

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061631.D
 Acq On : 3 Jun 2020 12:19
 Operator : JC/MD
 Sample : VN0603MBS01
 Misc : 5.00µL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

Quant Time: Jun 04 07:44:43 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	7.62	168	316658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	524339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	487487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	235773	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	176757	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	7.54	113	137786	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.06	98	596830	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	12.37	95	211929	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	65954	18.773	ug/l	98
3) Chloromethane	2.03	50	72200	18.694	ug/l	98
4) Vinyl Chloride	2.16	62	94802	17.912	ug/l	99
5) Bromomethane	2.54	94	60452	19.905	ug/l	98
6) Chloroethane	2.67	64	61302	17.995	ug/l	100
7) Trichlorofluoromethane	2.98	101	124652	18.264	ug/l	99
8) Diethyl Ether	3.37	74	37620	18.026	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	58268	19.239	ug/l	98
10) Methyl Iodide	3.91	142	81104	19.291	ug/l	97
11) Tert butyl alcohol	4.73	59	51677	102.978	ug/l	99
12) 1,1-Dichloroethene	3.69	96	56665	17.512	ug/l	96
13) Acrolein	3.57	56	16153	91.712	ug/l	91
14) Allyl chloride	4.27	41	71111	16.810	ug/l	97
15) Acrylonitrile	4.93	53	127760	91.212	ug/l	98
16) Acetone	3.77	43	96270	88.584	ug/l	99
17) Carbon Disulfide	4.01	76	135612	19.050	ug/l	98
18) Methyl Acetate	4.27	43	59225	17.341	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	199464	18.088	ug/l	99
20) Methylene Chloride	4.50	84	65370	17.948	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	64852	17.772	ug/l	94
22) Diisopropyl ether	5.90	45	166723	17.882	ug/l	97
23) Vinyl Acetate	5.84	43	633621	85.267	ug/l	98
24) 1,1-Dichloroethane	5.80	63	105956	17.922	ug/l	98
25) 2-Butanone	6.78	43	150057	83.923	ug/l	98
26) 2,2-Dichloropropane	6.77	77	97854	18.084	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	76946	18.622	ug/l	98
28) Bromochloromethane	7.15	49	44271	19.084	ug/l	96
29) Tetrahydrofuran	7.16	42	100297	85.065	ug/l	97
30) Chloroform	7.33	83	121196	18.529	ug/l	100
31) Cyclohexane	7.61	56	91705	17.247	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	106548	17.877	ug/l	99
36) 1,1-Dichloropropene	7.75	75	86830	18.706	ug/l	99
37) Ethyl Acetate	6.88	43	67000	17.921	ug/l	96
38) Carbon Tetrachloride	7.73	117	82480	18.422	ug/l	99

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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)
39) Methylcyclohexane	9.05	83	100472	17.561	ug/l	94
40) Benzene	8.00	78	267449	18.674	ug/l	100
41) Methacrylonitrile	7.12	41	23088	13.479	ug/l	89
42) 1,2-Dichloroethane	8.08	62	89050	18.572	ug/l	100
43) Isopropyl Acetate	8.12	43	114602	17.038	ug/l	93
44) Trichloroethene	8.80	130	82182	18.671	ug/l	99
45) 1,2-Dichloropropane	9.08	63	62936	18.506	ug/l	100
46) Dibromomethane	9.17	93	48657	18.655	ug/l	98
47) Bromodichloromethane	9.37	83	95642	18.508	ug/l	100
48) Methyl methacrylate	9.17	41	49233	16.269	ug/l	98
49) 1,4-Dioxane	9.17	88	22945	489.426	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	329398	86.903	ug/l	99
52) Toluene	10.12	92	177694	19.009	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	99696	17.909	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	109470	18.289	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	69724	18.722	ug/l	99
56) Ethyl methacrylate	10.40	69	93050	17.886	ug/l	99
57) 1,3-Dichloropropane	10.68	76	112760	18.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	182013	81.870	ug/l	98
59) 2-Hexanone	10.72	43	231063	84.882	ug/l	100
60) Dibromochloromethane	10.87	129	78717	18.592	ug/l	99
61) 1,2-Dibromoethane	10.98	107	73309	18.874	ug/l	100
64) Tetrachloroethene	10.60	164	87824	19.139	ug/l	99
65) Chlorobenzene	11.40	112	193049	19.051	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	72109	19.112	ug/l	98
67) Ethyl Benzene	11.48	91	330601	18.876	ug/l	99
68) m/p-Xylenes	11.59	106	258874	37.278	ug/l	99
69) o-Xylene	11.92	106	123247	18.686	ug/l	99
70) Styrene	11.94	104	201809	18.476	ug/l	99
71) Bromoform	12.10	173	51804	17.818	ug/l #	97
73) Isopropylbenzene	12.22	105	329158	19.128	ug/l	100
74) N-amyl acetate	12.04	43	91234	16.835	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	89641	18.589	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	114144	26.624	ug/l #	100
77) Bromobenzene	12.50	156	85027	19.357	ug/l	99
78) n-propylbenzene	12.56	91	360146	18.747	ug/l	100
79) 2-Chlorotoluene	12.65	91	217924	19.024	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	272924	18.975	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	27817	16.592	ug/l	95
82) 4-Chlorotoluene	12.75	91	222429	18.457	ug/l	100
83) tert-Butylbenzene	12.97	119	235236	18.511	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	271699	19.015	ug/l	98
85) sec-Butylbenzene	13.15	105	299023	18.261	ug/l	98
86) p-Isopropyltoluene	13.26	119	275560	18.273	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	148614	19.106	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	150871	19.040	ug/l	98
89) n-Butylbenzene	13.59	91	224569	17.779	ug/l	99
90) Hexachloroethane	13.85	117	34195	20.504	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	145101	19.520	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	15981	16.249	ug/l	98

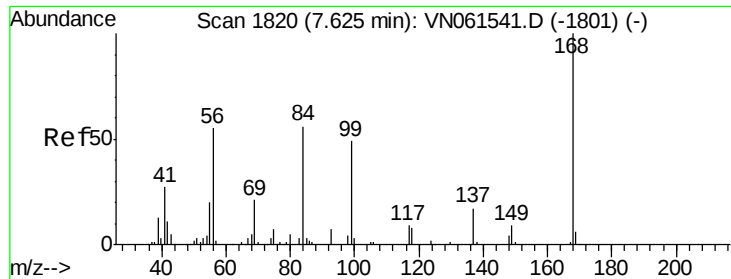
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060320\
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Quant Time: Jun 04 07:44:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	80167	18.440	ug/l	99
94) Hexachlorobutadiene	14.99	225	33241	17.928	ug/l	99
95) Naphthalene	15.10	128	242833	18.352	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	79141	18.515	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

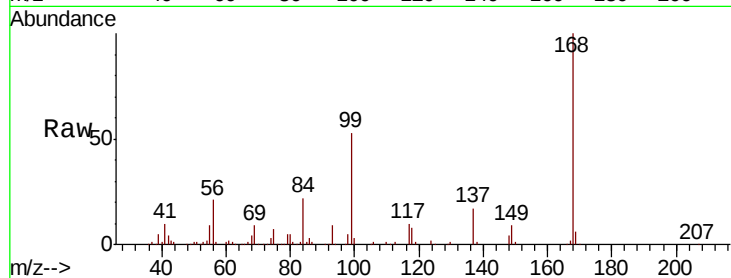
VN0603MBS01

Tot Ion:168 Resp: 316658

Ion Ratio Lower Upper

168 100

99 53.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061541.D (-1801) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1801) (-)

7.62

150000

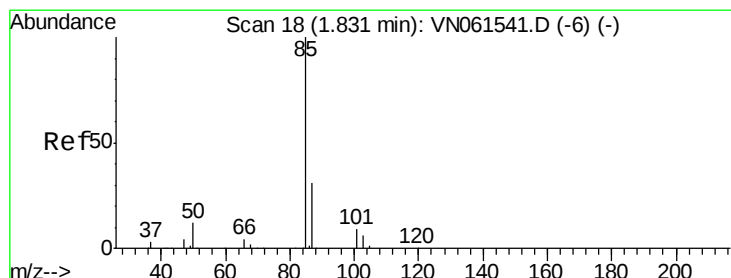
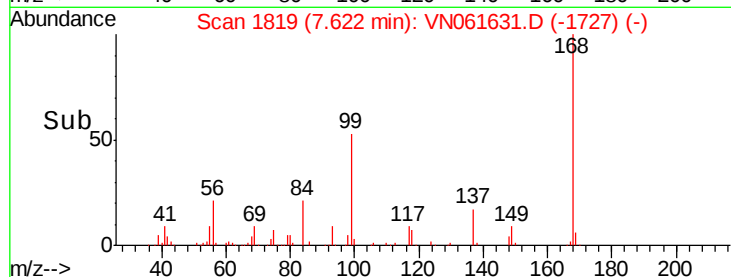
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.773 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061631.D

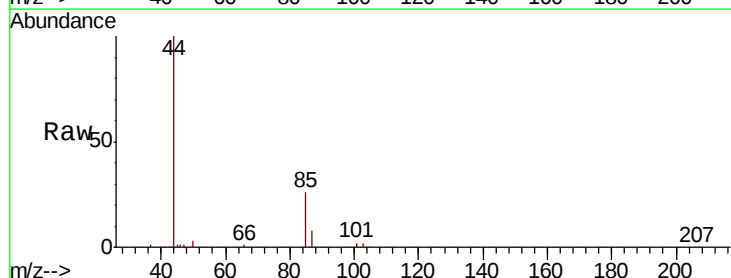
Acq: 3 Jun 2020 12:19

Tgt Ion: 85 Resp: 65954

Ion Ratio Lower Upper

85 100

87 30.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN061541.D (-6) (-)

Ion 86.90 (86.60 to 87.60): VN061541.D (-6) (-)

1.83

50000

40000

30000

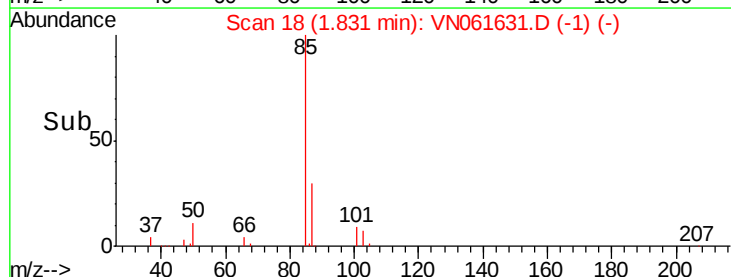
20000

10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.694 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

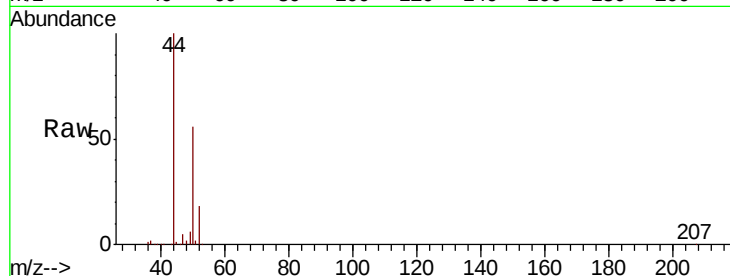
VN0603MBS01

Tot Ion: 50 Resp: 72200

Ion Ratio Lower Upper

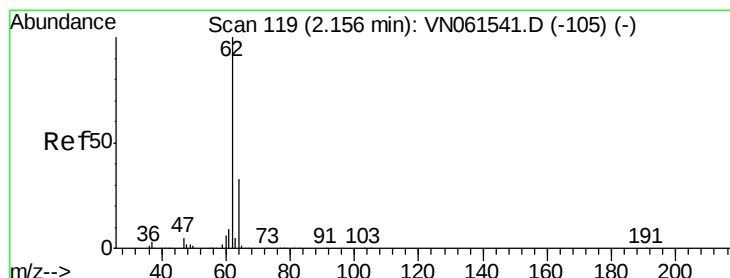
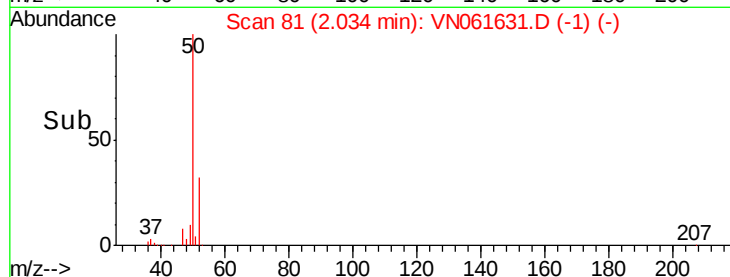
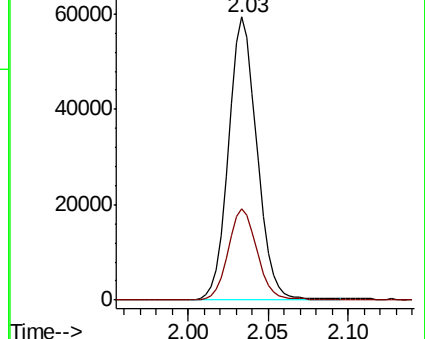
50 100

52 32.2 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN061631.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN061631.D (-1) (-)



#4

Vinyl Chloride

Concen: 17.912 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061631.D

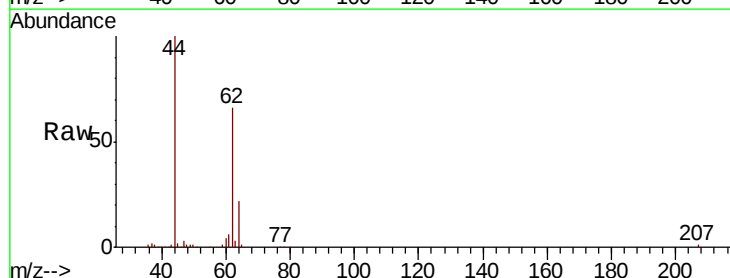
Acq: 3 Jun 2020 12:19

Tgt Ion: 62 Resp: 94802

Ion Ratio Lower Upper

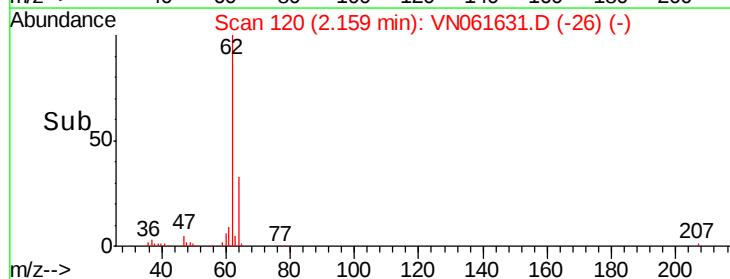
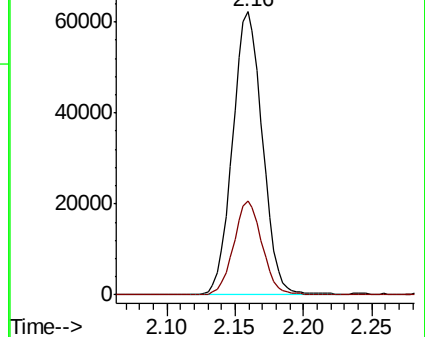
62 100

64 33.4 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN061631.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN061631.D (-26) (-)





#5

Bromomethane

Concen: 19.905 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

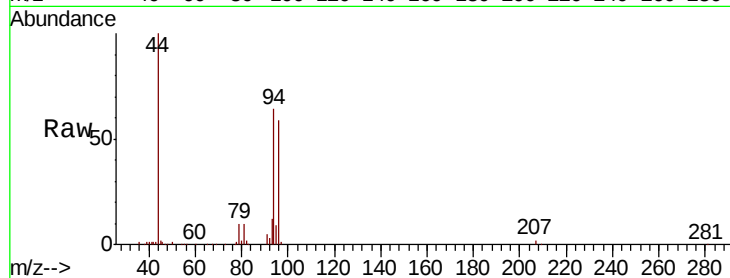
VN0603MBS01

Tot Ion: 94 Resp: 60452

Ion Ratio Lower Upper

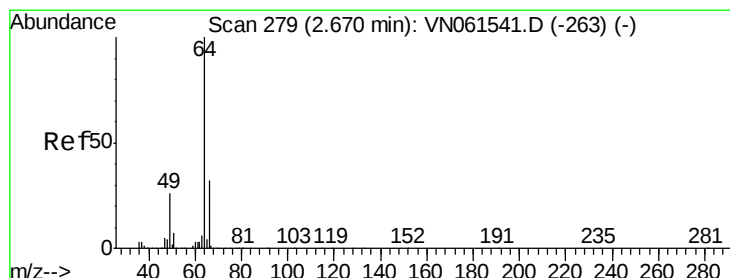
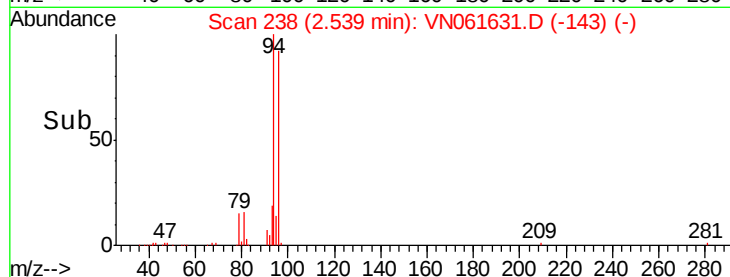
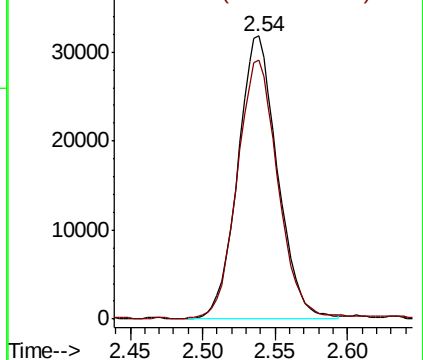
94 100

96 91.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.995 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061631.D

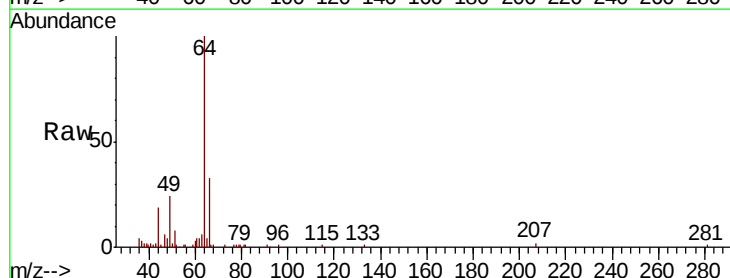
Acq: 3 Jun 2020 12:19

Tgt Ion: 64 Resp: 61302

Ion Ratio Lower Upper

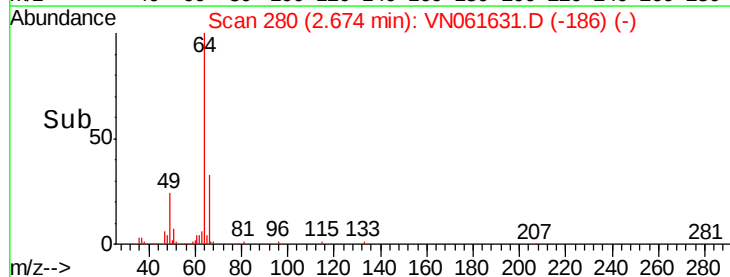
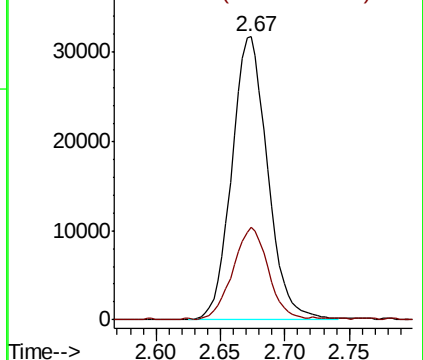
64 100

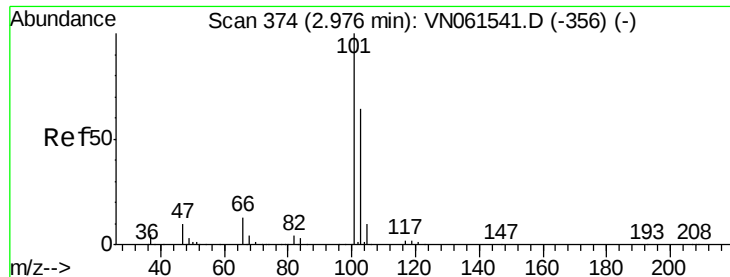
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



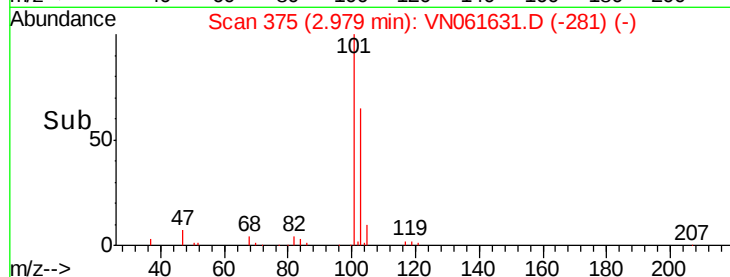
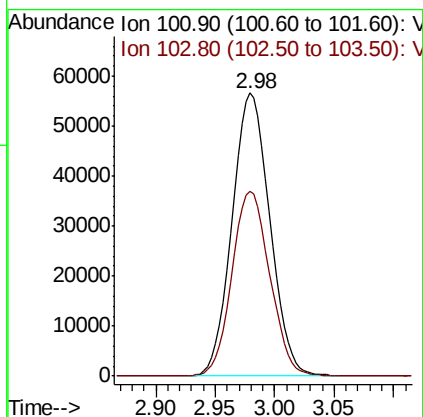
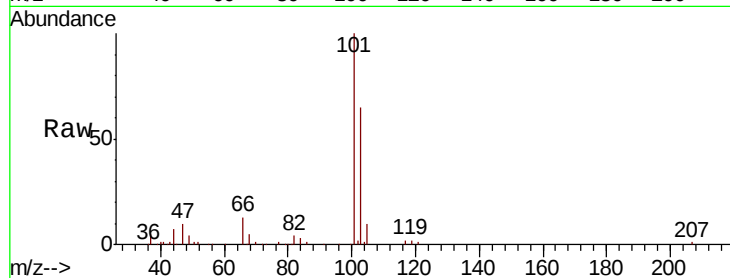


#7

Trichlorofluoromethane
Concen: 18.264 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

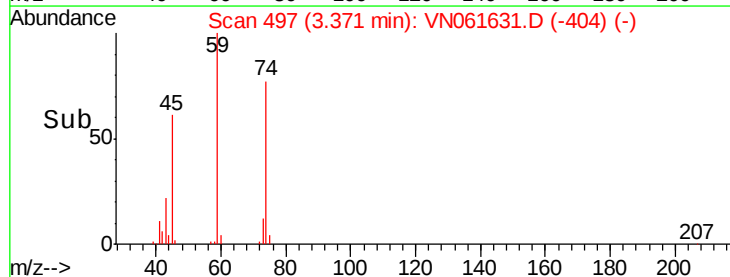
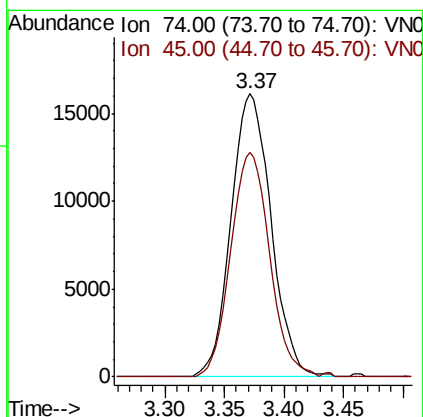
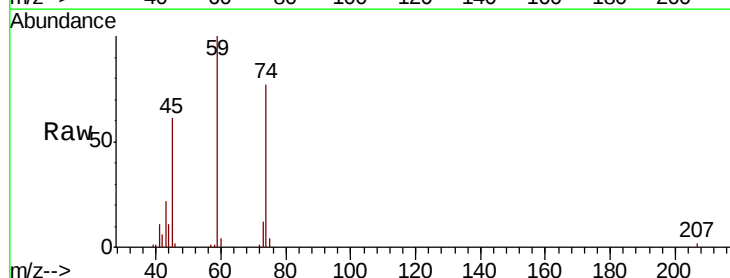
Tot Ion:101 Resp: 124652
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2



#8

Diethyl Ether
Concen: 18.026 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion: 74 Resp: 37620
Ion Ratio Lower Upper
74 100
45 76.9 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.239 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0603MBS01

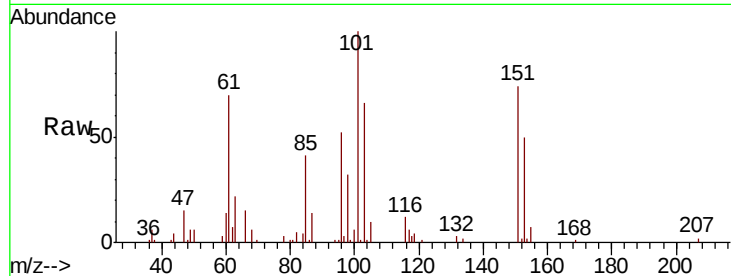
Tot Ion:101 Resp: 58268

Ion Ratio Lower Upper

101 100

85 42.5 35.2 52.8

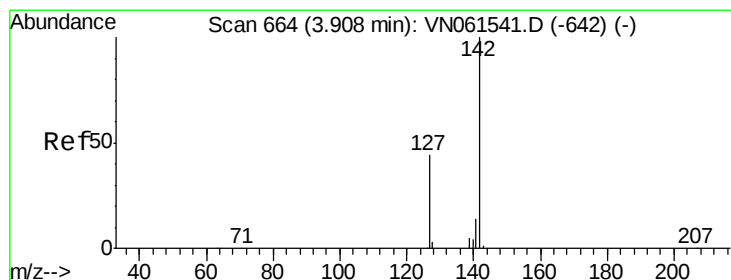
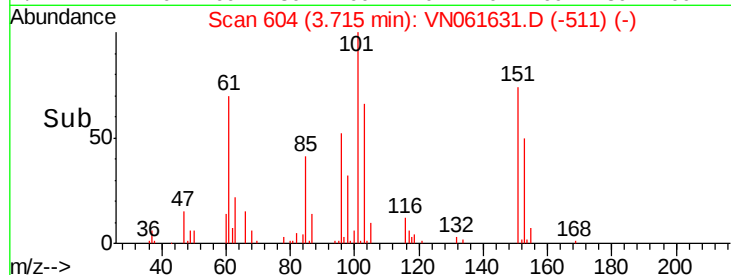
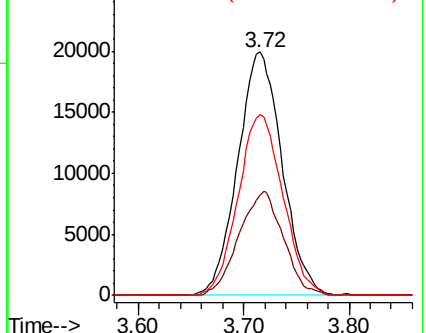
151 74.9 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.291 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

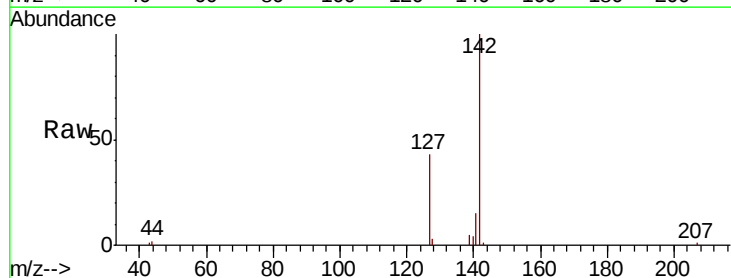
Tgt Ion:142 Resp: 81104

Ion Ratio Lower Upper

142 100

127 41.8 35.5 53.3

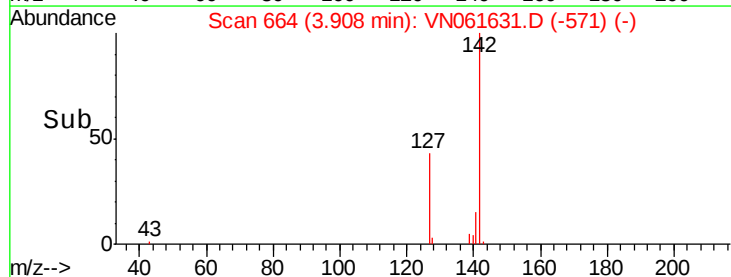
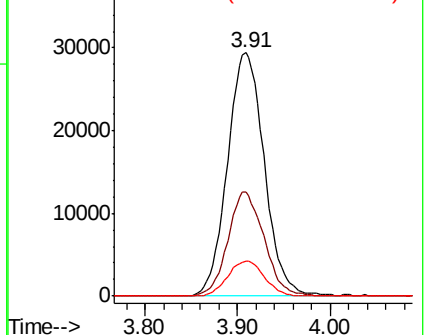
141 14.2 11.5 17.3

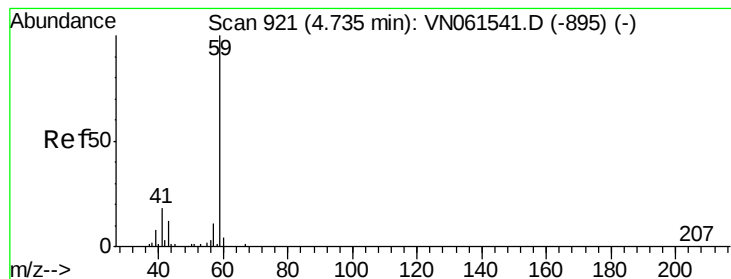


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



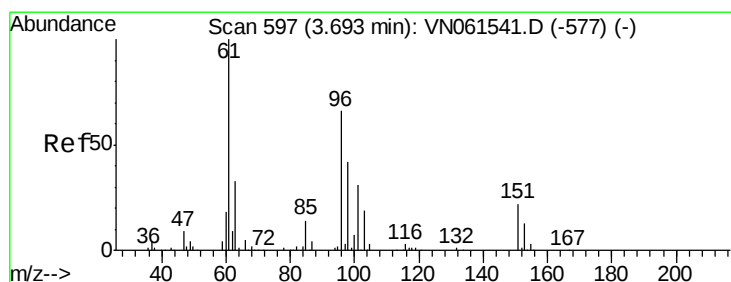
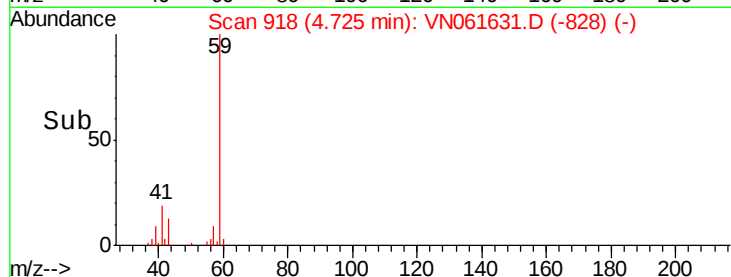
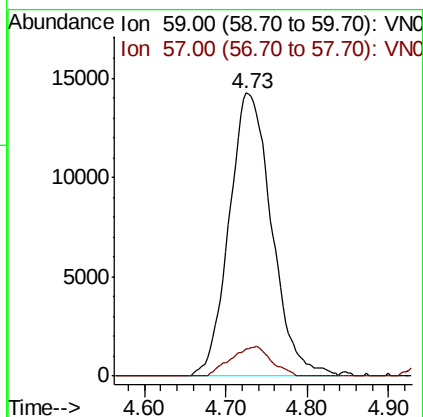
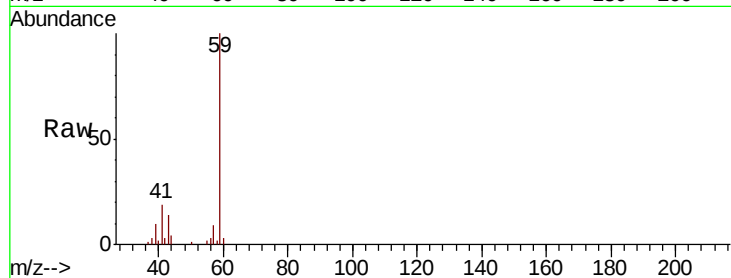


#11

Tert butyl alcohol
 Concen: 102.978 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Instrument :
 MSVOA_N
 ClientSampled :
 VN0603MBS01

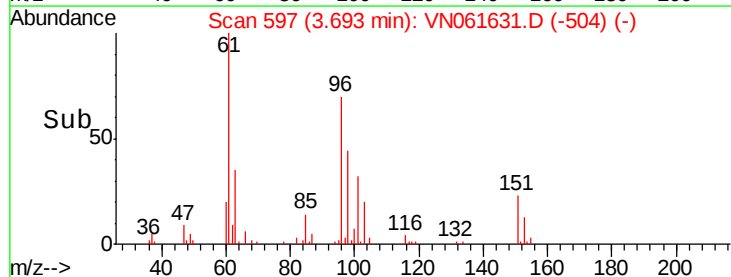
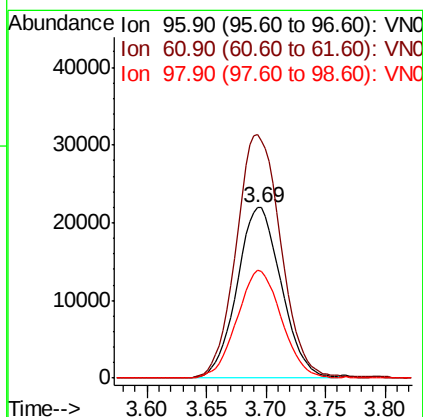
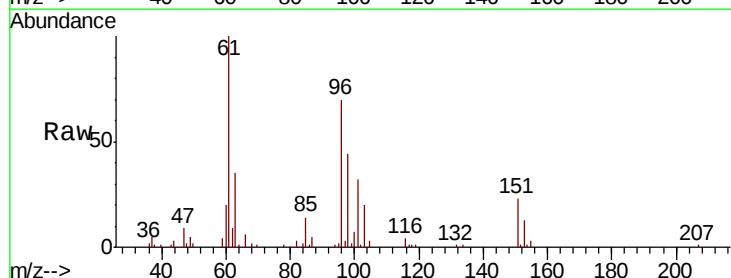
Tot Ion: 59 Resp: 51677
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.4 12.6

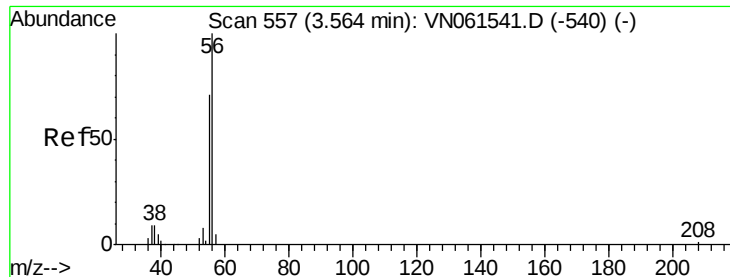


#12

1,1-Dichloroethene
 Concen: 17.512 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion: 96 Resp: 56665
 Ion Ratio Lower Upper
 96 100
 61 143.0 120.5 180.7
 98 63.2 50.8 76.2





#13

Acrolein

Concen: 91.712 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

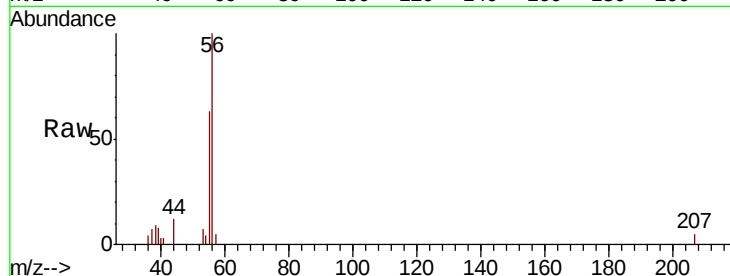
VN0603MBS01

Tot Ion: 56 Resp: 16153

Ion Ratio Lower Upper

56 100

55 64.8 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)

3.57

6000

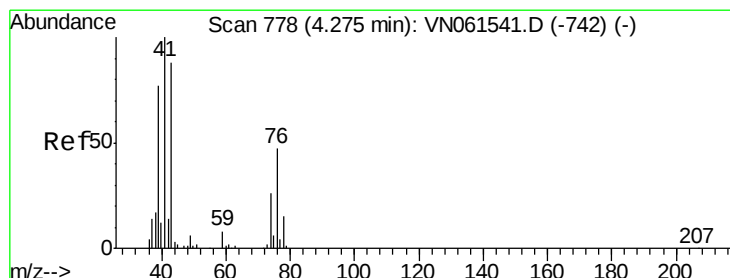
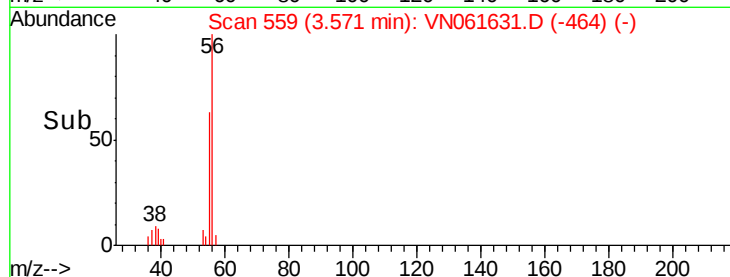
4000

2000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 16.810 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

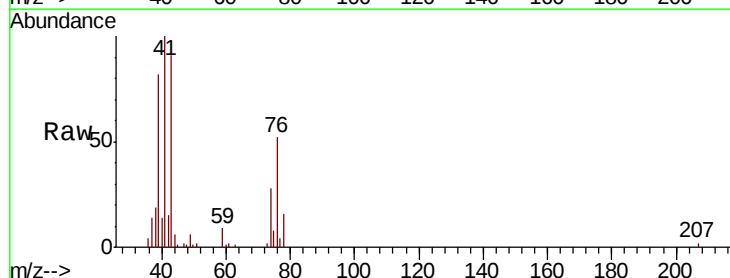
Tgt Ion: 41 Resp: 71111

Ion Ratio Lower Upper

41 100

39 70.9 58.6 88.0

76 45.2 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)

4.27

30000

25000

20000

15000

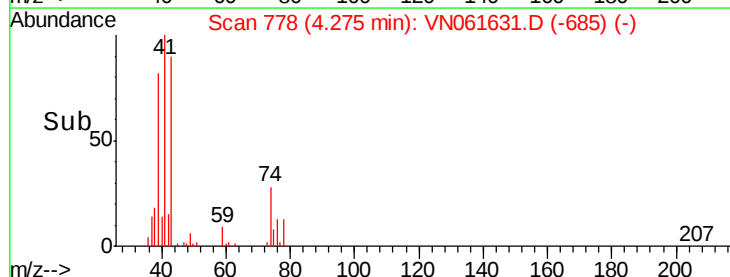
10000

5000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 91.212 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0603MBS01

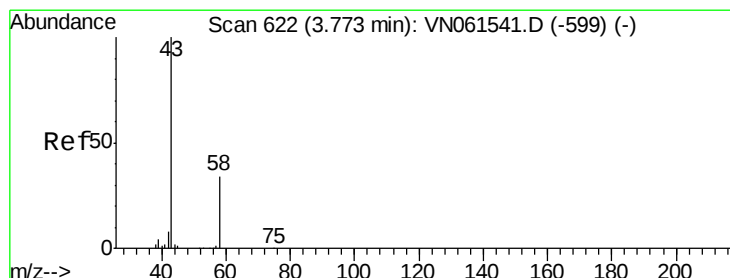
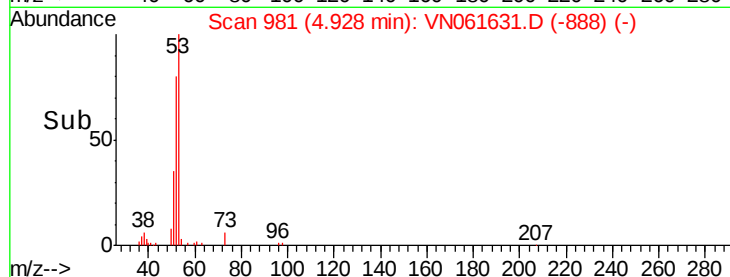
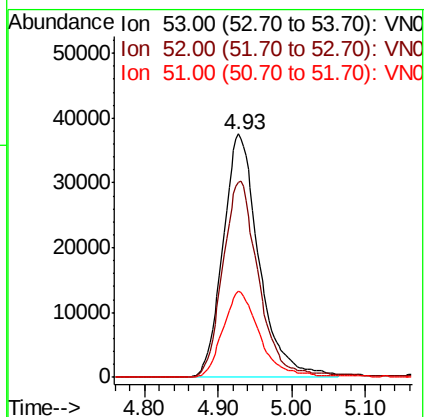
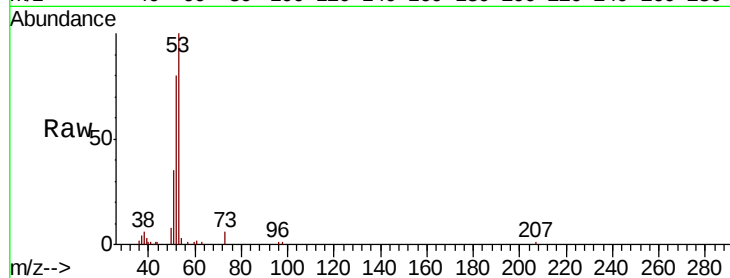
Tot Ion: 53 Resp: 127760

Ion Ratio Lower Upper

53 100

52 79.5 65.4 98.2

51 36.1 29.0 43.6



#16

Acetone

Concen: 88.584 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061631.D

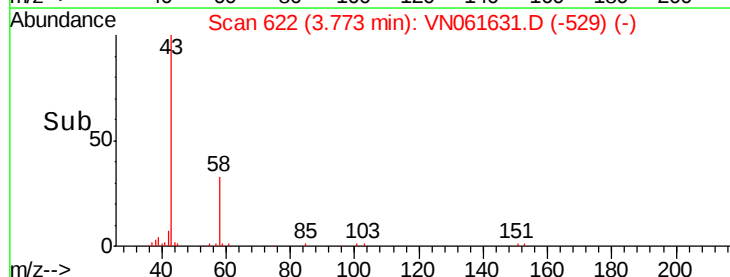
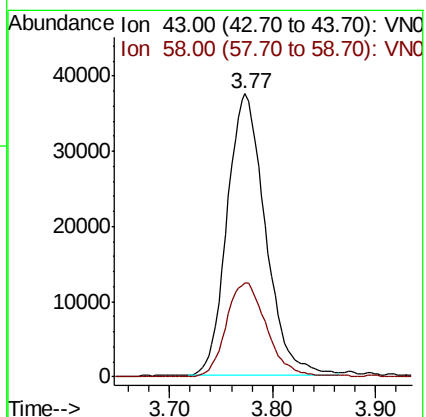
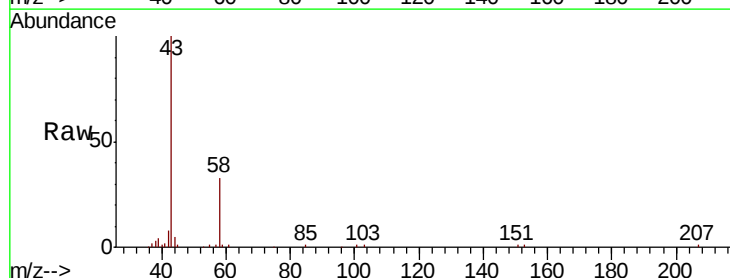
Acq: 3 Jun 2020 12:19

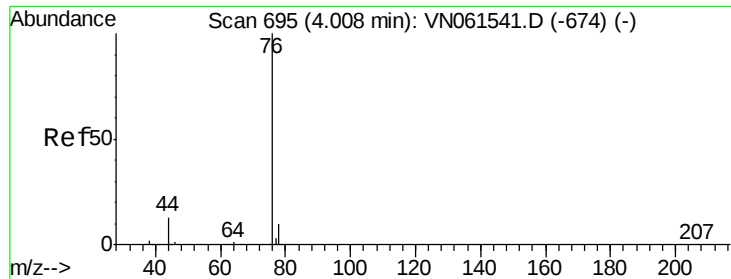
Tgt Ion: 43 Resp: 96270

Ion Ratio Lower Upper

43 100

58 33.3 27.2 40.8

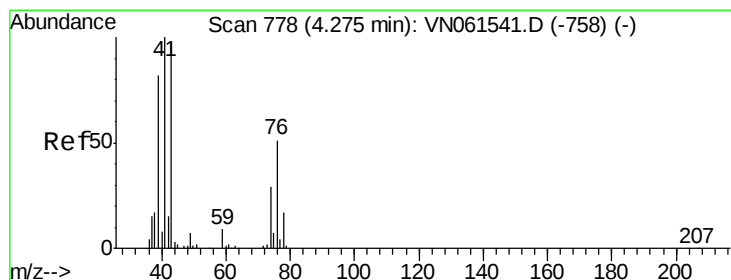
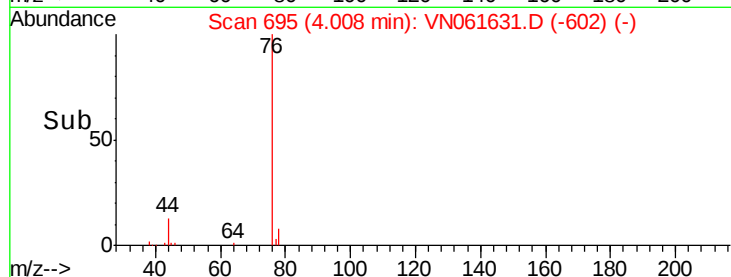
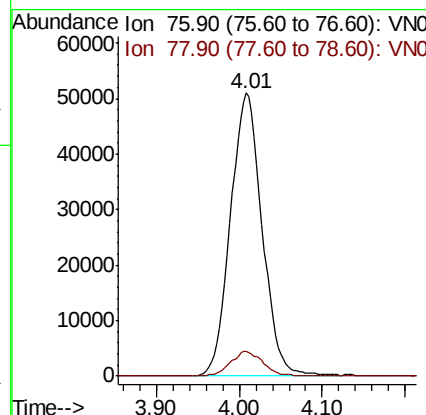
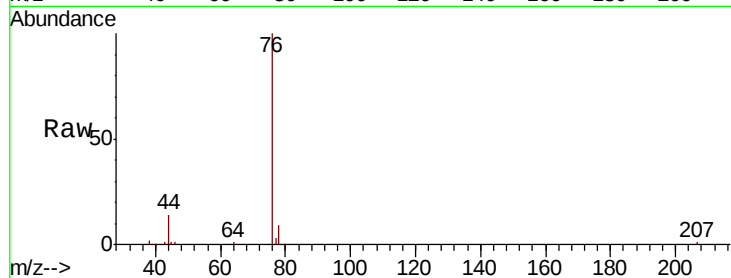




#17
Carbon Disulfide
Concen: 19.050 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

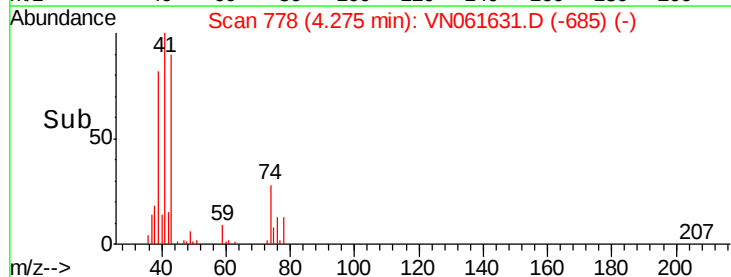
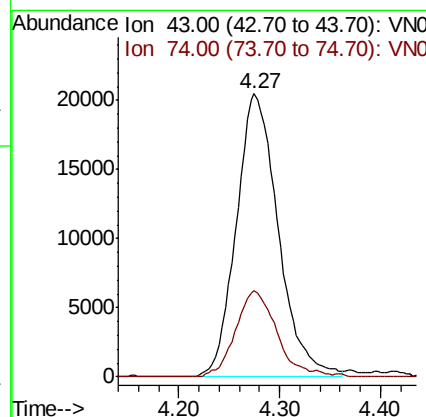
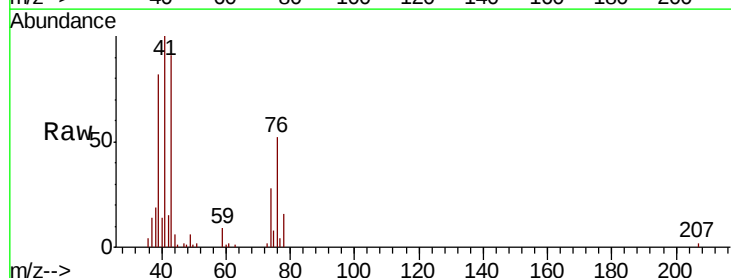
Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

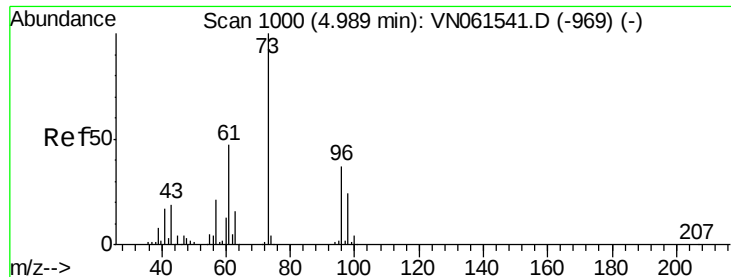
Tot Ion: 76 Resp: 135612
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.6



#18
Methyl Acetate
Concen: 17.341 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion: 43 Resp: 59225
Ion Ratio Lower Upper
43 100
74 29.9 23.2 34.8

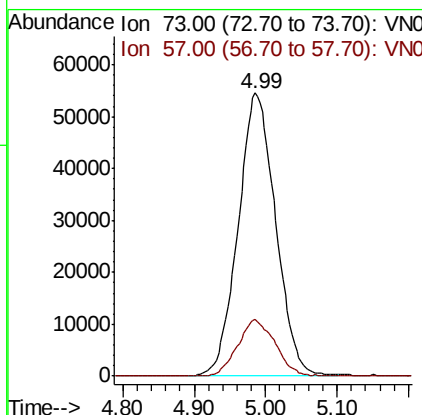
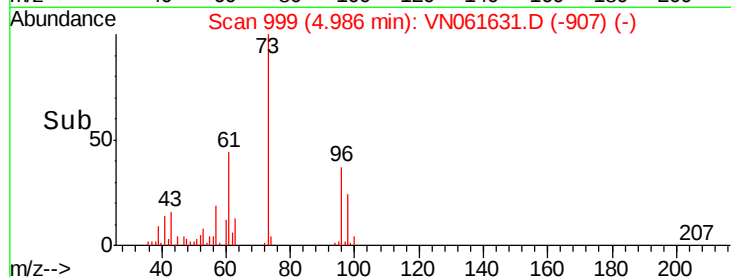
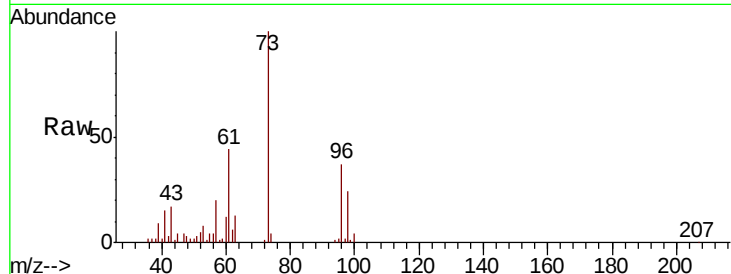




#19
Methvl tert-butvl Ether
Concen: 18.088 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

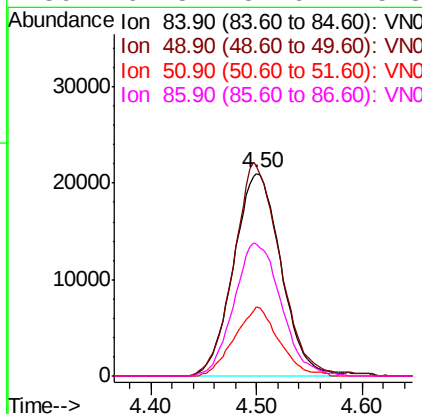
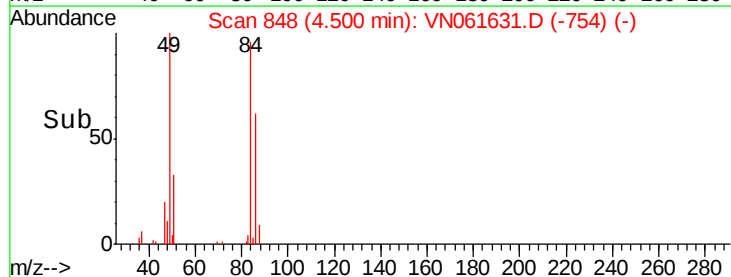
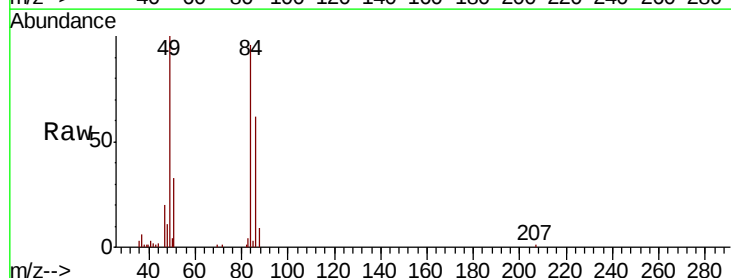
Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

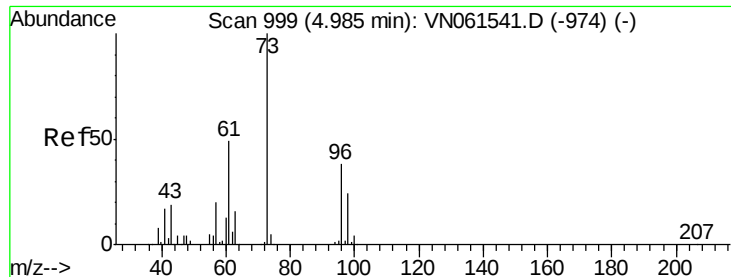
Tot Ion: 73 Resp: 199464
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6



#20
Methylene Chloride
Concen: 17.948 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion: 84 Resp: 65370
Ion Ratio Lower Upper
84 100
49 103.8 85.8 128.8
51 33.9 26.2 39.2
86 64.8 52.6 78.8

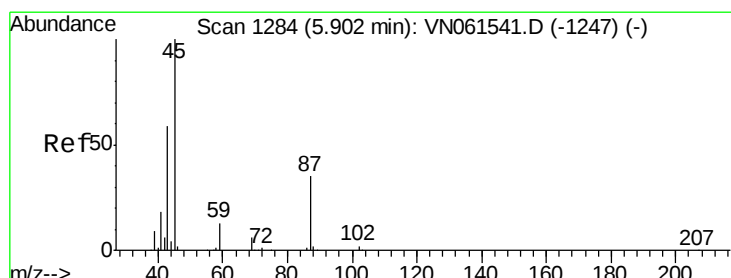
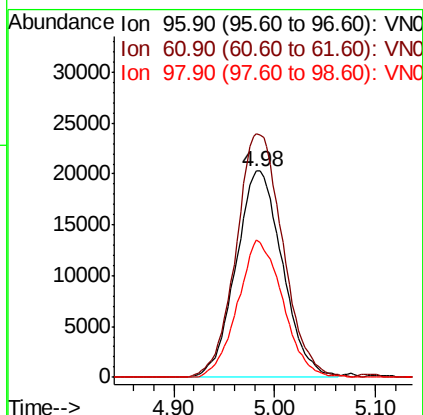
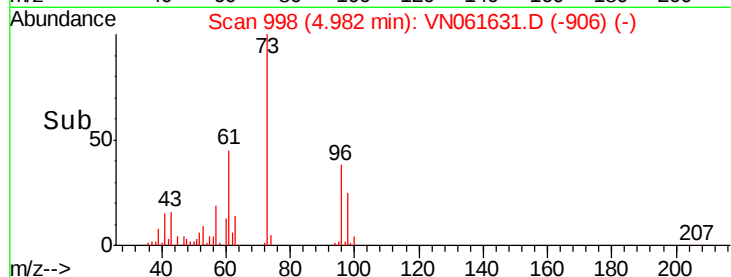
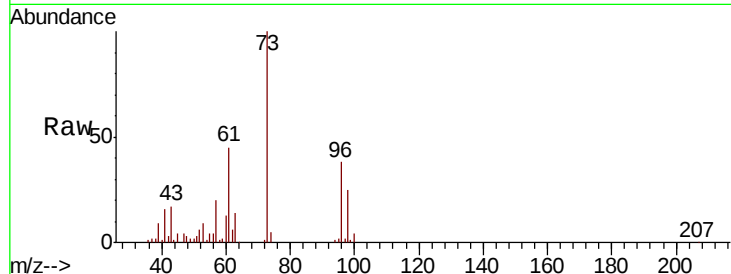




#21
trans-1,2-Dichloroethene
Concen: 17.772 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

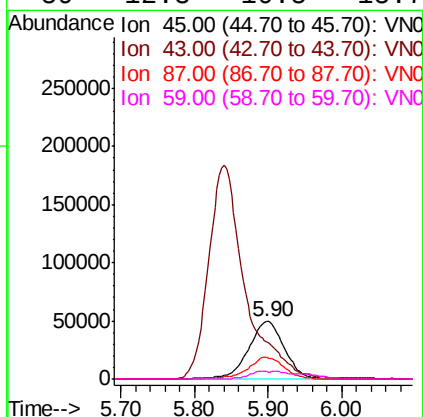
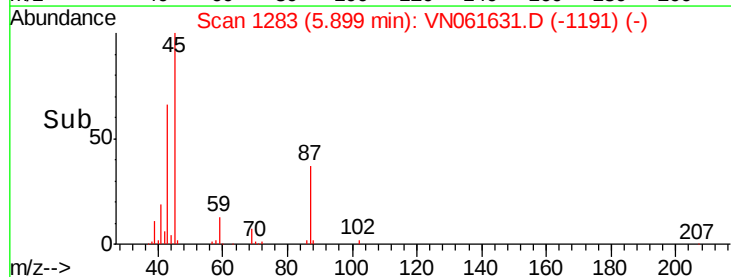
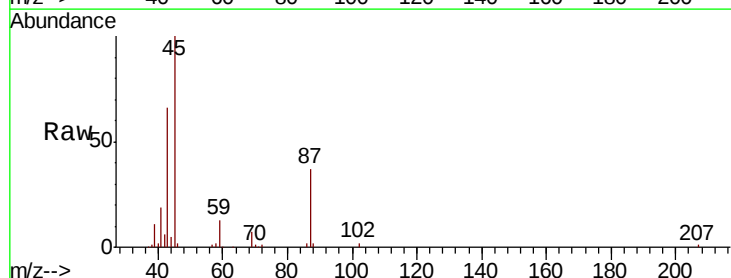
Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

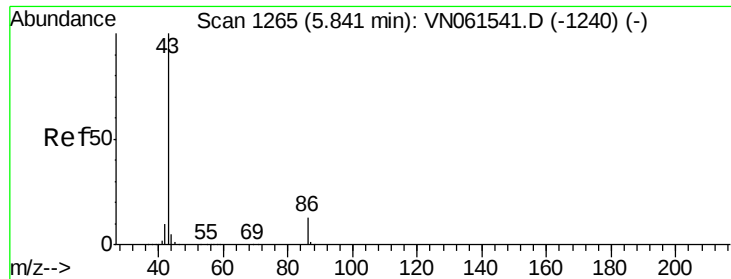
Tot Ion: 96 Resp: 64852
Ion Ratio Lower Upper
96 100
61 118.1 101.4 152.0
98 66.6 50.6 76.0



#22
Diisopropyl ether
Concen: 17.882 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion: 45 Resp: 166723
Ion Ratio Lower Upper
45 100
43 63.2 47.9 71.9
87 37.1 28.4 42.6
59 12.8 10.5 15.7

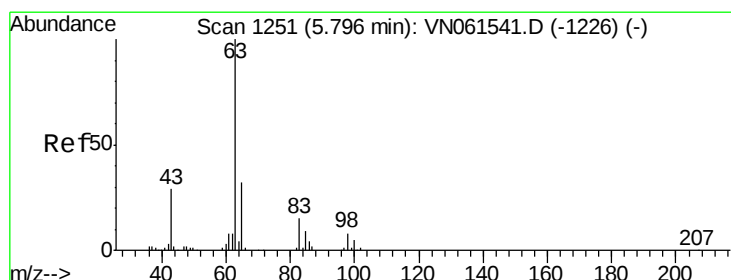
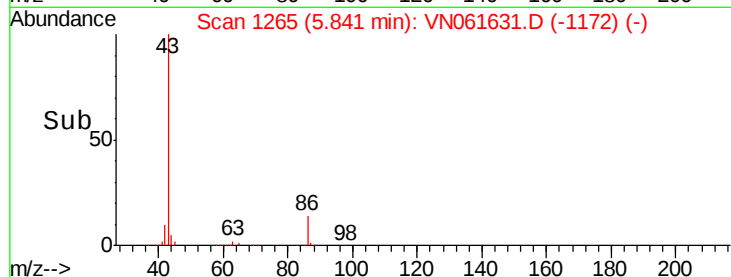
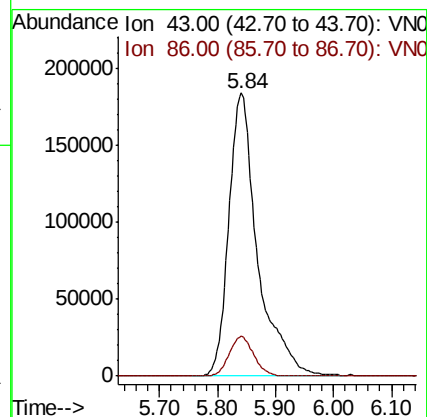
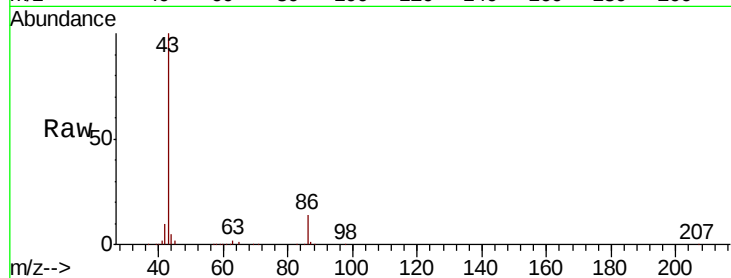




#23
 Vinyl Acetate
 Concen: 85.267 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

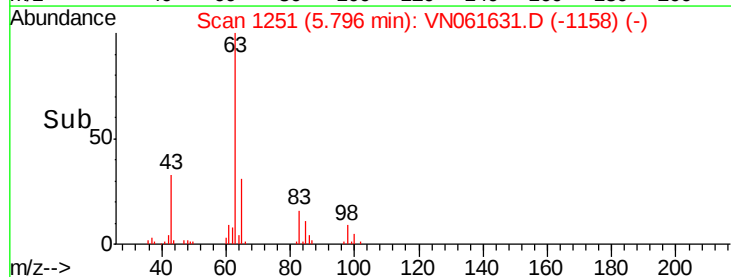
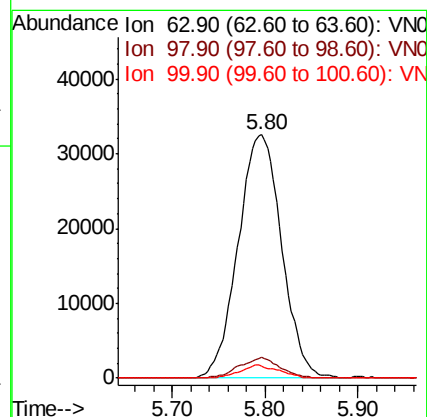
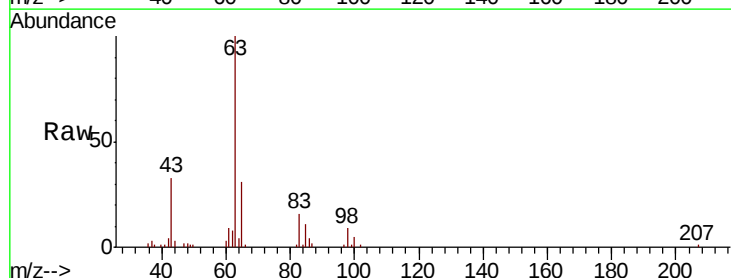
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

Tot Ion: 43 Resp: 633621
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 17.922 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion: 63 Resp: 105956
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.8 11.4
 100 4.7 2.5 7.6

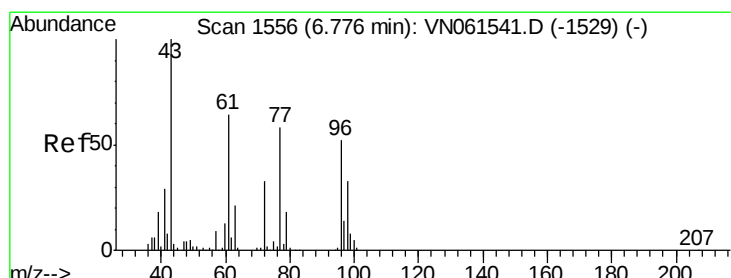
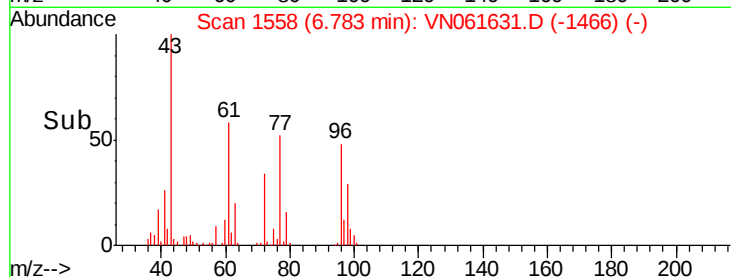
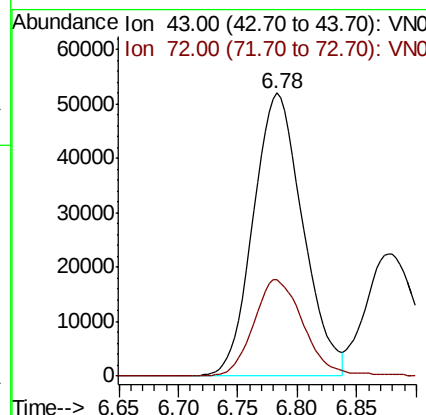
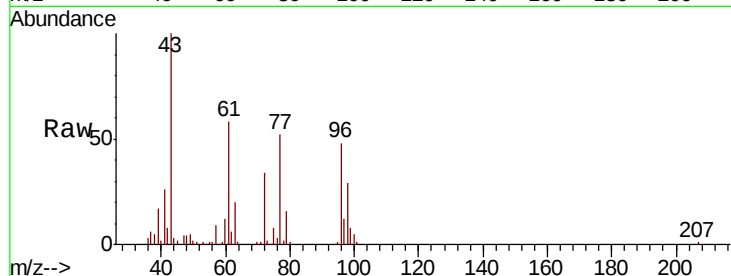




#25
2-Butanone
Concen: 83.923 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

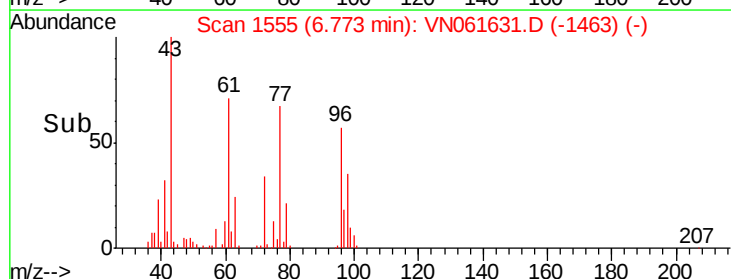
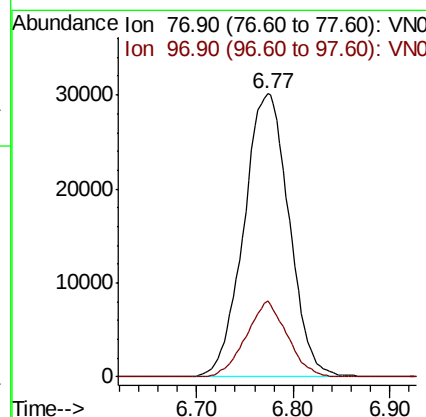
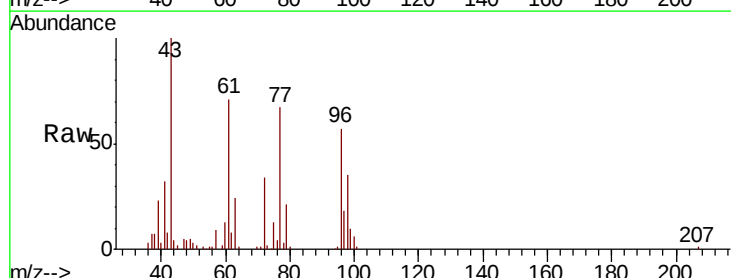
Instrument :
MSVOA_N
ClientSampled :
VN0603MBS01

Tot Ion: 43 Resp: 150057
Ion Ratio Lower Upper
43 100
72 33.9 26.0 39.0



#26
2,2-Dichloropropane
Concen: 18.084 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion: 77 Resp: 97854
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.0

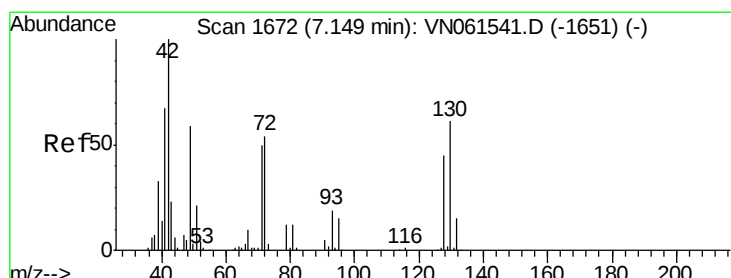
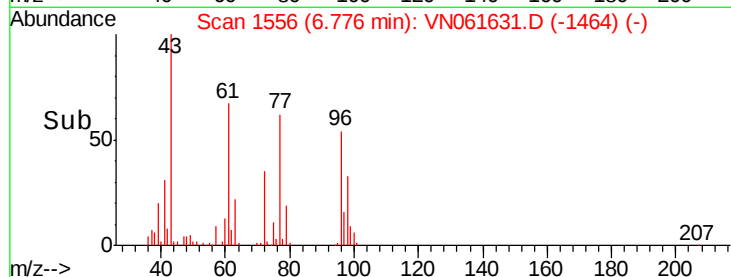
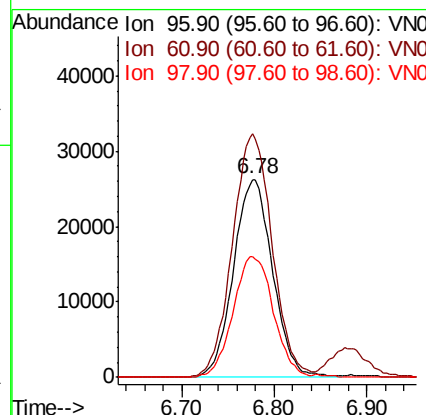
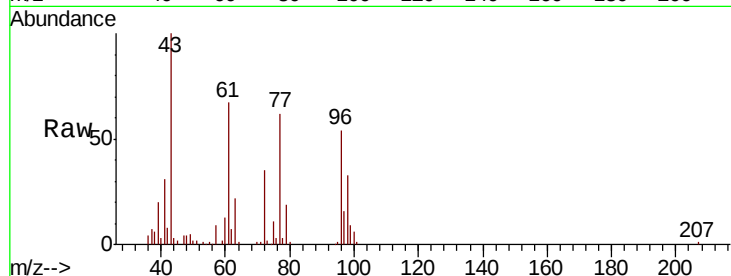




#27
 cis-1,2-Dichloroethene
 Concen: 18.622 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

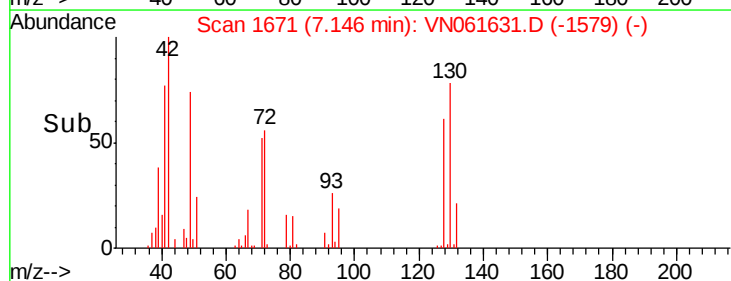
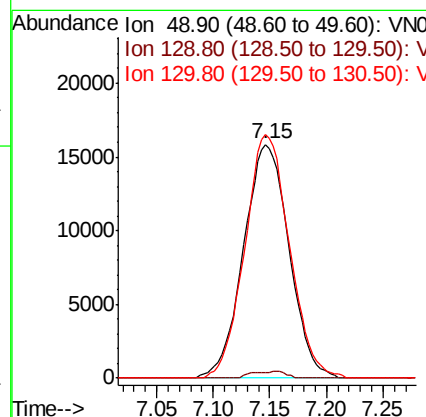
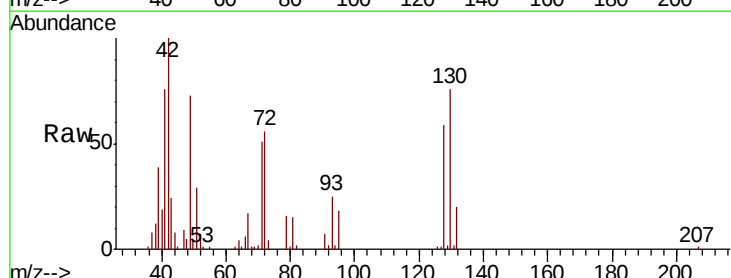
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

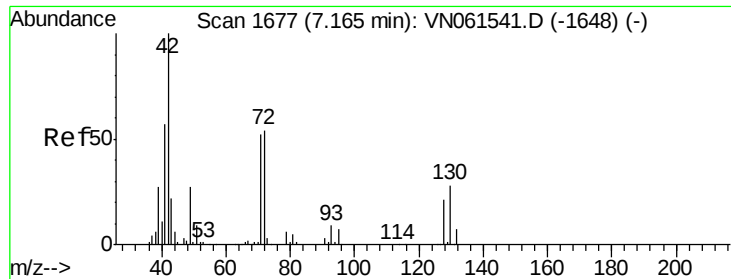
Tot Ion: 96 Resp: 76946
 Ion Ratio Lower Upper
 96 100
 61 124.7 0.0 252.2
 98 62.6 0.0 129.2



#28
 Bromochloromethane
 Concen: 19.084 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion: 49 Resp: 44271
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.8
 130 102.1 78.8 118.2

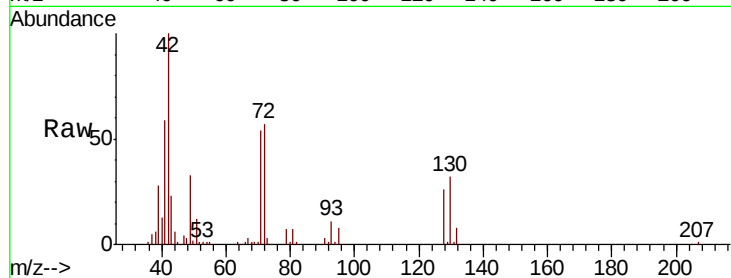




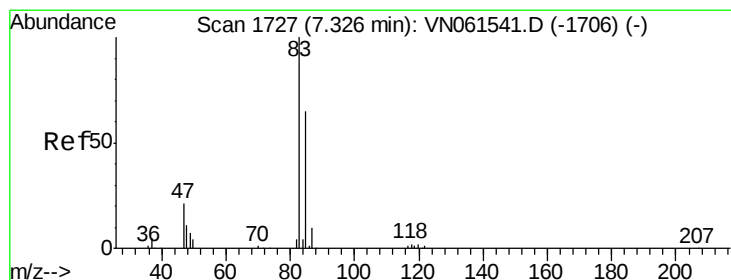
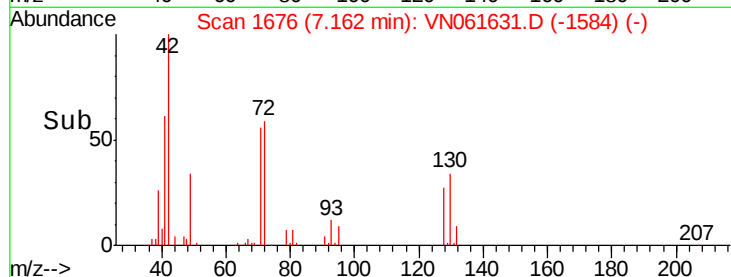
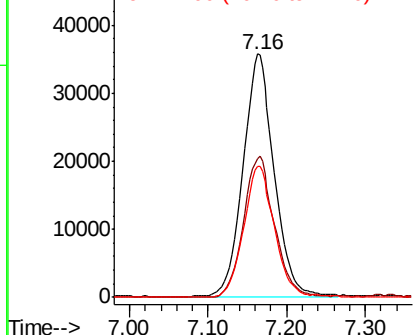
#29
Tetrahydrofuran
Concen: 85.065 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

Tot Ion: 42 Resp: 100297
Ion Ratio Lower Upper
42 100
72 57.3 43.6 65.4
71 52.8 41.2 61.8

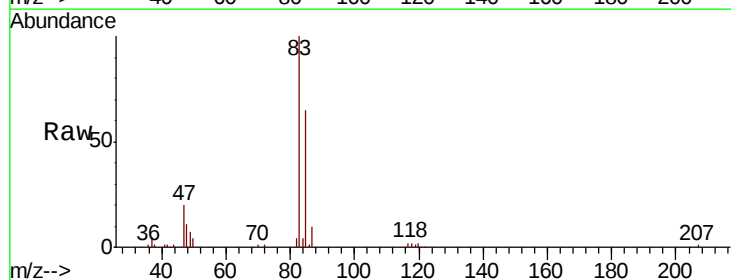


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

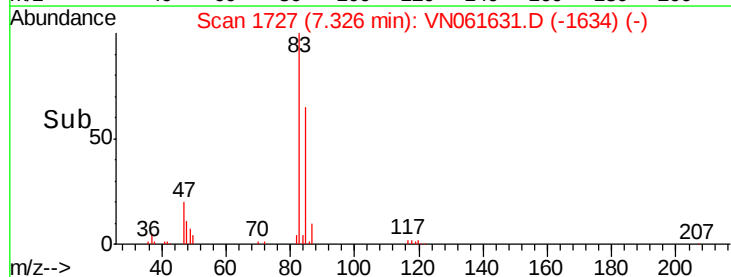
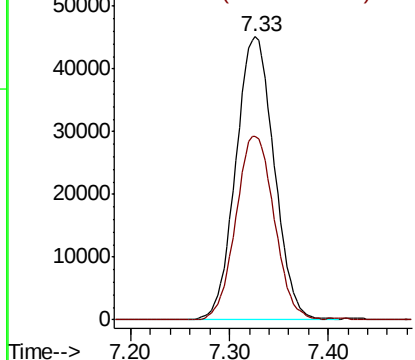


#30
Chloroform
Concen: 18.529 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion: 83 Resp: 121196
Ion Ratio Lower Upper
83 100
85 65.0 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: 17.247 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0603MBS01

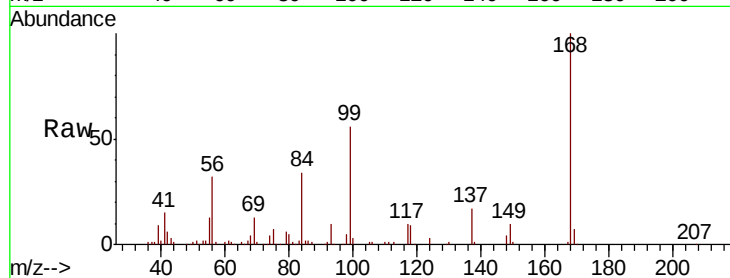
Tot Ion: 56 Resp: 91705

Ion Ratio Lower Upper

56 100

69 41.9 27.8 41.8#

84 106.8 79.9 119.9

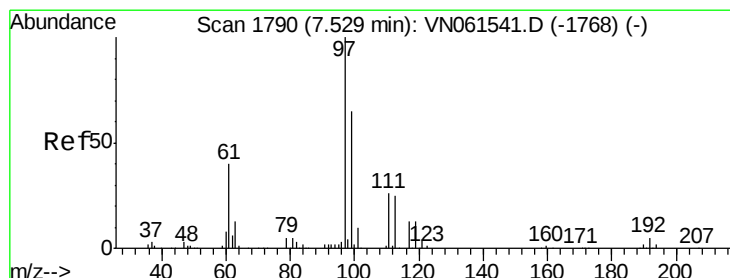
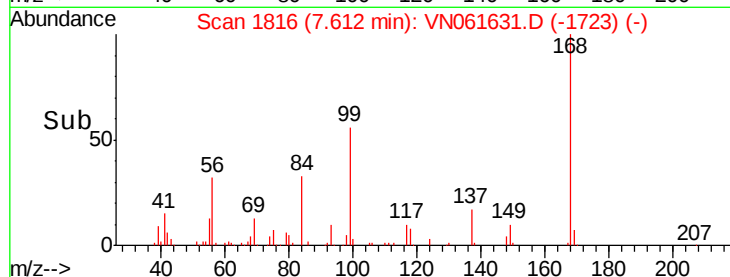
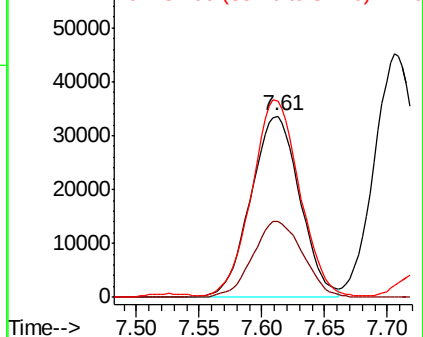


Abundance

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: 17.877 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

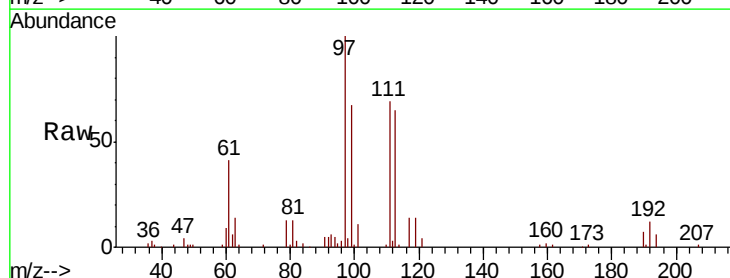
Tgt Ion: 97 Resp: 106548

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 40.3 31.4 47.0

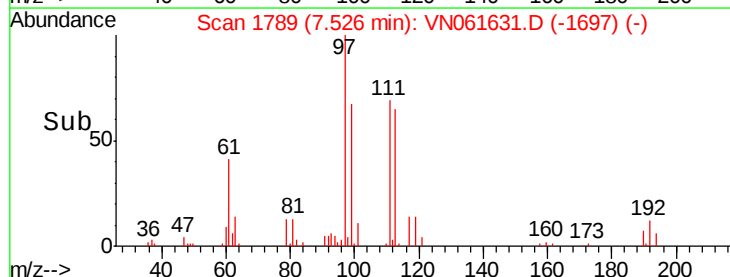
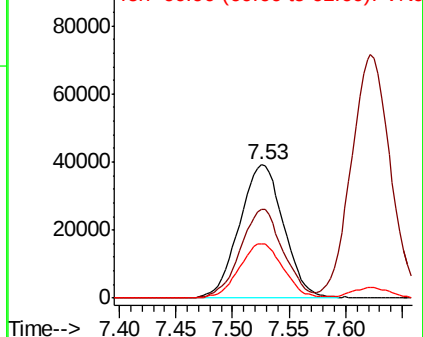


Abundance

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

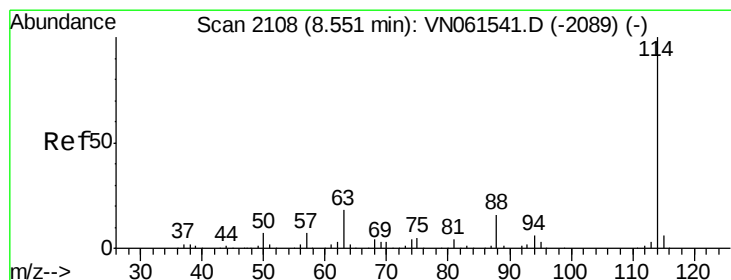
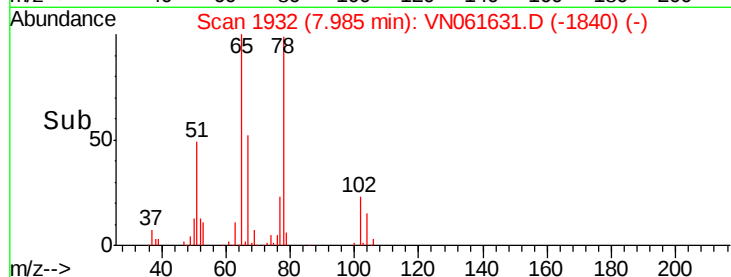
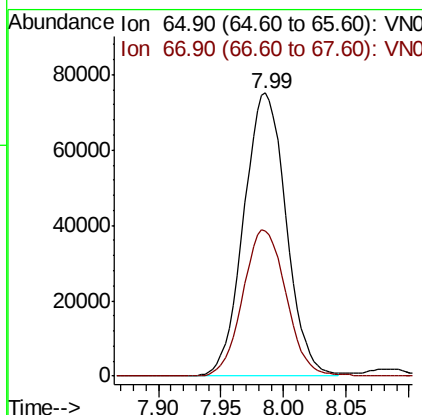
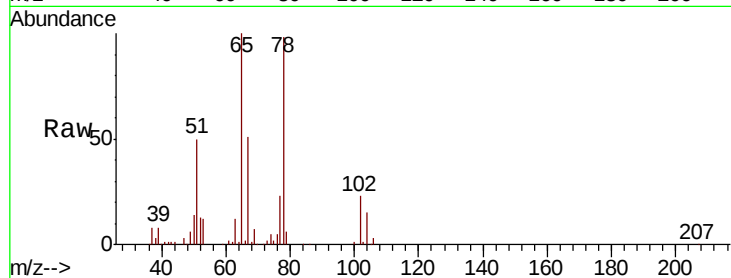




#33
 1,2-Dichloroethane-d4
 Concen: 46.851 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

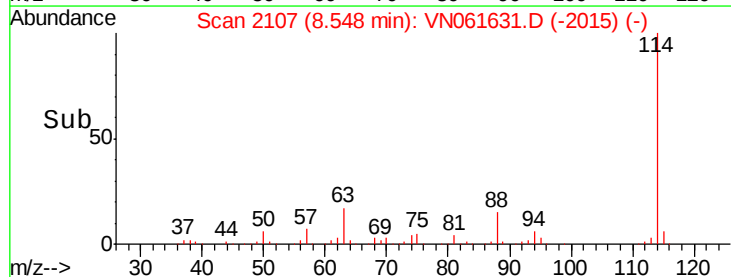
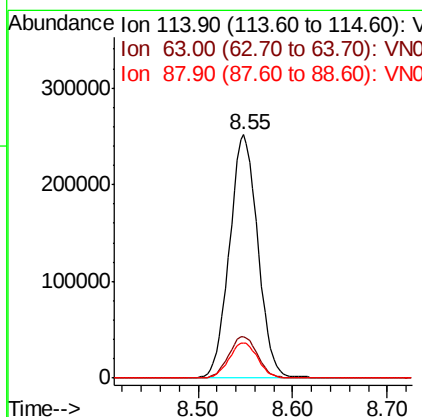
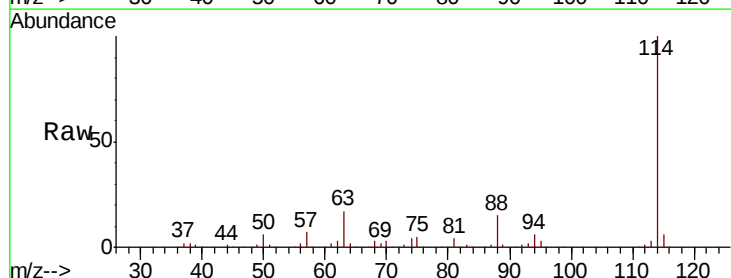
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

Tot Ion: 65 Resp: 176757
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion: 114 Resp: 524339
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.8
 88 14.6 0.0 31.0

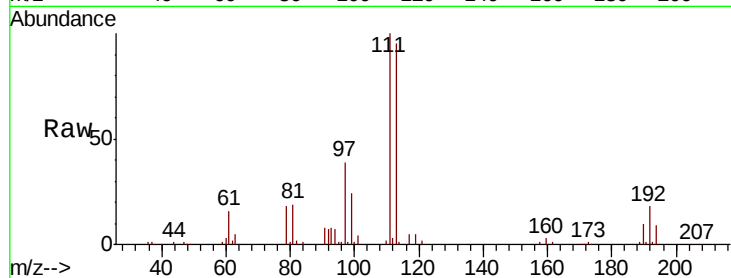




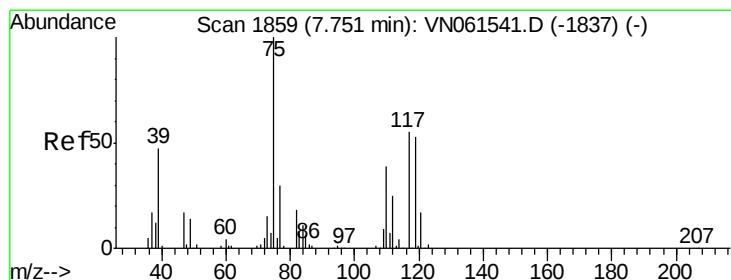
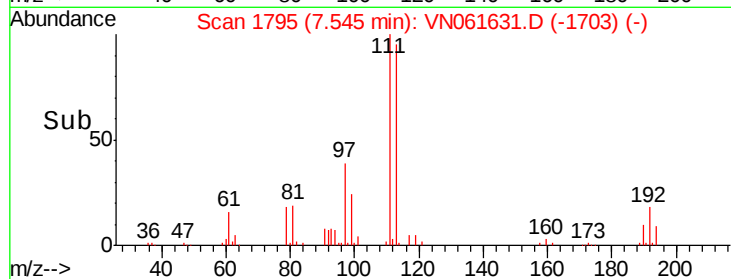
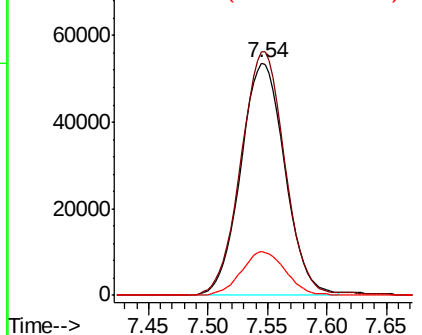
#35
 Dibromofluoromethane
 Concen: 51.802 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

Tot Ion:113 Resp: 137786
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.4 125.0
 192 18.9 15.4 23.2

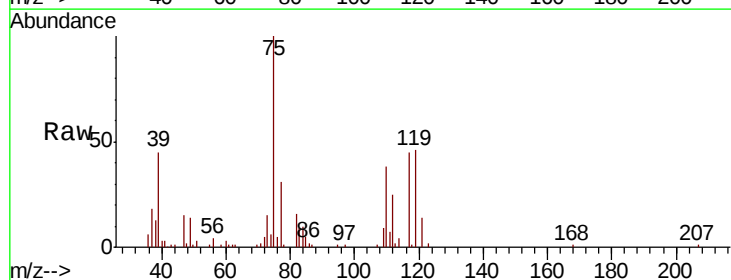


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

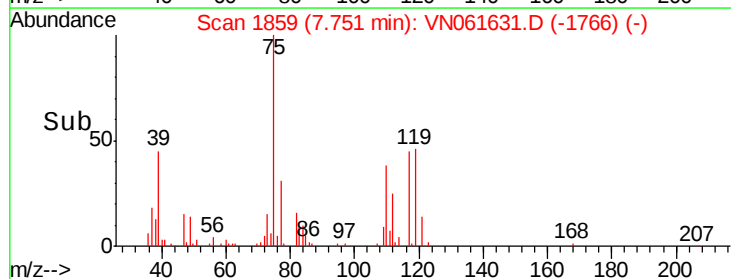
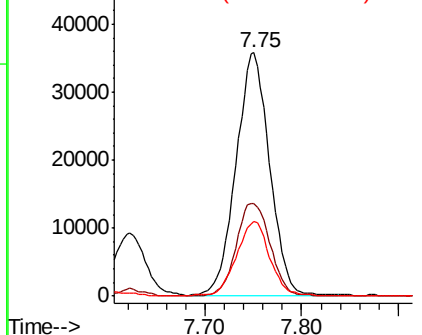


#36
 1,1-Dichloropropene
 Concen: 18.706 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion: 75 Resp: 86830
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.5 58.5
 77 30.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

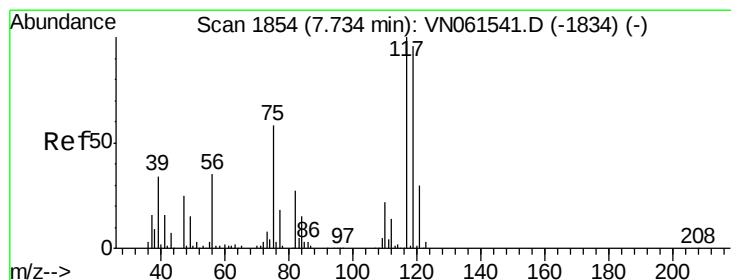
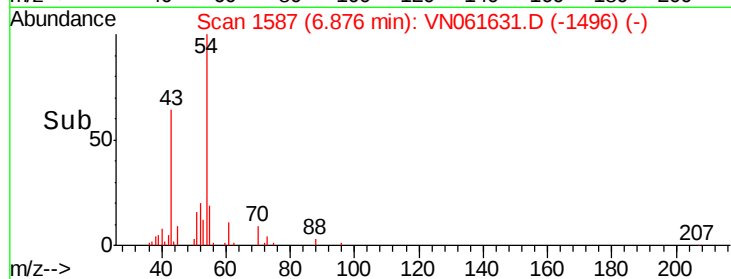
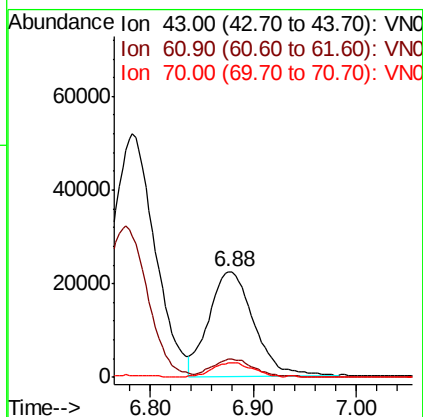
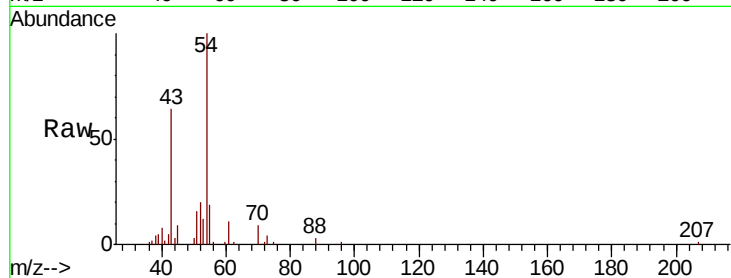




#37
Ethyl Acetate
Concen: 17.921 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

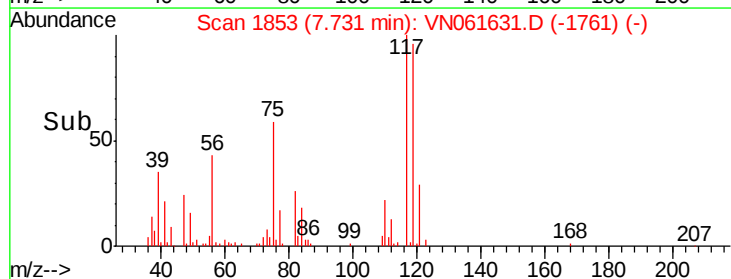
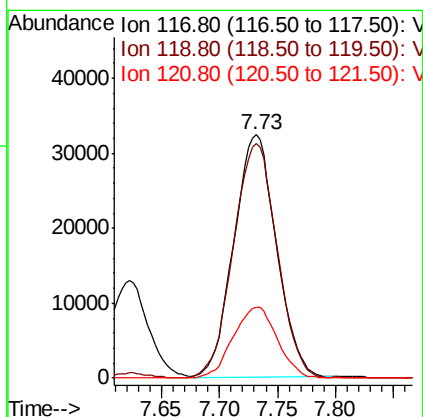
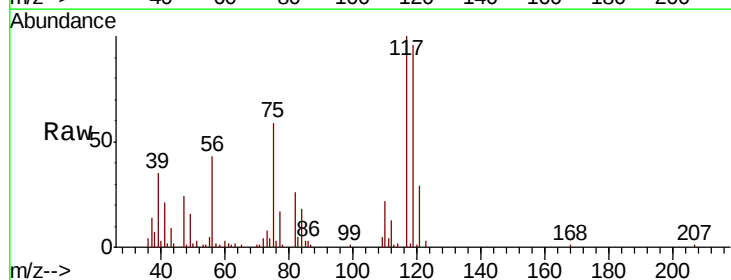
Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

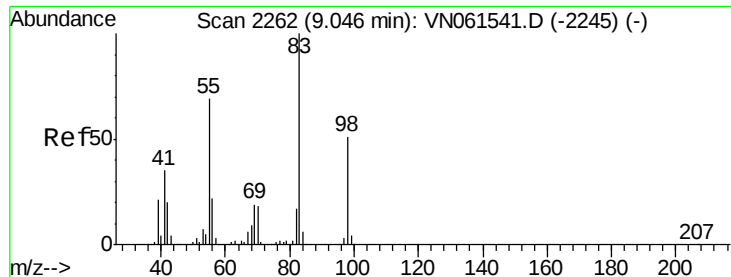
Tot Ion: 43 Resp: 67000
Ion Ratio Lower Upper
43 100
61 16.9 12.2 18.4
70 13.0 9.4 14.2



#38
Carbon Tetrachloride
Concen: 18.422 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion: 117 Resp: 82480
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
121 29.3 24.1 36.1

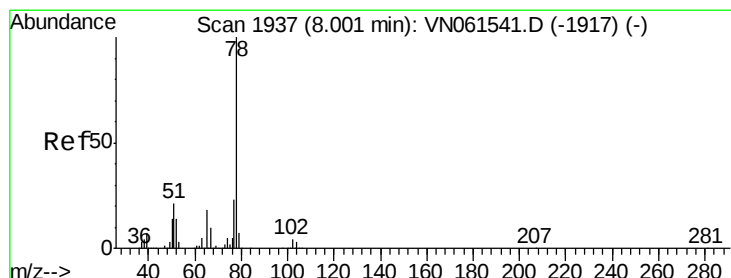
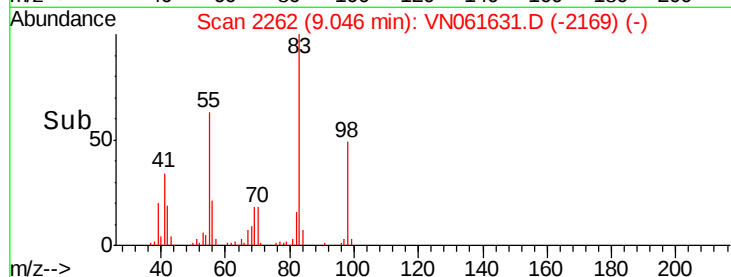
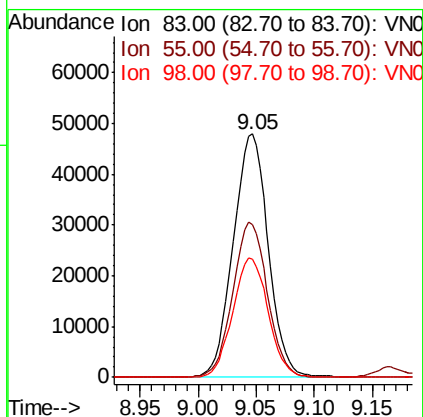
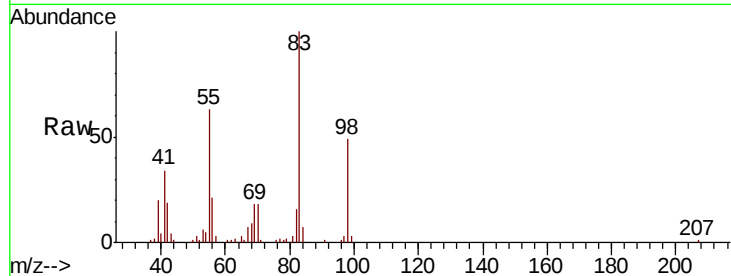




#39
Methvlcvclohexane
Concen: 17.561 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

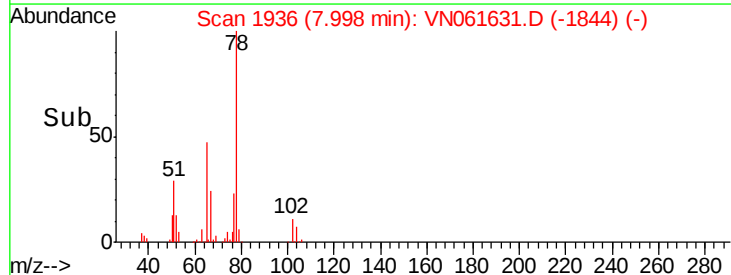
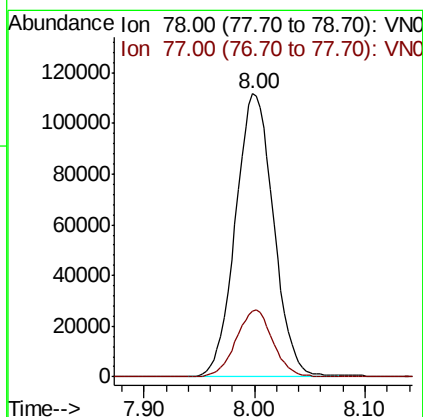
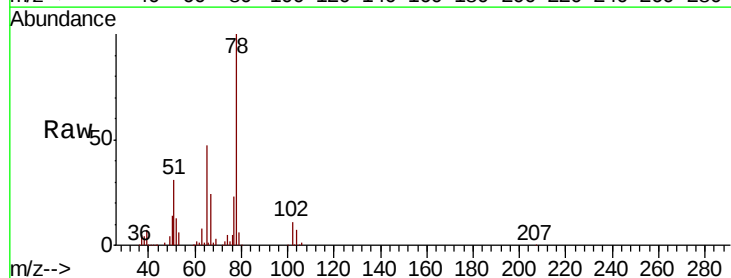
Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

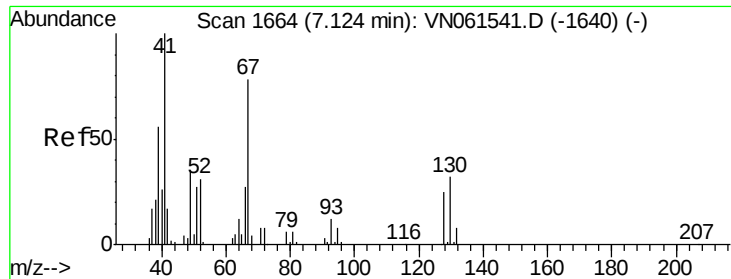
Tot Ion: 83 Resp: 100472
Ion Ratio Lower Upper
83 100
55 62.9 54.9 82.3
98 48.8 41.0 61.4



#40
Benzene
Concen: 18.674 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion: 78 Resp: 267449
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

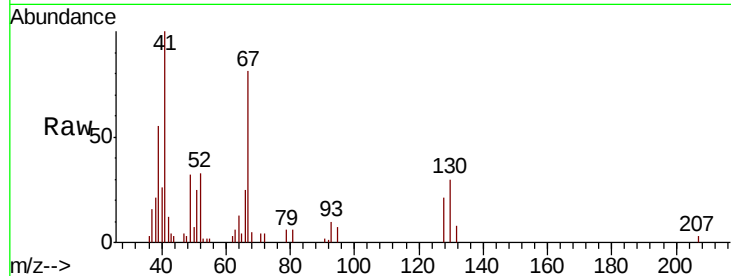




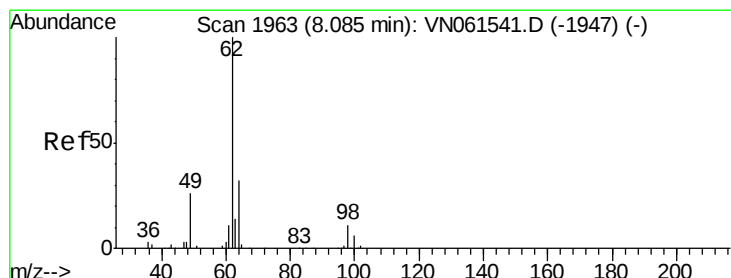
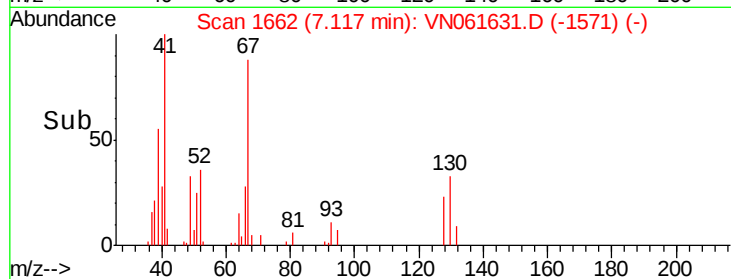
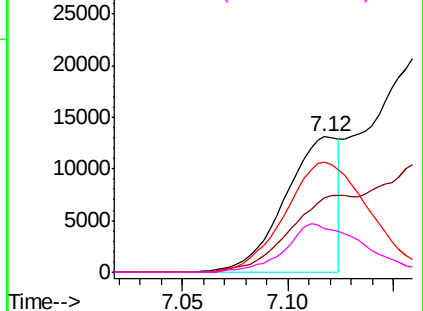
#41
Methacrylonitrile
Concen: 13.479 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.01 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

Tot Ion:	41	Resp:	23088
Ion	Ratio	Lower	Upper
41	100		
39	71.1	53.8	80.6
67	129.1	91.1	136.7
52	53.8	36.0	54.0

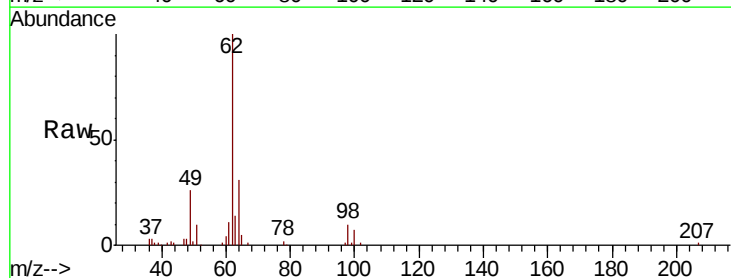


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

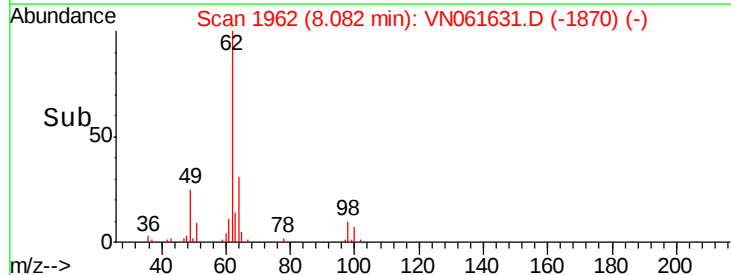
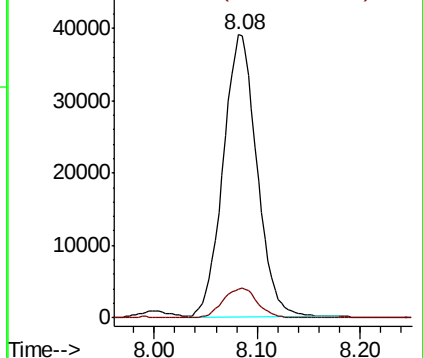


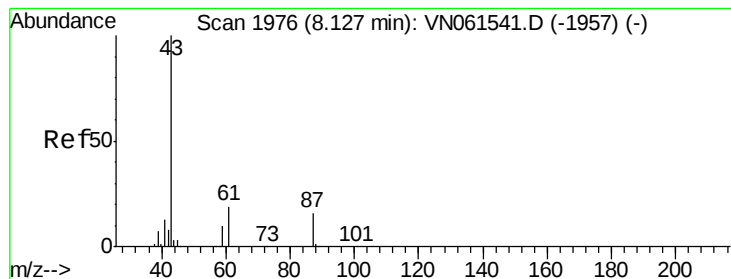
#42
1,2-Dichloroethane
Concen: 18.572 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion:	62	Resp:	89050
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: 17.038 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0603MBS01

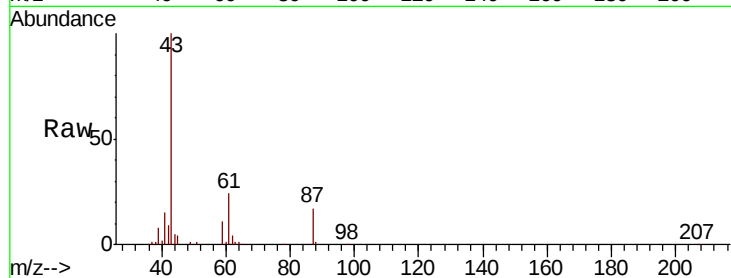
Tot Ion: 43 Resp: 114602

Ion Ratio Lower Upper

43 100

61 23.9 23.6 35.4

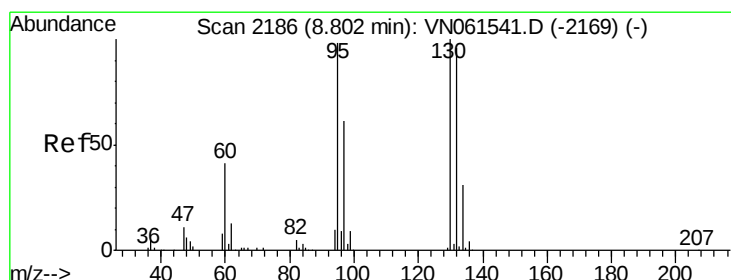
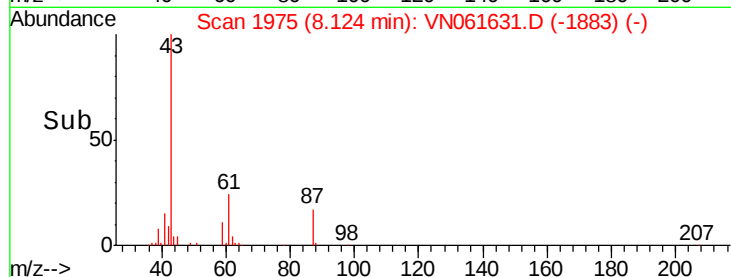
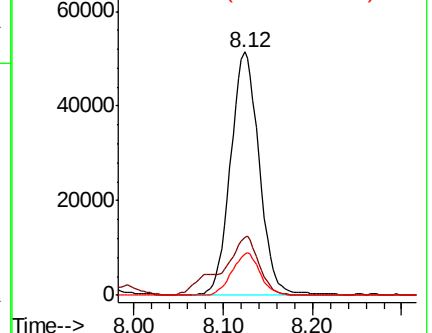
87 16.9 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)



#44

Trichloroethene

Concen: 18.671 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061631.D

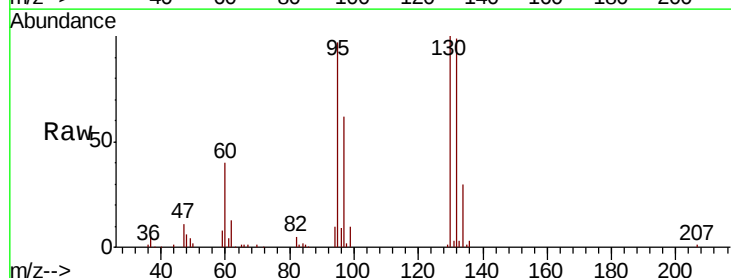
Acq: 3 Jun 2020 12:19

Tgt Ion:130 Resp: 82182

Ion Ratio Lower Upper

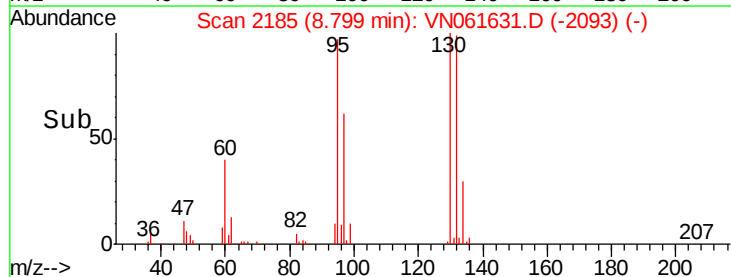
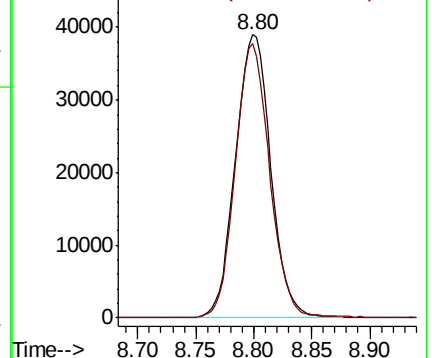
130 100

95 96.9 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061541.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061541.D (-2169) (-)

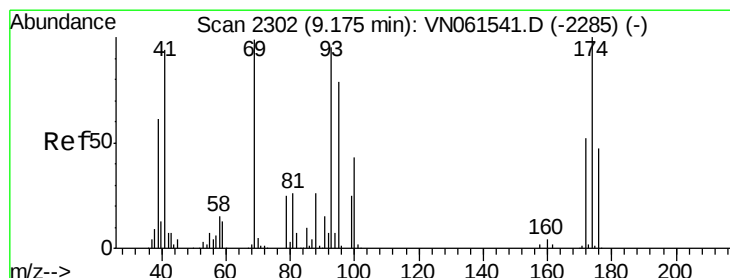
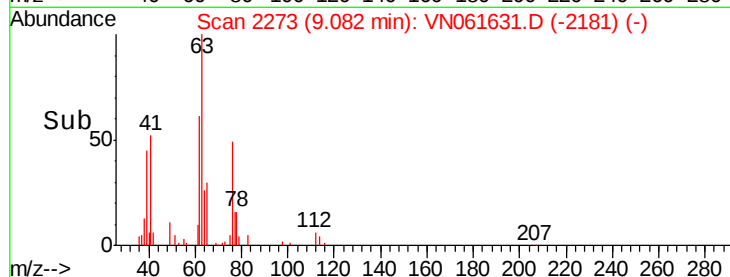
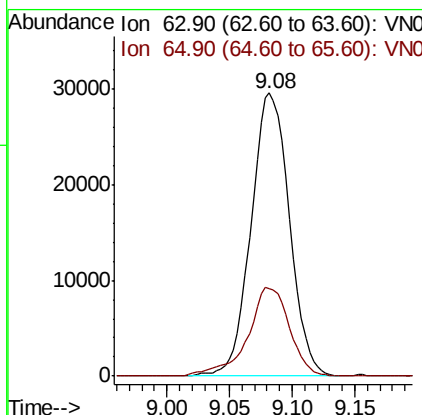
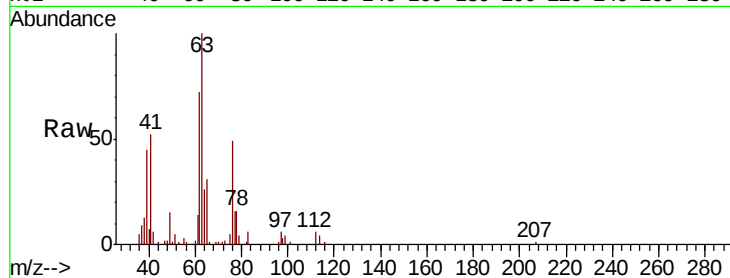




#45
 1,2-Dichloropropane
 Concen: 18.506 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

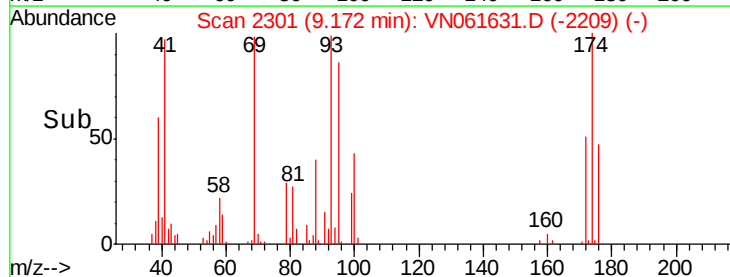
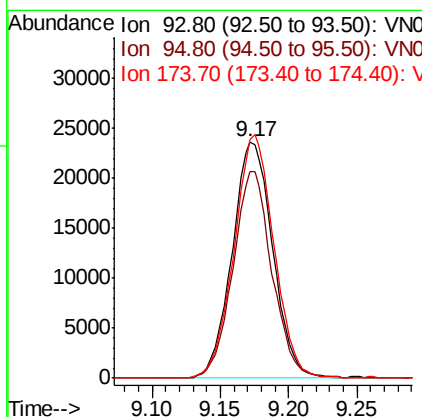
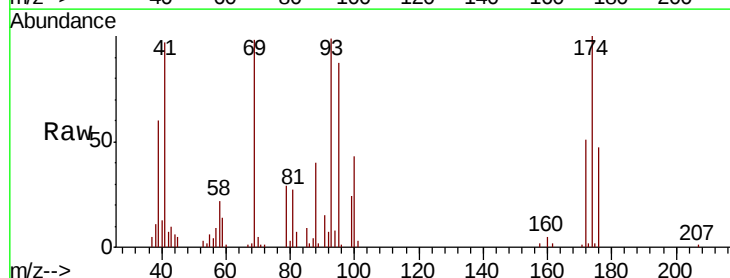
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

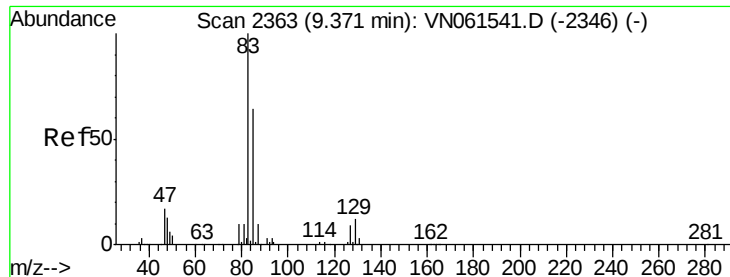
Tot Ion: 63 Resp: 62936
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 18.655 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion: 93 Resp: 48657
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.0 99.0
 174 101.8 82.5 123.7





#47

Bromodichloromethane

Concen: 18.508 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0603MBS01

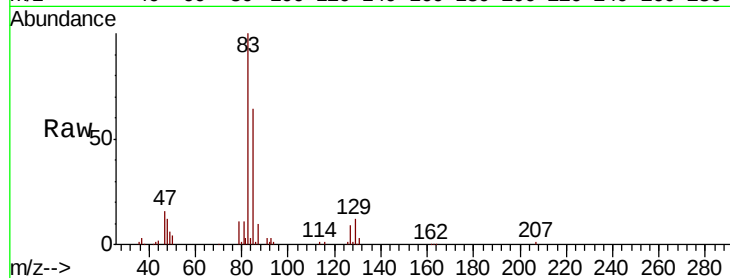
Tot Ion: 83 Resp: 95642

Ion Ratio Lower Upper

83 100

85 63.5 51.1 76.7

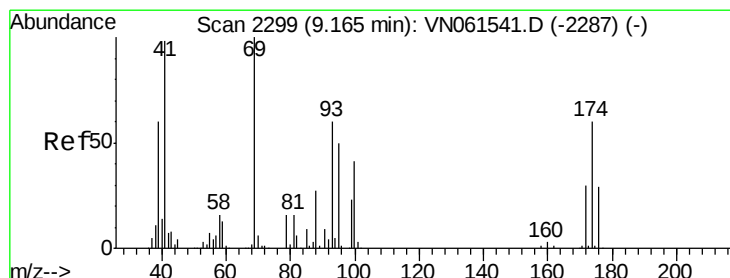
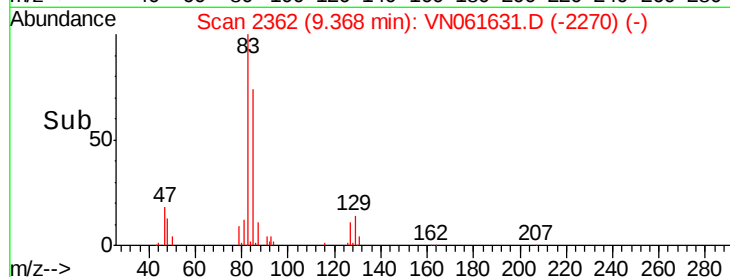
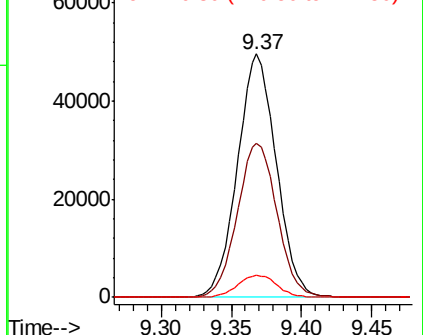
127 9.0 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061631.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061631.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061631.D (-2270) (-)



#48

Methyl methacrylate

Concen: 16.269 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

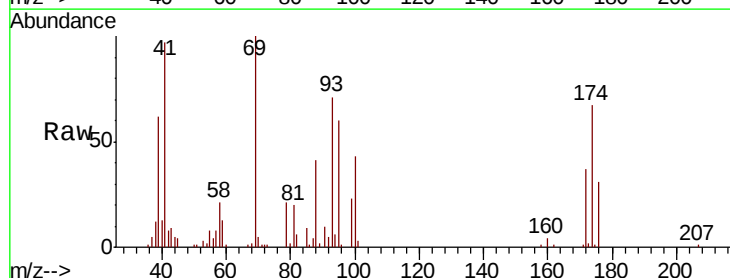
Tgt Ion: 41 Resp: 49233

Ion Ratio Lower Upper

41 100

69 106.2 83.9 125.9

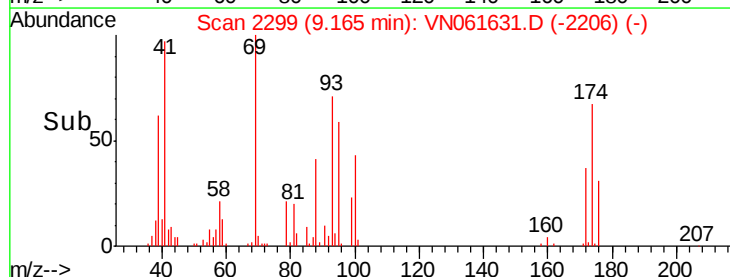
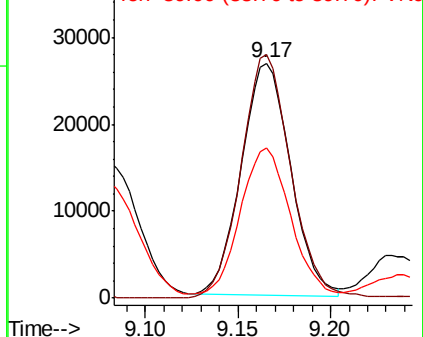
39 67.1 52.1 78.1

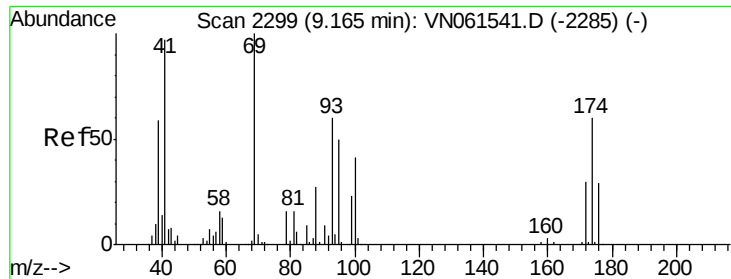


Abundance Ion 41.00 (40.70 to 41.70): VN061631.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061631.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061631.D (-2206) (-)





#49

1,4-Dioxane

Concen: 489.426 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0603MBS01

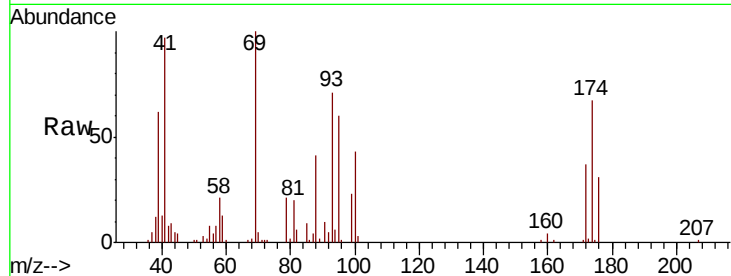
Tot Ion: 88 Resp: 22945

Ion Ratio Lower Upper

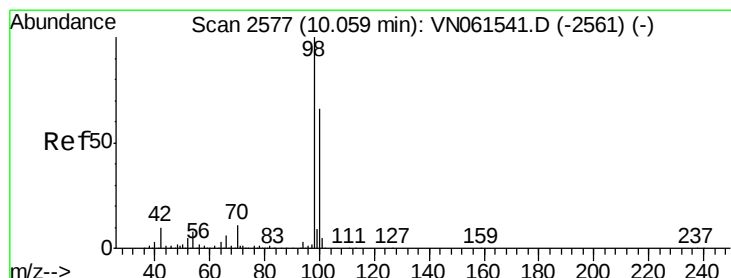
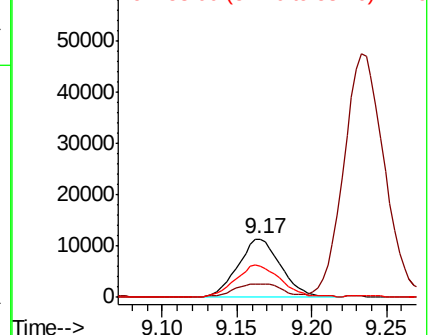
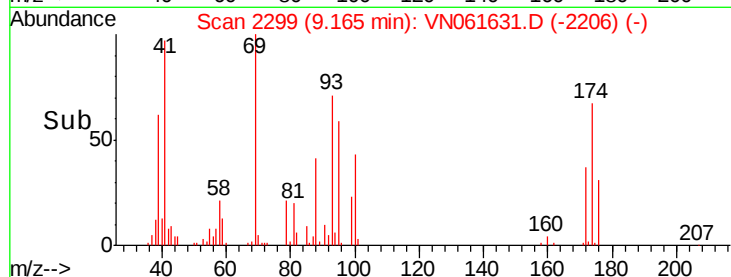
88 100

43 26.0 23.1 34.7

58 57.7 48.3 72.5



Abundance Ion 88.00 (87.70 to 88.70): VN061631.D (-2206) (-)



#50

Toluene-d8

Concen: 48.420 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061631.D

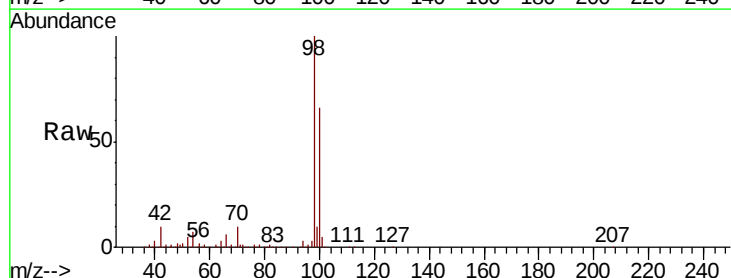
Acq: 3 Jun 2020 12:19

Tgt Ion: 98 Resp: 596830

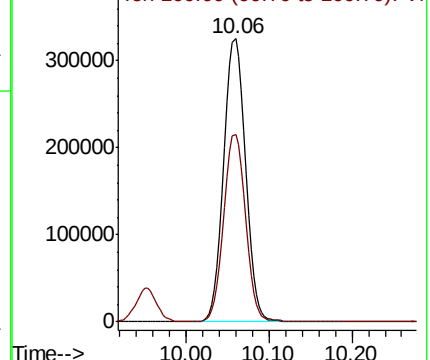
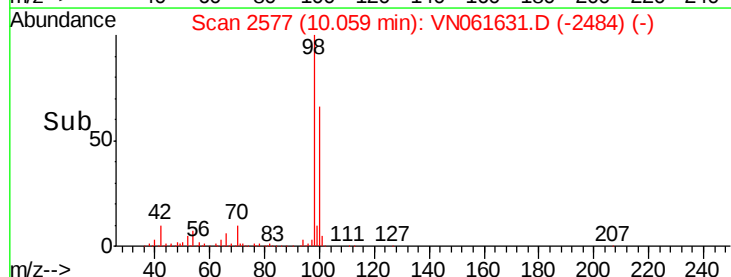
Ion Ratio Lower Upper

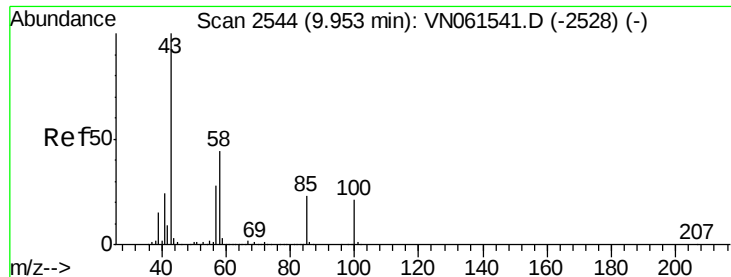
98 100

100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061631.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 86.903 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

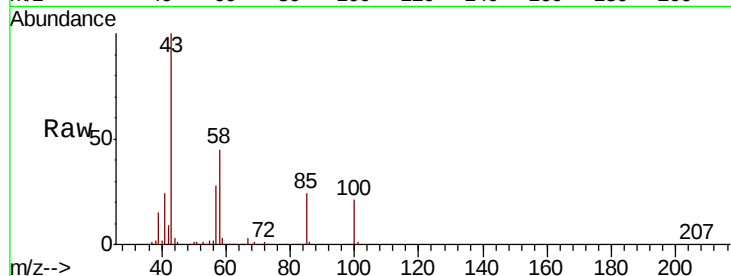
VN0603MBS01

Tot Ion: 43 Resp: 329398

Ion Ratio Lower Upper

43 100

58 44.6 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) (-)

9.95

200000

150000

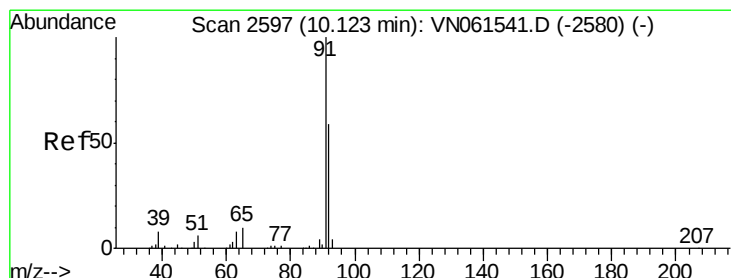
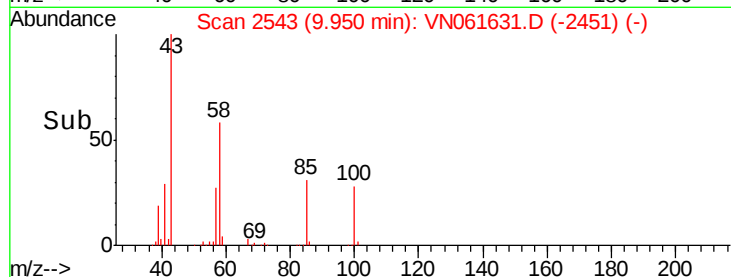
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 19.009 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061631.D

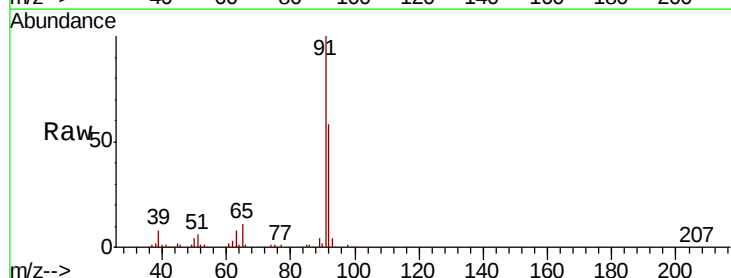
Acq: 3 Jun 2020 12:19

Tgt Ion: 92 Resp: 177694

Ion Ratio Lower Upper

92 100

91 170.2 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)

10.12

150000

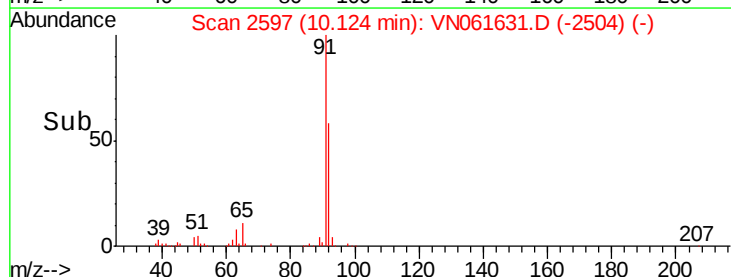
100000

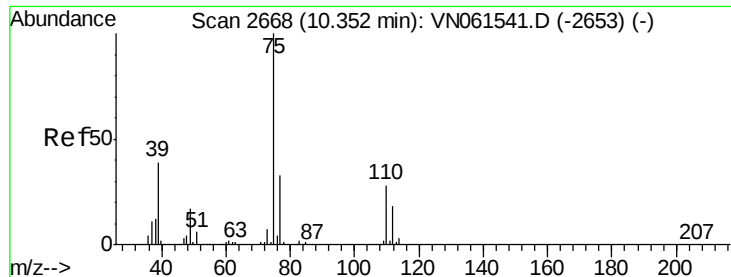
50000

0

10.10 10.12 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.909 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

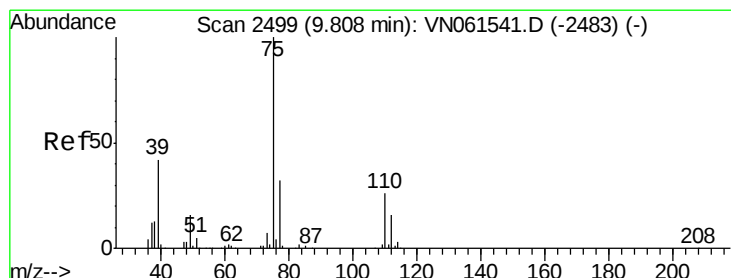
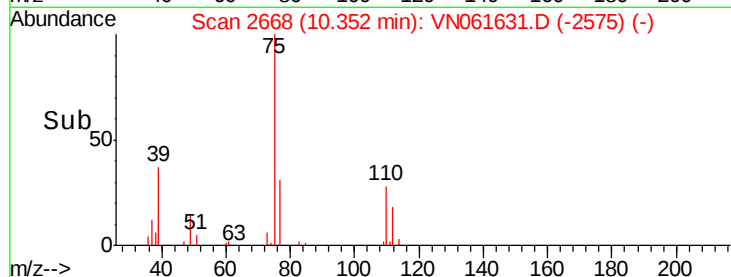
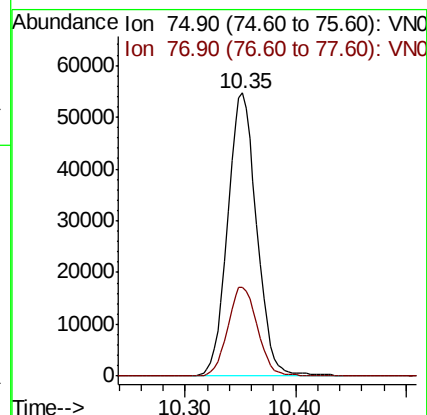
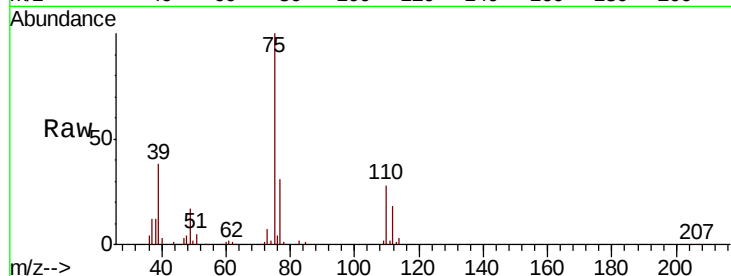
VN0603MBS01

Tot Ion: 75 Resp: 99696

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 18.289 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

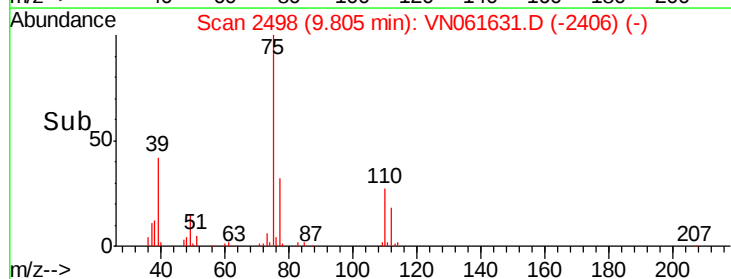
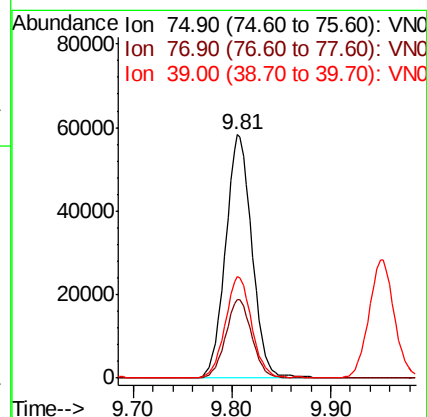
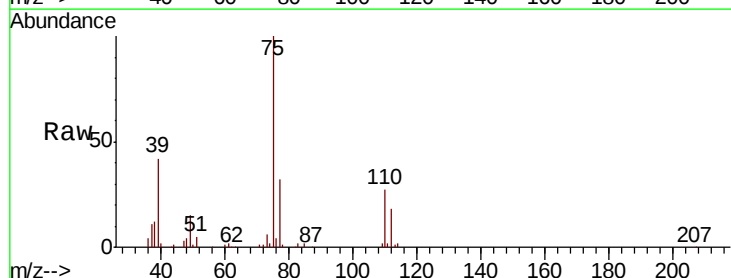
Tgt Ion: 75 Resp: 109470

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2

39 41.5 33.8 50.6

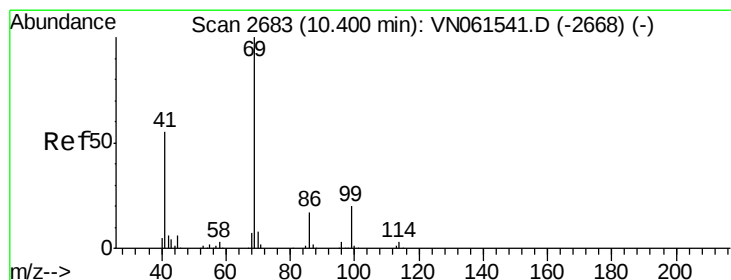
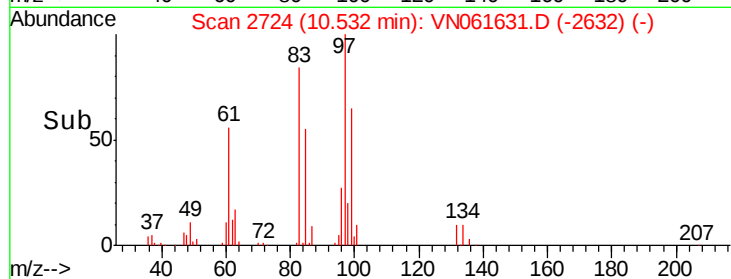
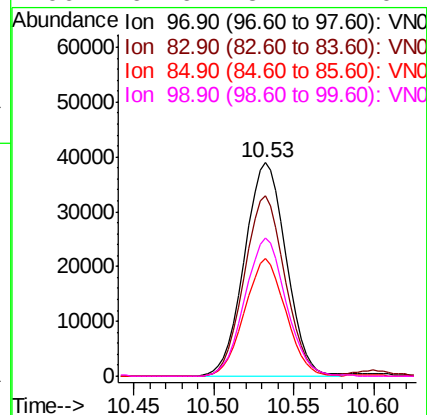
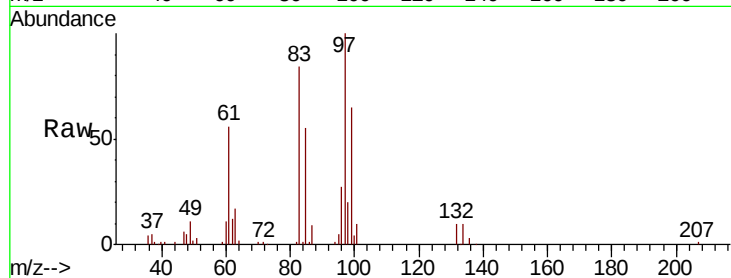




#55
 1,1,2-Trichloroethane
 Concen: 18.722 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

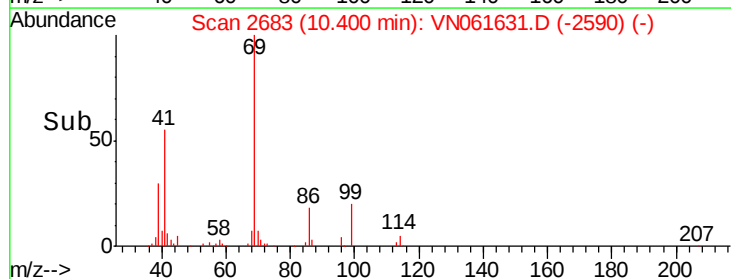
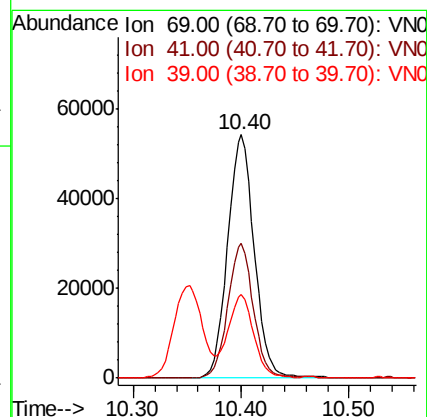
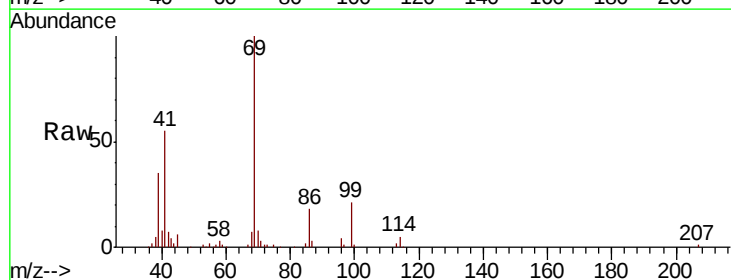
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

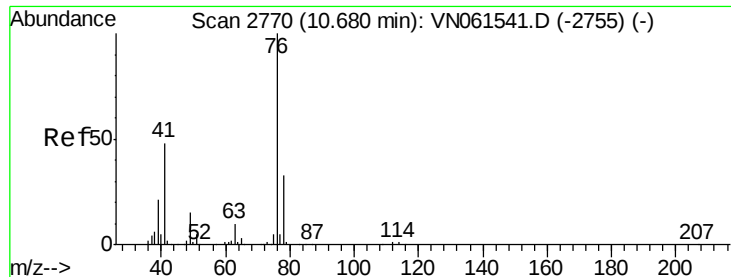
Tot Ion: 97 Resp: 69724
 Ion Ratio Lower Upper
 97 100
 83 84.4 68.1 102.1
 85 55.4 44.1 66.1
 99 64.6 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 17.886 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion: 69 Resp: 93050
 Ion Ratio Lower Upper
 69 100
 41 53.4 43.5 65.3
 39 32.9 27.0 40.6

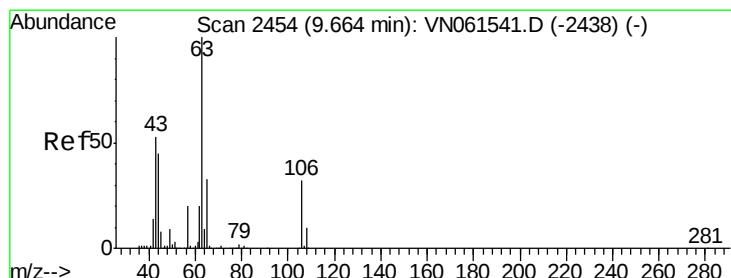
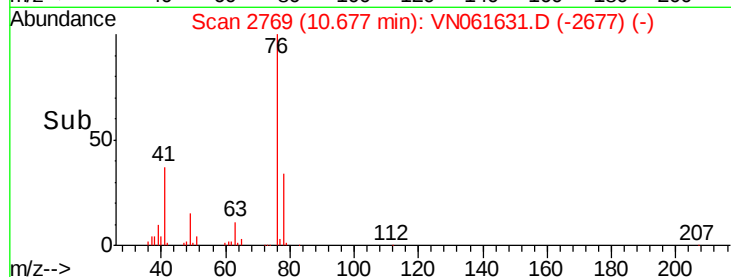
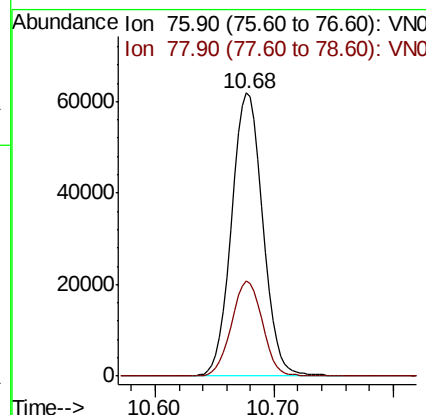
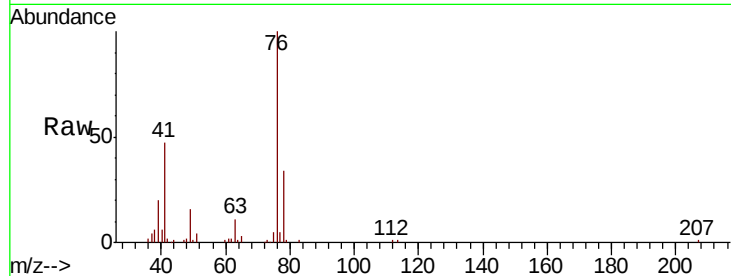




#57
 1,3-Dichloropropane
 Concen: 18.931 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

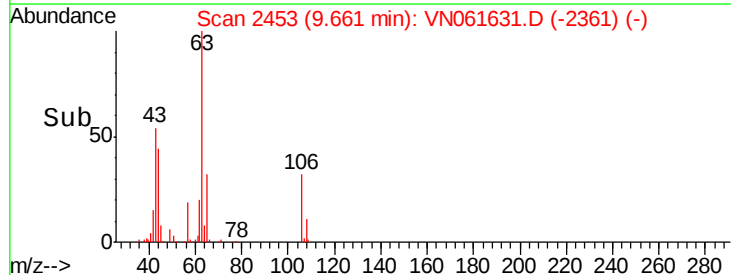
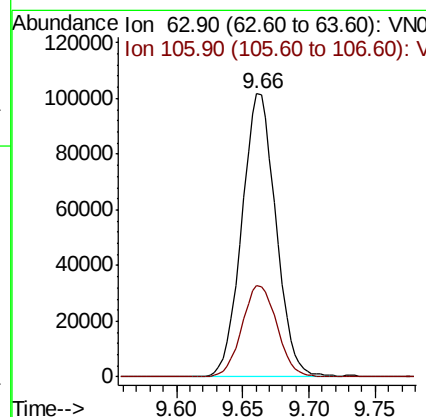
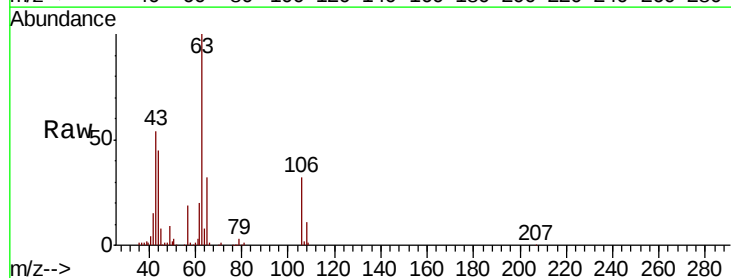
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

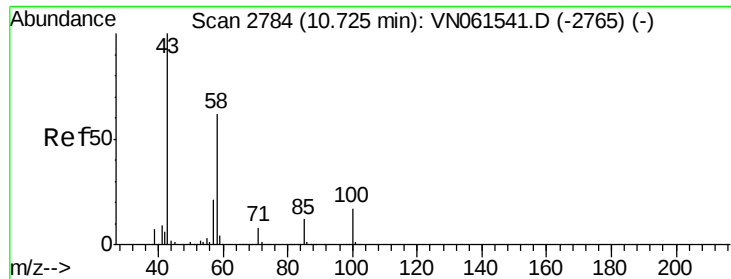
Tot Ion: 76 Resp: 112760
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.870 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion: 63 Resp: 182013
 Ion Ratio Lower Upper
 63 100
 106 33.3 25.9 38.9

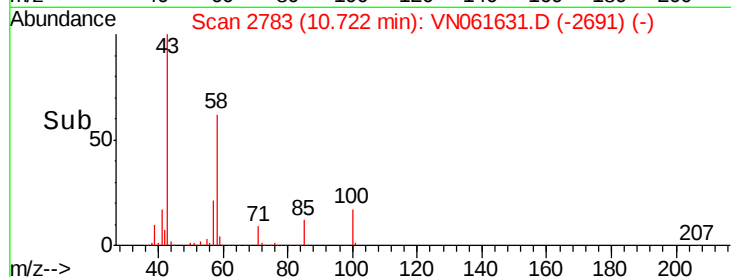
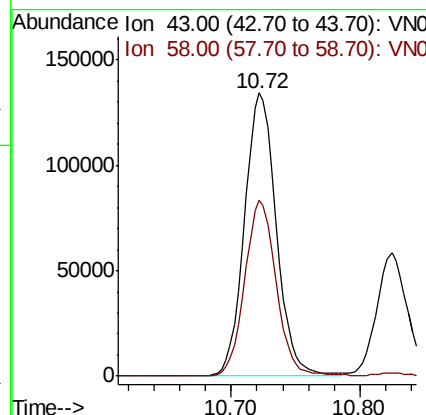
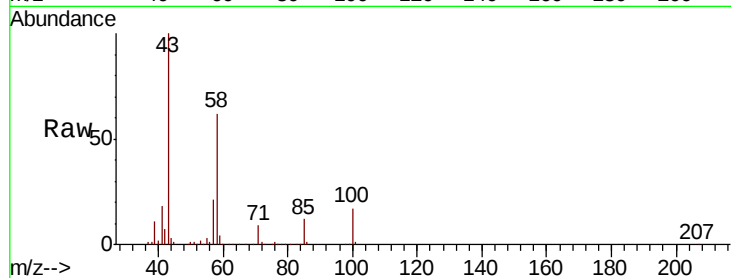




#59
2-Hexanone
Concen: 84.882 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

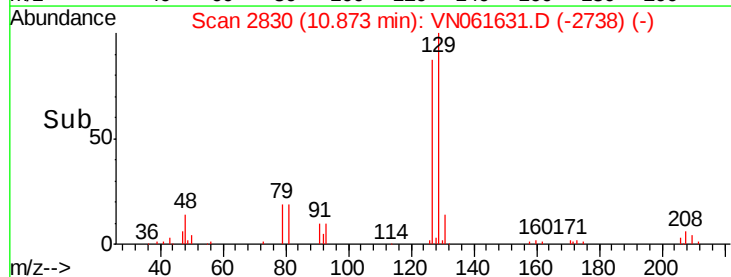
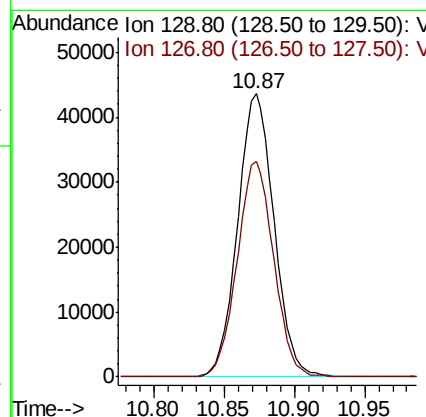
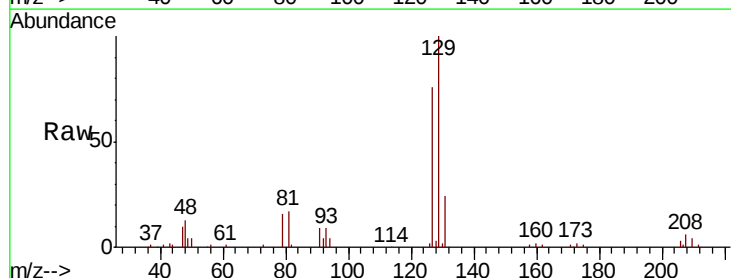
Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

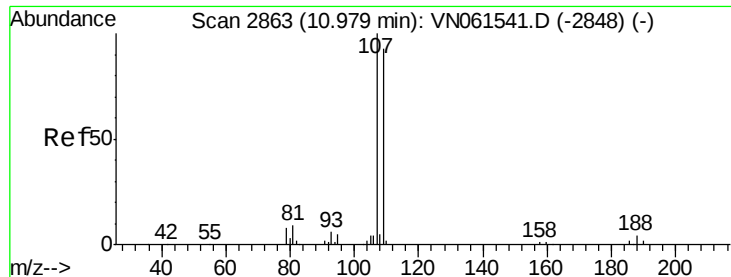
Tot Ion: 43 Resp: 231063
Ion Ratio Lower Upper
43 100
58 61.4 30.7 92.1



#60
Dibromochloromethane
Concen: 18.592 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion: 129 Resp: 78717
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3

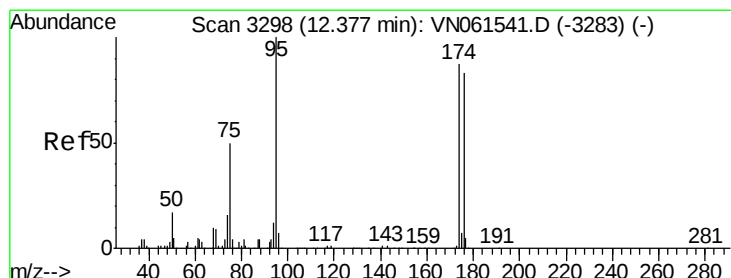
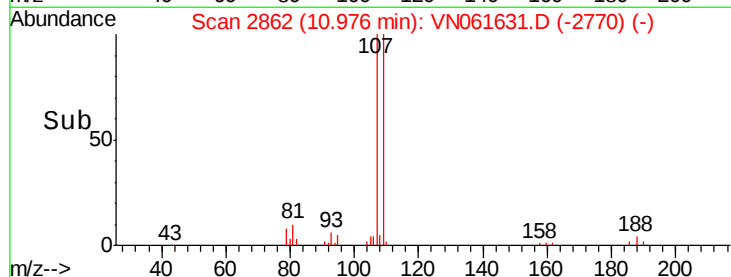
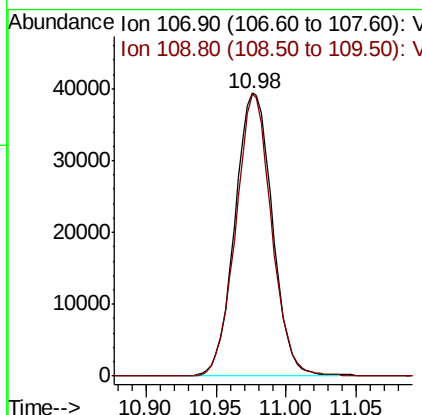
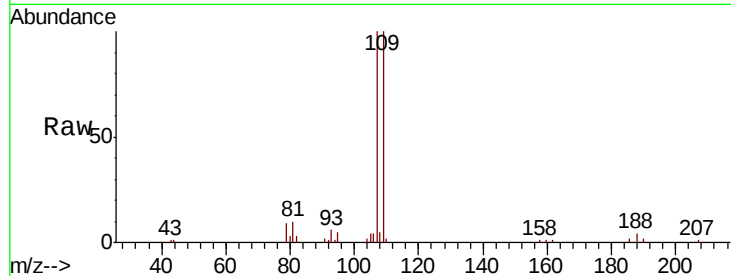




#61
 1,2-Dibromoethane
 Concen: 18.874 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

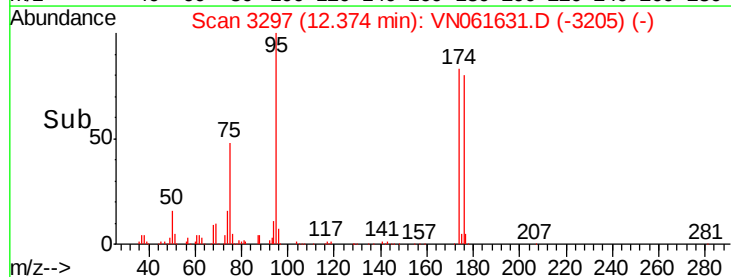
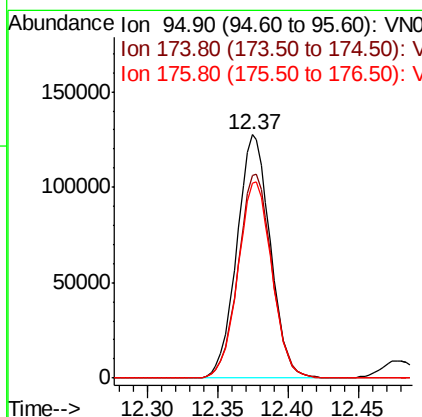
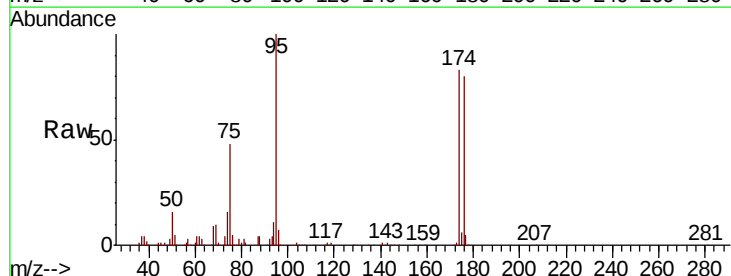
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

Tot Ion:107 Resp: 73309
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 47.126 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion: 95 Resp: 211929
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 172.8
 176 82.0 0.0 164.8

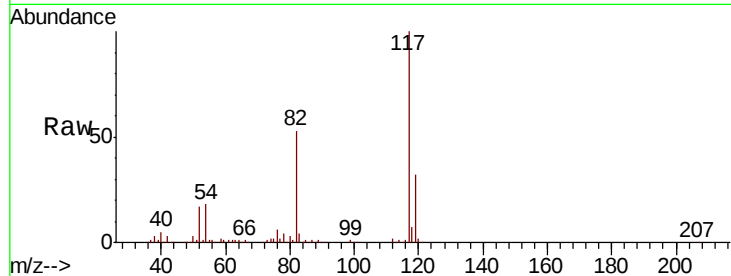




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.5	62.3
119	32.3	25.6	38.4

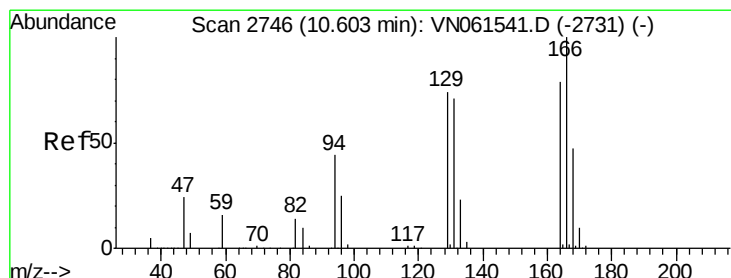
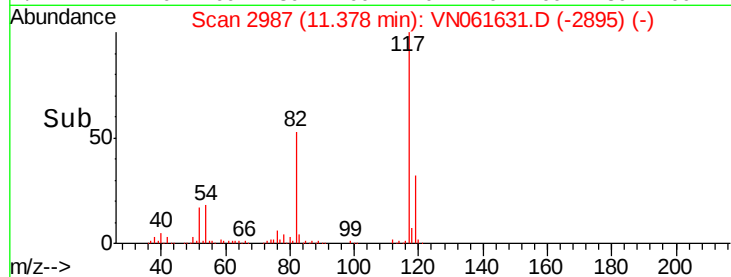
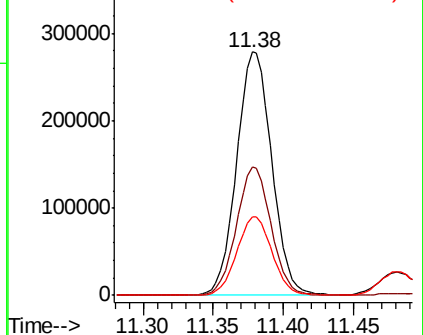


Abundance

Ion 116.90 (116.60 to 117.60): V

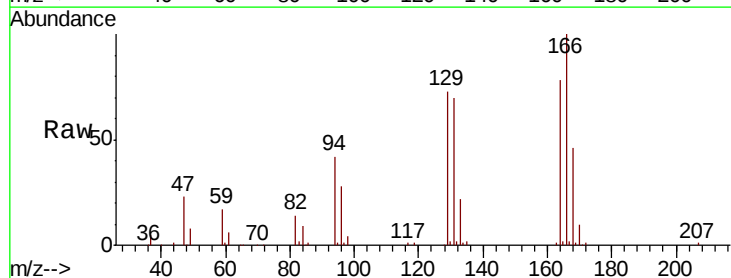
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.139 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	101.5	152.3
129	93.2	74.9	112.3
131	89.4	72.2	108.2



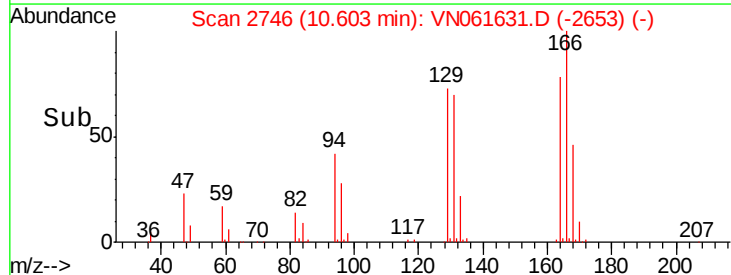
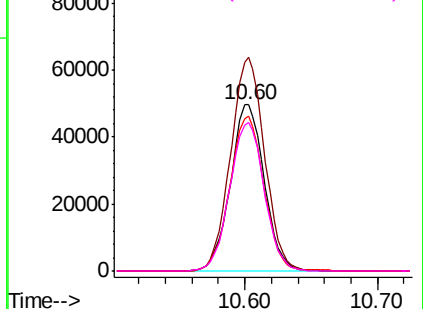
Abundance

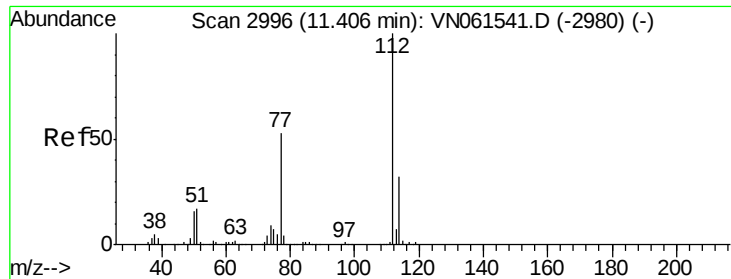
Ion 163.80 (163.50 to 164.50): V

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

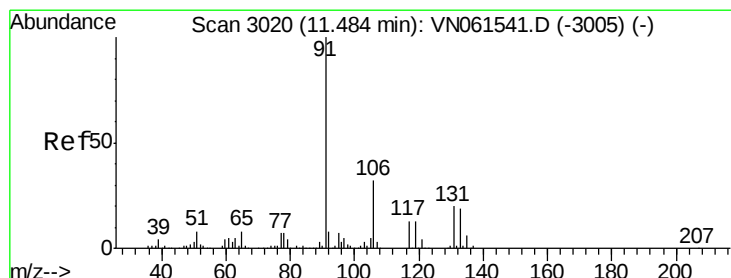
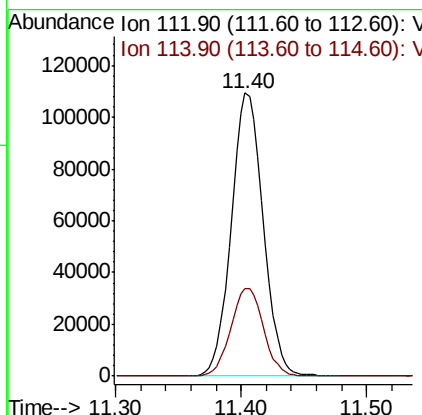
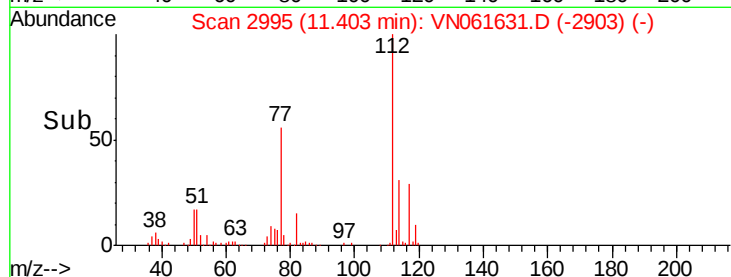
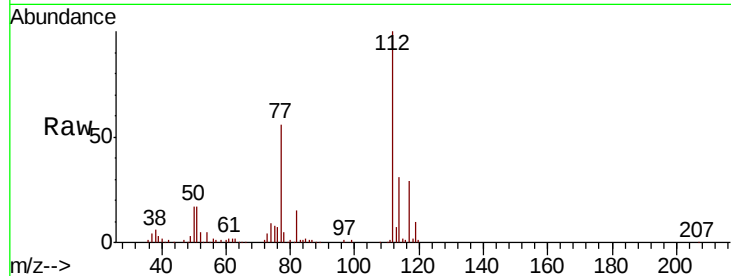




#65
Chlorobenzene
Concen: 19.051 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

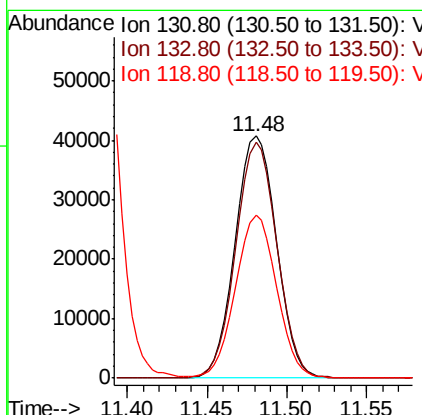
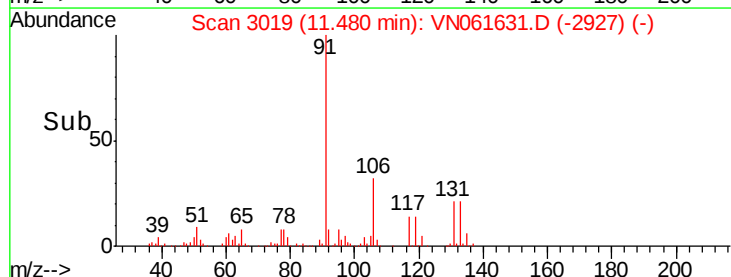
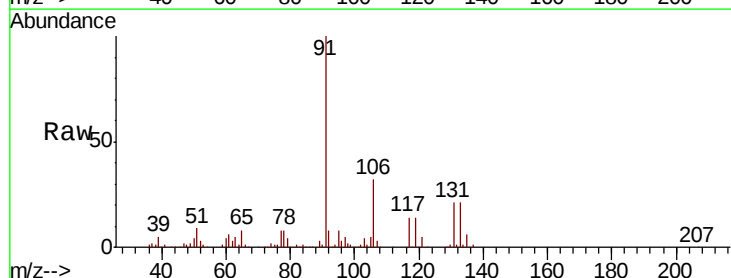
Instrument :
MSVOA_N
ClientSampled :
VN0603MBS01

Tot Ion:112 Resp: 193049
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.112 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion:131 Resp: 72109
Ion Ratio Lower Upper
131 100
133 96.6 47.4 142.2
119 66.8 32.6 97.8





#67

Ethyl Benzene

Concen: 18.876 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

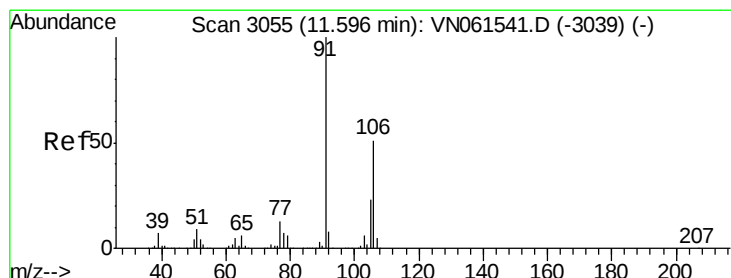
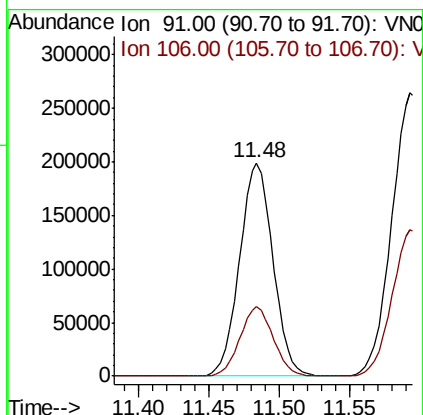
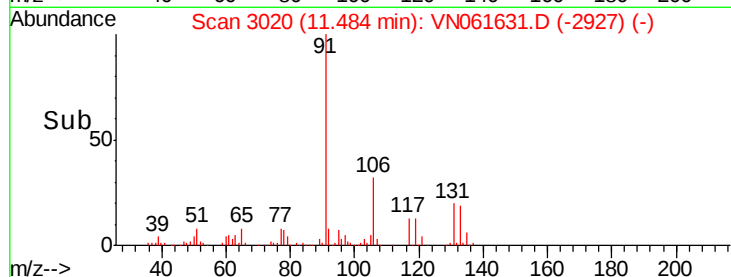
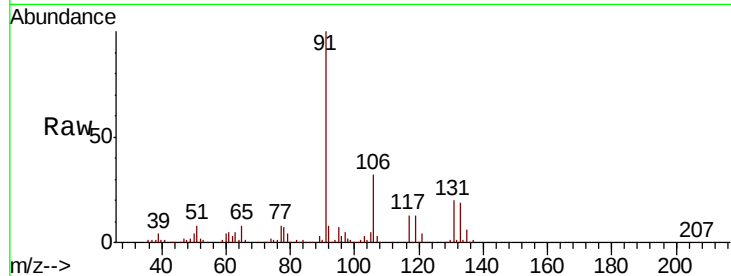
VN0603MBS01

Tot Ion: 91 Resp: 330601

Ion Ratio Lower Upper

91 100

106 32.5 25.6 38.4



#68

m/p-Xylenes

Concen: 37.278 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061631.D

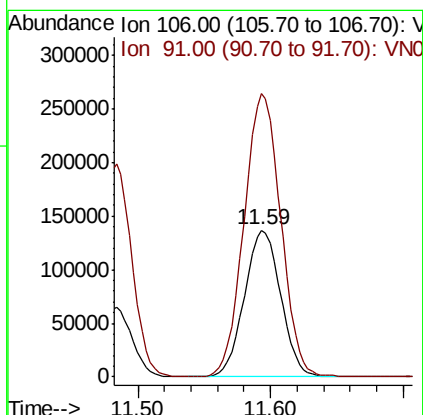
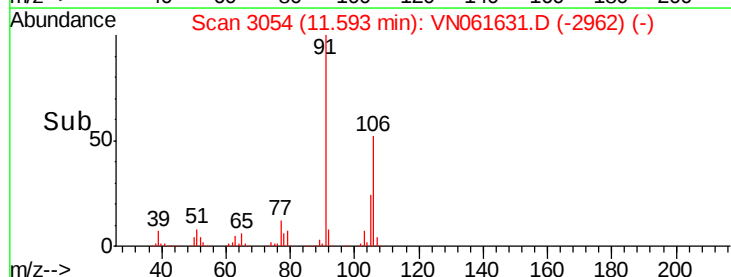
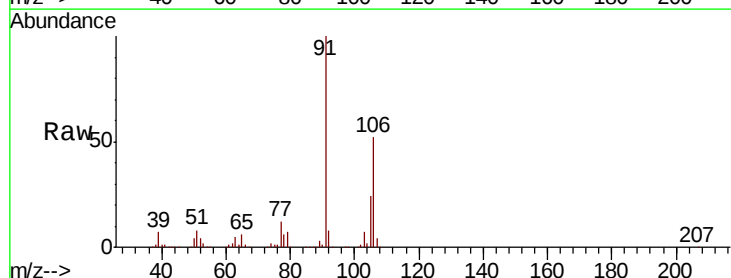
Acq: 3 Jun 2020 12:19

Tgt Ion: 106 Resp: 258874

Ion Ratio Lower Upper

106 100

91 197.0 156.2 234.4

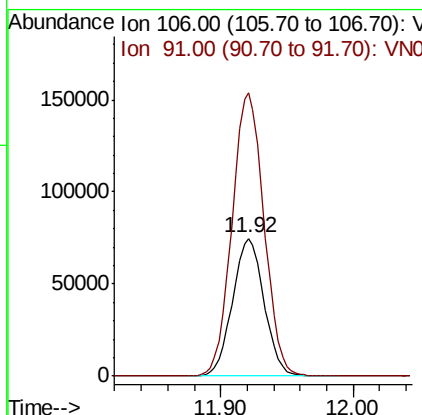
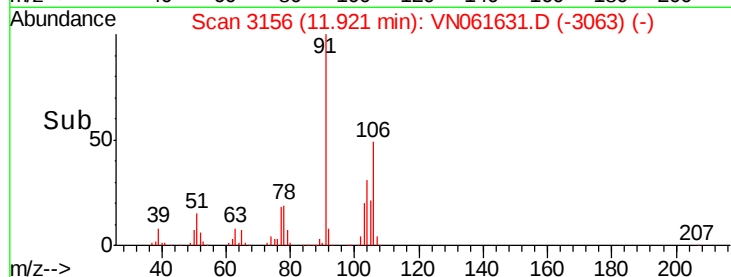
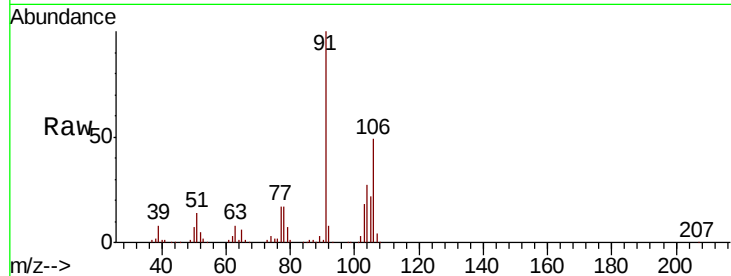




#69
o-Xylene
Concen: 18.686 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

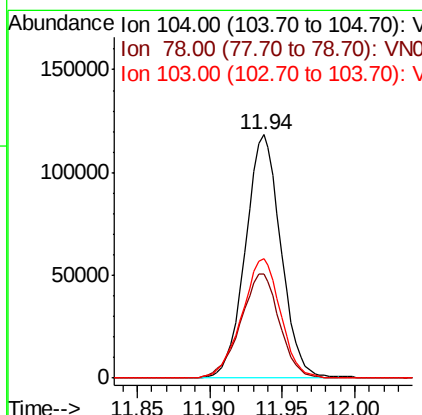
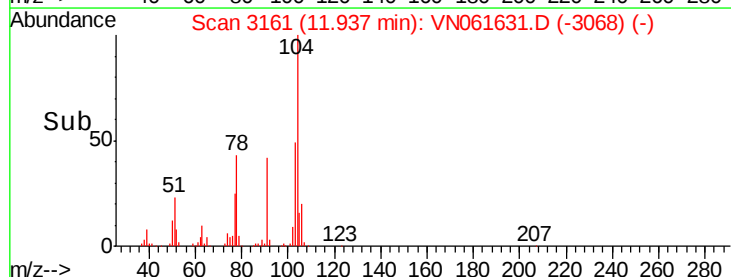
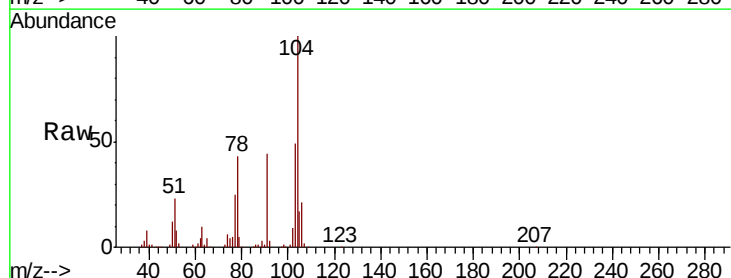
Instrument :
MSVOA_N
ClientSampled :
VN0603MBS01

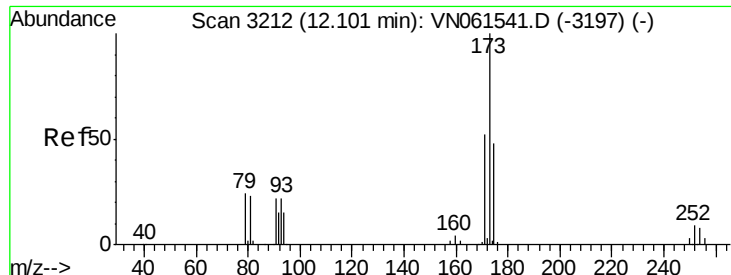
Tot Ion:106 Resp: 123247
Ion Ratio Lower Upper
106 100
91 208.6 103.3 309.8



#70
Styrene
Concen: 18.476 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion:104 Resp: 201809
Ion Ratio Lower Upper
104 100
78 47.2 37.4 56.0
103 53.5 42.3 63.5





#71

Bromoform

Concen: 17.818 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0603MBS01

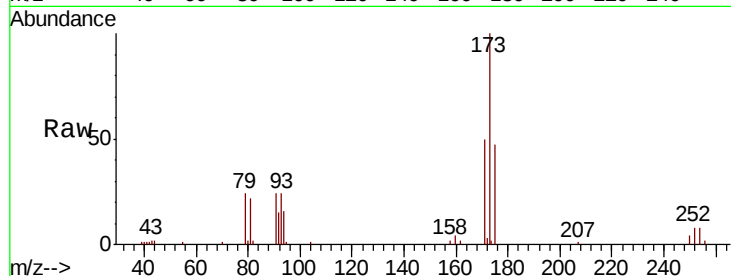
Tot Ion:173 Resp: 51804

Ion Ratio Lower Upper

173 100

175 47.0 24.4 73.2

254 0.0 0.0 0.0

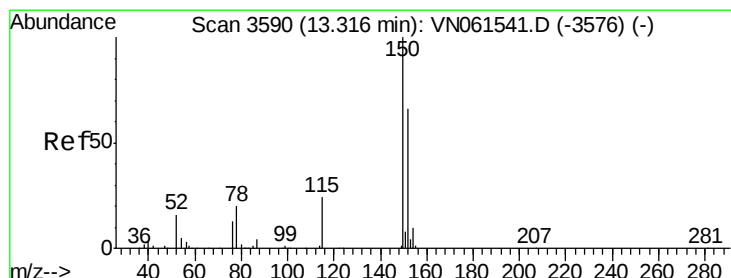
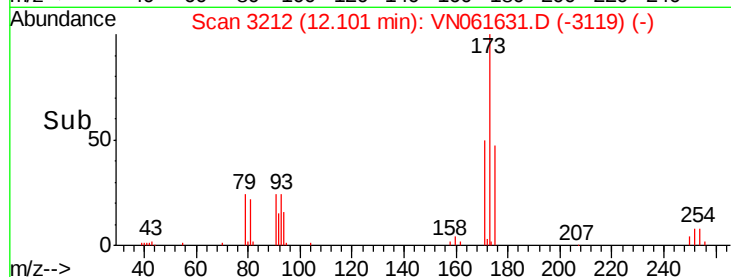
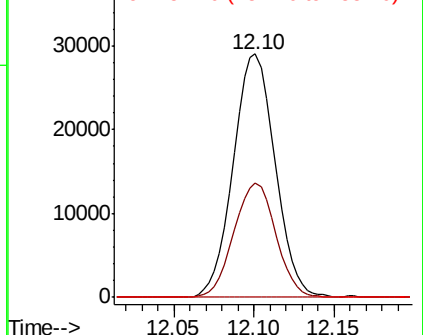


Abundance

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# 3590

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

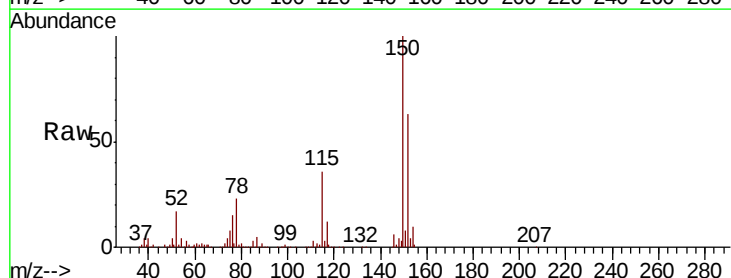
Tgt Ion:152 Resp: 235773

Ion Ratio Lower Upper

152 100

115 57.1 28.0 84.0

150 162.4 0.0 344.0

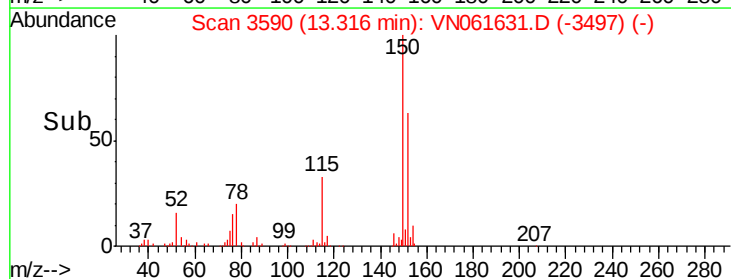
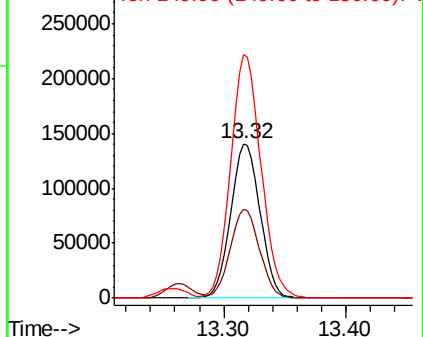


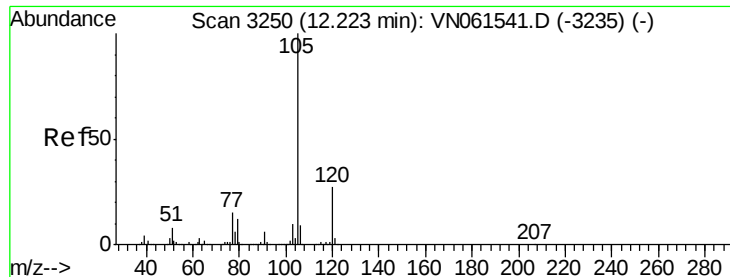
Abundance

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: 19.128 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

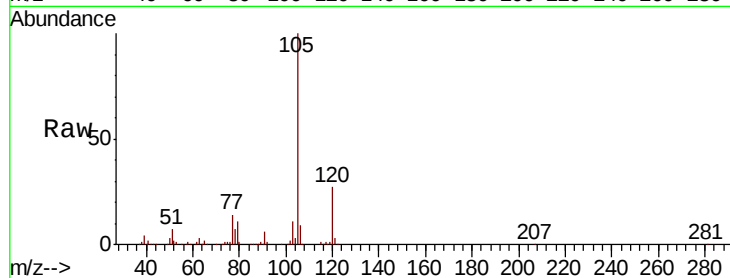
VN0603MBS01

Tot Ion:105 Resp: 329158

Ion Ratio Lower Upper

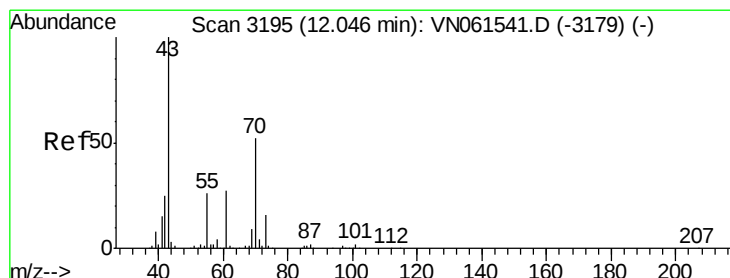
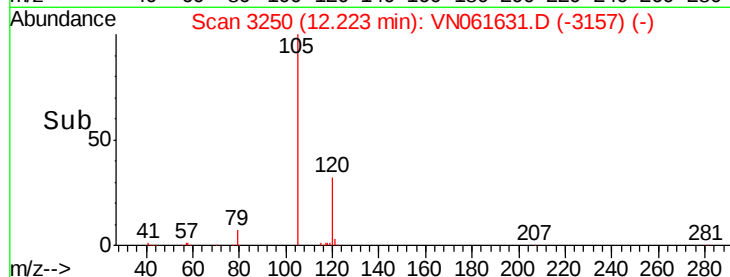
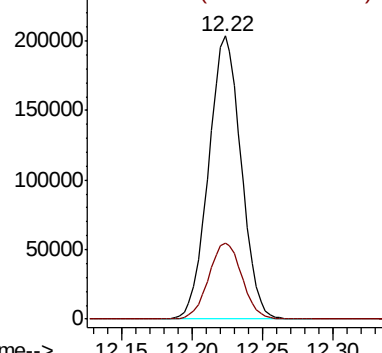
105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.835 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Tgt Ion: 43 Resp: 91234

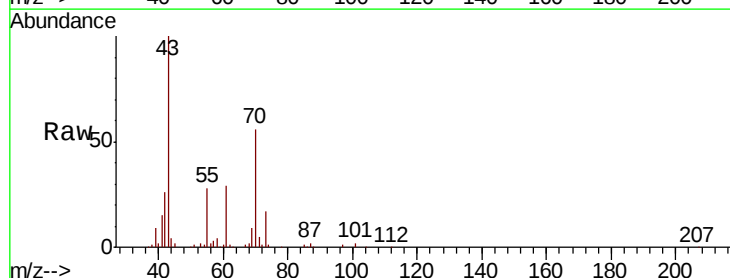
Ion Ratio Lower Upper

43 100

70 53.1 40.5 60.7

55 27.4 20.6 31.0

61 28.0 21.8 32.6

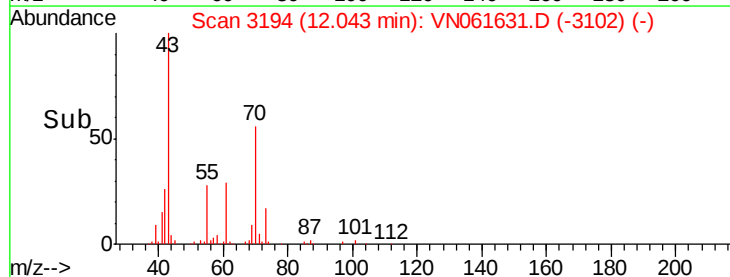
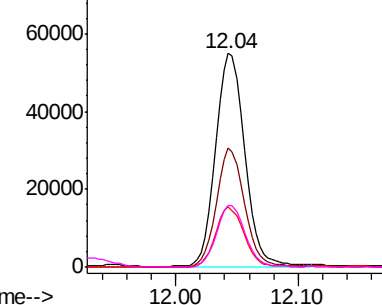


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.589 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0603MBS01

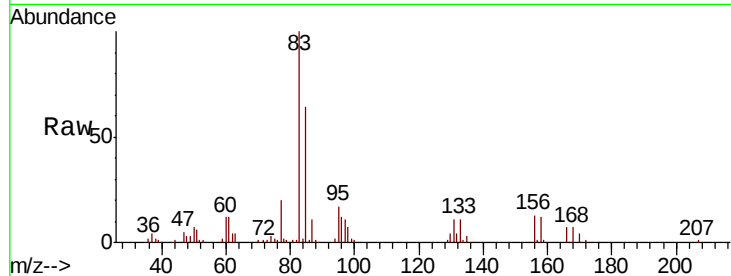
Tot Ion: 83 Resp: 89641

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

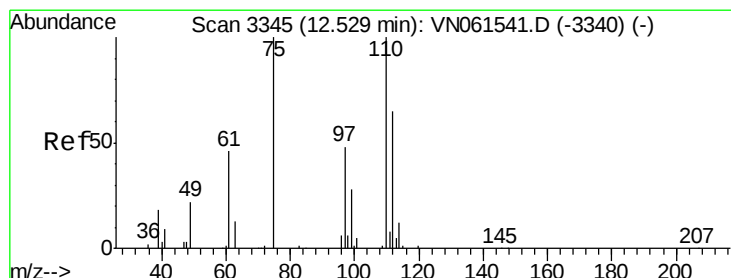
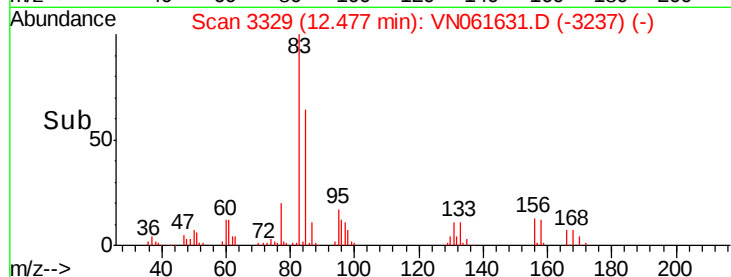
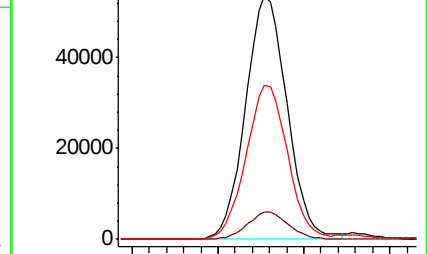
85 63.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 26.624 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061631.D

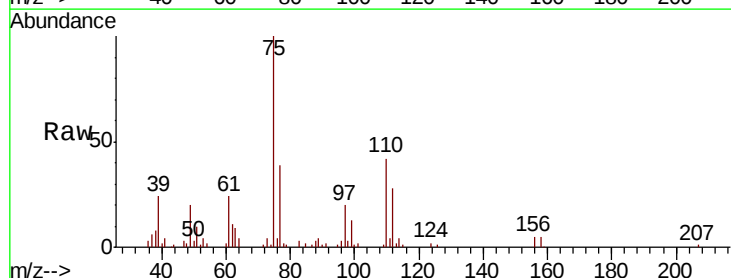
Acq: 3 Jun 2020 12:19

Tgt Ion: 75 Resp: 114144

Ion Ratio Lower Upper

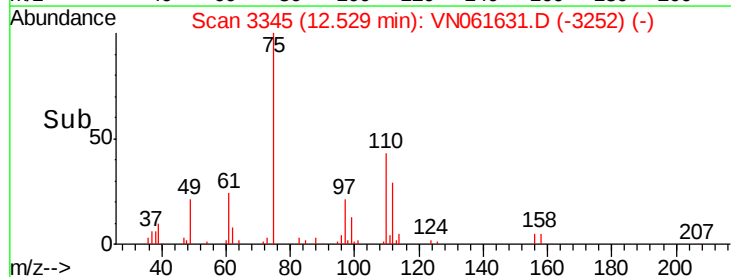
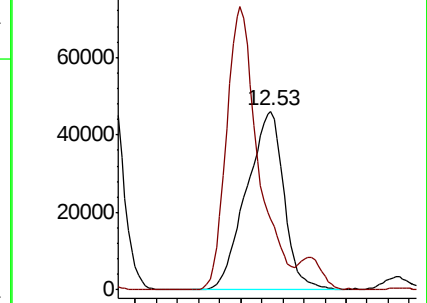
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)





#77

Bromobenzene

Concen: 19.357 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0603MBS01

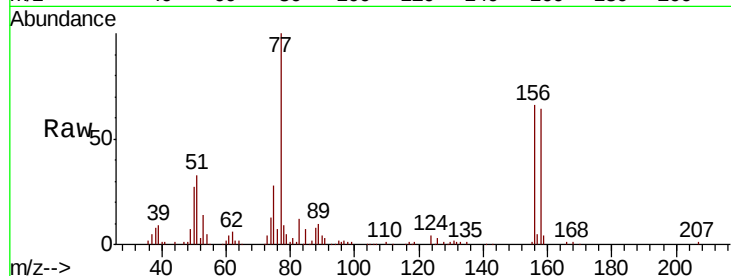
Tot Ion:156 Resp: 85027

Ion Ratio Lower Upper

156 100

77 179.6 90.9 272.7

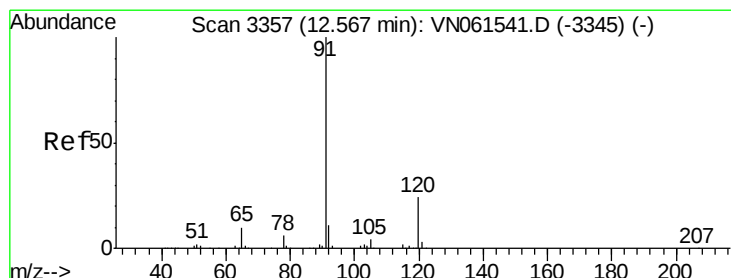
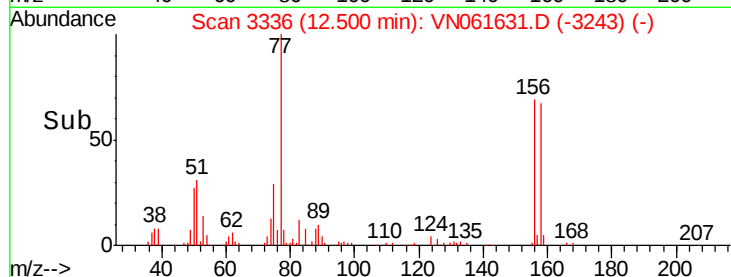
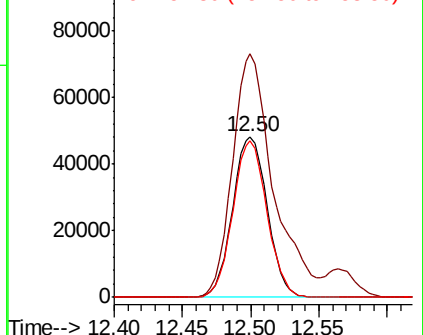
158 96.0 48.4 145.3



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: 18.747 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061631.D

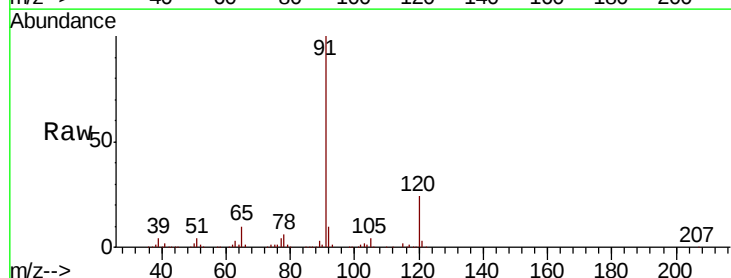
Acq: 3 Jun 2020 12:19

Tgt Ion: 91 Resp: 360146

Ion Ratio Lower Upper

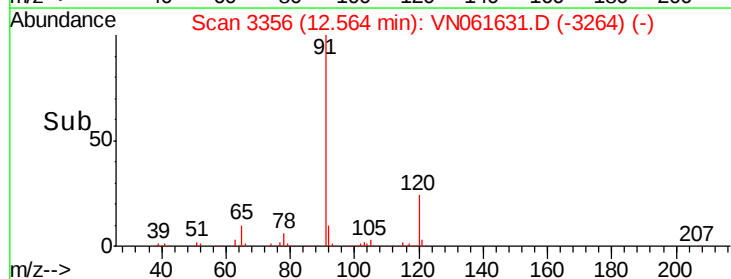
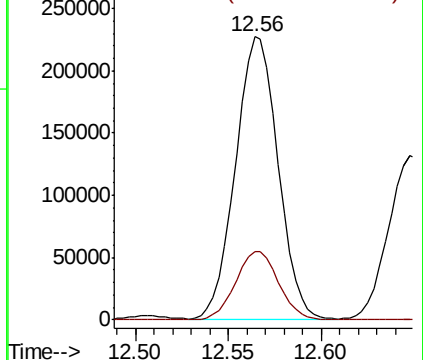
91 100

120 24.6 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: 19.024 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampled :

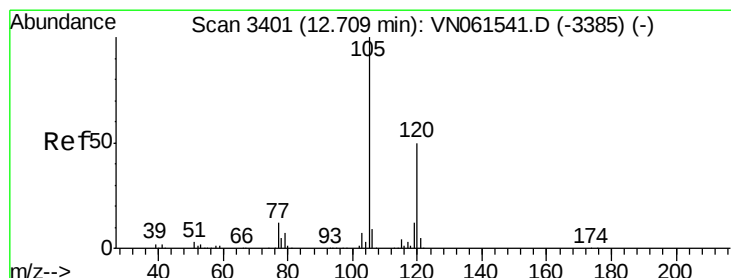
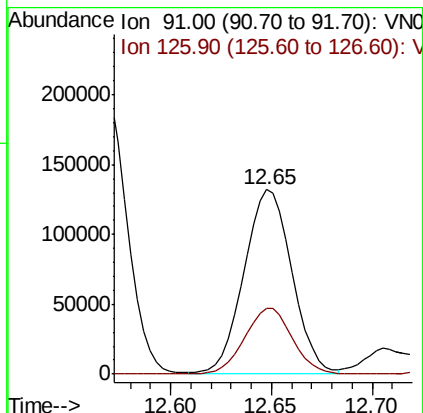
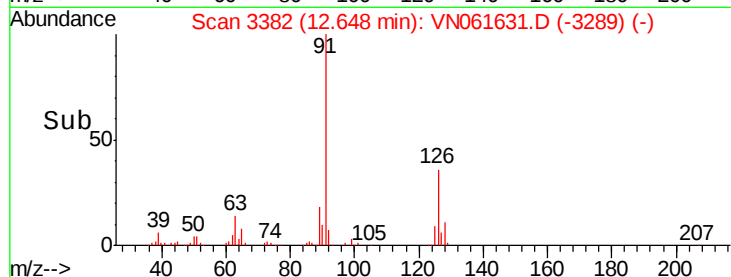
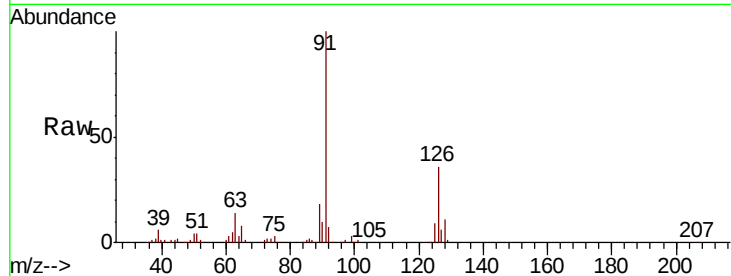
VN0603MBS01

Tot Ion: 91 Resp: 217924

Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 18.975 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061631.D

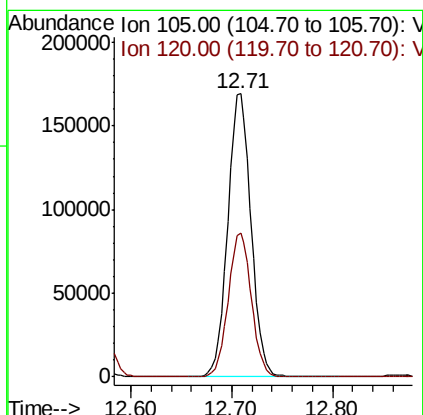
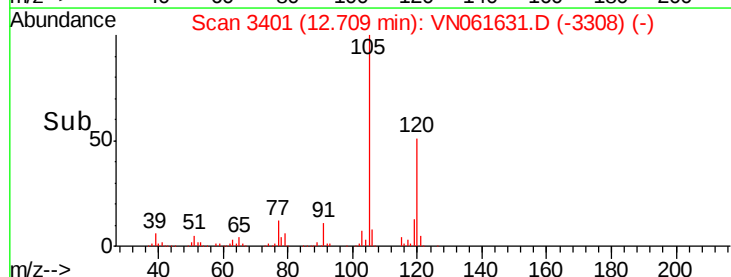
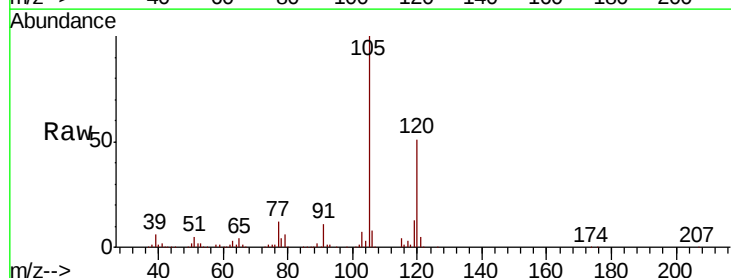
Acq: 3 Jun 2020 12:19

Tgt Ion: 105 Resp: 272924

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.592 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0603MBS01

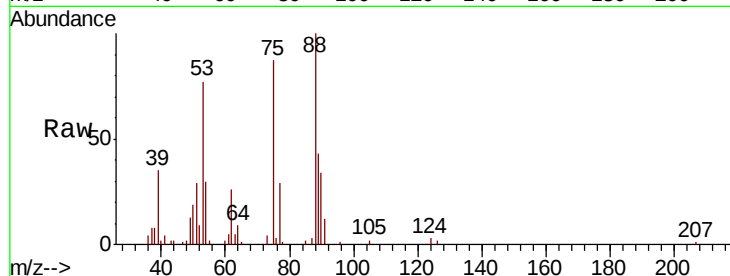
Tot Ion: 75 Resp: 27817

Ion Ratio Lower Upper

75 100

53 90.7 67.8 101.8

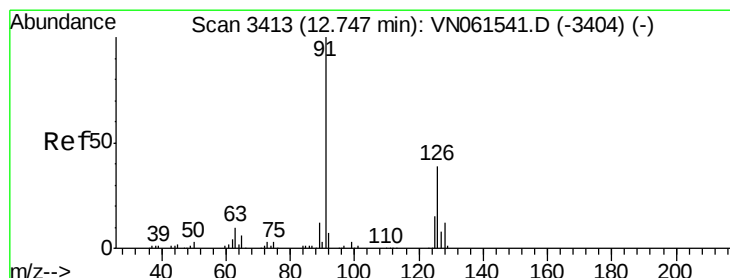
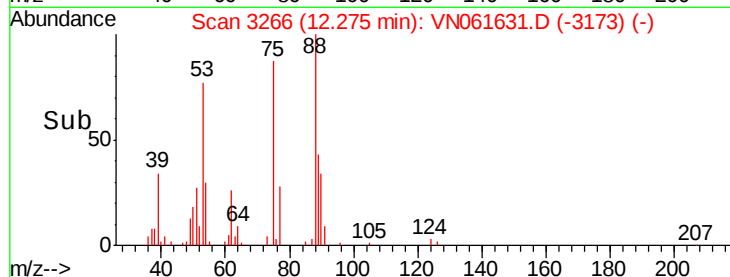
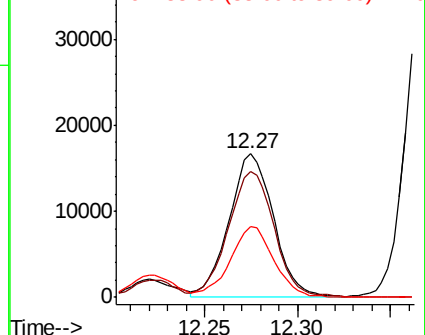
89 48.7 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.457 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061631.D

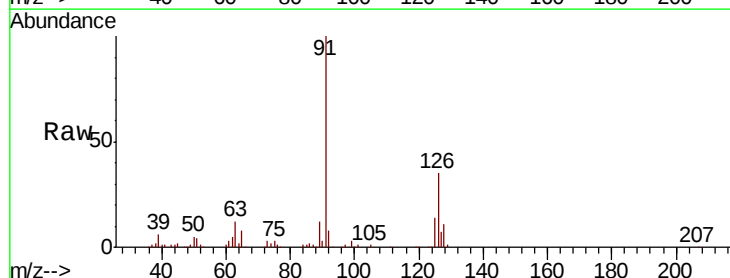
Acq: 3 Jun 2020 12:19

Tgt Ion: 91 Resp: 222429

Ion Ratio Lower Upper

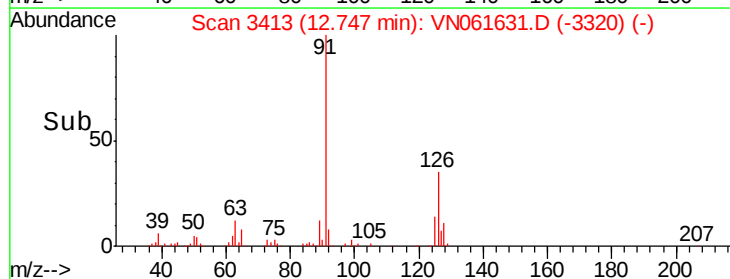
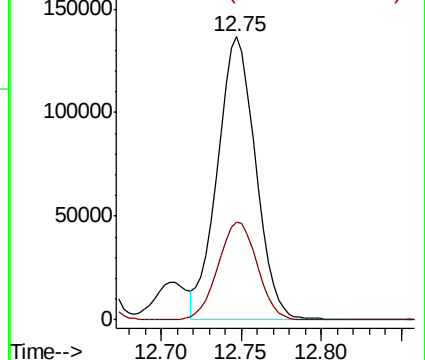
91 100

126 35.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

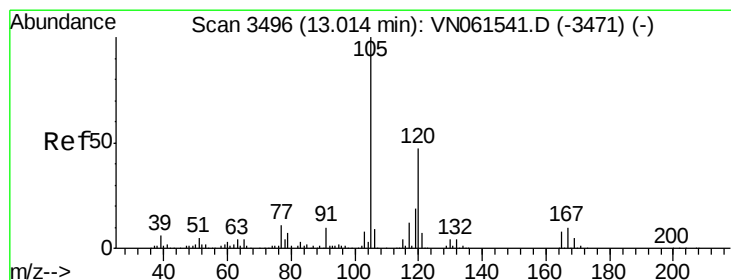
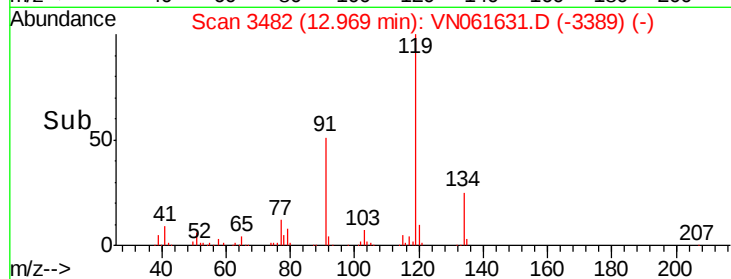
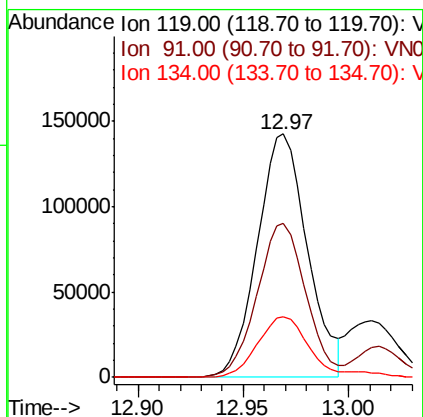
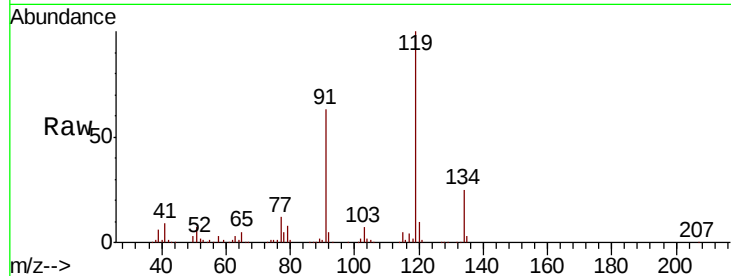




#83
tert-Butylbenzene
Concen: 18.511 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

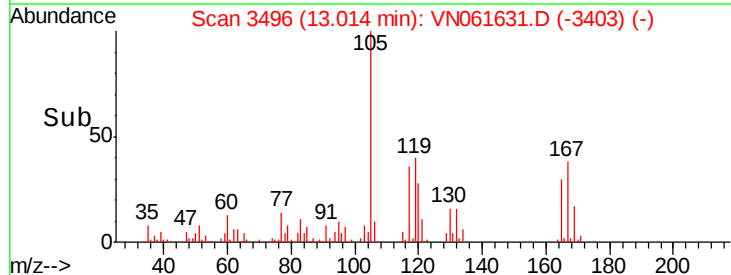
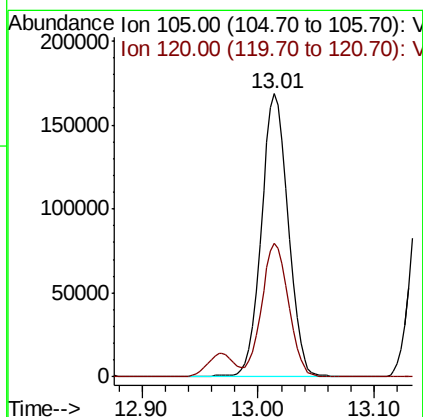
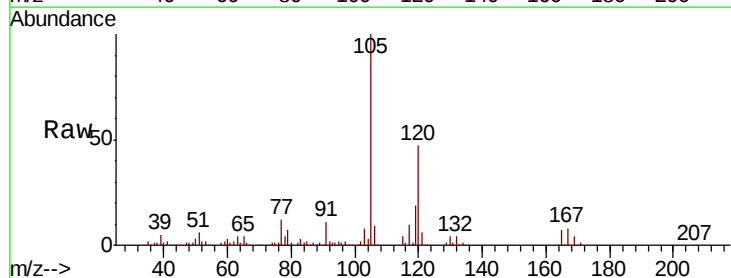
Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

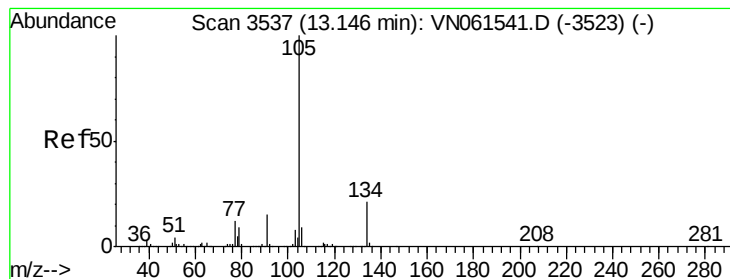
Tot Ion:119 Resp: 235236
Ion Ratio Lower Upper
119 100
91 61.6 31.3 93.8
134 26.3 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 19.015 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion:105 Resp: 271699
Ion Ratio Lower Upper
105 100
120 47.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 18.261 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

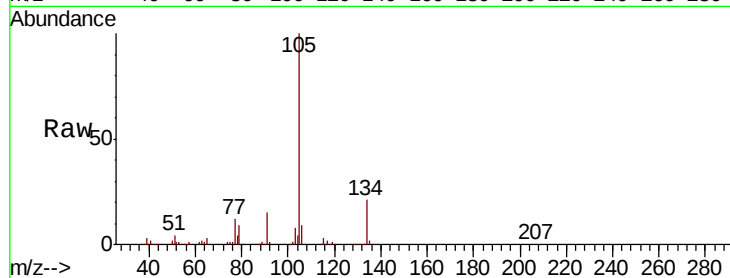
VN0603MBS01

Tot Ion:105 Resp: 299023

Ion Ratio Lower Upper

105 100

134 20.5 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

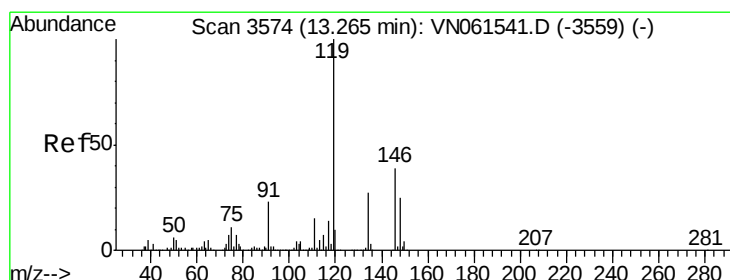
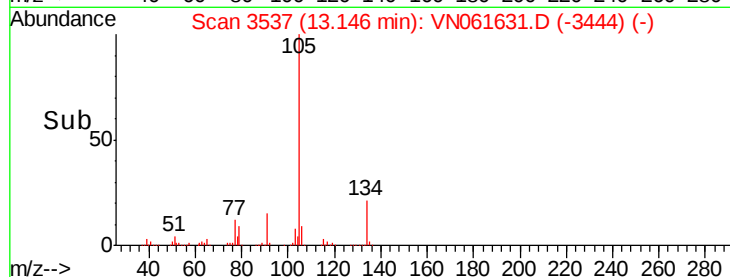
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.273 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061631.D

Acq: 3 Jun 2020 12:19

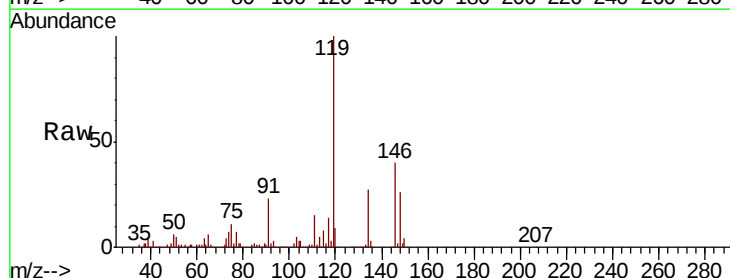
Tgt Ion:119 Resp: 275560

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.9 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

13.26

200000

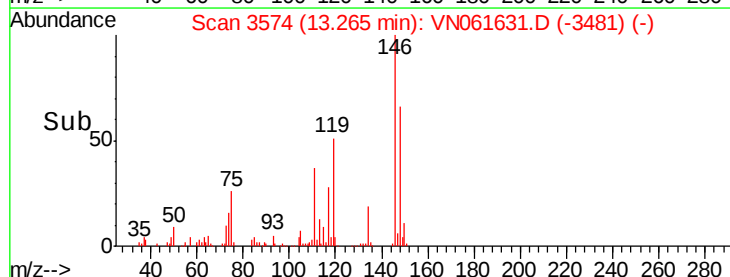
150000

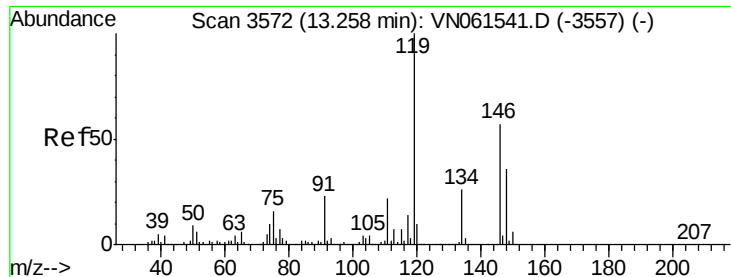
100000

50000

0

Time-->

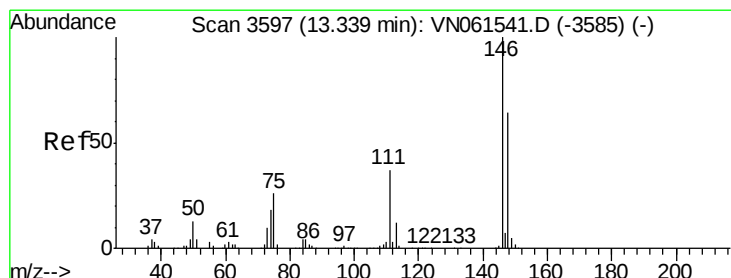
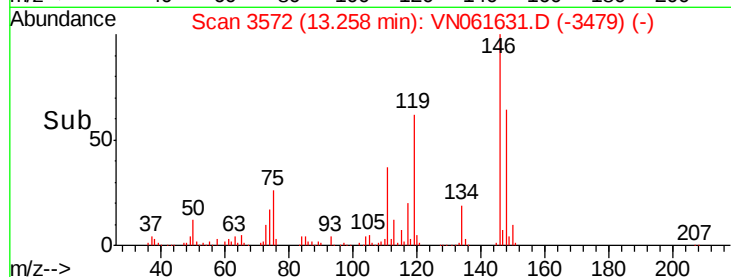
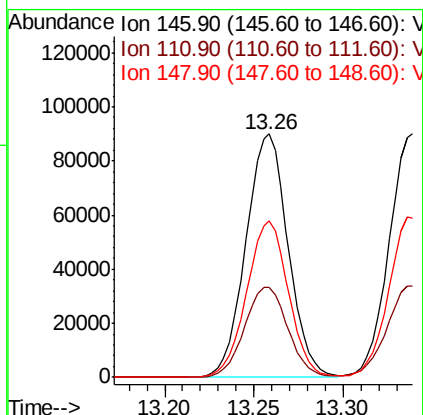
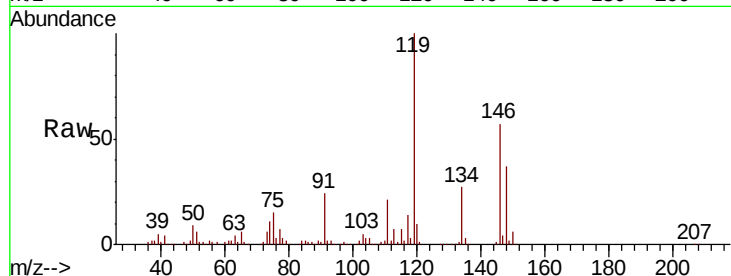




#87
 1,3-Dichlorobenzene
 Concen: 19.106 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

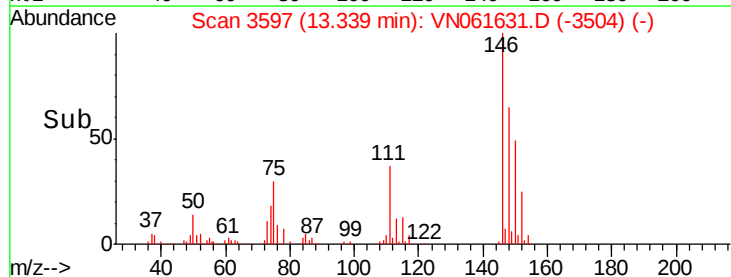
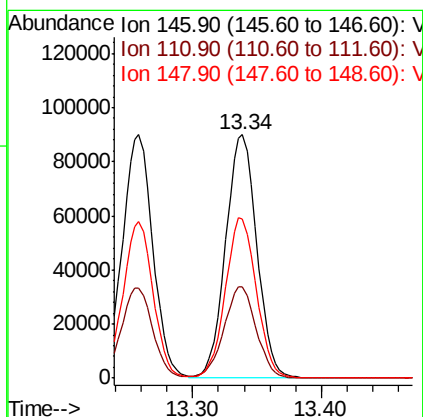
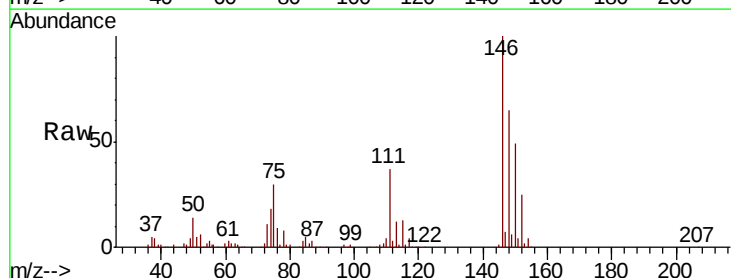
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

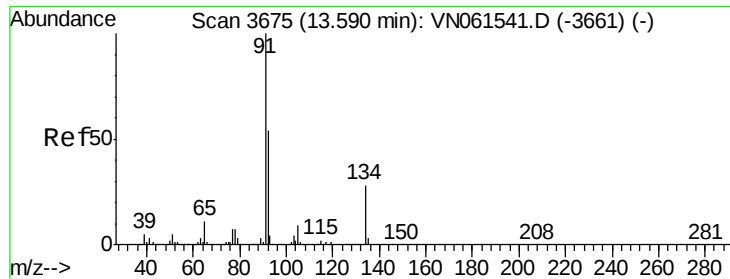
Tot Ion:146 Resp: 148614
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.2 57.6
 148 63.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.040 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion:146 Resp: 150871
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.9
 148 65.4 31.8 95.3

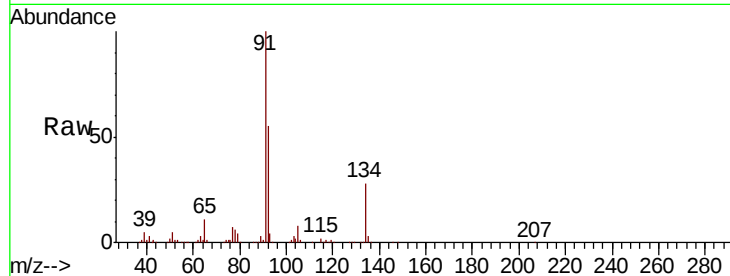




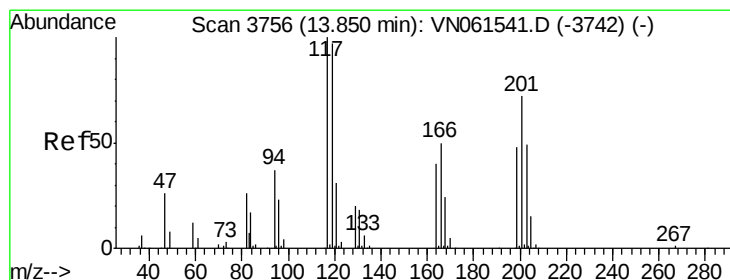
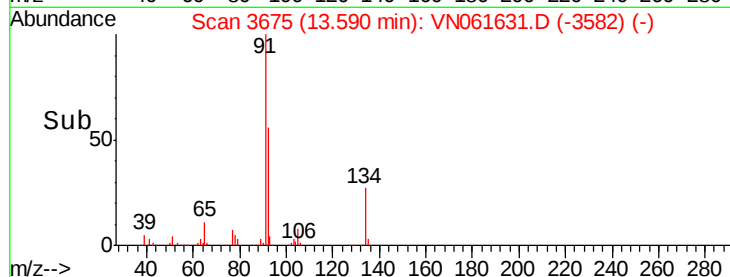
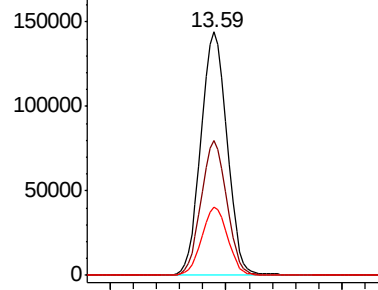
#89
n-Butylbenzene
Concen: 17.779 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

Tot Ion: 91 Resp: 224569
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 27.6 14.0 42.0

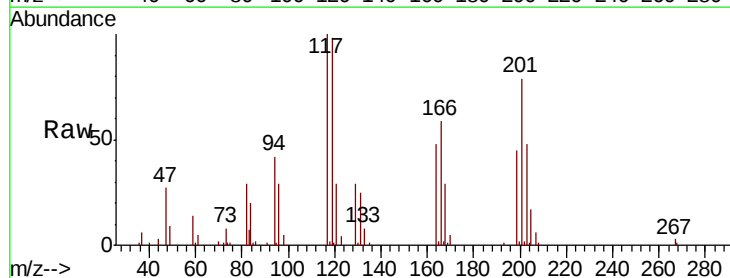


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)
Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)
Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)

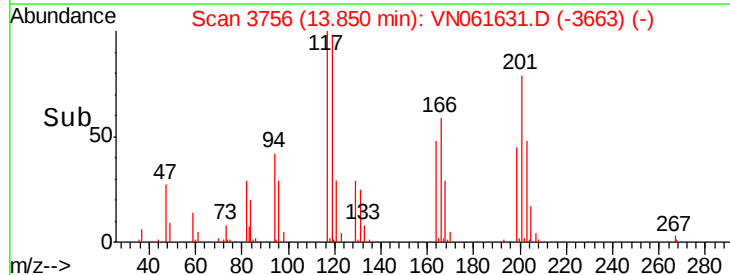
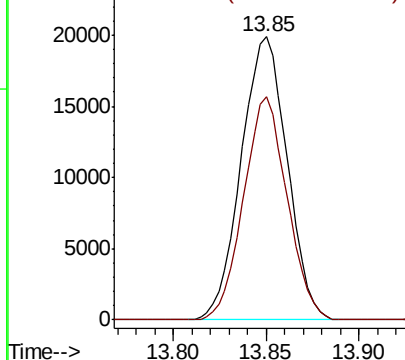


#90
Hexachloroethane
Concen: 20.504 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion: 117 Resp: 34195
Ion Ratio Lower Upper
117 100
201 74.8 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) (-)

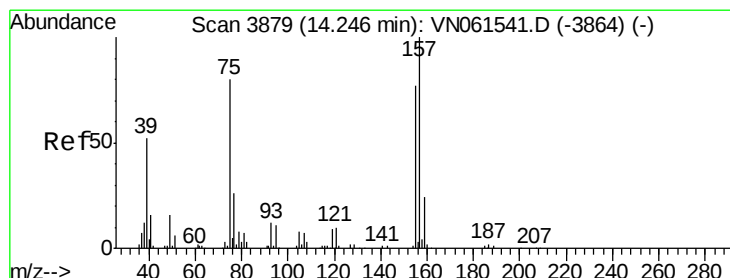
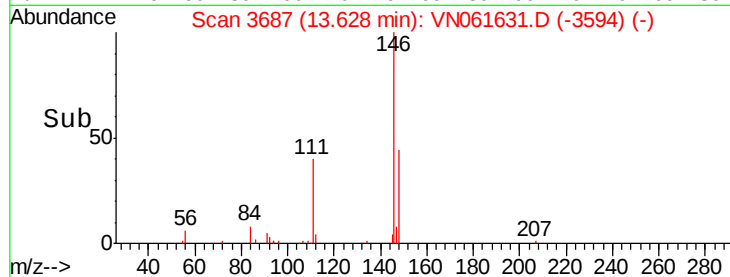
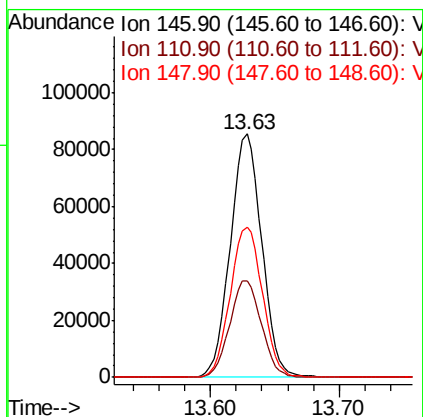
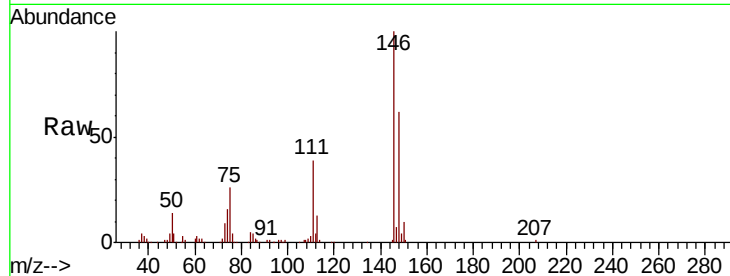




#91
 1,2-Dichlorobenzene
 Concen: 19.520 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

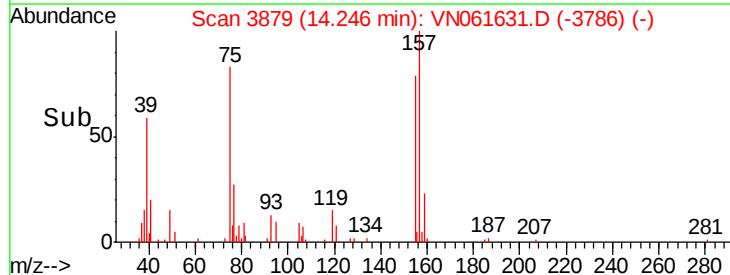
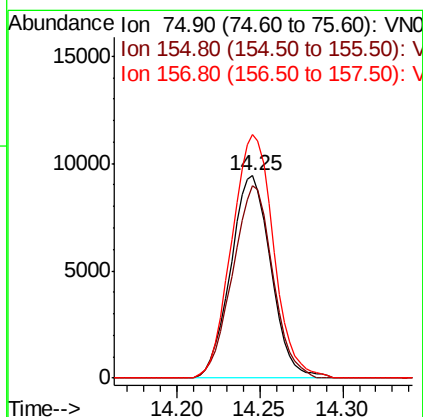
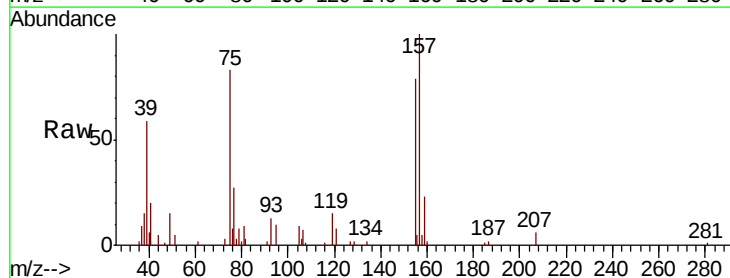
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	63.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.249 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	47.1	141.4
157	124.8	60.3	180.8

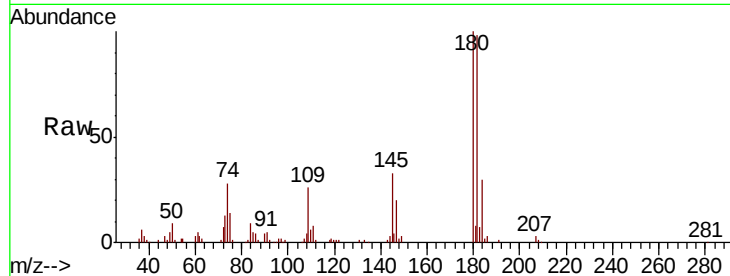




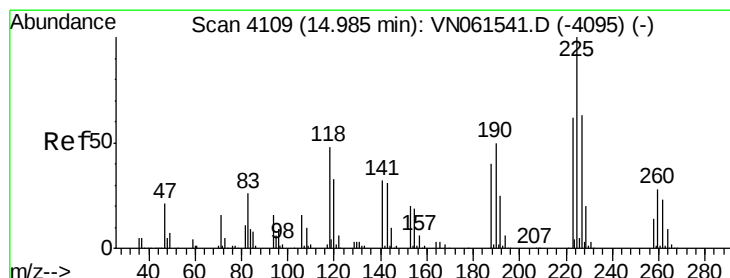
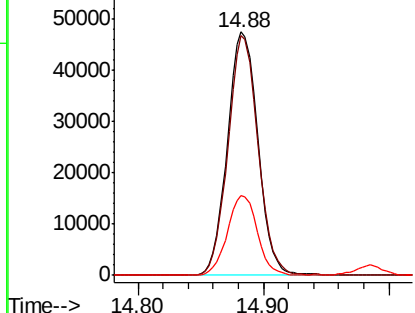
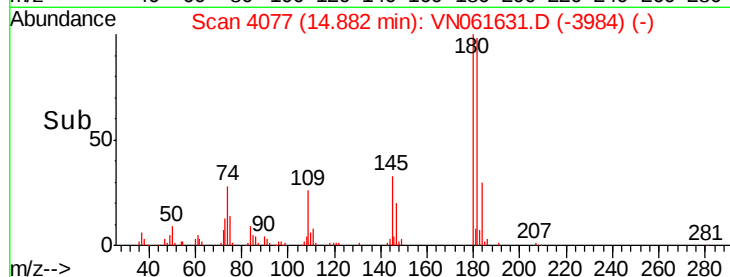
#93
 1,2,4-Trichlorobenzene
 Concen: 18.440 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603MBS01

Tot Ion:180 Resp: 80167
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.8 143.3
 145 31.9 15.5 46.5

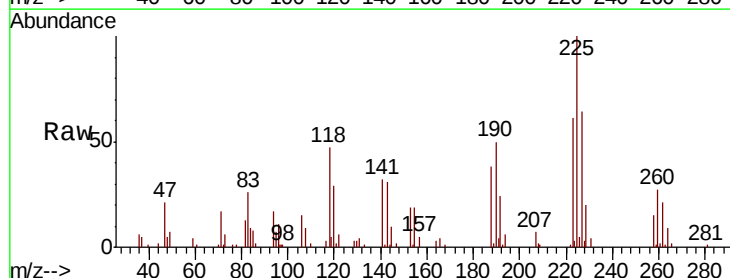


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

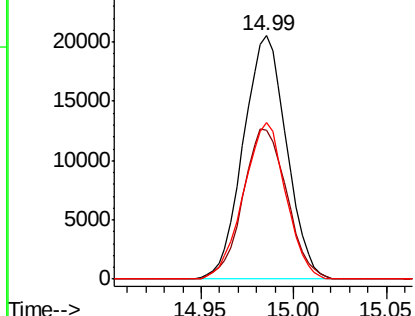
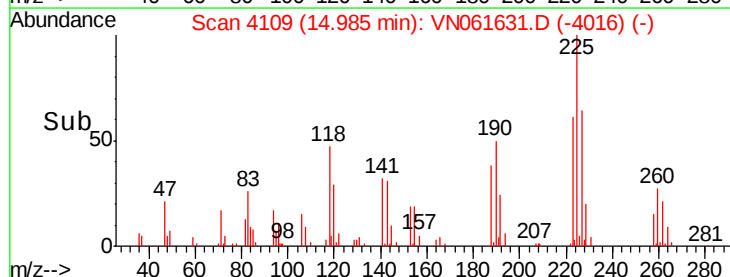


#94
 Hexachlorobutadiene
 Concen: 17.928 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061631.D
 Acq: 3 Jun 2020 12:19

Tgt Ion:225 Resp: 33241
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.5
 227 62.7 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

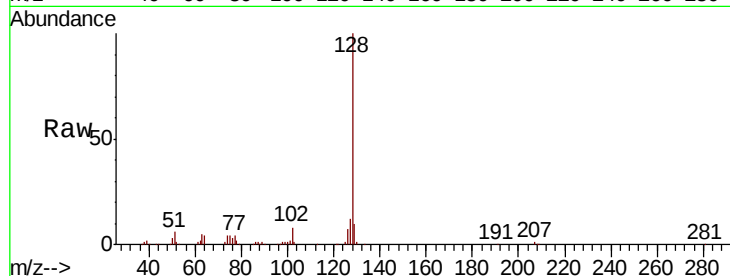




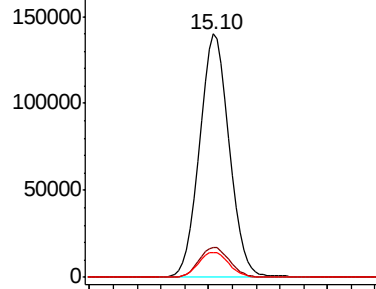
#95
Naphthalene
Concen: 18.352 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0603MBS01

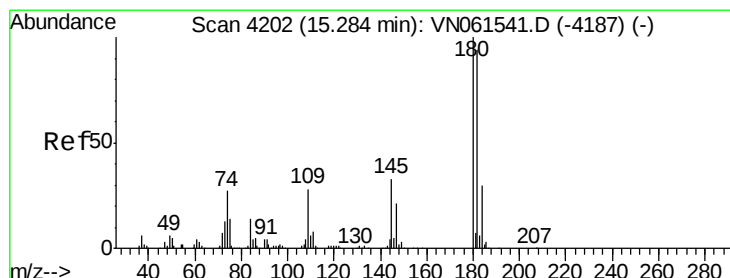
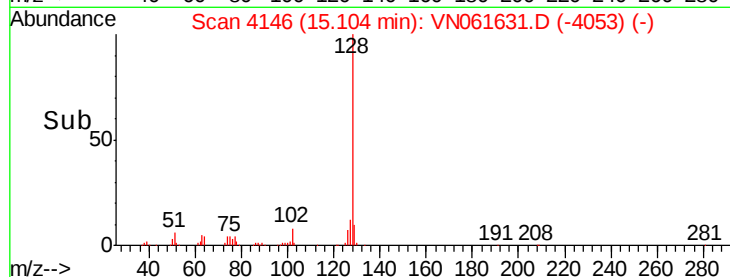
Tot Ion:128 Resp: 242833
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.6 8.5 12.7



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

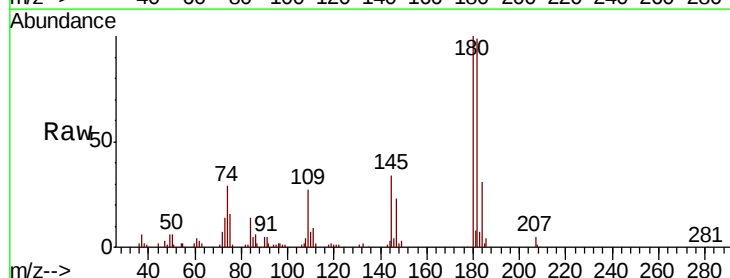


Time--> 15.00 15.10 15.20

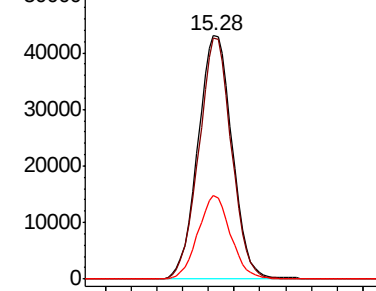


#96
1,2,3-Trichlorobenzene
Concen: 18.515 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061631.D
Acq: 3 Jun 2020 12:19

Tgt Ion:180 Resp: 79141
Ion Ratio Lower Upper
180 100
182 94.4 47.1 141.3
145 32.7 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time--> 15.20 15.30

