

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061314.D
 Acq On : 6 May 2020 16:59
 Operator : JC/MD
 Sample : VN0506WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 03:11:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	103100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	179238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	163689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	75468	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	83919	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	7.55	113	48793	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
50) Toluene-d8	10.06	98	213216	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.38	95	79278	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	18692	17.097	ug/l	96
3) Chloromethane	2.03	50	25189	19.023	ug/l	97
4) Vinyl Chloride	2.16	62	28160	18.724	ug/l	98
5) Bromomethane	2.54	94	11959	16.087	ug/l	98
6) Chloroethane	2.67	64	17272	18.119	ug/l	97
7) Trichlorofluoromethane	2.98	101	36002	21.218	ug/l	99
8) Diethyl Ether	3.37	74	13765	19.449	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	20744	18.977	ug/l	97
10) Methyl Iodide	3.91	142	20705	14.739	ug/l	98
11) Tert butyl alcohol	4.72	59	21129	96.686	ug/l	98
12) 1,1-Dichloroethene	3.69	96	19562	17.983	ug/l	95
13) Acrolein	3.56	56	18030	123.806	ug/l	97
14) Allyl chloride	4.27	41	41353	20.503	ug/l	98
15) Acrylonitrile	4.93	53	64477	96.114	ug/l	98
16) Acetone	3.77	43	64546	98.966	ug/l	100
17) Carbon Disulfide	4.01	76	41959	13.964	ug/l	100
18) Methyl Acetate	4.27	43	35548	17.707	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	75719	18.217	ug/l	98
20) Methylene Chloride	4.50	84	22655	17.810	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	20986	17.717	ug/l	98
22) Diisopropyl ether	5.91	45	86132	18.415	ug/l	98
23) Vinyl Acetate	5.84	43	346998	92.141	ug/l	100
24) 1,1-Dichloroethane	5.80	63	44444	18.187	ug/l	99
25) 2-Butanone	6.78	43	93349	96.702	ug/l	98
26) 2,2-Dichloropropane	6.77	77	39777	19.325	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	24405	17.557	ug/l	98
28) Bromochloromethane	7.15	49	23722	20.481	ug/l #	97
29) Tetrahydrofuran	7.17	42	61452	94.503	ug/l	98
30) Chloroform	7.33	83	43595	17.604	ug/l	98
31) Cyclohexane	7.61	56	38975	16.423	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	38210	17.719	ug/l	99
36) 1,1-Dichloropropene	7.75	75	31464	17.536	ug/l	99
37) Ethyl Acetate	6.88	43	38738	18.416	ug/l	100
38) Carbon Tetrachloride	7.73	117	28149	18.695	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061314.D
 Acq On : 6 May 2020 16:59
 Operator : JC/MD
 Sample : VN0506WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 03:11:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	30949	15.381	ug/l	99
40) Benzene	8.00	78	93069	17.411	ug/l	99
41) Methacrylonitrile	7.17	41	56634	64.847	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	37658	18.596	ug/l	99
43) Isopropyl Acetate	8.13	43	64529	18.485	ug/l	99
44) Trichloroethene	8.80	130	22989	15.909	ug/l	96
45) 1,2-Dichloropropane	9.08	63	25614	17.936	ug/l	99
46) Dibromomethane	9.17	93	16044	18.144	ug/l	99
47) Bromodichloromethane	9.37	83	34387	18.118	ug/l	97
48) Methyl methacrylate	9.17	41	29092	18.468	ug/l	96
49) 1,4-Dioxane	9.17	88	5490	307.021	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	194484	94.648	ug/l	99
52) Toluene	10.12	92	65883	20.462	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	38141	17.835	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	40012	17.697	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	23391	18.213	ug/l	97
56) Ethyl methacrylate	10.40	69	35276	17.630	ug/l	98
57) 1,3-Dichloropropane	10.68	76	41216	18.258	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	88493	85.126	ug/l	100
59) 2-Hexanone	10.72	43	142031	95.009	ug/l	99
60) Dibromochloromethane	10.87	129	24220	18.006	ug/l	97
61) 1,2-Dibromoethane	10.98	107	23149	17.984	ug/l	100
64) Tetrachloroethene	10.60	164	21798	15.375	ug/l	95
65) Chlorobenzene	11.41	112	57822	17.808	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	21775	18.737	ug/l	99
67) Ethyl Benzene	11.48	91	108310	17.819	ug/l	100
68) m/p-Xylenes	11.60	106	79186	35.591	ug/l	98
69) o-Xylene	11.92	106	37227	17.419	ug/l	97
70) Styrene	11.94	104	62662	17.518	ug/l	98
71) Bromoform	12.10	173	15380	18.007	ug/l #	95
73) Isopropylbenzene	12.22	105	101992	18.384	ug/l	100
74) N-amyl acetate	12.05	43	51806	18.440	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	33664	19.460	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	46414	29.172	ug/l #	100
77) Bromobenzene	12.50	156	23515	18.361	ug/l	96
78) n-propylbenzene	12.57	91	119586	18.173	ug/l	99
79) 2-Chlorotoluene	12.65	91	71037	18.366	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	84094	18.314	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	11898	18.990	ug/l	96
82) 4-Chlorotoluene	12.75	91	76126	18.674	ug/l	97
83) tert-Butylbenzene	12.97	119	67756	17.499	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	84410	17.842	ug/l	99
85) sec-Butylbenzene	13.15	105	90820	17.204	ug/l	99
86) p-Isopropyltoluene	13.26	119	80816	16.992	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	42792	18.150	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	42934	17.822	ug/l	98
89) n-Butylbenzene	13.59	91	72042	16.523	ug/l	98
90) Hexachloroethane	13.85	117	10215	25.076	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	41248	18.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7096	19.422	ug/l	98

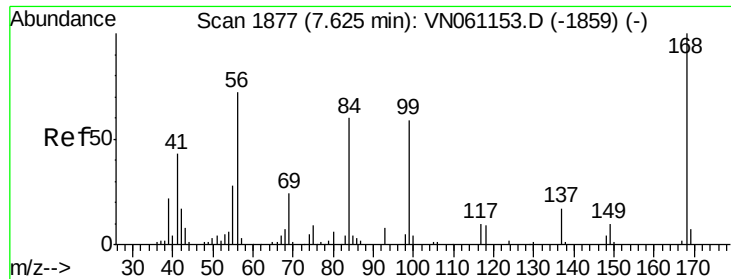
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
Data File : VN061314.D
Acq On : 6 May 2020 16:59
Operator : JC/MD
Sample : VN0506WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 07 03:11:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	22344	16.231	ug/l	98
94) Hexachlorobutadiene	14.99	225	9497	16.513	ug/l	96
95) Naphthalene	15.11	128	76333	17.026	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	23197	17.067	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

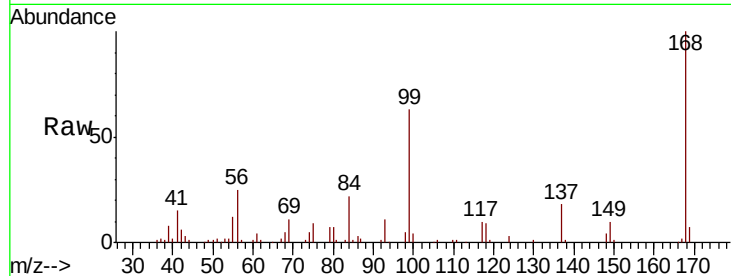
ClientSampleId :

Tot Ion:168 Resp: 103100

Ion Ratio Lower Upper

168 100

99 62.9 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

40000

30000

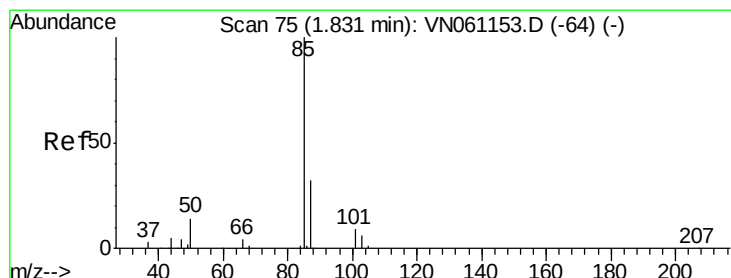
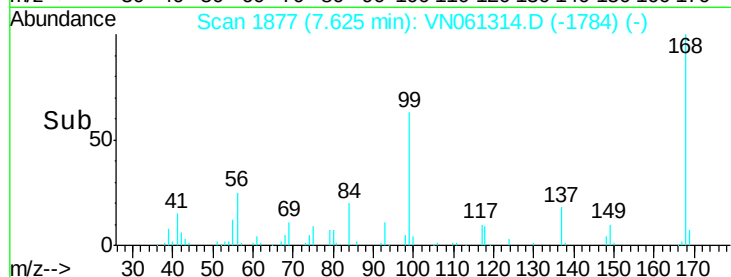
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.097 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061314.D

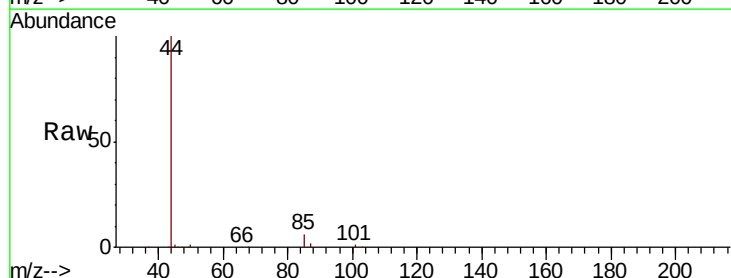
Acq: 6 May 2020 16:59

Tgt Ion: 85 Resp: 18692

Ion Ratio Lower Upper

85 100

87 29.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

15000

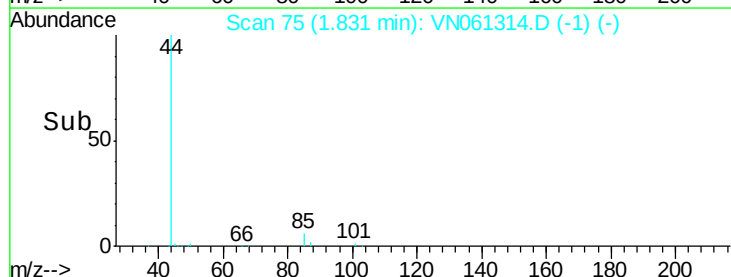
10000

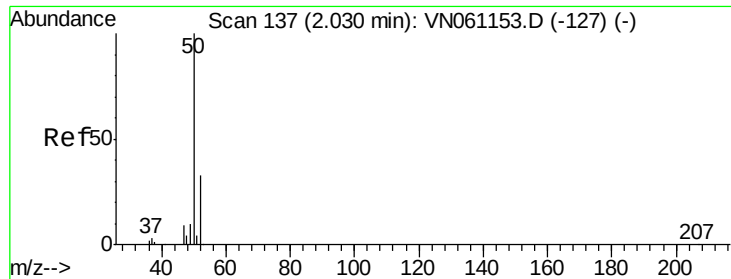
5000

0

1.80 1.85

Time-->

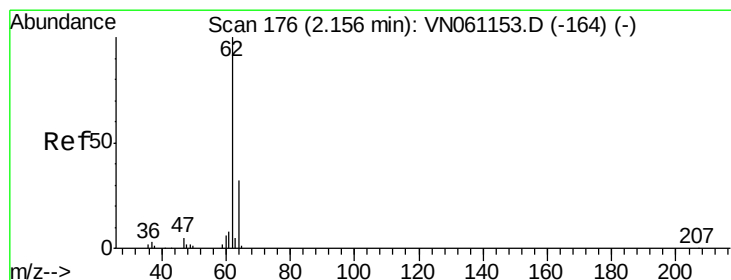
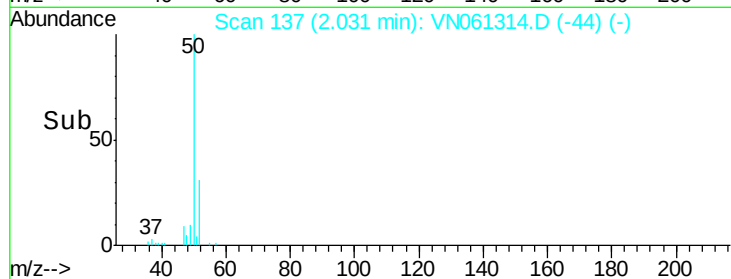
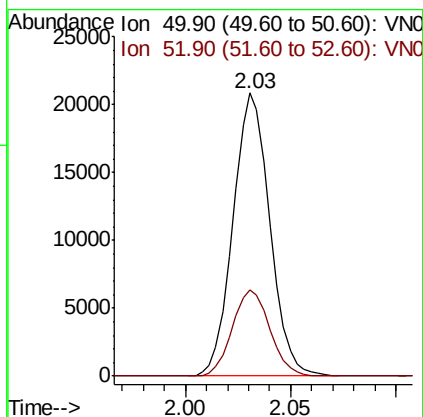
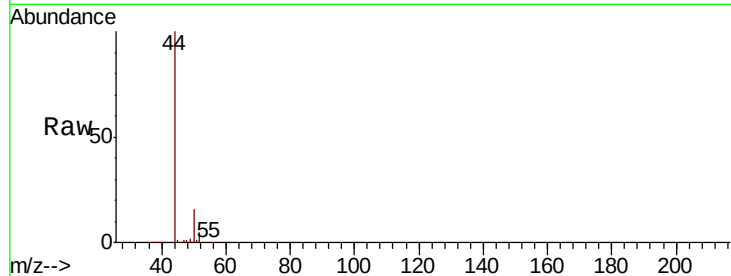




#3
Chloromethane
Concen: 19.023 ug/l
RT: 2.03 min Scan# 137
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

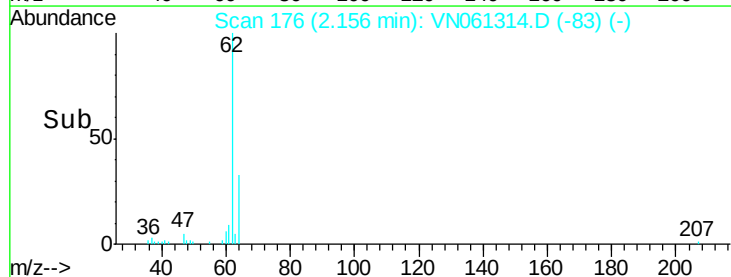
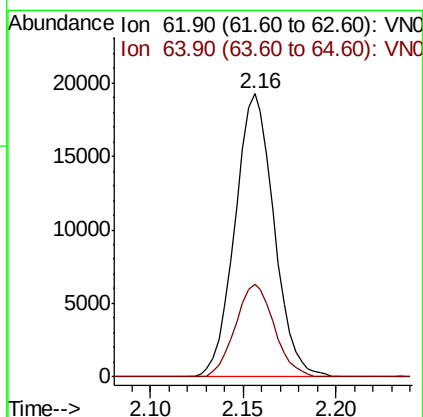
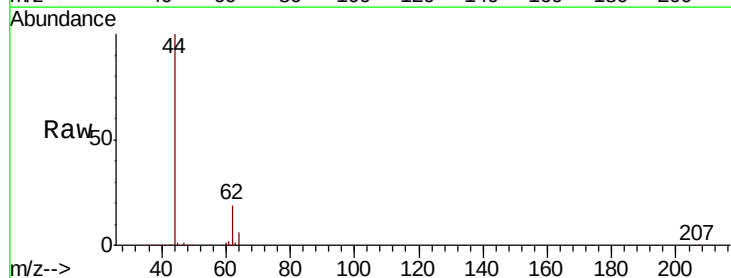
Instrument :
MSVOA_N
ClientSampleId :

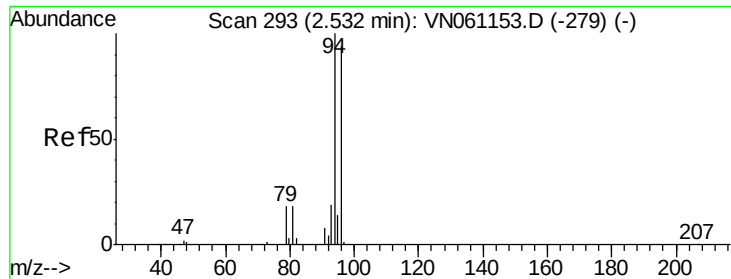
Tot Ion: 50 Resp: 25189
Ion Ratio Lower Upper
50 100
52 30.6 26.0 39.0



#4
Vinyl Chloride
Concen: 18.724 ug/l
RT: 2.16 min Scan# 176
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 62 Resp: 28160
Ion Ratio Lower Upper
62 100
64 32.8 25.2 37.8





#5

Bromomethane

Concen: 16.087 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

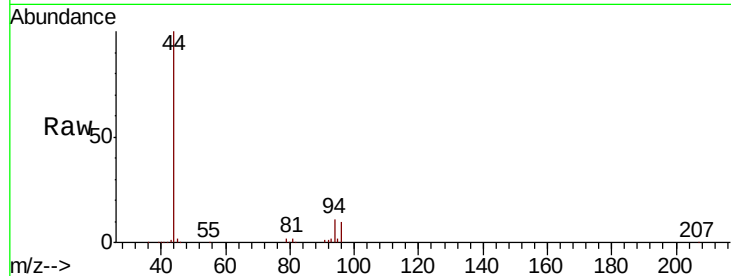
ClientSampled :

Tot Ion: 94 Resp: 11959

Ion Ratio Lower Upper

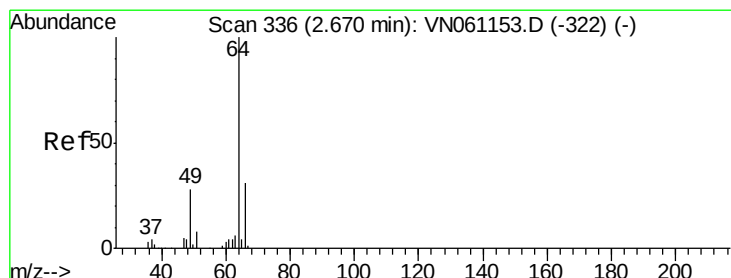
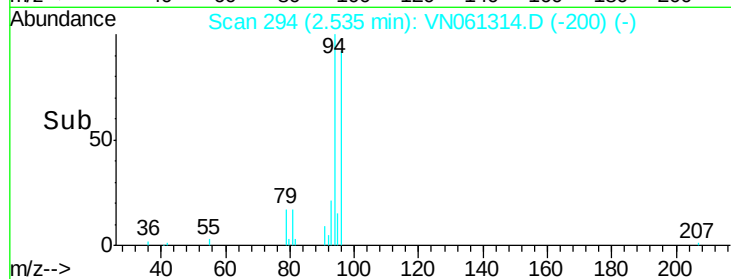
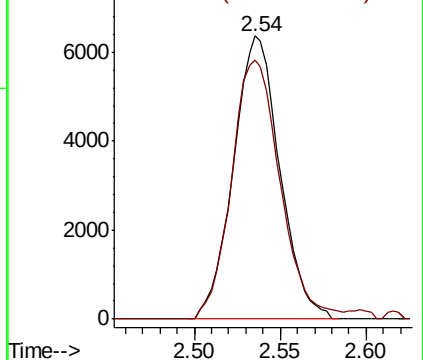
94 100

96 91.5 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.119 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061314.D

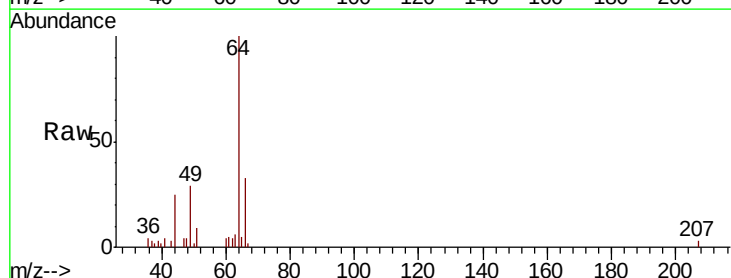
Acq: 6 May 2020 16:59

Tgt Ion: 64 Resp: 17272

Ion Ratio Lower Upper

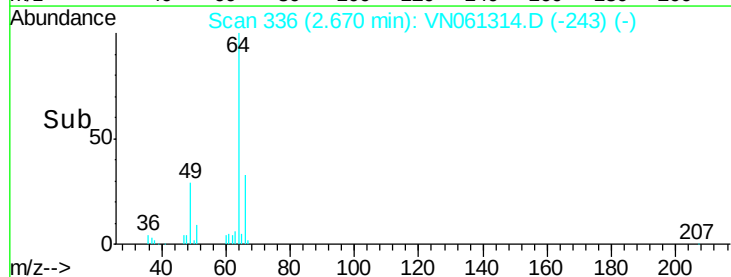
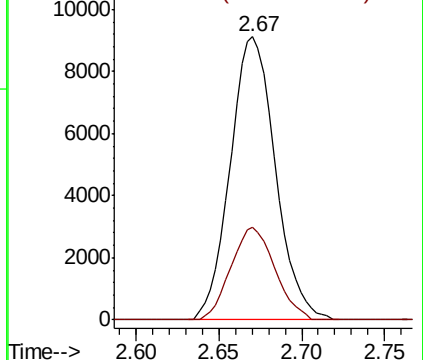
64 100

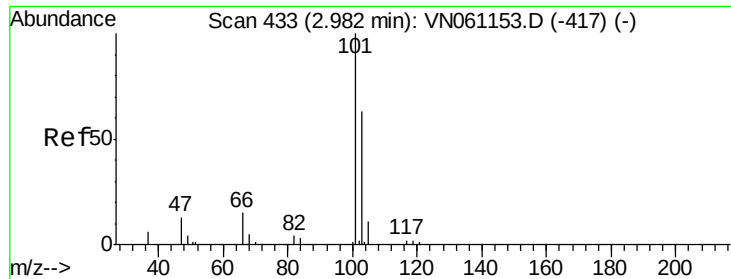
66 32.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



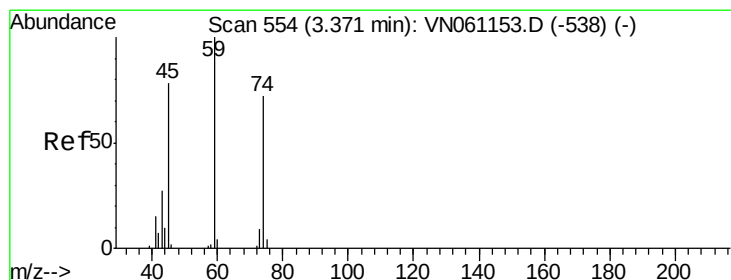
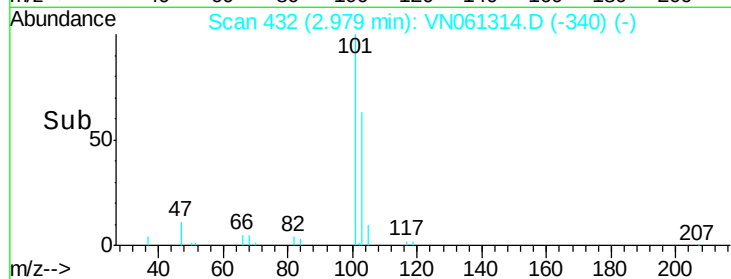
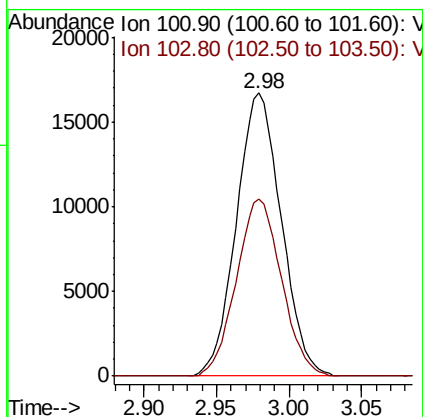
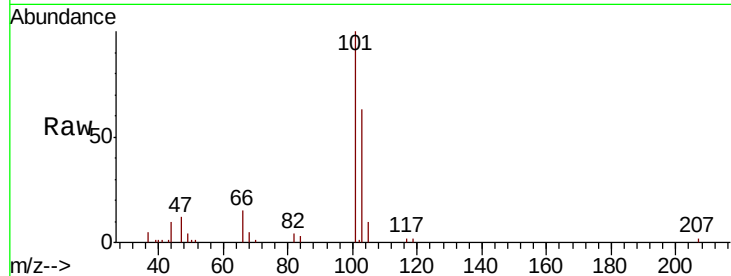


#7

Trichlorofluoromethane
 Concen: 21.218 ug/l
 RT: 2.98 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :

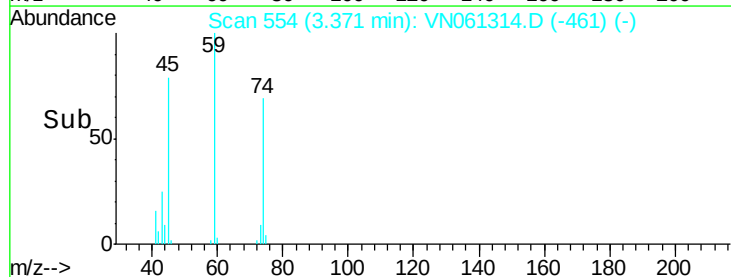
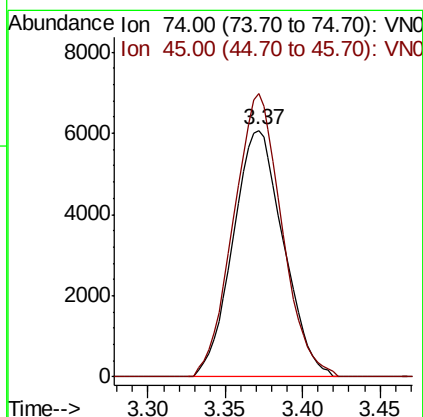
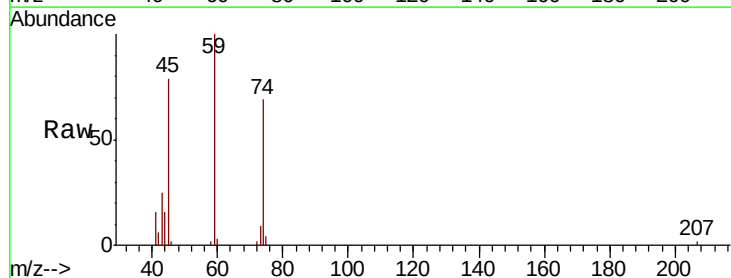
Tot Ion:101 Resp: 36002
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.6 76.0

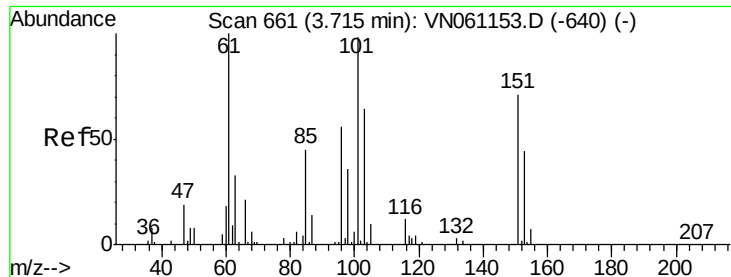


#8

Diethyl Ether
 Concen: 19.449 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion: 74 Resp: 13765
 Ion Ratio Lower Upper
 74 100
 45 110.1 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.977 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

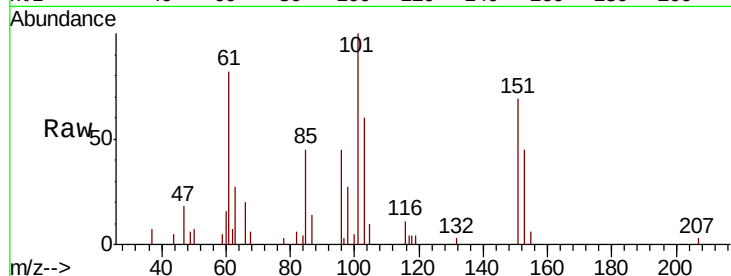
Tot Ion:101 Resp: 20744

Ion Ratio Lower Upper

101 100

85 44.9 37.2 55.8

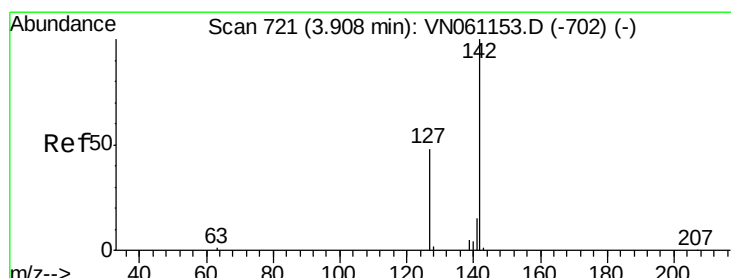
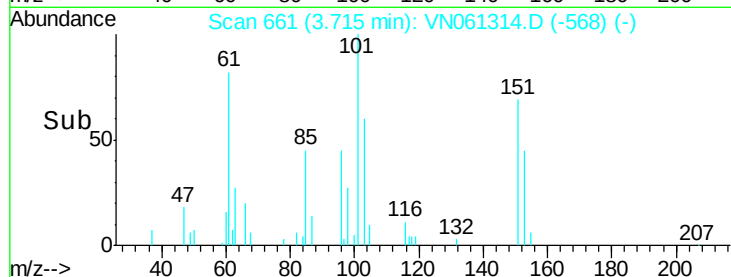
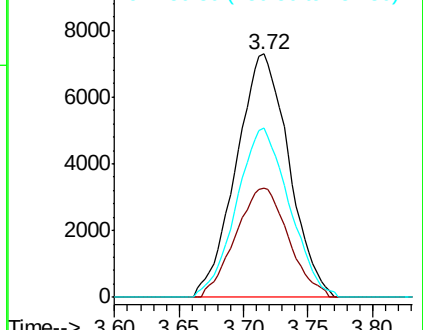
151 69.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.739 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

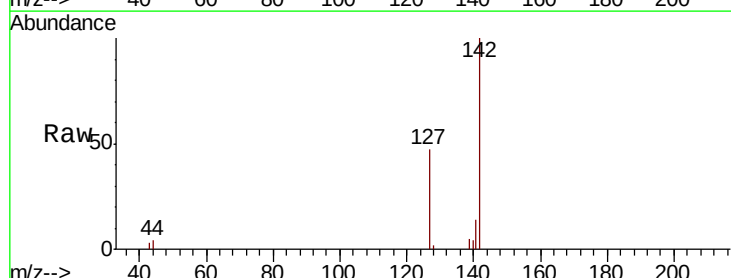
Tgt Ion:142 Resp: 20705

Ion Ratio Lower Upper

142 100

127 46.1 38.0 57.0

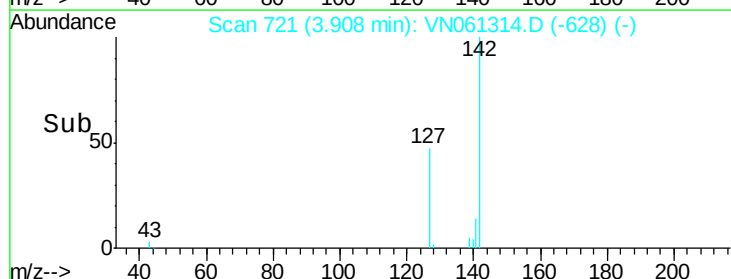
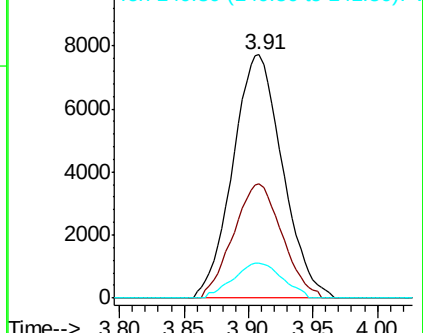
141 14.2 11.7 17.5

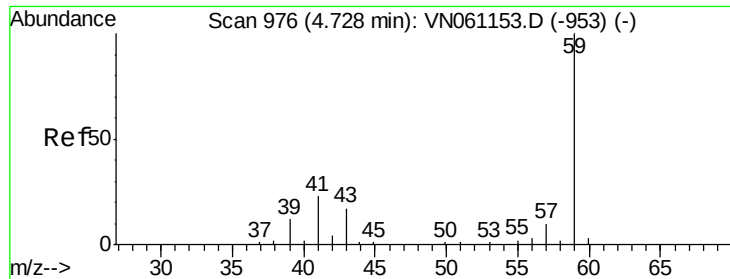


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

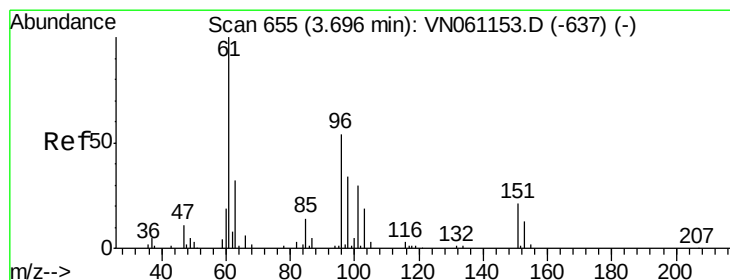
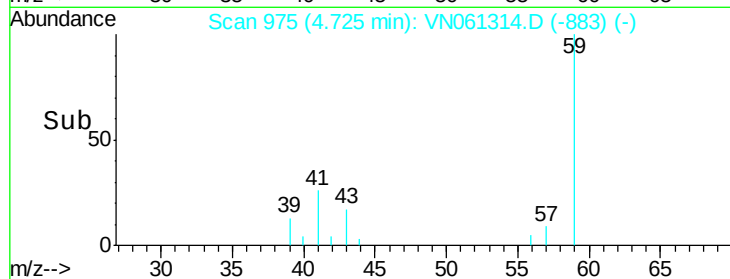
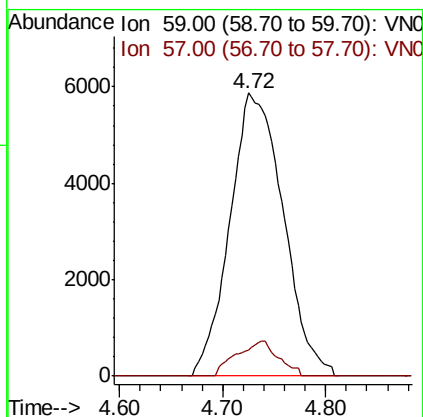
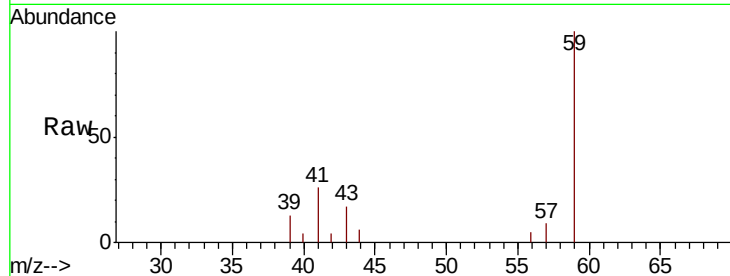




#11
Tert butyl alcohol
Concen: 96.686 ug/l
RT: 4.72 min Scan# 975
Delta R.T. -0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

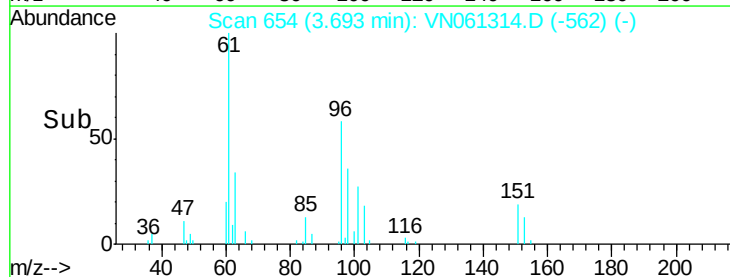
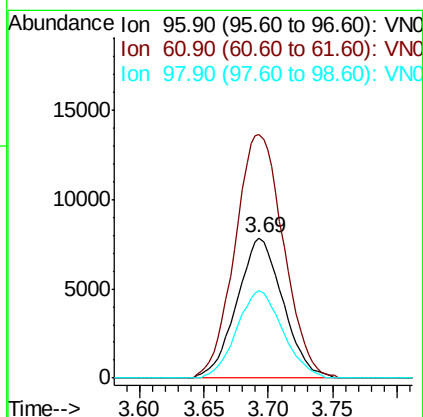
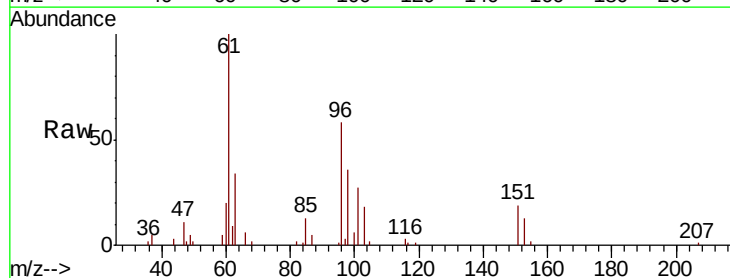
Instrument :
MSVOA_N
ClientSampled :

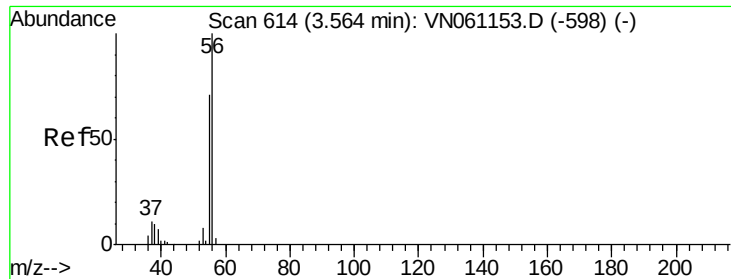
Tot Ion: 59 Resp: 21129
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.983 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 96 Resp: 19562
Ion Ratio Lower Upper
96 100
61 173.9 147.0 220.6
98 62.4 49.8 74.6

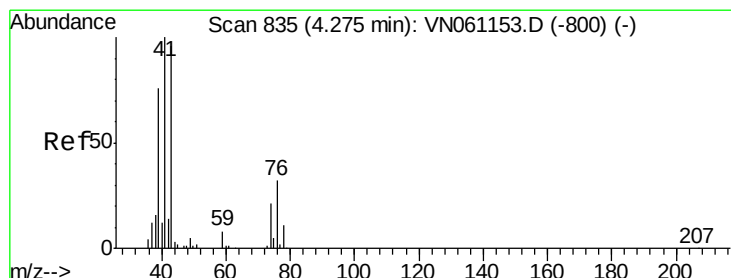
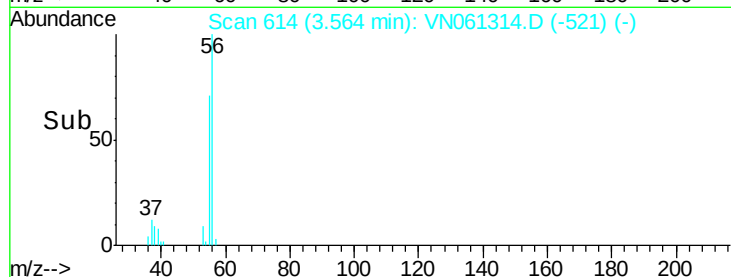
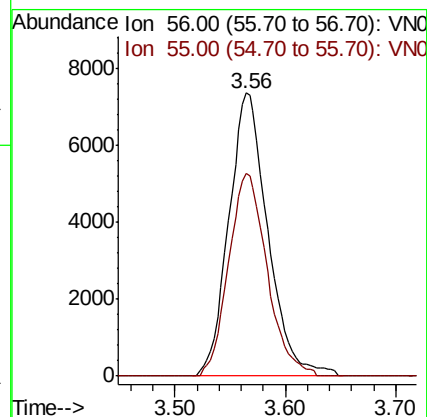
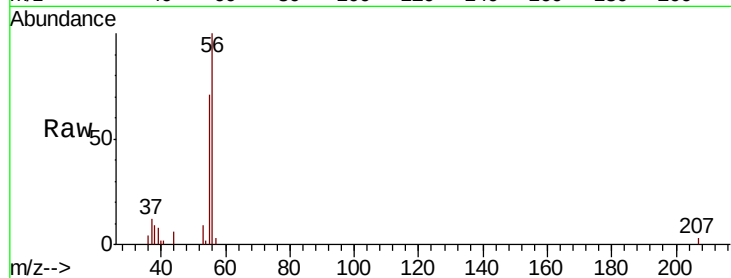




#13
Acrolein
Concen: 123.806 ug/l
RT: 3.56 min Scan# 614
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

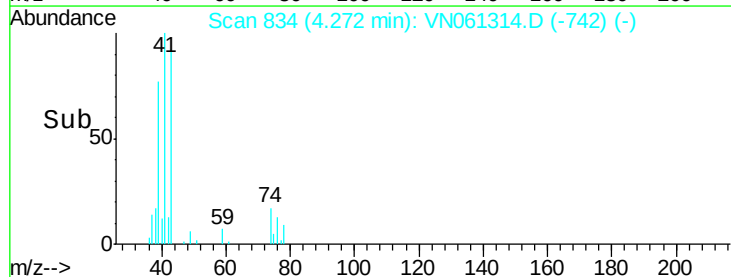
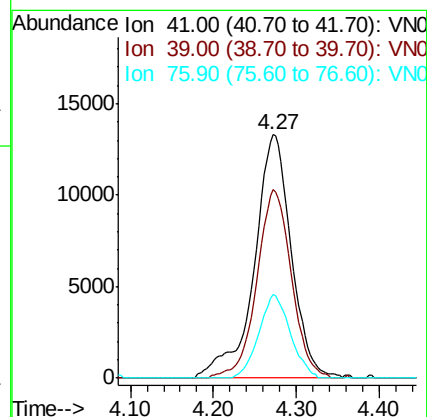
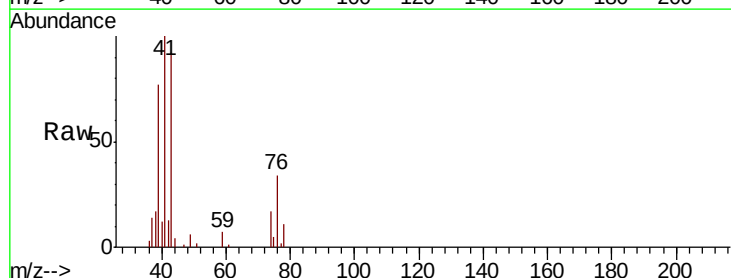
Instrument :
MSVOA_N
ClientSampleId :

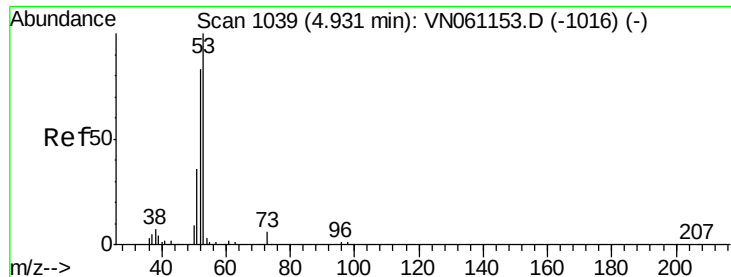
Tot Ion: 56 Resp: 18030
Ion Ratio Lower Upper
56 100
55 70.4 58.5 87.7



#14
Allyl chloride
Concen: 20.503 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 41 Resp: 41353
Ion Ratio Lower Upper
41 100
39 72.4 57.1 85.7
76 29.1 24.3 36.5





#15

Acrylonitrile

Concen: 96.114 ug/l

RT: 4.93 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

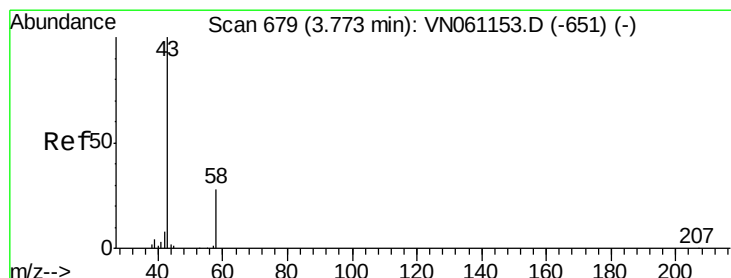
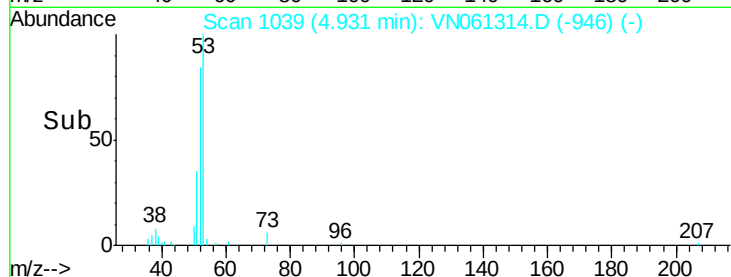
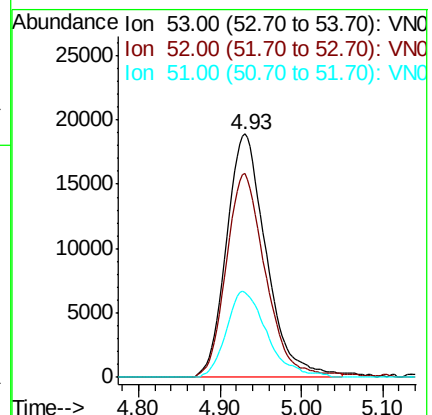
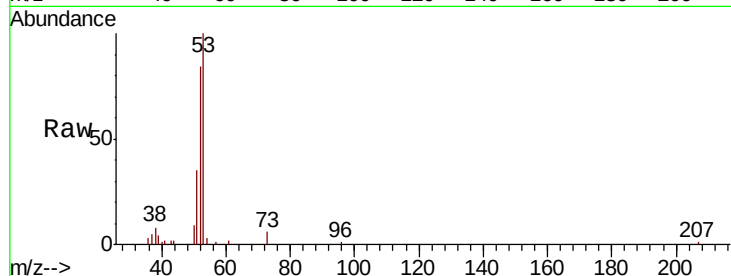
Tot Ion: 53 Resp: 64477

Ion Ratio Lower Upper

53 100

52 83.2 65.4 98.0

51 36.3 29.5 44.3



#16

Acetone

Concen: 98.966 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061314.D

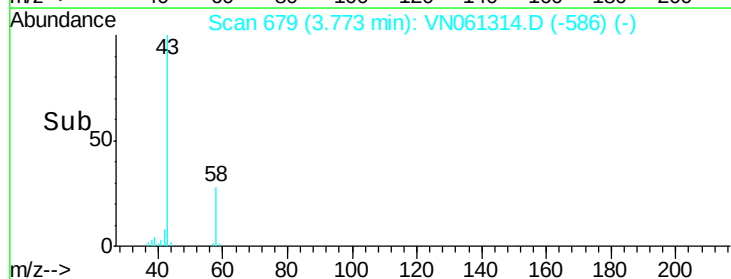
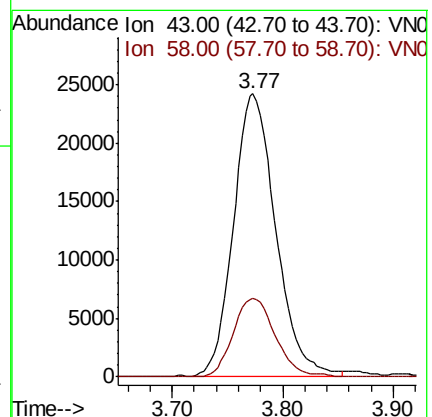
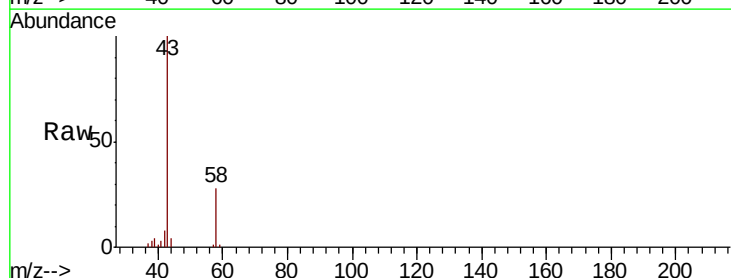
Acq: 6 May 2020 16:59

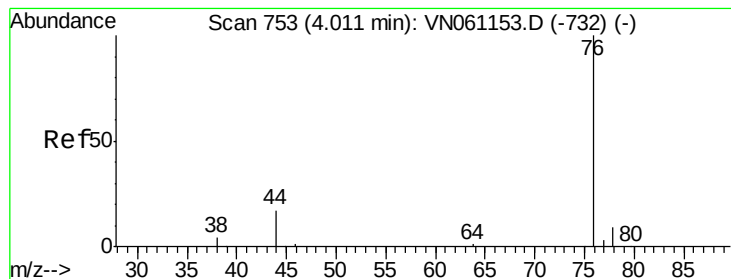
Tgt Ion: 43 Resp: 64546

Ion Ratio Lower Upper

43 100

58 27.8 22.2 33.2





#17

Carbon Disulfide

Concen: 13.964 ug/l

RT: 4.01 min Scan# 752

Delta R.T. -0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

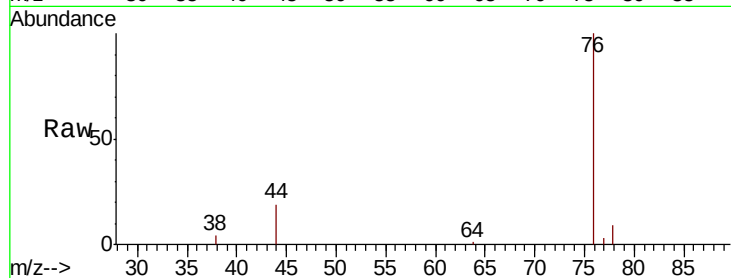
ClientSampleId :

Tot Ion: 76 Resp: 41959

Ion Ratio Lower Upper

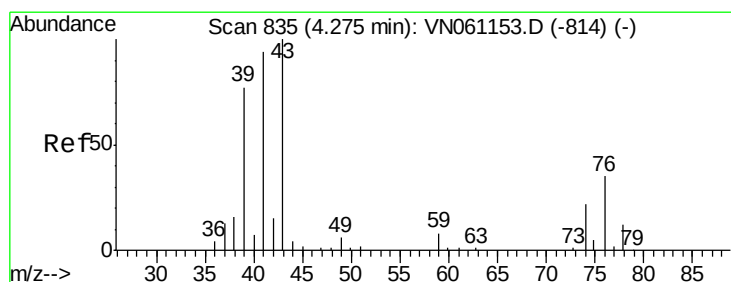
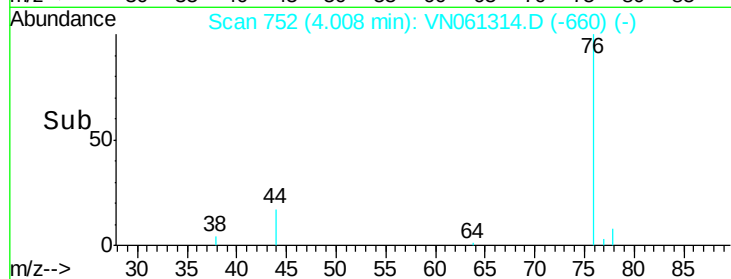
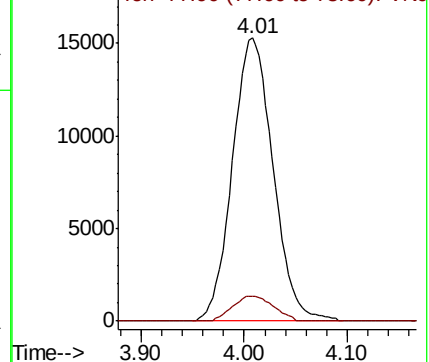
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 17.707 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061314.D

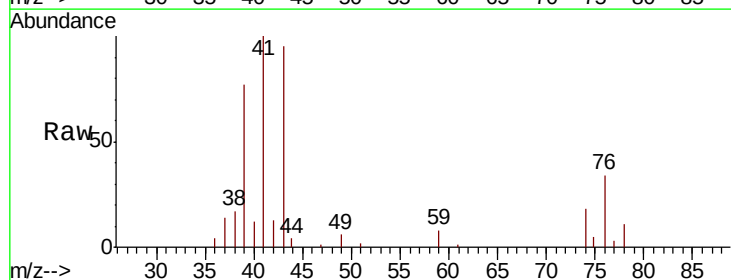
Acq: 6 May 2020 16:59

Tgt Ion: 43 Resp: 35548

Ion Ratio Lower Upper

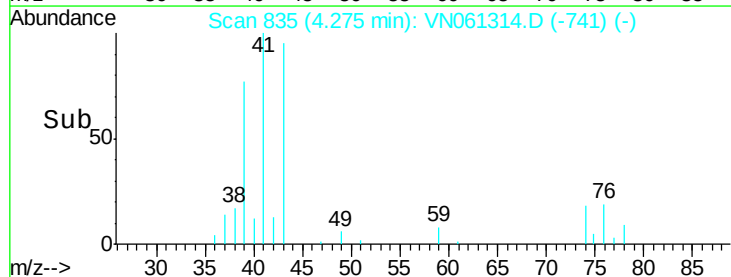
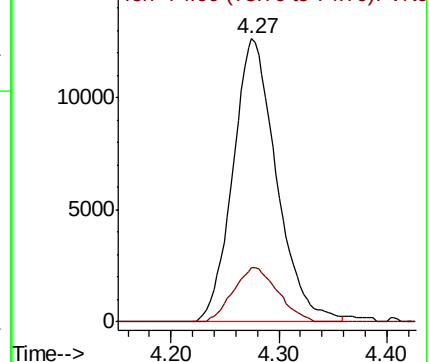
43 100

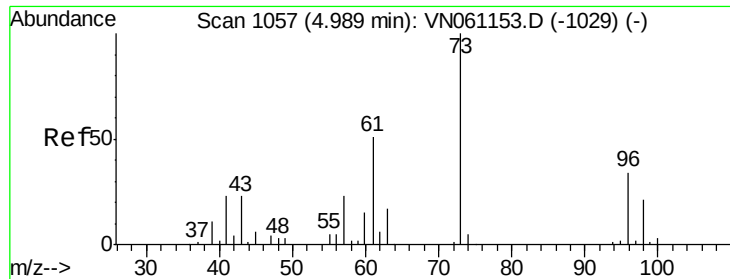
74 19.6 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

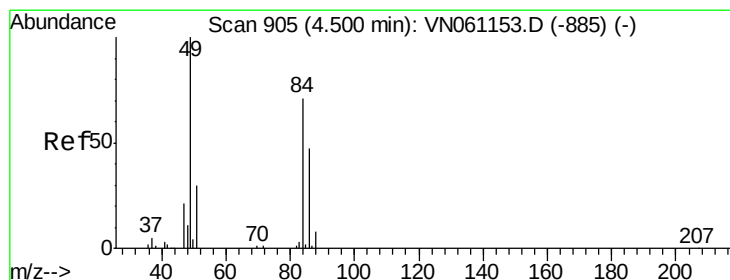
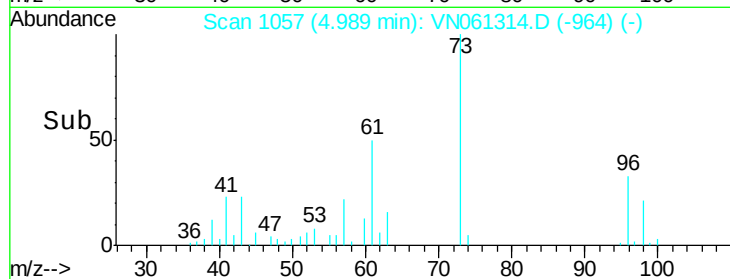
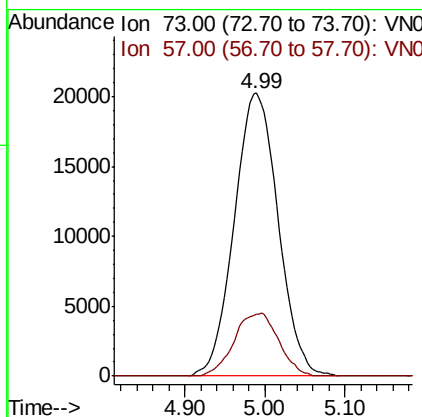
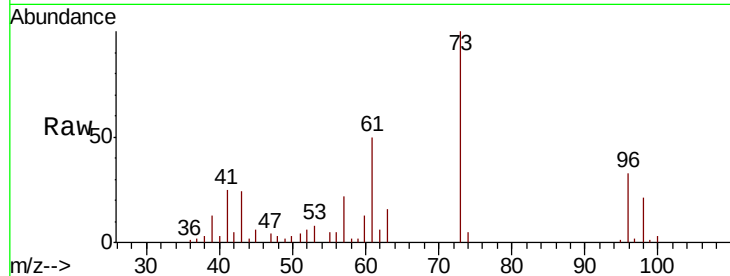




#19
Methyl tert-butyl Ether
Concen: 18.217 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

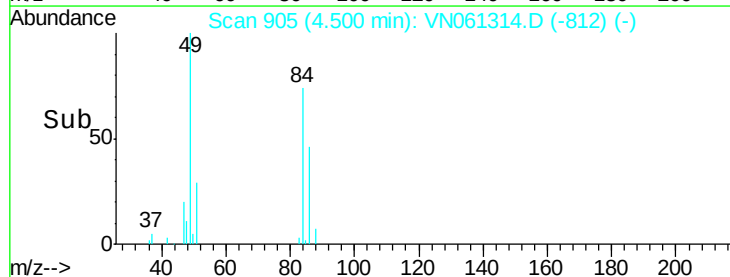
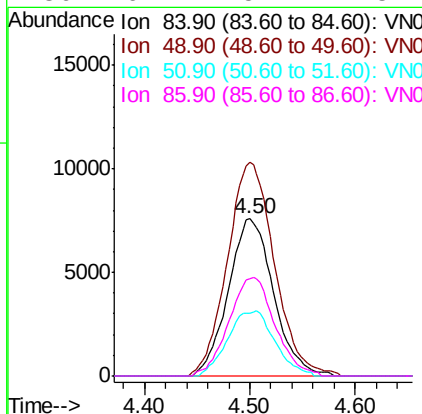
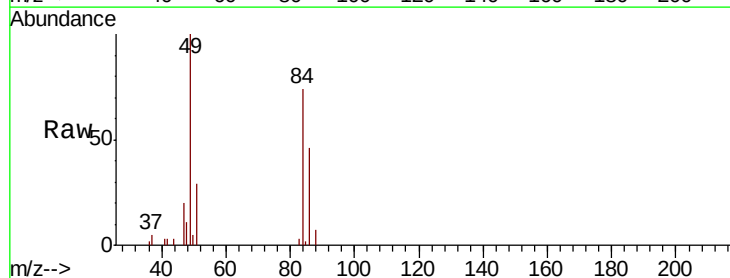
Instrument :
MSVOA_N
ClientSampled :

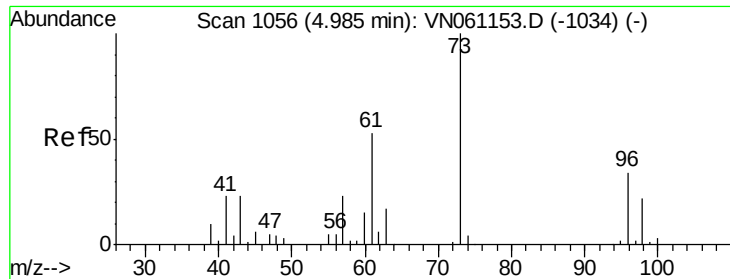
Tot Ion: 73 Resp: 75719
Ion Ratio Lower Upper
73 100
57 21.8 18.3 27.5



#20
Methylene Chloride
Concen: 17.810 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 84 Resp: 22655
Ion Ratio Lower Upper
84 100
49 136.0 112.0 168.0
51 39.8 33.6 50.4
86 62.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.717 ug/l

RT: 4.99 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

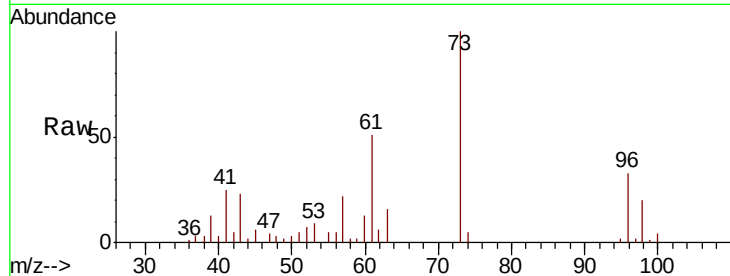
Tot Ion: 96 Resp: 20986

Ion Ratio Lower Upper

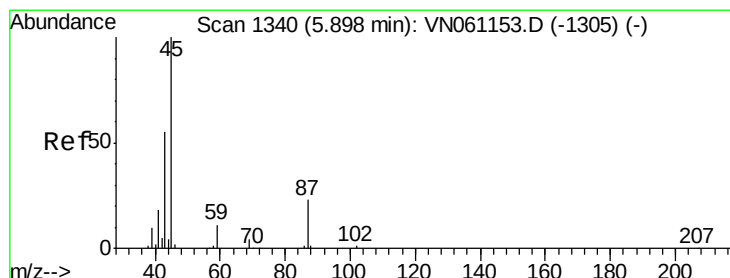
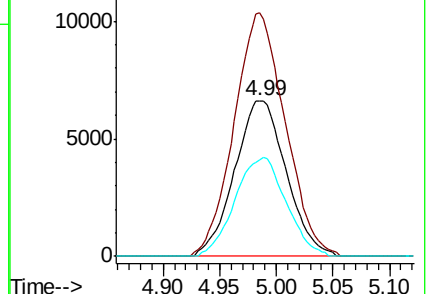
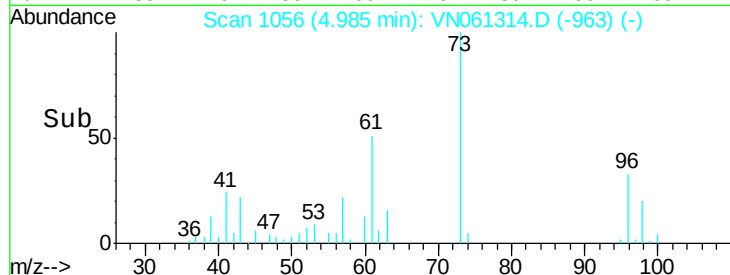
96 100

61 156.2 123.0 184.4

98 62.2 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VN061314.D (-963) (-)



#22

Diisopropyl ether

Concen: 18.415 ug/l

RT: 5.91 min Scan# 1342

Delta R.T. 0.01 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Tgt Ion: 45 Resp: 86132

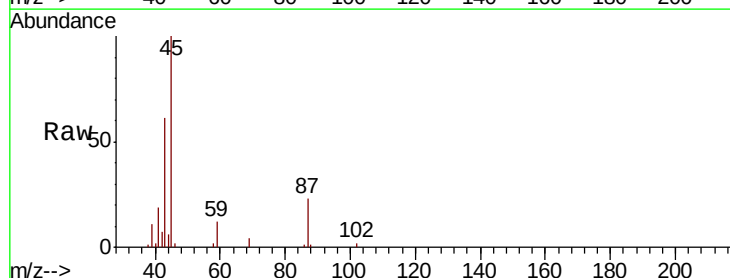
Ion Ratio Lower Upper

45 100

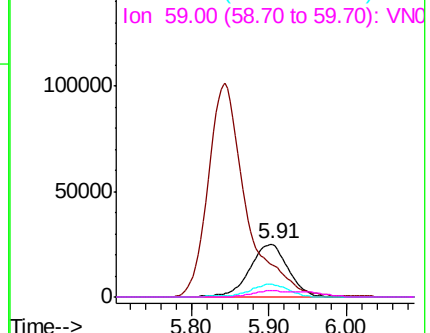
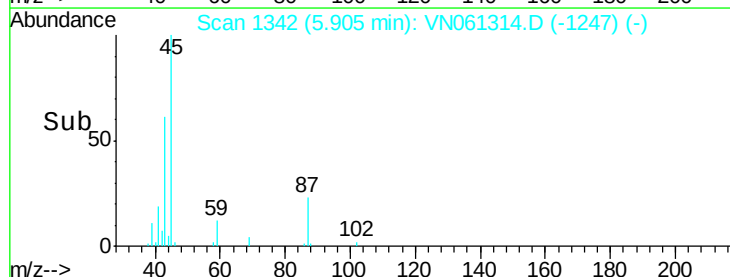
43 58.4 47.9 71.9

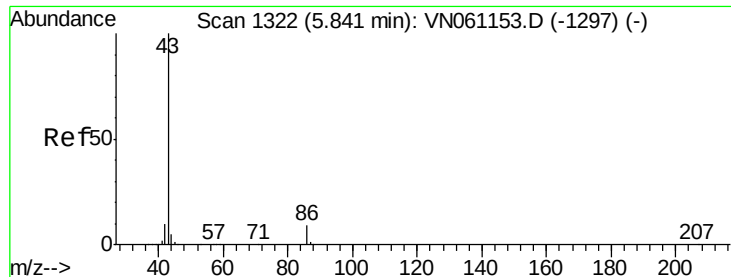
87 23.4 19.2 28.8

59 12.5 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN061314.D (-1247) (-)





#23

Vinyl Acetate

Concen: 92.141 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

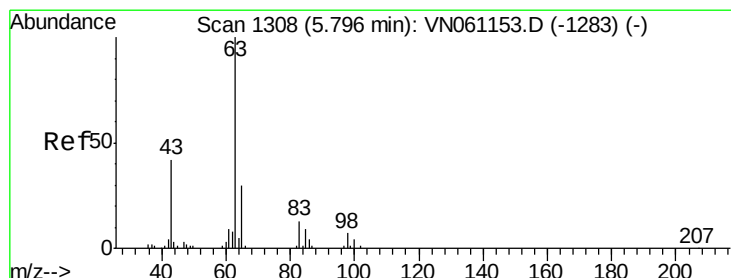
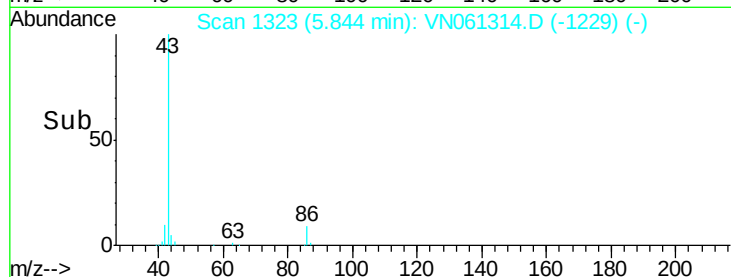
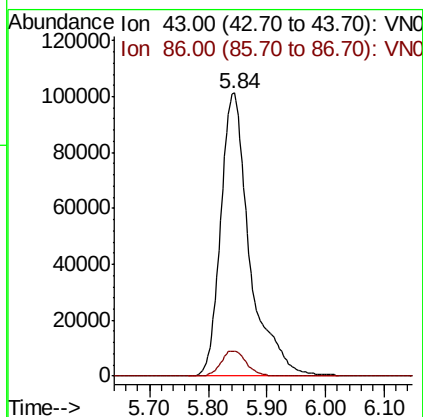
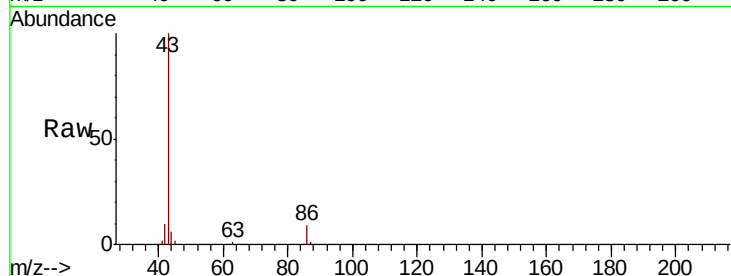
ClientSampleId :

Tot Ion: 43 Resp: 346998

Ion Ratio Lower Upper

43 100

86 9.0 7.2 10.8



#24

1,1-Dichloroethane

Concen: 18.187 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

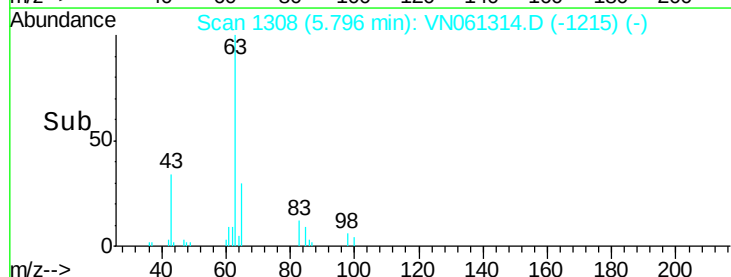
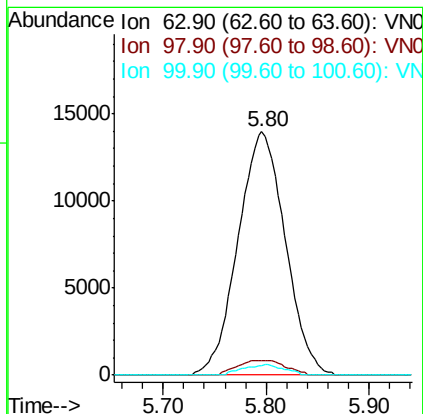
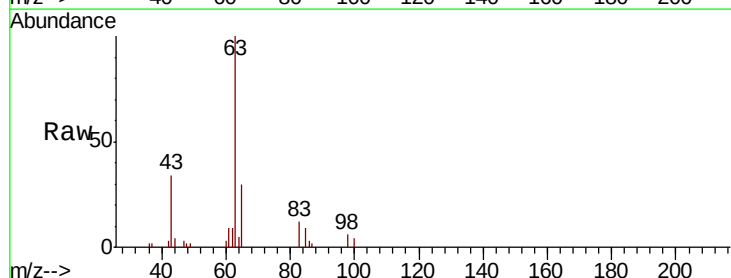
Tgt Ion: 63 Resp: 44444

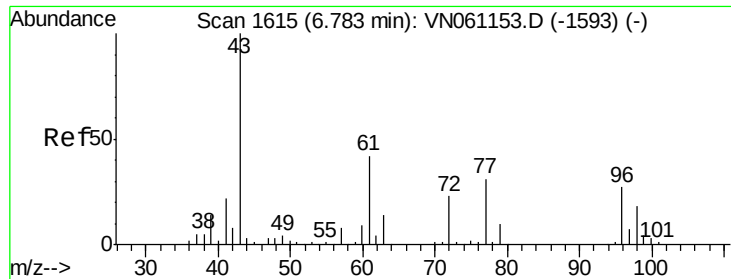
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.9

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 96.702 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

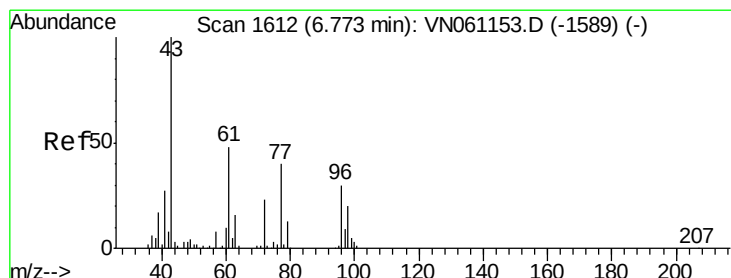
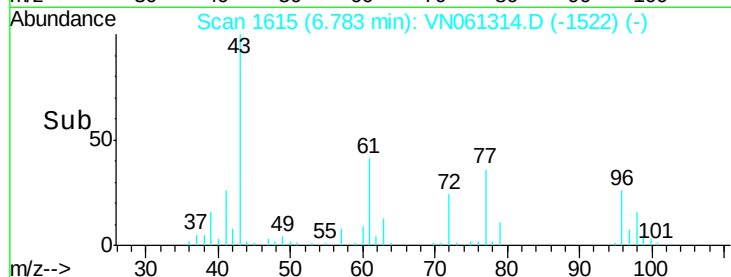
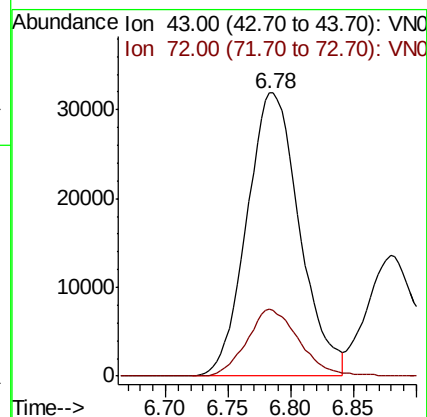
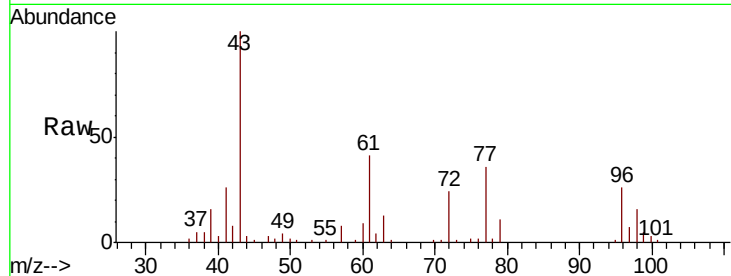
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 93349

Ion Ratio Lower Upper

43 100

72 23.9 18.2 27.4



#26

2,2-Dichloropropane

Concen: 19.325 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VN061314.D

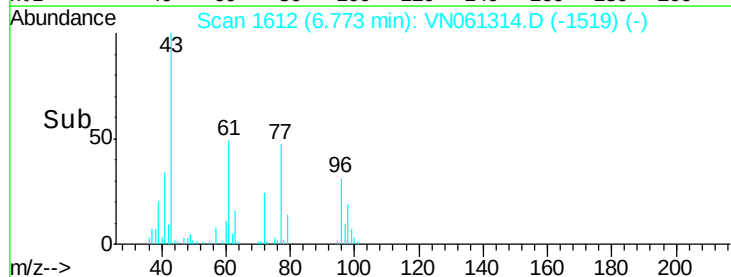
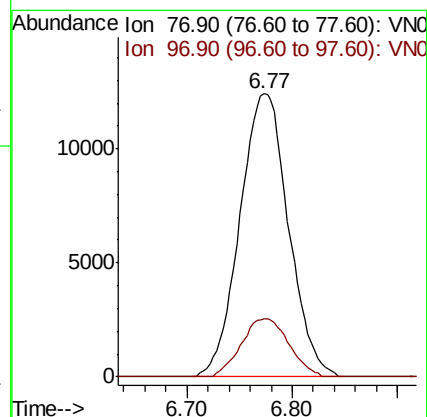
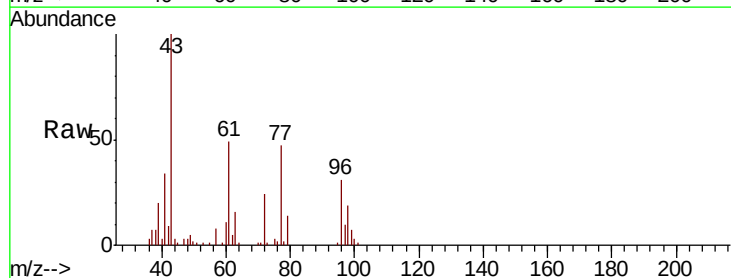
Acq: 6 May 2020 16:59

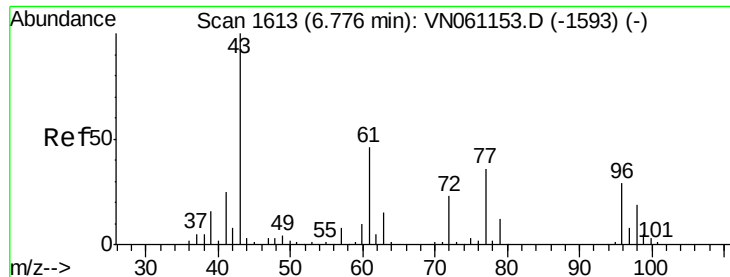
Tgt Ion: 77 Resp: 39777

Ion Ratio Lower Upper

77 100

97 20.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 17.557 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

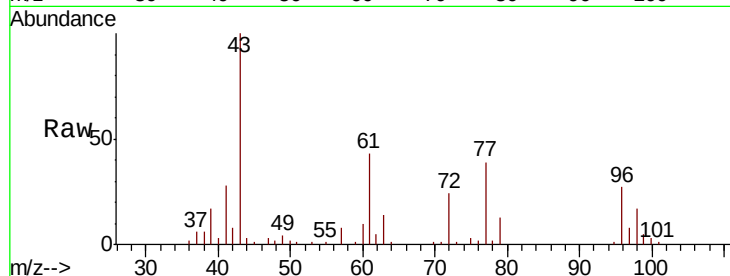
Tot Ion: 96 Resp: 24405

Ion Ratio Lower Upper

96 100

61 164.9 0.0 322.0

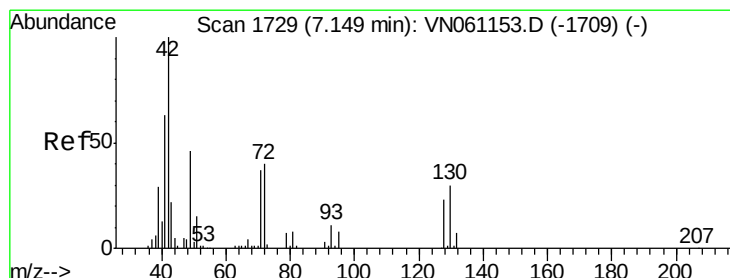
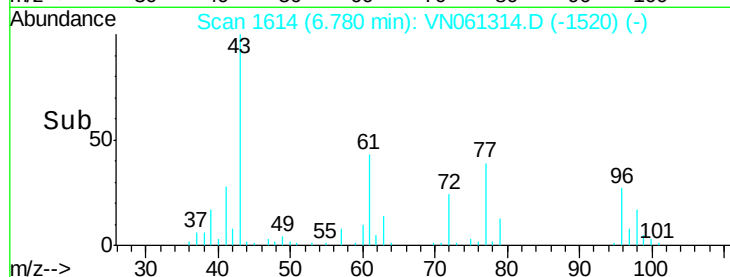
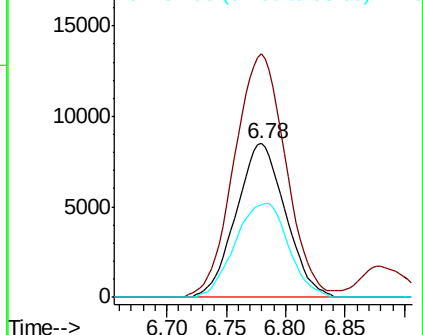
98 65.9 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061314.D (-1520) (-)

Ion 60.90 (60.60 to 61.60): VN061314.D (-1520) (-)

Ion 97.90 (97.60 to 98.60): VN061314.D (-1520) (-)



#28

Bromochloromethane

Concen: 20.481 ug/l

RT: 7.15 min Scan# 1729

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

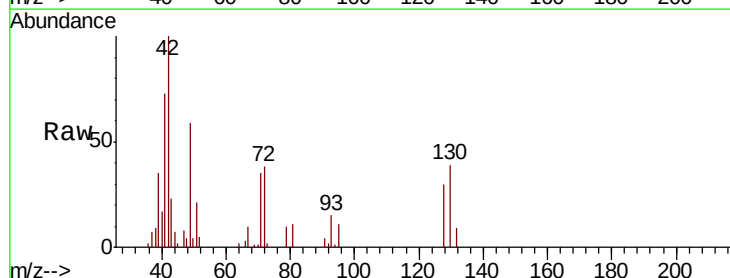
Tgt Ion: 49 Resp: 23722

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

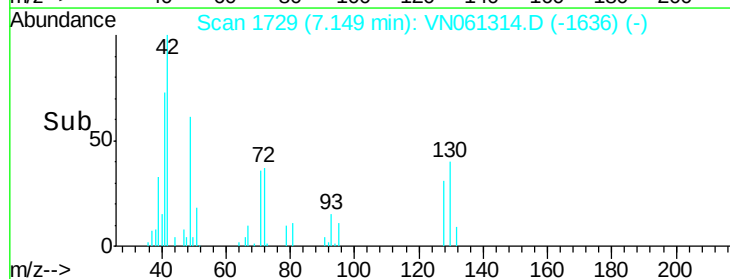
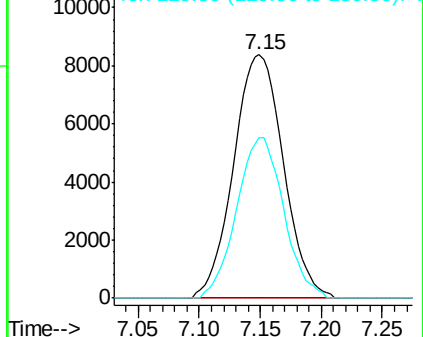
130 62.0 51.4 77.2

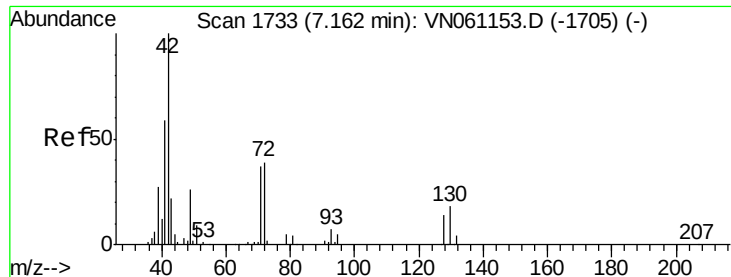


Abundance Ion 48.90 (48.60 to 49.60): VN061314.D (-1636) (-)

Ion 128.80 (128.50 to 129.50): VN061314.D (-1636) (-)

Ion 129.80 (129.50 to 130.50): VN061314.D (-1636) (-)

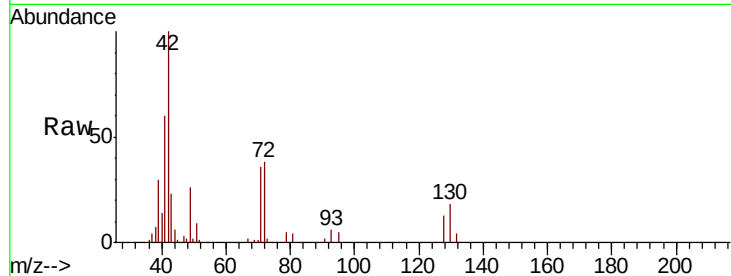




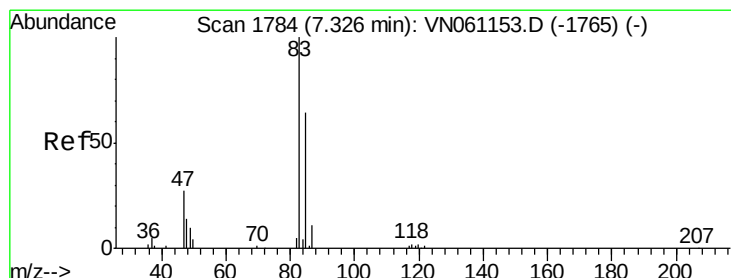
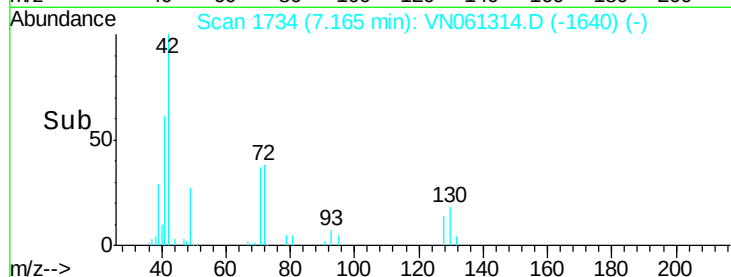
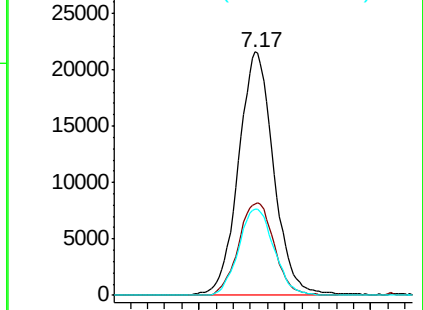
#29
Tetrahydrofuran
Concen: 94.503 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 61452
Ion Ratio Lower Upper
42 100
72 38.3 31.4 47.0
71 35.5 29.5 44.3

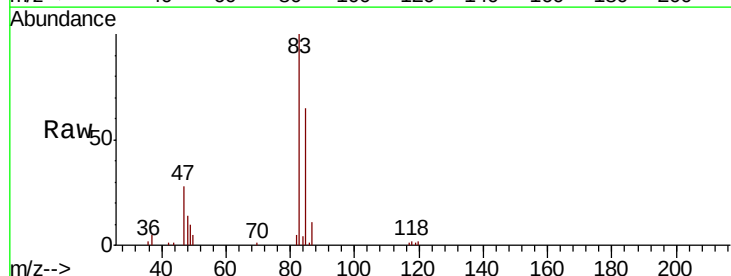


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

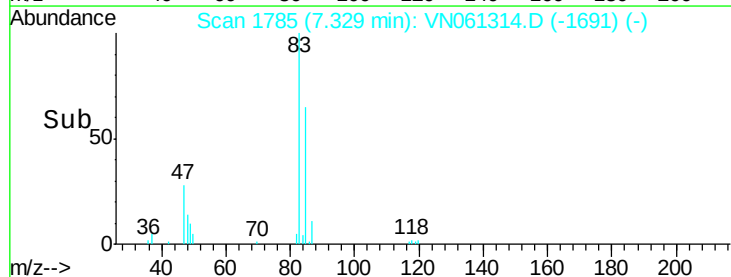
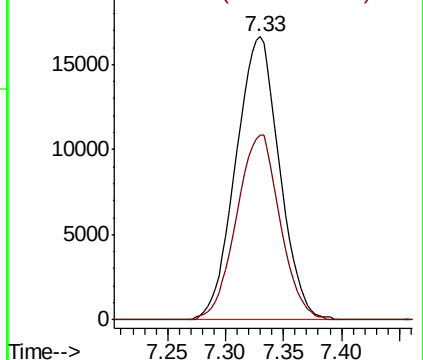


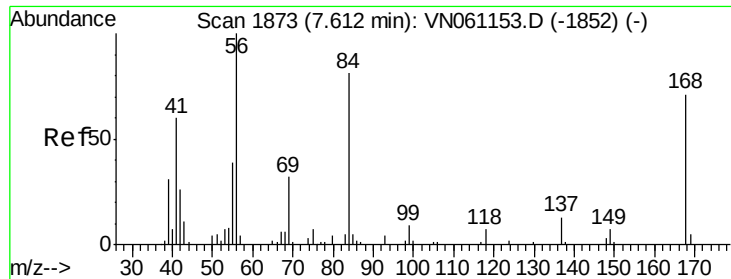
#30
Chloroform
Concen: 17.604 ug/l
RT: 7.33 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 83 Resp: 43595
Ion Ratio Lower Upper
83 100
85 65.4 51.1 76.7



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

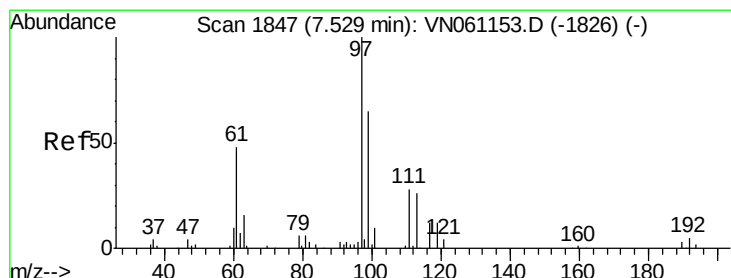
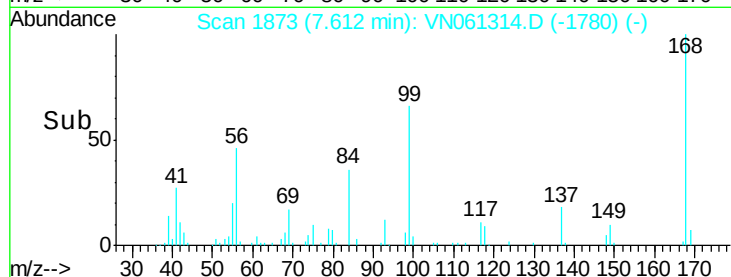
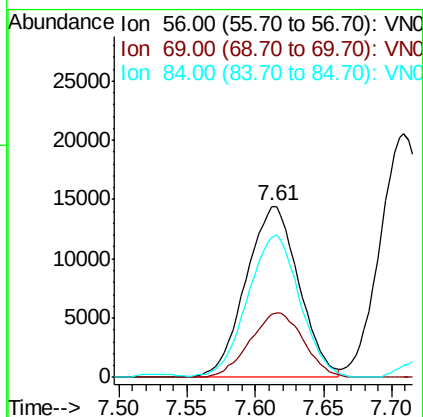
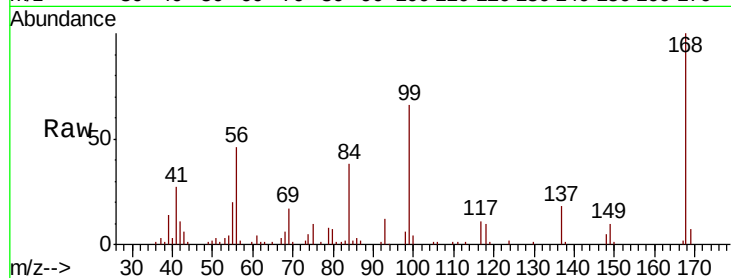




#31
Cyclohexane
Concen: 16.423 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

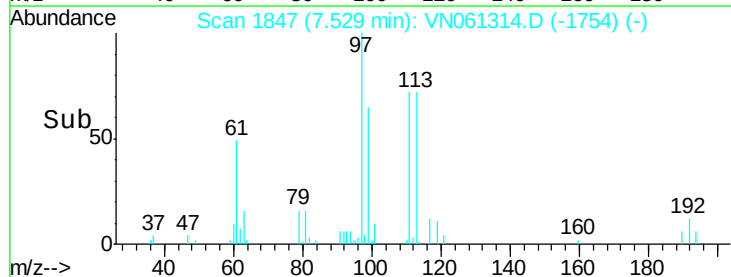
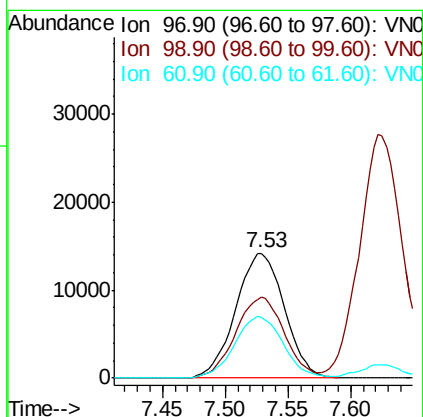
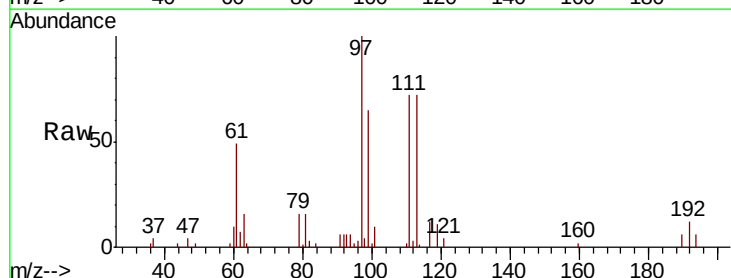
Instrument :
MSVOA_N
ClientSampled :

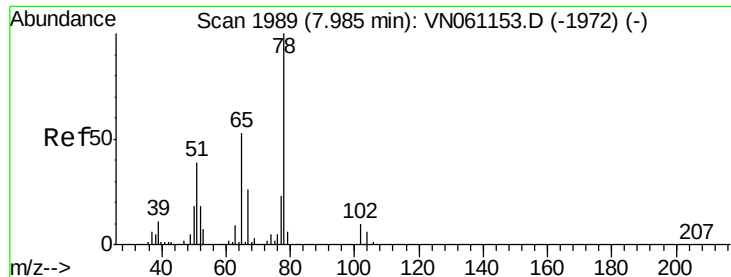
Tot Ion: 56 Resp: 38975
Ion Ratio Lower Upper
56 100
69 37.2 25.7 38.5
84 82.0 64.6 97.0



#32
1,1,1-Trichloroethane
Concen: 17.719 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 97 Resp: 38210
Ion Ratio Lower Upper
97 100
99 64.9 51.3 76.9
61 49.5 38.6 57.8

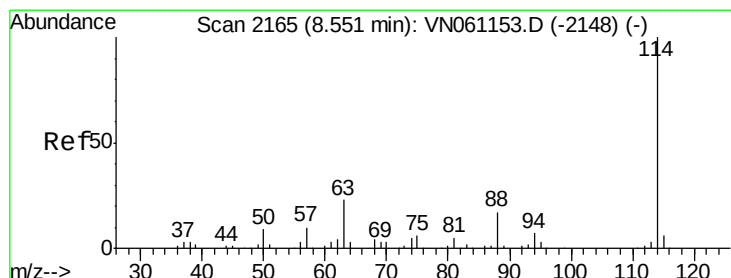
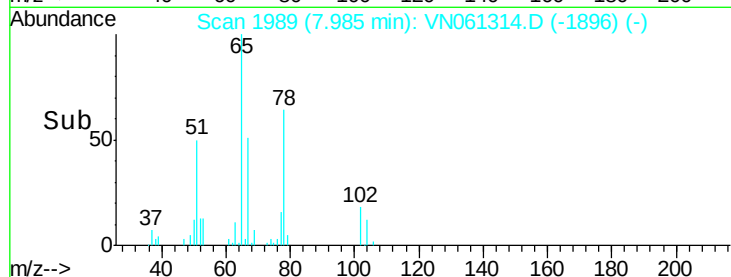
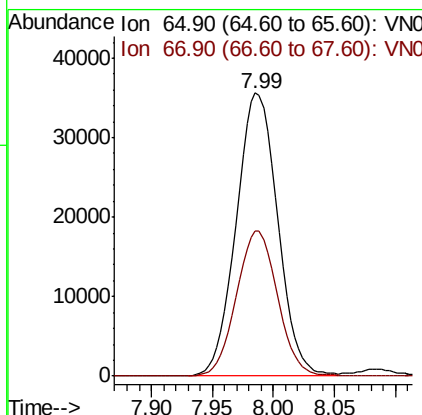
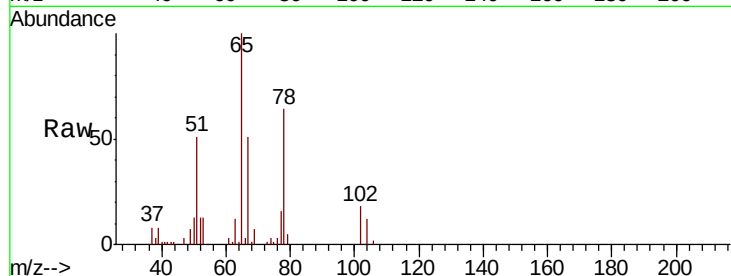




#33
 1,2-Dichloroethane-d4
 Concen: 51.441 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

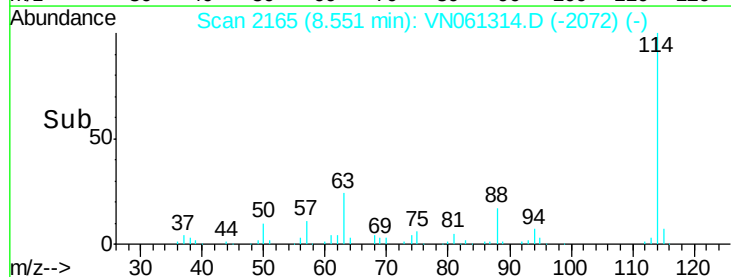
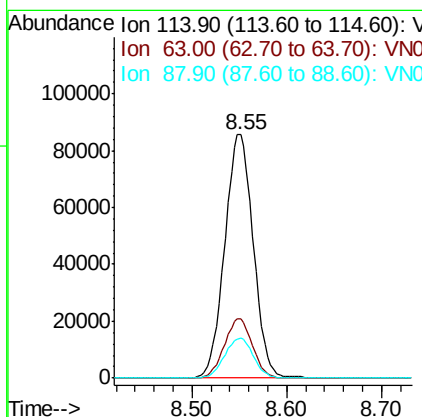
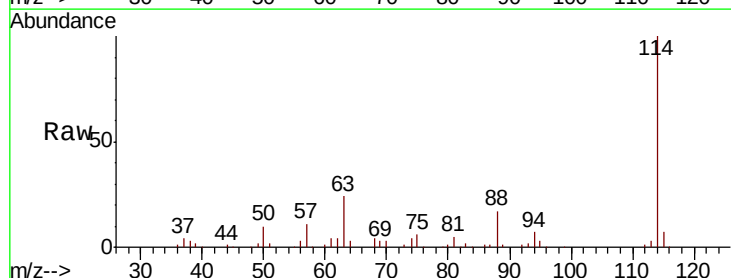
Instrument :
 MSVOA_N
 ClientSampleId :

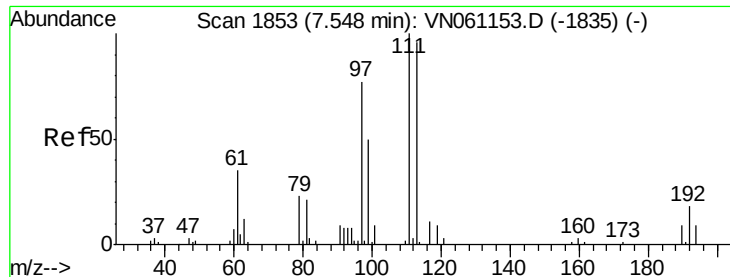
Tot Ion: 65 Resp: 83919
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion: 114 Resp: 179238
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 46.6
 88 16.6 0.0 33.4

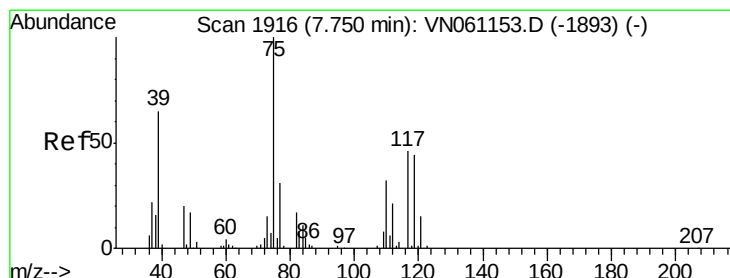
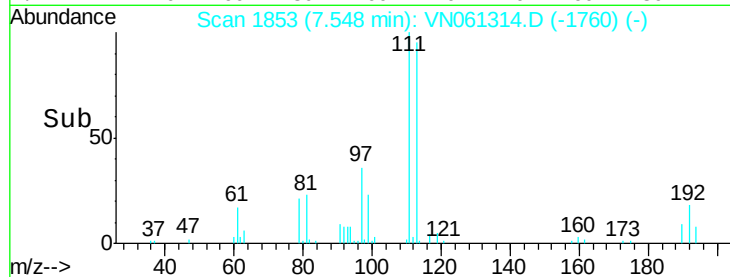
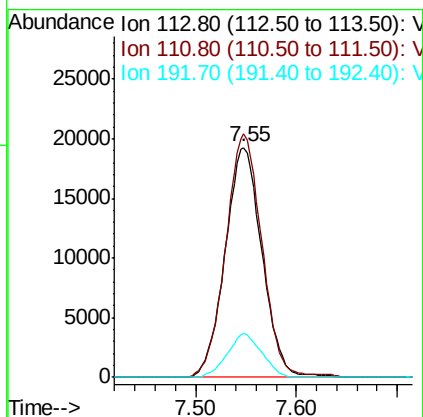
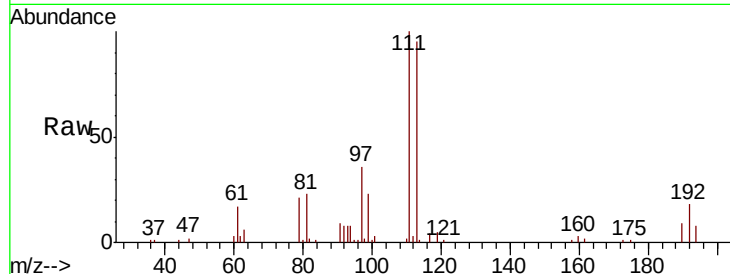




#35
 Dibromofluoromethane
 Concen: 46.037 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

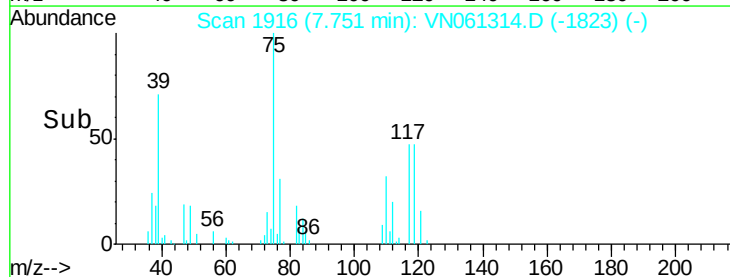
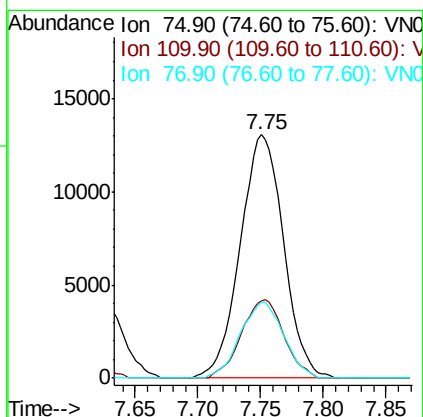
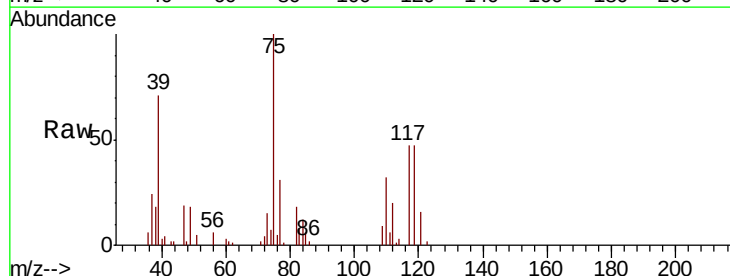
Instrument :
 MSVOA_N
 ClientSampled :

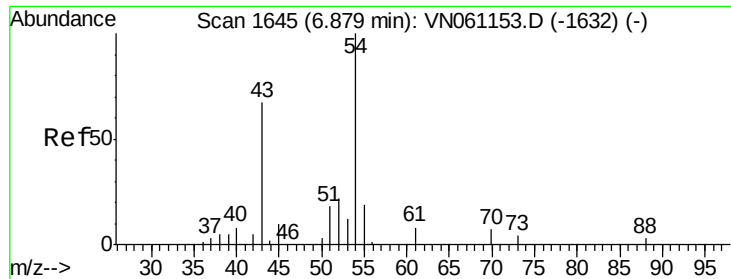
Tot Ion:113 Resp: 48793
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.9 124.3
 192 17.8 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 17.536 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion: 75 Resp: 31464
 Ion Ratio Lower Upper
 75 100
 110 31.5 16.0 48.0
 77 31.2 24.6 37.0

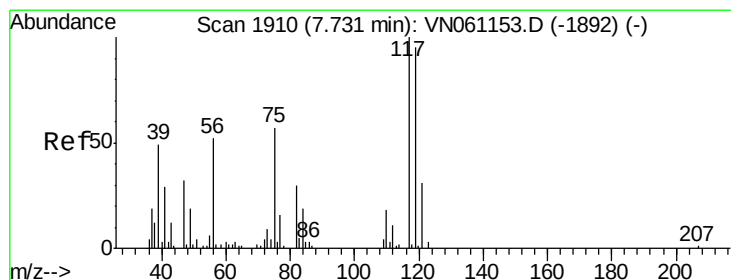
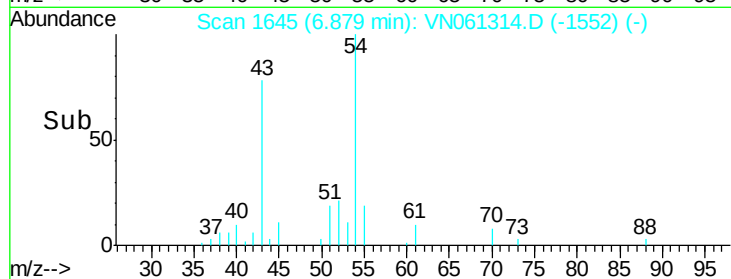
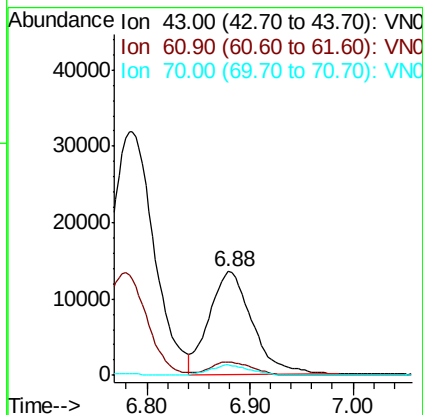
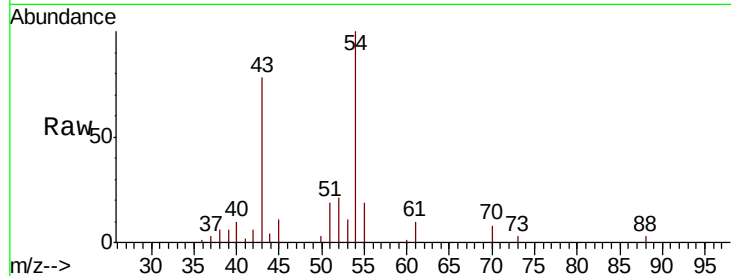




#37
Ethyl Acetate
Concen: 18.416 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

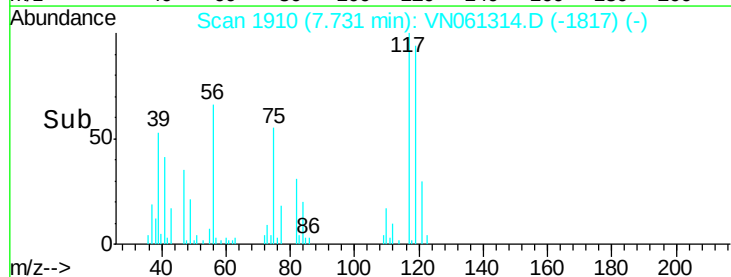
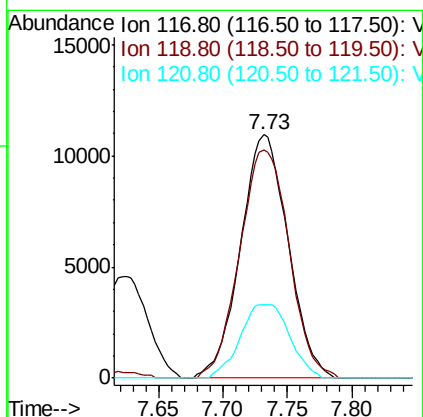
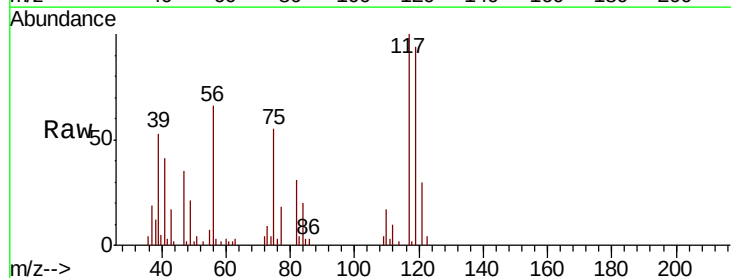
Instrument :
MSVOA_N
ClientSampled :

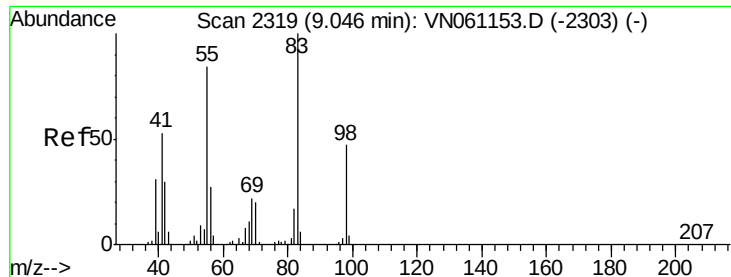
Tot Ion: 43 Resp: 38738
Ion Ratio Lower Upper
43 100
61 12.5 10.2 15.2
70 9.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.695 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 117 Resp: 28149
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.6
121 30.3 24.7 37.1

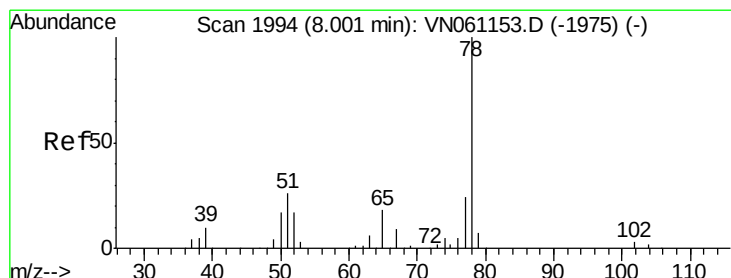
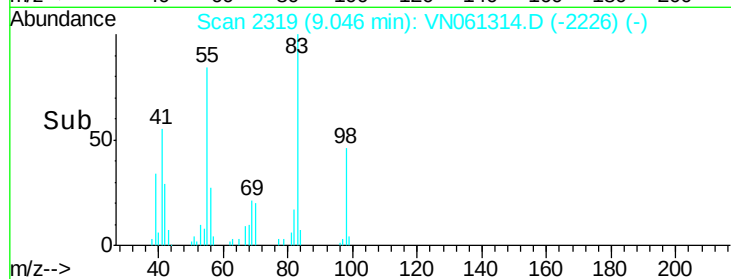
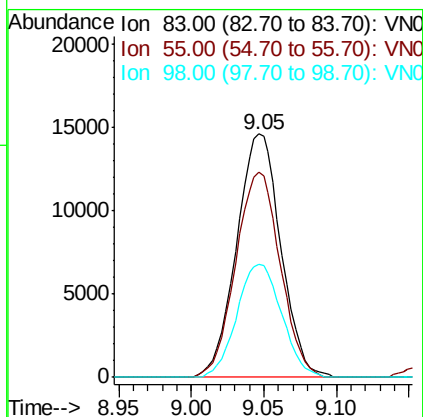
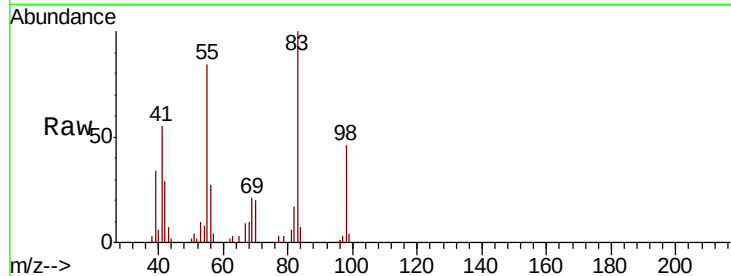




#39
Methylvlcyclohexane
Concen: 15.381 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

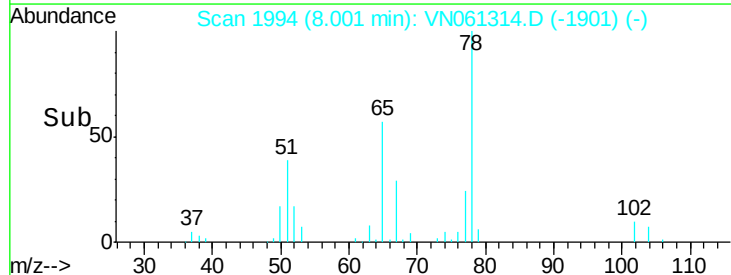
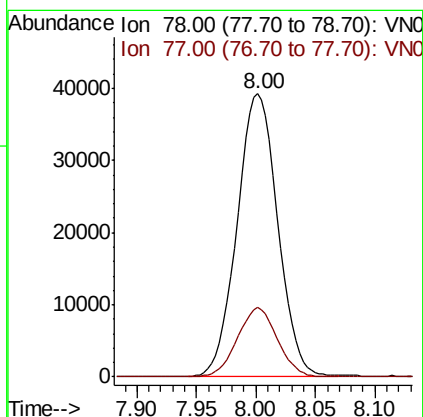
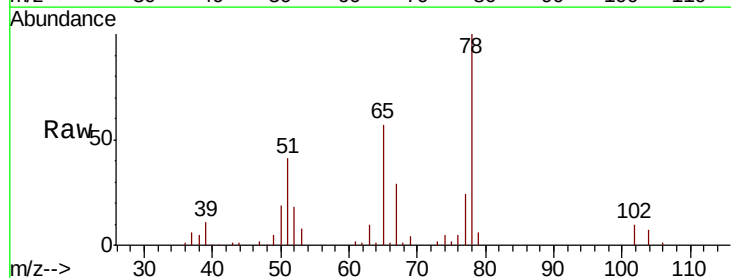
Instrument :
MSVOA_N
ClientSampleId :

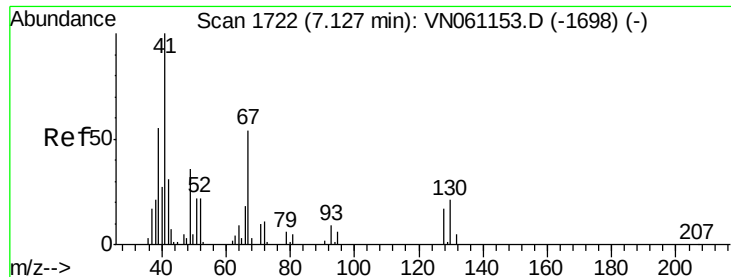
Tot Ion: 83 Resp: 30949
Ion Ratio Lower Upper
83 100
55 84.5 67.3 100.9
98 46.5 37.7 56.5



#40
Benzene
Concen: 17.411 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 78 Resp: 93069
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6

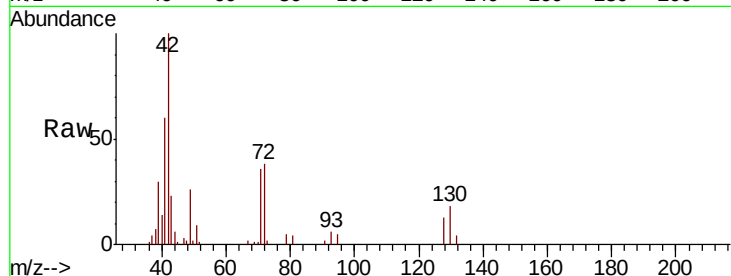




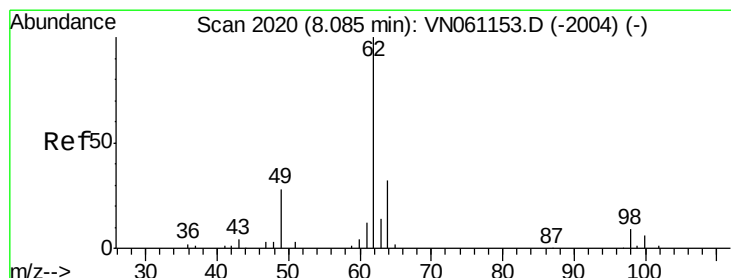
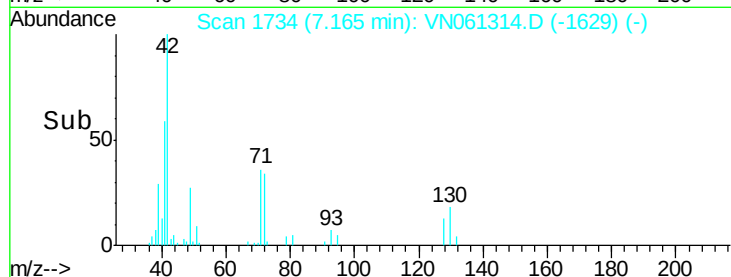
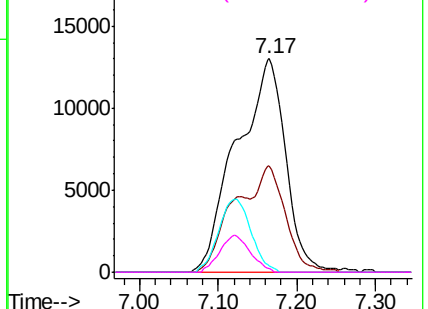
#41
Methacrylonitrile
Concen: 64.847 ug/l
RT: 7.17 min Scan# 1734
Delta R.T. 0.04 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	56634
Ion	Ratio	Lower	Upper
41	100		
39	26.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

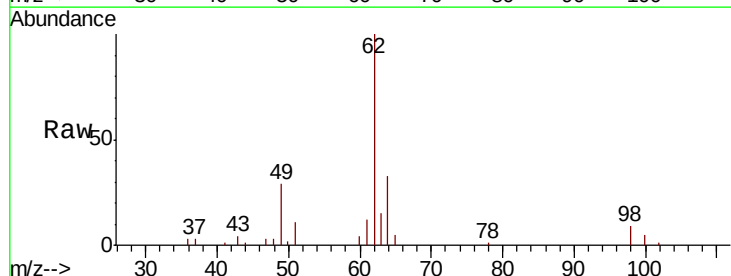


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

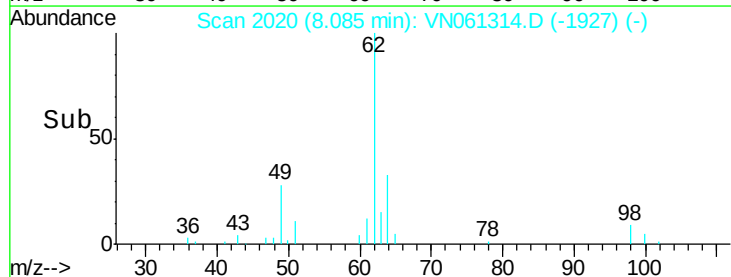
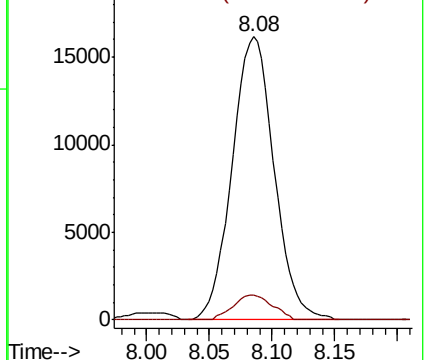


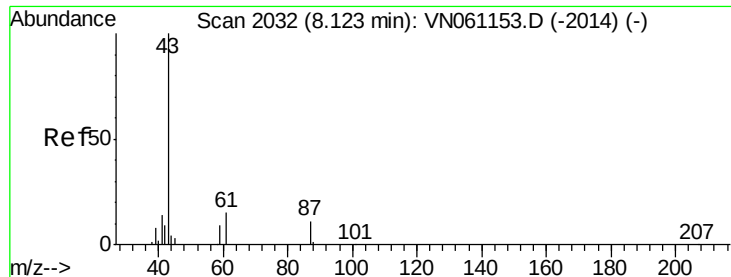
#42
1,2-Dichloroethane
Concen: 18.596 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion:	62	Resp:	37658
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8



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





#43

Isopropyl Acetate

Concen: 18.485 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

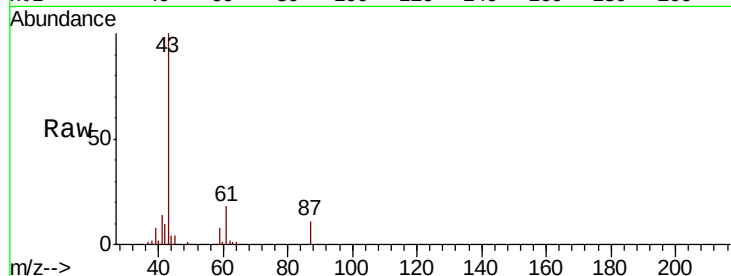
Tot Ion: 43 Resp: 64529

Ion Ratio Lower Upper

43 100

61 23.9 19.5 29.3

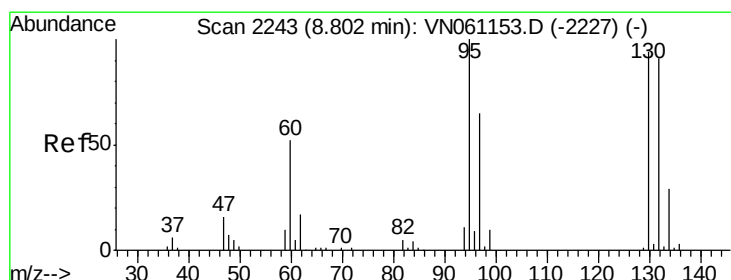
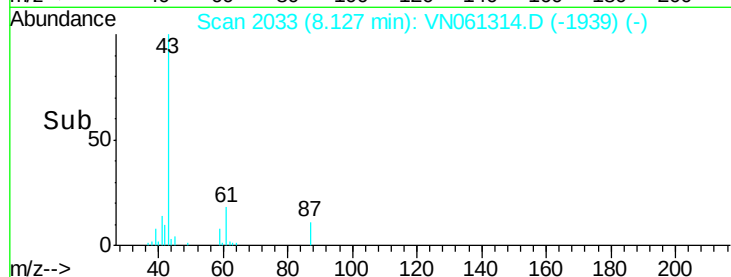
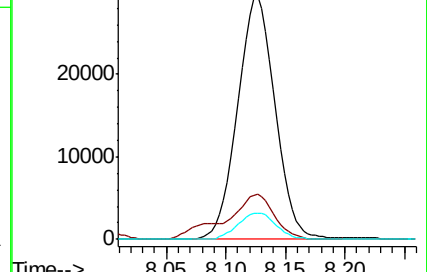
87 10.9 8.9 13.3



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

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

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



#44

Trichloroethene

Concen: 15.909 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061314.D

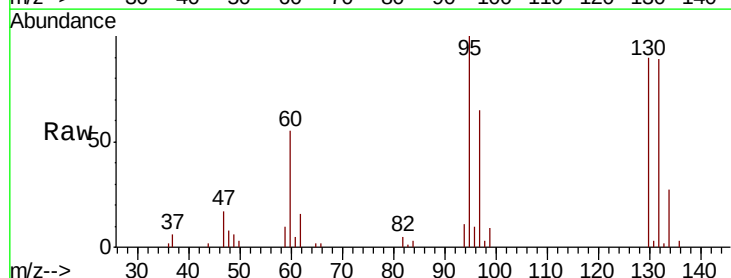
Acq: 6 May 2020 16:59

Tgt Ion: 130 Resp: 22989

Ion Ratio Lower Upper

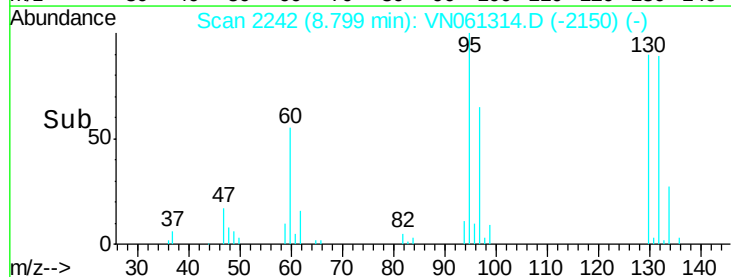
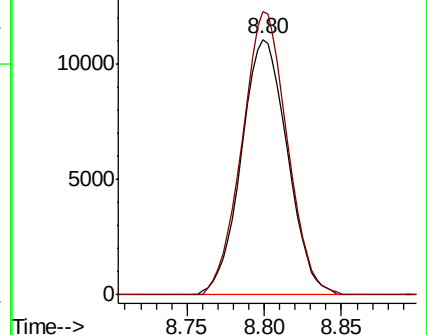
130 100

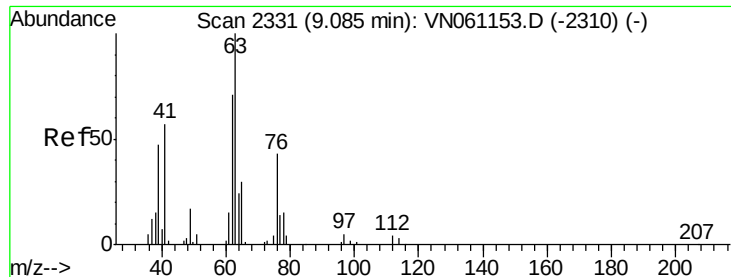
95 110.6 0.0 212.4



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

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

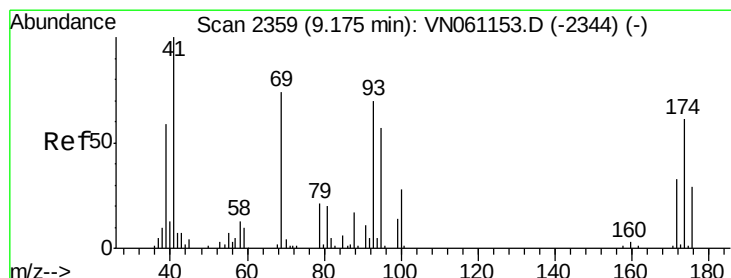
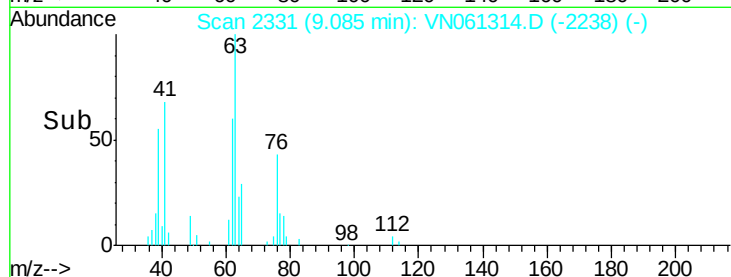
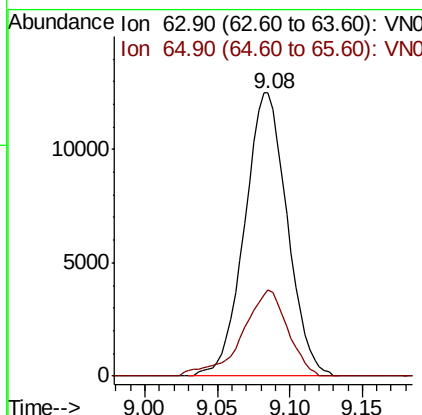
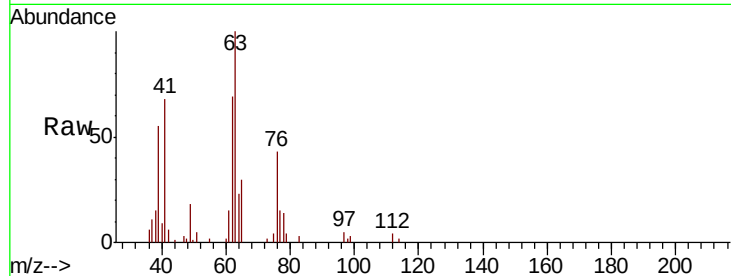




#45
 1,2-Dichloropropane
 Concen: 17.936 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

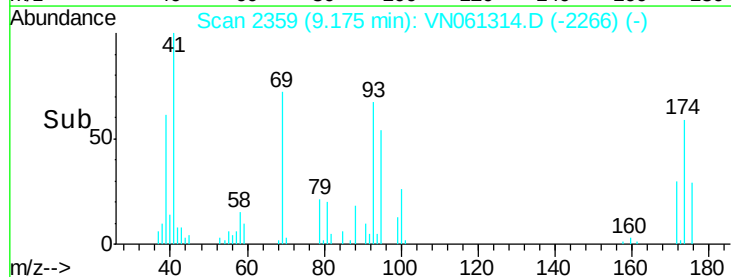
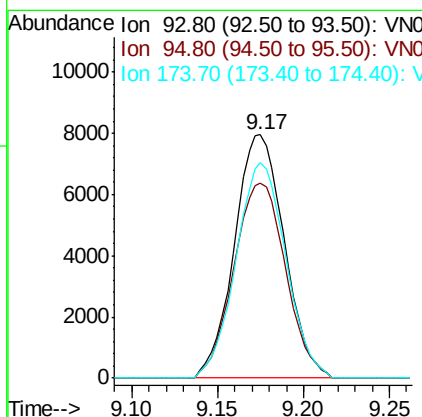
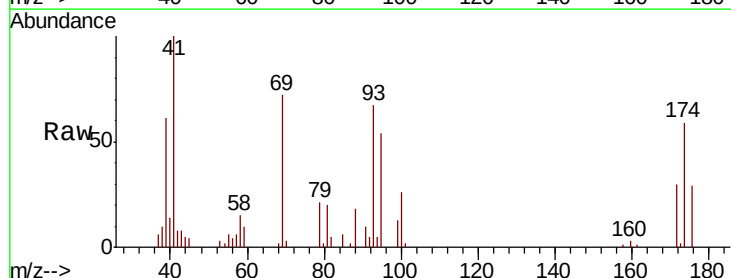
Instrument :
 MSVOA_N
 ClientSampleId :

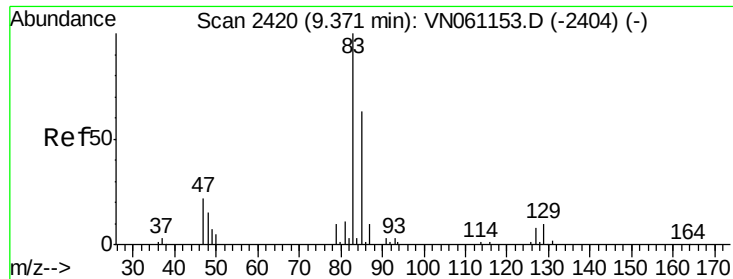
Tot Ion: 63 Resp: 25614
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1



#46
 Dibromomethane
 Concen: 18.144 ug/l
 RT: 9.17 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion: 93 Resp: 16044
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.6 99.8
 174 88.4 70.2 105.2





#47

Bromodichloromethane

Concen: 18.118 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

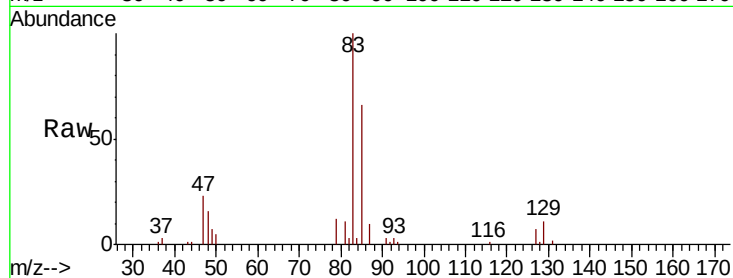
Tot Ion: 83 Resp: 34387

Ion Ratio Lower Upper

83 100

85 65.7 50.4 75.6

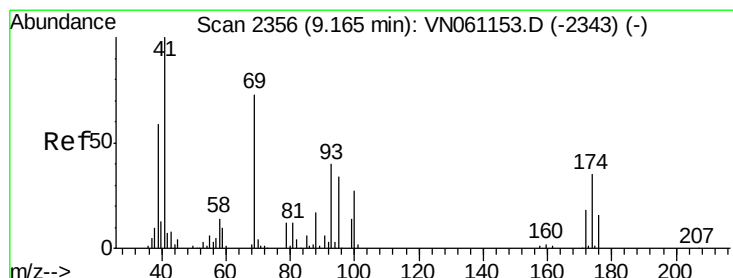
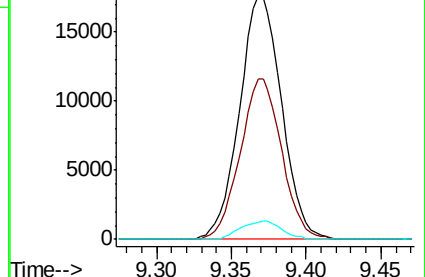
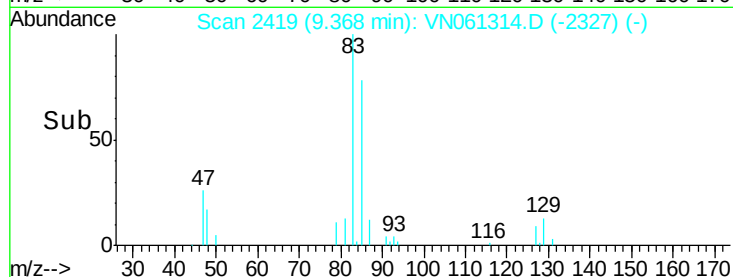
127 7.1 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)



#48

Methyl methacrylate

Concen: 18.468 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

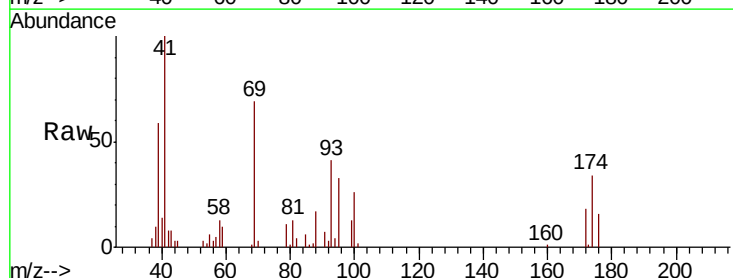
Tgt Ion: 41 Resp: 29092

Ion Ratio Lower Upper

41 100

69 71.8 60.3 90.5

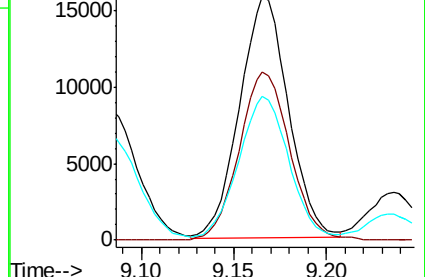
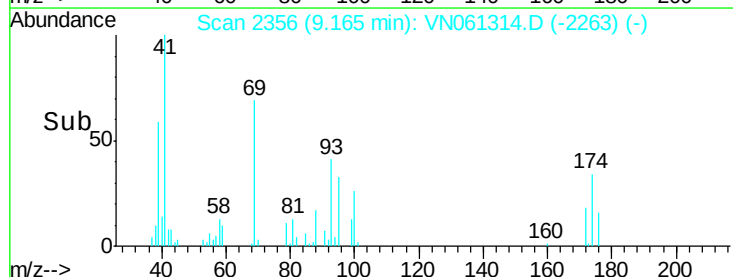
39 61.9 47.4 71.0

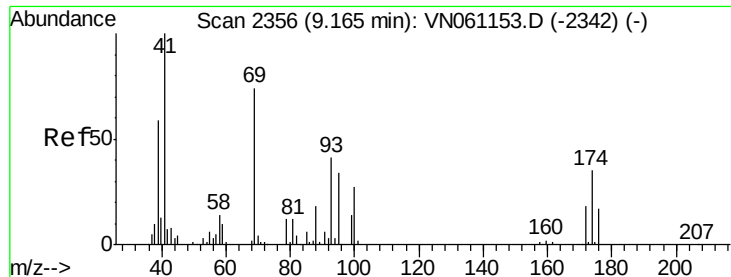


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

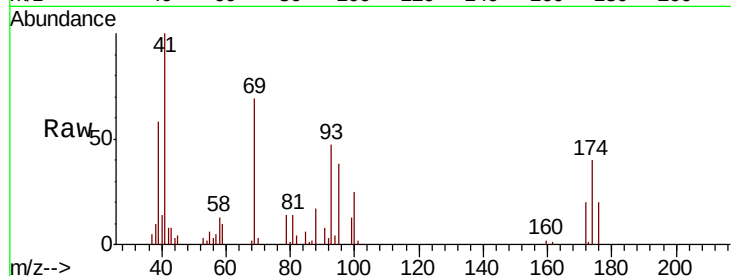




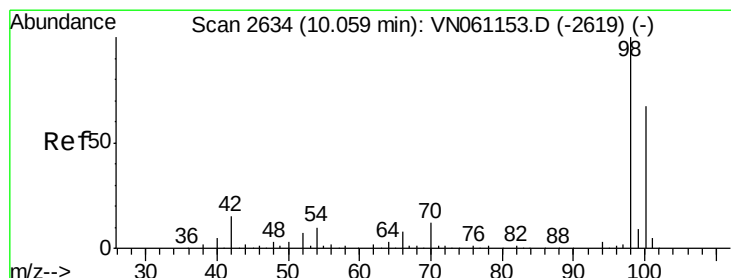
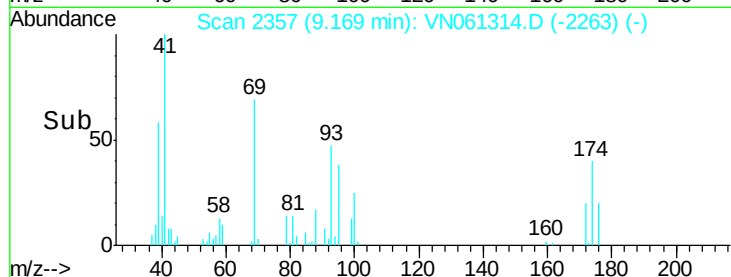
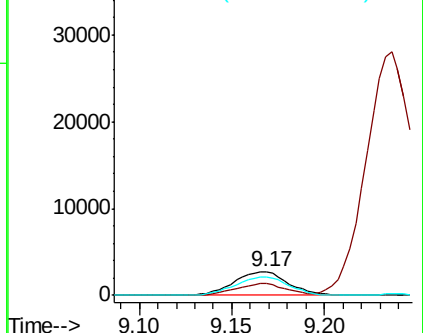
#49
1,4-Dioxane
Concen: 307.021 ug/l
RT: 9.17 min Scan# 2357
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 5490
Ion Ratio Lower Upper
88 100
43 45.2 35.3 52.9
58 77.7 61.5 92.3

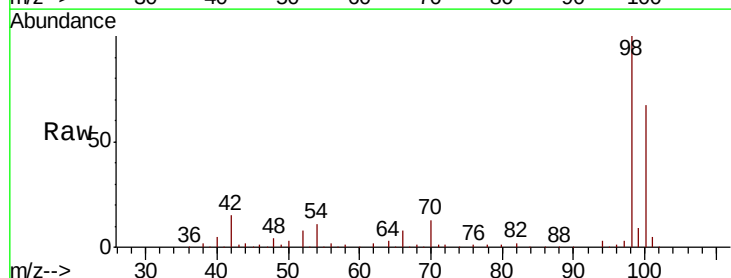


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

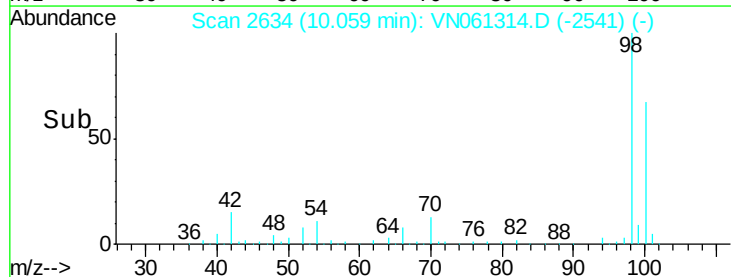
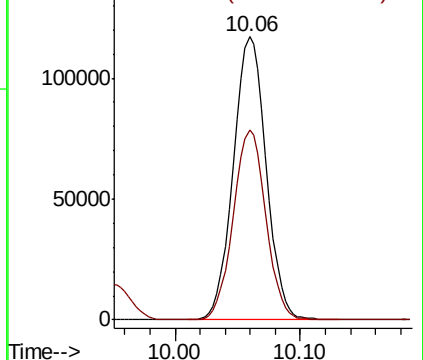


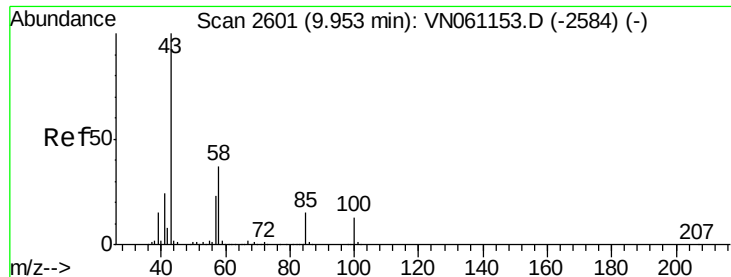
#50
Toluene-d8
Concen: 49.349 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 98 Resp: 213216
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



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

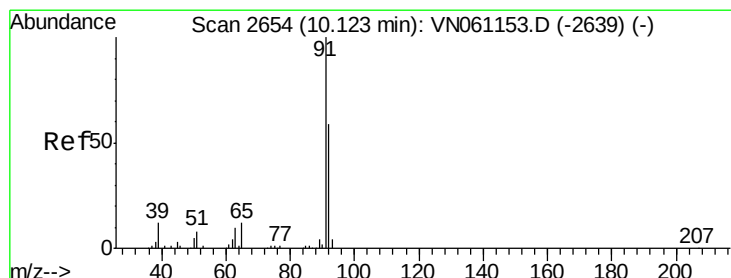
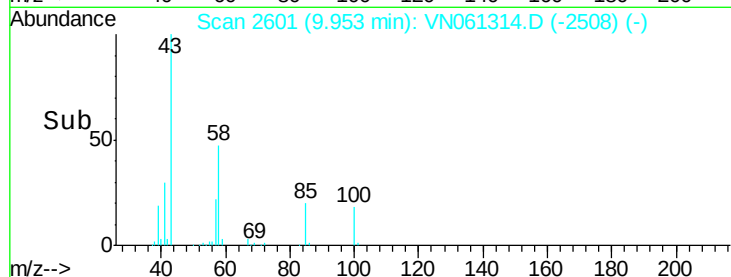
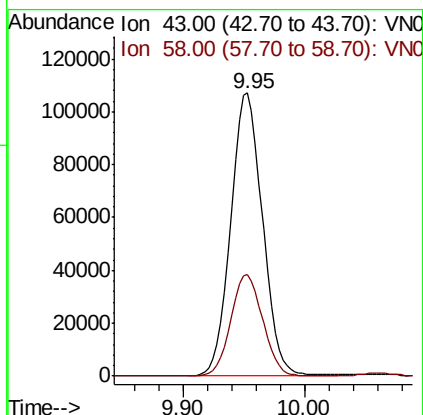
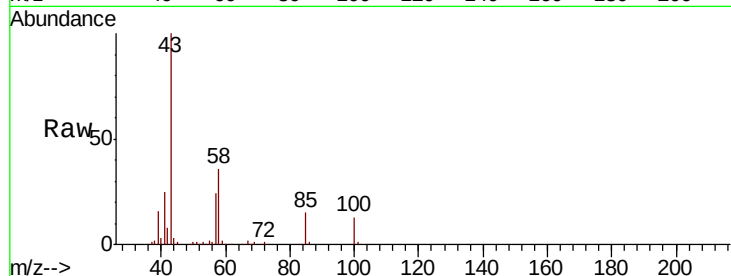




#51
 4-Methyl-2-Pentanone
 Concen: 94.648 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

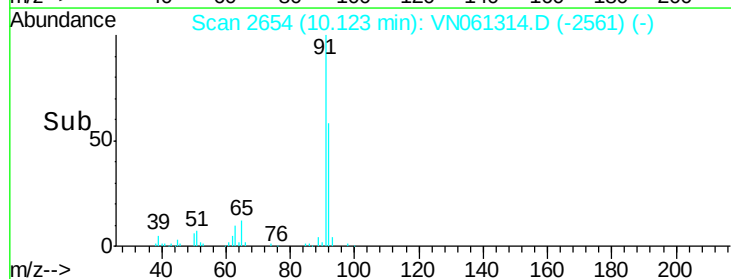
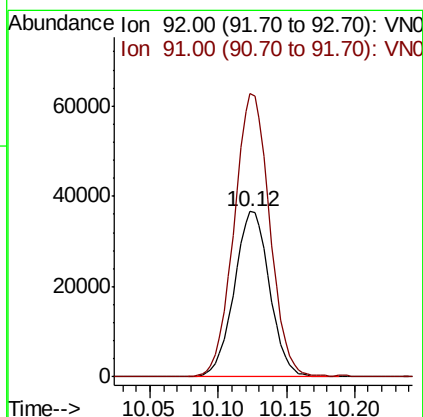
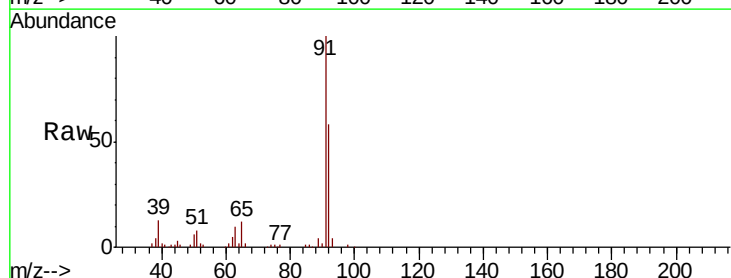
Instrument :
 MSVOA_N
 ClientSampled :

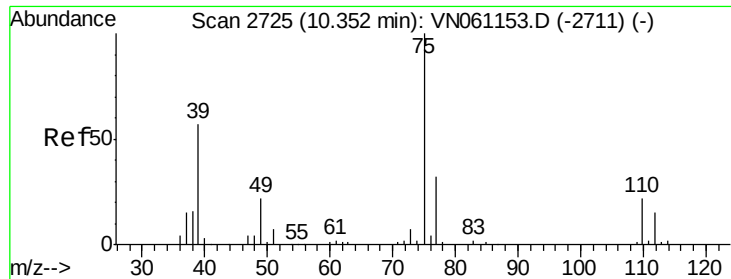
Tot Ion: 43 Resp: 194484
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.1 43.7



#52
 Toluene
 Concen: 20.462 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion: 92 Resp: 65883
 Ion Ratio Lower Upper
 92 100
 91 172.6 136.2 204.2

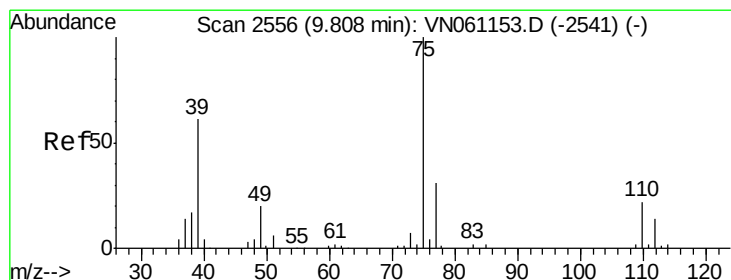
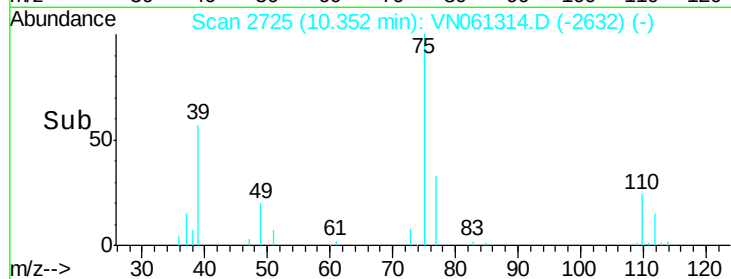
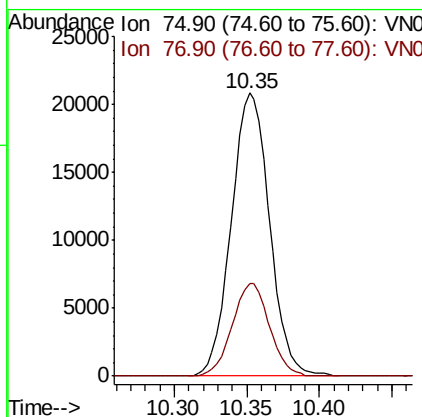
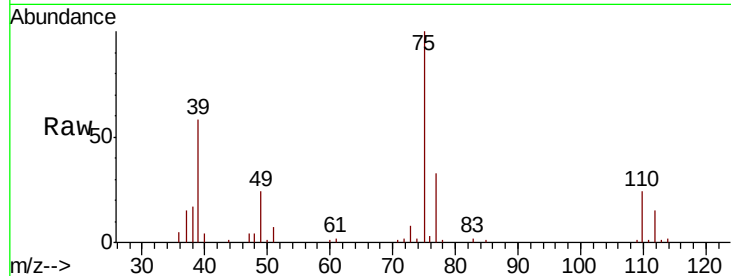




#53
t-1,3-Dichloropropene
Concen: 17.835 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

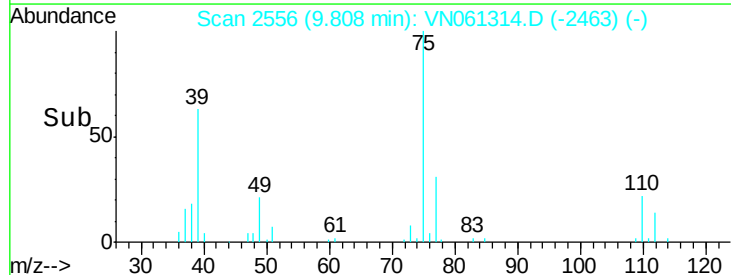
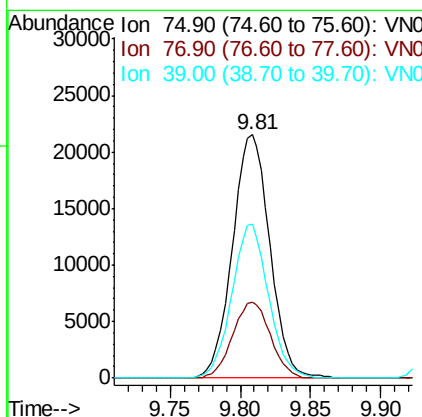
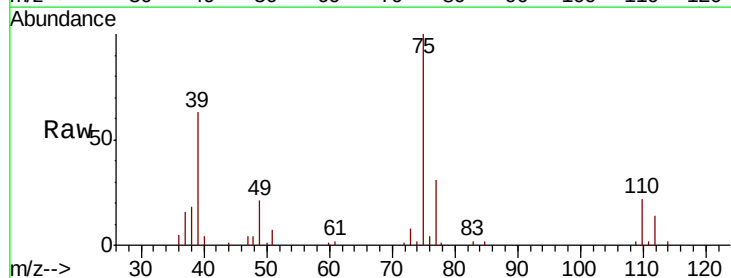
Instrument :
MSVOA_N
ClientSampleId :

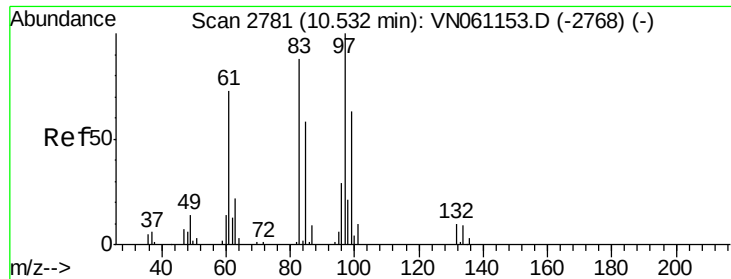
Tot Ion: 75 Resp: 38141
Ion Ratio Lower Upper
75 100
77 32.5 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 17.697 ug/l
RT: 9.81 min Scan# 2556
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 75 Resp: 40012
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 63.0 48.7 73.1

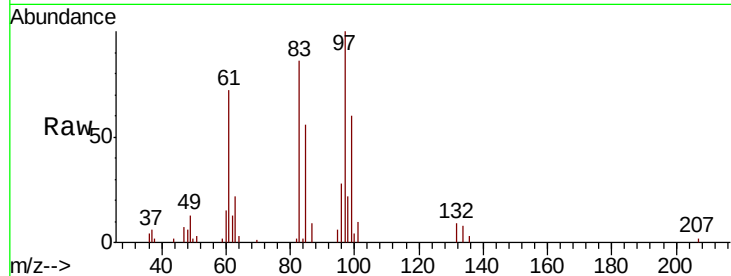




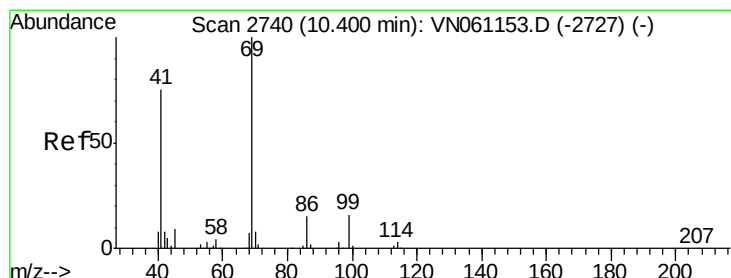
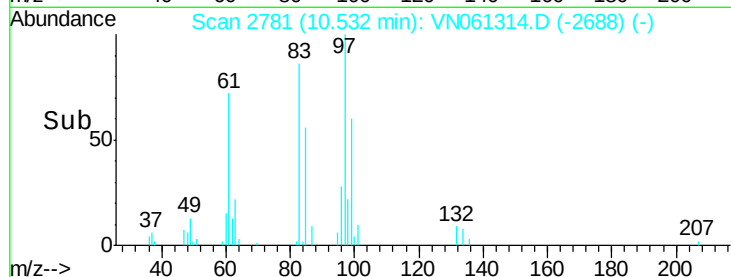
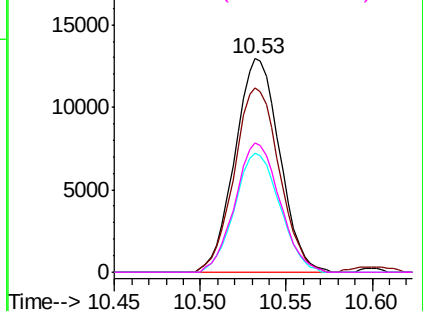
#55
 1,1,2-Trichloroethane
 Concen: 18.213 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	23391
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.6	106.0
85	56.0	46.4	69.6
99	60.3	50.6	75.8

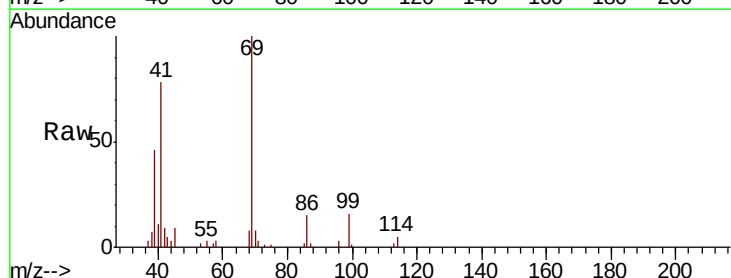


Abundance Ion 96.90 (96.60 to 97.60): VN061314.D (-2688) (-)
 Ion 82.90 (82.60 to 83.60): VN061314.D (-2688) (-)
 Ion 84.90 (84.60 to 85.60): VN061314.D (-2688) (-)
 Ion 98.90 (98.60 to 99.60): VN061314.D (-2688) (-)

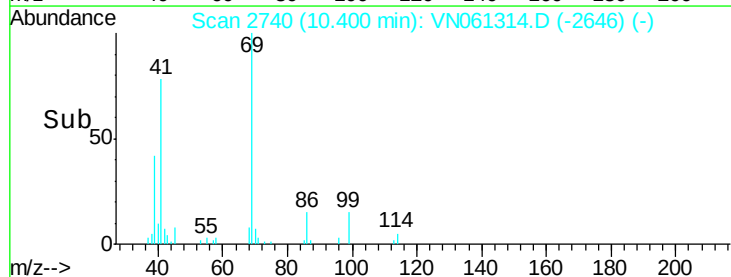
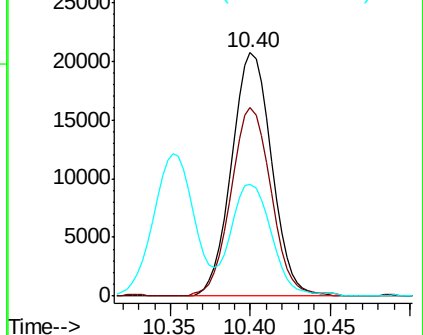


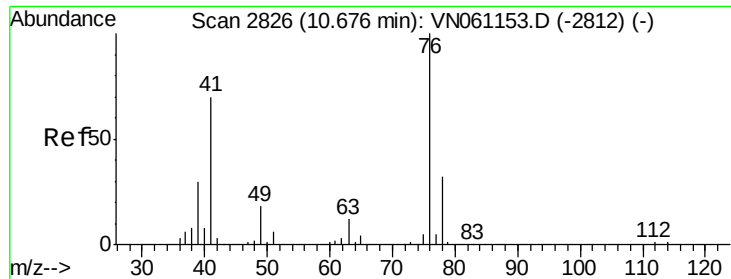
#56
 Ethyl methacrylate
 Concen: 17.630 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion:	69	Resp:	35276
Ion	Ratio	Lower	Upper
69	100		
41	78.1	60.3	90.5
39	45.2	35.9	53.9



Abundance Ion 69.00 (68.70 to 69.70): VN061314.D (-2646) (-)
 Ion 41.00 (40.70 to 41.70): VN061314.D (-2646) (-)
 Ion 39.00 (38.70 to 39.70): VN061314.D (-2646) (-)

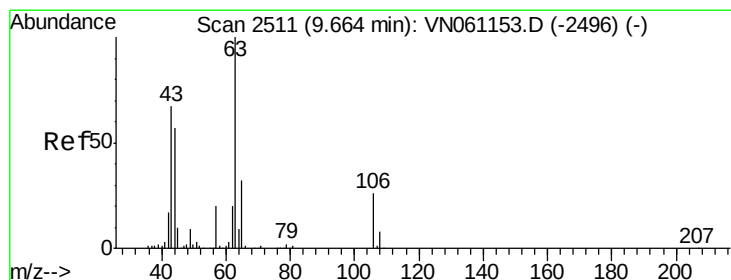
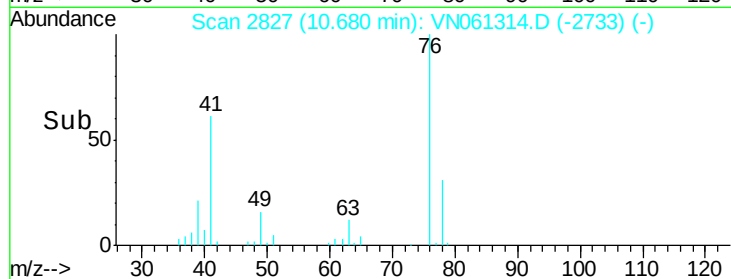
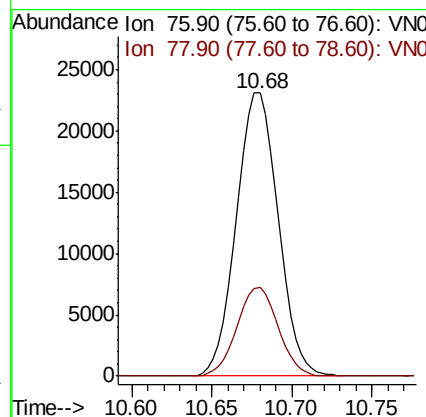
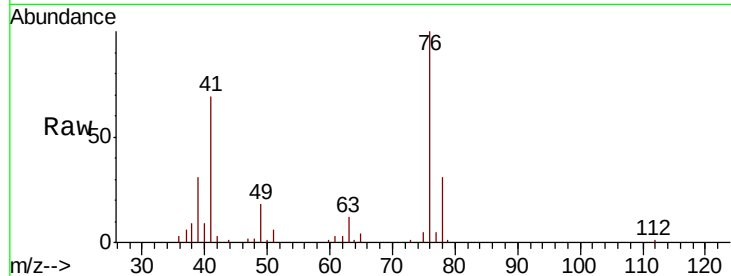




#57
 1,3-Dichloropropane
 Concen: 18.258 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

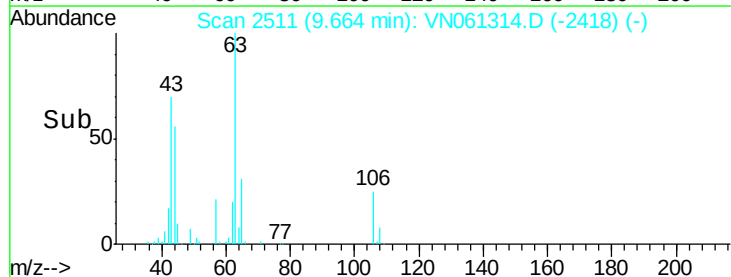
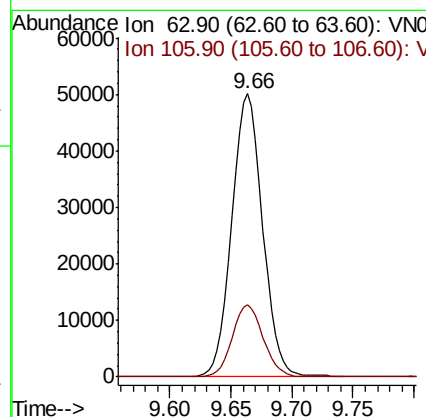
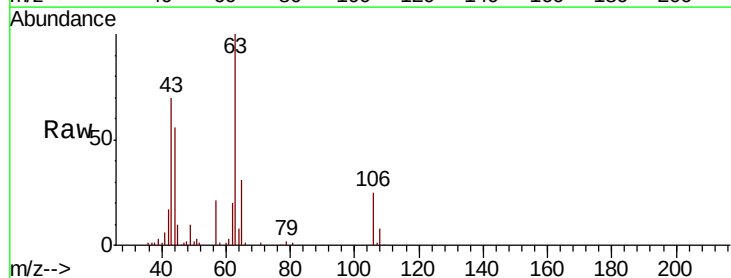
Instrument :
 MSVOA_N
 ClientSampled :

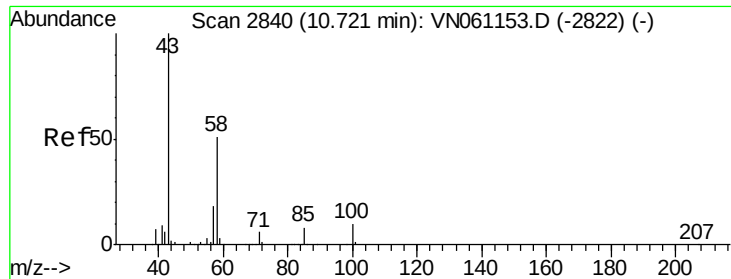
Tot Ion: 76 Resp: 41216
 Ion Ratio Lower Upper
 76 100
 78 30.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.126 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion: 63 Resp: 88493
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.6 30.8

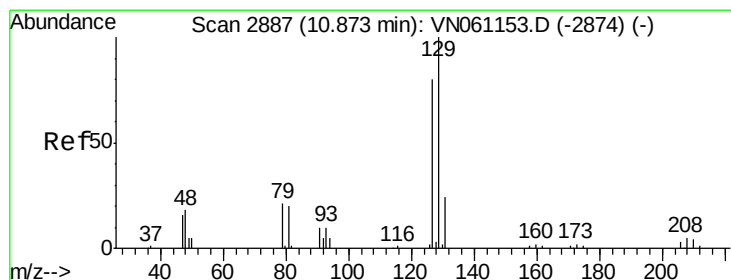
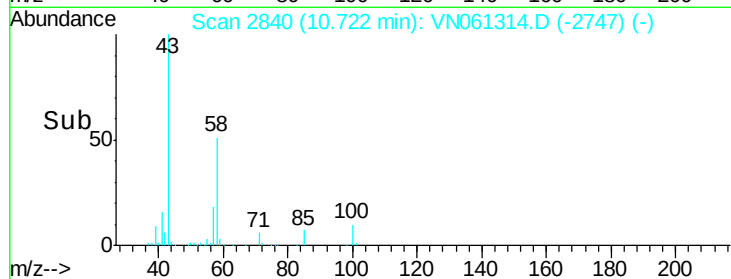
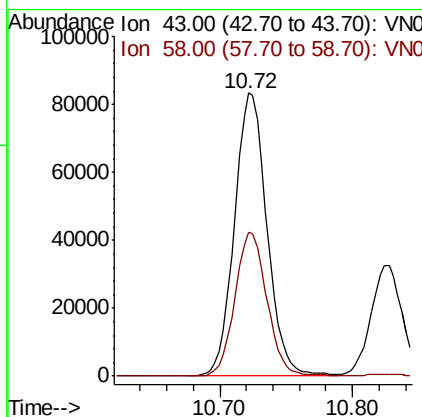
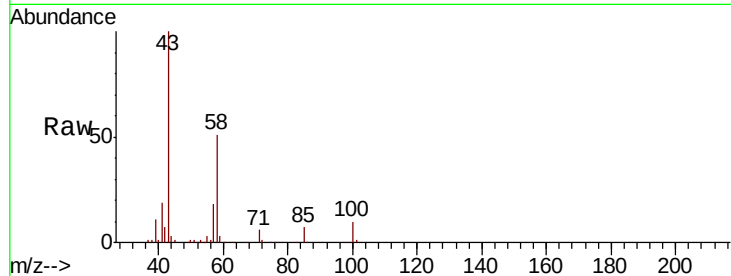




#59
2-Hexanone
Concen: 95.009 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

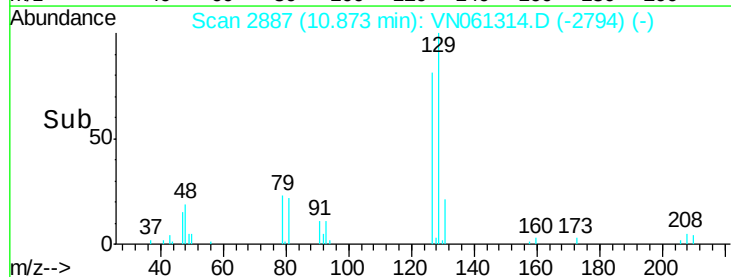
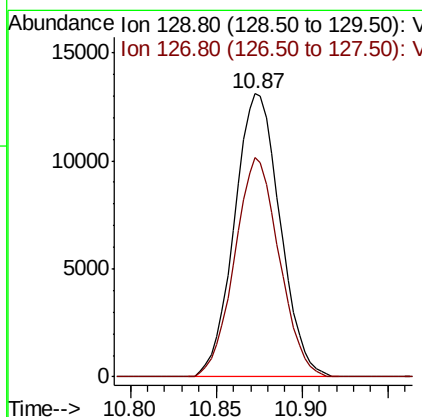
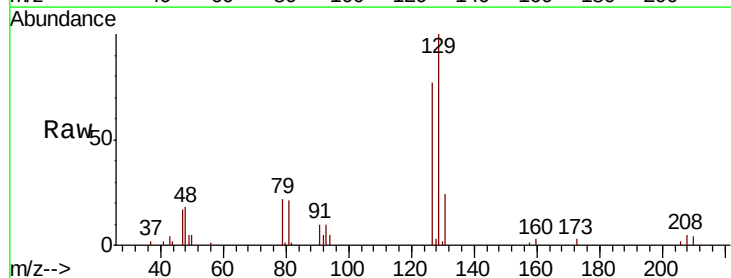
Instrument :
MSVOA_N
ClientSampled :

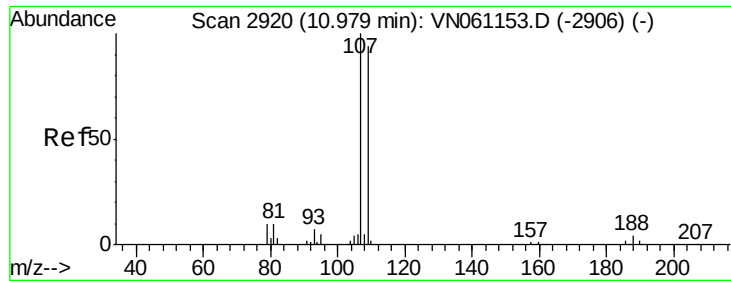
Tot Ion: 43 Resp: 142031
Ion Ratio Lower Upper
43 100
58 50.2 25.4 76.4



#60
Dibromochloromethane
Concen: 18.006 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 129 Resp: 24220
Ion Ratio Lower Upper
129 100
127 75.6 39.3 117.8

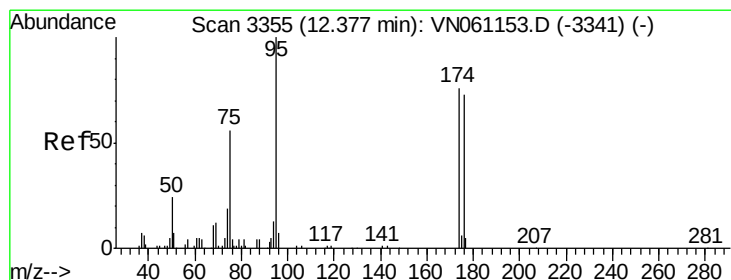
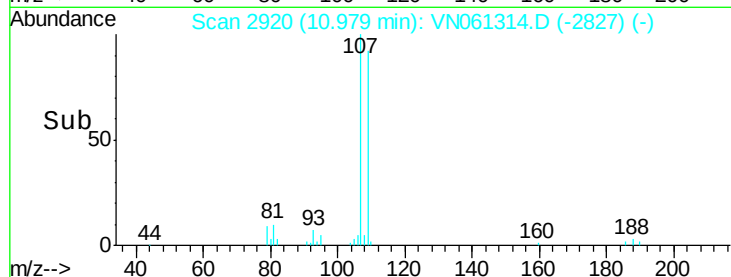
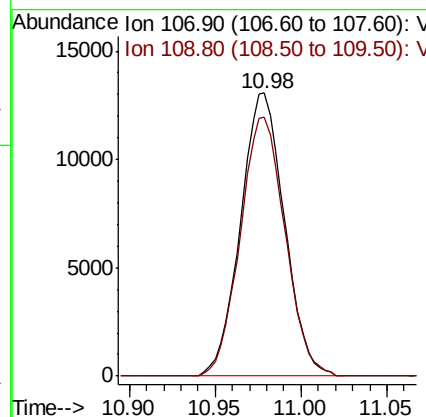
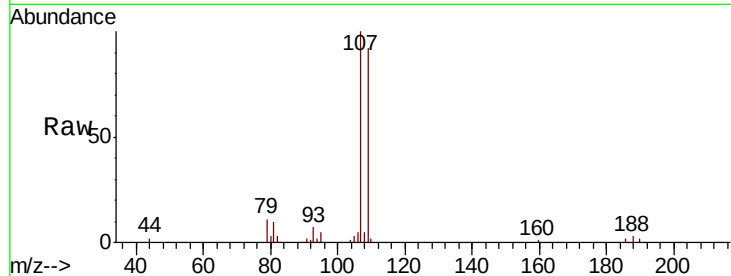




#61
 1,2-Dibromoethane
 Concen: 17.984 ug/l
 RT: 10.98 min Scan# 2920
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

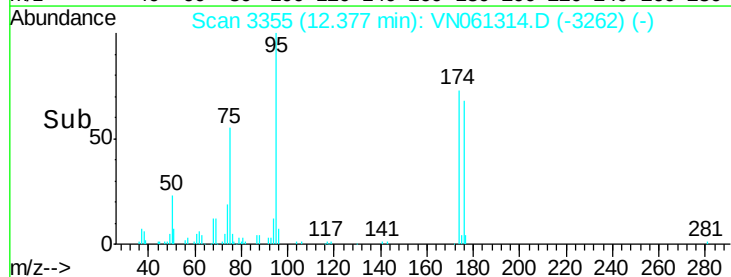
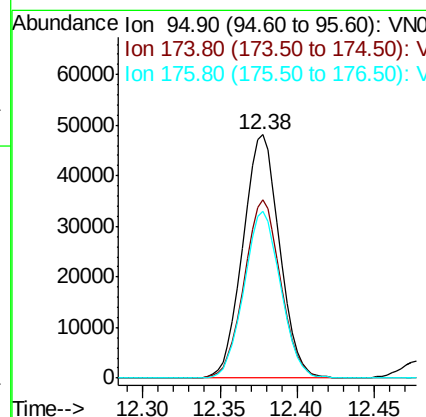
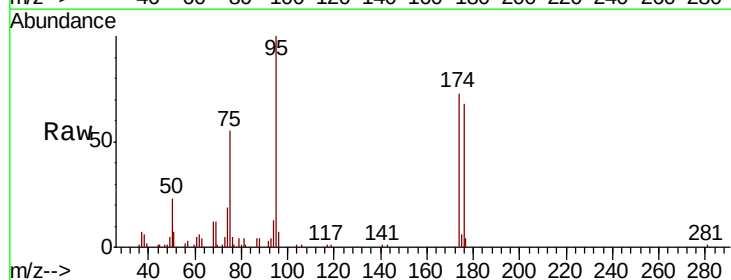
Instrument :
 MSVOA_N
 ClientSampleId :

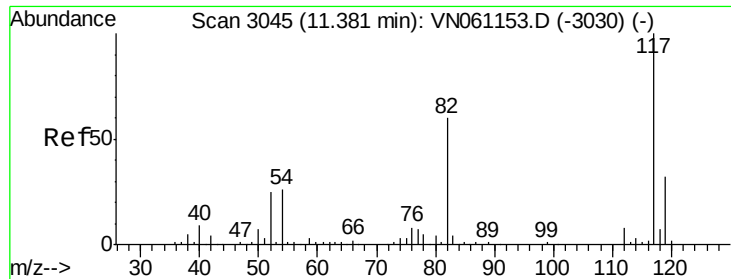
Tot Ion:107 Resp: 23149
 Ion Ratio Lower Upper
 107 100
 109 93.4 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.759 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion: 95 Resp: 79278
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 149.4
 176 68.4 0.0 144.8

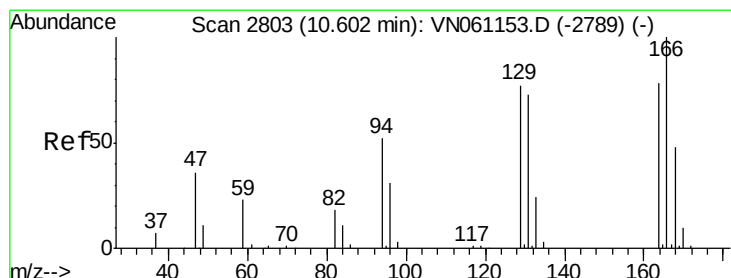
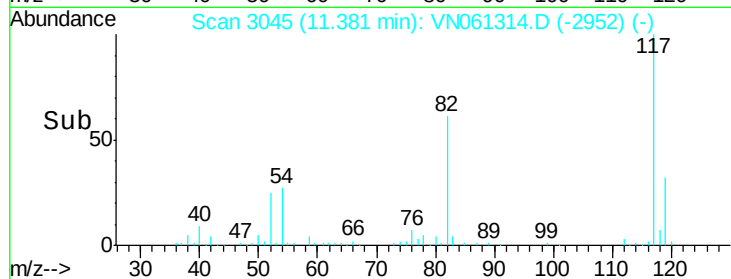
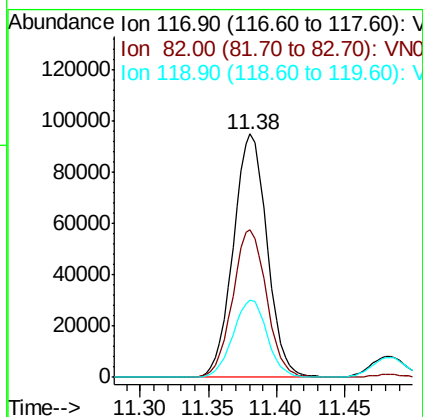
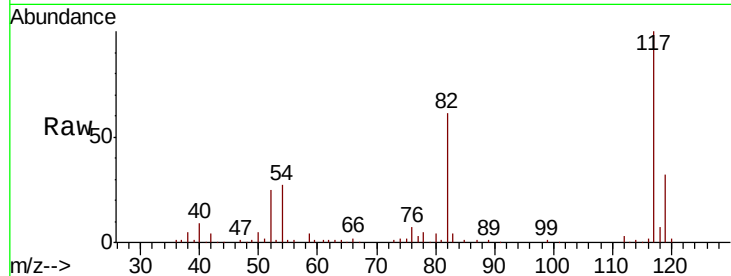




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

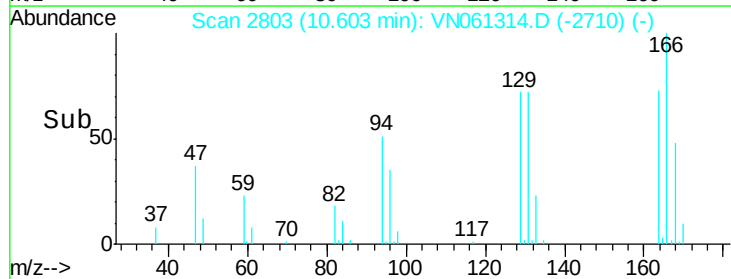
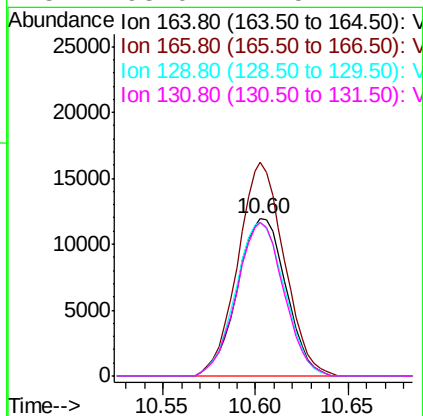
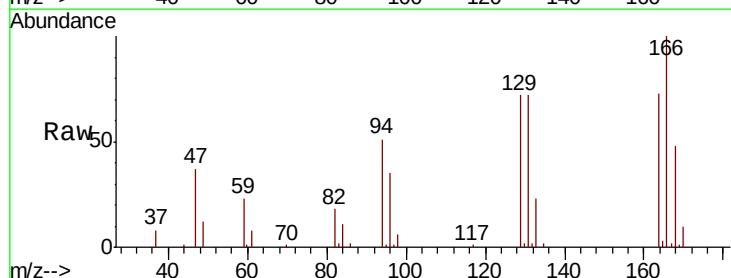
Instrument :
MSVOA_N
ClientSampleId :

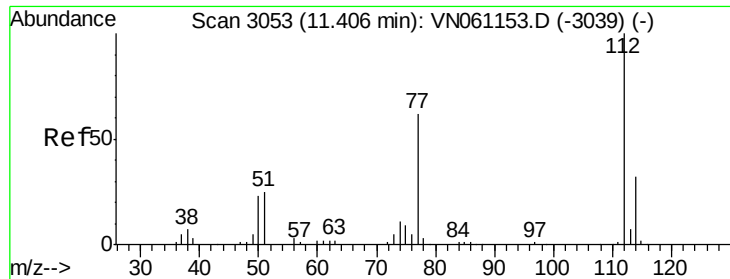
Tot Ion:117 Resp: 163689
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 15.375 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion:164 Resp: 21798
Ion Ratio Lower Upper
164 100
166 136.1 102.0 153.0
129 98.2 78.2 117.2
131 98.0 74.5 111.7

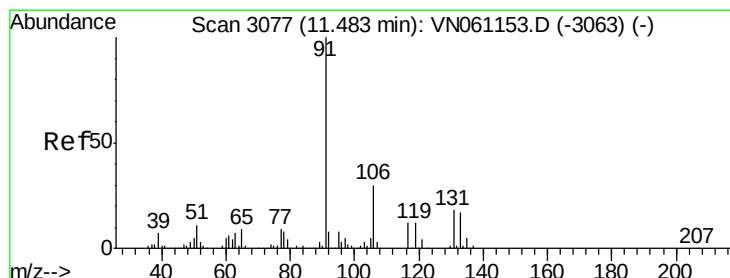
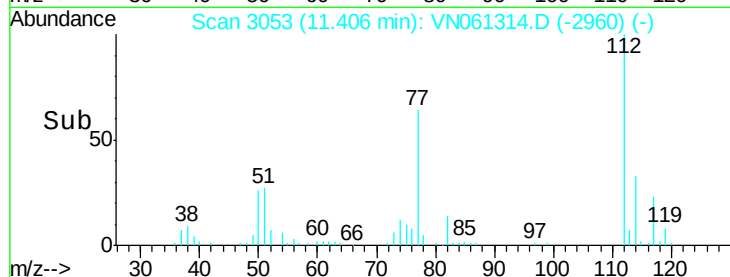
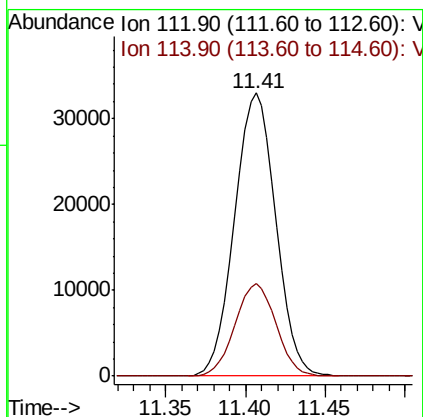
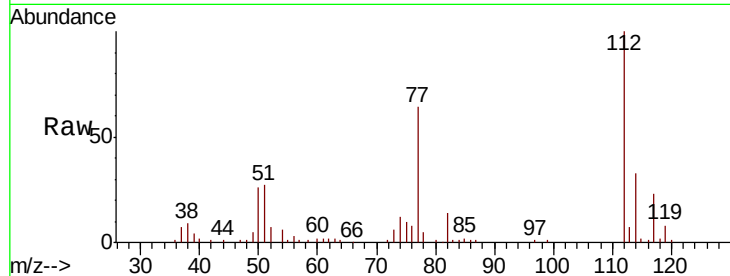




#65
Chlorobenzene
Concen: 17.808 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

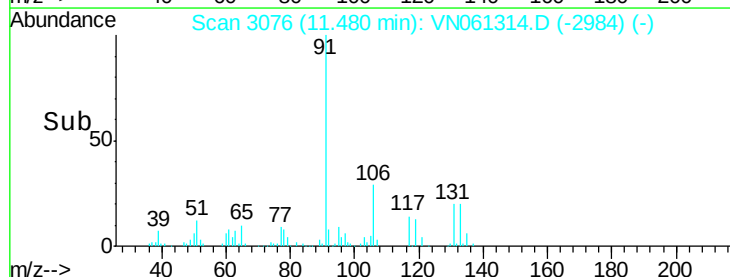
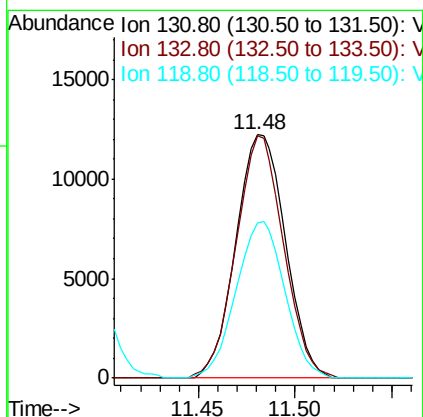
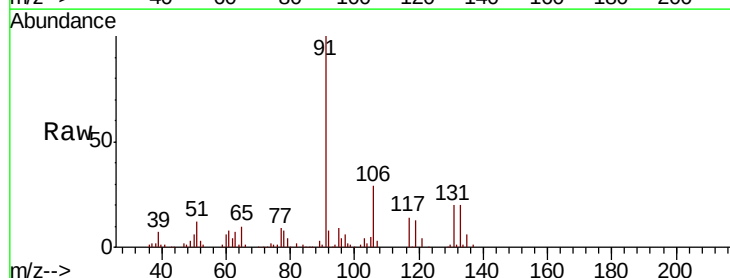
Instrument :
MSVOA_N
ClientSampled :

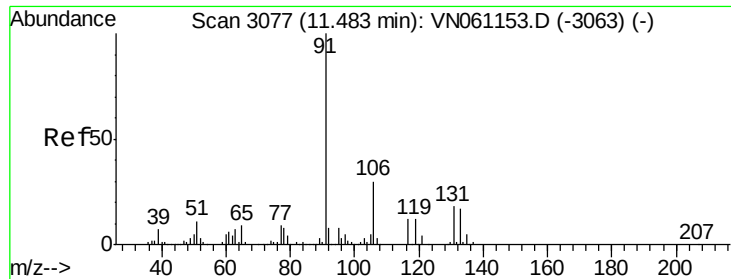
Tot Ion:112 Resp: 57822
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.737 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion:131 Resp: 21775
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.2
119 63.7 32.6 97.8

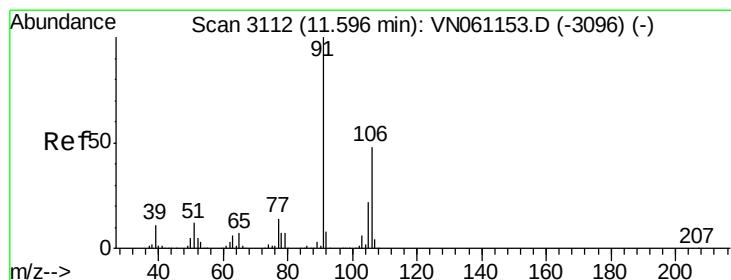
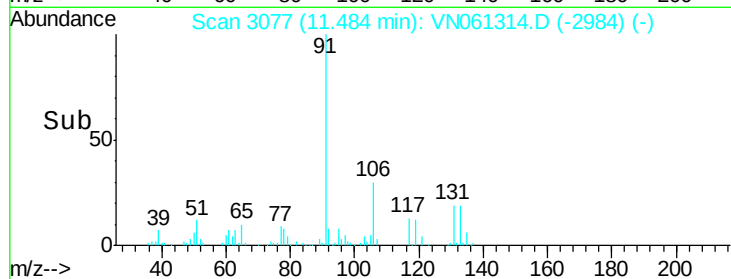
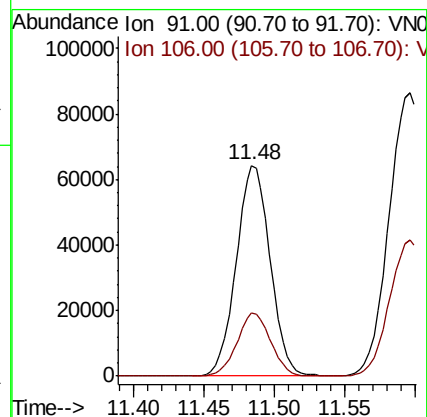
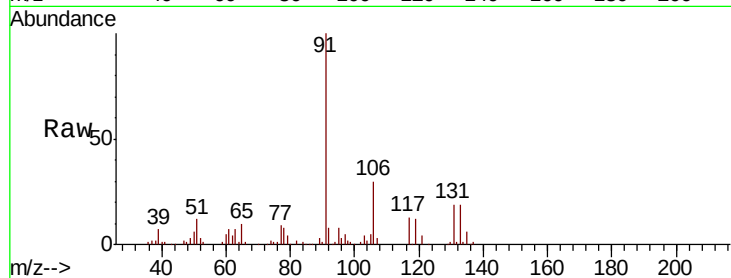




#67
Ethyl Benzene
Concen: 17.819 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

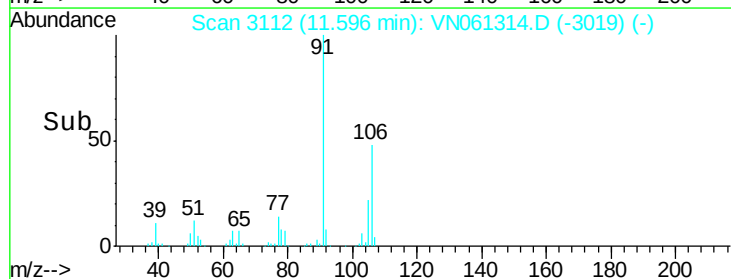
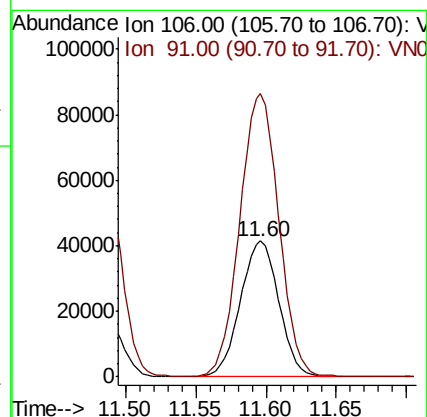
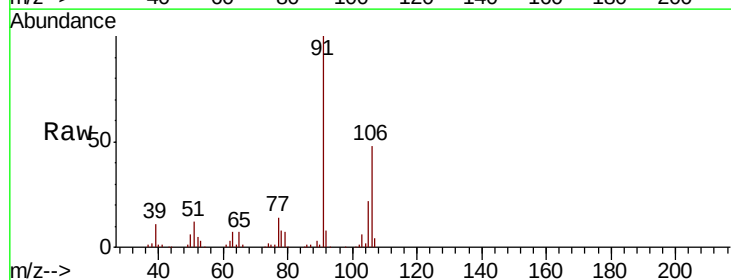
Instrument :
MSVOA_N
ClientSampleId :

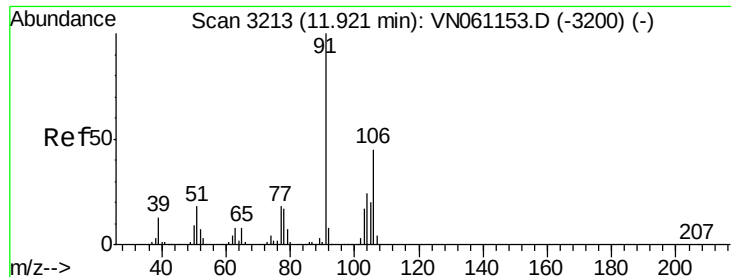
Tot Ion: 91 Resp: 108310
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 35.591 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion: 106 Resp: 79186
Ion Ratio Lower Upper
106 100
91 211.7 166.4 249.6

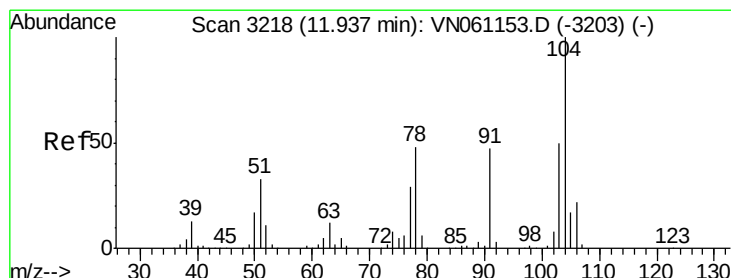
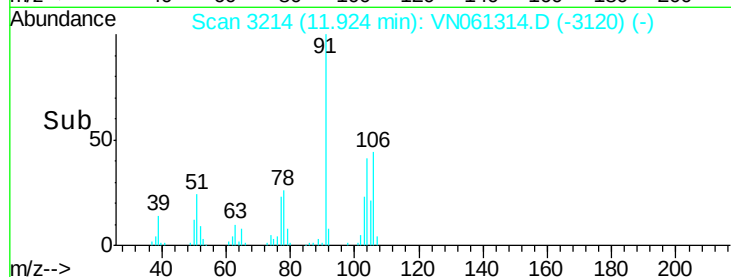
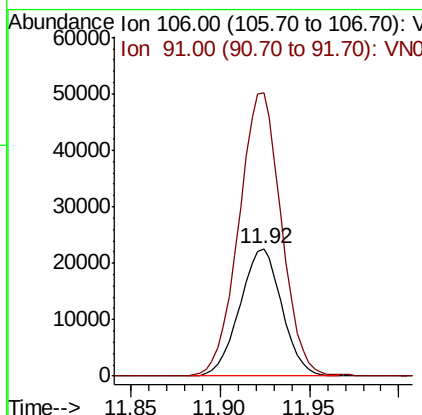
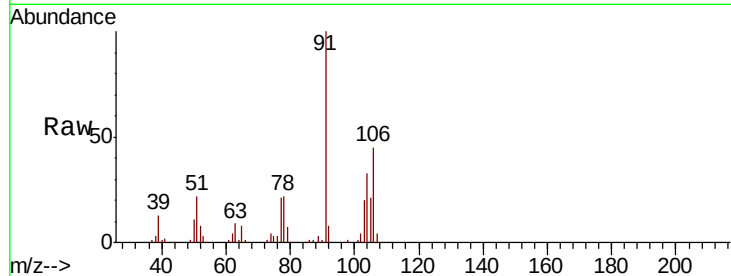




#69
o-Xylene
Concen: 17.419 ug/l
RT: 11.92 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

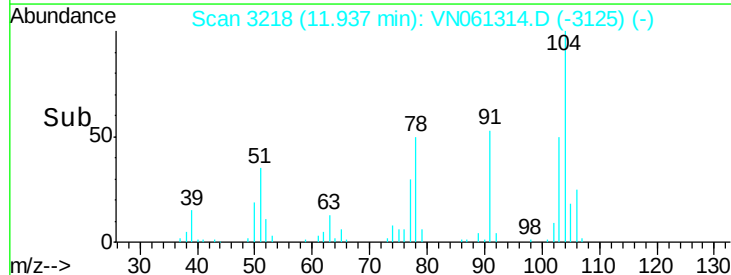
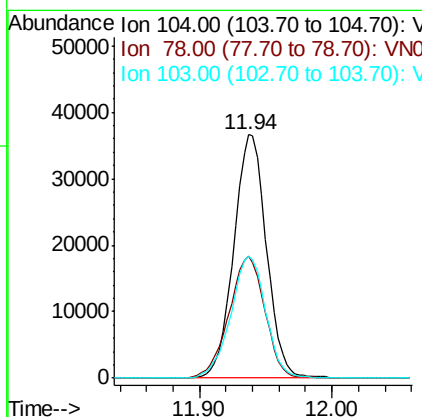
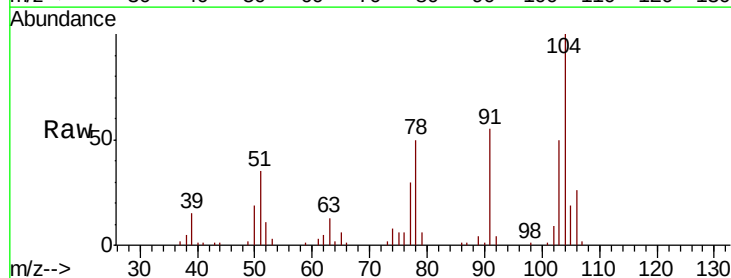
Instrument :
MSVOA_N
ClientSampled :

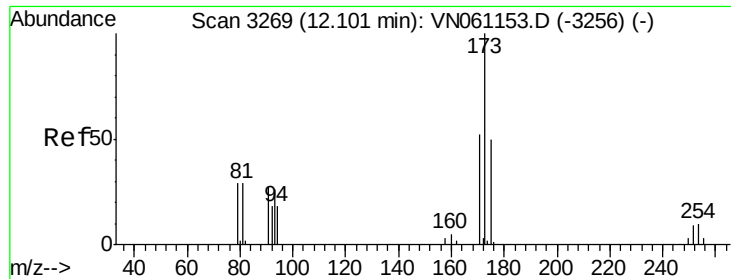
Tot Ion:106 Resp: 37227
Ion Ratio Lower Upper
106 100
91 224.2 109.7 329.0



#70
Styrene
Concen: 17.518 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061314.D
Acq: 6 May 2020 16:59

Tgt Ion:104 Resp: 62662
Ion Ratio Lower Upper
104 100
78 54.9 42.1 63.1
103 53.6 43.3 64.9





#71

Bromoform

Concen: 18.007 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

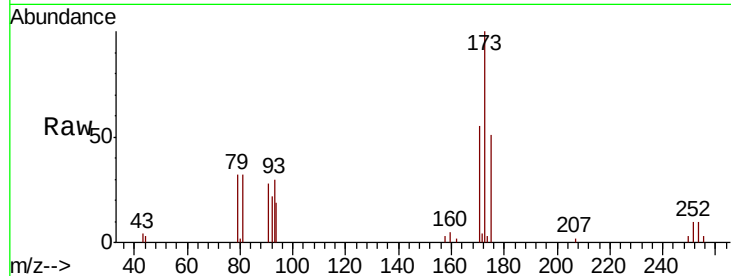
Tot Ion:173 Resp: 15380

Ion Ratio Lower Upper

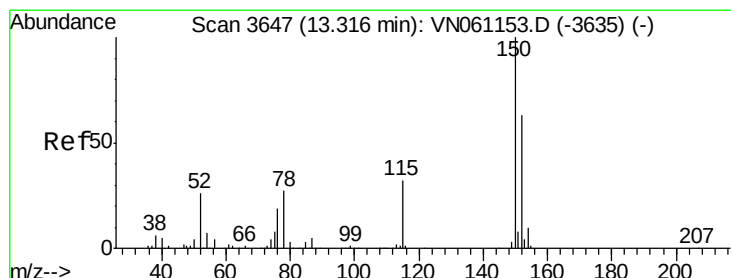
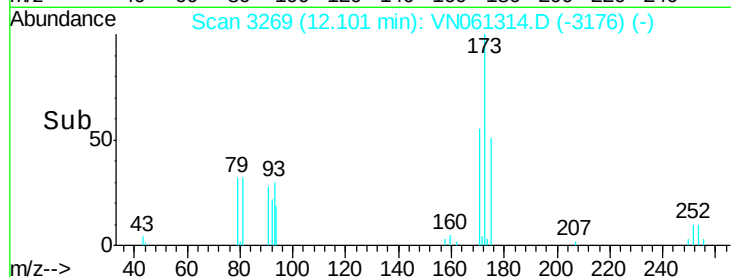
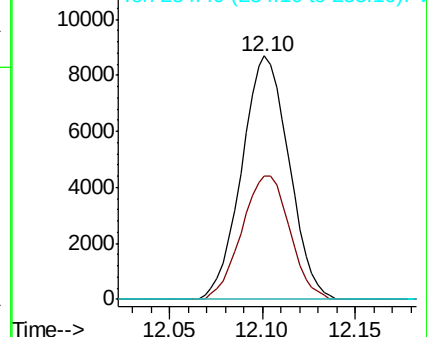
173 100

175 51.4 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

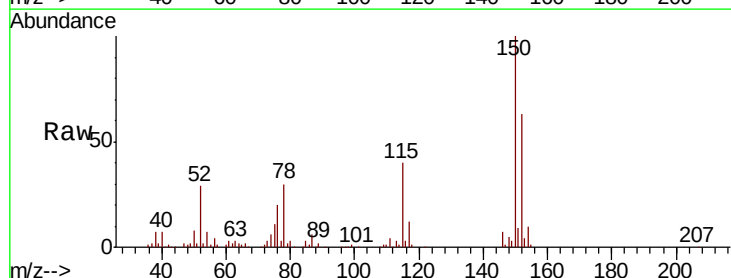
Tgt Ion:152 Resp: 75468

Ion Ratio Lower Upper

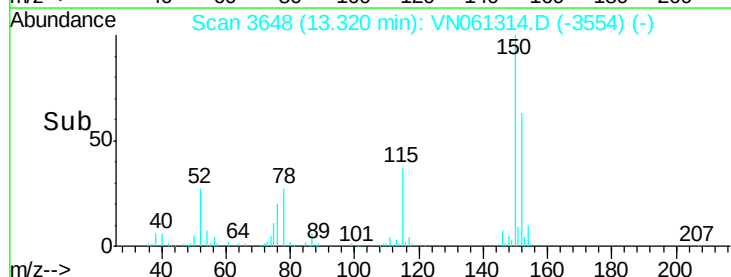
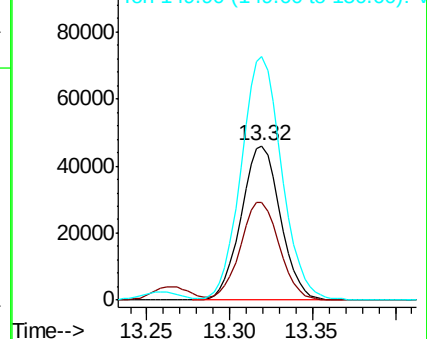
152 100

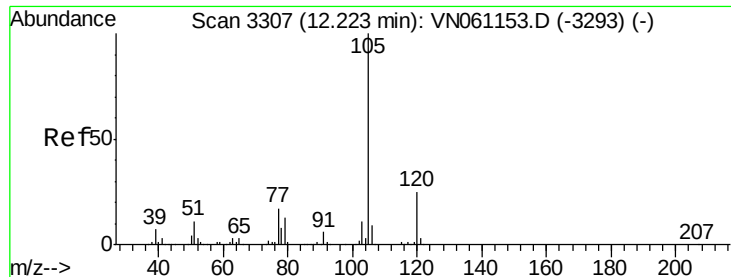
115 63.5 31.0 93.0

150 163.8 0.0 351.8



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





#73

Isopropylbenzene

Concen: 18.384 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

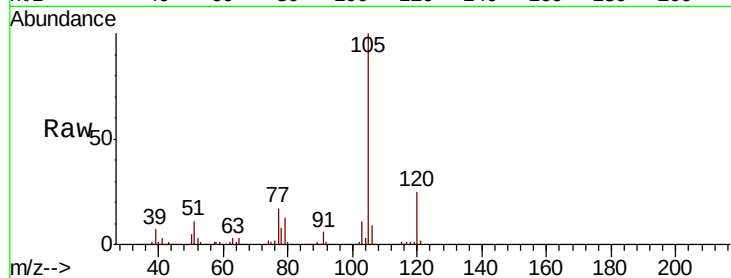
ClientSampled :

Tot Ion:105 Resp: 101992

Ion Ratio Lower Upper

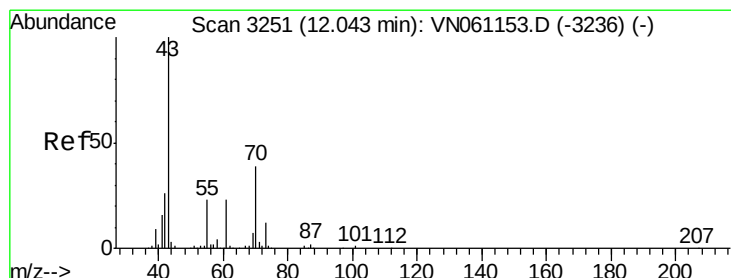
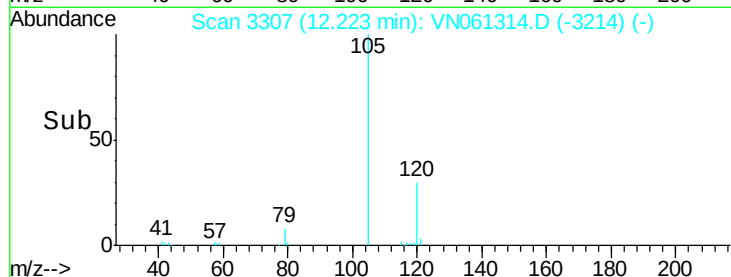
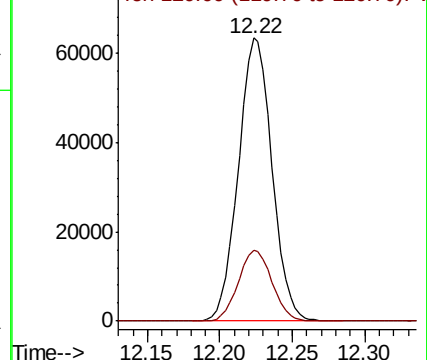
105 100

120 25.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.440 ug/l

RT: 12.05 min Scan# 3252

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Tgt Ion: 43 Resp: 51806

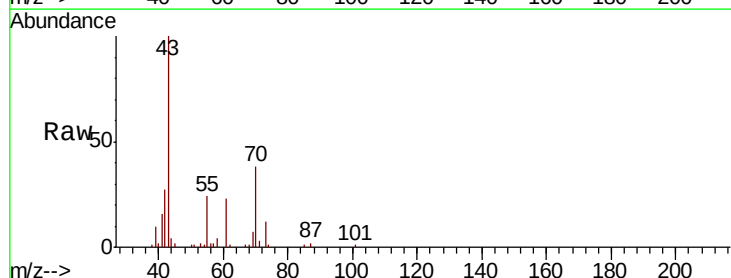
Ion Ratio Lower Upper

43 100

70 36.6 30.6 46.0

55 23.8 18.5 27.7

61 22.1 17.9 26.9

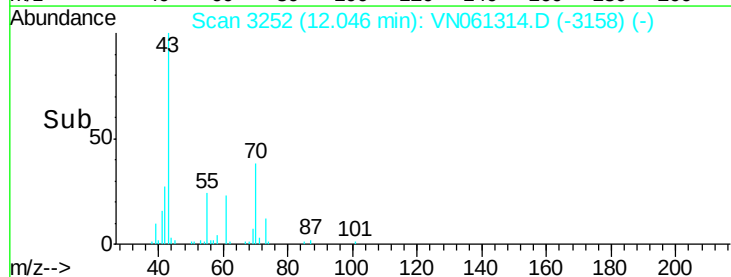
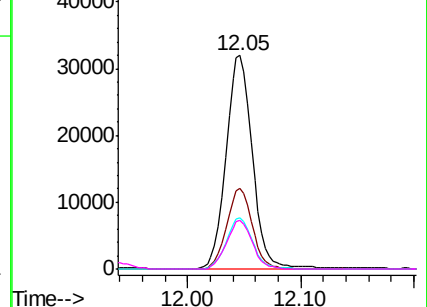


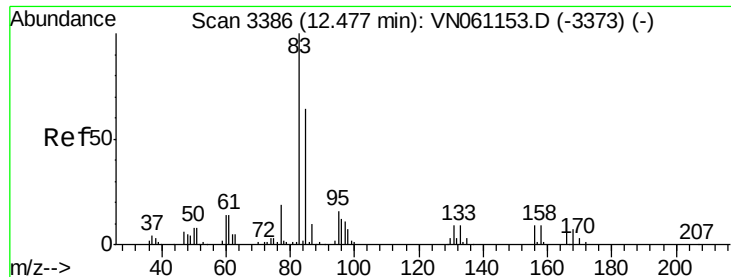
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.460 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

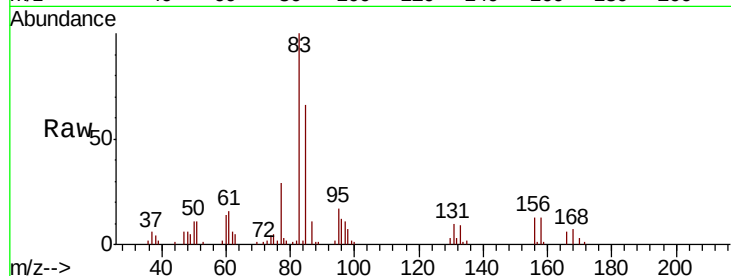
Tot Ion: 83 Resp: 33664

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

85 65.6 32.0 96.0



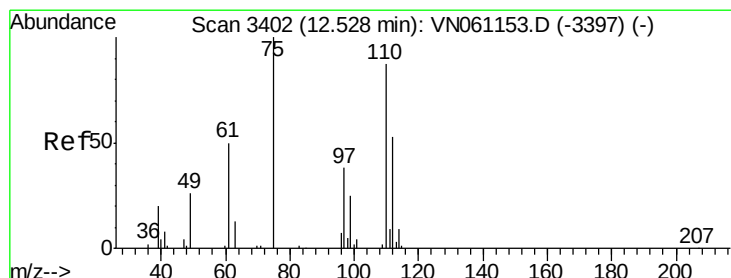
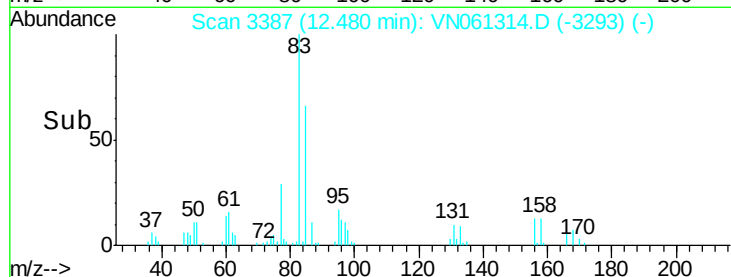
Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061153.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-3373) (-)

12.48

Time-->



#76

1,2,3-Trichloropropane

Concen: 29.172 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061314.D

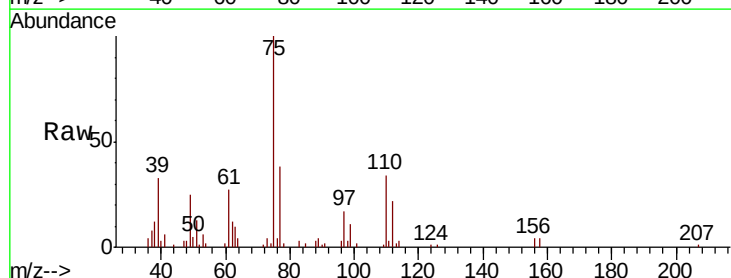
Acq: 6 May 2020 16:59

Tgt Ion: 75 Resp: 46414

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

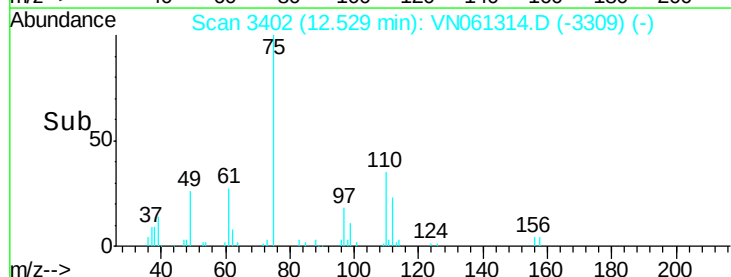


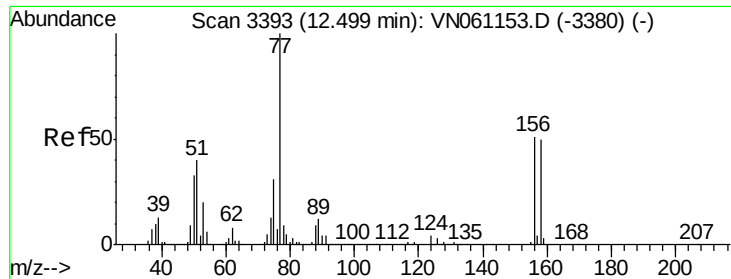
Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-3397) (-)

12.53

Time-->





#77

Bromobenzene

Concen: 18.361 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

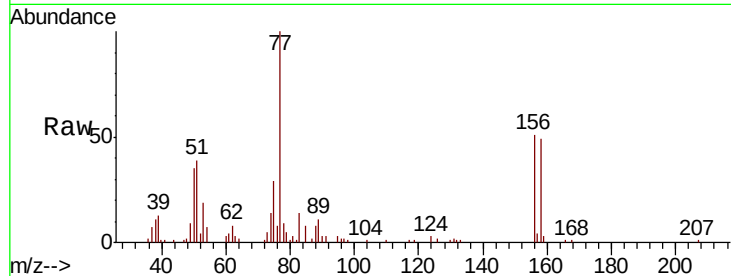
Tot Ion:156 Resp: 23515

Ion Ratio Lower Upper

156 100

77 243.1 117.4 352.2

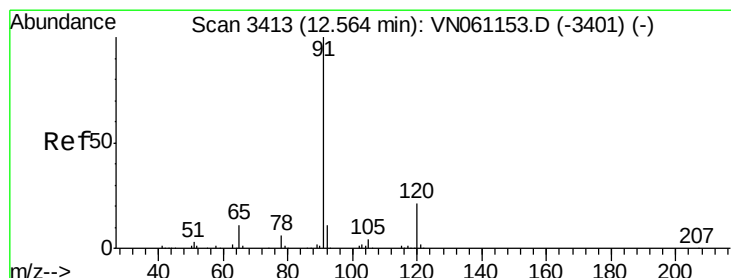
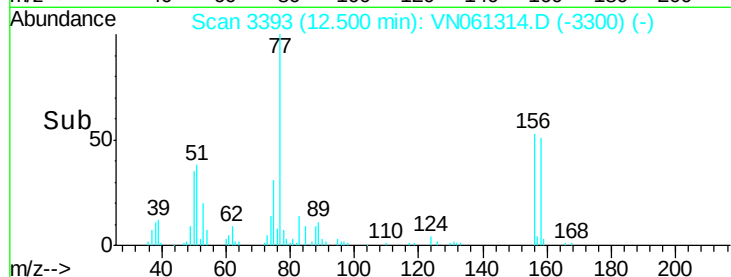
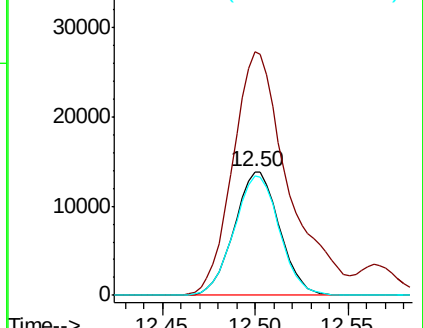
158 97.0 48.4 145.0



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: 18.173 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061314.D

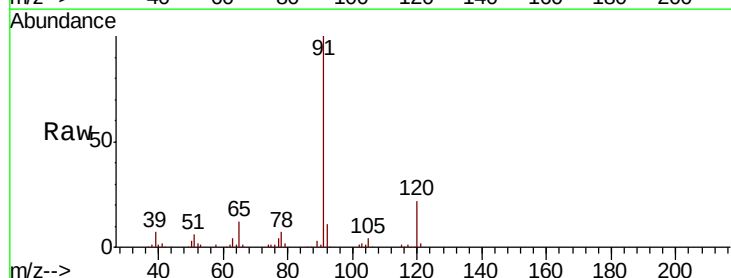
Acq: 6 May 2020 16:59

Tgt Ion: 91 Resp: 119586

Ion Ratio Lower Upper

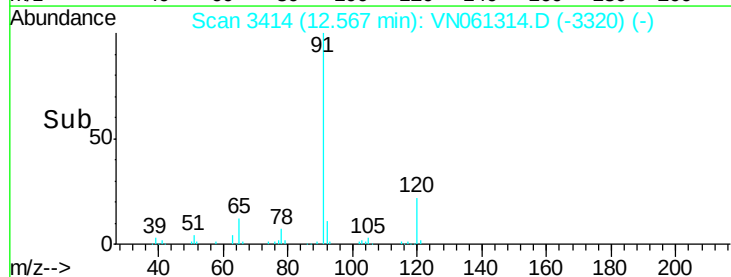
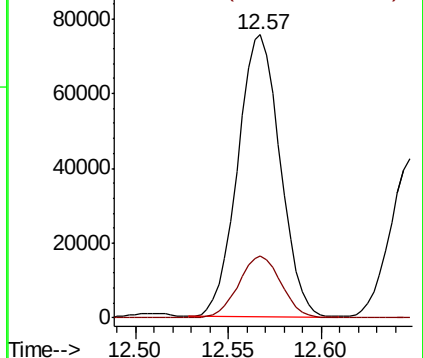
91 100

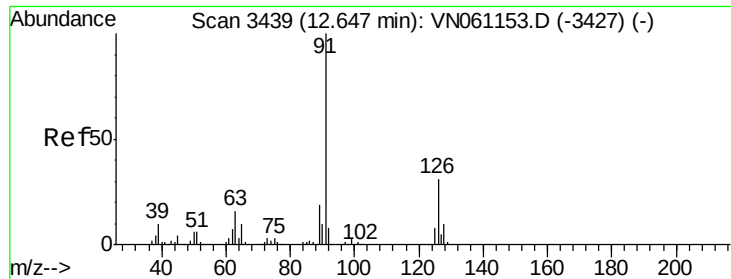
120 21.9 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.366 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

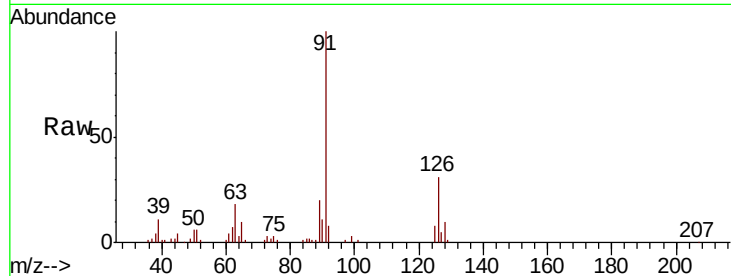
ClientSampled :

Tot Ion: 91 Resp: 71037

Ion Ratio Lower Upper

91 100

126 31.1 15.9 47.7



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

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

80000

60000

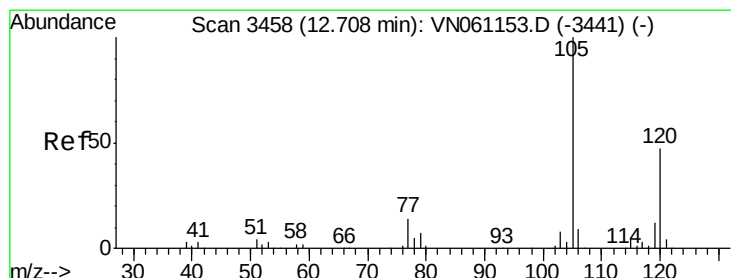
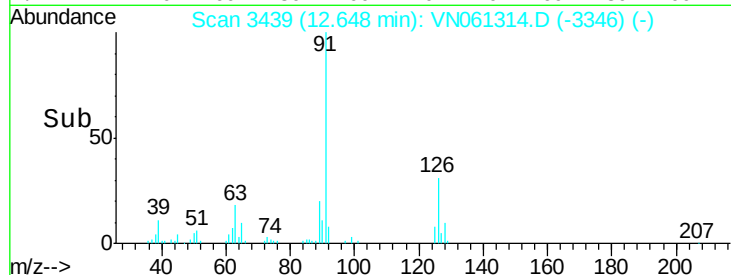
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.314 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061314.D

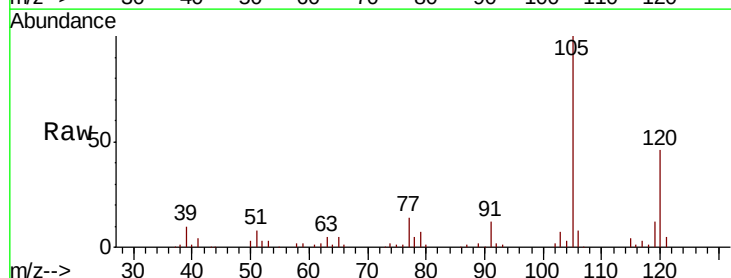
Acq: 6 May 2020 16:59

Tgt Ion: 105 Resp: 84094

Ion Ratio Lower Upper

105 100

120 46.8 23.9 71.7



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

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

60000

50000

40000

30000

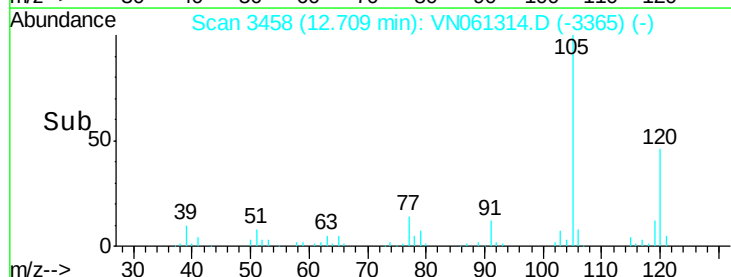
20000

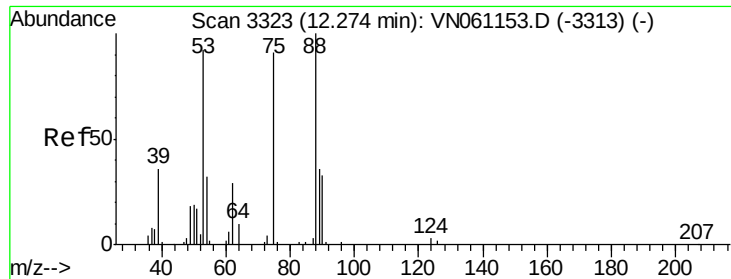
10000

0

12.65 12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.990 ug/l

RT: 12.28 min Scan# 3324

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

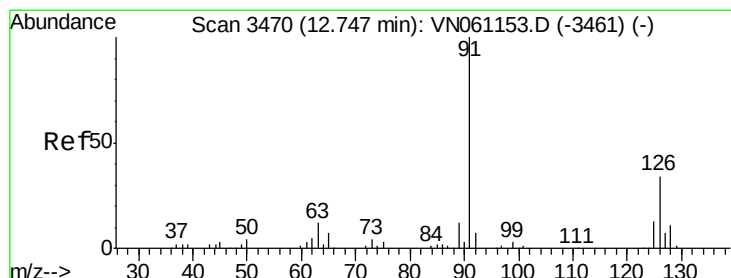
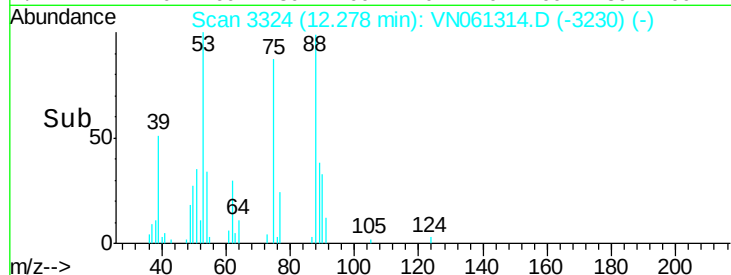
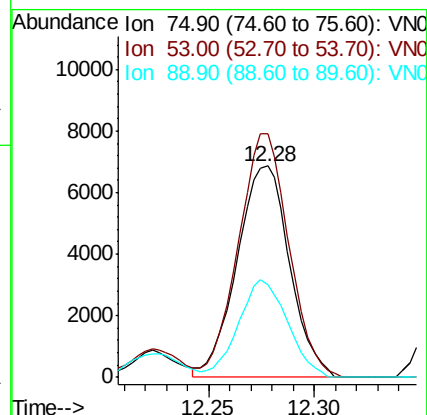
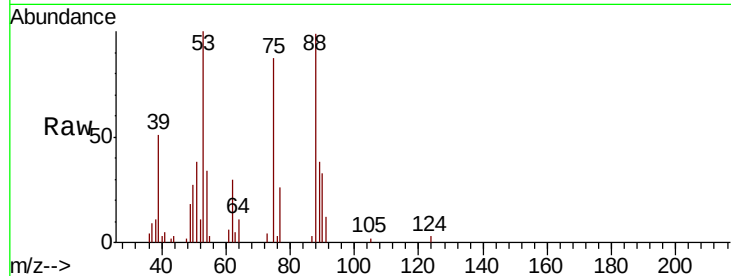
Tot Ion: 75 Resp: 11898

Ion Ratio Lower Upper

75 100

53 111.0 84.1 126.1

89 43.3 35.2 52.8



#82

4-Chlorotoluene

Concen: 18.674 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061314.D

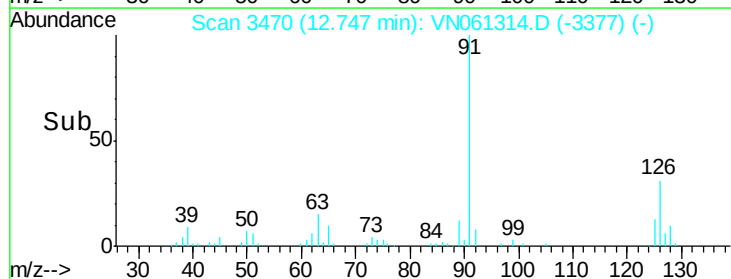
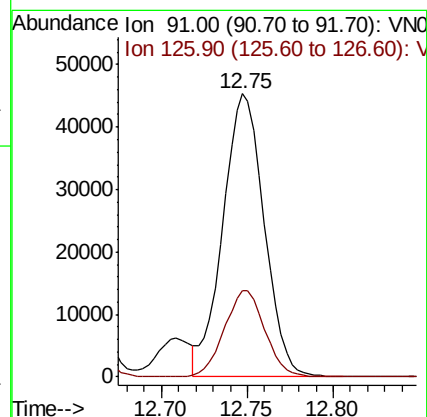
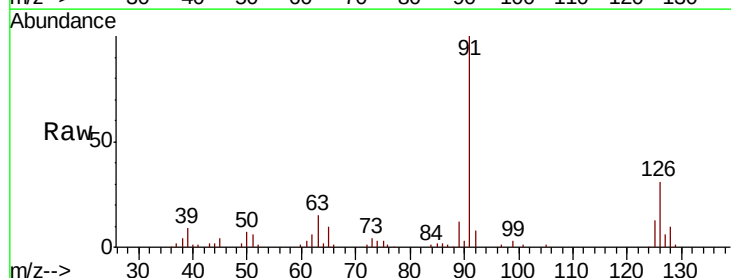
Acq: 6 May 2020 16:59

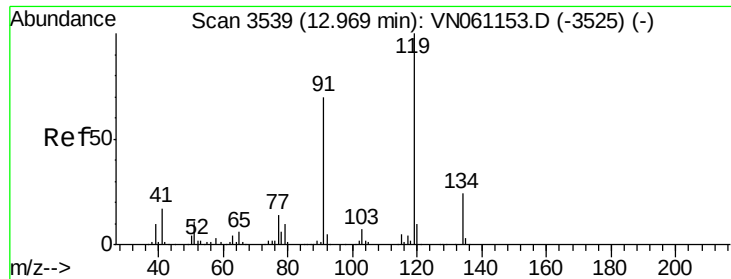
Tgt Ion: 91 Resp: 76126

Ion Ratio Lower Upper

91 100

126 29.9 15.7 47.1

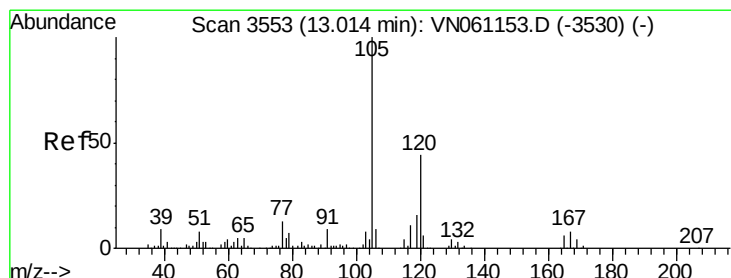
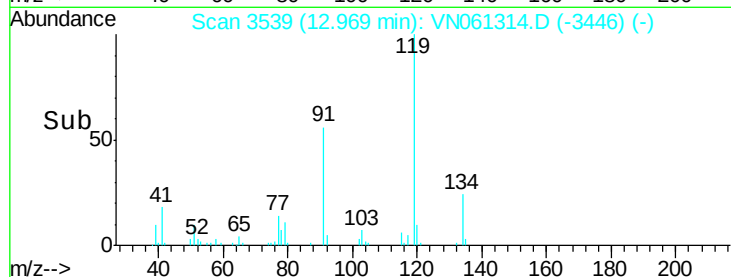
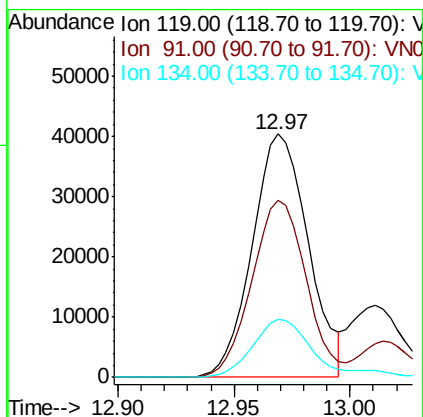
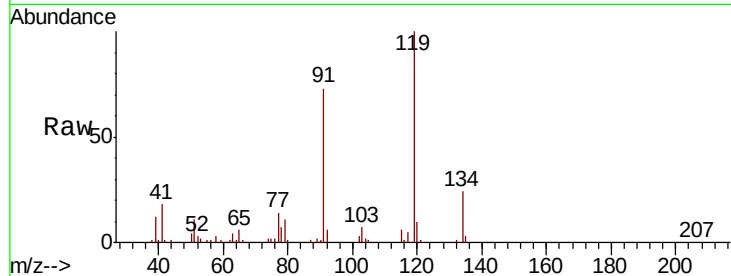




#83
 tert-Butylbenzene
 Concen: 17.499 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

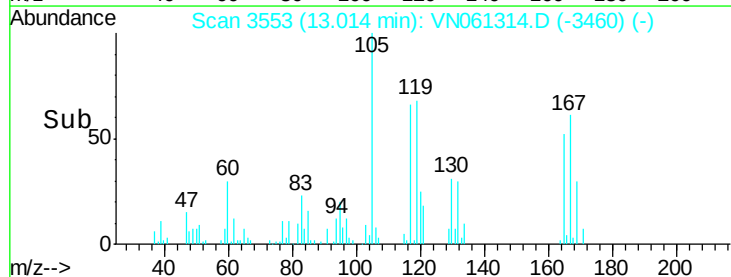
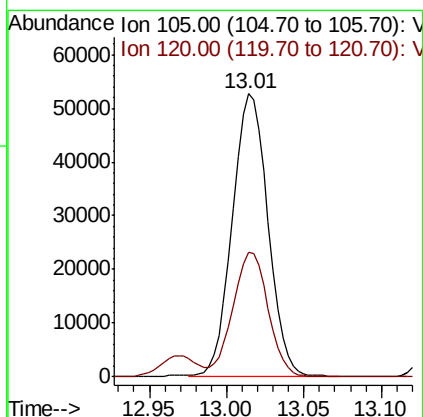
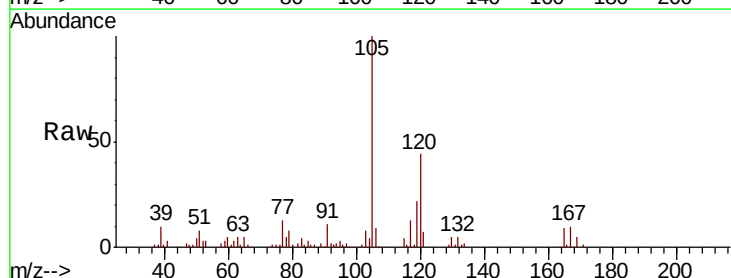
Instrument :
 MSVOA_N
 ClientSampled :

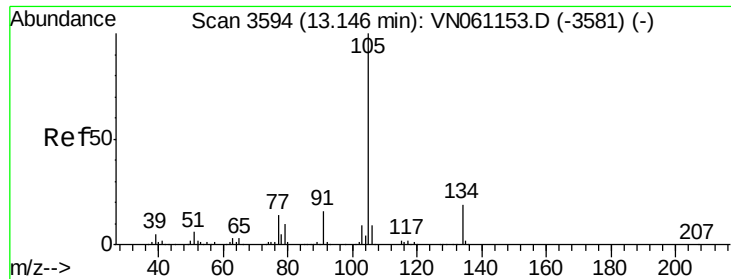
Tot Ion:119 Resp: 67756
 Ion Ratio Lower Upper
 119 100
 91 70.8 34.8 104.4
 134 26.0 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 17.842 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion:105 Resp: 84410
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.2 66.6

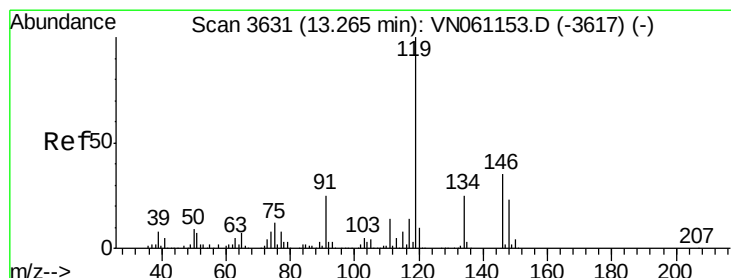
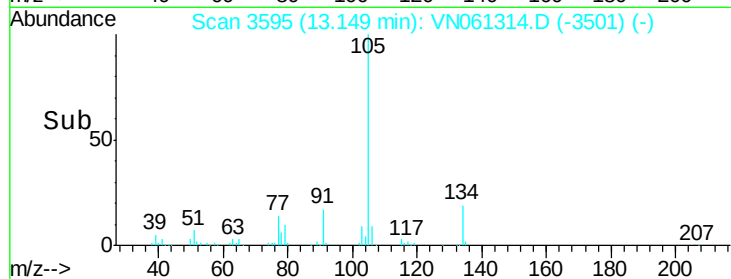
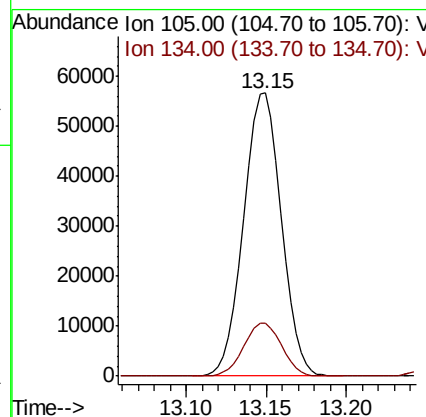
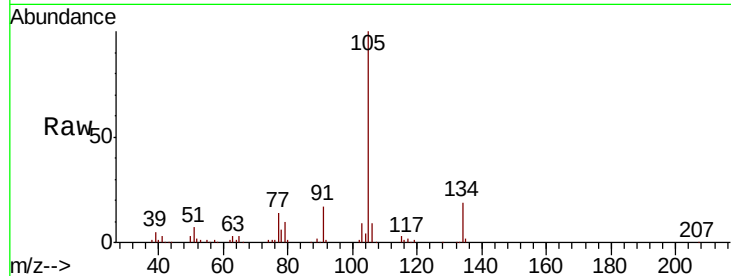




#85
 sec-Butylbenzene
 Concen: 17.204 ug/l
 RT: 13.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

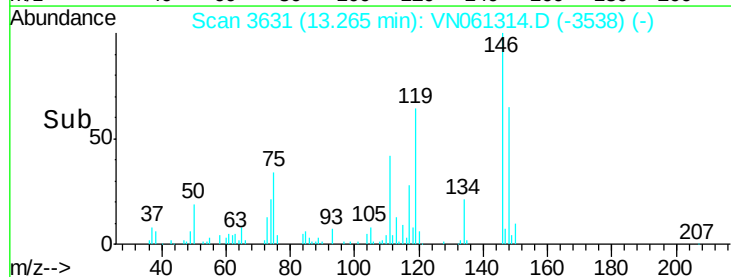
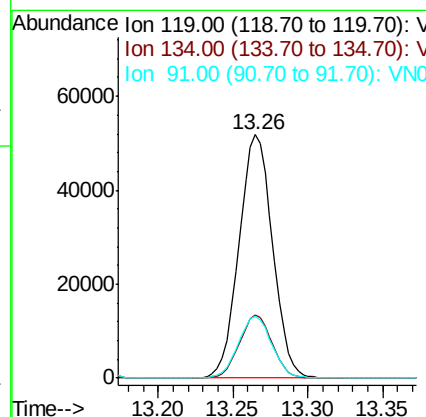
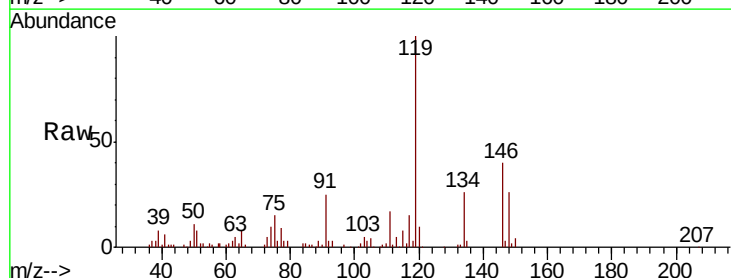
Instrument :
 MSVOA_N
 ClientSampled :

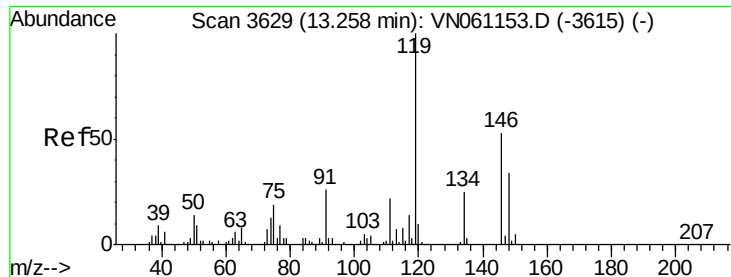
Tot Ion:105 Resp: 90820
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 16.992 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion:119 Resp: 80816
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.6
 91 25.5 12.7 38.0

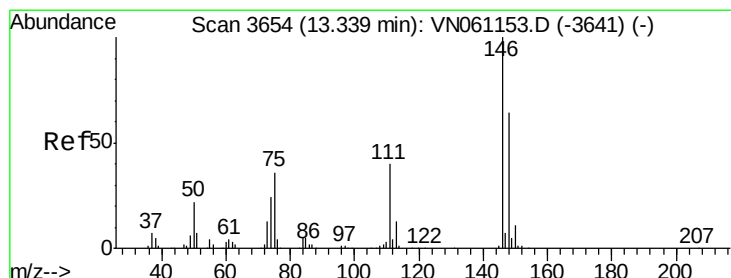
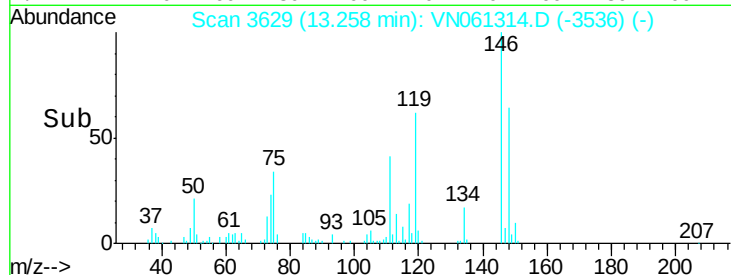
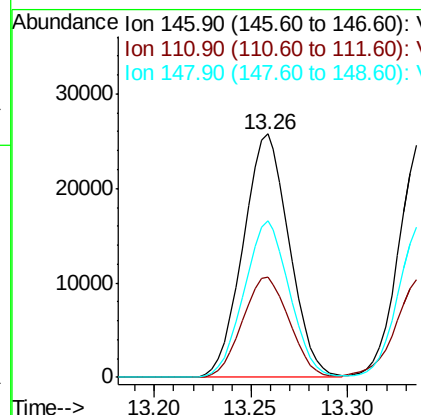
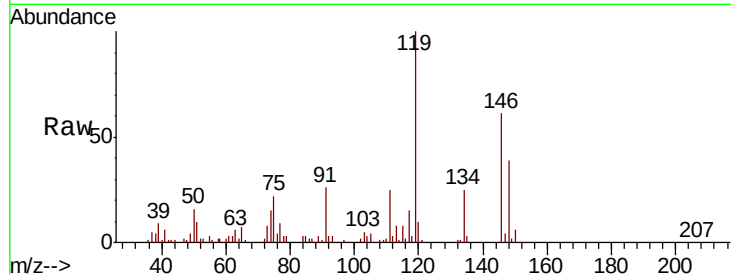




#87
 1,3-Dichlorobenzene
 Concen: 18.150 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

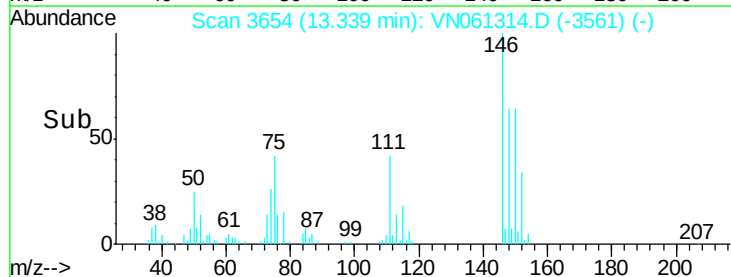
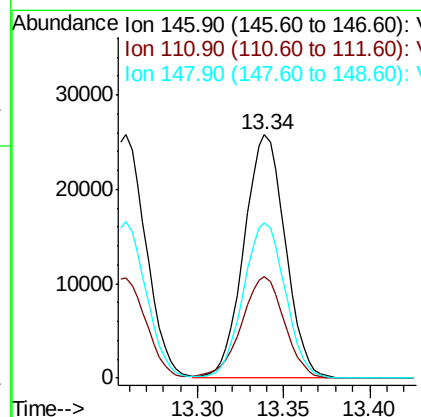
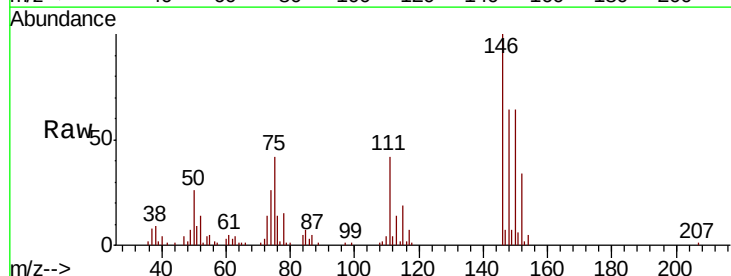
Instrument :
 MSVOA_N
 ClientSampled :

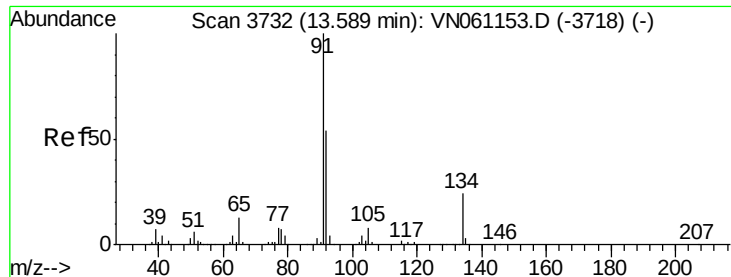
Tot Ion:146 Resp: 42792
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.7 62.1
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.822 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion:146 Resp: 42934
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.4 61.3
 148 64.8 31.9 95.7





#89

n-Butylbenzene

Concen: 16.523 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampled :

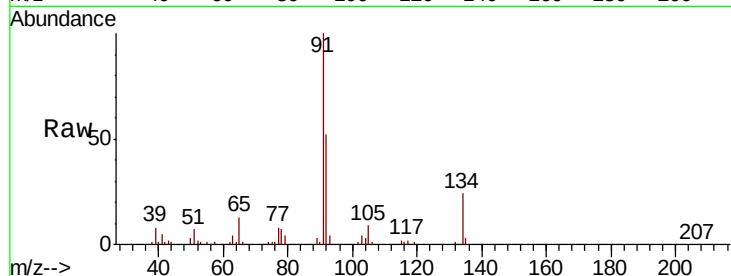
Tot Ion: 91 Resp: 72042

Ion Ratio Lower Upper

91 100

92 51.9 26.8 80.3

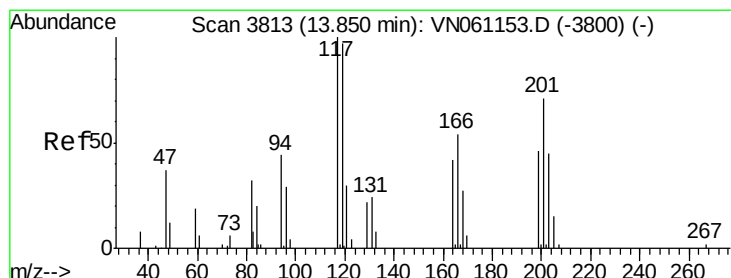
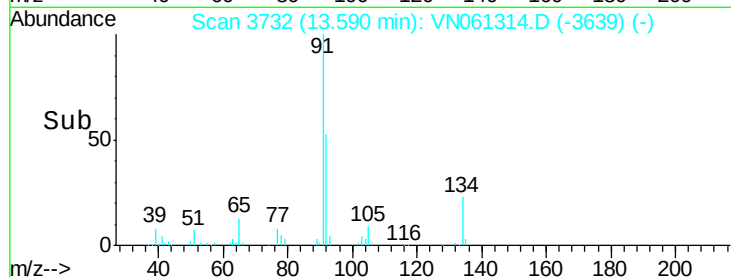
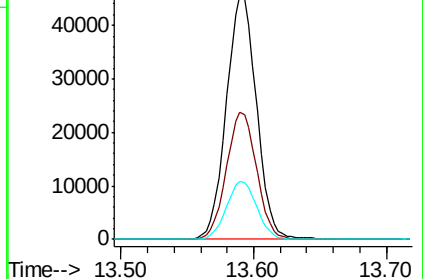
134 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN061314.D (-3639) (-)

Ion 92.00 (91.70 to 92.70): VN061314.D (-3639) (-)

Ion 134.00 (133.70 to 134.70): VN061314.D (-3639) (-)



#90

Hexachloroethane

Concen: 25.076 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061314.D

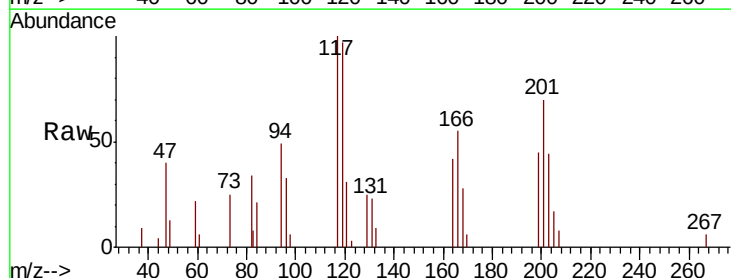
Acq: 6 May 2020 16:59

Tgt Ion: 117 Resp: 10215

Ion Ratio Lower Upper

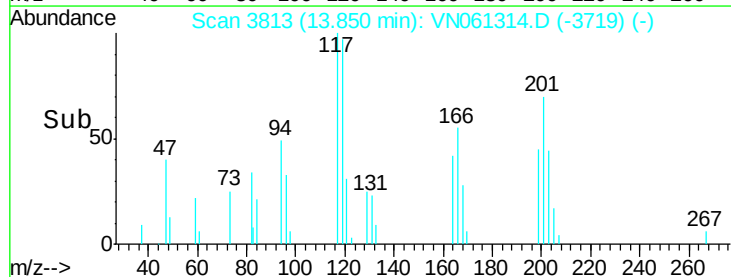
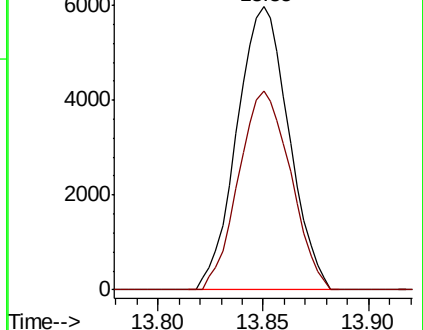
117 100

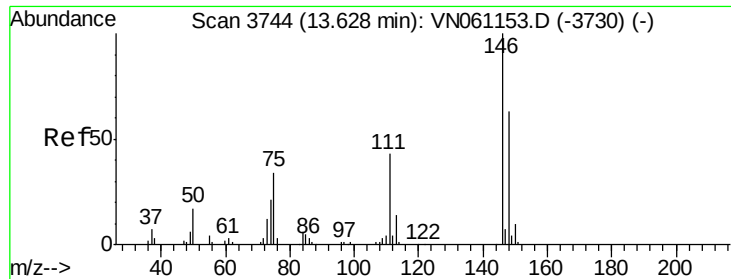
201 70.3 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN061314.D (-3719) (-)

Ion 200.70 (200.40 to 201.40): VN061314.D (-3719) (-)

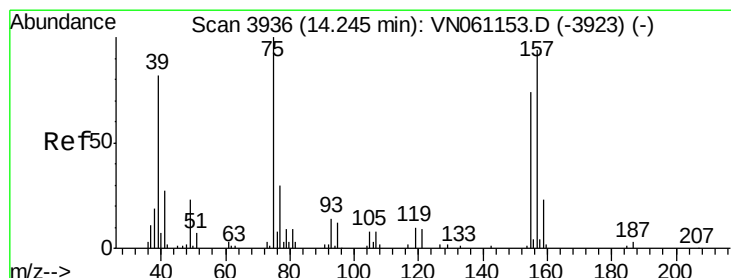
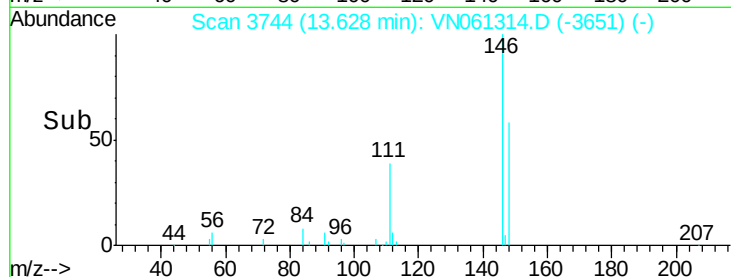
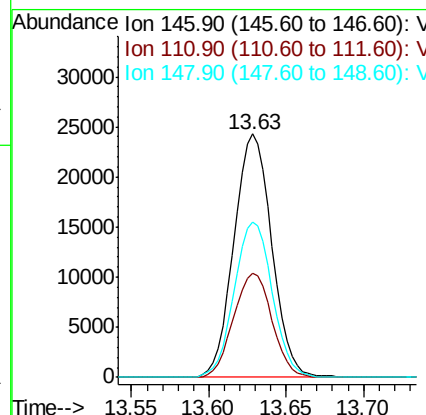
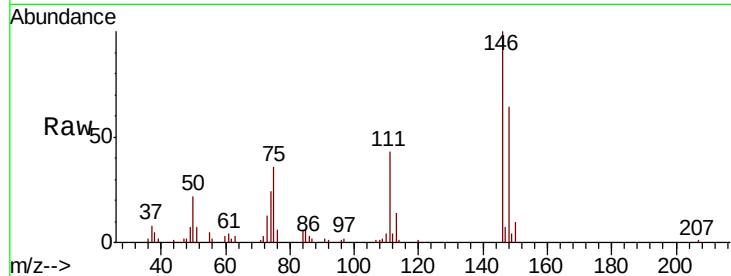




#91
 1,2-Dichlorobenzene
 Concen: 18.246 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

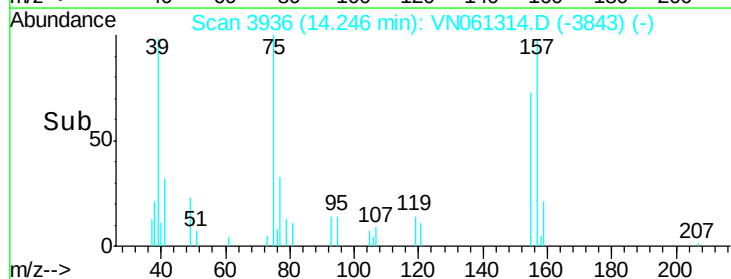
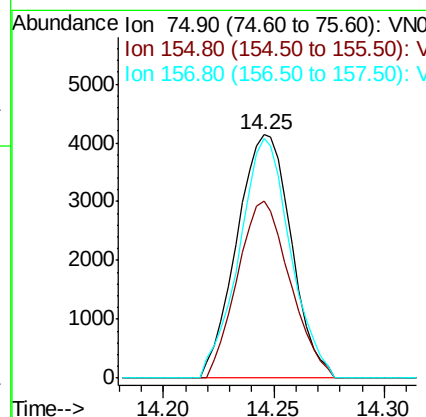
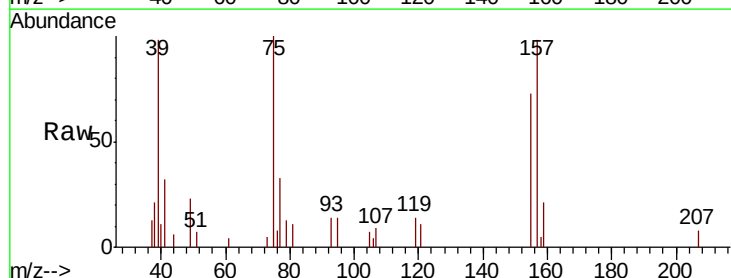
Instrument :
 MSVOA_N
 ClientSampled :

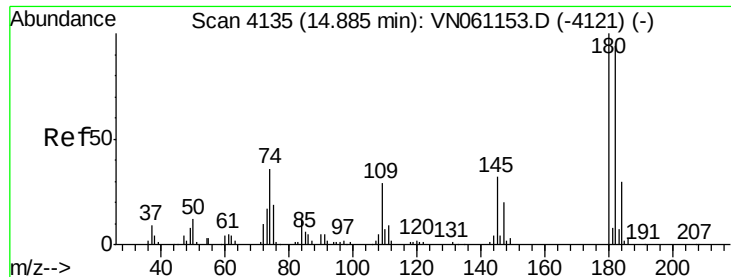
Tot Ion:146 Resp: 41248
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.8 65.3
 148 64.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.422 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion: 75 Resp: 7096
 Ion Ratio Lower Upper
 75 100
 155 70.4 36.5 109.7
 157 92.7 46.6 139.7

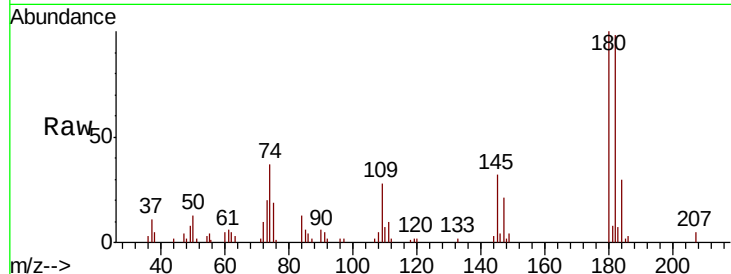




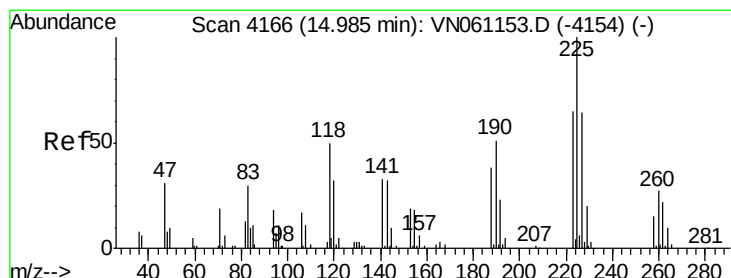
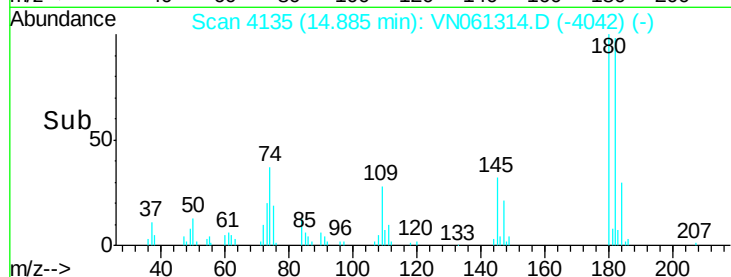
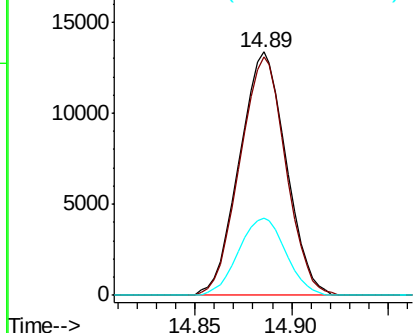
#93
 1,2,4-Trichlorobenzene
 Concen: 16.231 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 22344
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.3 141.9
 145 32.0 16.0 47.9

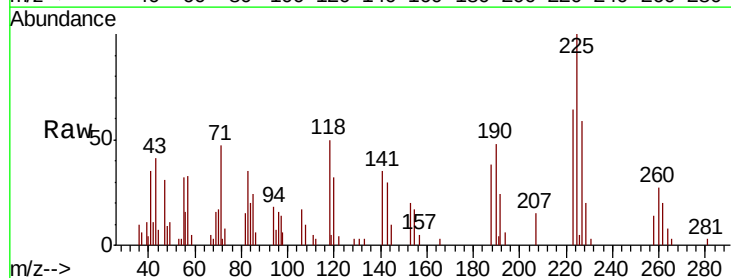


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

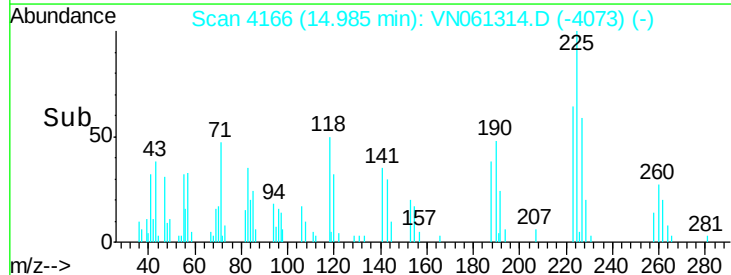
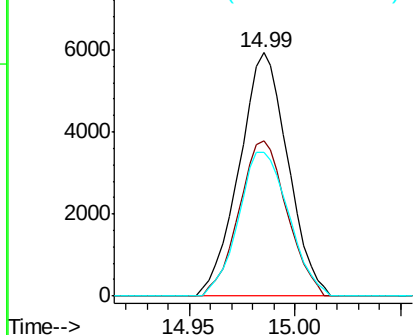


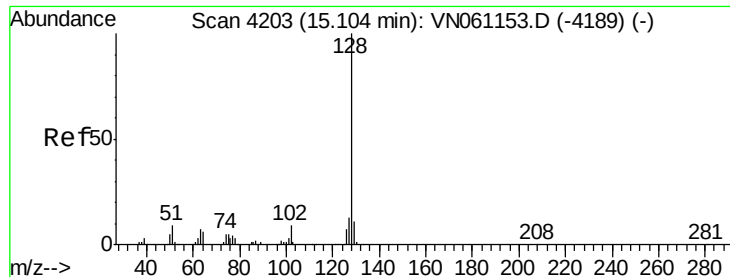
#94
 Hexachlorobutadiene
 Concen: 16.513 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061314.D
 Acq: 6 May 2020 16:59

Tgt Ion:225 Resp: 9497
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.4 97.0
 227 61.0 32.4 97.0



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: 17.026 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

Instrument :

MSVOA_N

ClientSampleId :

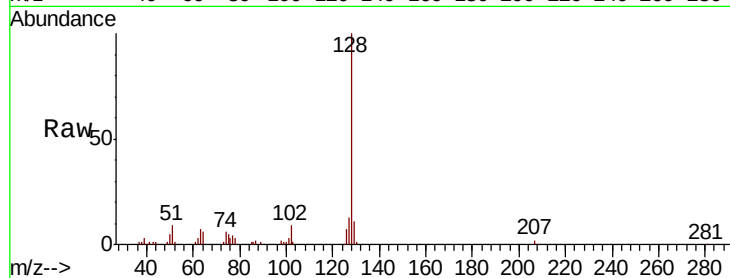
Tot Ion:128 Resp: 76333

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

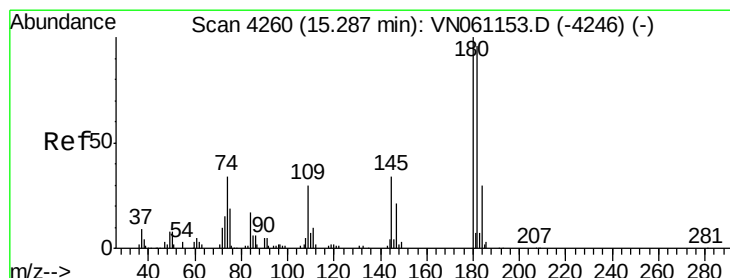
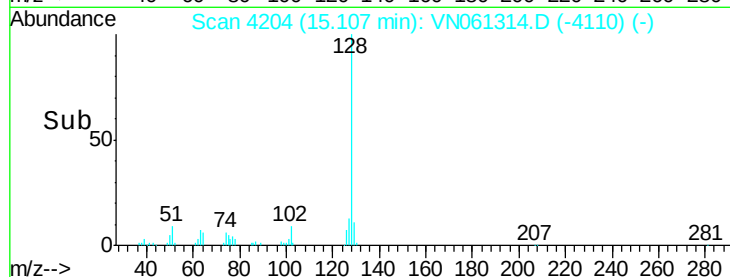
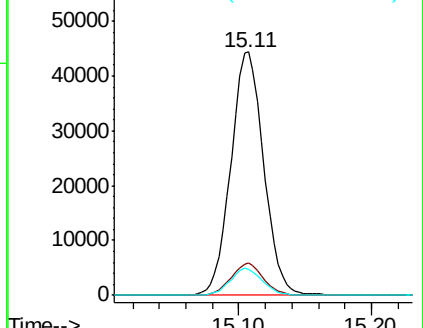
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.067 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN061314.D

Acq: 6 May 2020 16:59

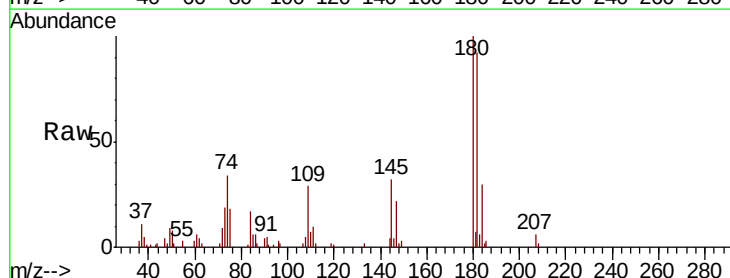
Tgt Ion:180 Resp: 23197

Ion Ratio Lower Upper

180 100

182 93.0 47.5 142.5

145 34.2 16.9 50.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

