Ion: 62 Resp: 114823

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 21.908 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

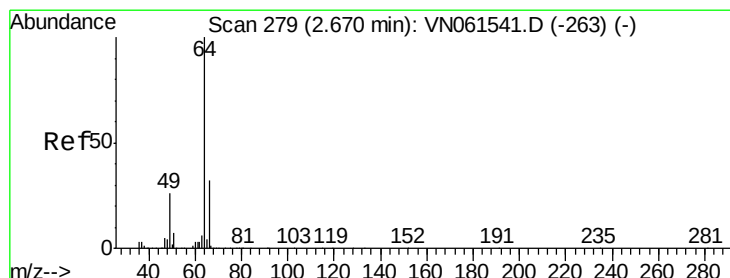
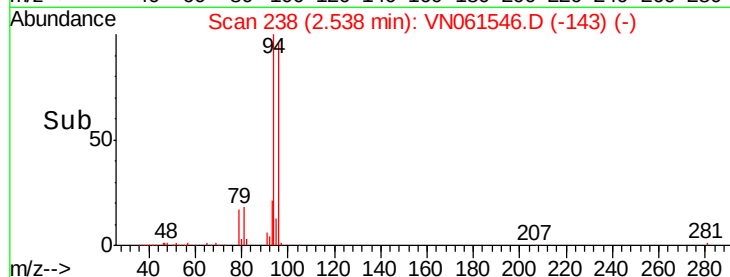
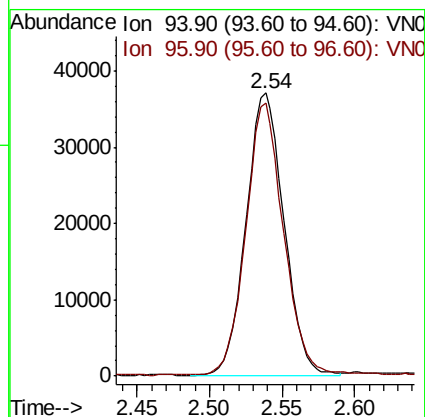
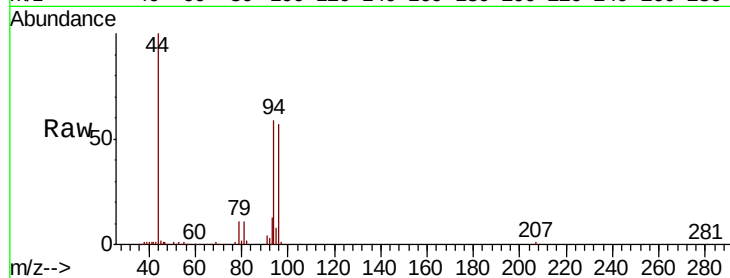
VN0528WBS01

Tot Ion: 94 Resp: 67998

Ion Ratio Lower Upper

94 100

96 95.8 74.8 112.2



#6

Chloroethane

Concen: 21.236 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061546.D

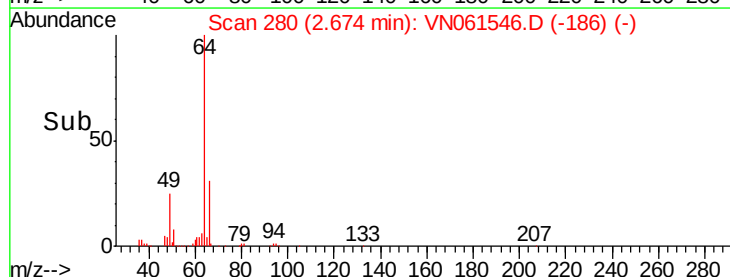
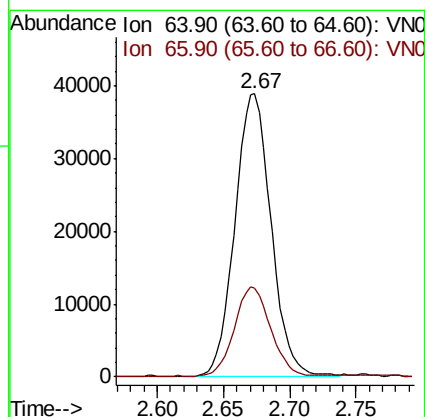
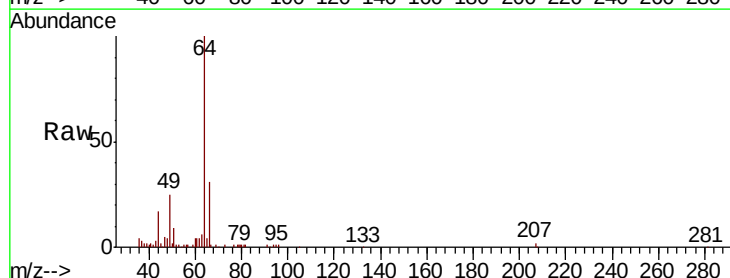
Acq: 28 May 2020 22:03

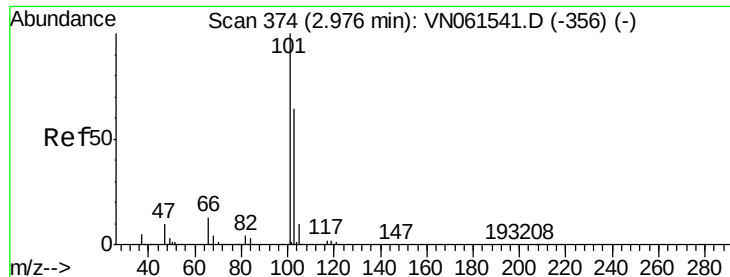
Tgt Ion: 64 Resp: 73938

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4



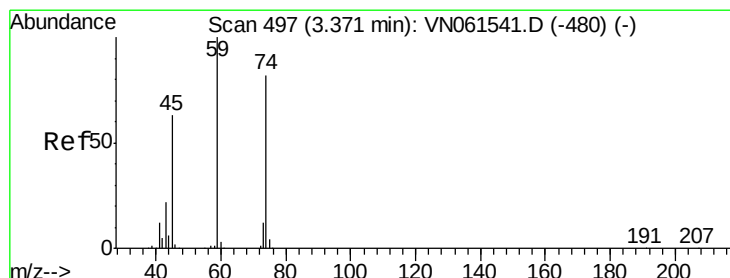
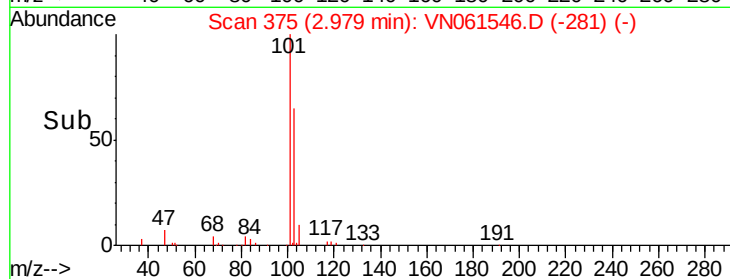
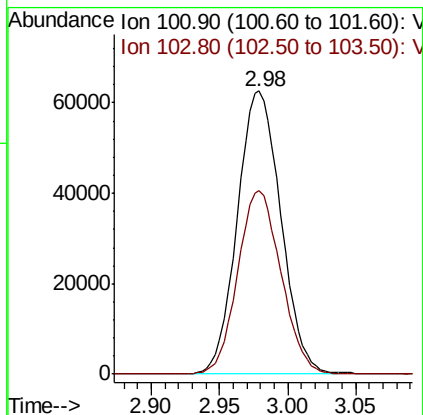
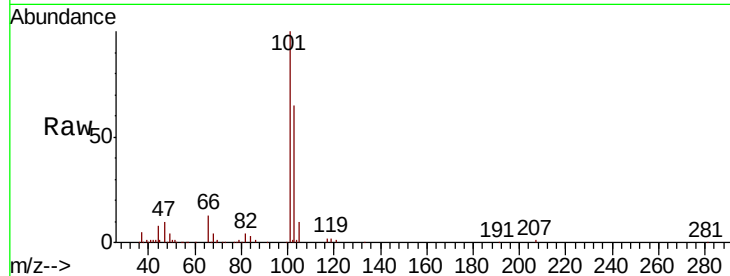


#7

Trichlorofluoromethane
Concen: 19.883 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
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ClientSampleId :
VN0528WBS01

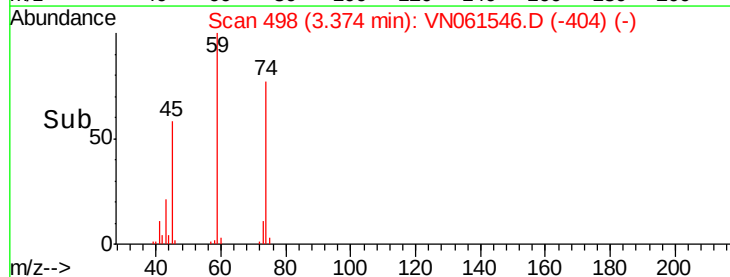
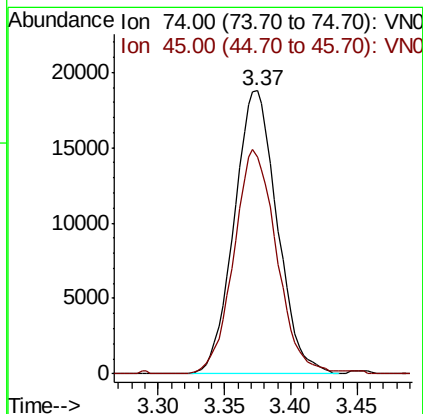
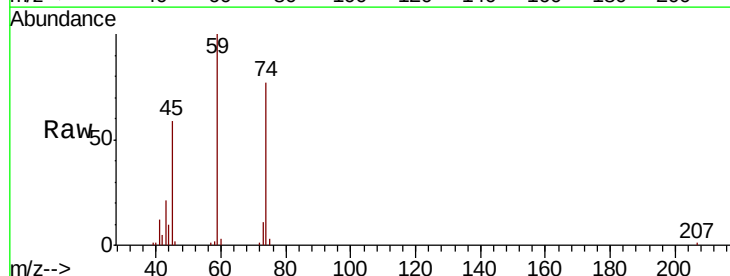
Tot Ion:101 Resp: 138691
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

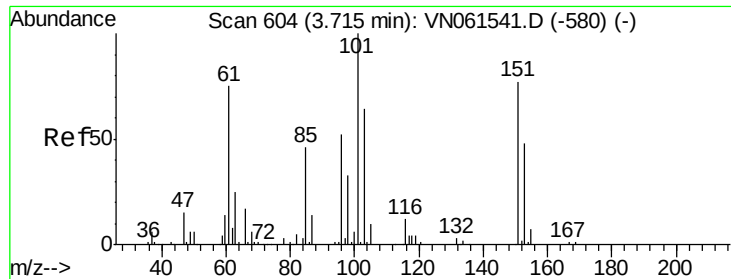


#8

Diethyl Ether
Concen: 19.849 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 74 Resp: 42336
Ion Ratio Lower Upper
74 100
45 79.0 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.492 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampled :

VN0528WBS01

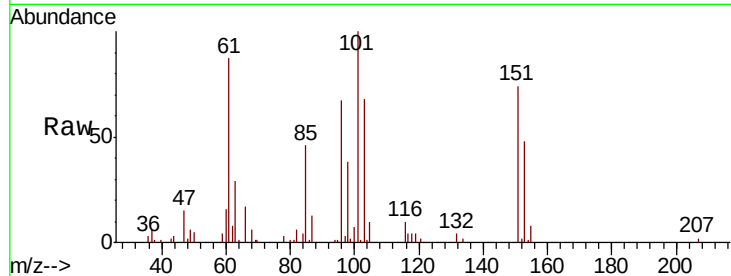
Tot Ion:101 Resp: 57239

Ion Ratio Lower Upper

101 100

85 45.2 35.2 52.8

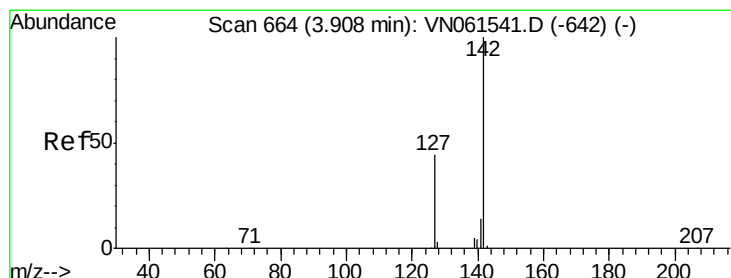
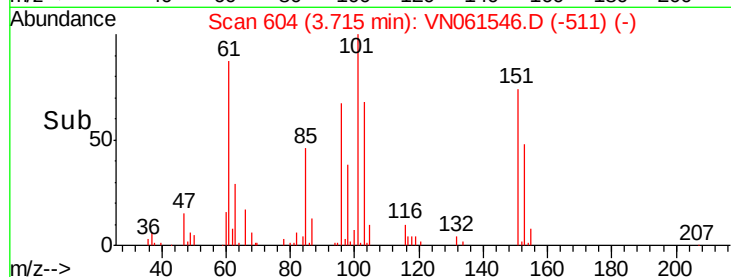
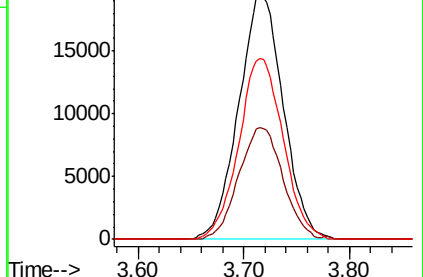
151 73.7 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.225 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

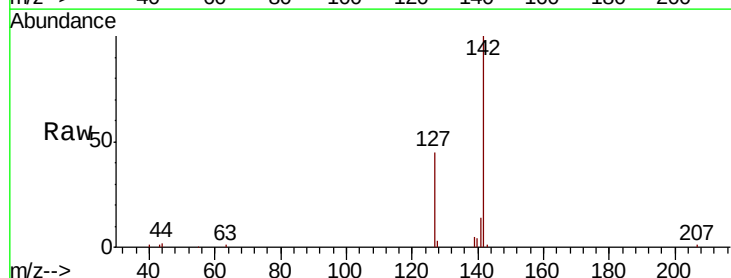
Tgt Ion:142 Resp: 86903

Ion Ratio Lower Upper

142 100

127 44.6 35.5 53.3

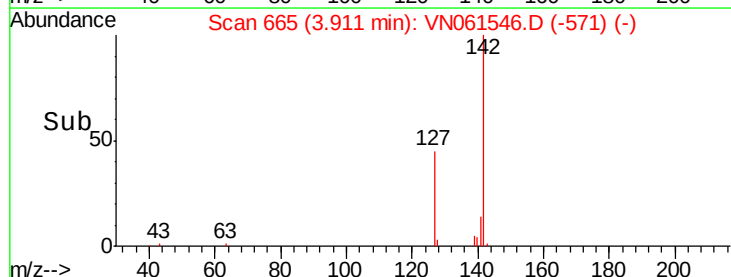
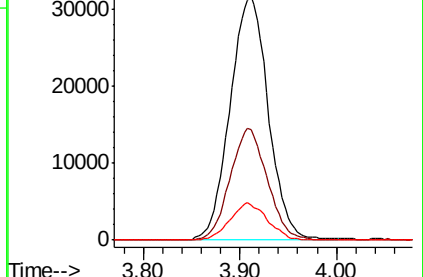
141 14.8 11.5 17.3

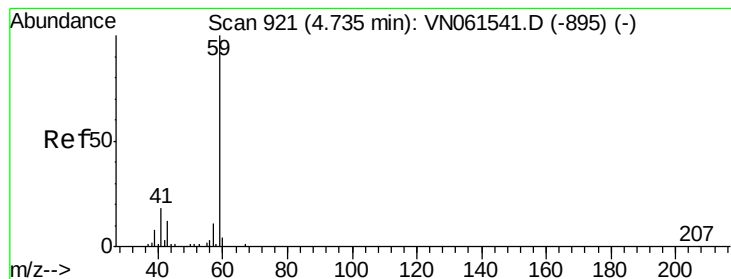


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 100.772 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

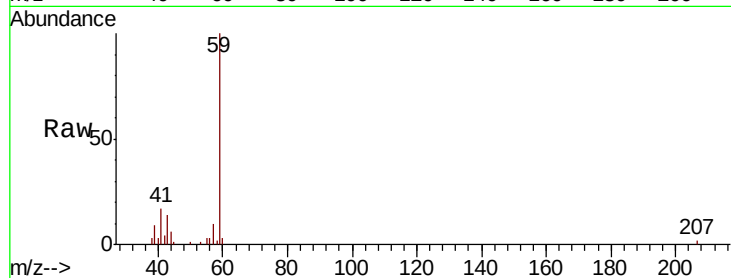
VN0528WBS01

Tot Ion: 59 Resp: 51683

Ion Ratio Lower Upper

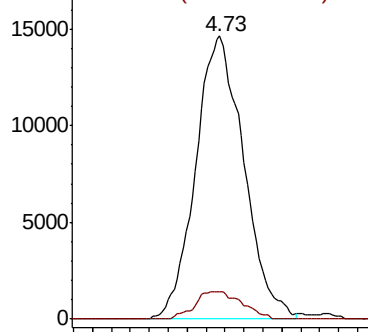
59 100

57 9.6 8.4 12.6

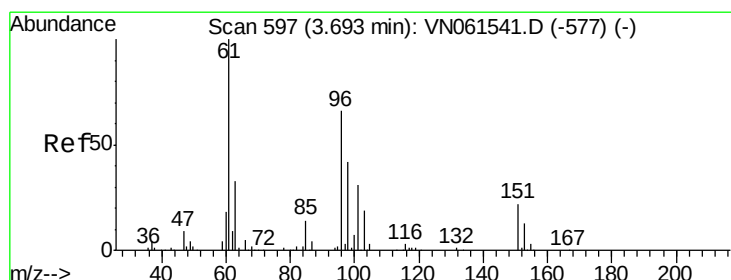
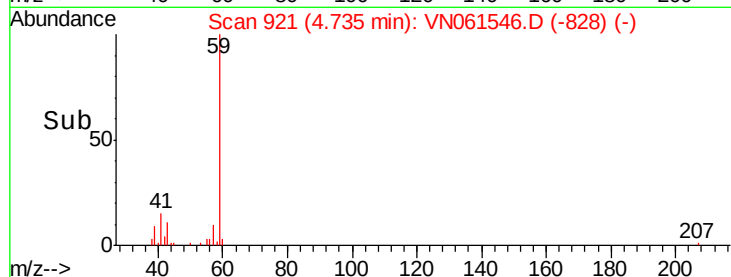


Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



Time-->



#12

1,1-Dichloroethene

Concen: 19.619 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

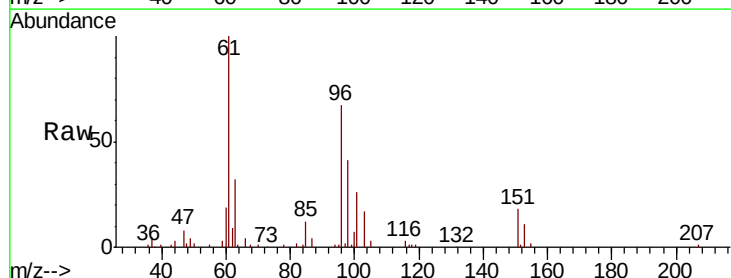
Tgt Ion: 96 Resp: 64880

Ion Ratio Lower Upper

96 100

61 148.8 120.5 180.7

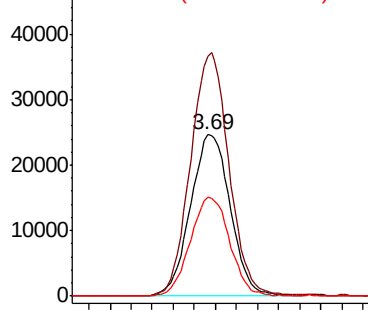
98 61.2 50.8 76.2



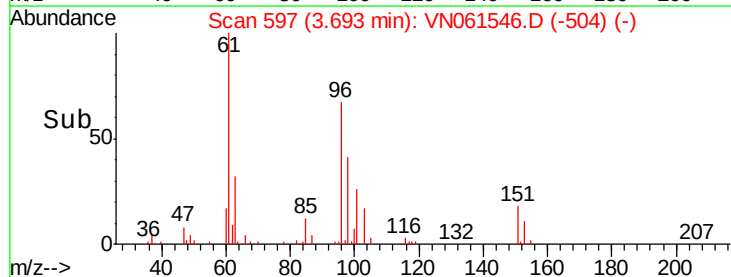
Abundance Ion 95.90 (95.60 to 96.60): VN0

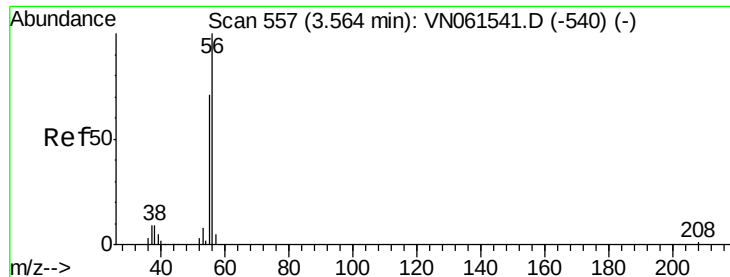
Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



Time-->





#13

Acrolein

Concen: 85.502 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

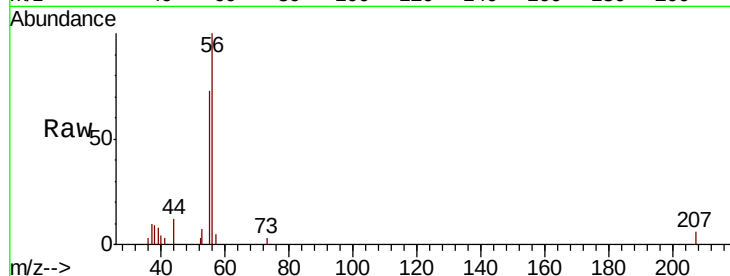
VN0528WBS01

Tot Ion: 56 Resp: 15699

Ion Ratio Lower Upper

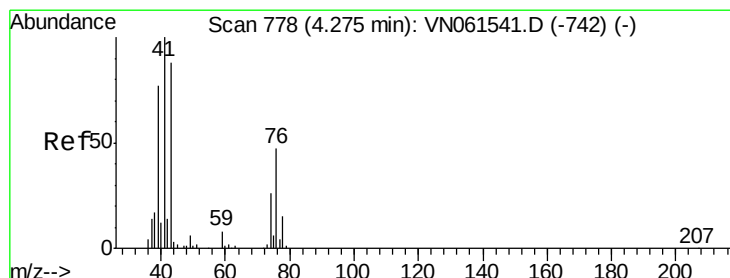
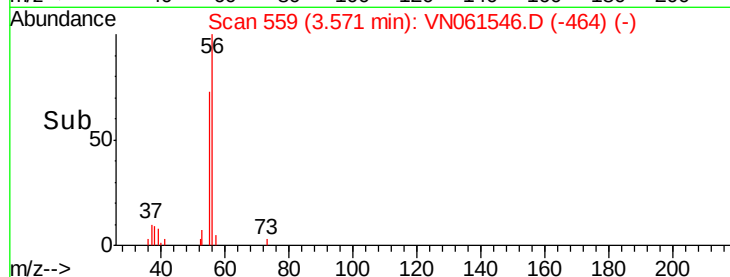
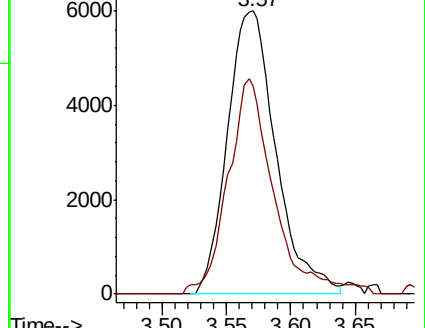
56 100

55 72.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061546.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061546.D (-540) (-)



#14

Allyl chloride

Concen: 19.689 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

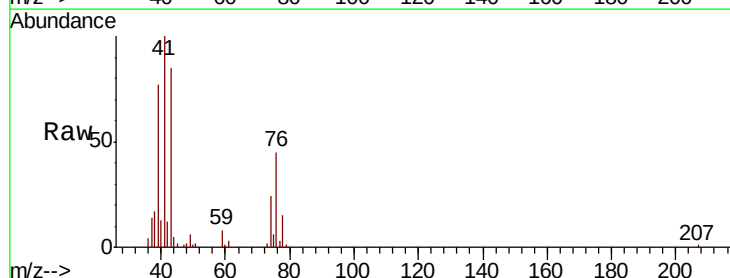
Tgt Ion: 41 Resp: 85123

Ion Ratio Lower Upper

41 100

39 75.0 58.6 88.0

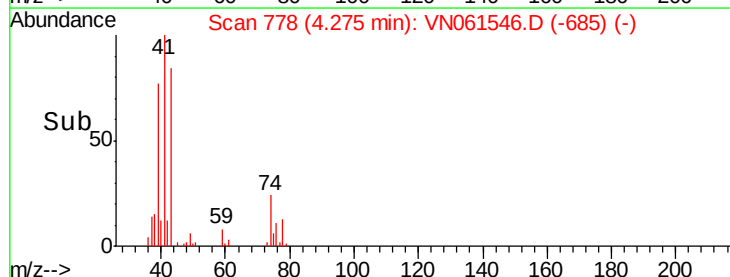
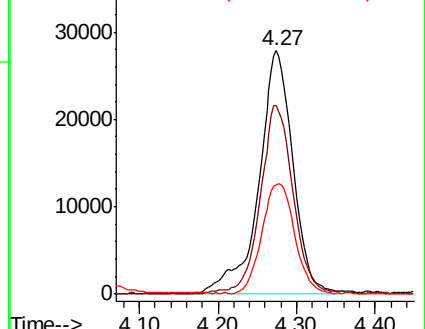
76 43.7 34.2 51.4

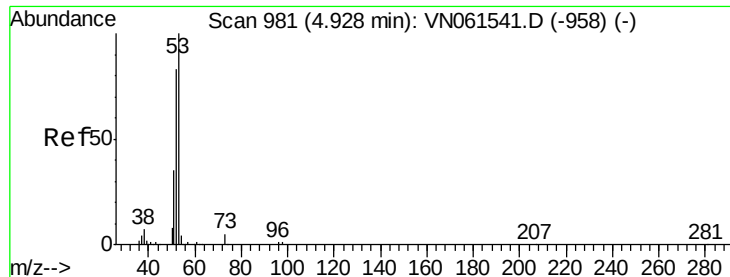


Abundance Ion 41.00 (40.70 to 41.70): VN061546.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061546.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061546.D (-685) (-)





#15

Acrylonitrile

Concen: 99.833 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampled :

VN0528WBS01

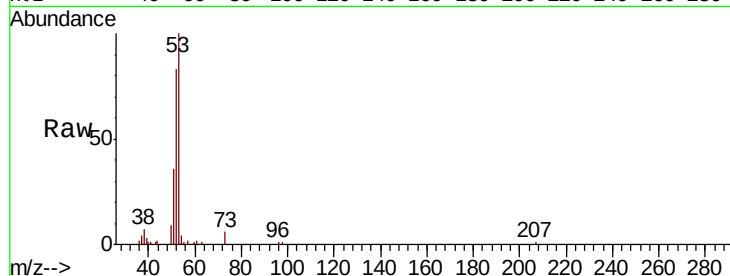
Tot Ion: 53 Resp: 142914

Ion Ratio Lower Upper

53 100

52 83.8 65.4 98.2

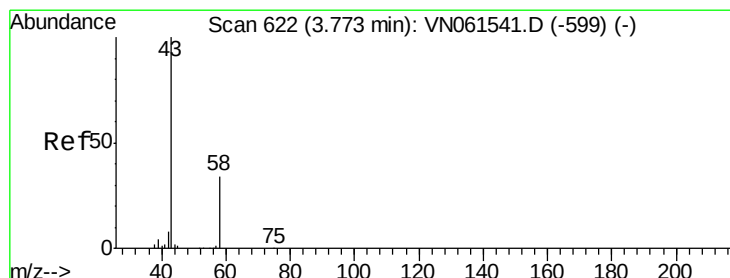
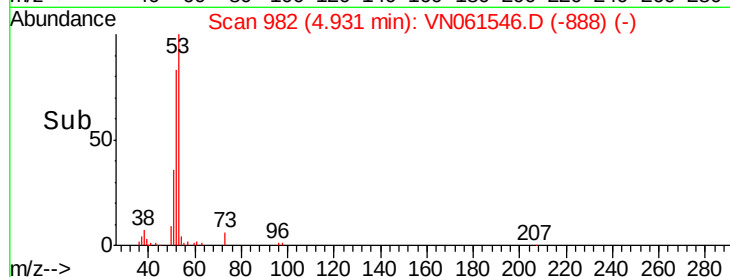
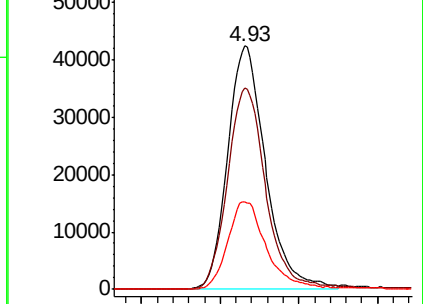
51 36.7 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061546.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN061546.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN061546.D (-888) (-)



#16

Acetone

Concen: 101.105 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061546.D

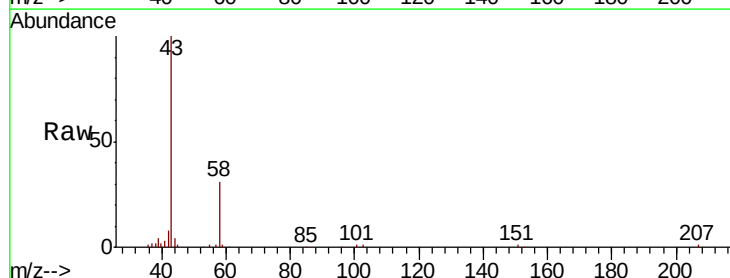
Acq: 28 May 2020 22:03

Tgt Ion: 43 Resp: 111365

Ion Ratio Lower Upper

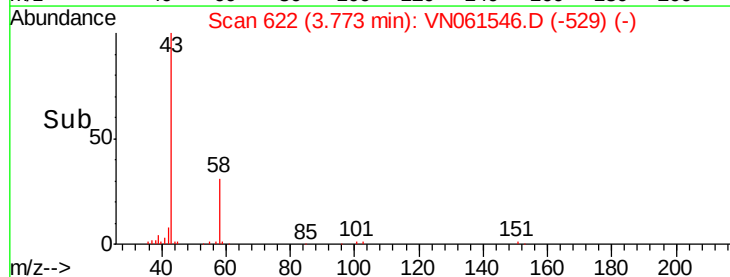
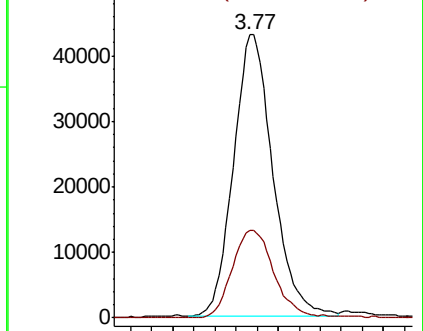
43 100

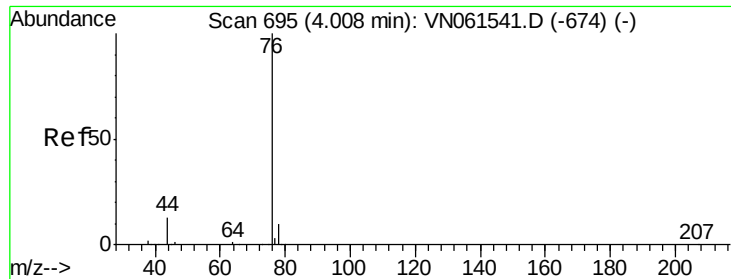
58 31.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061546.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061546.D (-529) (-)





#17

Carbon Disulfide

Concen: 21.136 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

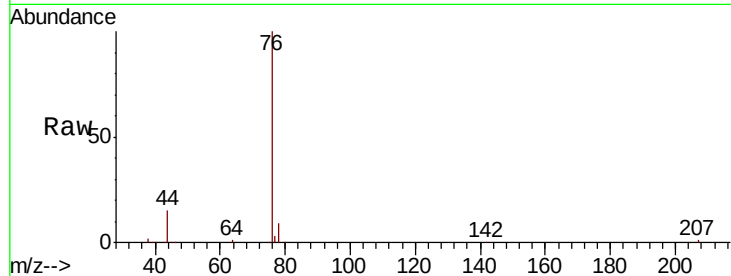
VN0528WBS01

Tot Ion: 76 Resp: 153774

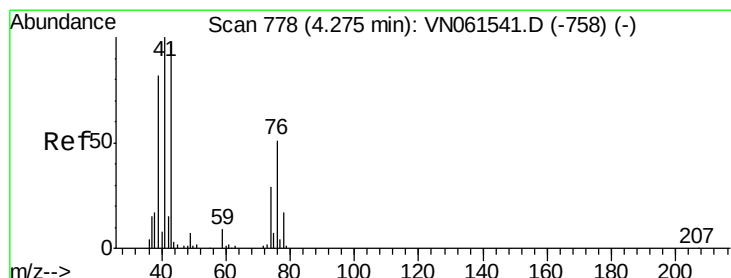
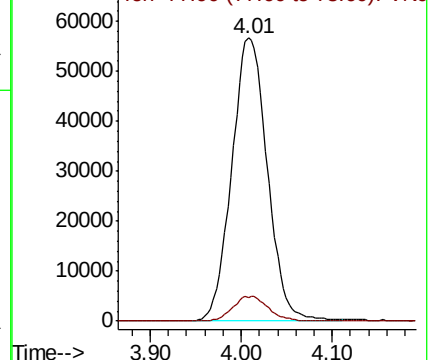
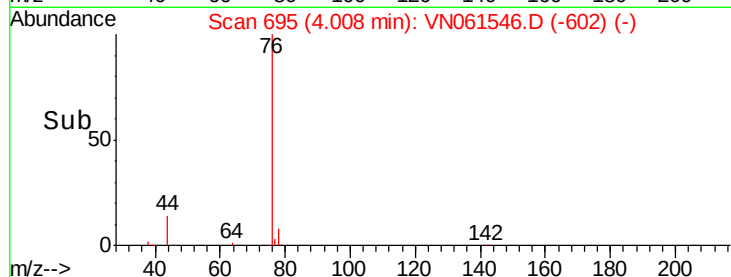
Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN061546.D (-602) (-)



#18

Methyl Acetate

Concen: 19.681 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061546.D

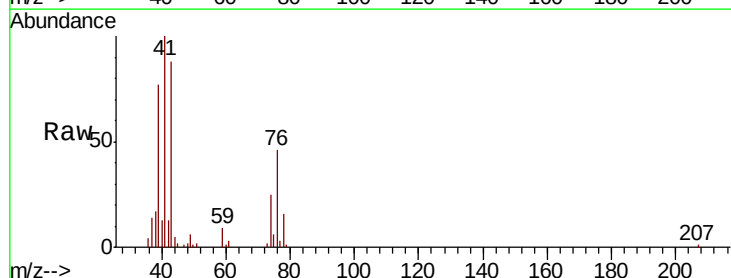
Acq: 28 May 2020 22:03

Tgt Ion: 43 Resp: 68696

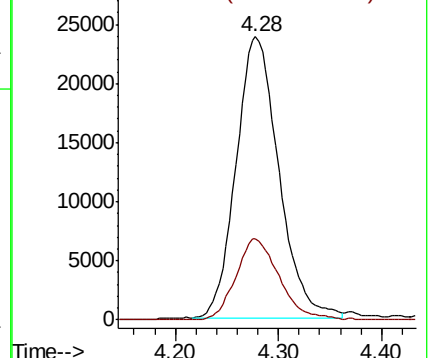
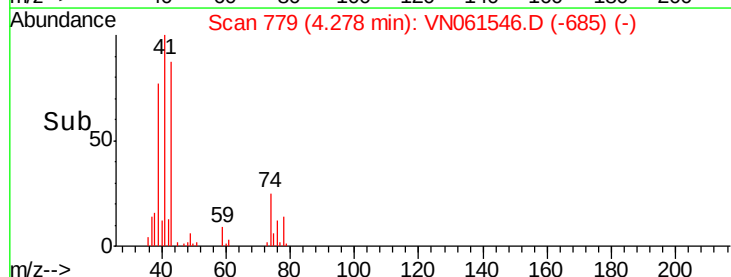
Ion Ratio Lower Upper

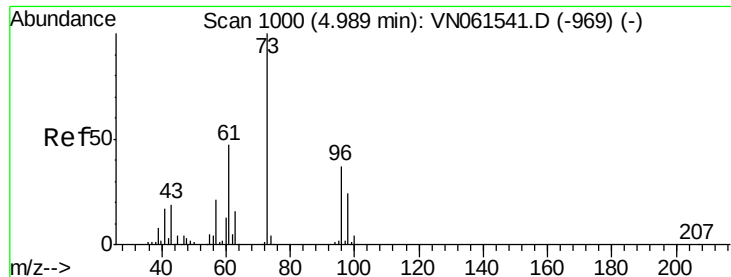
43 100

74 29.2 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN061546.D (-685) (-)

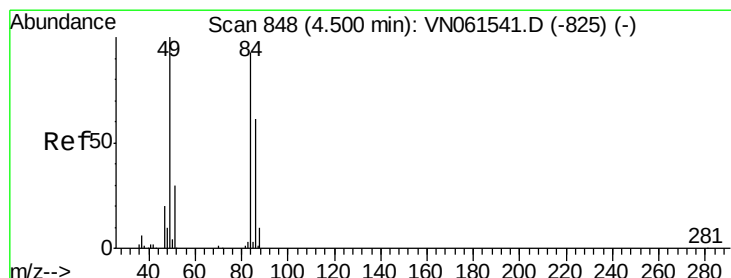
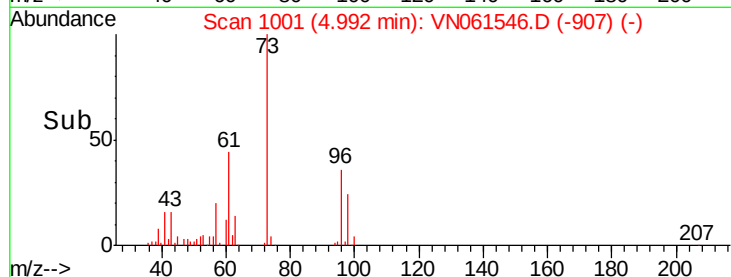
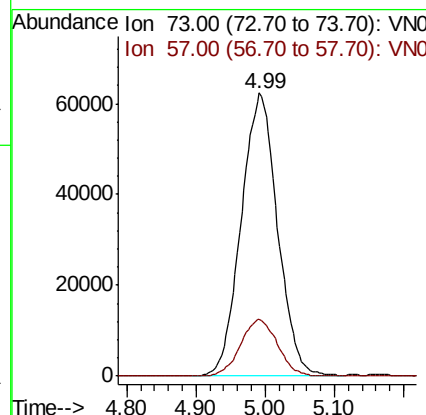
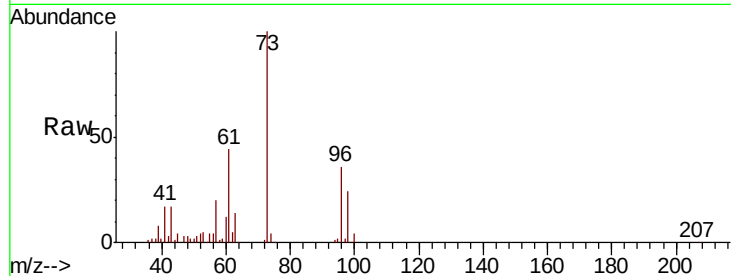




#19
Methyl tert-butyl Ether
Concen: 20.195 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

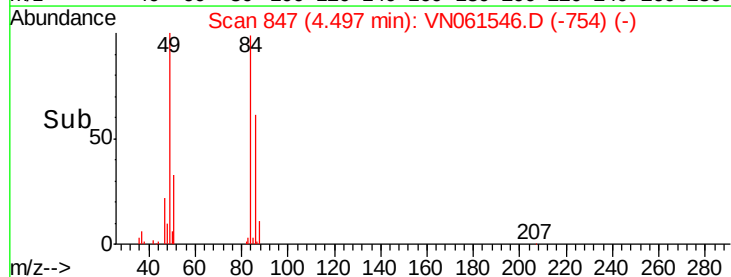
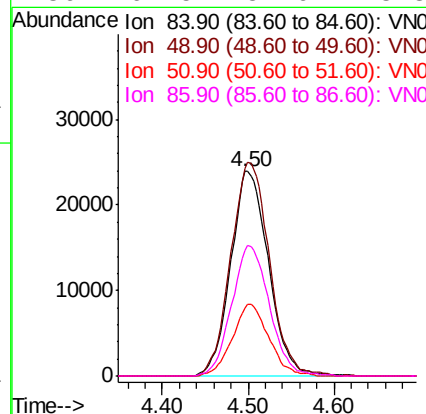
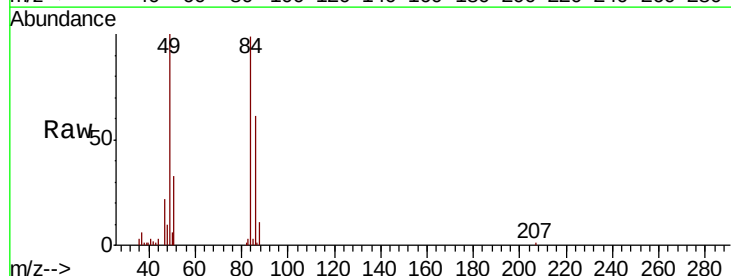
Instrument :
MSVOA_N
ClientSampled :
VN0528WBS01

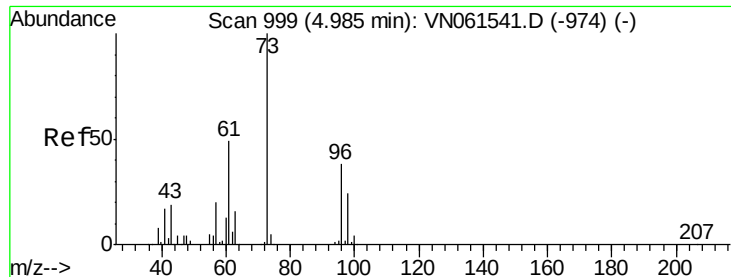
Tot Ion: 73 Resp: 227612
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6



#20
Methylene Chloride
Concen: 19.820 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 84 Resp: 73144
Ion Ratio Lower Upper
84 100
49 101.4 85.8 128.8
51 33.4 26.2 39.2
86 61.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 19.468 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

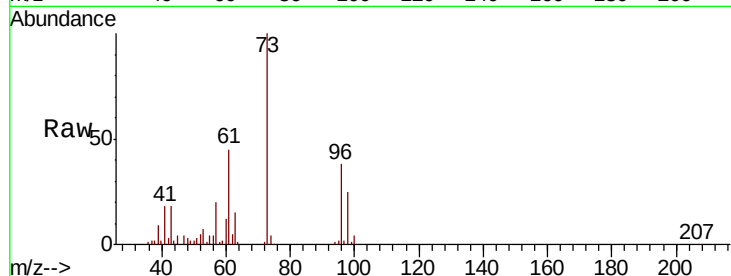
Tot Ion: 96 Resp: 72604

Ion Ratio Lower Upper

96 100

61 118.8 101.4 152.0

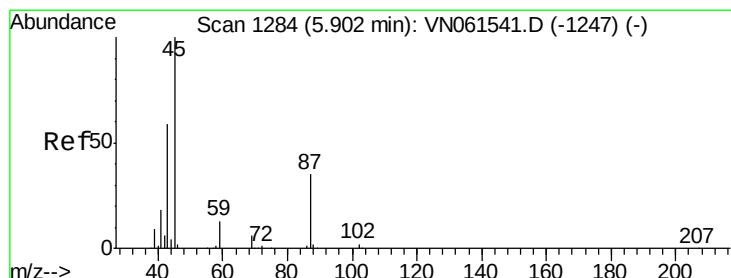
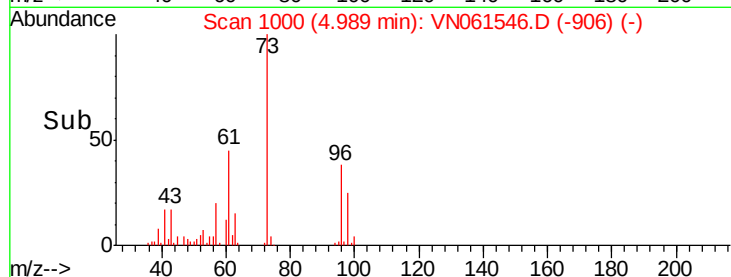
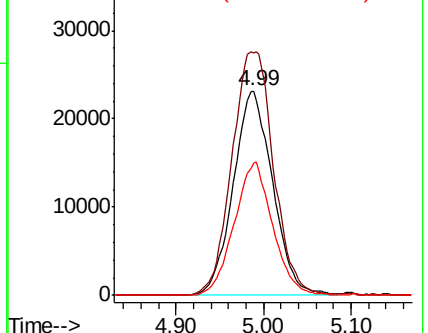
98 64.8 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061546.D (-974) (-)

Ion 60.90 (60.60 to 61.60): VN061546.D (-974) (-)

Ion 97.90 (97.60 to 98.60): VN061546.D (-974) (-)



#22

Diisopropyl ether

Concen: 20.567 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion: 45 Resp: 195973

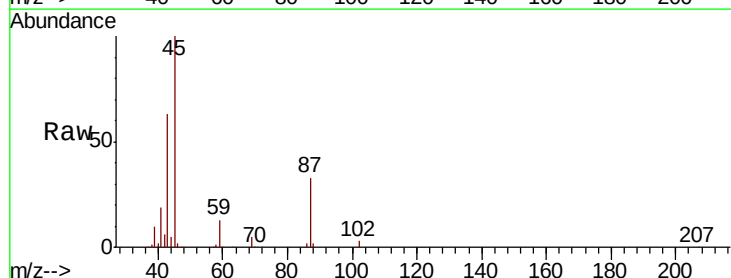
Ion Ratio Lower Upper

45 100

43 61.0 47.9 71.9

87 32.6 28.4 42.6

59 12.5 10.5 15.7

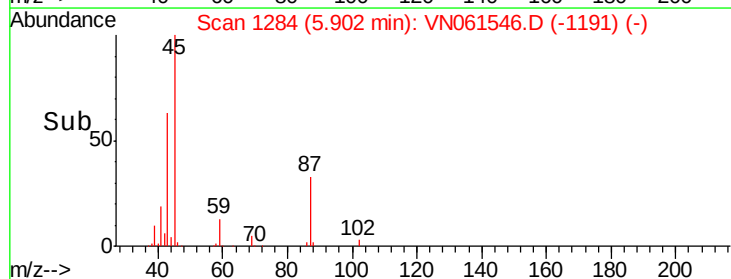
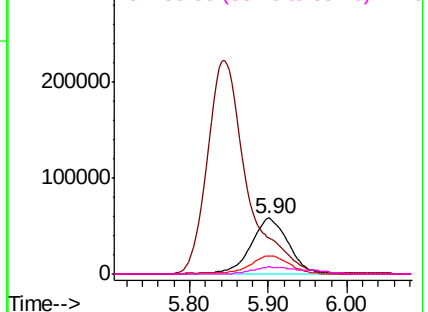


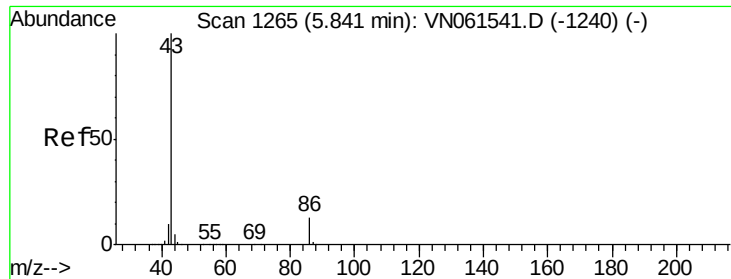
Abundance Ion 45.00 (44.70 to 45.70): VN061546.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061546.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061546.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061546.D (-1191) (-)

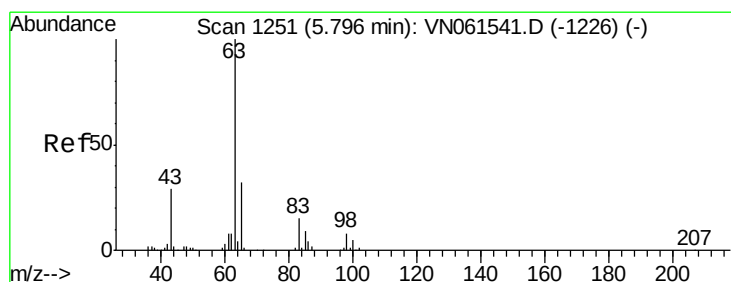
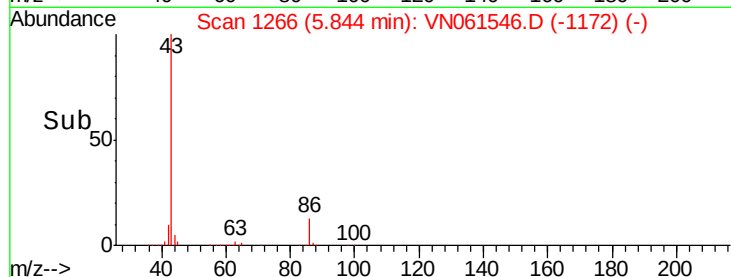
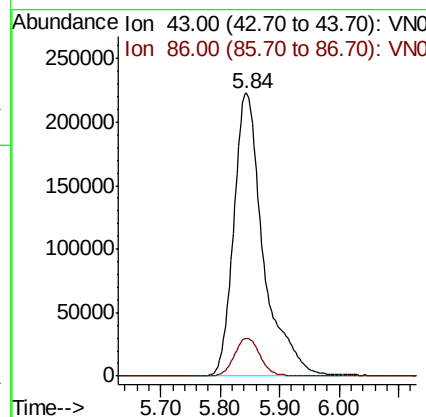
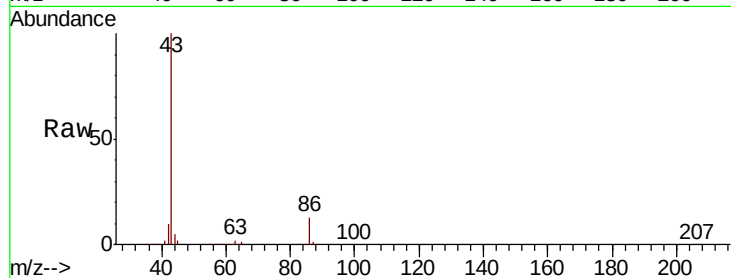




#23
 Vinyl Acetate
 Concen: 101.542 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

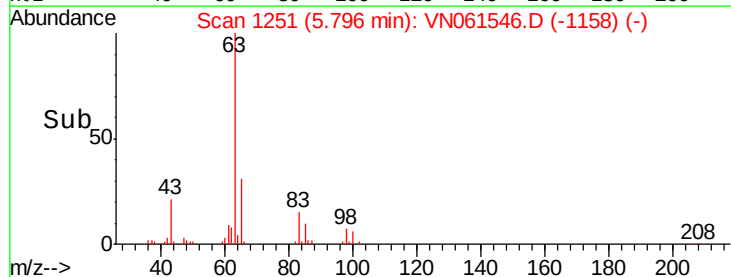
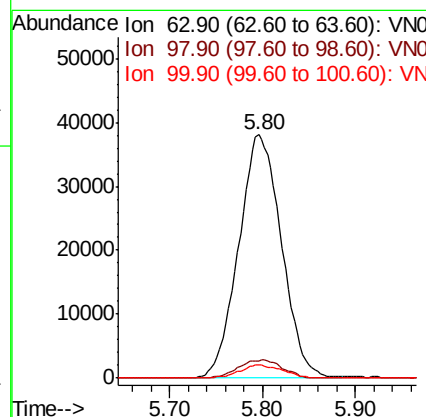
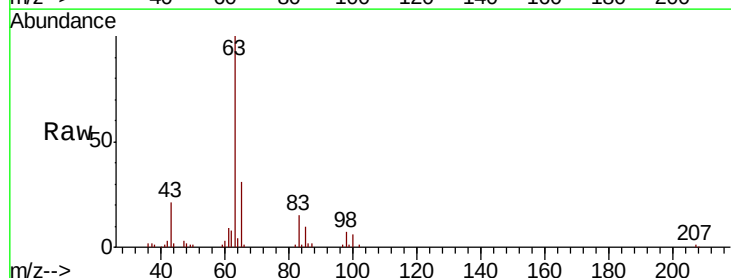
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

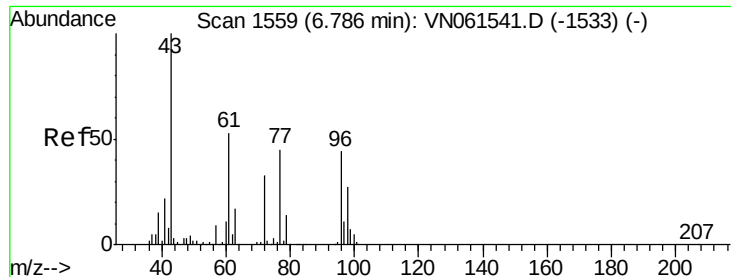
Tot Ion: 43 Resp: 771176
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.160 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion: 63 Resp: 121814
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 5.6 2.5 7.6





#25

2-Butanone

Concen: 97.001 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampled :

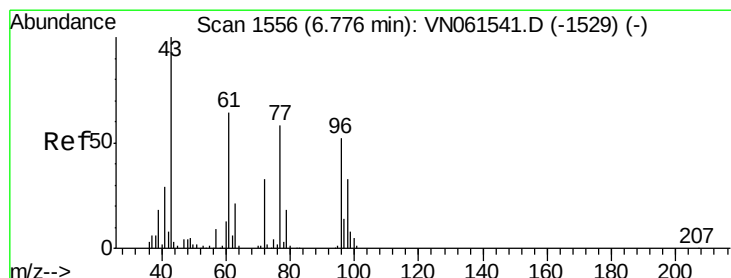
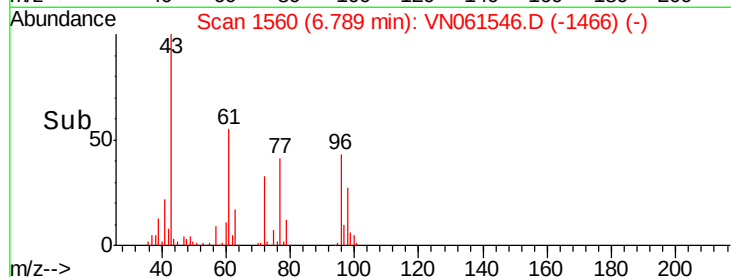
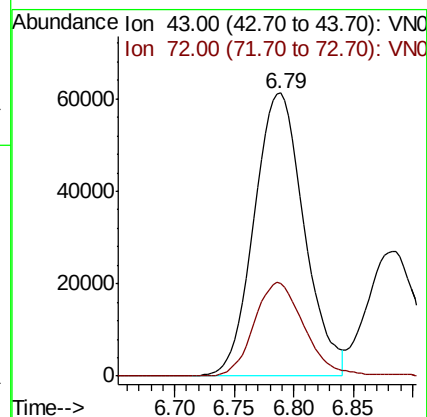
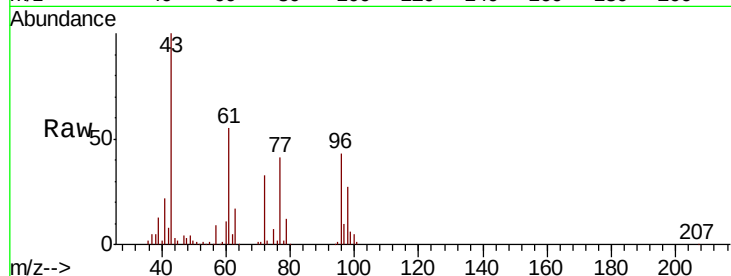
VN0528WBS01

Tot Ion: 43 Resp: 177260

Ion Ratio Lower Upper

43 100

72 33.0 26.0 39.0



#26

2,2-Dichloropropane

Concen: 17.443 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061546.D

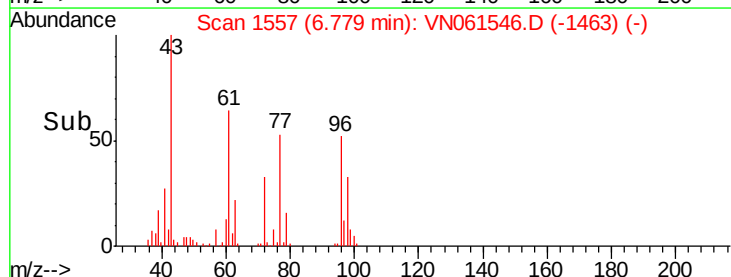
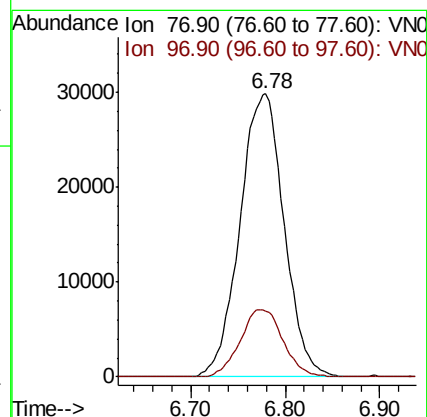
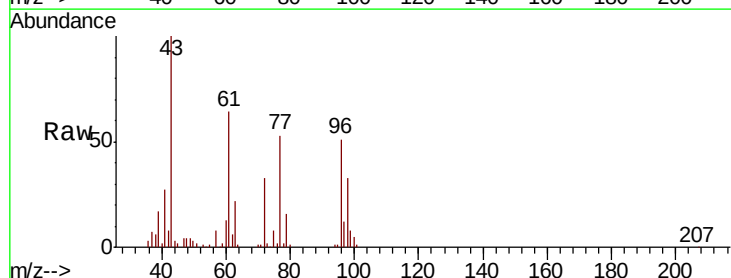
Acq: 28 May 2020 22:03

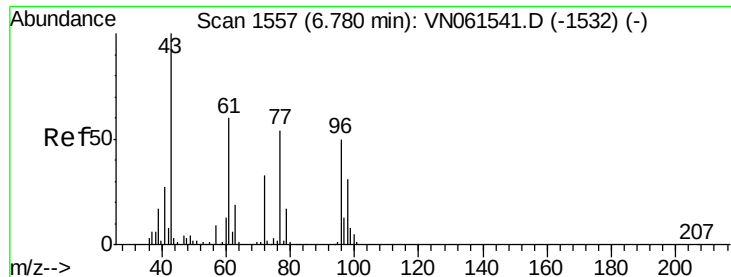
Tgt Ion: 77 Resp: 96468

Ion Ratio Lower Upper

77 100

97 23.1 12.0 36.0

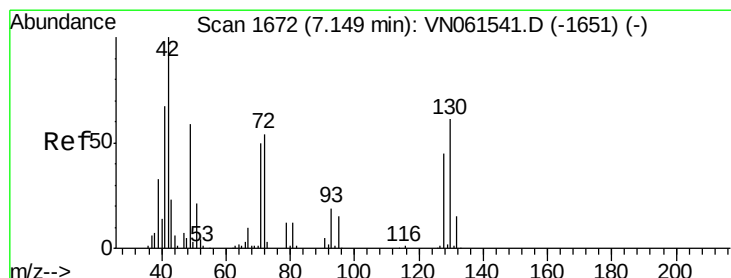
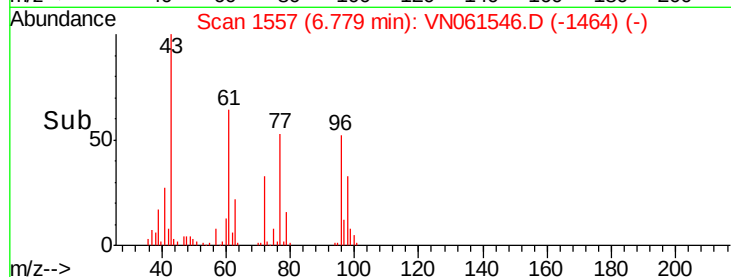
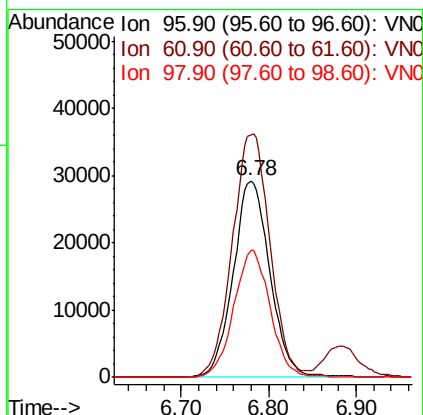
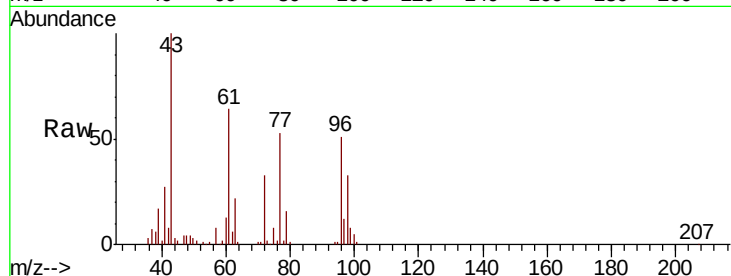




#27
 cis-1,2-Dichloroethene
 Concen: 20.153 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

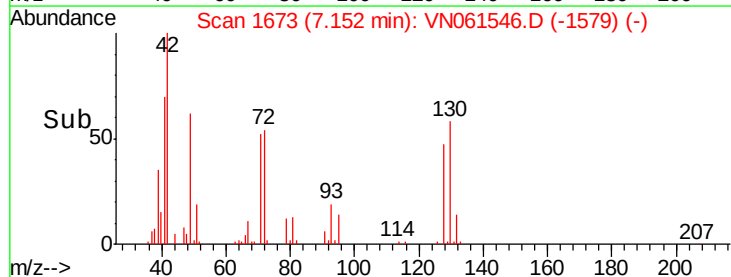
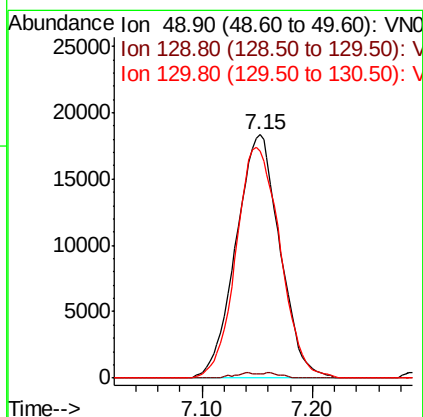
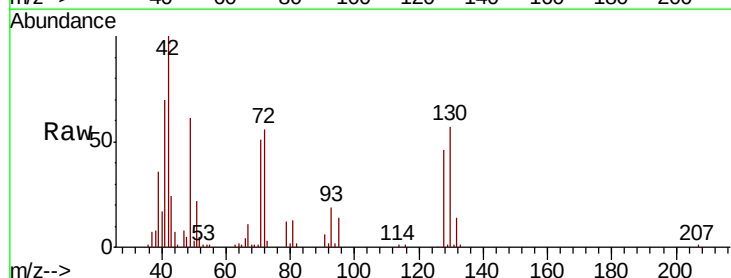
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

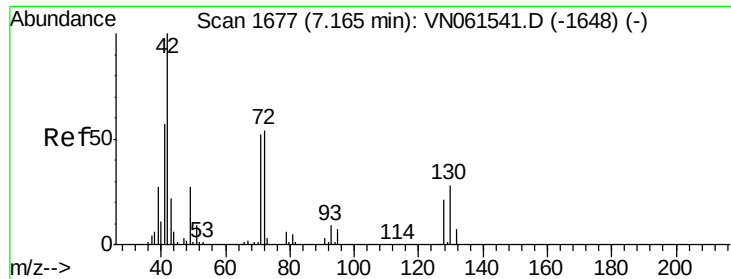
Tot Ion: 96 Resp: 85104
 Ion Ratio Lower Upper
 96 100
 61 127.0 0.0 252.2
 98 64.0 0.0 129.2



#28
 Bromochloromethane
 Concen: 21.506 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion: 49 Resp: 50588
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.8
 130 95.4 78.8 118.2

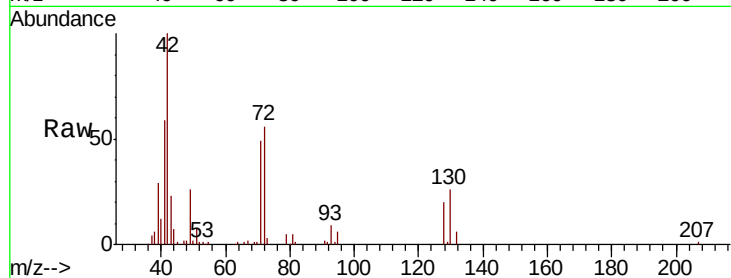




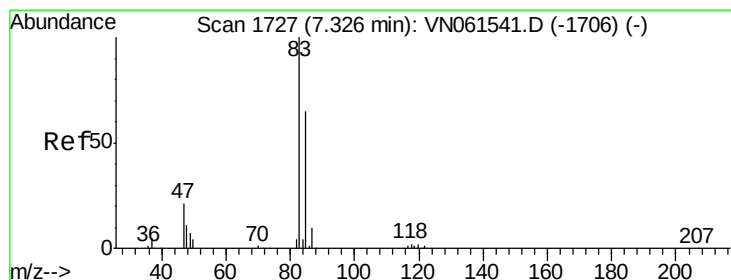
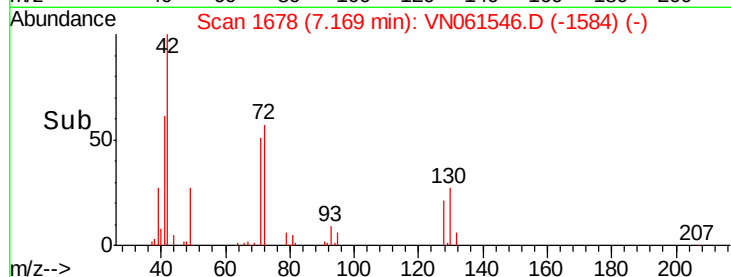
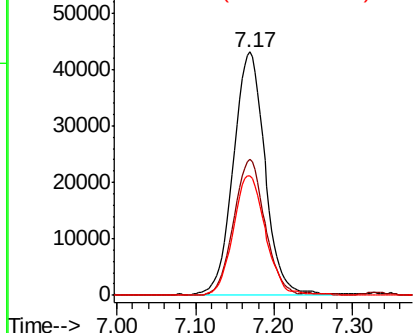
#29
Tetrahydrofuran
Concen: 101.165 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion: 42 Resp: 121905
Ion Ratio Lower Upper
42 100
72 54.8 43.6 65.4
71 50.0 41.2 61.8

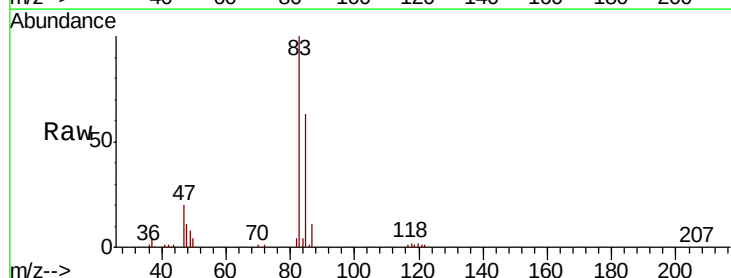


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

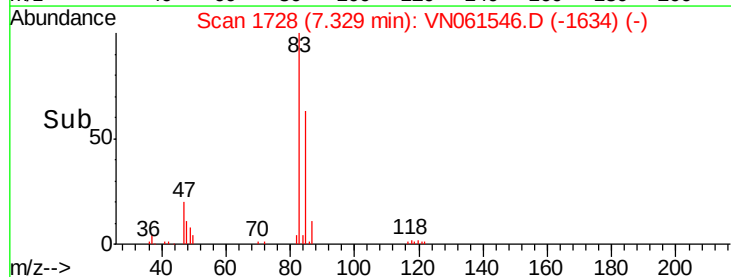
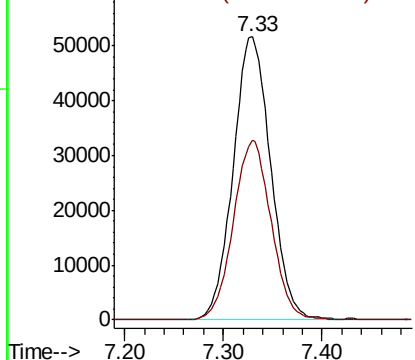


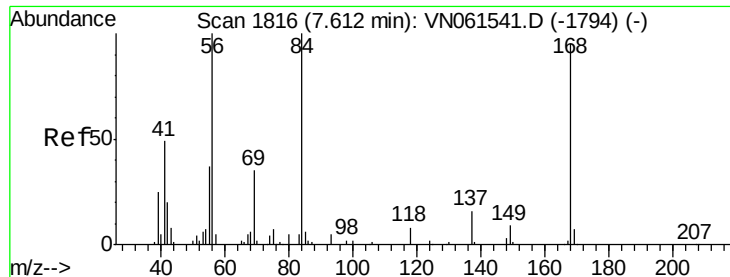
#30
Chloroform
Concen: 20.394 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 83 Resp: 136331
Ion Ratio Lower Upper
83 100
85 63.5 51.7 77.5



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





#31

Cyclohexane

Concen: 18.745 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

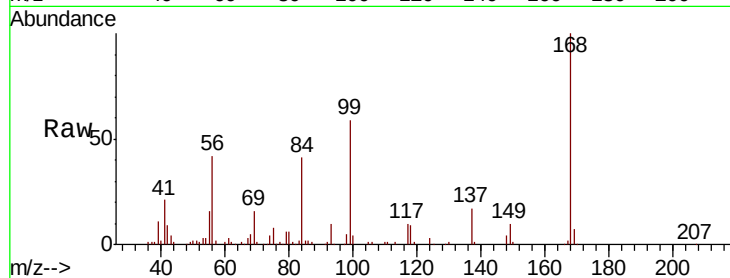
Tot Ion: 56 Resp: 101865

Ion Ratio Lower Upper

56 100

69 38.3 27.8 41.8

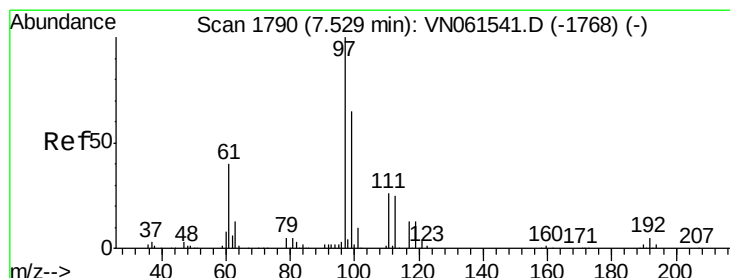
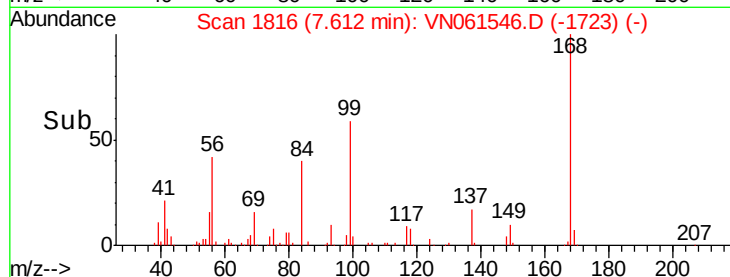
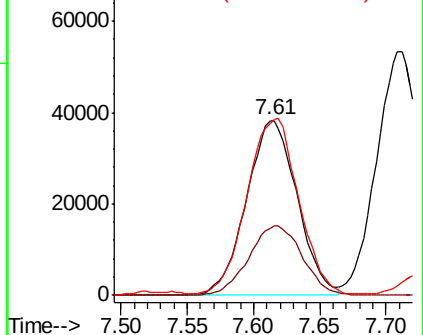
84 97.0 79.9 119.9



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: 19.921 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

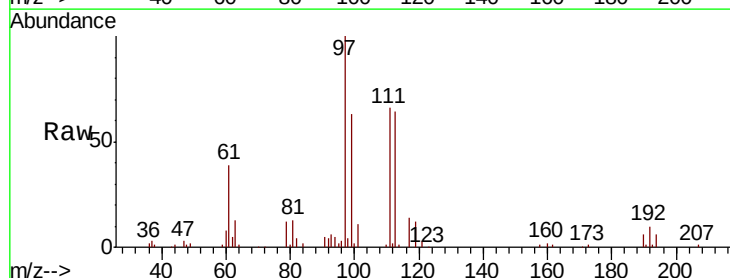
Tgt Ion: 97 Resp: 121341

Ion Ratio Lower Upper

97 100

99 62.7 51.4 77.0

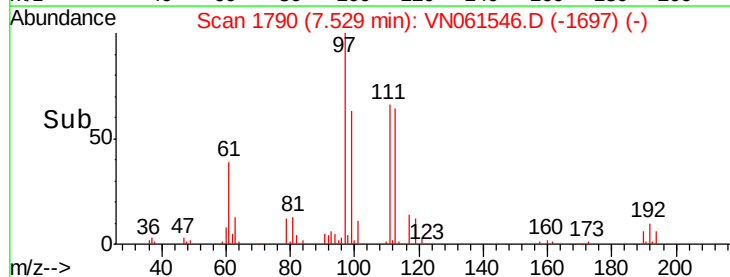
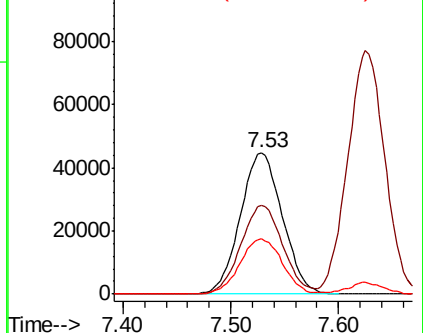
61 39.4 31.4 47.0

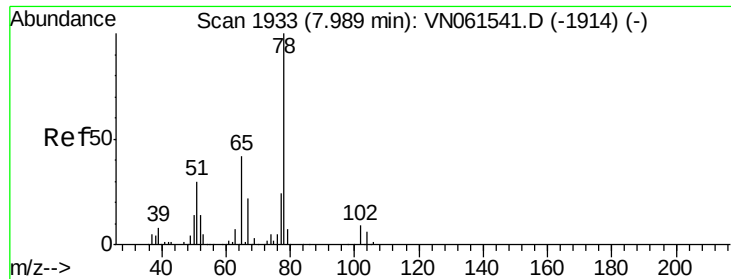


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

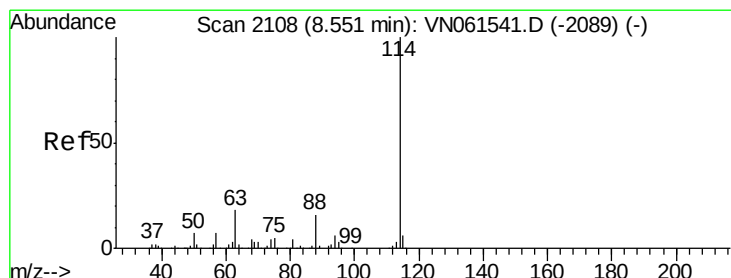
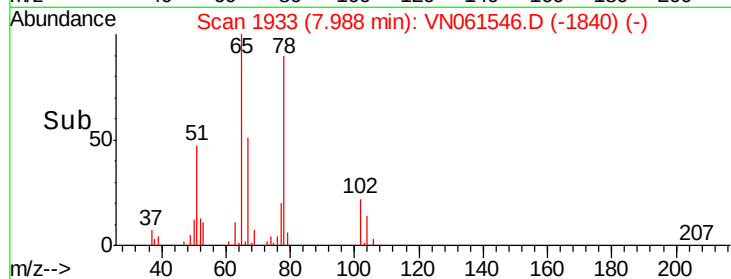
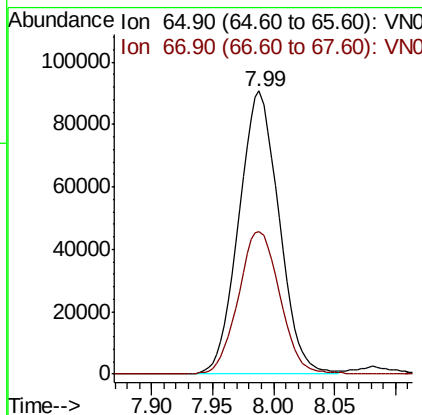
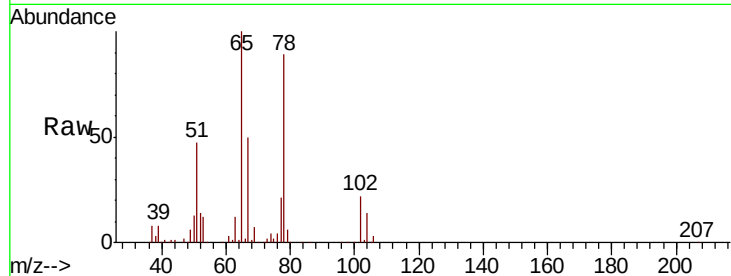




#33
 1,2-Dichloroethane-d4
 Concen: 53.663 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

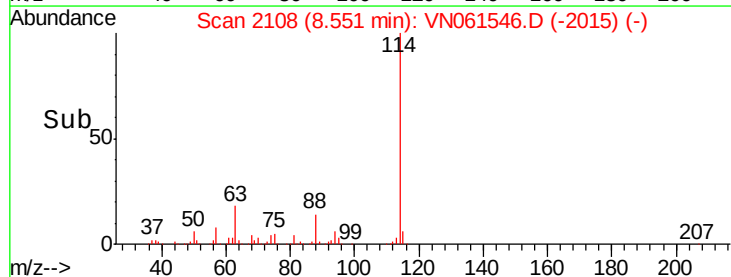
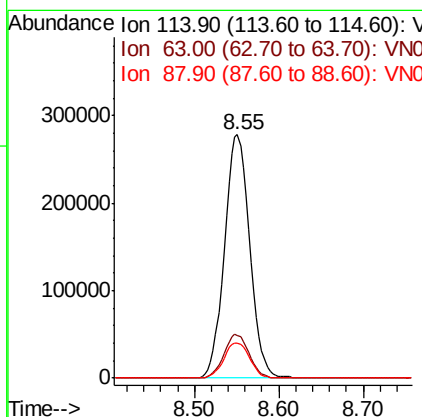
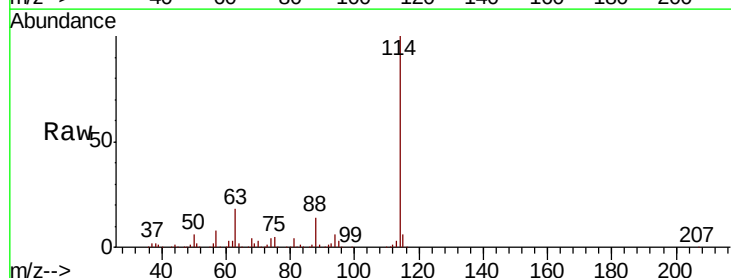
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

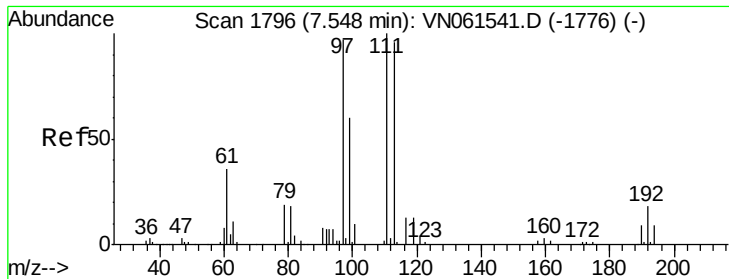
Tot Ion: 65 Resp: 206917
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion: 114 Resp: 578147
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.8
 88 14.4 0.0 31.0

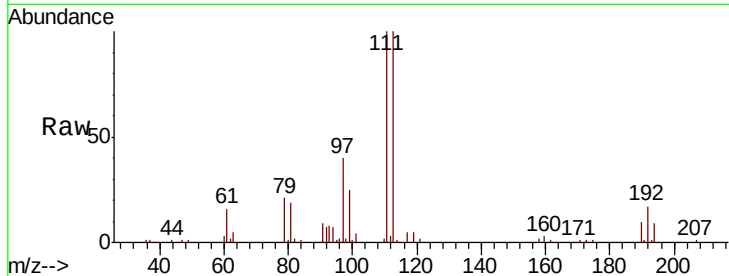




#35
 Dibromofluoromethane
 Concen: 53.722 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.0
192	17.8	15.4	23.2

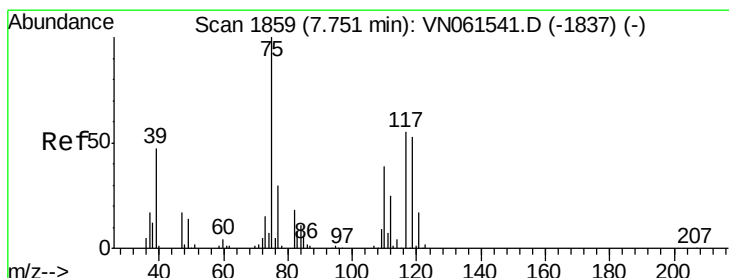
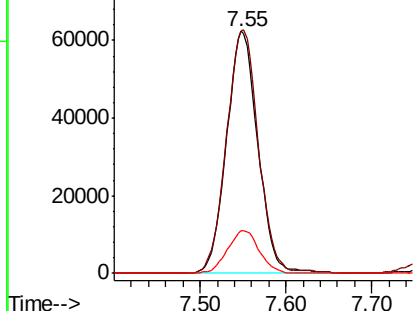
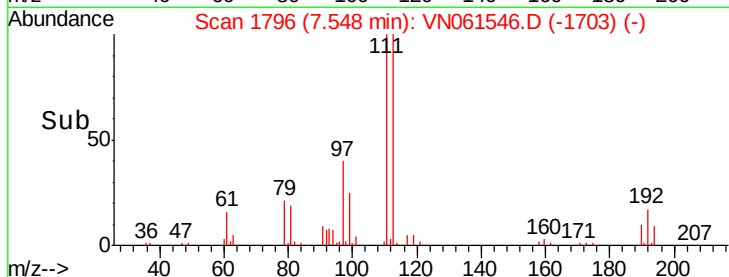


Abundance

Ion 112.80 (112.50 to 113.50): V

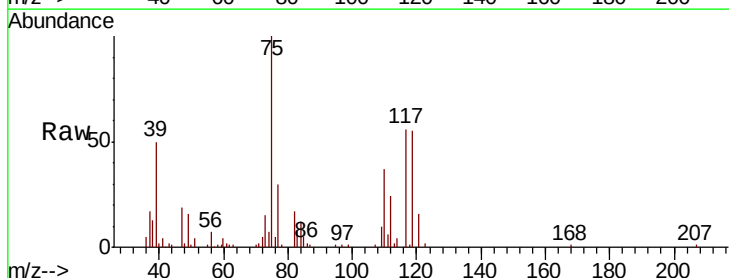
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.000 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	19.5	58.5
77	31.4	24.7	37.1

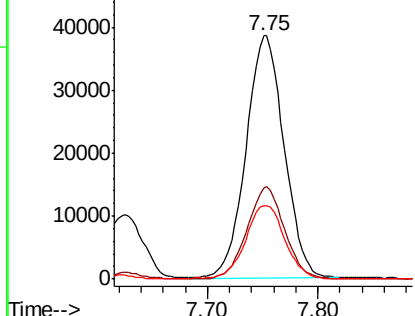
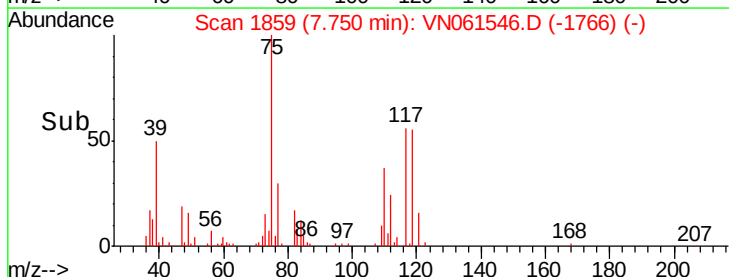


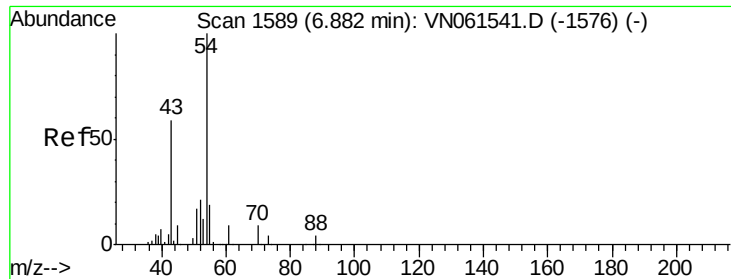
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

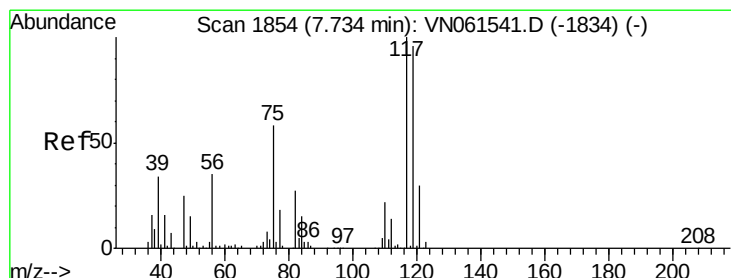
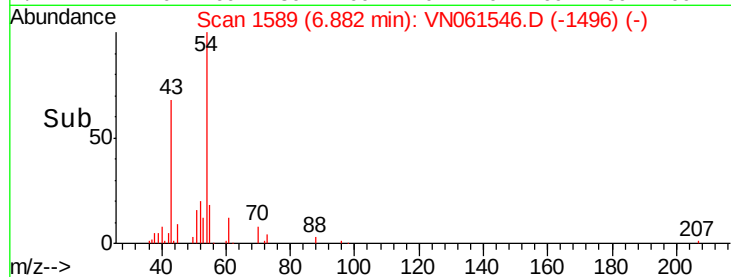
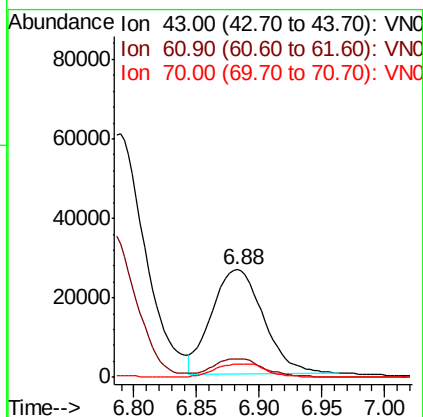
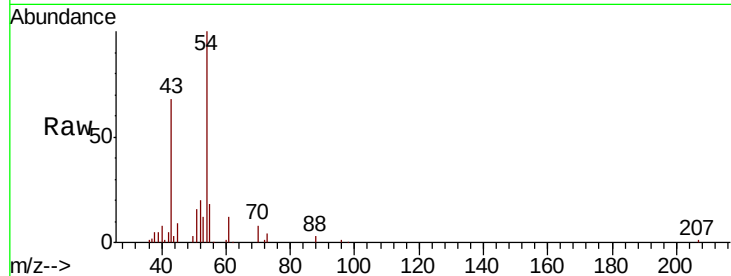




#37
Ethyl Acetate
Concen: 18.518 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

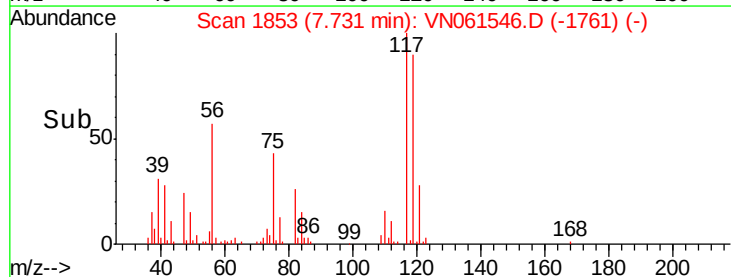
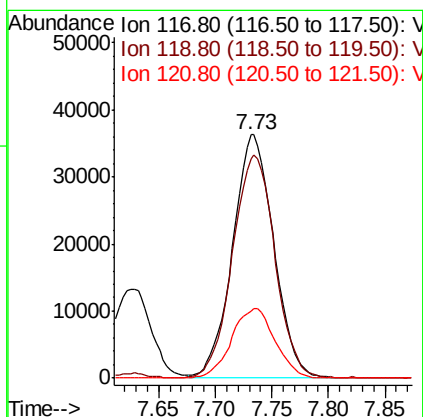
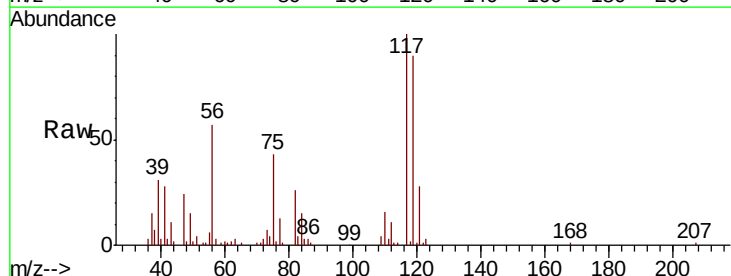
Instrument :
MSVOA_N
ClientSampled :
VN0528WBS01

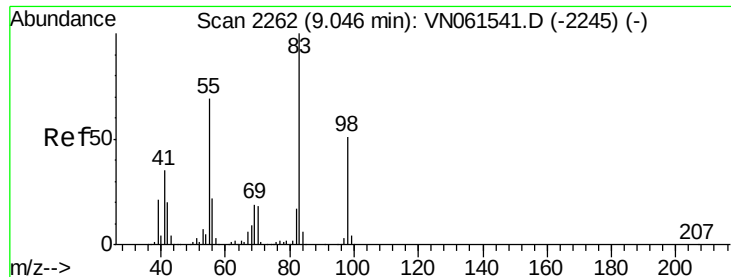
Tot Ion: 43 Resp: 76335
Ion Ratio Lower Upper
43 100
61 17.5 12.2 18.4
70 13.1 9.4 14.2



#38
Carbon Tetrachloride
Concen: 18.594 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 117 Resp: 91793
Ion Ratio Lower Upper
117 100
119 90.2 76.5 114.7
121 27.7 24.1 36.1

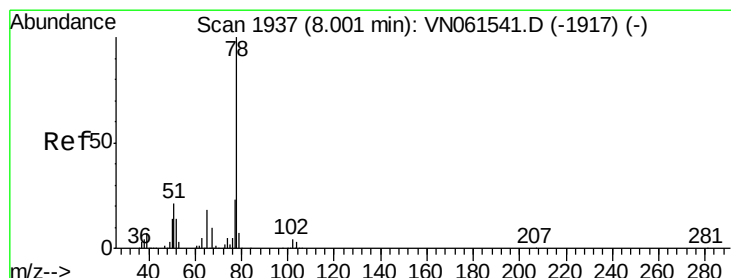
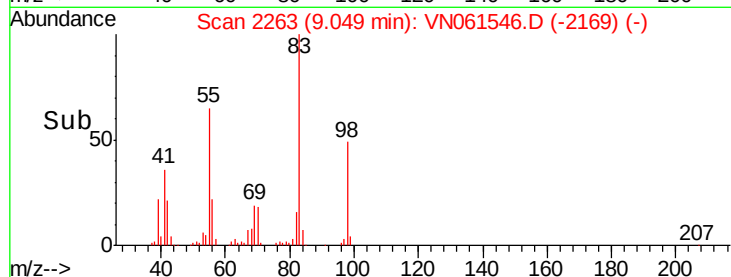
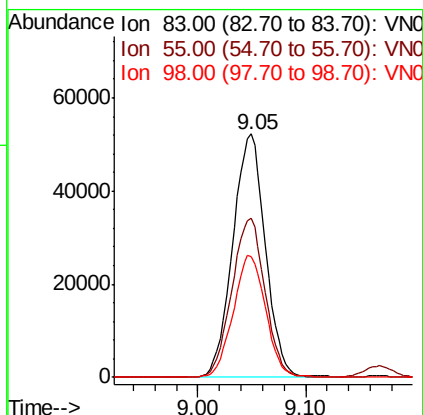
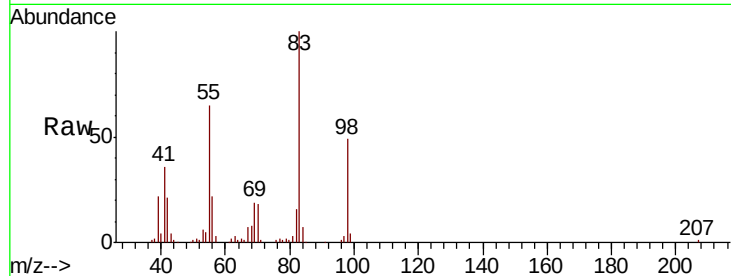




#39
Methylvlcyclohexane
Concen: 17.452 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

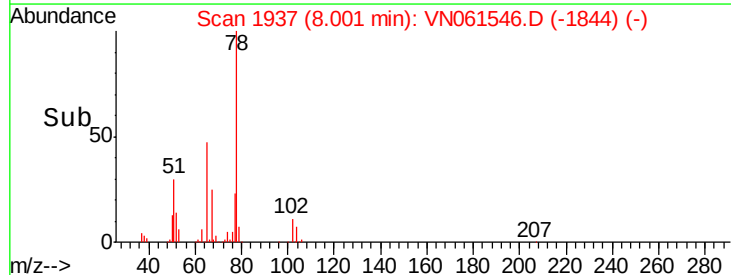
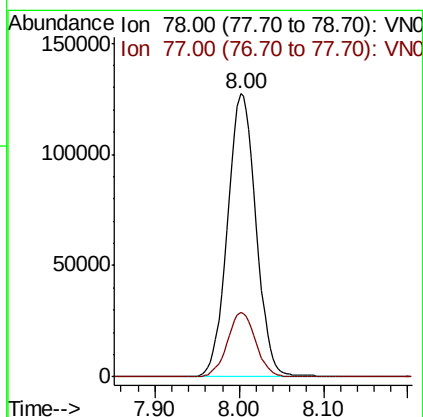
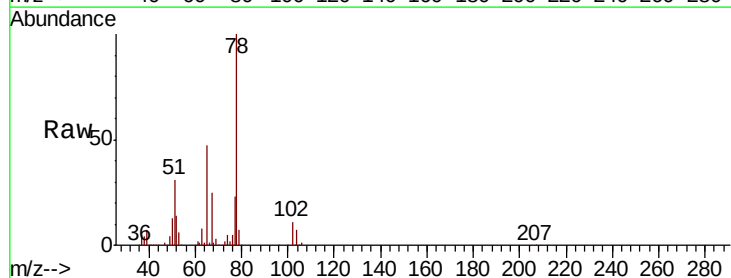
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

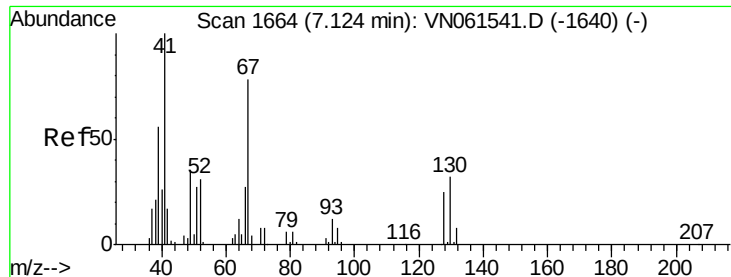
Tot Ion: 83 Resp: 110093
Ion Ratio Lower Upper
83 100
55 65.2 54.9 82.3
98 49.4 41.0 61.4



#40
Benzene
Concen: 18.926 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 78 Resp: 298878
Ion Ratio Lower Upper
78 100
77 22.7 18.6 28.0

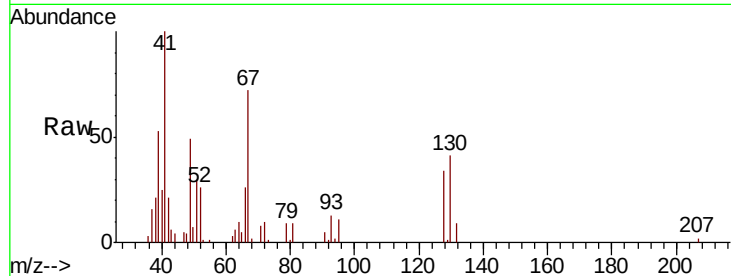




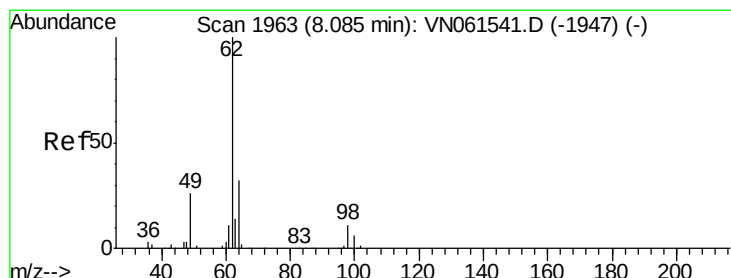
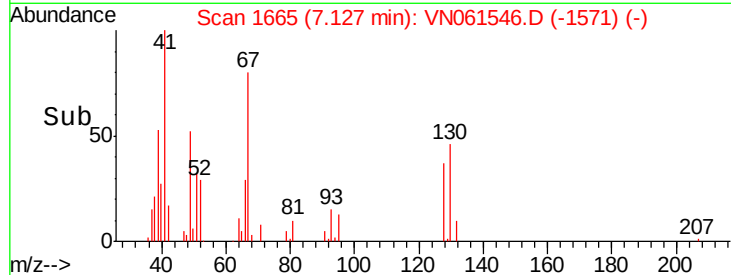
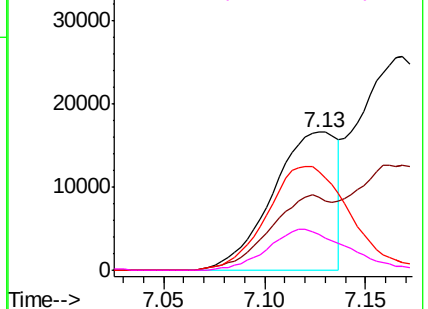
#41
Methacrylonitrile
Concen: 19.466 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion: 41 Resp: 36766
Ion Ratio Lower Upper
41 100
39 50.4 53.8 80.6#
67 97.8 91.1 136.7
52 37.1 36.0 54.0

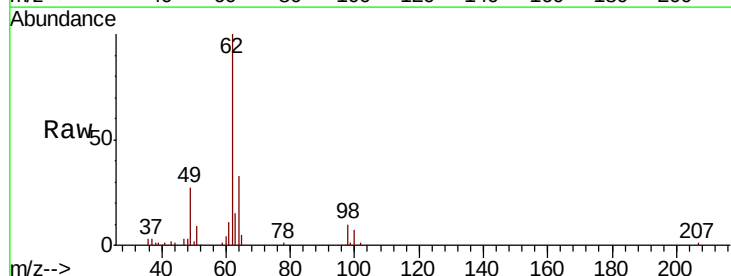


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

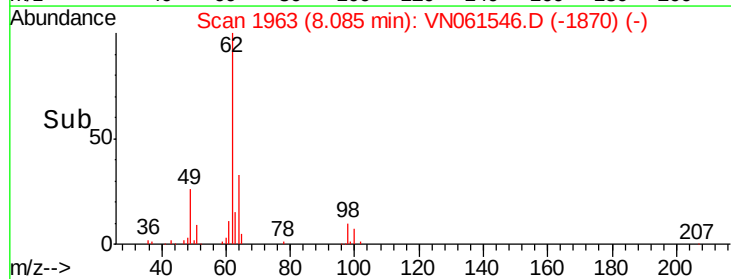
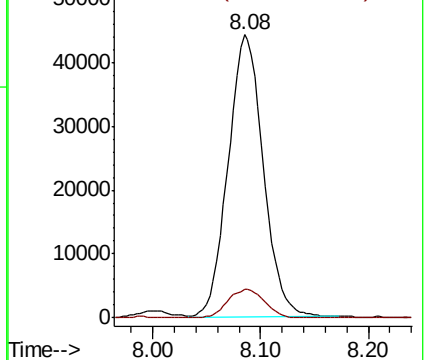


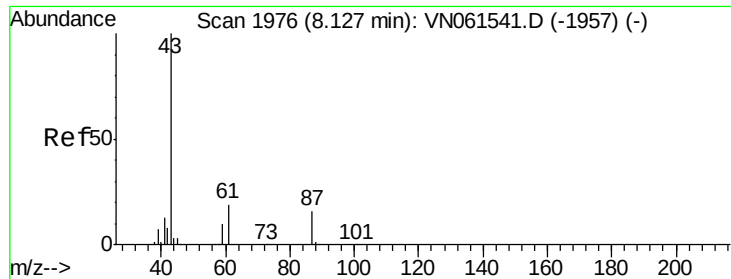
#42
1,2-Dichloroethane
Concen: 18.903 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 62 Resp: 99935
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.204 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

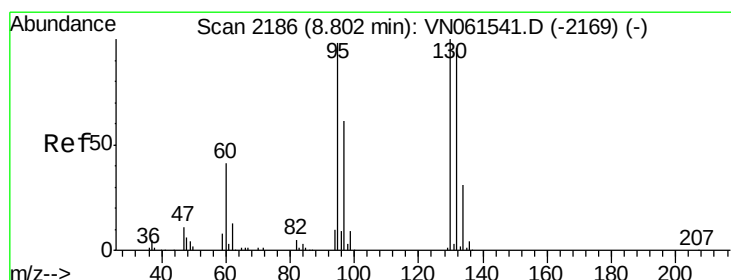
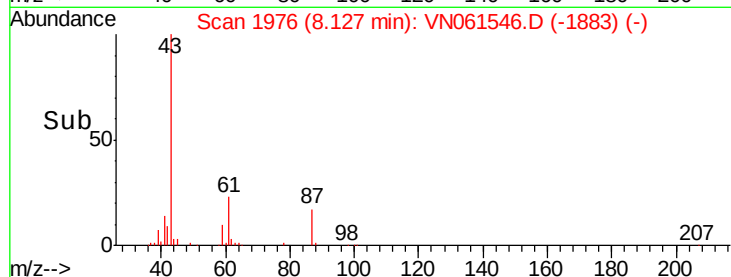
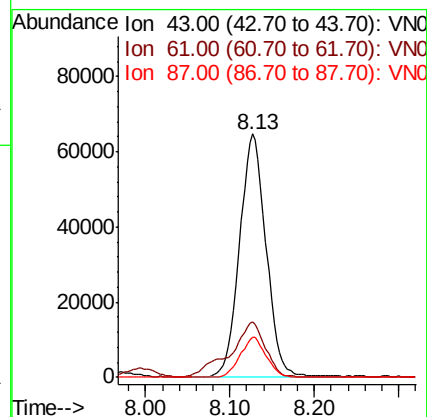
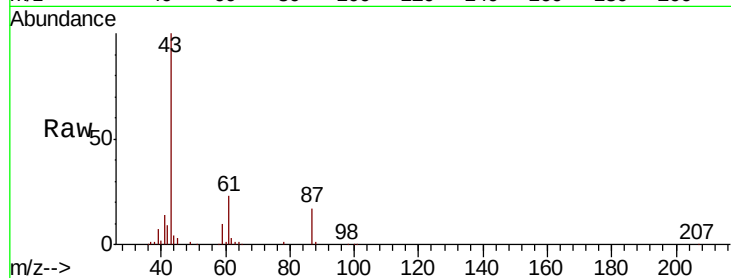
Tot Ion: 43 Resp: 142426

Ion Ratio Lower Upper

43 100

61 29.9 23.6 35.4

87 16.1 13.0 19.6



#44

Trichloroethene

Concen: 17.924 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061546.D

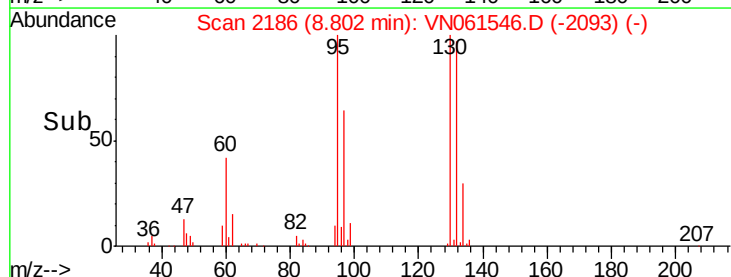
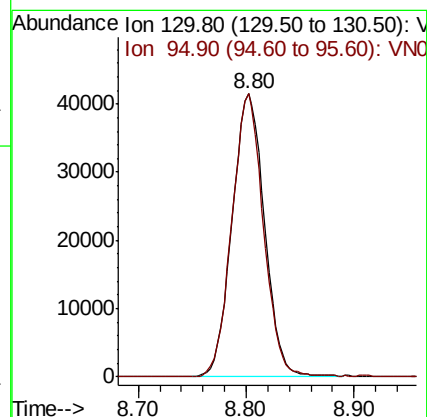
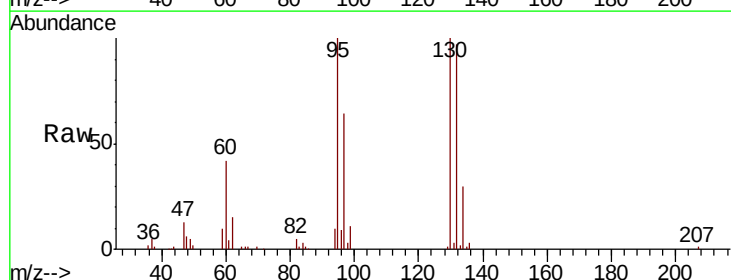
Acq: 28 May 2020 22:03

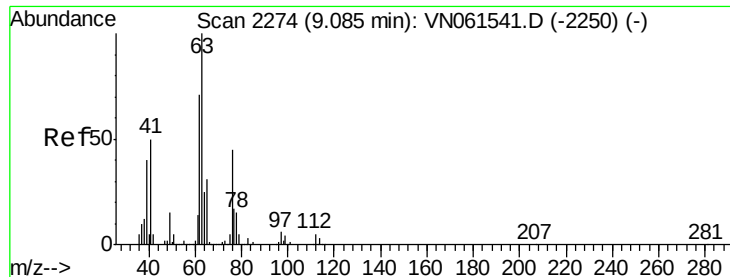
Tgt Ion:130 Resp: 86989

Ion Ratio Lower Upper

130 100

95 100.0 0.0 196.6





#45

1,2-Dichloropropane

Concen: 18.870 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

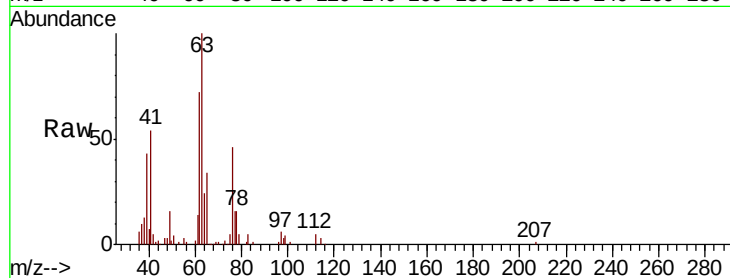
VN0528WBS01

Tot Ion: 63 Resp: 70759

Ion Ratio Lower Upper

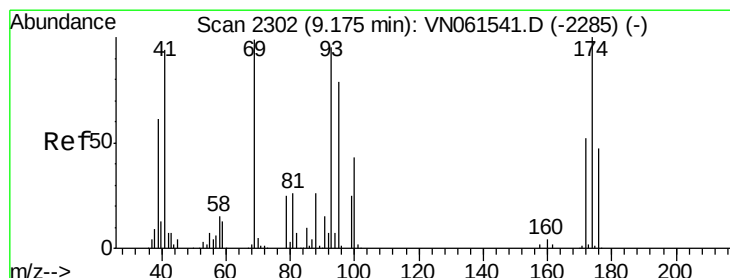
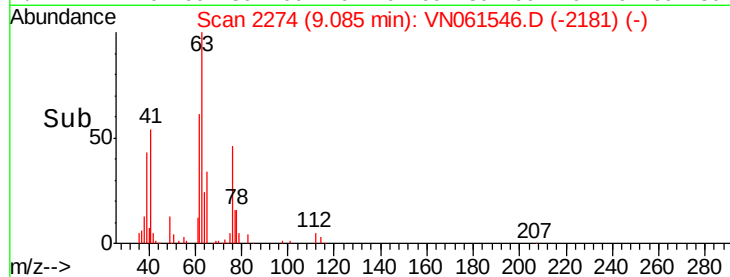
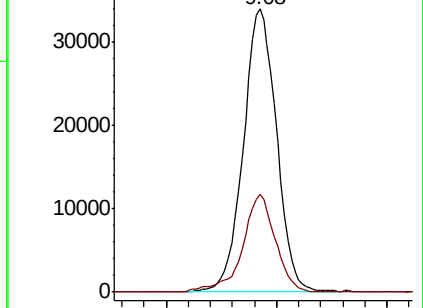
63 100

65 34.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN061546.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN061546.D (-2181) (-)



#46

Dibromomethane

Concen: 18.721 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

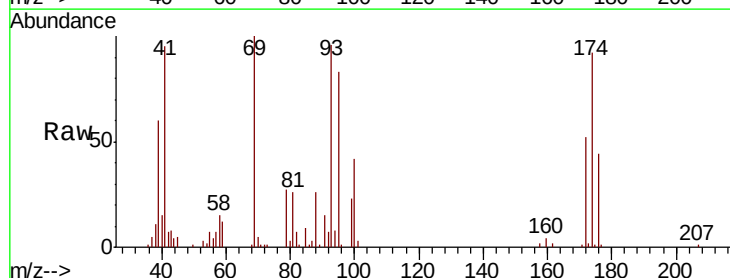
Tgt Ion: 93 Resp: 53841

Ion Ratio Lower Upper

93 100

95 84.8 66.0 99.0

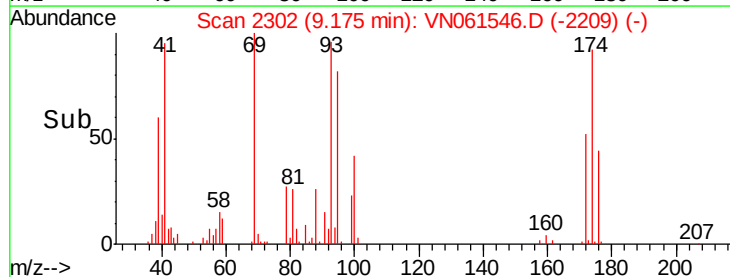
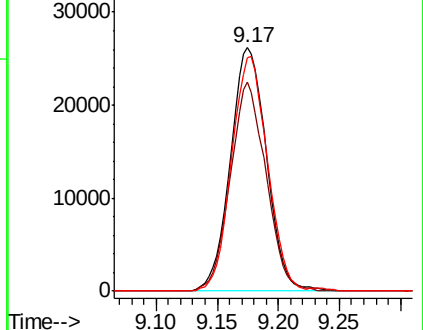
174 95.3 82.5 123.7

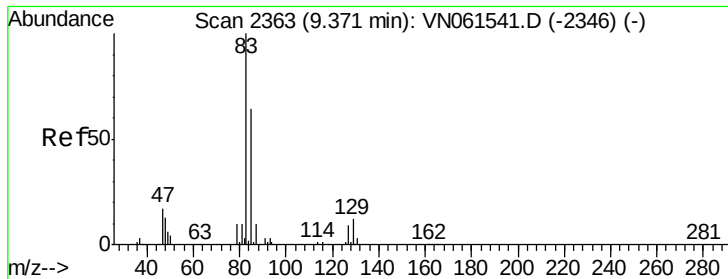


Abundance Ion 92.80 (92.50 to 93.50): VN061546.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN061546.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN061546.D (-2209) (-)





#47

Bromodichloromethane

Concen: 18.789 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

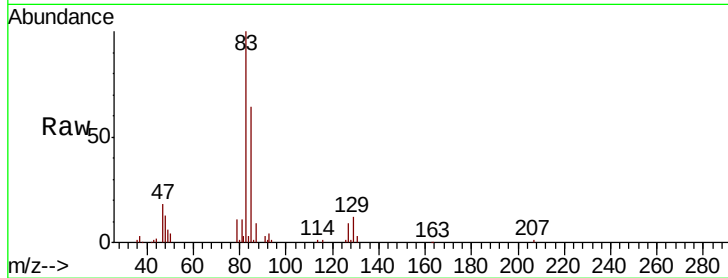
Tot Ion: 83 Resp: 107058

Ion Ratio Lower Upper

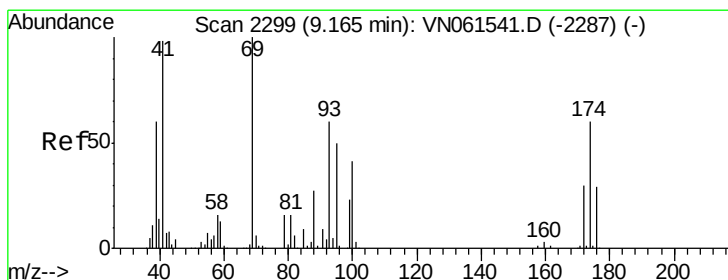
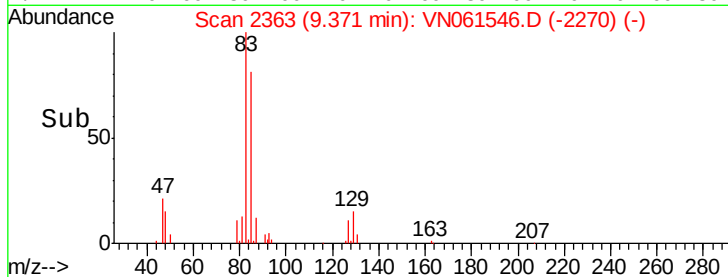
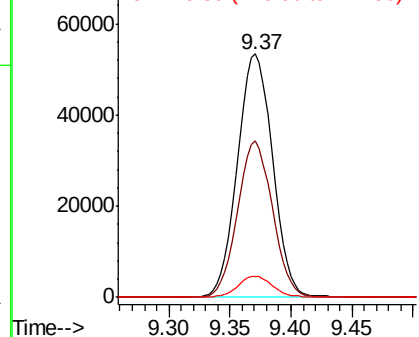
83 100

85 64.2 51.1 76.7

127 8.7 7.2 10.8



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



#48

Methyl methacrylate

Concen: 18.550 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

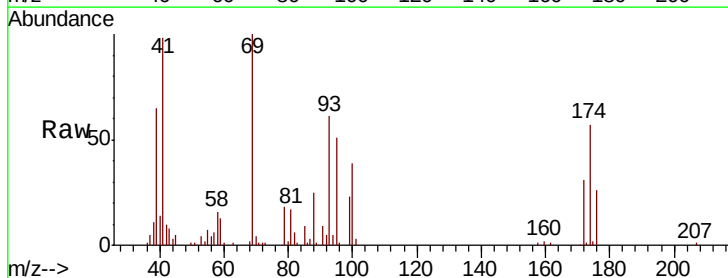
Tgt Ion: 41 Resp: 61897

Ion Ratio Lower Upper

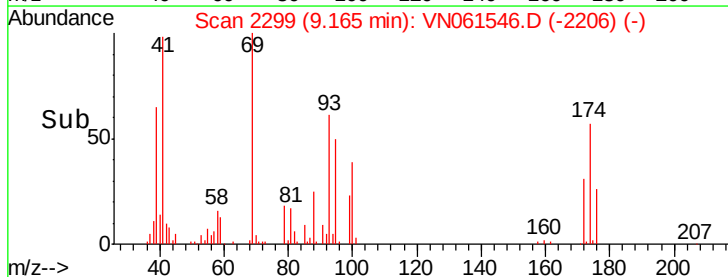
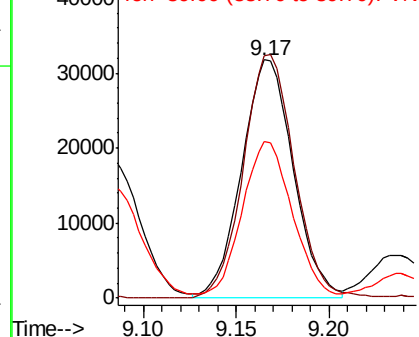
41 100

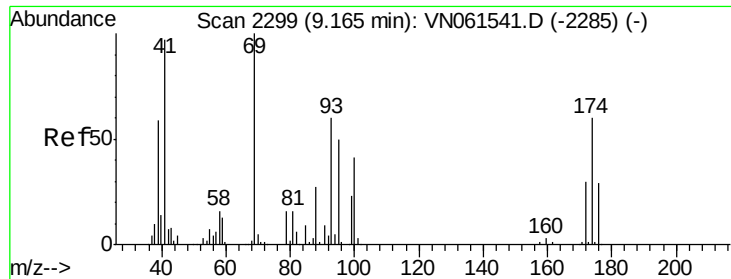
69 100.8 83.9 125.9

39 62.9 52.1 78.1



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

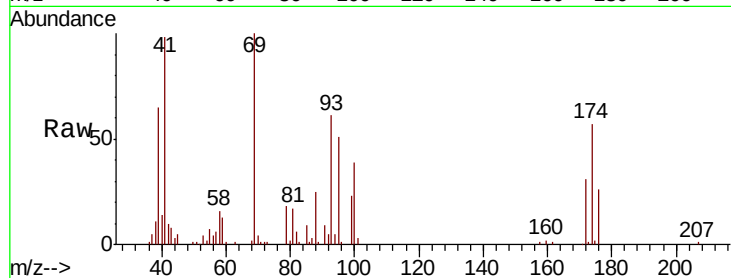




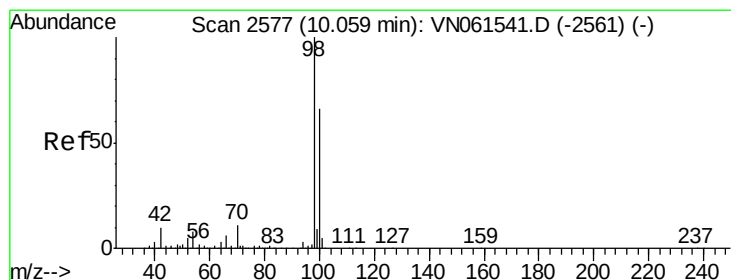
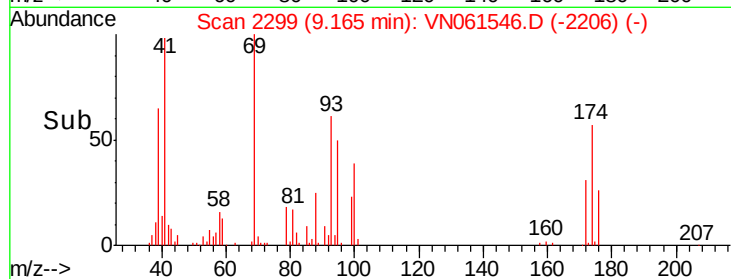
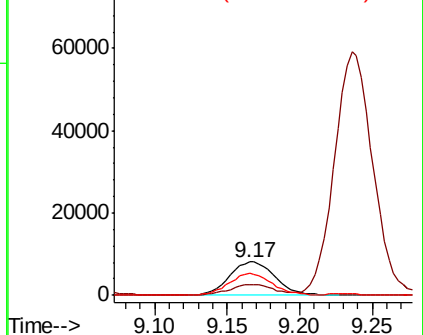
#49
1,4-Dioxane
Concen: 344.692 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion: 88 Resp: 17818
Ion Ratio Lower Upper
88 100
43 31.7 23.1 34.7
58 61.8 48.3 72.5

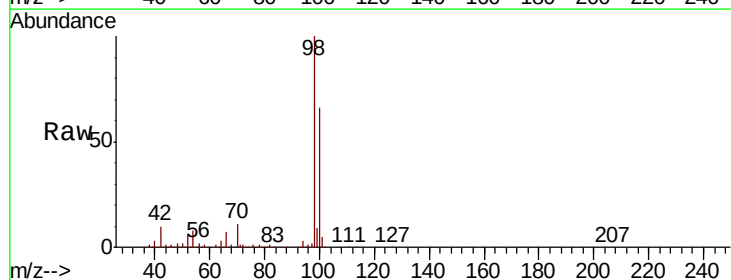


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

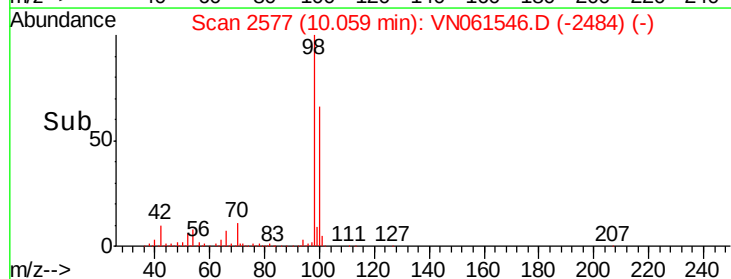
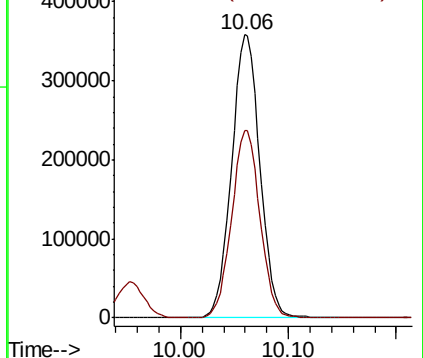


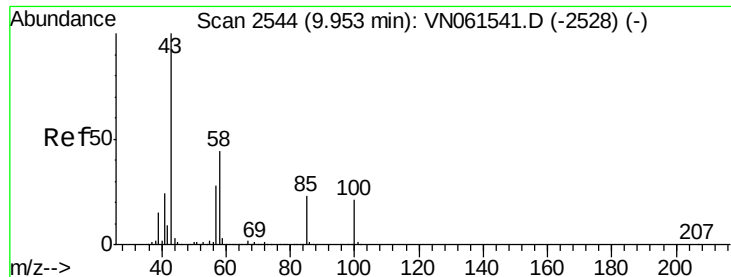
#50
Toluene-d8
Concen: 48.284 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 98 Resp: 656230
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2



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: 95.491 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

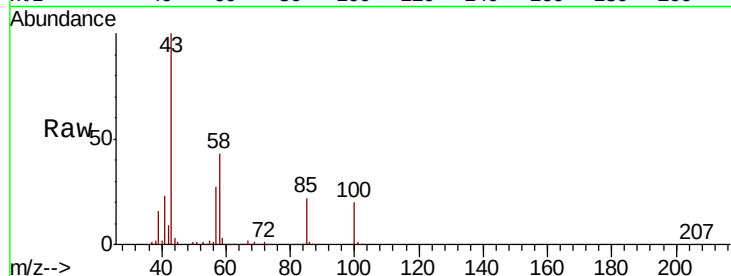
VN0528WBS01

Tot Ion: 43 Resp: 399090

Ion Ratio Lower Upper

43 100

58 43.0 35.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

250000

200000

150000

100000

50000

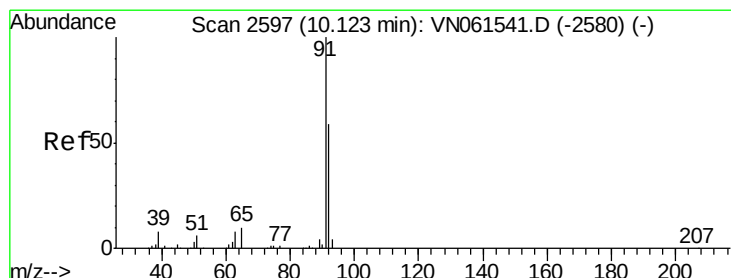
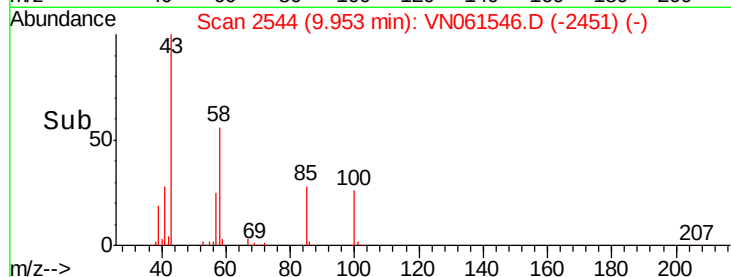
0

9.90

9.95

10.00

Time-->



#52

Toluene

Concen: 18.704 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061546.D

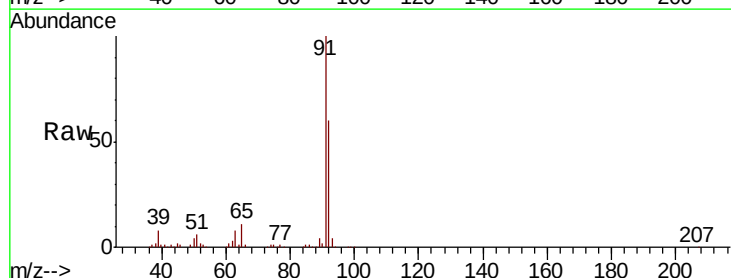
Acq: 28 May 2020 22:03

Tgt Ion: 92 Resp: 192782

Ion Ratio Lower Upper

92 100

91 168.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061546.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN061546.D (-2504) (-)

200000

150000

100000

50000

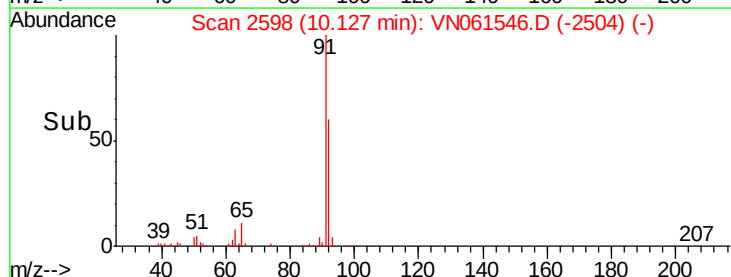
0

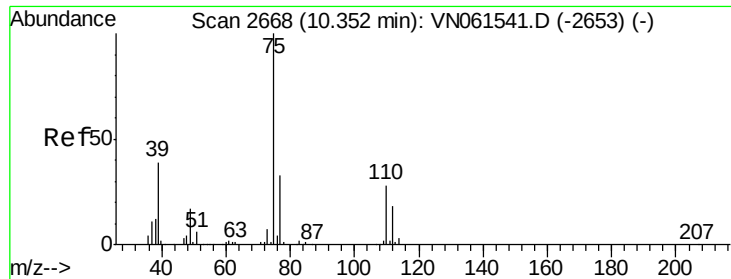
10.10

10.13

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.224 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampled :

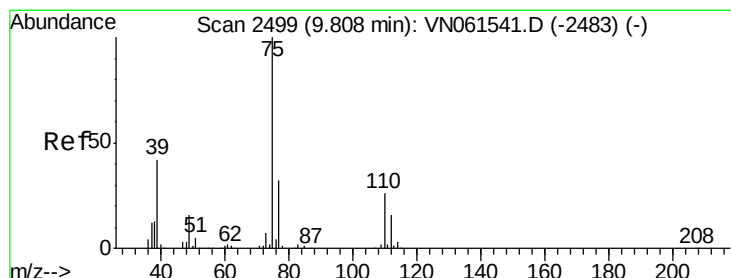
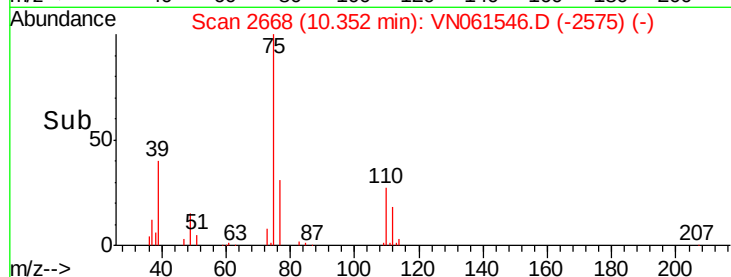
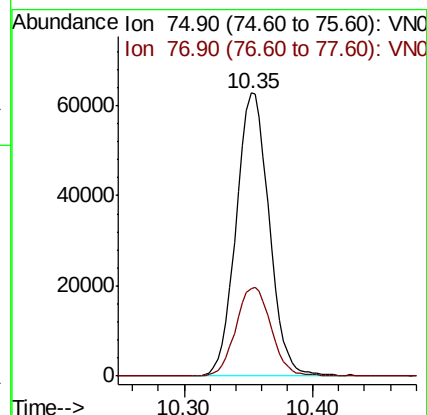
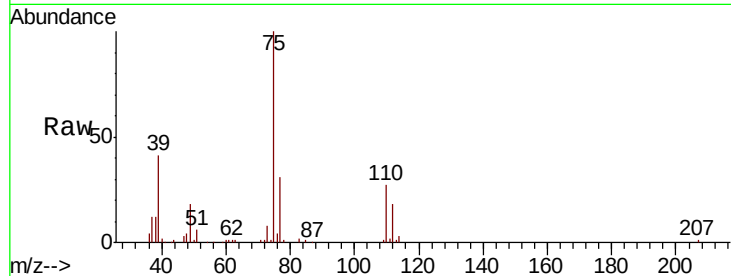
VN0528WBS01

Tot Ion: 75 Resp: 111860

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 18.341 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

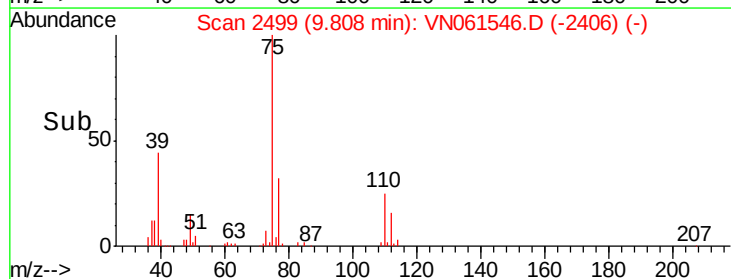
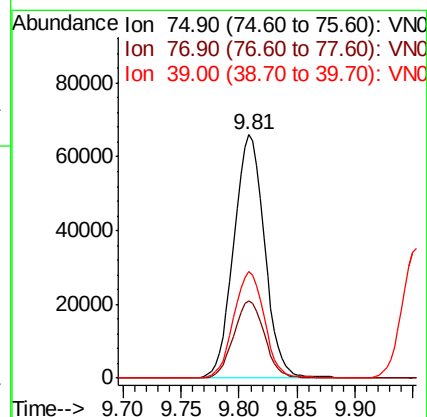
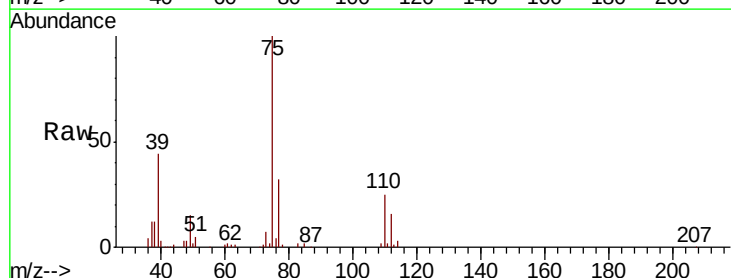
Tgt Ion: 75 Resp: 121049

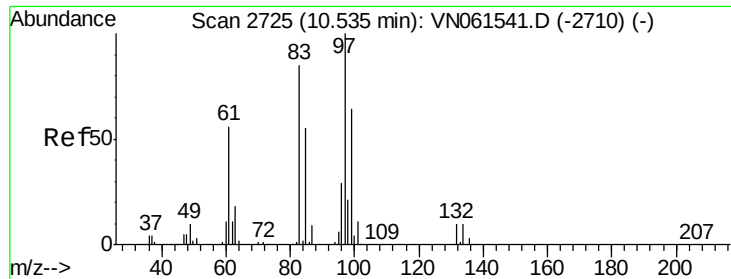
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 43.6 33.8 50.6



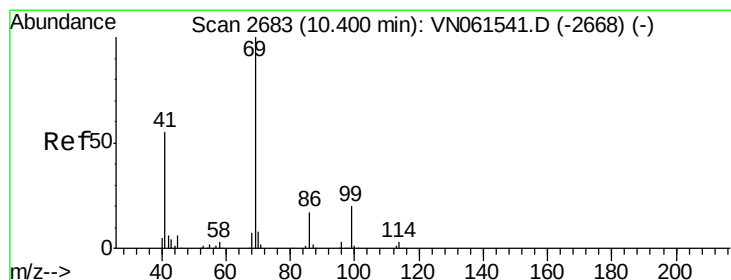
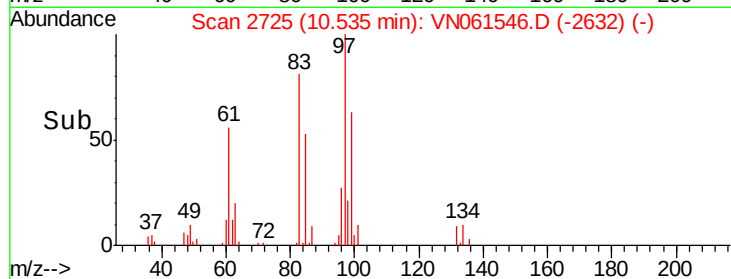
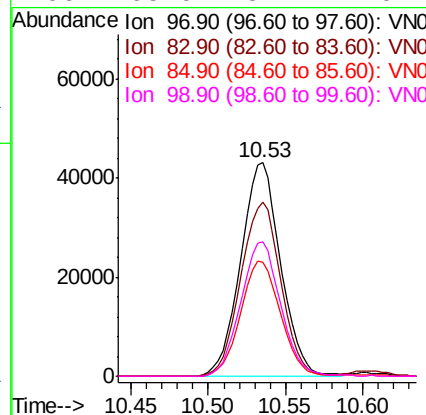
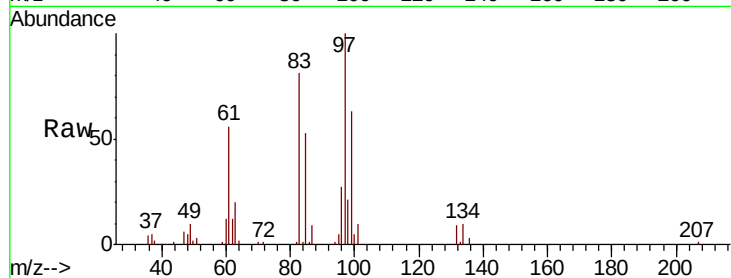


#55
 1,1,2-Trichloroethane
 Concen: 18.811 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

Tot Ion: 97 Resp: 77246

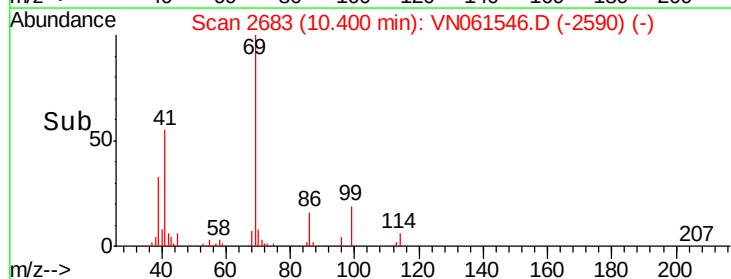
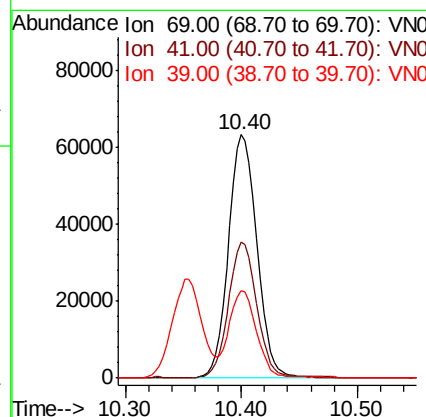
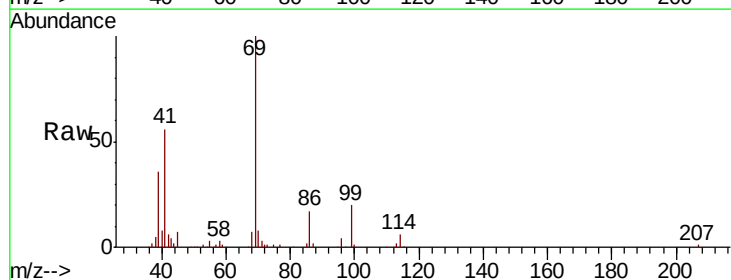
Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.1	102.1
85	53.4	44.1	66.1
99	63.0	51.1	76.7

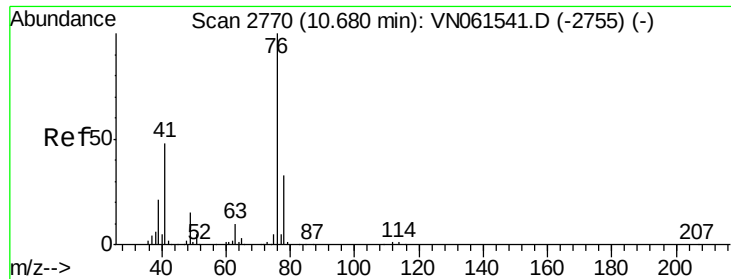


#56
 Ethyl methacrylate
 Concen: 18.868 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion: 69 Resp: 108232

Ion	Ratio	Lower	Upper
69	100		
41	54.7	43.5	65.3
39	34.4	27.0	40.6





#57

1,3-Dichloropropane

Concen: 18.958 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

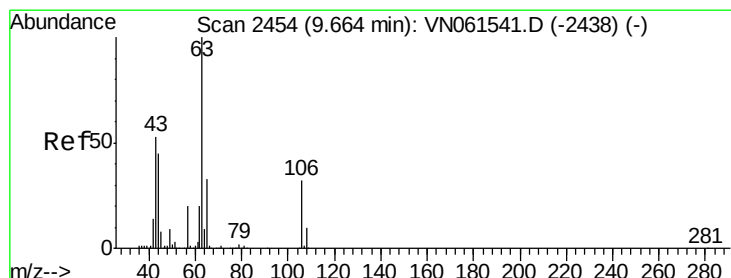
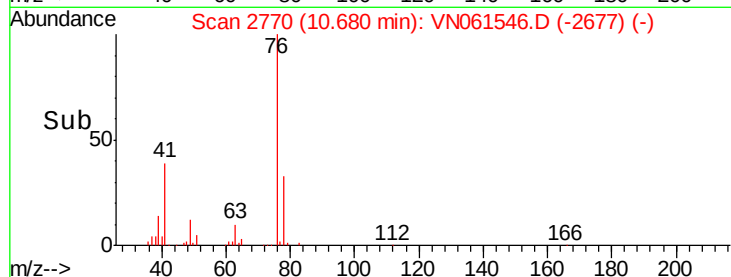
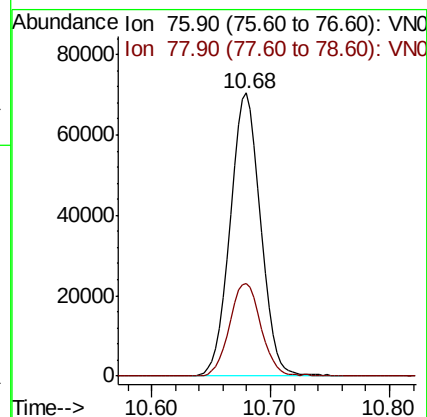
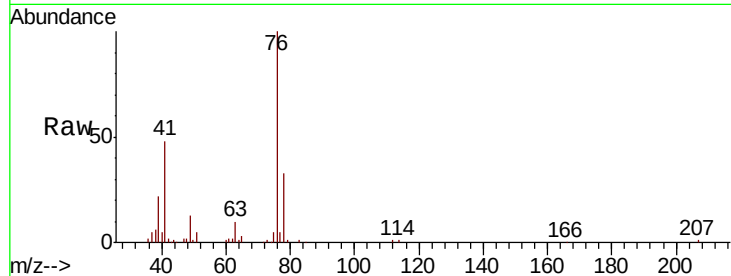
VN0528WBS01

Tot Ion: 76 Resp: 124509

Ion Ratio Lower Upper

76 100

78 34.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 91.989 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN061546.D

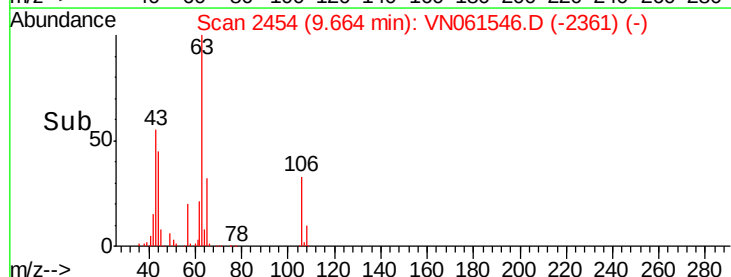
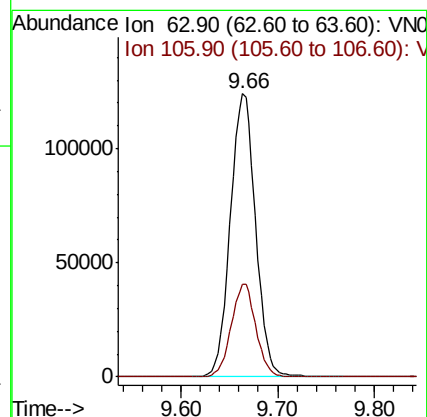
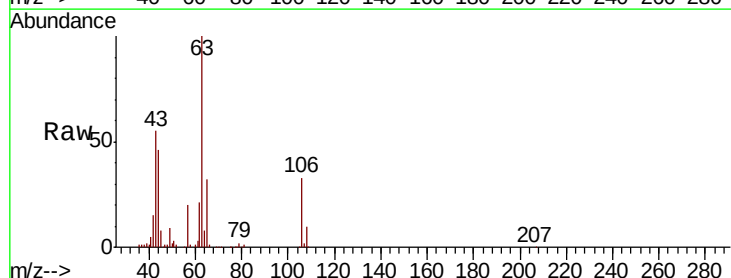
Acq: 28 May 2020 22:03

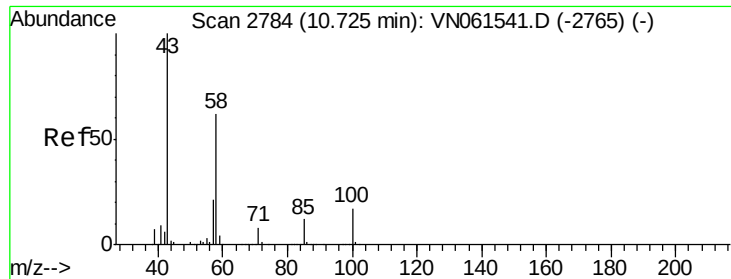
Tgt Ion: 63 Resp: 225498

Ion Ratio Lower Upper

63 100

106 32.1 25.9 38.9

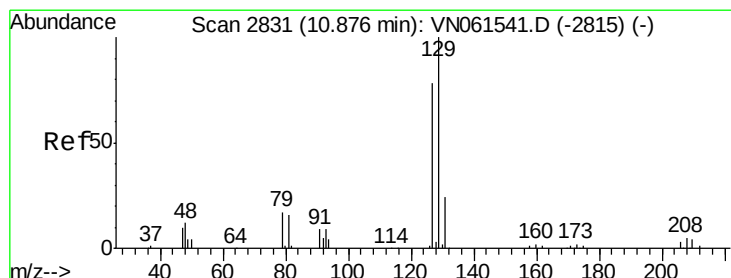
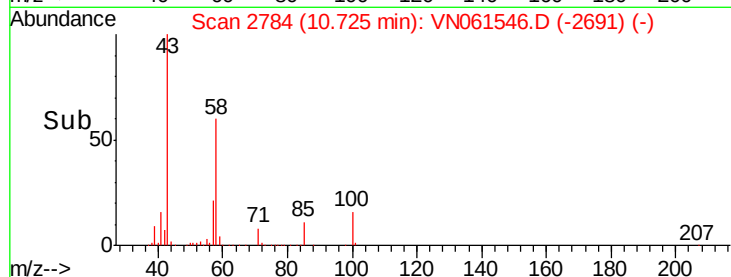
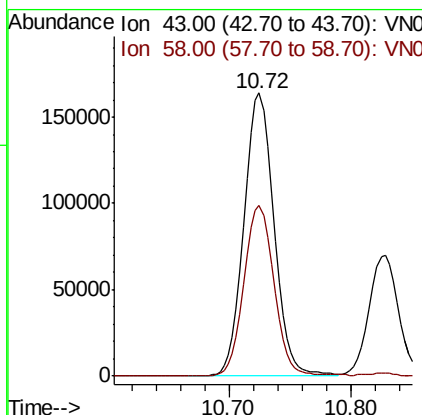
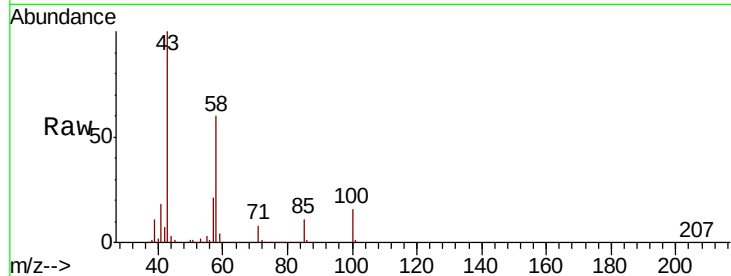




#59
2-Hexanone
Concen: 92.836 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

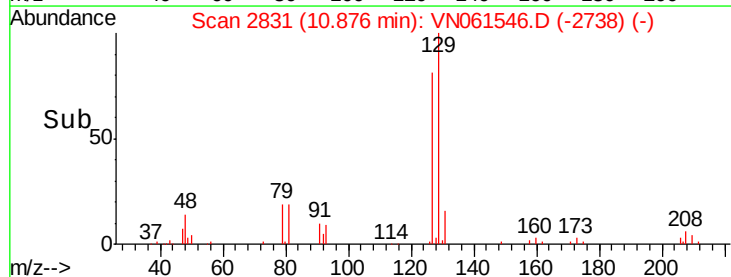
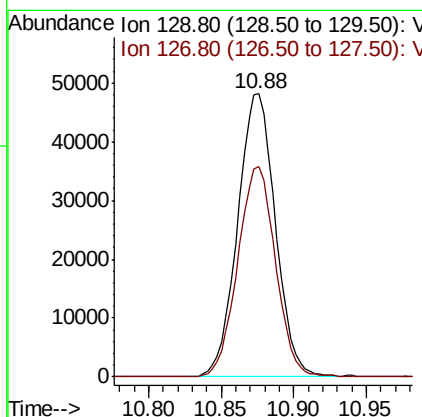
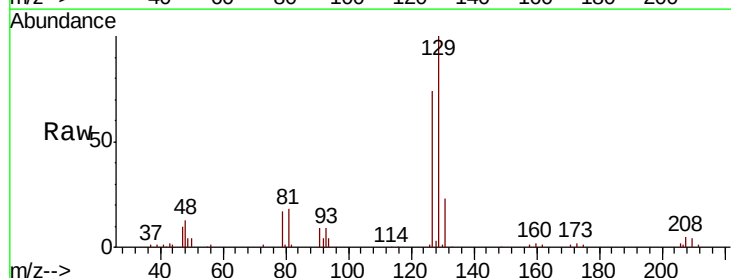
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

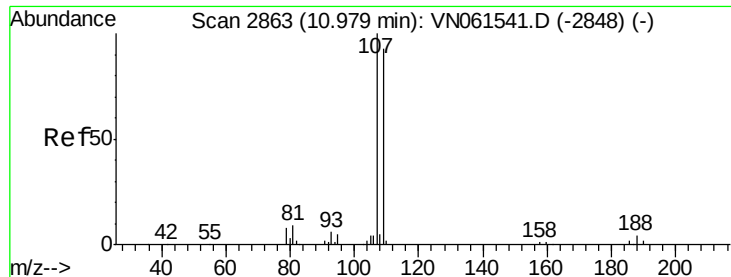
Tot Ion: 43 Resp: 278648
Ion Ratio Lower Upper
43 100
58 60.5 30.7 92.1



#60
Dibromochloromethane
Concen: 18.674 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 129 Resp: 87176
Ion Ratio Lower Upper
129 100
127 74.3 38.8 116.3

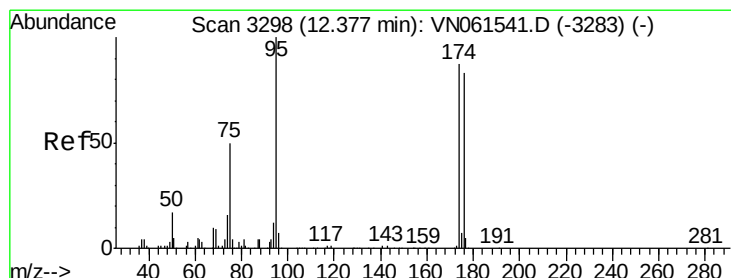
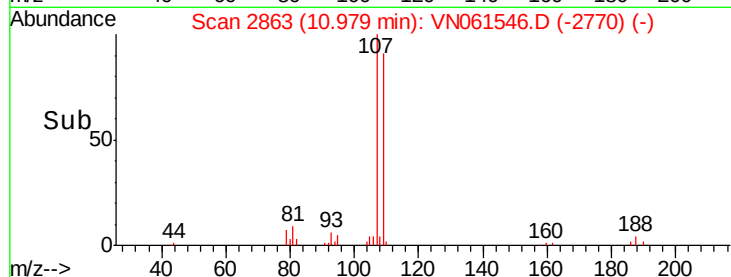
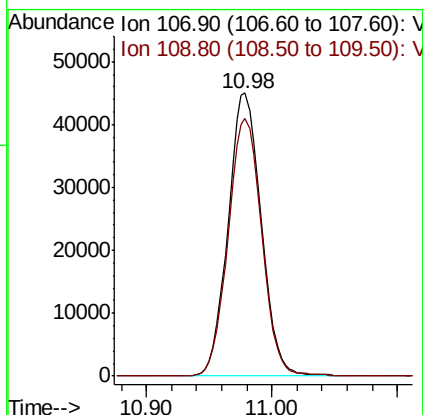
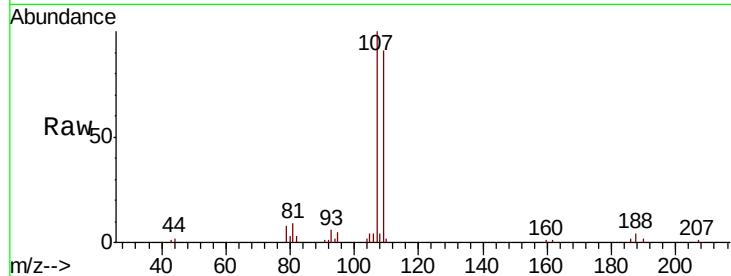




#61
 1,2-Dibromoethane
 Concen: 19.233 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

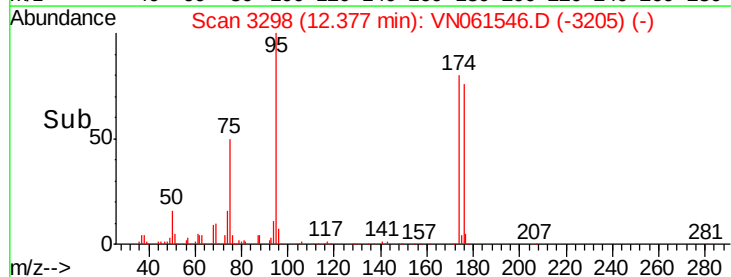
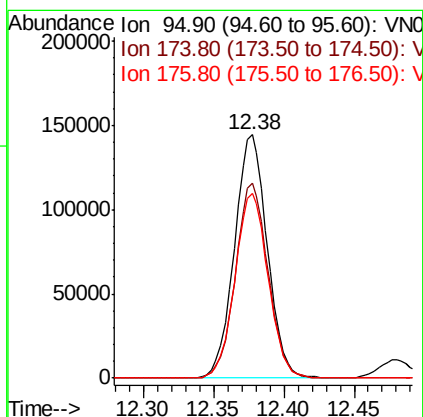
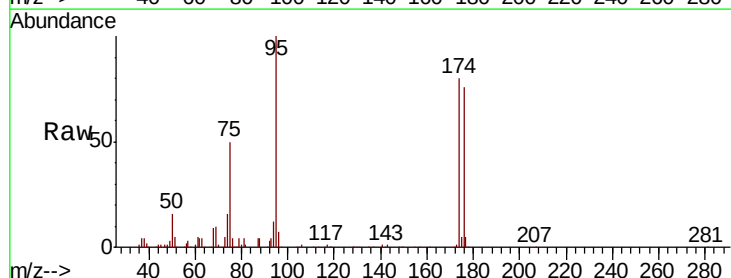
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

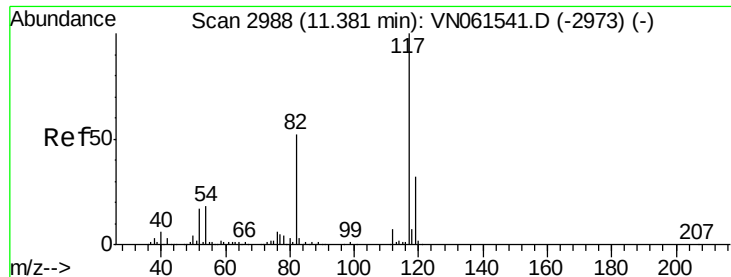
Tot Ion:107 Resp: 82371
 Ion Ratio Lower Upper
 107 100
 109 92.6 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 47.518 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion: 95 Resp: 235618
 Ion Ratio Lower Upper
 95 100
 174 79.5 0.0 172.8
 176 76.8 0.0 164.8

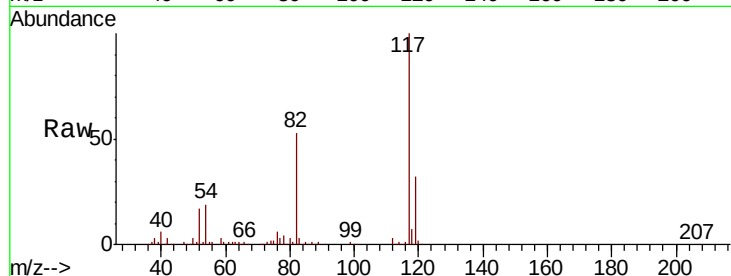




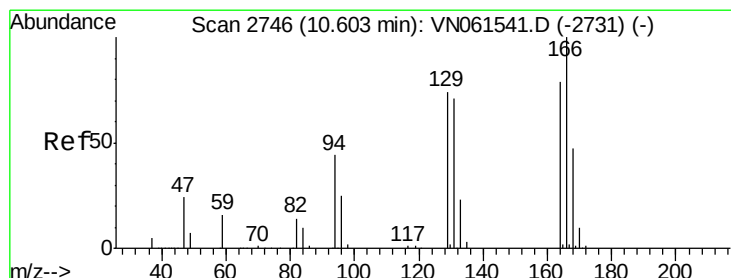
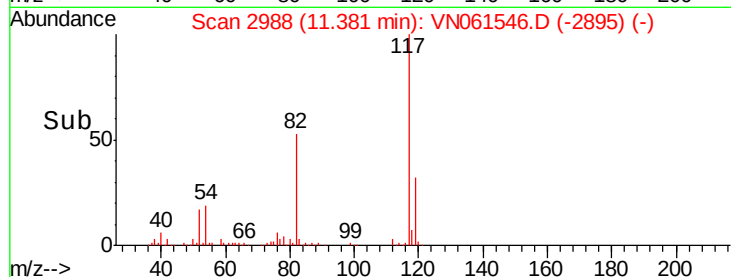
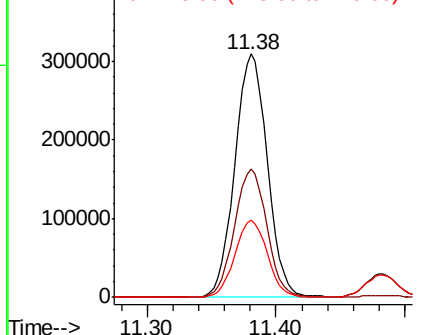
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

Tot Ion:117 Resp: 543227
Ion Ratio Lower Upper
117 100
82 52.6 41.5 62.3
119 31.5 25.6 38.4

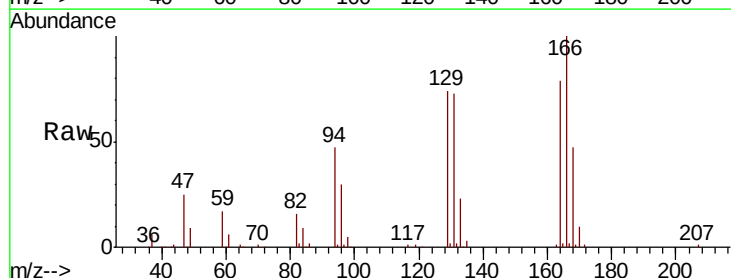


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

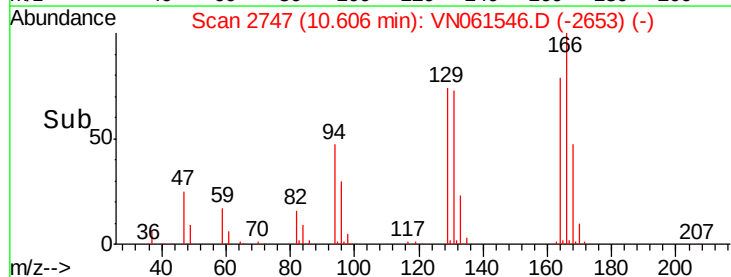
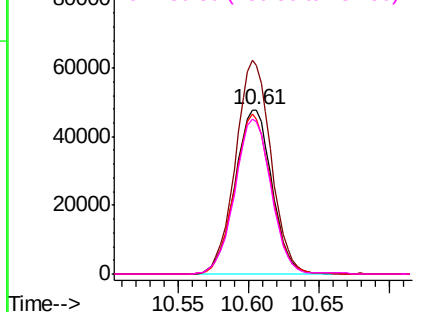


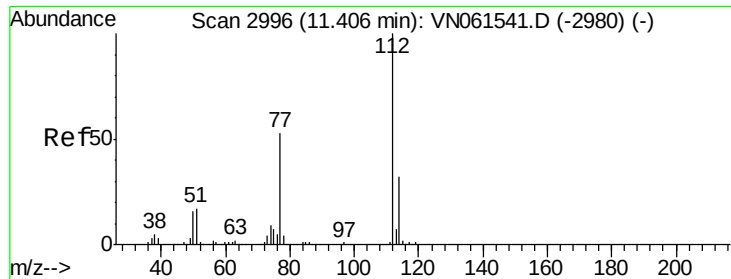
#64
Tetrachloroethene
Concen: 17.101 ug/l
RT: 10.61 min Scan# 2747
Delta R.T. 0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion:164 Resp: 87446
Ion Ratio Lower Upper
164 100
166 127.2 101.5 152.3
129 94.5 74.9 112.3
131 92.7 72.2 108.2



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

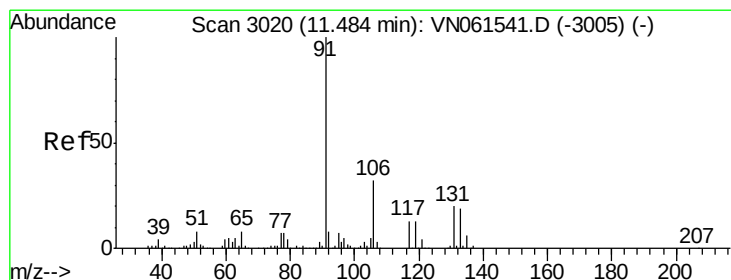
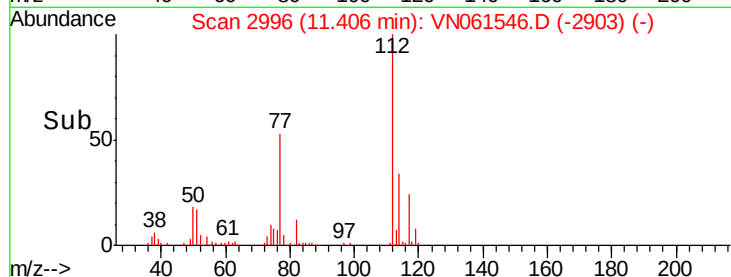
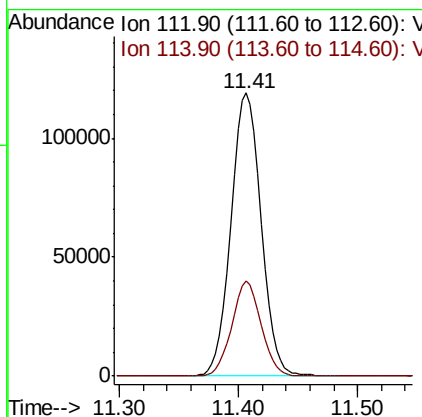
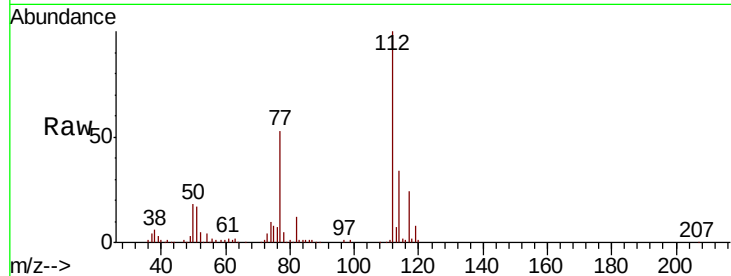




#65
Chlorobenzene
Concen: 18.519 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

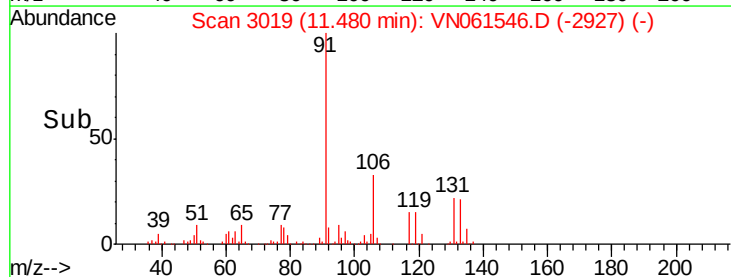
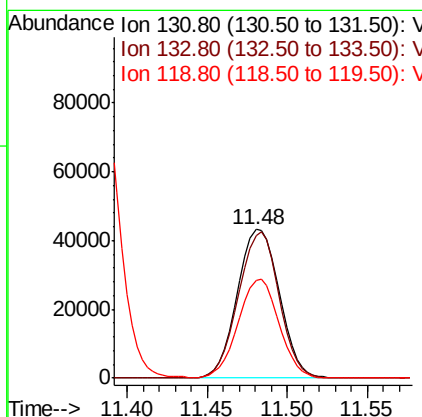
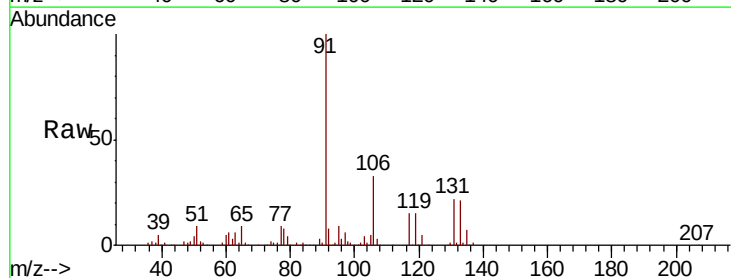
Instrument :
MSVOA_N
ClientSampled :
VN0528WBS01

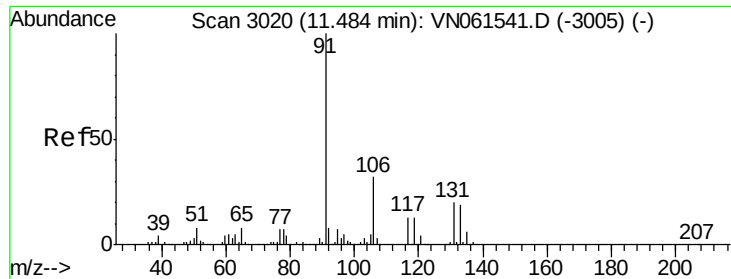
Tot Ion:112 Resp: 209110
Ion Ratio Lower Upper
112 100
114 33.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.521 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion:131 Resp: 77872
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 64.6 32.6 97.8

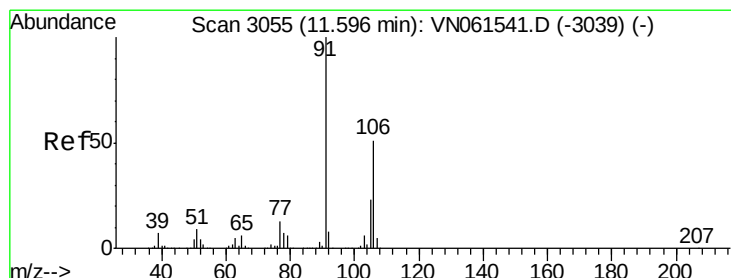
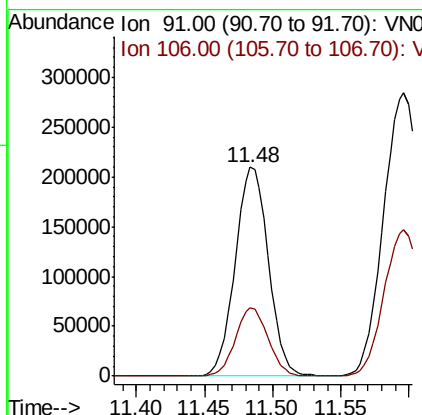
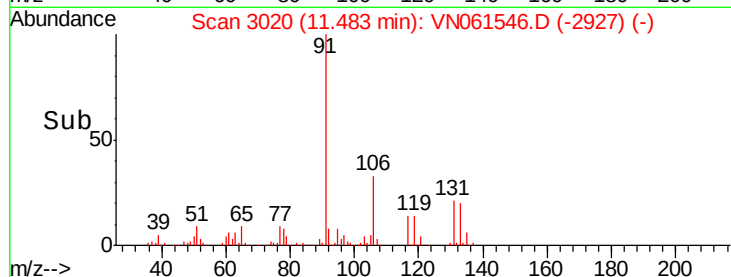
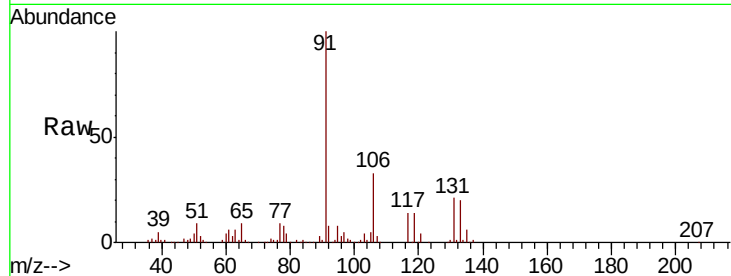




#67
Ethyl Benzene
Concen: 18.181 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

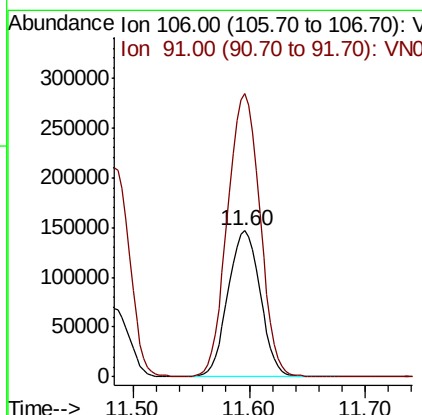
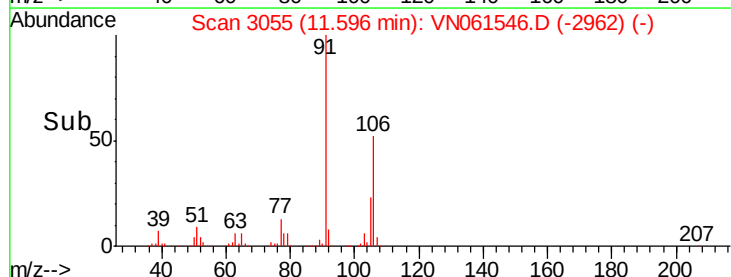
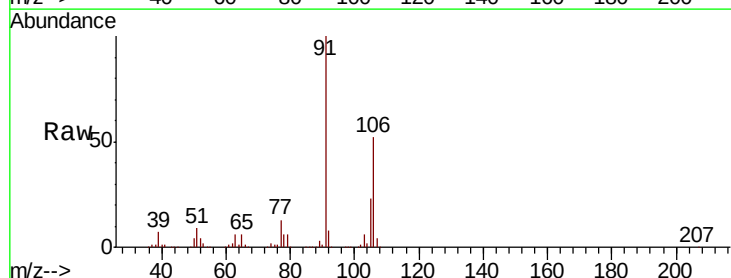
Instrument :
MSVOA_N
ClientSampled :
VN0528WBS01

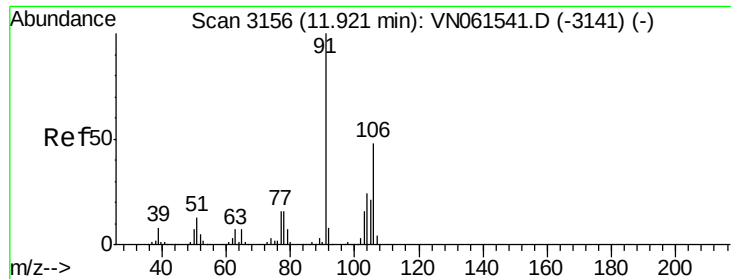
Tot Ion: 91 Resp: 354833
Ion Ratio Lower Upper
91 100
106 32.8 25.6 38.4



#68
m/p-Xylenes
Concen: 36.672 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 106 Resp: 283779
Ion Ratio Lower Upper
106 100
91 194.9 156.2 234.4

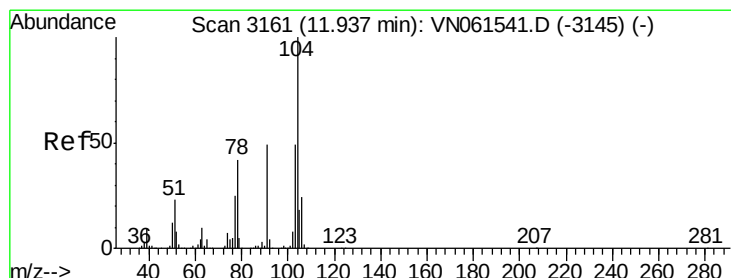
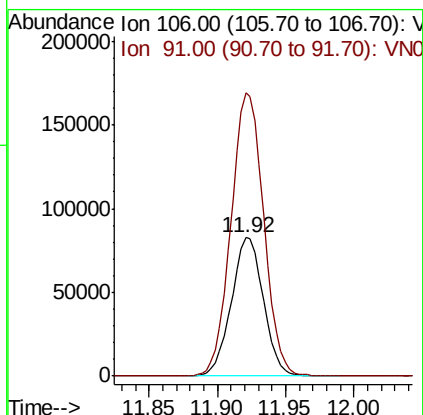
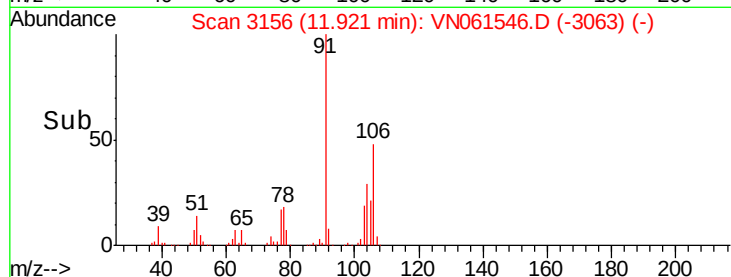
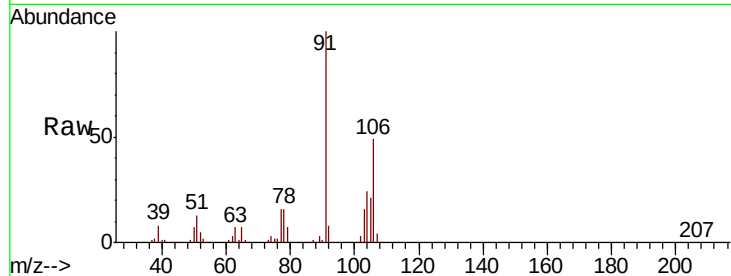




#69
o-Xylene
Concen: 18.441 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

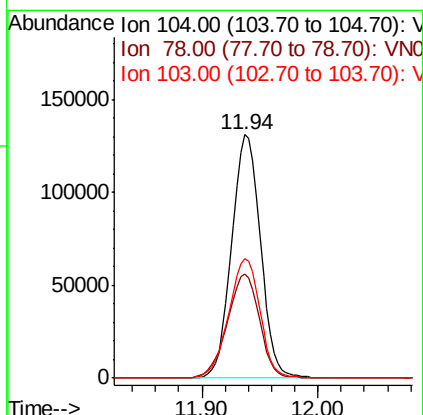
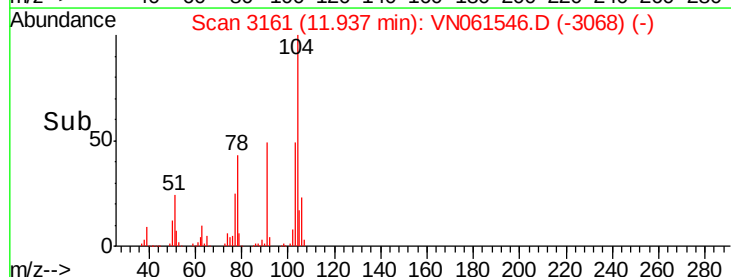
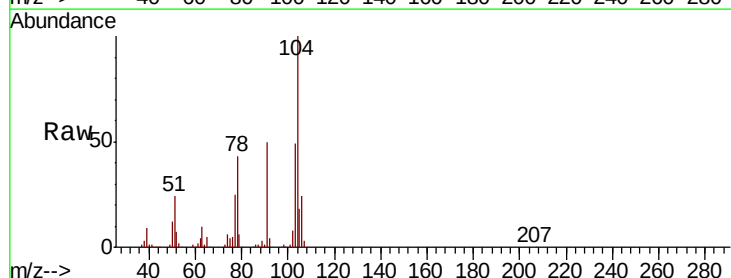
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

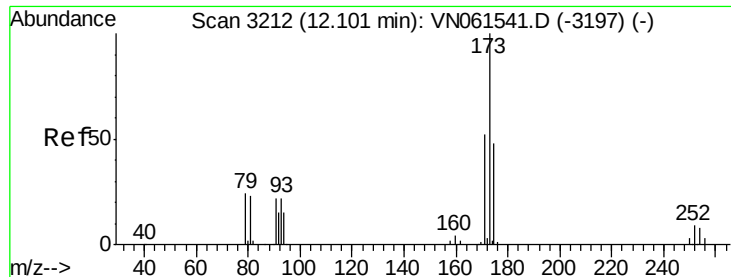
Tot Ion:106 Resp: 135541
Ion Ratio Lower Upper
106 100
91 208.0 103.3 309.8



#70
Styrene
Concen: 18.517 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion:104 Resp: 225381
Ion Ratio Lower Upper
104 100
78 47.7 37.4 56.0
103 53.3 42.3 63.5





#71

Bromoform

Concen: 17.434 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

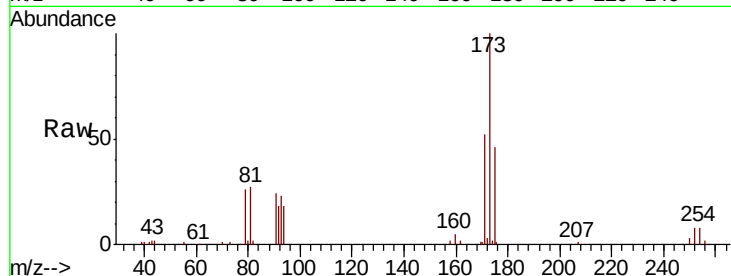
Tot Ion:173 Resp: 56483

Ion Ratio Lower Upper

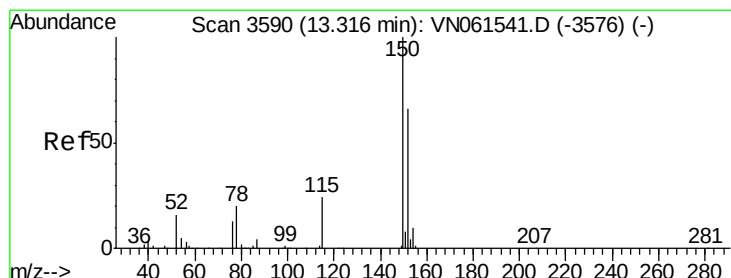
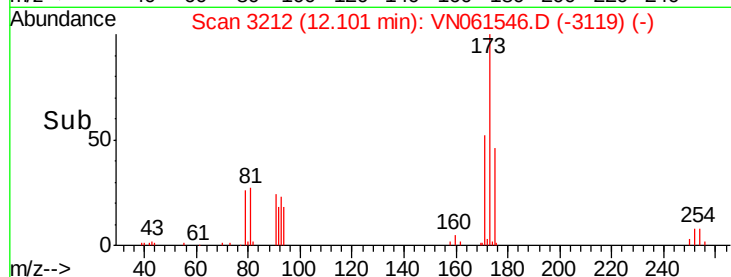
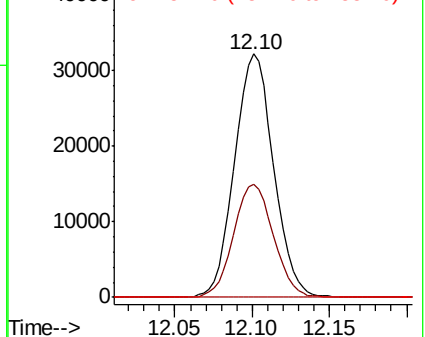
173 100

175 47.2 24.4 73.2

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# 3591

Delta R.T. 0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

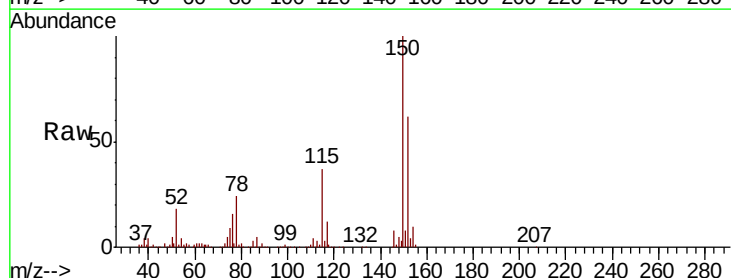
Tgt Ion:152 Resp: 256083

Ion Ratio Lower Upper

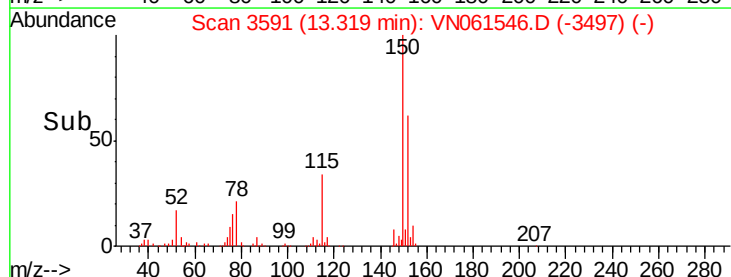
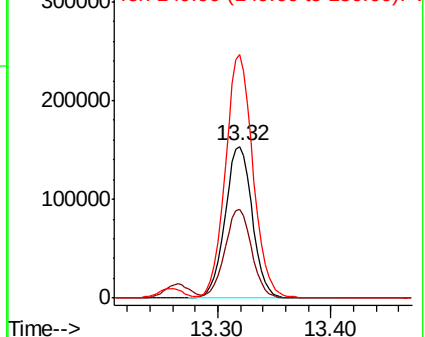
152 100

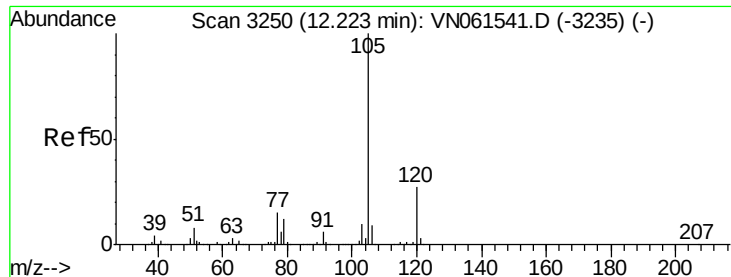
115 57.8 28.0 84.0

150 163.0 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.647 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

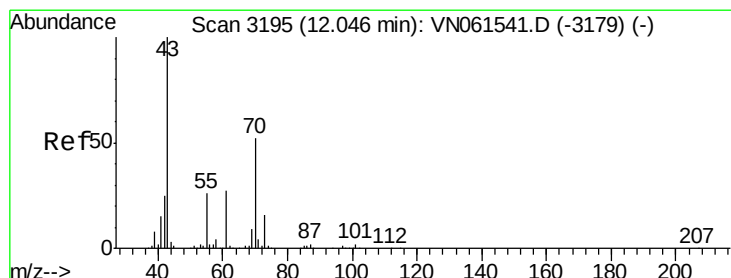
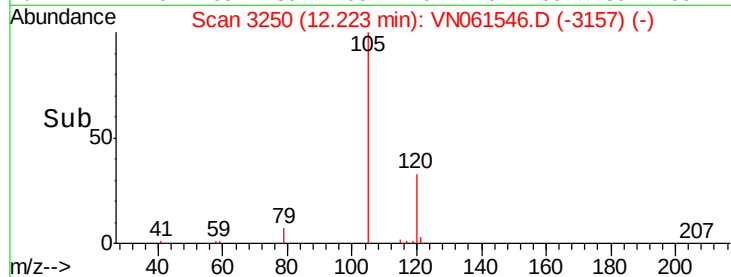
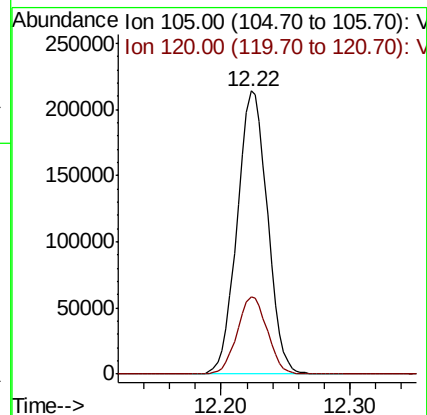
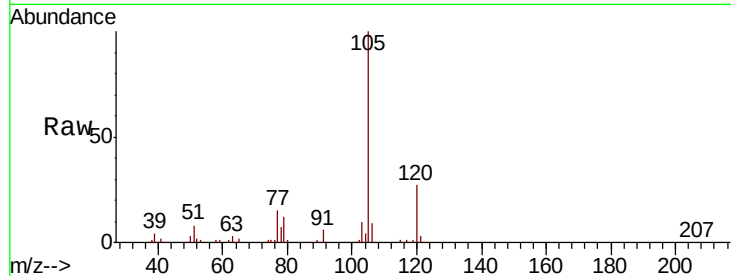
VN0528WBS01

Tot Ion:105 Resp: 348530

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



#74

N-ethyl acetate

Concen: 19.447 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion: 43 Resp: 114465

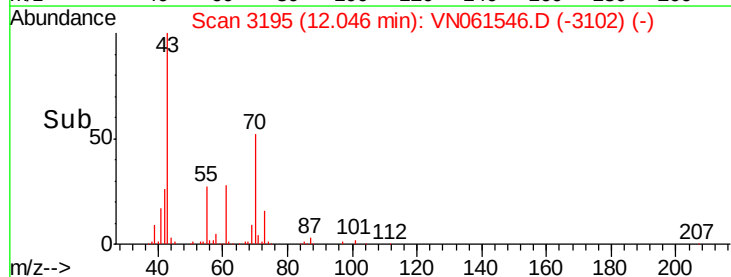
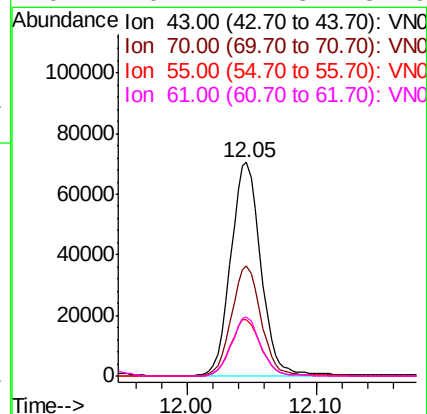
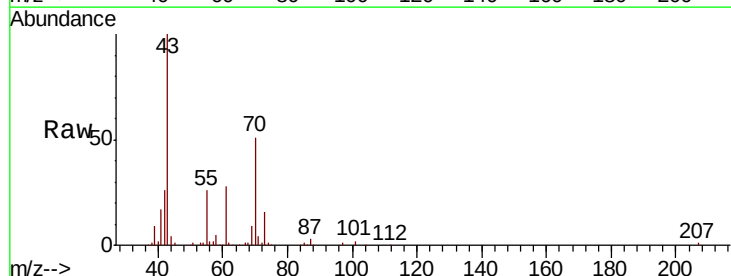
Ion Ratio Lower Upper

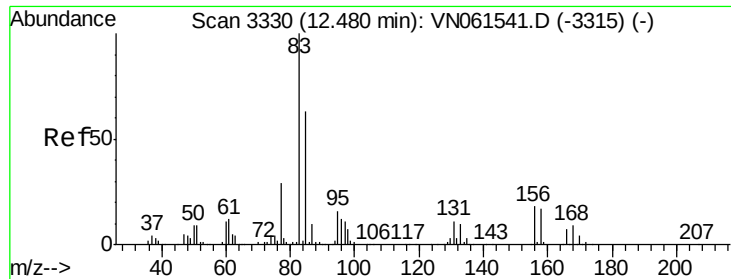
43 100

70 50.4 40.5 60.7

55 26.4 20.6 31.0

61 26.7 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.323 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

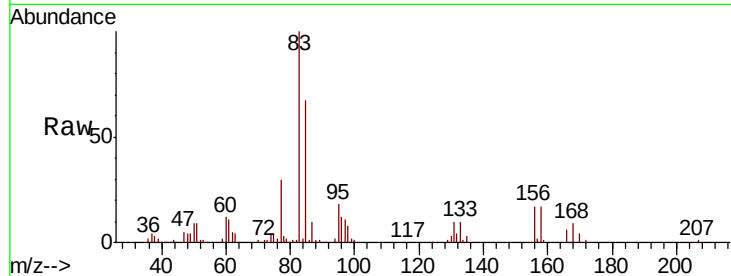
Tot Ion: 83 Resp: 101209

Ion Ratio Lower Upper

83 100

131 10.4 5.5 16.5

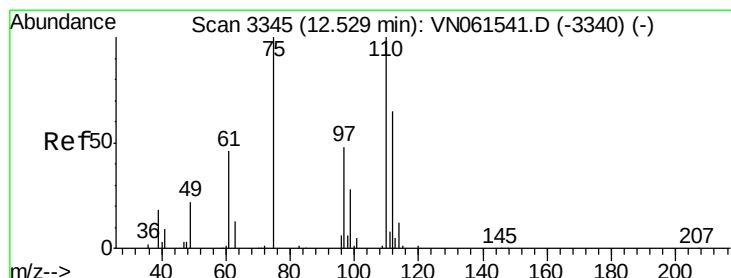
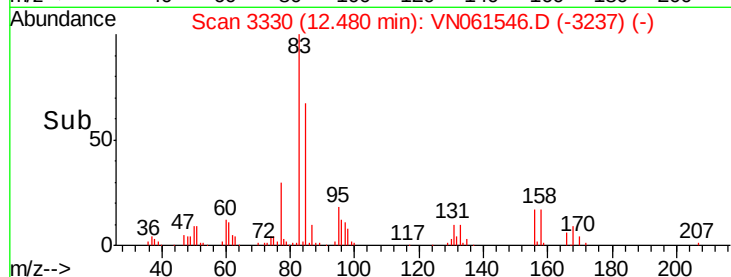
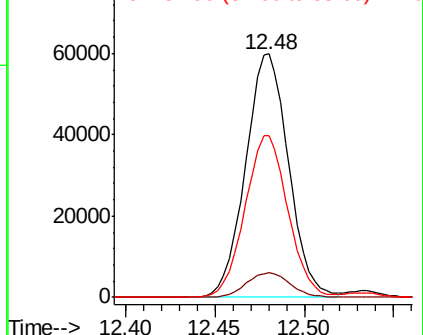
85 66.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.613 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061546.D

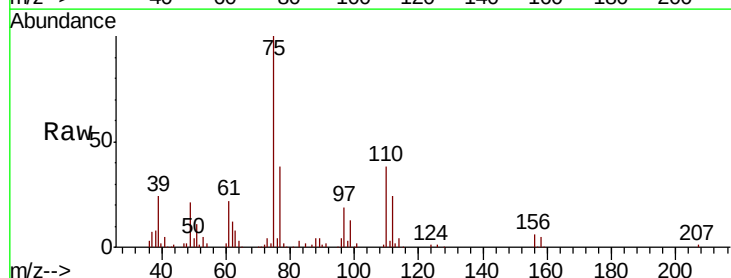
Acq: 28 May 2020 22:03

Tgt Ion: 75 Resp: 128580

Ion Ratio Lower Upper

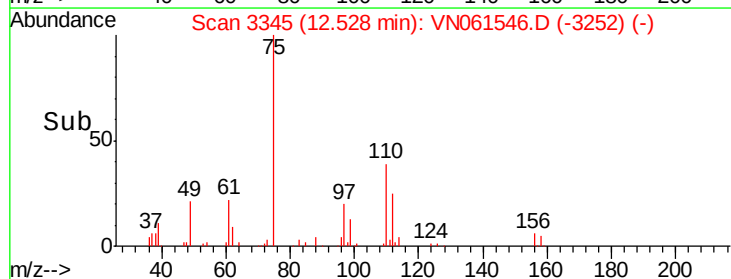
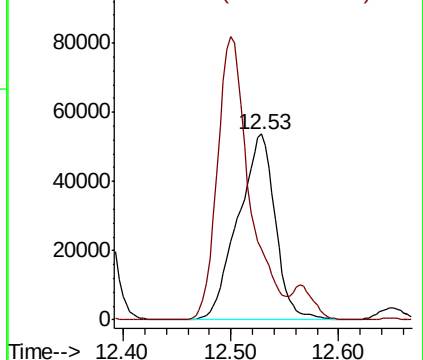
75 100

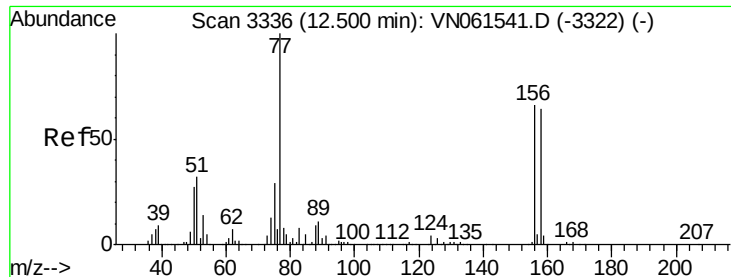
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.632 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampled :

VN0528WBS01

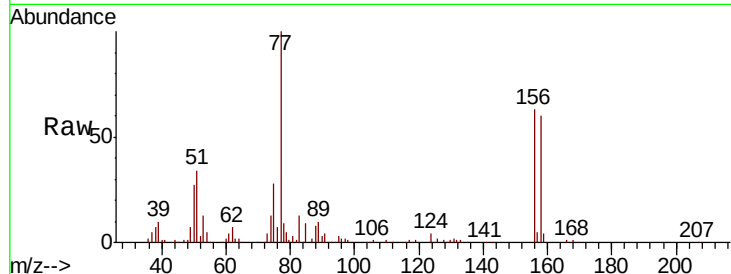
Tot Ion:156 Resp: 88890

Ion Ratio Lower Upper

156 100

77 190.7 90.9 272.7

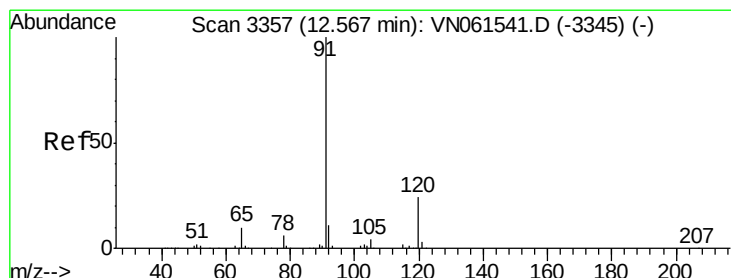
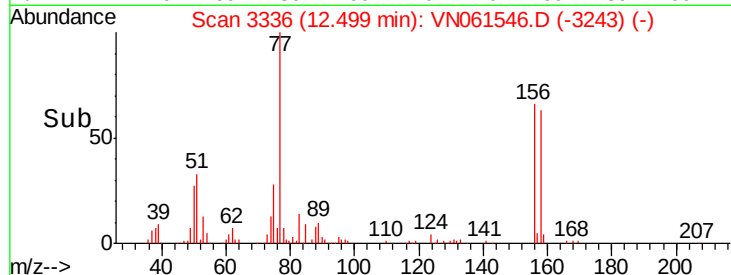
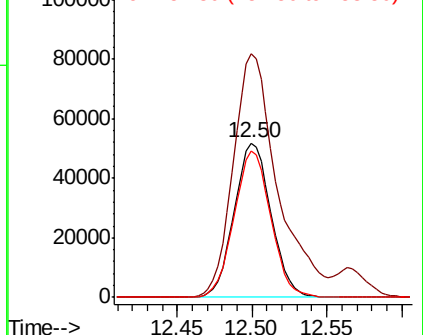
158 94.5 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.654 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061546.D

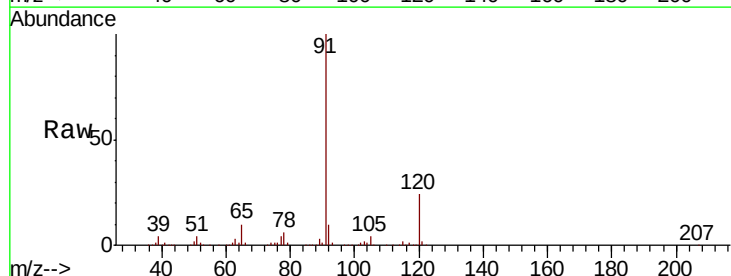
Acq: 28 May 2020 22:03

Tgt Ion: 91 Resp: 389223

Ion Ratio Lower Upper

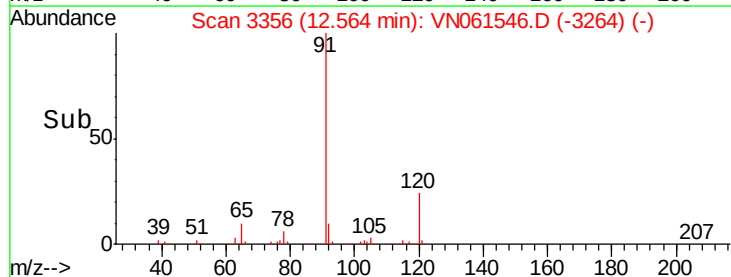
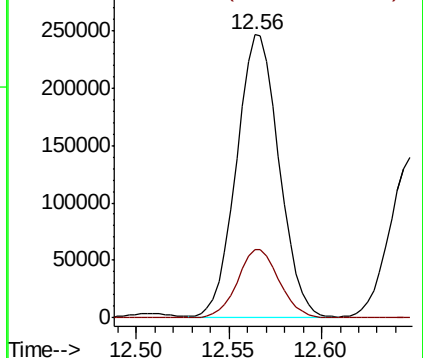
91 100

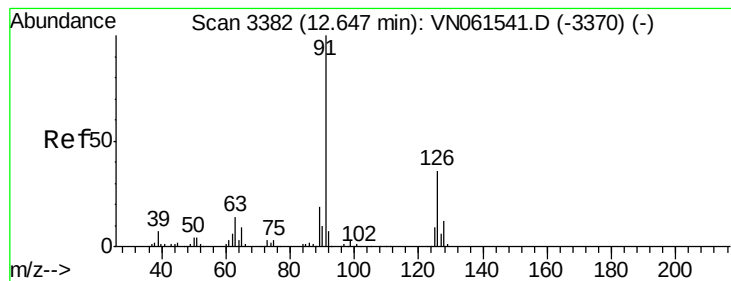
120 23.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.806 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

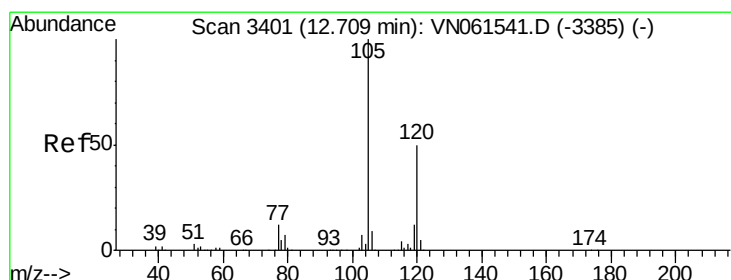
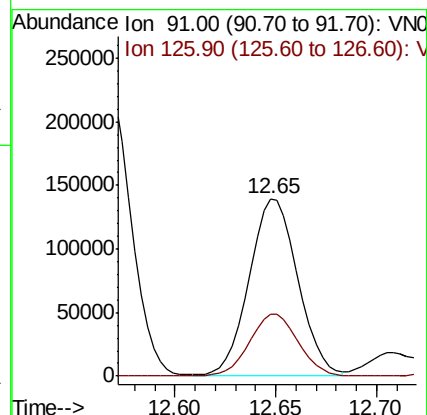
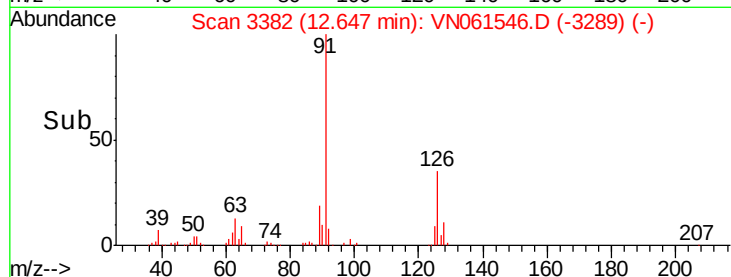
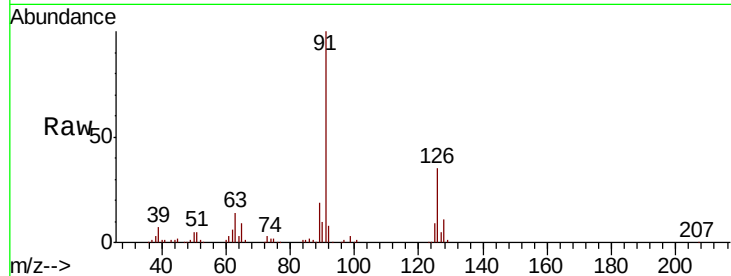
VN0528WBS01

Tot Ion: 91 Resp: 233988

Ion Ratio Lower Upper

91 100

126 35.3 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 18.834 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061546.D

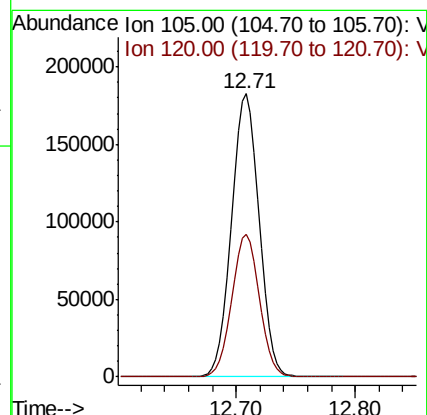
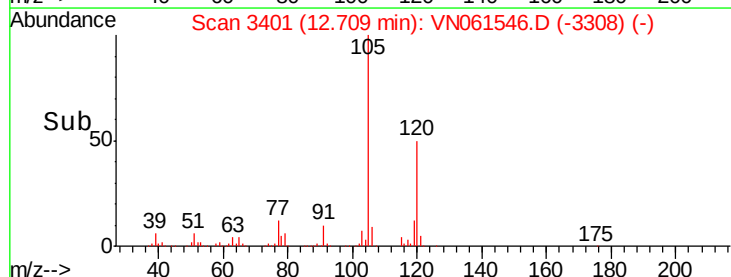
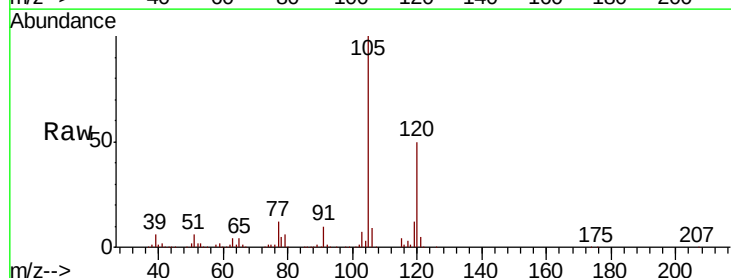
Acq: 28 May 2020 22:03

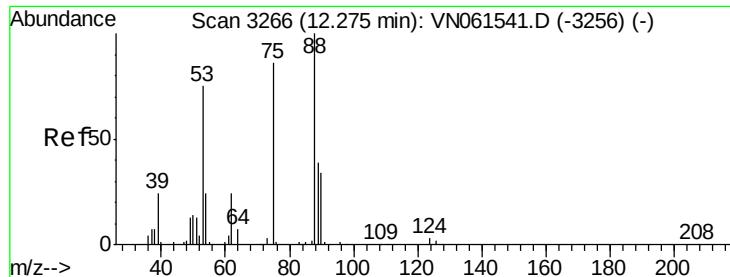
Tgt Ion:105 Resp: 294221

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2

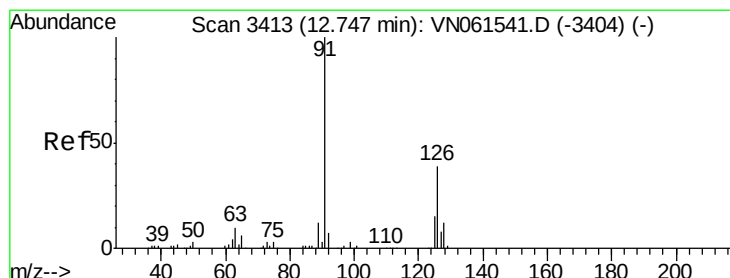
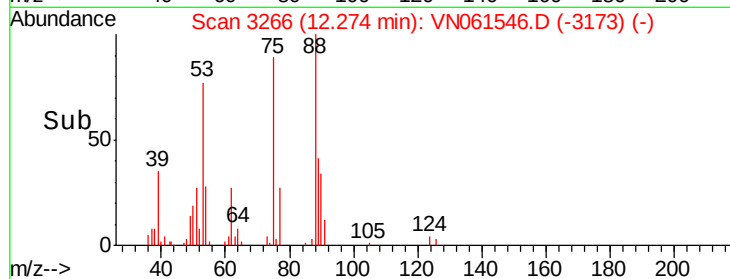
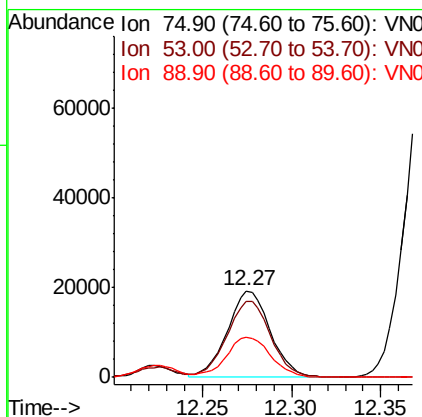
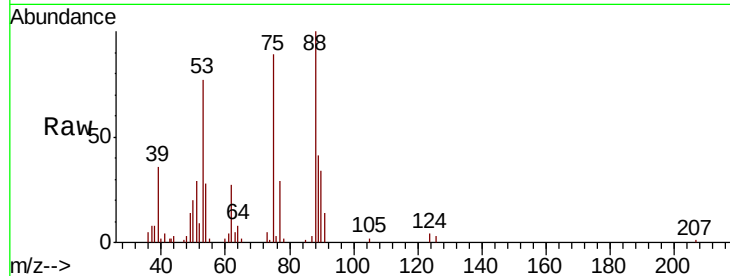




#81
trans-1,4-Dichloro-2-butene
Concen: 17.765 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

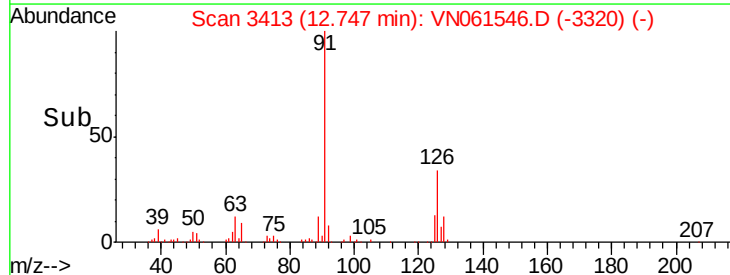
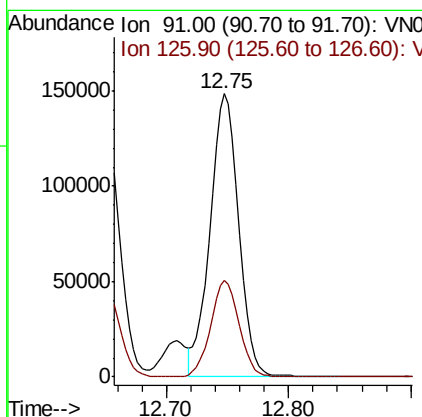
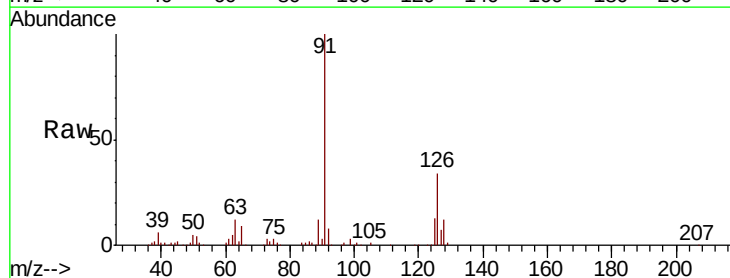
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBS01

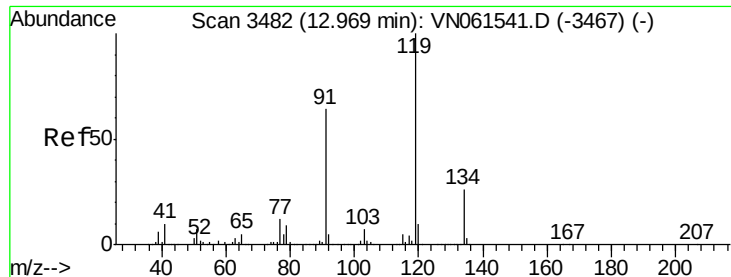
Tot Ion: 75 Resp: 32348
Ion Ratio Lower Upper
75 100
53 90.2 67.8 101.8
89 47.6 37.1 55.7



#82
4-Chlorotoluene
Concen: 18.698 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061546.D
Acq: 28 May 2020 22:03

Tgt Ion: 91 Resp: 244741
Ion Ratio Lower Upper
91 100
126 33.9 17.5 52.6

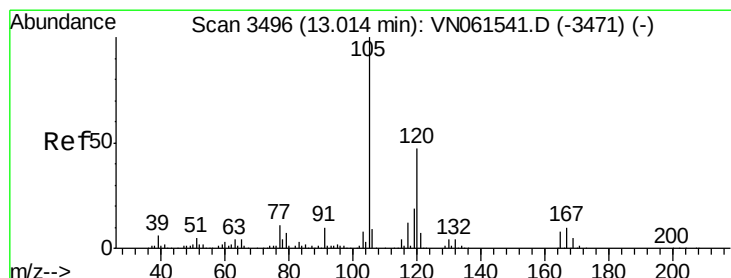
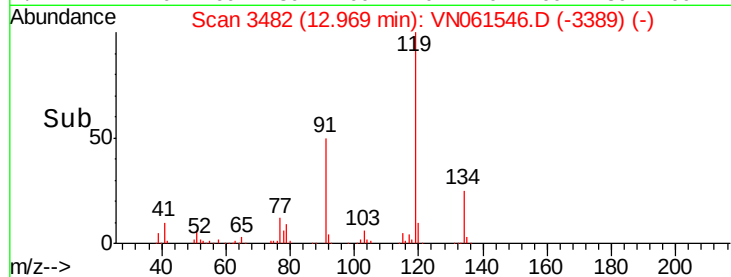
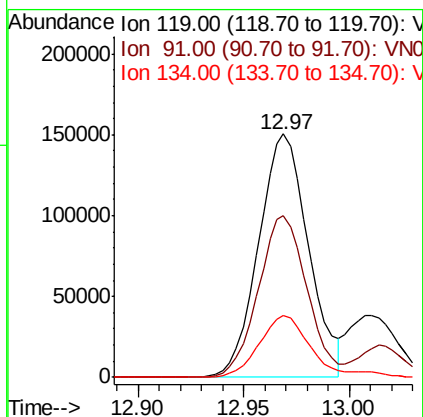
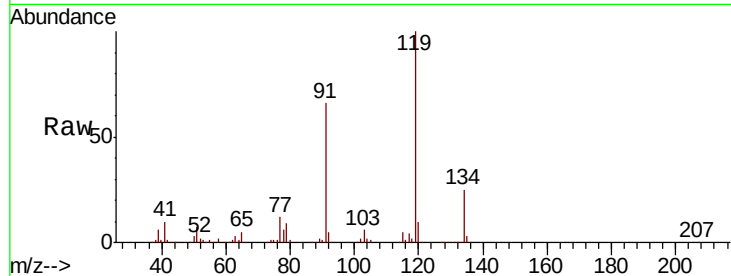




#83
 tert-Butylbenzene
 Concen: 17.928 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

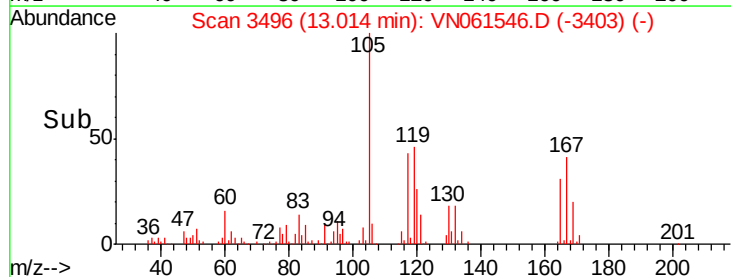
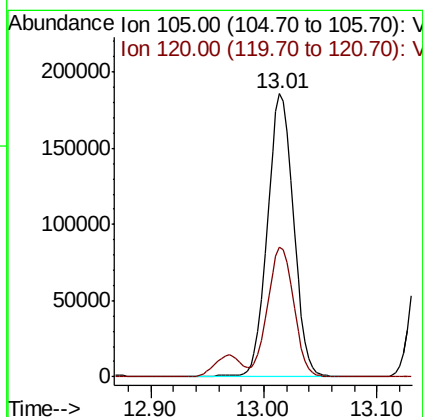
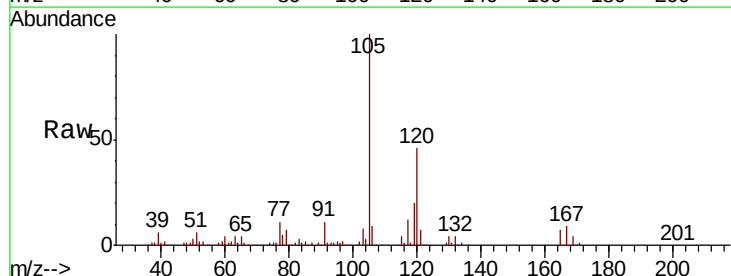
Instrument :
 MSVOA_N
 ClientSampled :
 VN0528WBS01

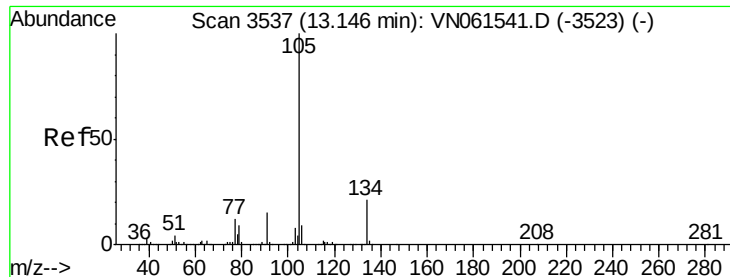
Tot Ion:119 Resp: 247461
 Ion Ratio Lower Upper
 119 100
 91 65.2 31.3 93.8
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.183 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion:105 Resp: 297705
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 18.225 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

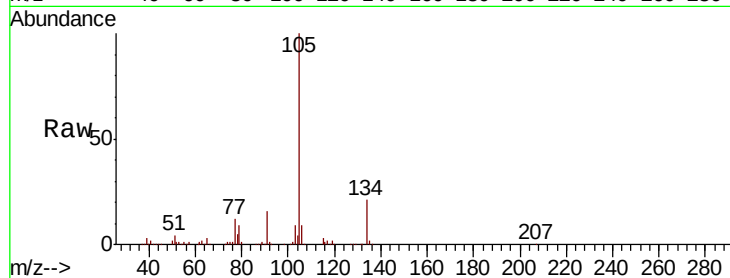
VN0528WBS01

Tot Ion:105 Resp: 324145

Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

200000

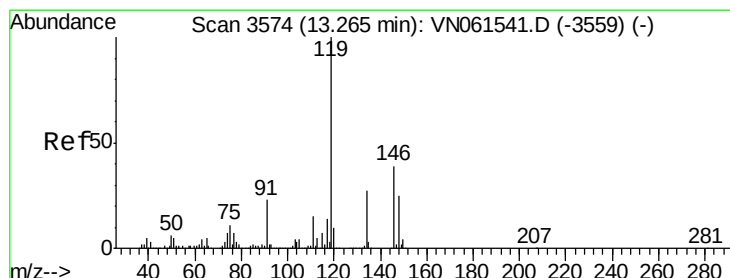
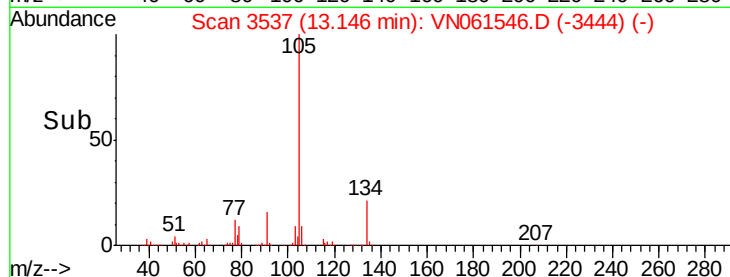
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.399 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

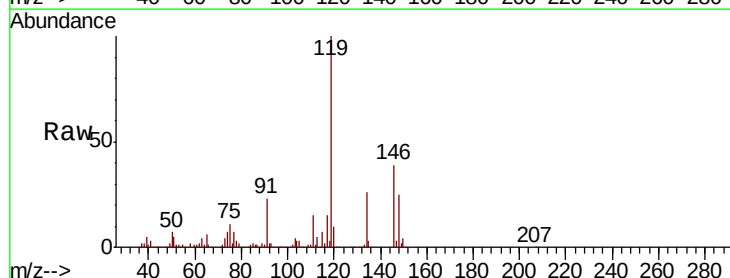
Tgt Ion:119 Resp: 301370

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 23.1 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

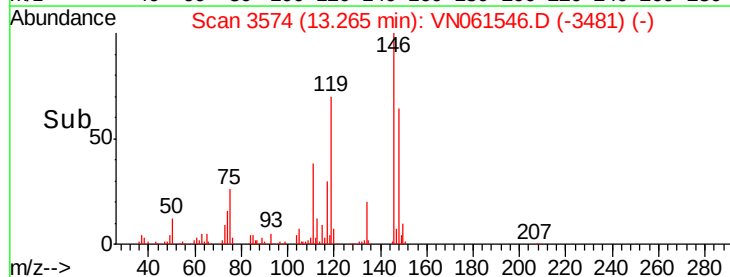
150000

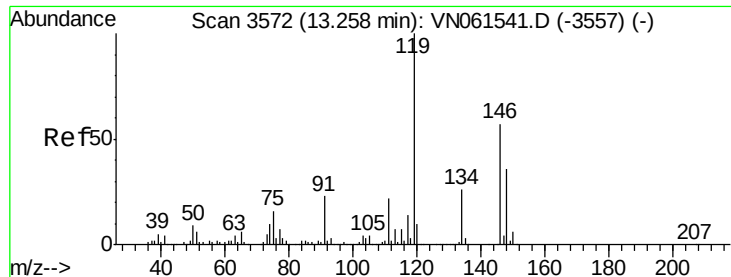
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.328 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

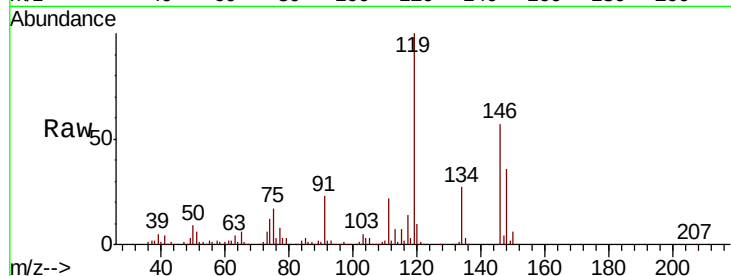
Tot Ion:146 Resp: 154845

Ion Ratio Lower Upper

146 100

111 39.4 19.2 57.6

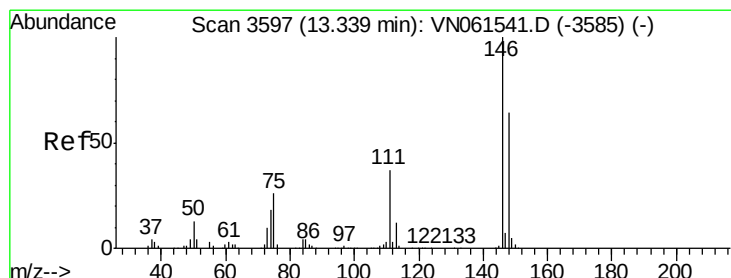
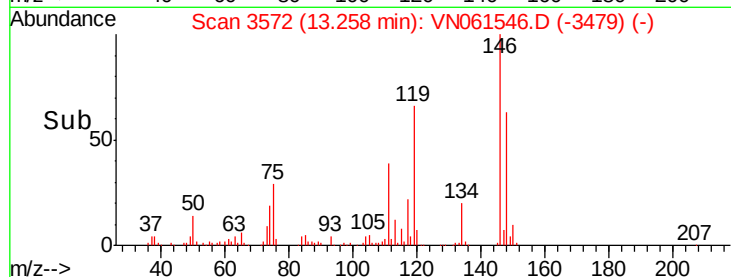
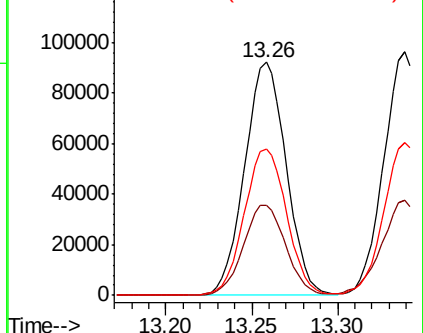
148 63.7 31.7 95.1



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: 18.070 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

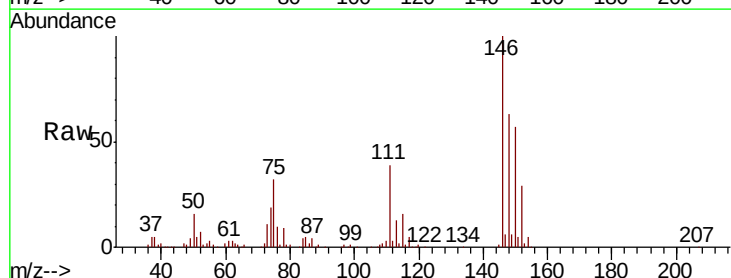
Tgt Ion:146 Resp: 155523

Ion Ratio Lower Upper

146 100

111 40.4 18.9 56.9

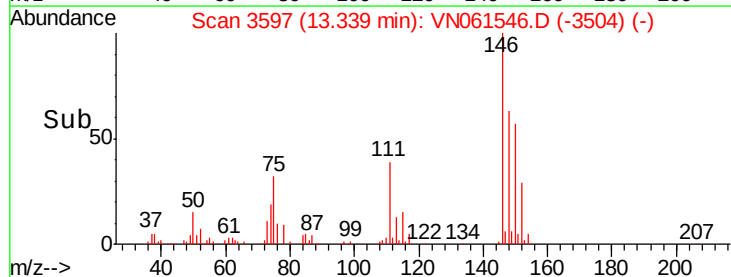
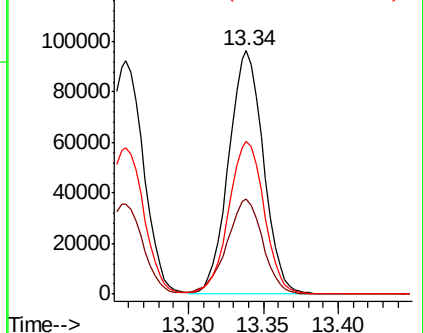
148 64.4 31.8 95.3

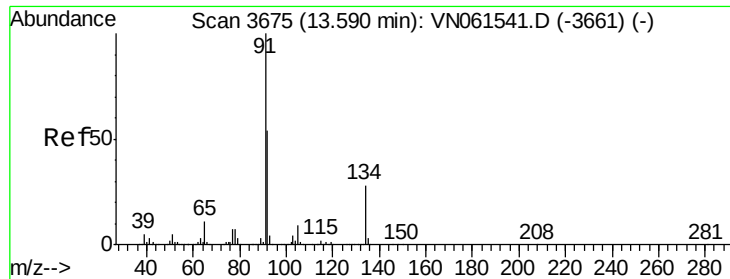


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.150 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

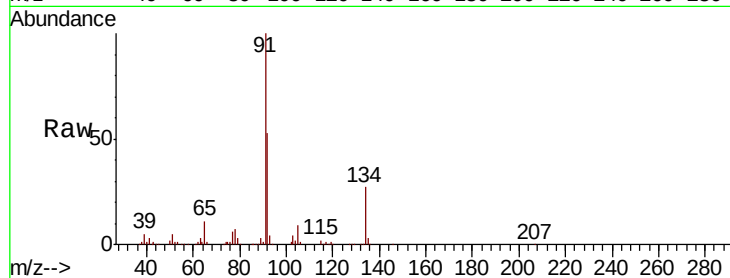
Tot Ion: 91 Resp: 249004

Ion Ratio Lower Upper

91 100

92 52.6 27.2 81.6

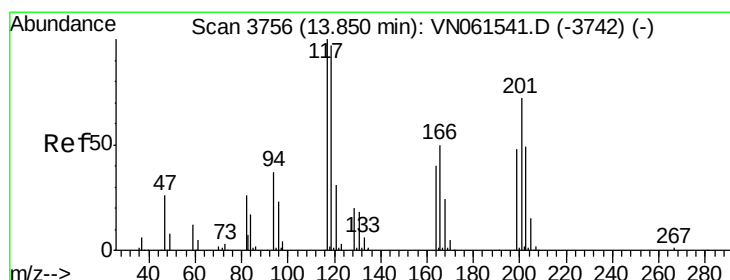
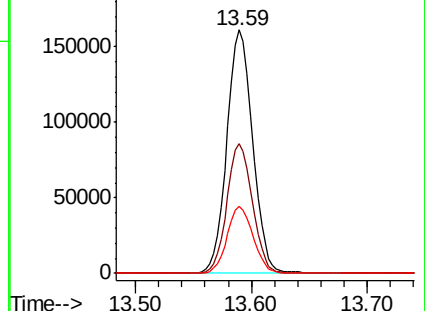
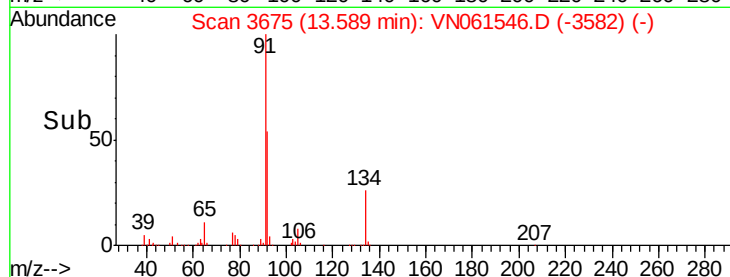
134 27.7 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)



#90

Hexachloroethane

Concen: 19.662 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061546.D

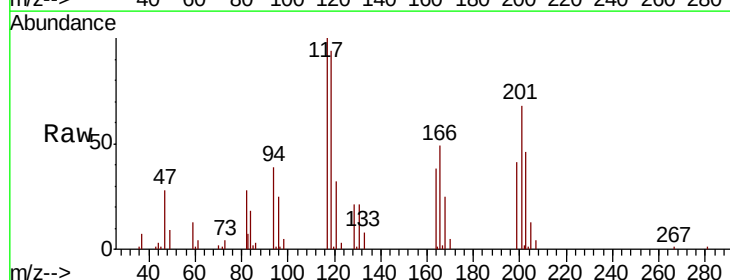
Acq: 28 May 2020 22:03

Tgt Ion: 117 Resp: 35616

Ion Ratio Lower Upper

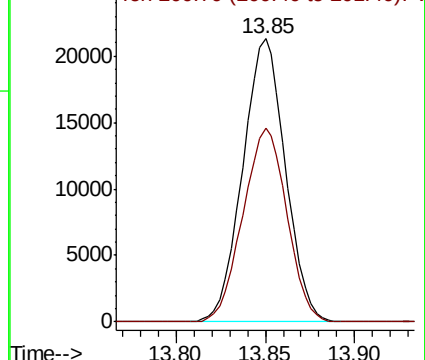
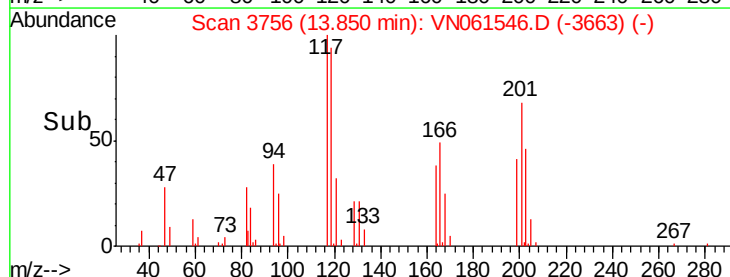
117 100

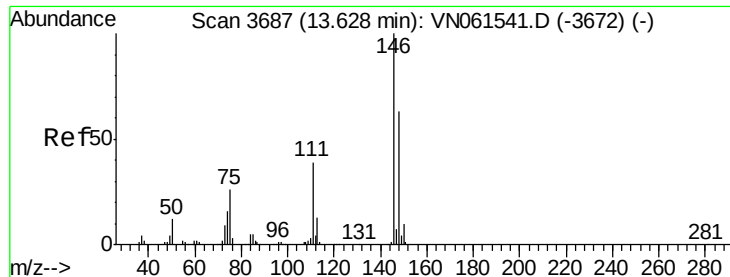
201 70.4 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

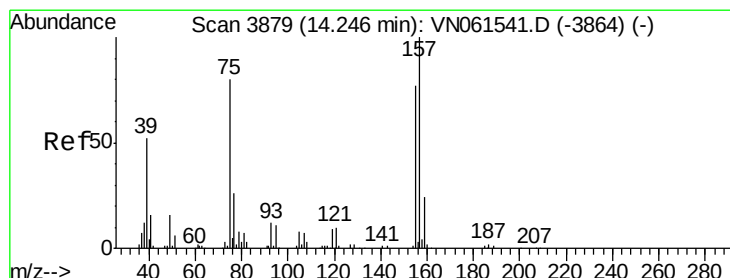
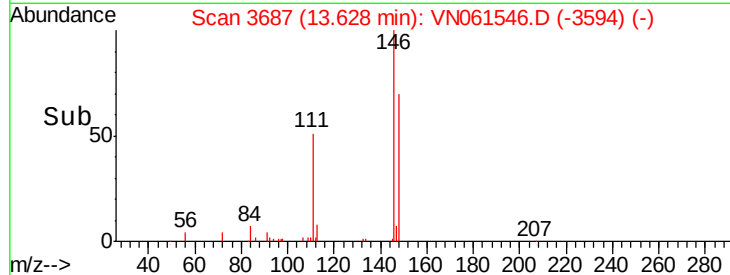
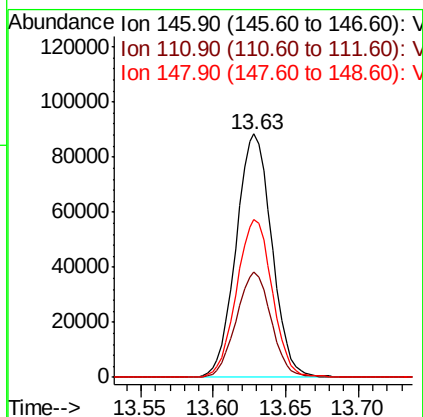
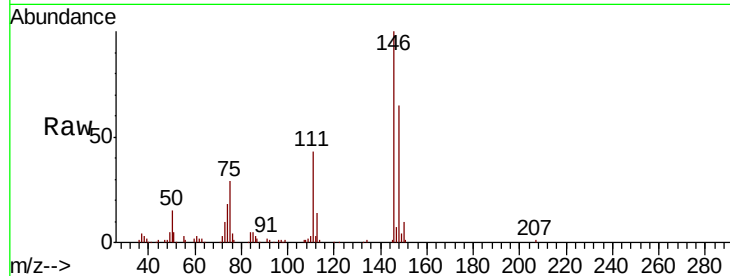




#91
 1,2-Dichlorobenzene
 Concen: 18.768 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

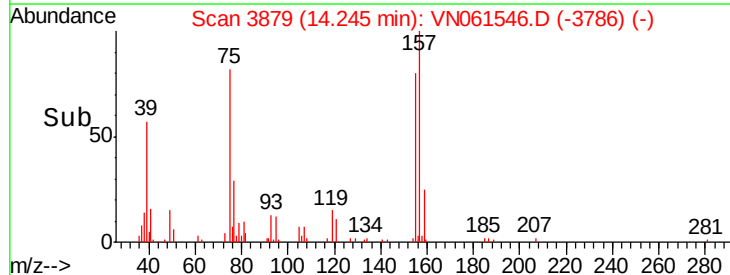
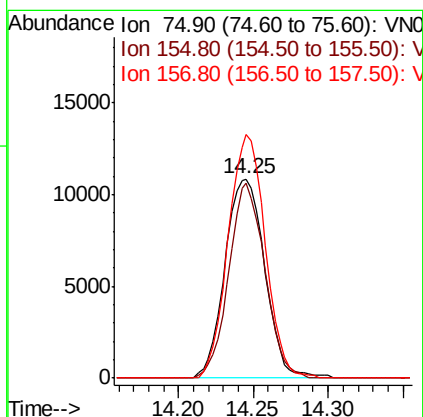
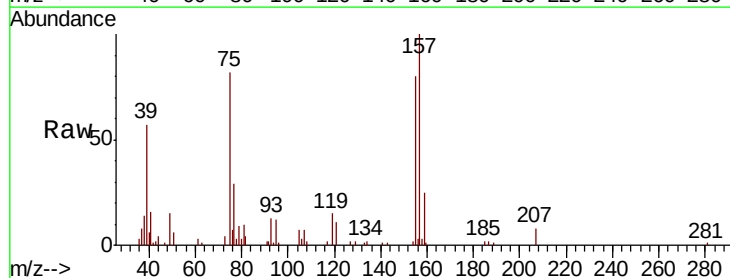
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

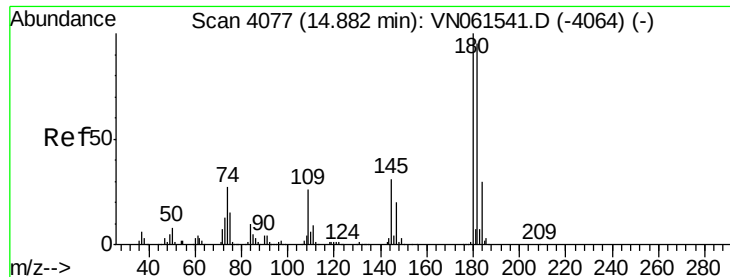
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.1	60.2
148	64.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.822 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	47.1	141.4
157	113.6	60.3	180.8

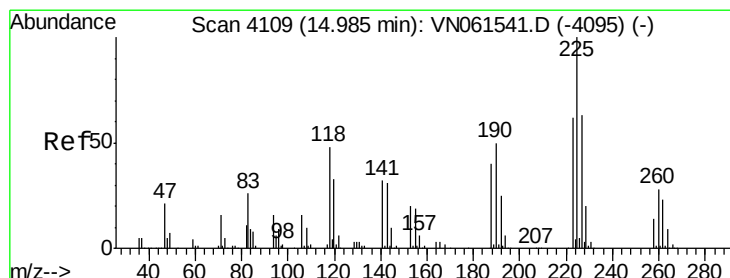
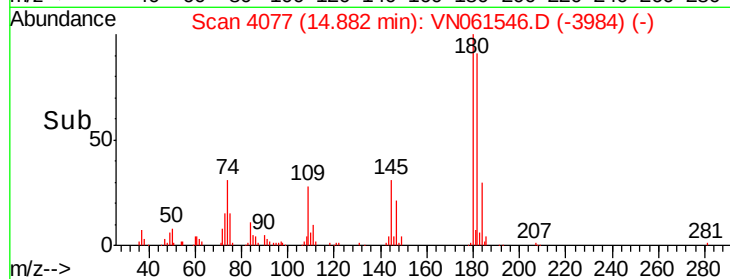
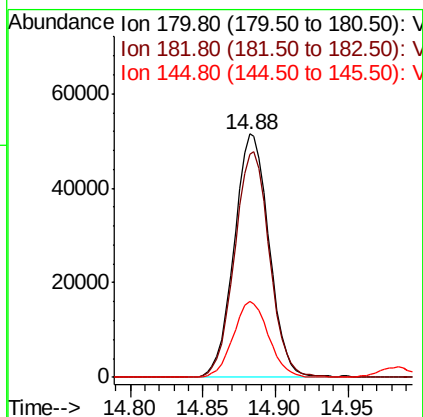
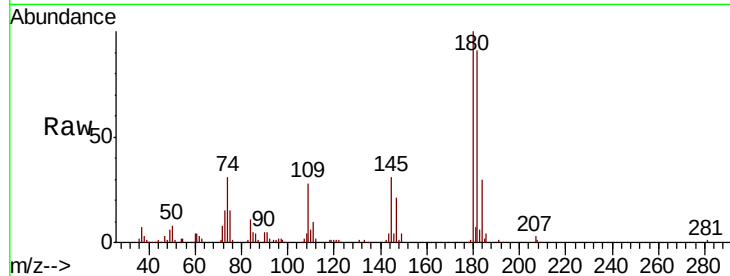




#93
 1,2,4-Trichlorobenzene
 Concen: 18.213 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

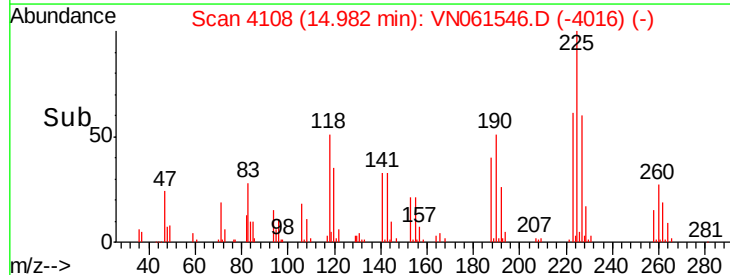
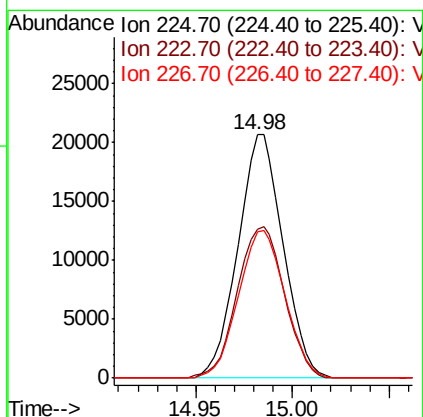
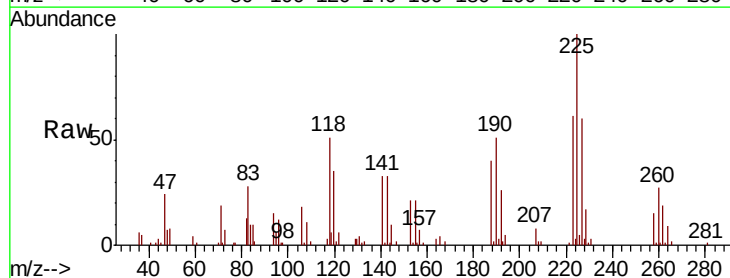
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBS01

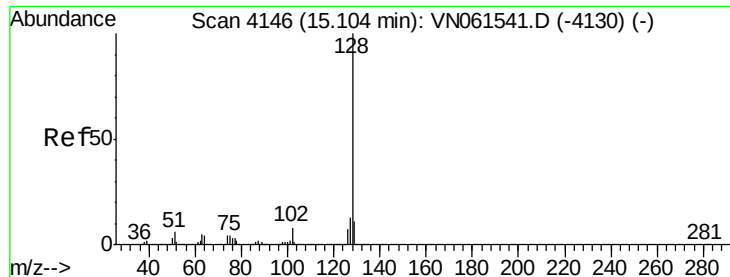
Tot Ion:180 Resp: 86001
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.8 143.3
 145 31.5 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 16.675 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061546.D
 Acq: 28 May 2020 22:03

Tgt Ion:225 Resp: 33580
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.9 95.5
 227 62.7 31.9 95.9





#95

Naphthalene

Concen: 19.196 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBS01

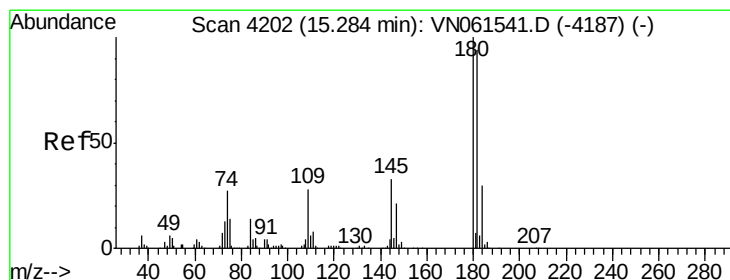
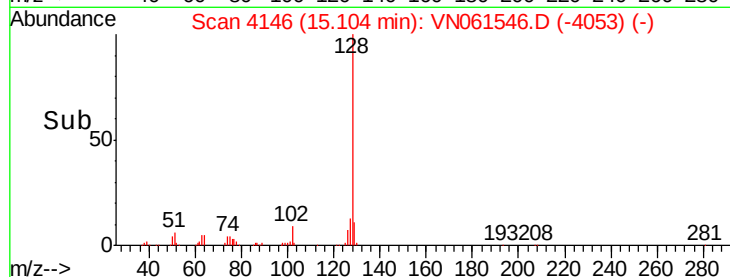
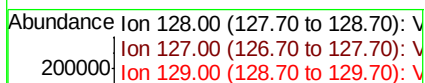
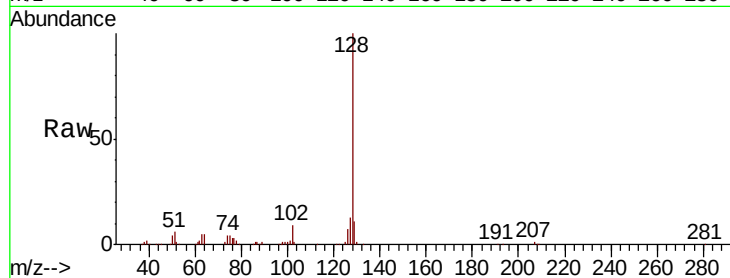
Tot Ion:128 Resp: 275894

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 18.275 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061546.D

Acq: 28 May 2020 22:03

Tgt Ion:180 Resp: 84843

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 35.3 16.3 48.9

