

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055500.D
 Acq On : 9 May 2019 16:29
 Operator : JC/SP
 Sample : VN0509WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 04:13:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	670080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1197499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1028513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	402702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	523838	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	7.59	113	396137	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.09	98	1527935	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.40	95	503525	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	136657	20.031	ug/l	98
3) Chloromethane	2.06	50	226868	20.469	ug/l	98
4) Vinyl Chloride	2.19	62	214963	20.546	ug/l	99
5) Bromomethane	2.55	94	125274	21.854	ug/l	100
6) Chloroethane	2.70	64	131762	21.621	ug/l	97
7) Trichlorofluoromethane	3.01	101	241352	21.028	ug/l	97
8) Diethyl Ether	3.41	74	109136	21.172	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	147473	20.195	ug/l	98
10) Methyl Iodide	3.94	142	211477	21.427	ug/l	98
11) Tert butyl alcohol	4.81	59	145233	97.493	ug/l	99
12) 1,1-Dichloroethene	3.73	96	152457	20.817	ug/l	96
13) Acrolein	3.61	56	104953	105.712	ug/l	98
14) Allyl chloride	4.32	41	295651	19.707	ug/l	99
15) Acrylonitrile	5.00	53	473783	102.712	ug/l	100
16) Acetone	3.82	43	398687	85.343	ug/l	98
17) Carbon Disulfide	4.05	76	394096	19.716	ug/l	98
18) Methyl Acetate	4.33	43	196523	19.369	ug/l	97
19) Methyl tert-butyl Ether	5.06	73	504023	20.712	ug/l	97
20) Methylene Chloride	4.55	84	191041	19.999	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	163578	20.601	ug/l	98
22) Diisopropyl ether	5.96	45	635244	20.837	ug/l	94
23) Vinyl Acetate	5.90	43	2419823	102.637	ug/l	100
24) 1,1-Dichloroethane	5.85	63	339559	20.633	ug/l	99
25) 2-Butanone	6.84	43	631679	97.886	ug/l	97
26) 2,2-Dichloropropane	6.83	77	189196	18.442	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	191297	20.846	ug/l	100
28) Bromochloromethane	7.19	49	183764	21.502	ug/l	98
29) Tetrahydrofuran	7.22	42	429992	100.792	ug/l	99
30) Chloroform	7.37	83	318562	20.939	ug/l	98
31) Cyclohexane	7.65	56	324766	19.945	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	238998	20.629	ug/l	99
36) 1,1-Dichloropropene	7.79	75	240373	20.375	ug/l	99
37) Ethyl Acetate	6.94	43	254615	19.785	ug/l	99
38) Carbon Tetrachloride	7.78	117	194010	19.530	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	276053	19.191	ug/l	99
40) Benzene	8.04	78	757659	20.693	ug/l	100
41) Methacrylonitrile	7.18	41	113401	18.986	ug/l	91
42) 1,2-Dichloroethane	8.13	62	259141	20.145	ug/l	99
43) Isopropyl Acetate	8.17	43	386524	19.770	ug/l	98
44) Trichloroethene	8.84	130	179627	20.618	ug/l	94
45) 1,2-Dichloropropane	9.12	63	210771	20.119	ug/l	98
46) Dibromomethane	9.21	93	124287	20.468	ug/l	99
47) Bromodichloromethane	9.40	83	231296	19.910	ug/l	100
48) Methyl methacrylate	9.20	41	186603	19.809	ug/l	100
49) 1,4-Dioxane	9.20	88	74085	403.520	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1249455	97.169	ug/l	99
52) Toluene	10.16	92	428880	20.489	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	219245	19.650	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	261787	19.636	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	169516	19.988	ug/l	98
56) Ethyl methacrylate	10.43	69	243813	19.327	ug/l	99
57) 1,3-Dichloropropane	10.71	76	304621	20.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	307363	81.268	ug/l	99
59) 2-Hexanone	10.75	43	862615	95.658	ug/l	100
60) Dibromochloromethane	10.90	129	153655	19.927	ug/l	99
61) 1,2-Dibromoethane	11.01	107	165683	20.333	ug/l	100
64) Tetrachloroethene	10.63	164	175547	20.830	ug/l	98
65) Chlorobenzene	11.43	112	430267	20.334	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	151581	20.808	ug/l	98
67) Ethyl Benzene	11.51	91	795040	20.005	ug/l	99
68) m/p-Xylenes	11.62	106	588571	41.268	ug/l	99
69) o-Xylene	11.95	106	290731	20.740	ug/l	98
70) Styrene	11.96	104	465918	20.746	ug/l	100
71) Bromoform	12.13	173	97261	19.785	ug/l #	100
73) Isopropylbenzene	12.25	105	762074	21.524	ug/l	99
74) N-amyl acetate	12.07	43	287420	18.799	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	240114	20.813	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	278939	25.444	ug/l #	100
77) Bromobenzene	12.53	156	173748	19.578	ug/l	98
78) n-propylbenzene	12.59	91	840005	19.448	ug/l	100
79) 2-Chlorotoluene	12.67	91	520707	19.344	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	637482	19.794	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	53058	17.858	ug/l	92
82) 4-Chlorotoluene	12.77	91	490272	19.276	ug/l	98
83) tert-Butylbenzene	12.99	119	546979	19.814	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	591977	20.042	ug/l	99
85) sec-Butylbenzene	13.17	105	717475	19.556	ug/l	99
86) p-Isopropyltoluene	13.29	119	581939	19.490	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	272001	19.835	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	265367	19.608	ug/l	98
89) n-Butylbenzene	13.61	91	428533	18.516	ug/l	99
90) Hexachloroethane	13.87	117	90883	18.659	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	272696	19.896	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	34148	18.440	ug/l	97

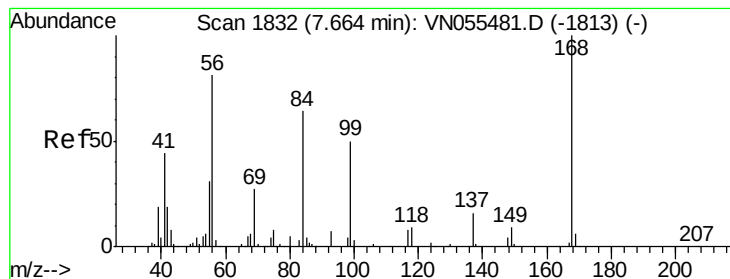
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Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84583	16.470	ug/l	96
94) Hexachlorobutadiene	15.01	225	87049	20.068	ug/l	99
95) Naphthalene	15.13	128	233052	16.002	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	95663	16.509	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

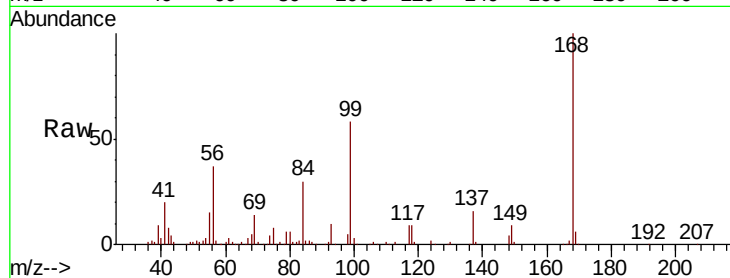
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 670080

Ion Ratio Lower Upper

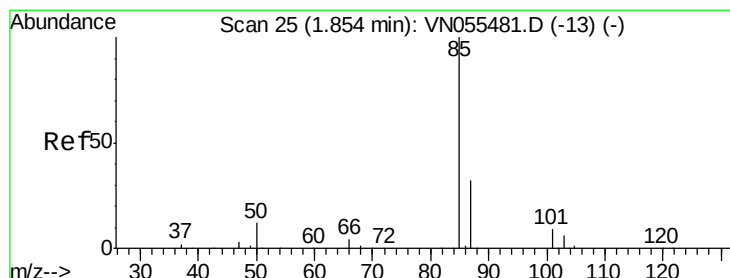
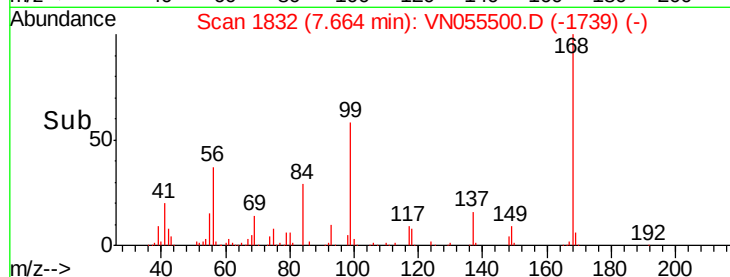
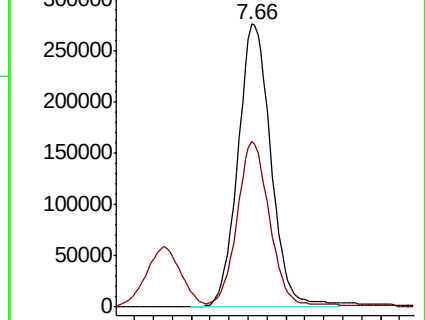
168 100

99 57.6 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 20.031 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN055500.D

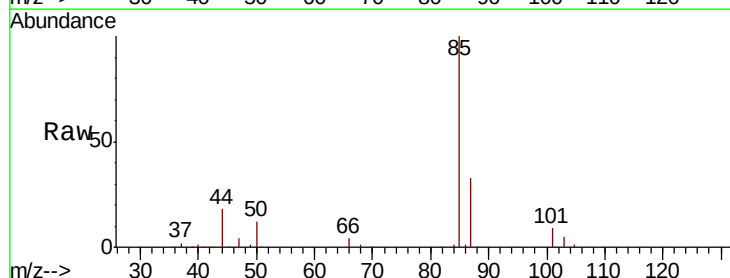
Acq: 9 May 2019 16:29

Tgt Ion: 85 Resp: 136657

Ion Ratio Lower Upper

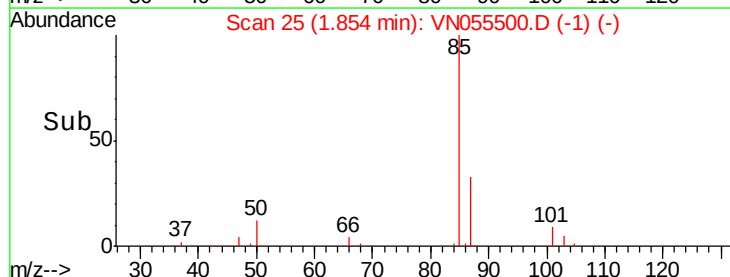
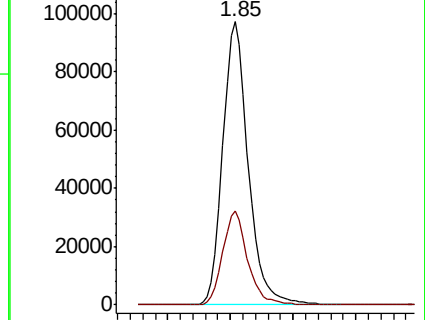
85 100

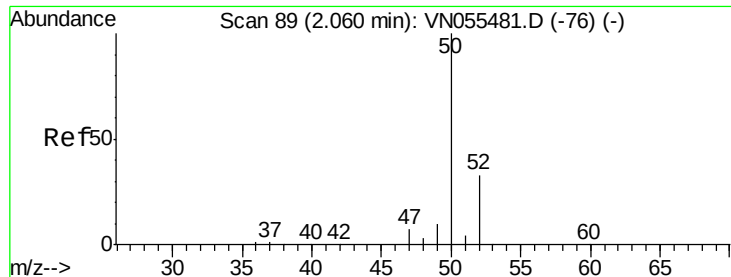
87 33.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 20.469 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

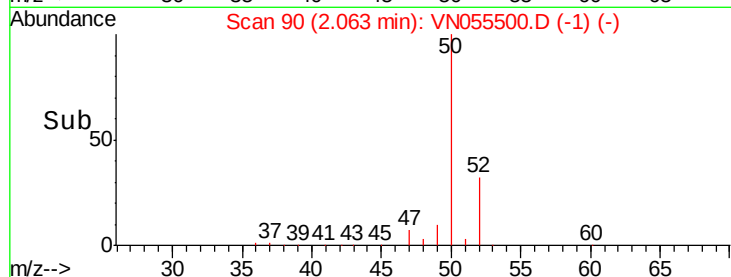
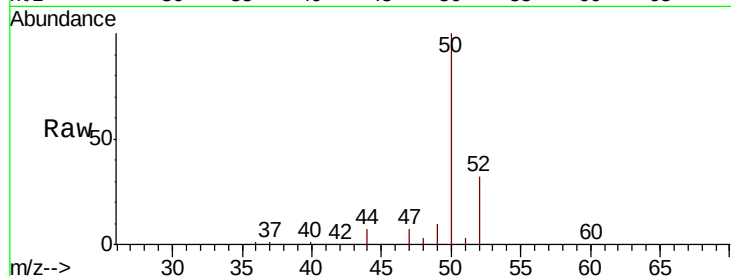
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 226868

Ion Ratio Lower Upper

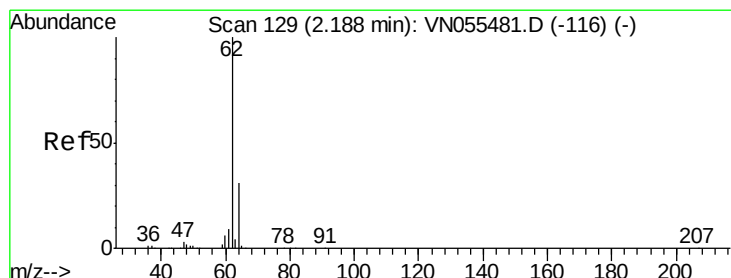
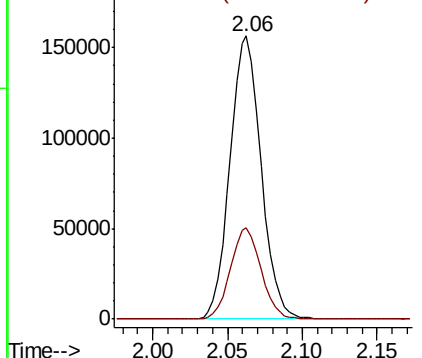
50 100

52 32.2 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.546 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN055500.D

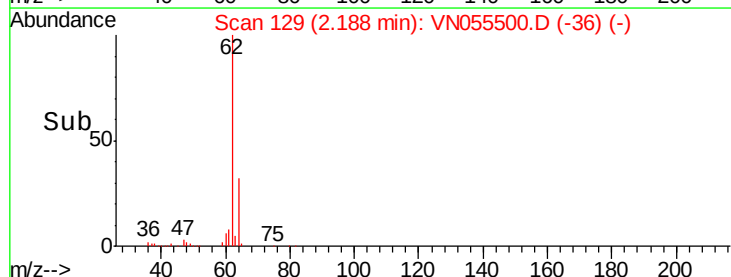
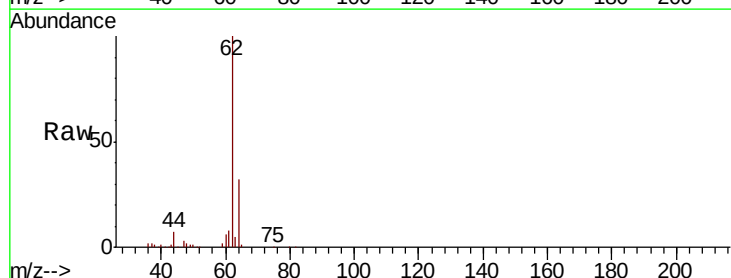
Acq: 9 May 2019 16:29

Tgt Ion: 62 Resp: 214963

Ion Ratio Lower Upper

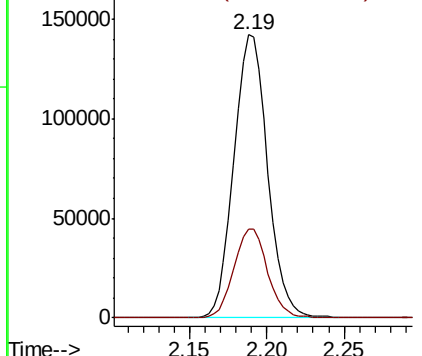
62 100

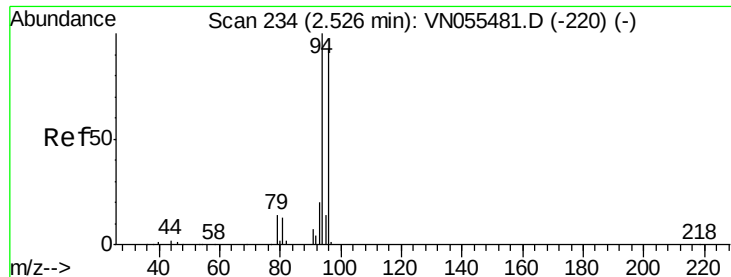
64 31.6 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 21.854 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.02 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

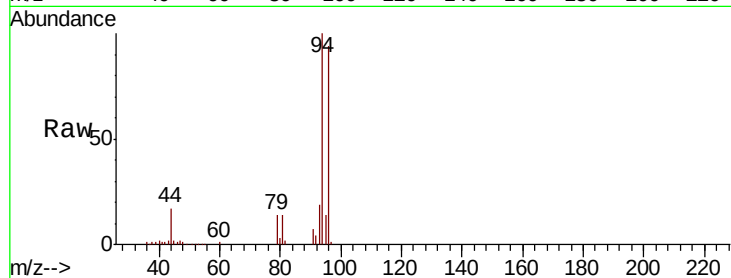
ClientSampleId :

Tot Ion: 94 Resp: 125274

Ion Ratio Lower Upper

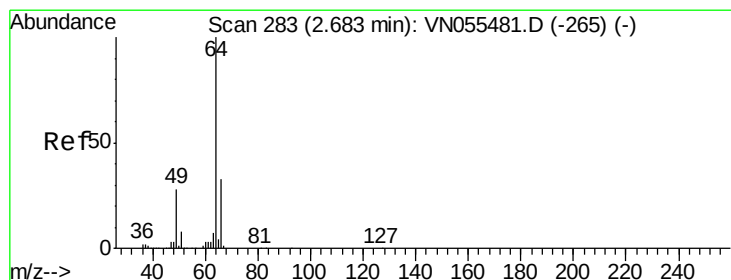
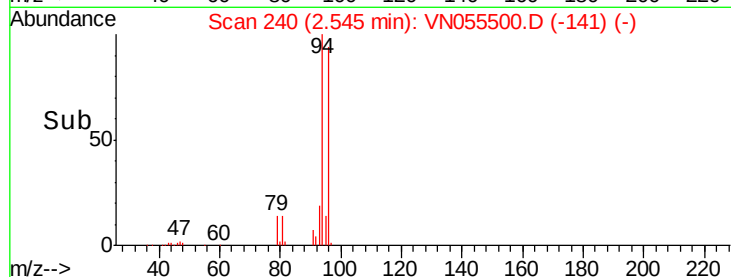
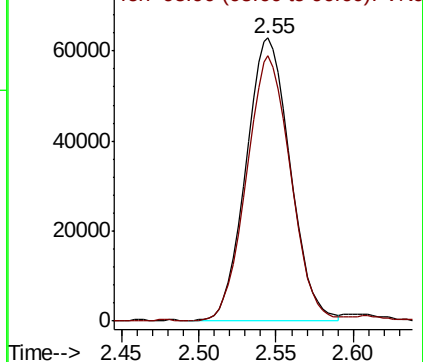
94 100

96 93.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.621 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.01 min

Lab File: VN055500.D

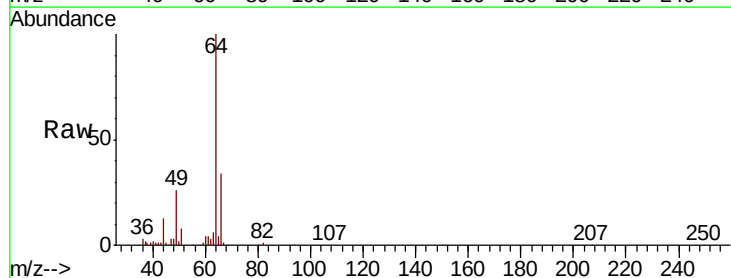
Acq: 9 May 2019 16:29

Tgt Ion: 64 Resp: 131762

Ion Ratio Lower Upper

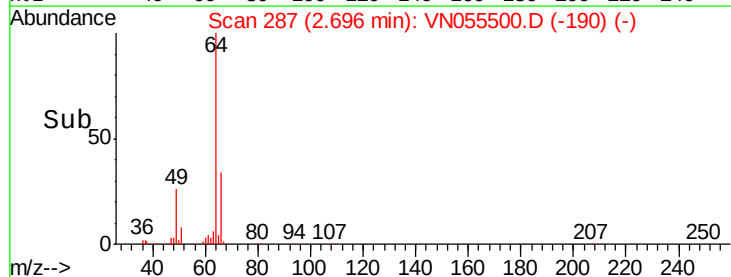
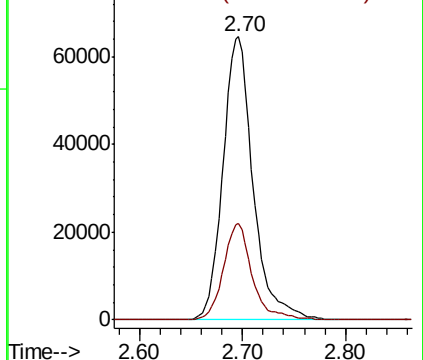
64 100

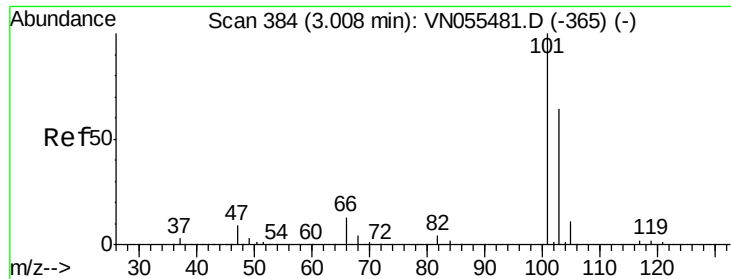
66 34.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



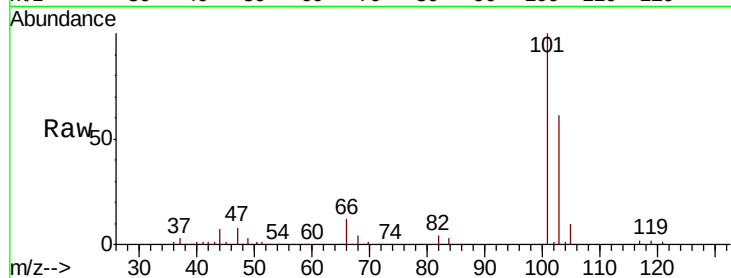


#7

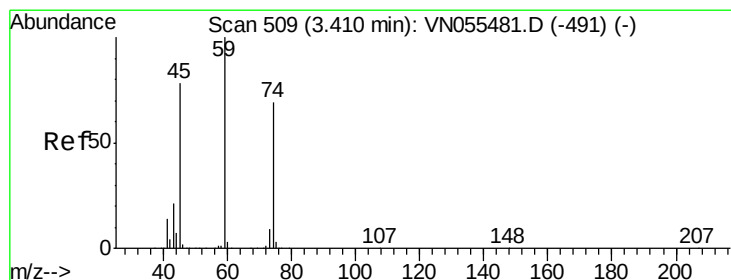
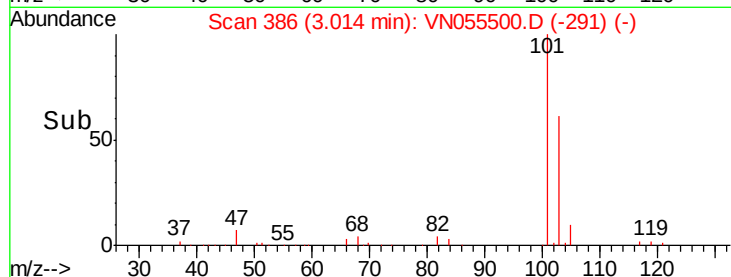
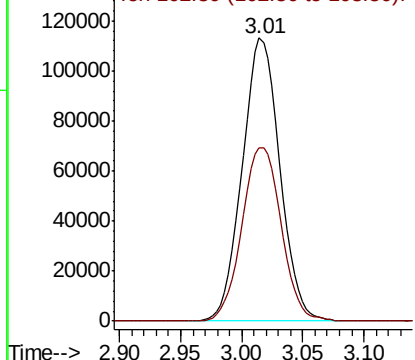
Trichlorofluoromethane
Concen: 21.028 ug/l
RT: 3.01 min Scan# 386
Delta R.T. 0.01 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 241352
Ion Ratio Lower Upper
101 100
103 61.3 51.2 76.8



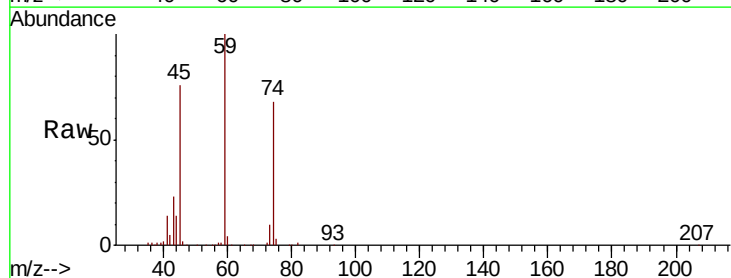
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



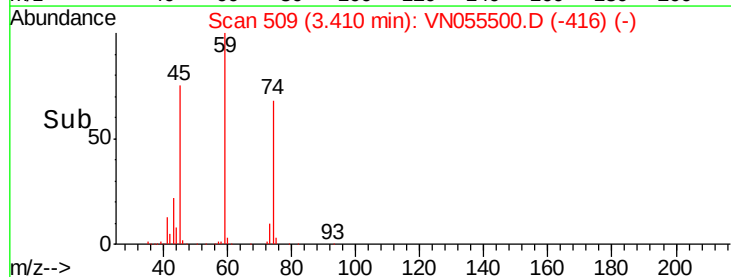
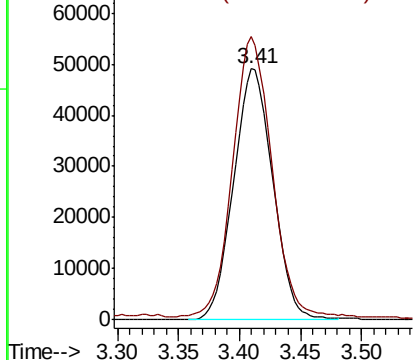
#8

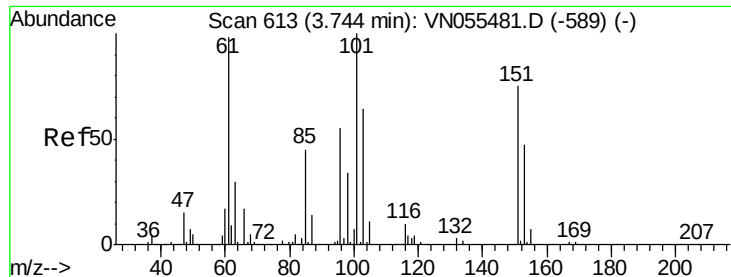
Diethyl Ether
Concen: 21.172 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion: 74 Resp: 109136
Ion Ratio Lower Upper
74 100
45 111.5 58.1 174.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.195 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

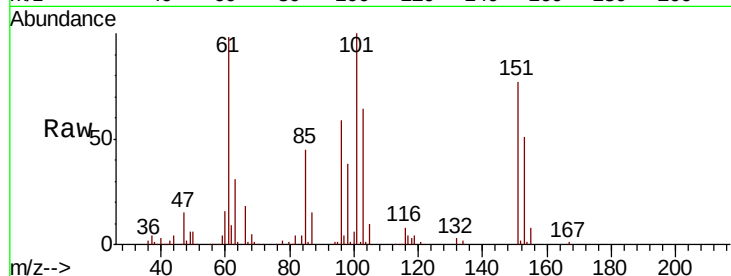
Tot Ion:101 Resp: 147473

Ion Ratio Lower Upper

101 100

85 43.7 35.5 53.3

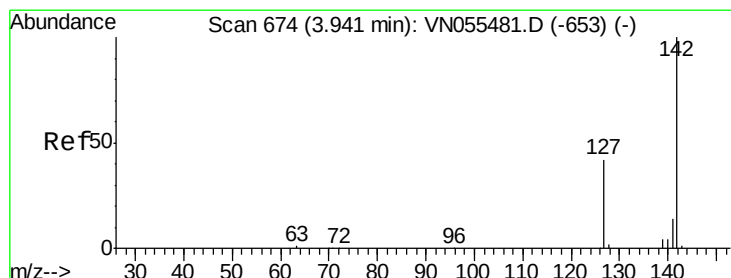
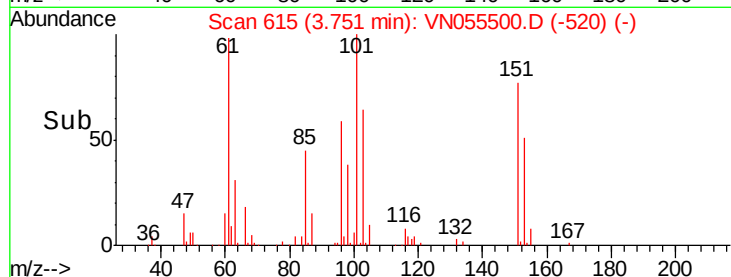
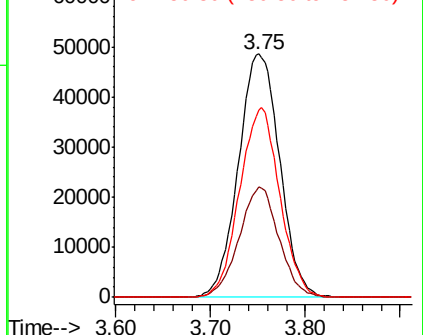
151 75.5 59.2 88.8



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: 21.427 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

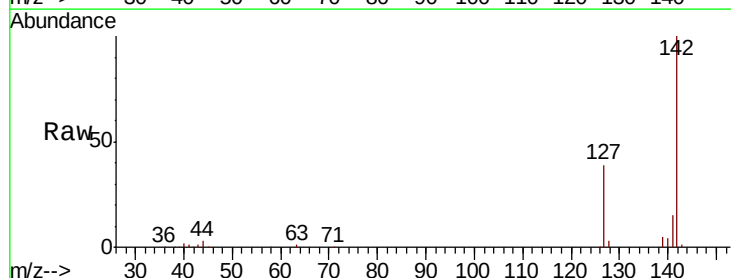
Tgt Ion:142 Resp: 211477

Ion Ratio Lower Upper

142 100

127 39.7 33.0 49.4

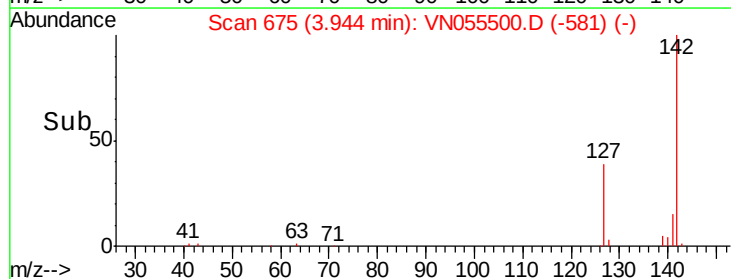
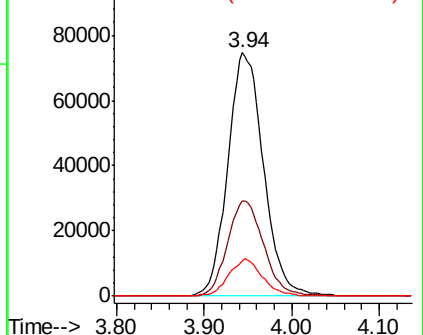
141 14.4 11.4 17.0

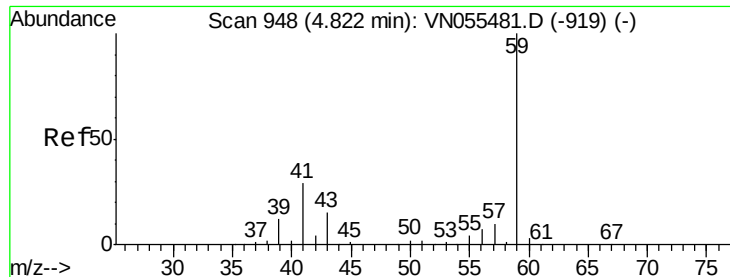


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

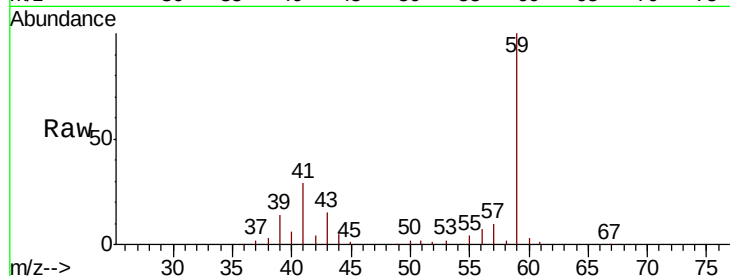




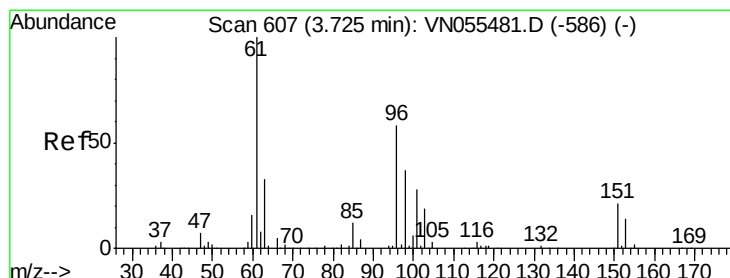
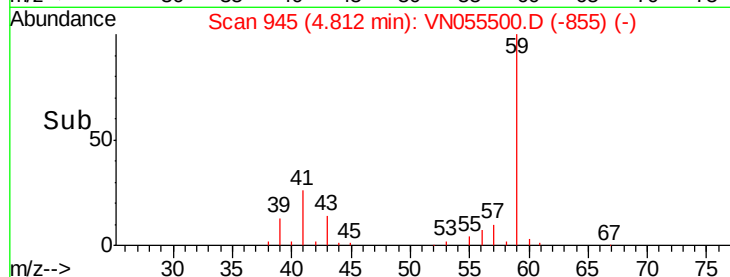
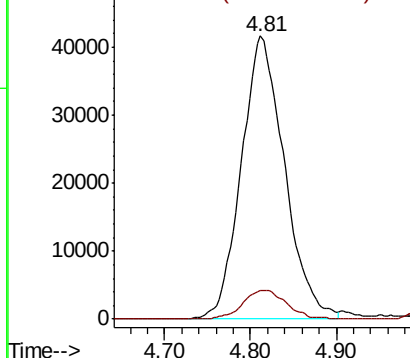
#11
Tert butyl alcohol
Concen: 97.493 ug/l
RT: 4.81 min Scan# 945
Delta R.T. -0.01 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 145233
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0

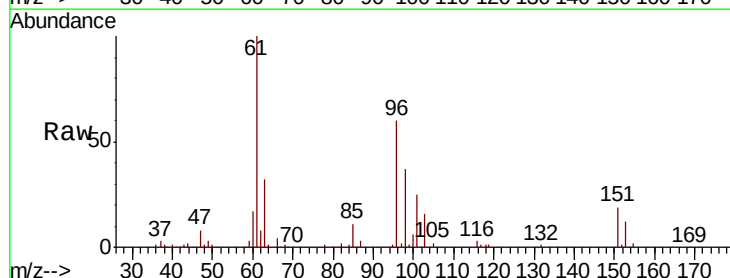


Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

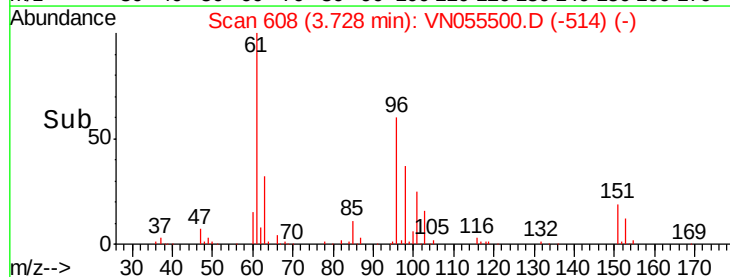
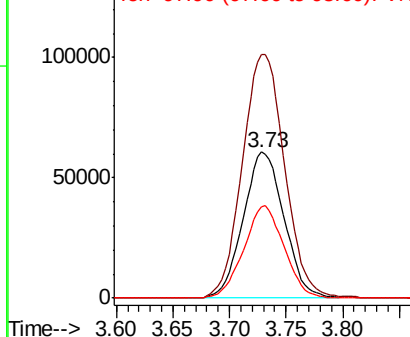


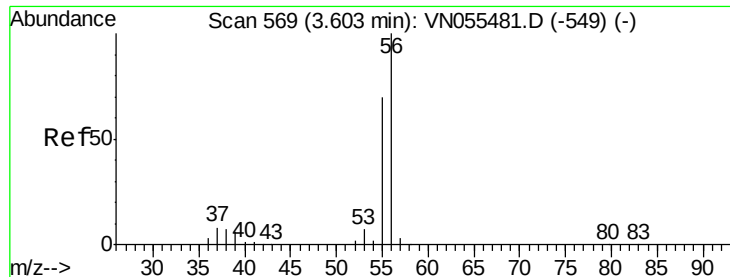
#12
1,1-Dichloroethene
Concen: 20.817 ug/l
RT: 3.73 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion: 96 Resp: 152457
Ion Ratio Lower Upper
96 100
61 166.6 138.7 208.1
98 62.4 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 105.712 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

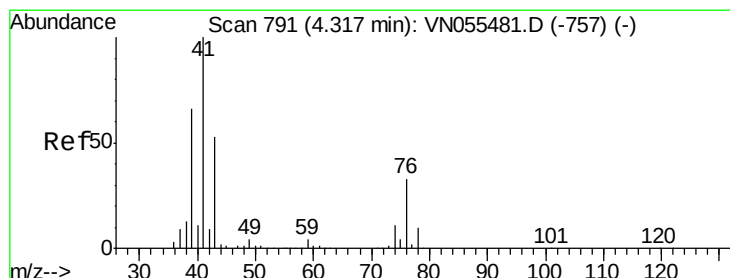
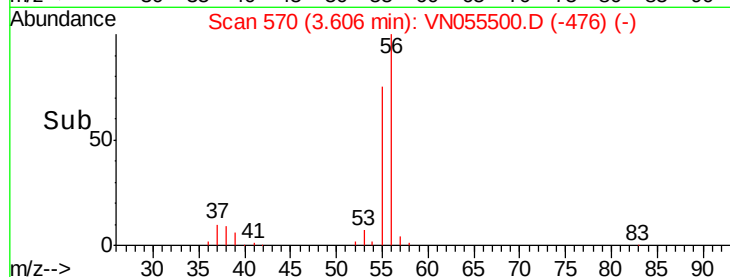
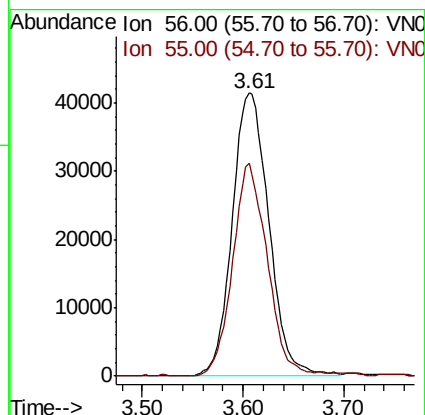
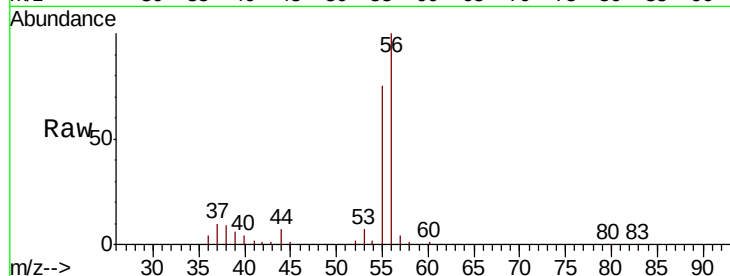
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 104953

Ion Ratio Lower Upper

56 100

55 70.7 57.7 86.5



#14

Allyl chloride

Concen: 19.707 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

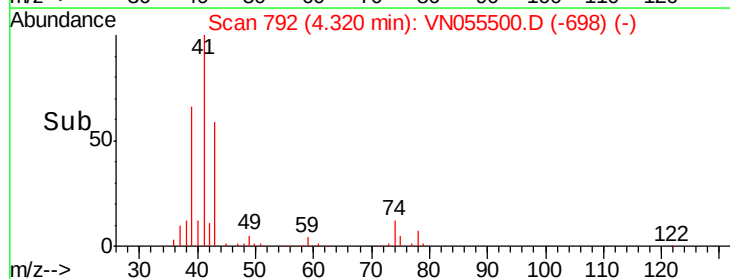
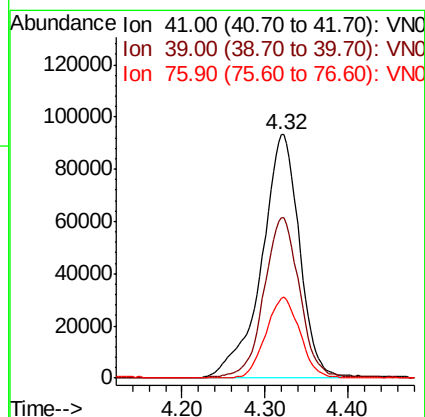
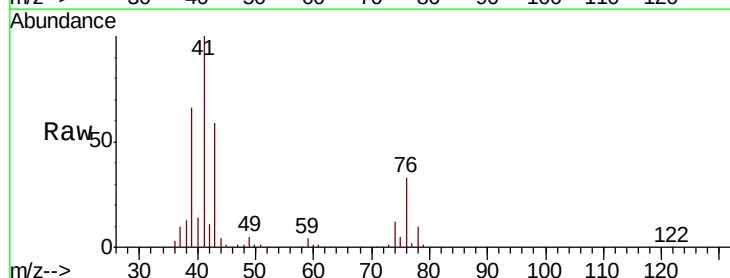
Tgt Ion: 41 Resp: 295651

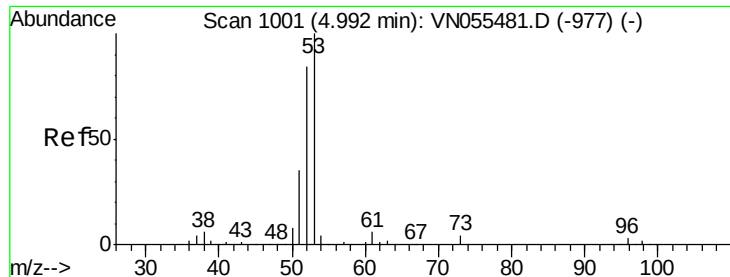
Ion Ratio Lower Upper

41 100

39 61.6 49.8 74.8

76 30.1 23.5 35.3





#15

Acrylonitrile

Concen: 102.712 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

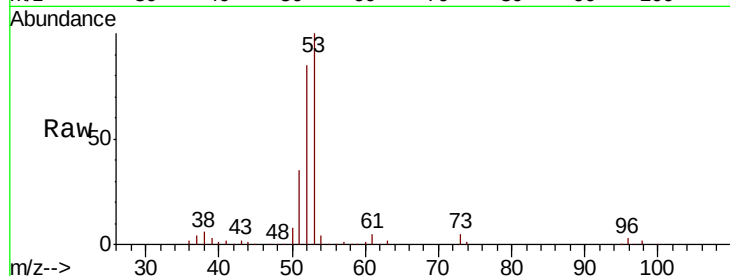
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 53 Resp: 473783

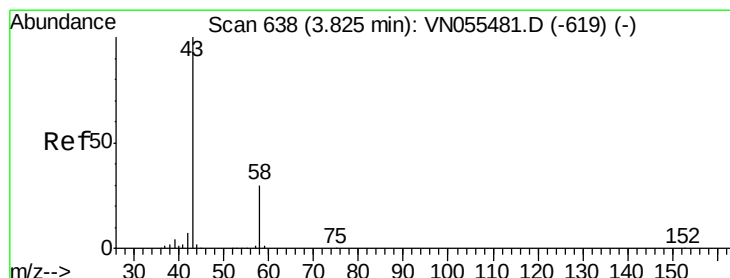
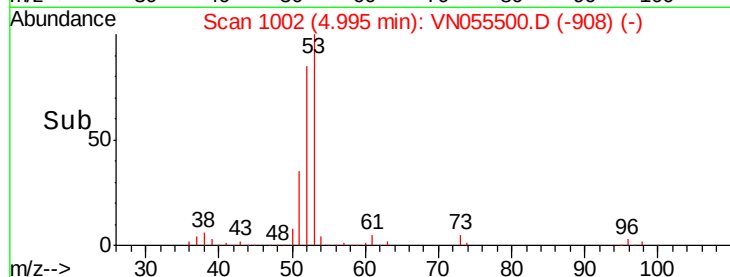
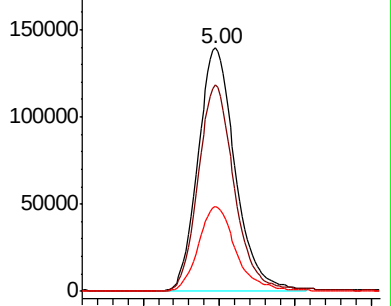
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.1	99.1
51	34.9	28.3	42.5



Abundance Ion 53.00 (52.70 to 53.70): VN055481.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN055481.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN055481.D (-977) (-)



#16

Acetone

Concen: 85.343 ug/l

RT: 3.82 min Scan# 638

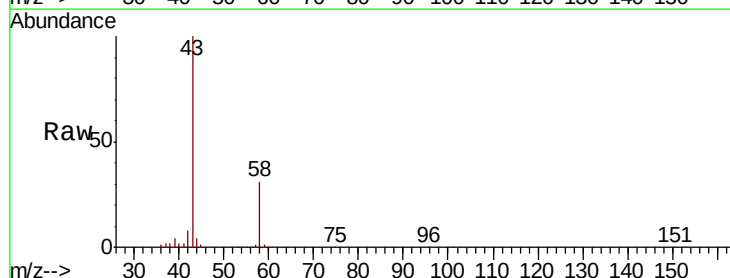
Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

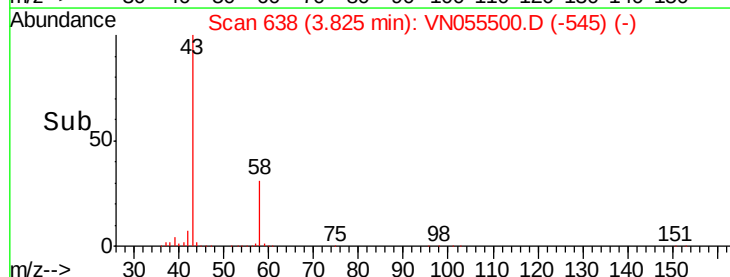
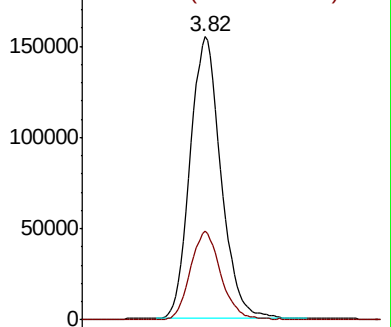
Tgt Ion: 43 Resp: 398687

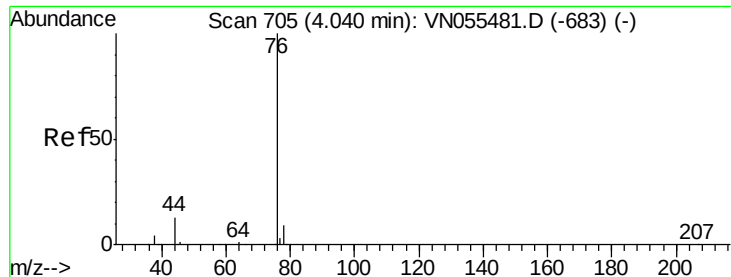
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.2	36.2



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-619) (-)

Ion 58.00 (57.70 to 58.70): VN055481.D (-619) (-)





#17

Carbon Disulfide

Concen: 19.716 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

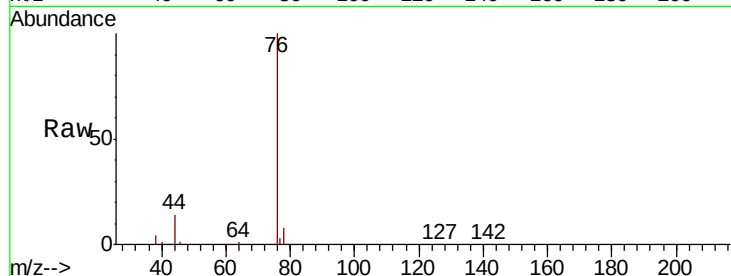
ClientSampleId :

Tot Ion: 76 Resp: 394096

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

150000

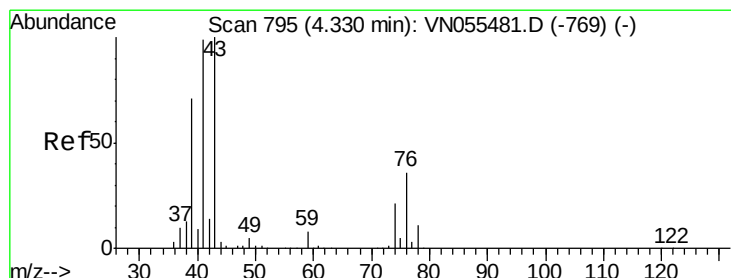
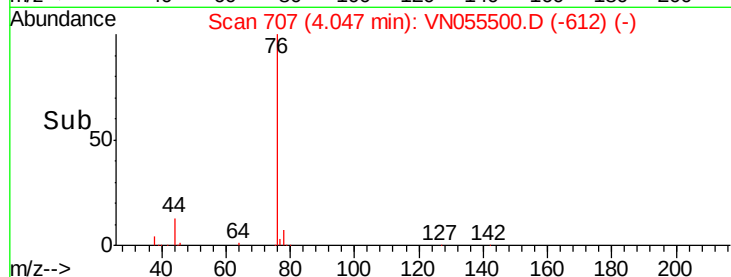
100000

50000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 19.369 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN055500.D

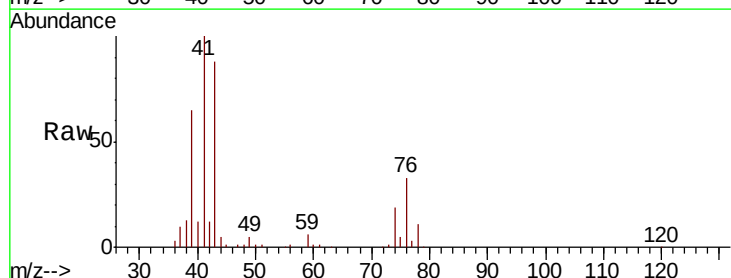
Acq: 9 May 2019 16:29

Tgt Ion: 43 Resp: 196523

Ion Ratio Lower Upper

43 100

74 21.6 16.3 24.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

80000

60000

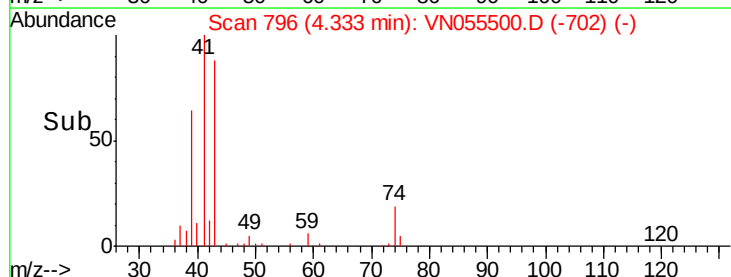
40000

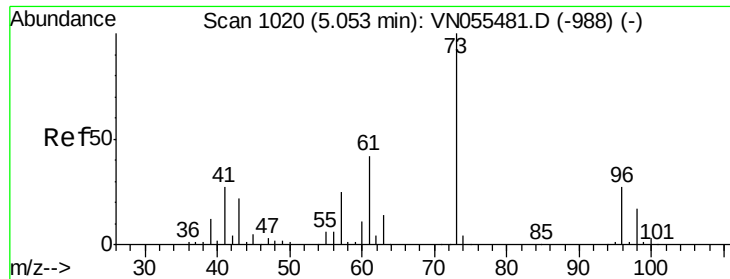
20000

0

Time-->

4.20 4.30 4.40

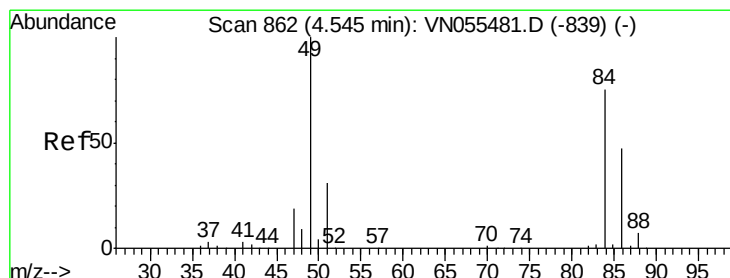
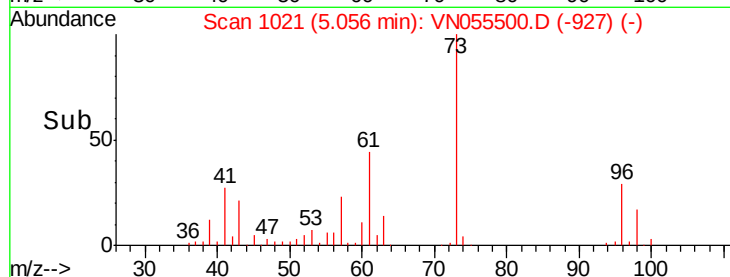
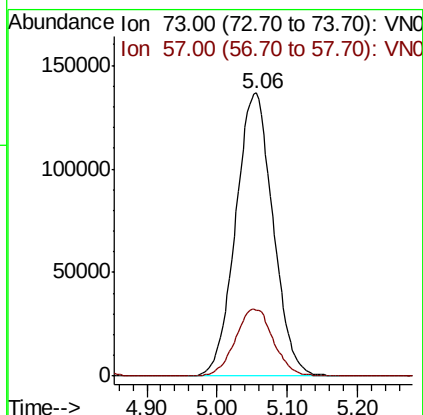
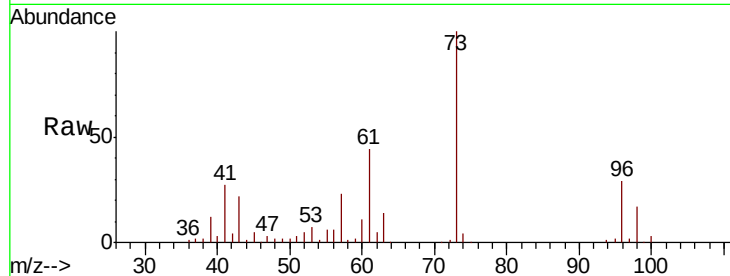




#19
Methyl tert-butyl Ether
Concen: 20.712 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

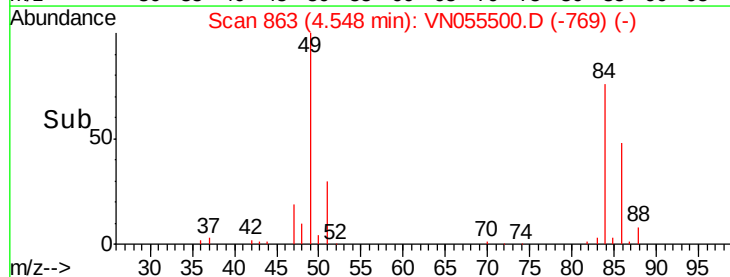
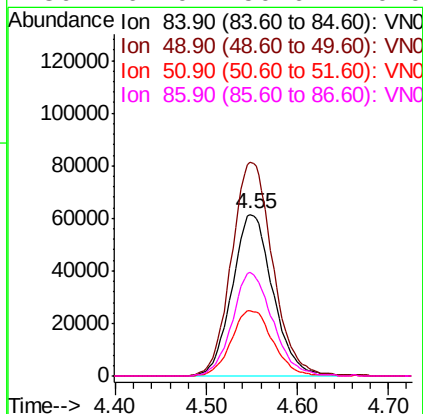
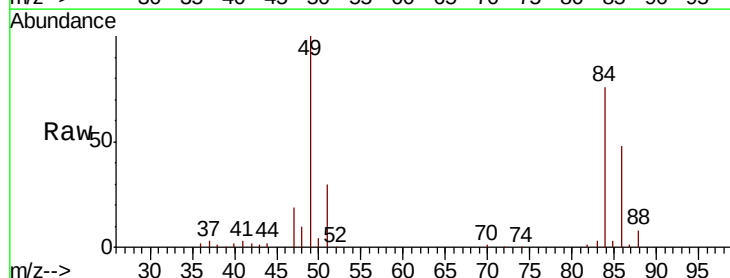
Instrument :
MSVOA_N
ClientSampleId :

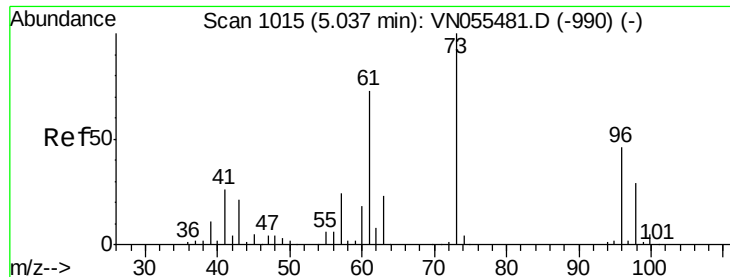
Tot Ion: 73 Resp: 504023
Ion Ratio Lower Upper
73 100
57 23.3 20.0 30.0



#20
Methylene Chloride
Concen: 19.999 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion: 84 Resp: 191041
Ion Ratio Lower Upper
84 100
49 132.2 107.0 160.6
51 39.8 33.0 49.4
86 64.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 20.601 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :
MSVOA_N
ClientSampled :

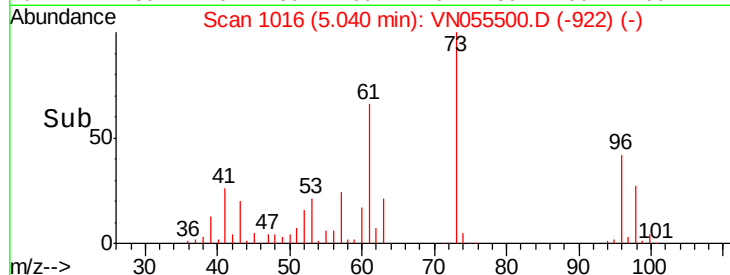
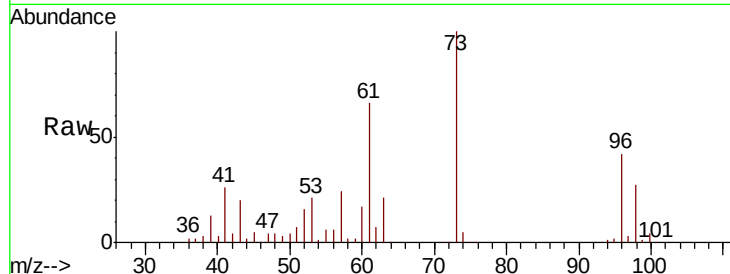
Tot Ion: 96 Resp: 163578

Ion Ratio Lower Upper

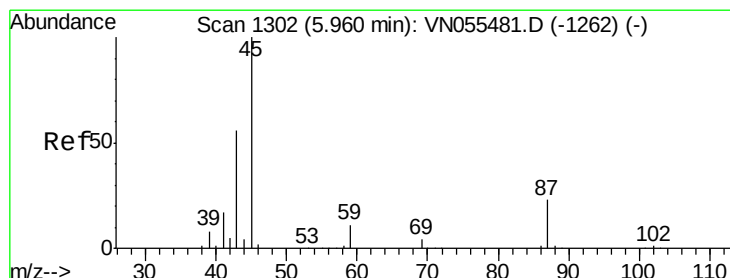
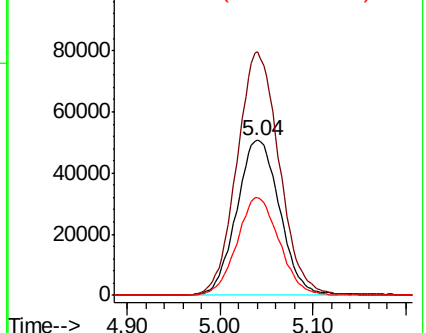
96 100

61 156.9 127.4 191.0

98 63.4 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.837 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Tgt Ion: 45 Resp: 635244

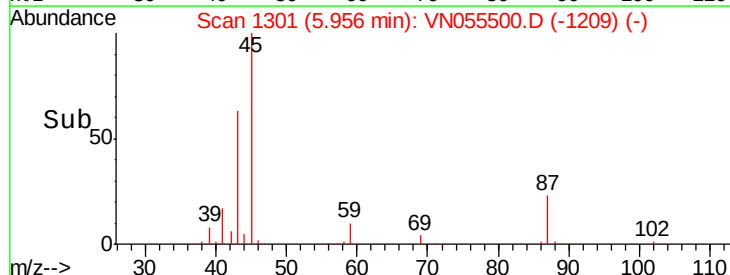
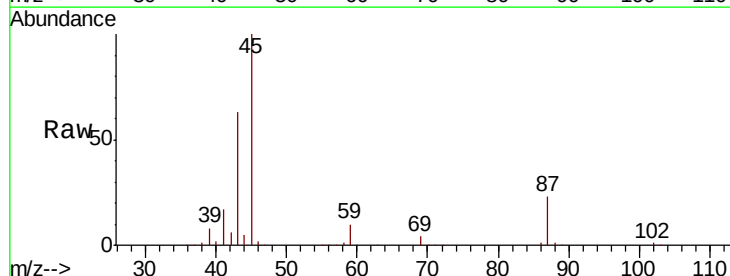
Ion Ratio Lower Upper

45 100

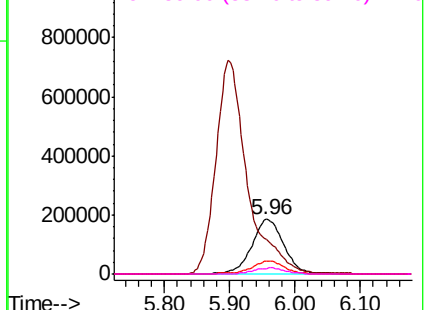
43 62.3 44.6 66.8

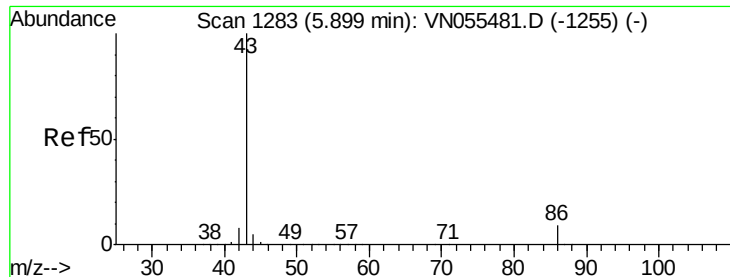
87 22.8 18.6 28.0

59 10.1 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

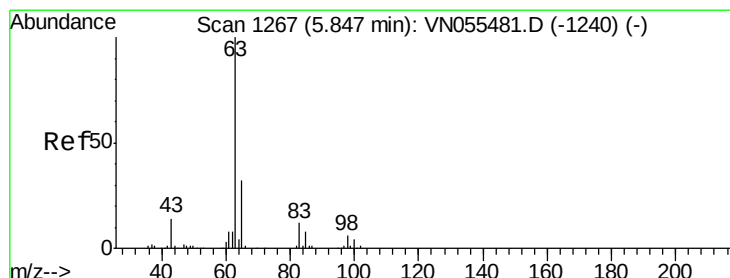
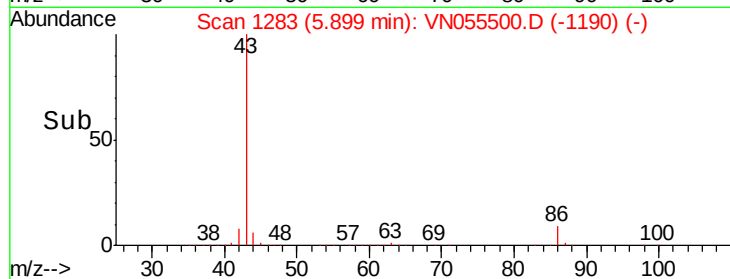
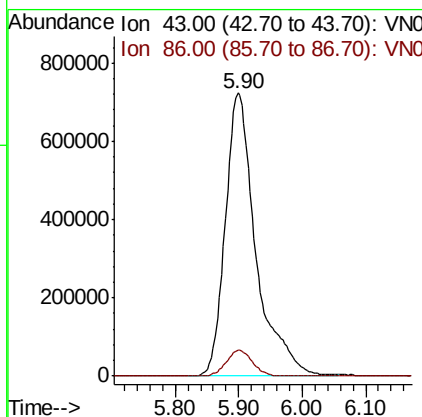
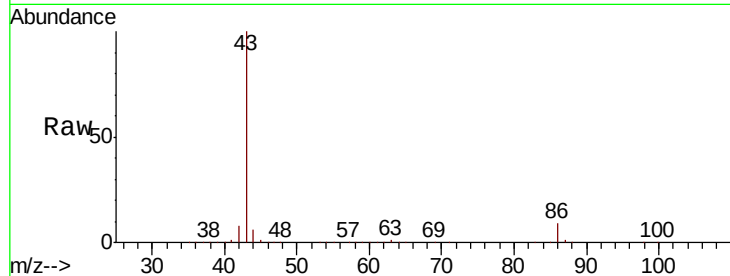




#23
 Vinyl Acetate
 Concen: 102.637 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

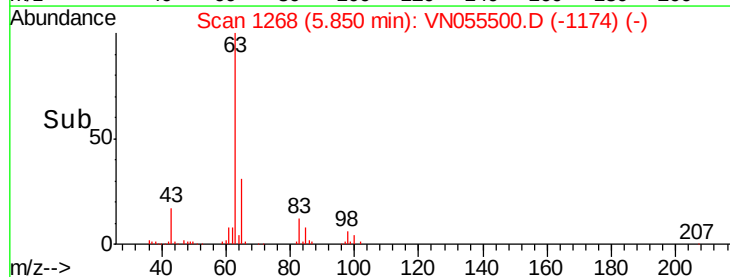
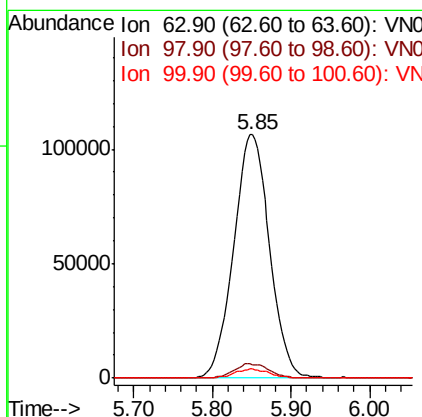
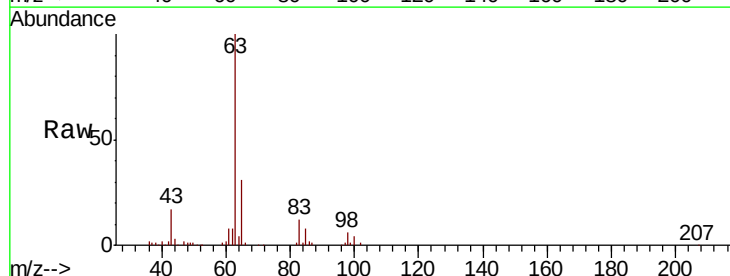
Instrument :
 MSVOA_N
 ClientSampleId :

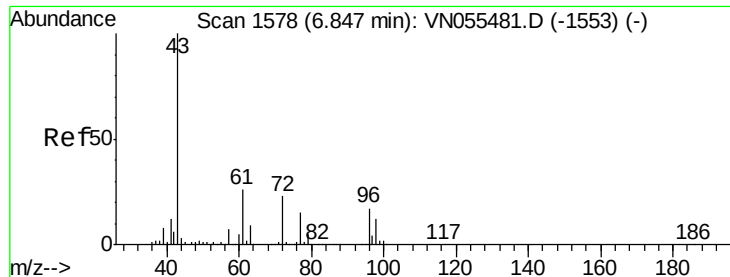
Tot Ion: 43 Resp: 2419823
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 20.633 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Tgt Ion: 63 Resp: 339559
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.0 9.0
 100 3.8 1.9 5.7

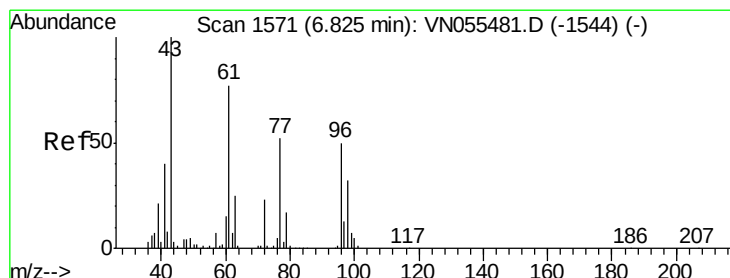
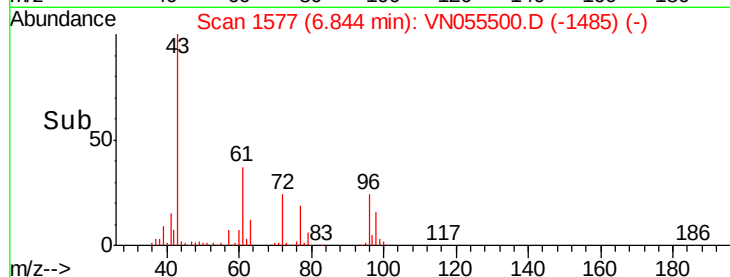
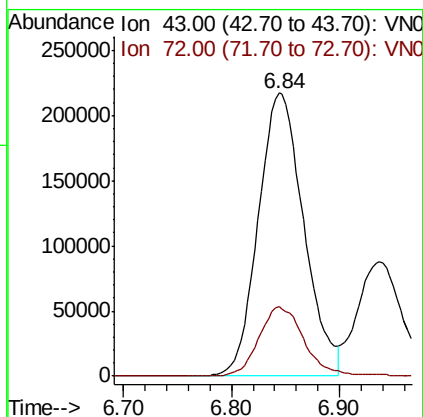
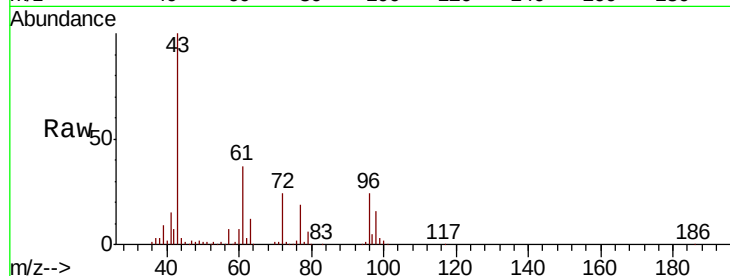




#25
2-Butanone
Concen: 97.886 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

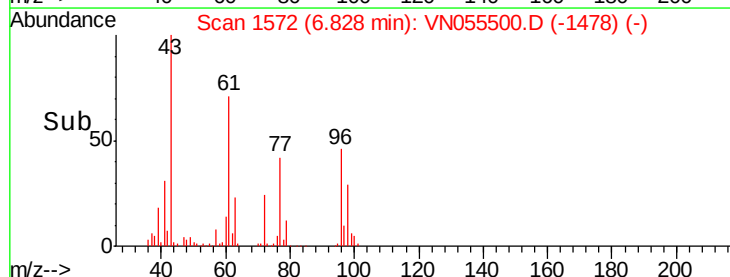
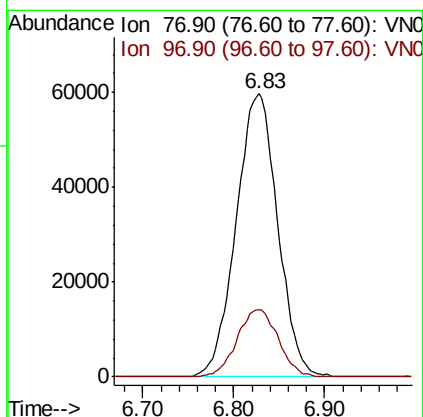
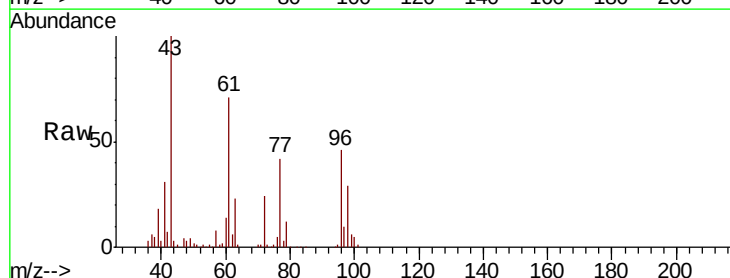
Instrument :
MSVOA_N
ClientSampled :

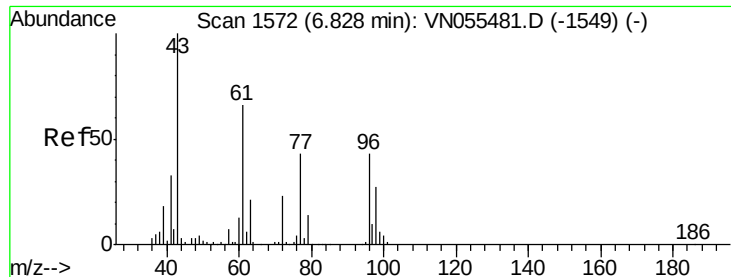
Tot Ion: 43 Resp: 631679
Ion Ratio Lower Upper
43 100
72 24.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 18.442 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion: 77 Resp: 189196
Ion Ratio Lower Upper
77 100
97 23.7 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 20.846 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :
MSVOA_N
ClientSampleId :

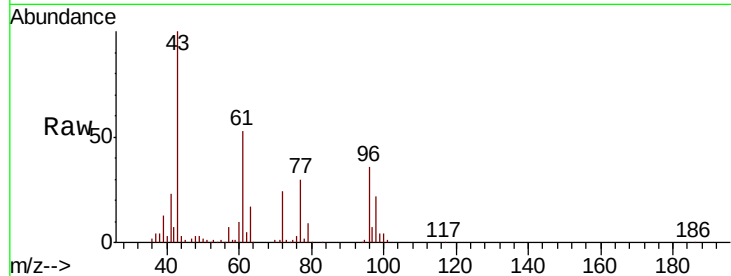
Tot Ion: 96 Resp: 191297

Ion Ratio Lower Upper

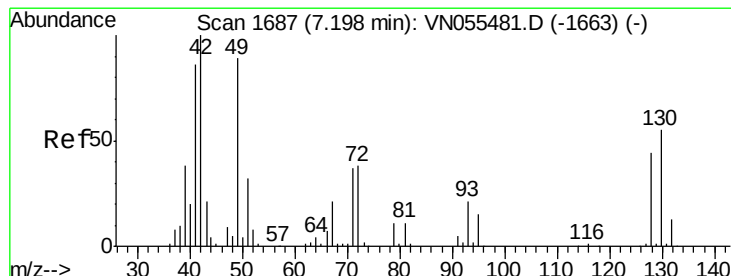
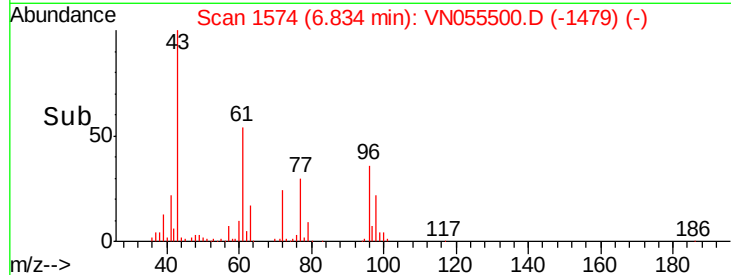
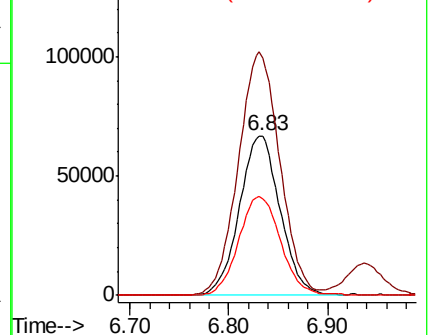
96 100

61 155.7 0.0 310.8

98 64.3 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.502 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

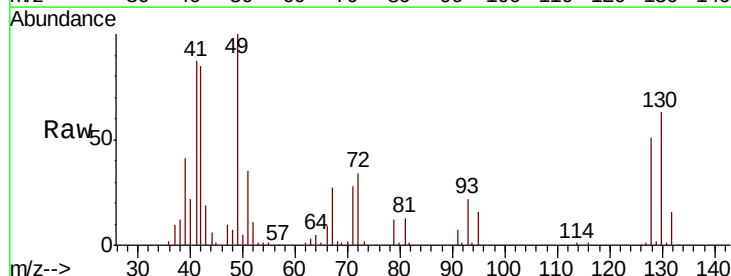
Tgt Ion: 49 Resp: 183764

Ion Ratio Lower Upper

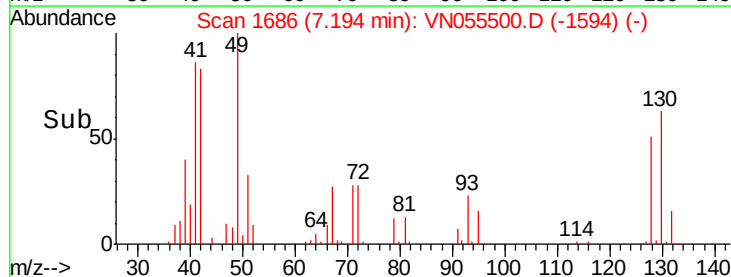
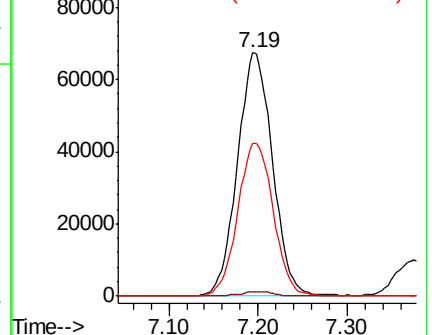
49 100

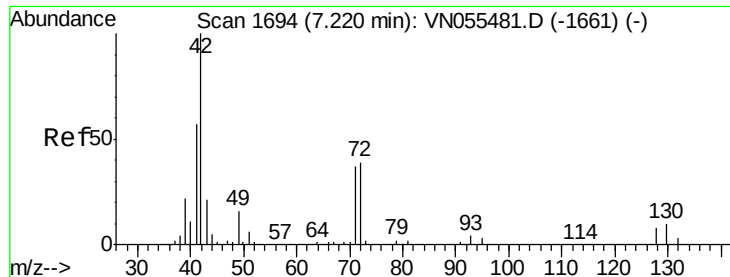
129 1.7 0.0 3.2

130 63.5 49.5 74.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

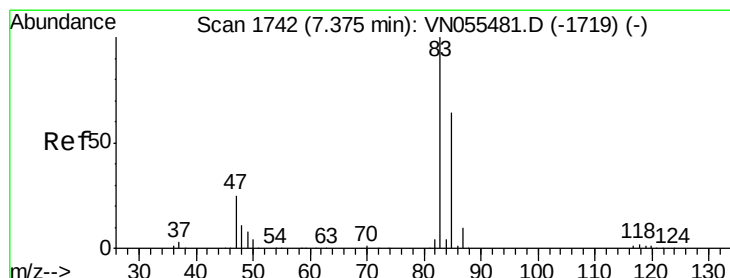
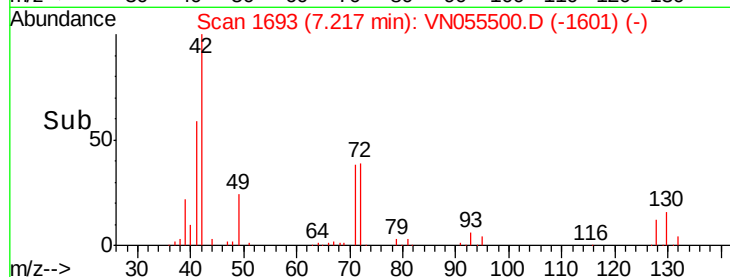
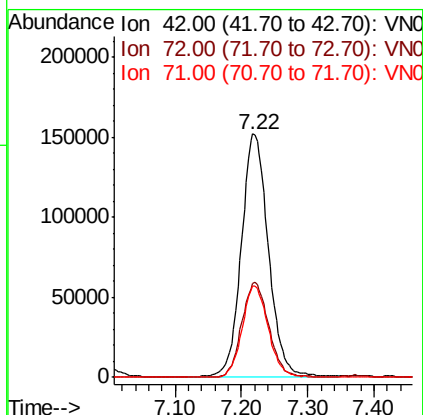
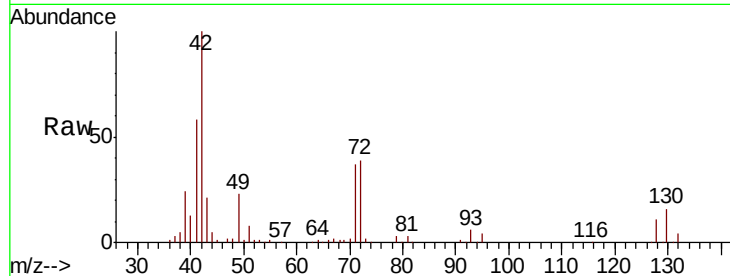




#29
Tetrahydrofuran
Concen: 100.792 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

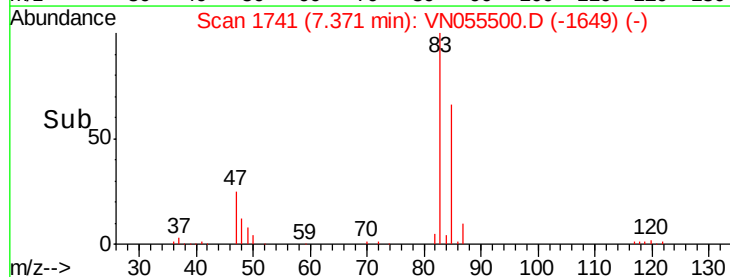
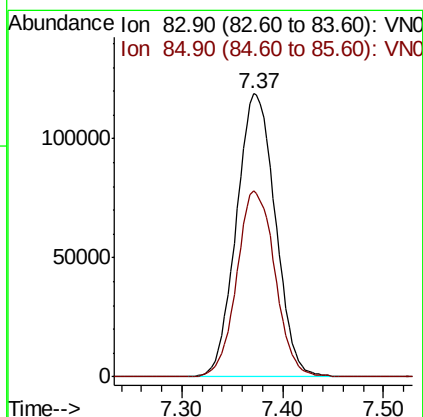
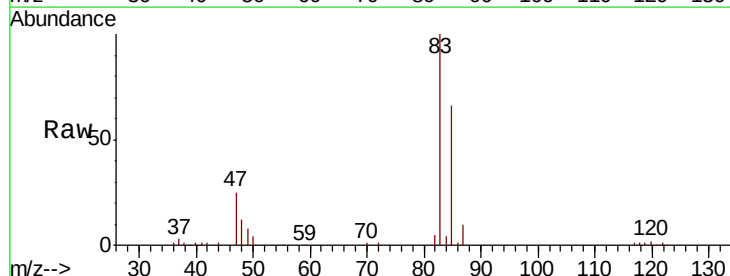
Instrument :
MSVOA_N
ClientSampled :

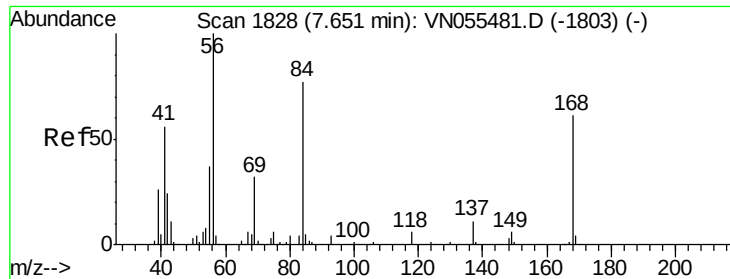
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.5	31.0	46.6
71	36.4	29.4	44.2



#30
Chloroform
Concen: 20.939 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.3	76.9

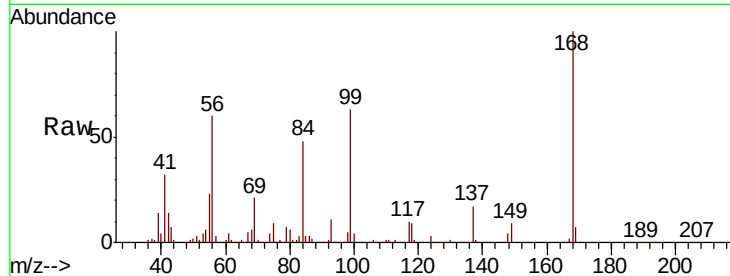




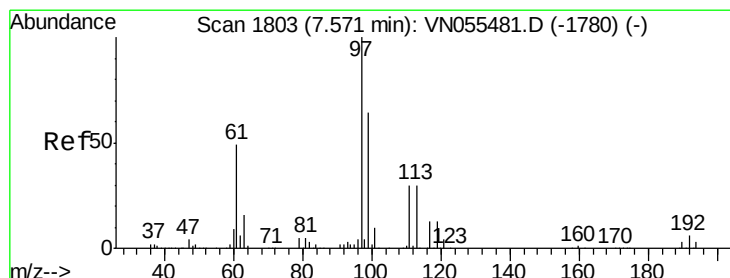
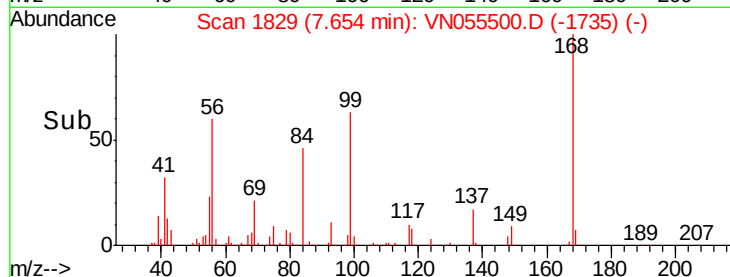
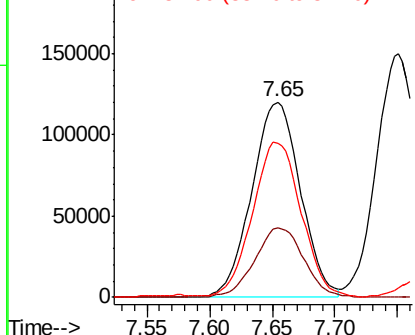
#31
Cyclohexane
Concen: 19.945 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 324766
Ion Ratio Lower Upper
56 100
69 35.7 26.0 39.0
84 78.0 61.9 92.9

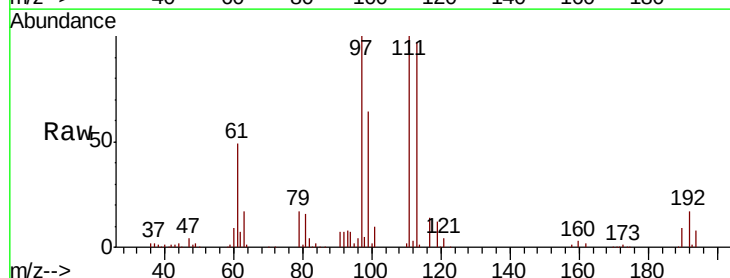


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

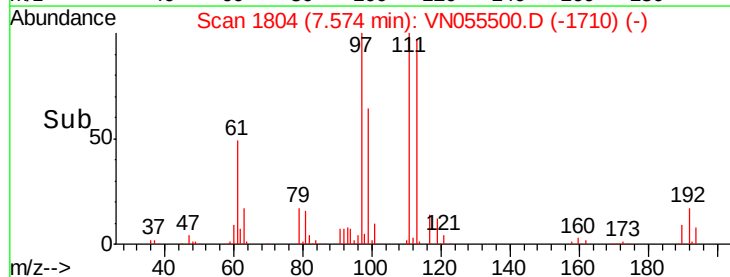
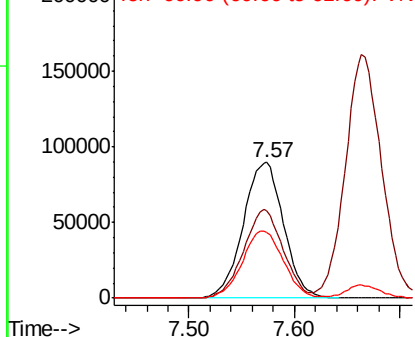


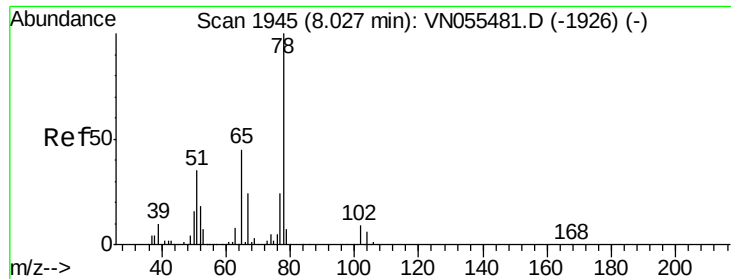
#32
1,1,1-Trichloroethane
Concen: 20.629 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion: 97 Resp: 238998
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 50.4 39.2 58.8



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

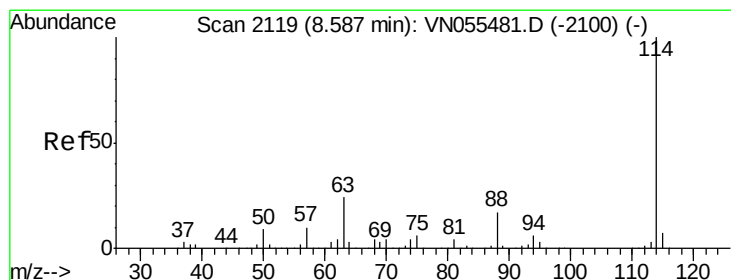
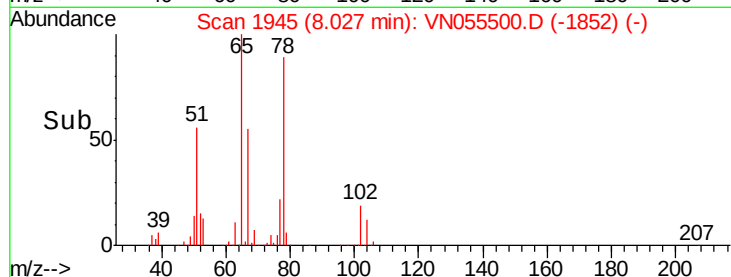
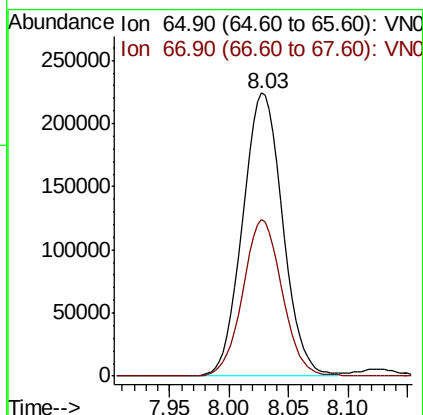
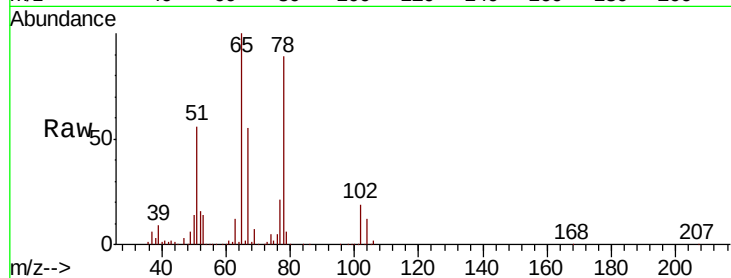




#33
 1,2-Dichloroethane-d4
 Concen: 51.921 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

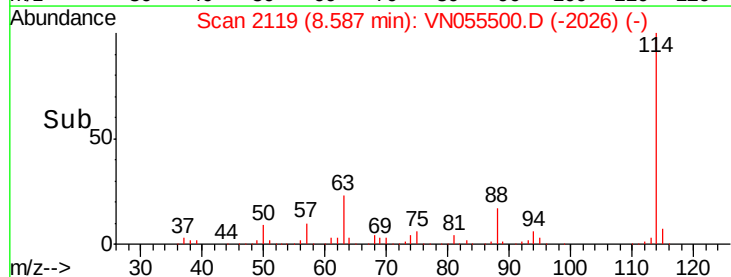
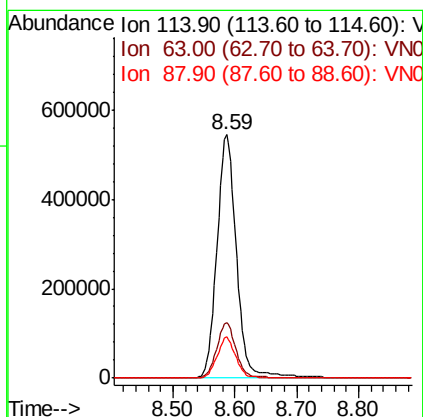
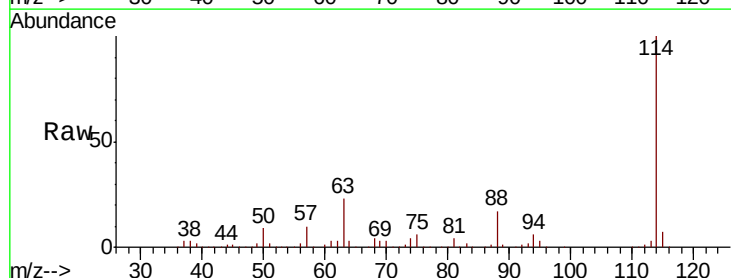
Instrument :
 MSVOA_N
 ClientSampled :

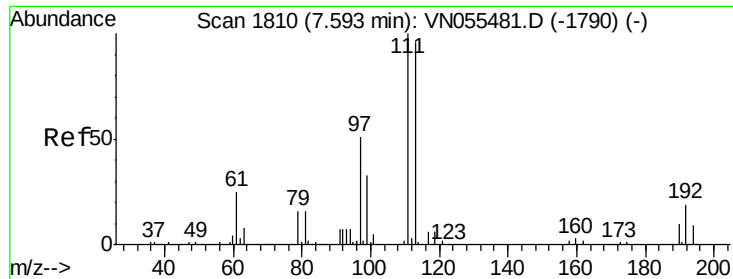
Tot Ion: 65 Resp: 523838
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Tgt Ion: 114 Resp: 1197499
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 16.8 0.0 34.0

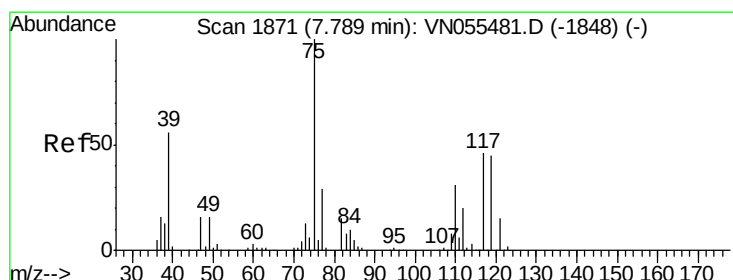
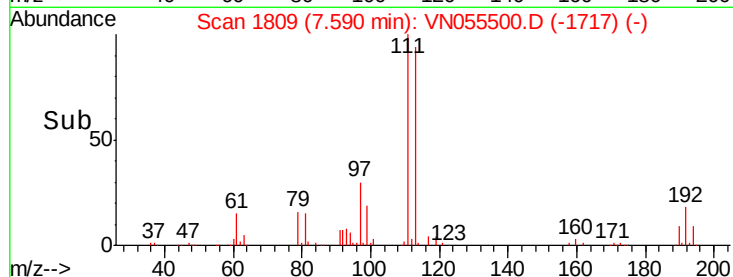
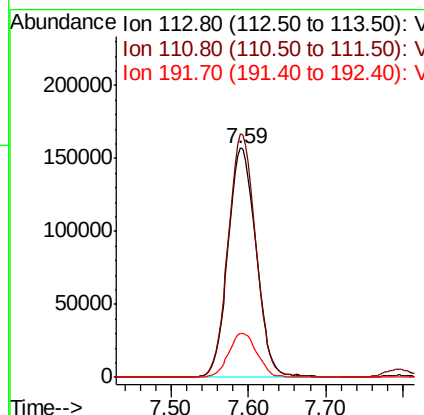
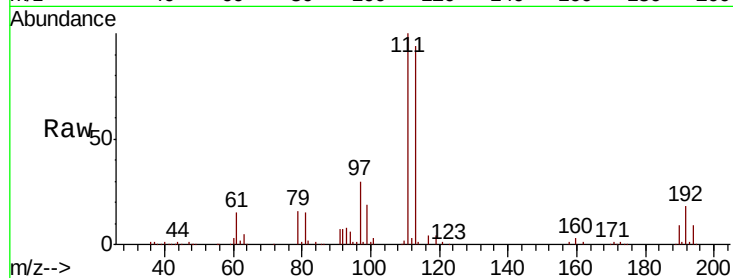




#35
 Dibromofluoromethane
 Concen: 51.281 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

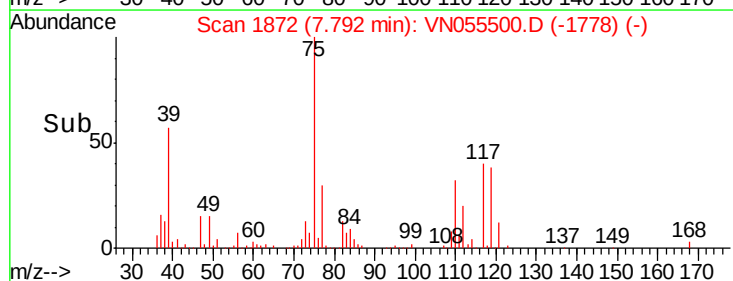
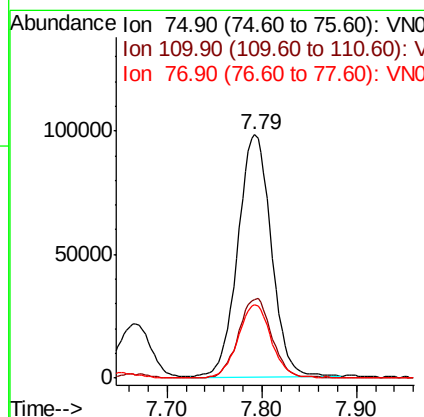
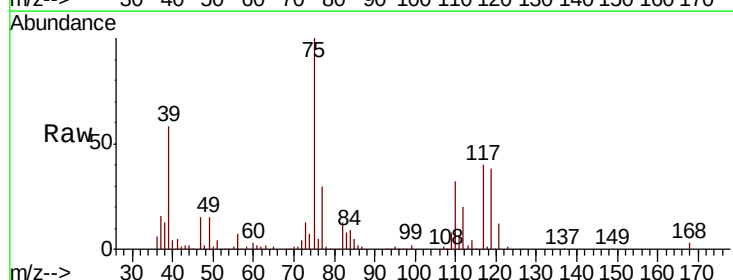
Instrument :
 MSVOA_N
 ClientSampleId :

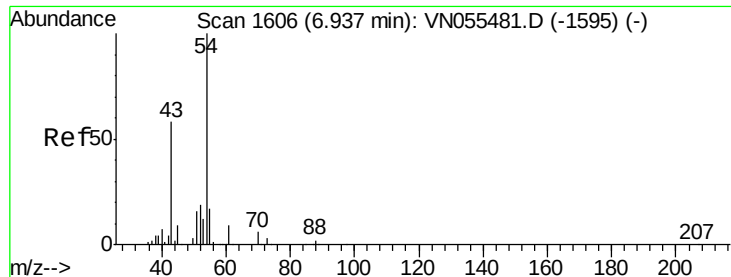
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.9	124.3
192	19.4	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 20.375 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.1	48.3
77	30.3	24.6	37.0

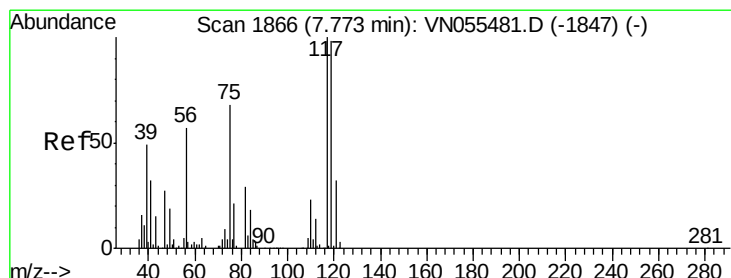
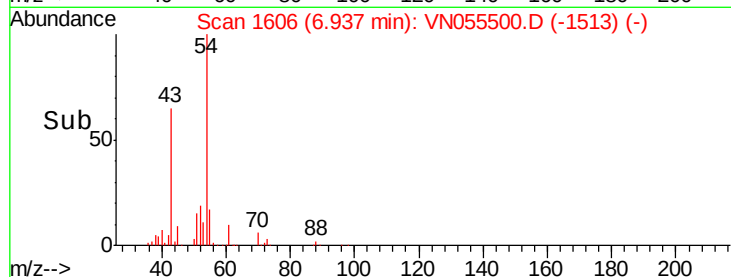
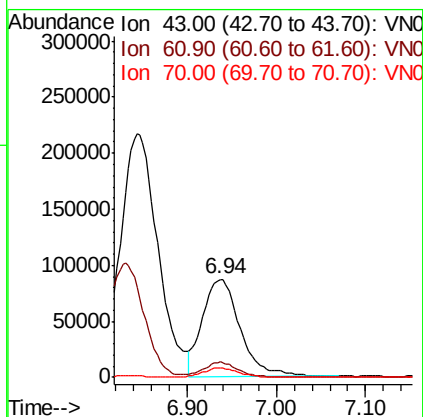
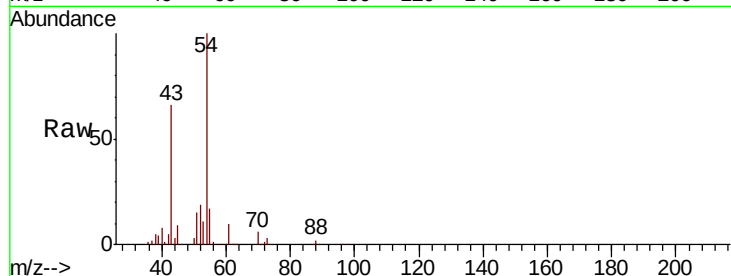




#37
Ethyl Acetate
Concen: 19.785 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

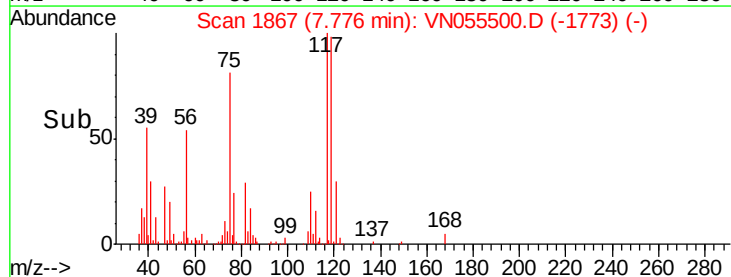
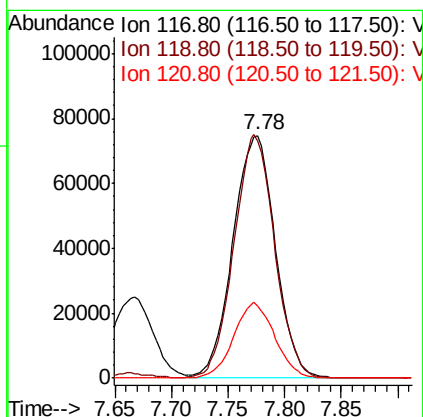
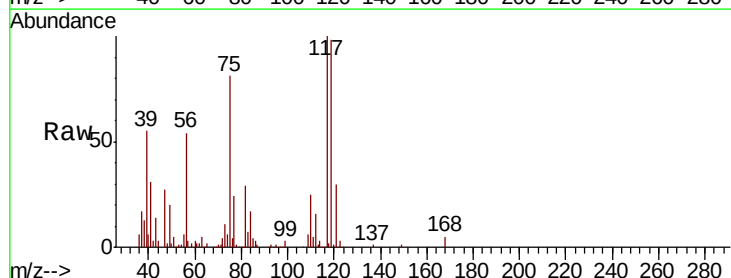
Instrument :
MSVOA_N
ClientSampled :

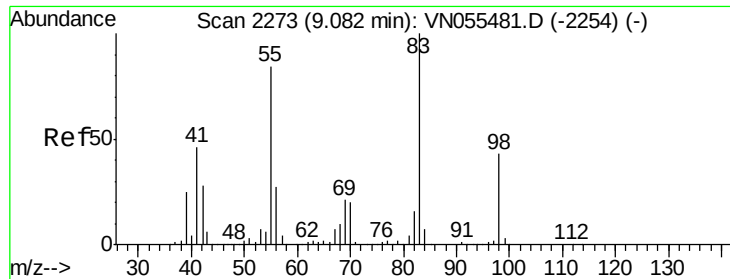
Tot Ion: 43 Resp: 254615
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 9.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.530 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion: 117 Resp: 194010
Ion Ratio Lower Upper
117 100
119 97.9 77.8 116.6
121 29.7 25.2 37.8

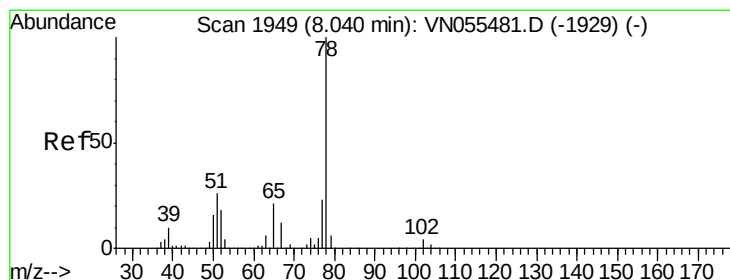
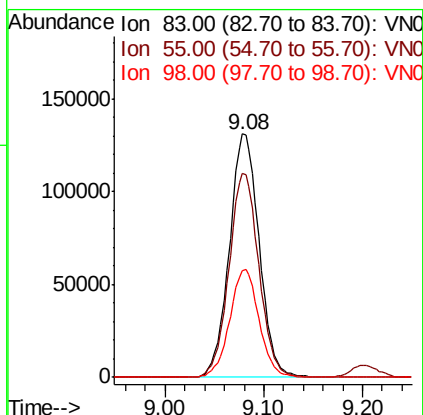
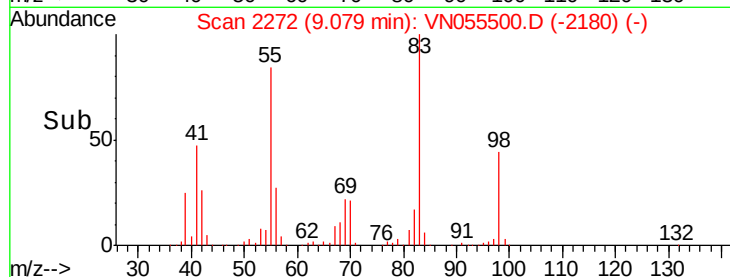
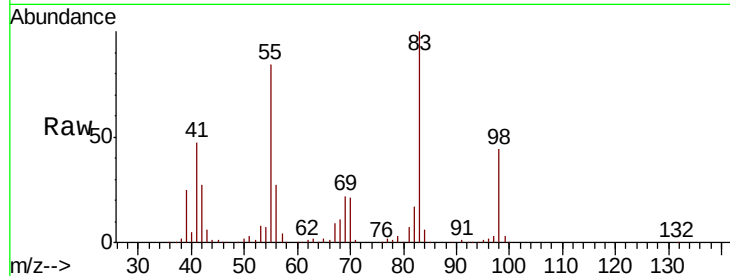




#39
Methylvlcyclohexane
Concen: 19.191 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

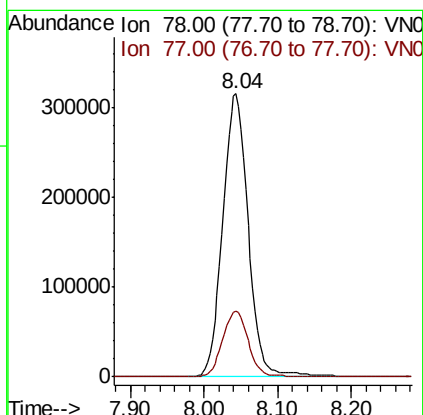
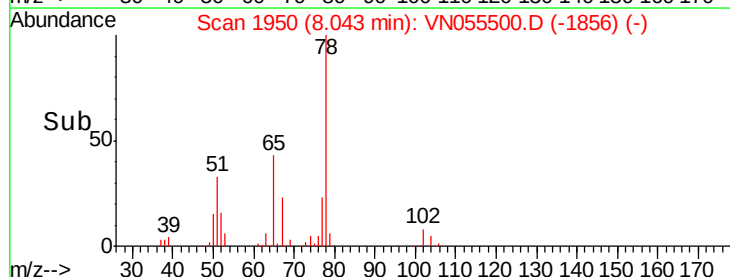
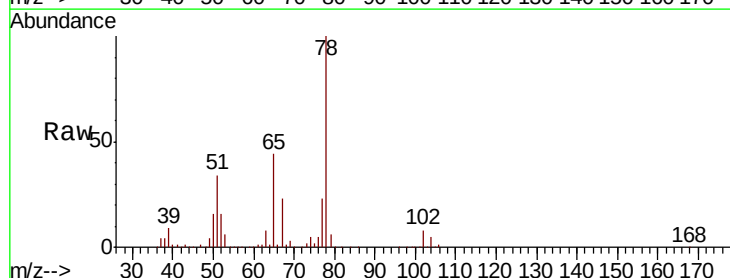
Instrument :
MSVOA_N
ClientSampled :

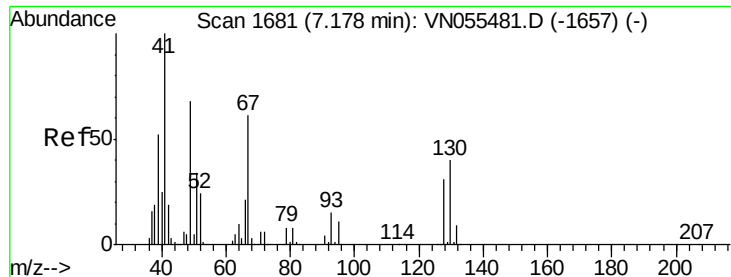
Tot Ion: 83 Resp: 276053
Ion Ratio Lower Upper
83 100
55 83.5 67.0 100.4
98 43.8 34.2 51.4



#40
Benzene
Concen: 20.693 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion: 78 Resp: 757659
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8

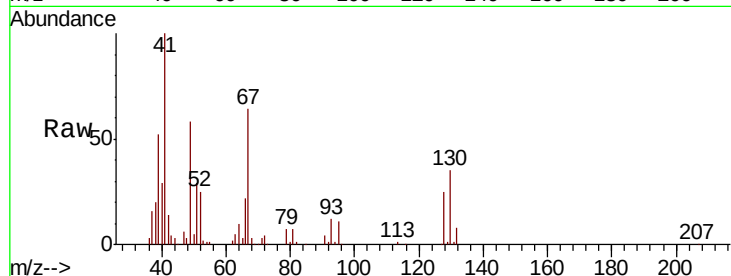




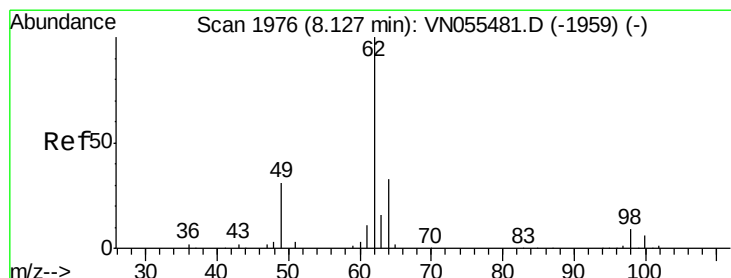
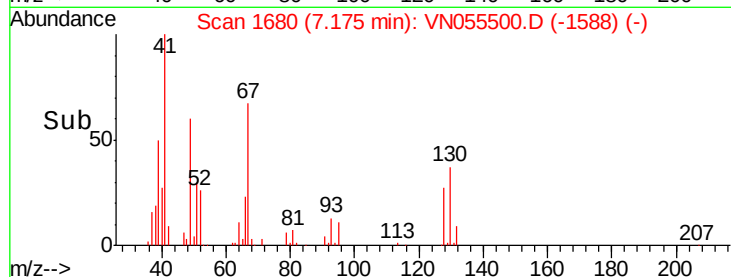
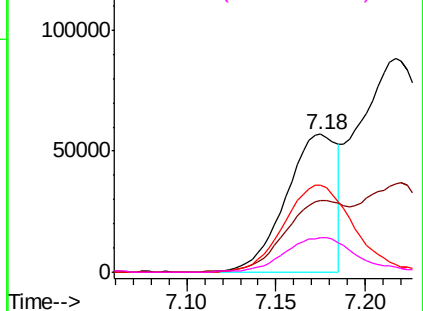
#41
Methacrylonitrile
Concen: 18.986 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 113401
Ion Ratio Lower Upper
41 100
39 61.5 44.7 67.1
67 86.8 61.4 92.0
52 34.3 25.0 37.4

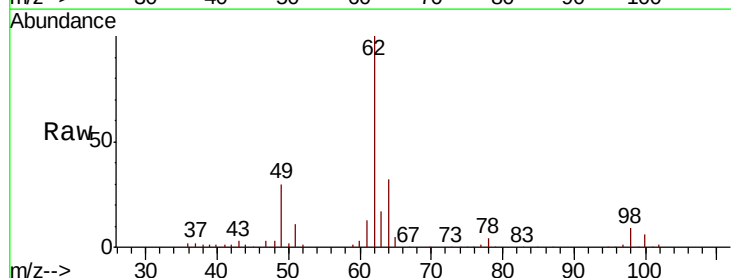


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

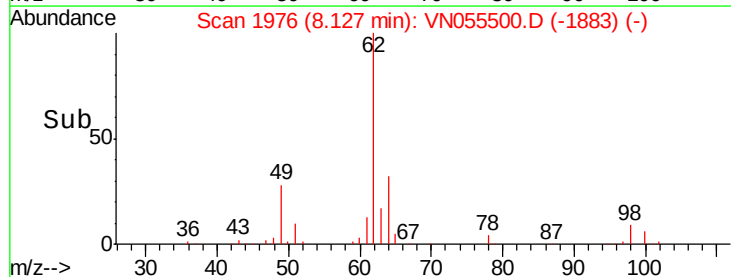
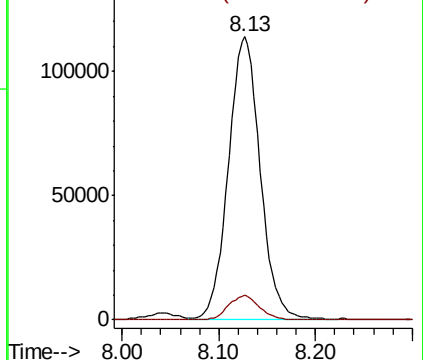


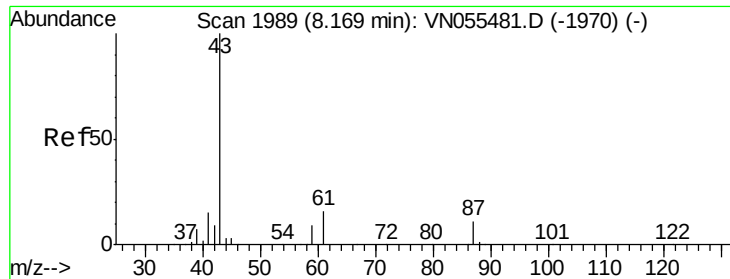
#42
1,2-Dichloroethane
Concen: 20.145 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion: 62 Resp: 259141
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.4



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





#43

Isopropyl Acetate

Concen: 19.770 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

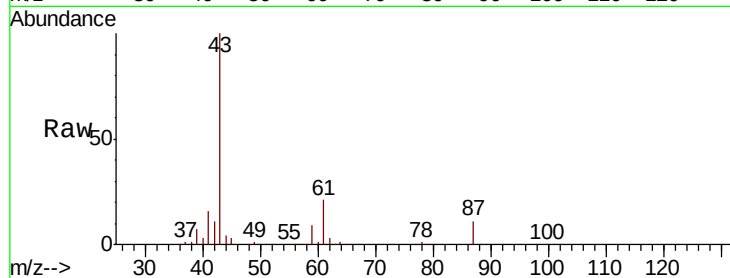
Tot Ion: 43 Resp: 386524

Ion Ratio Lower Upper

43 100

61 20.0 15.1 22.7

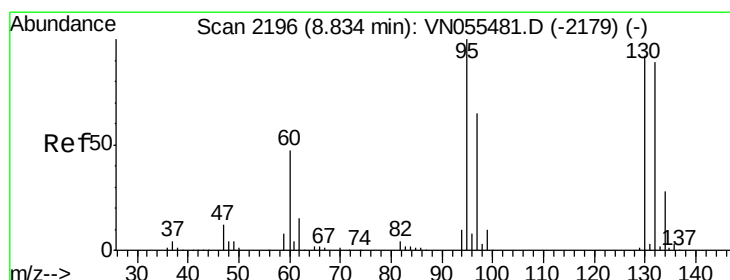
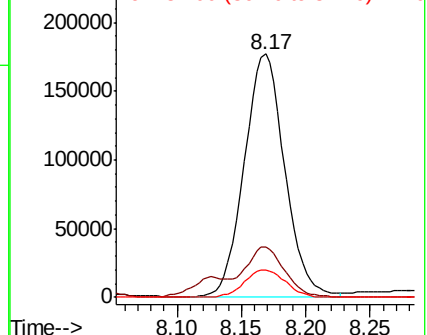
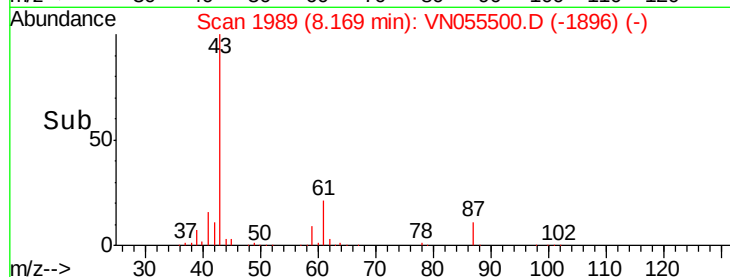
87 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055500.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN055500.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN055500.D (-1896) (-)



#44

Trichloroethene

Concen: 20.618 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055500.D

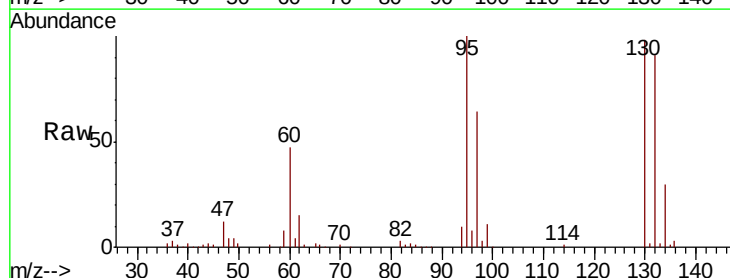
Acq: 9 May 2019 16:29

Tgt Ion:130 Resp: 179627

Ion Ratio Lower Upper

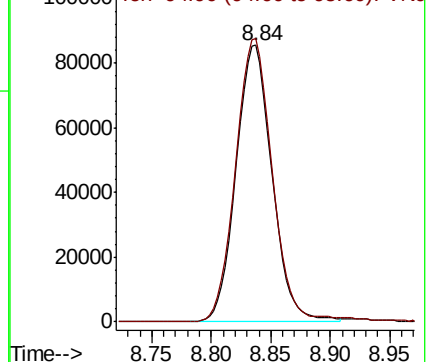
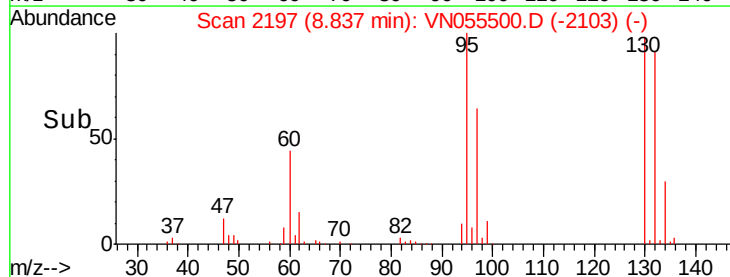
130 100

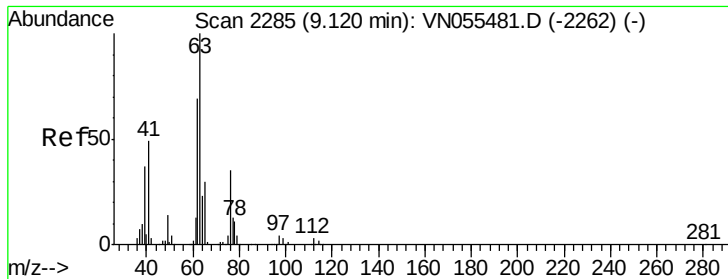
95 102.4 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055500.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055500.D (-2103) (-)

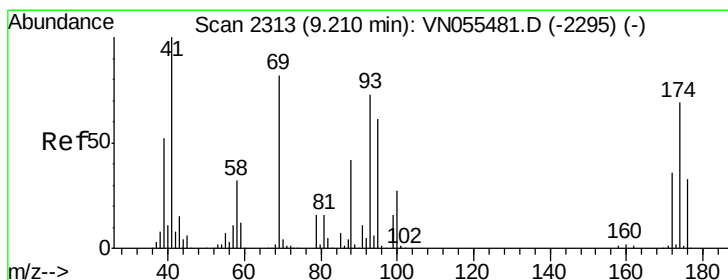
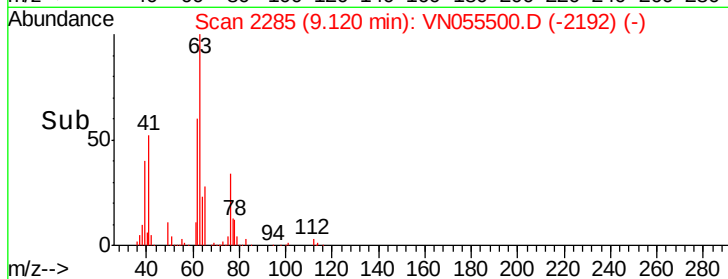
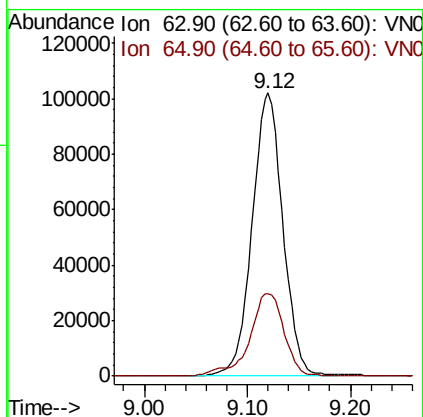
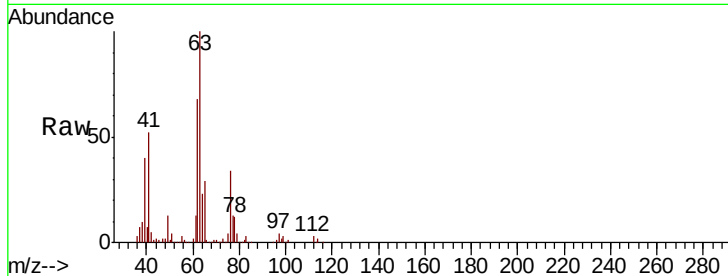




#45
 1,2-Dichloropropane
 Concen: 20.119 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

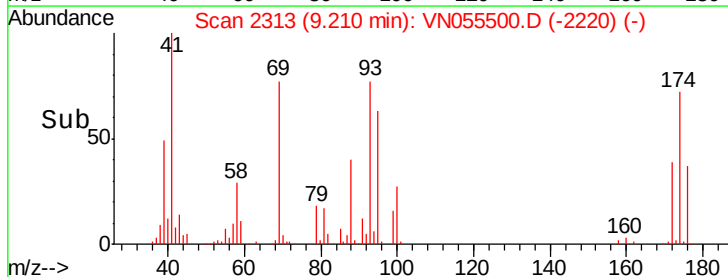
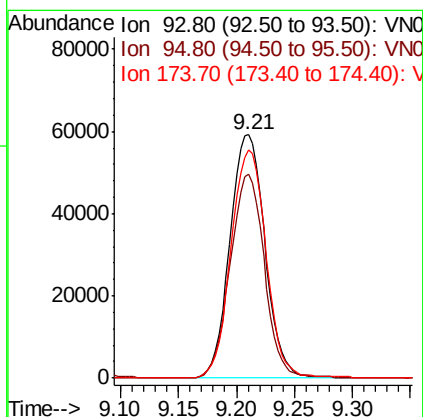
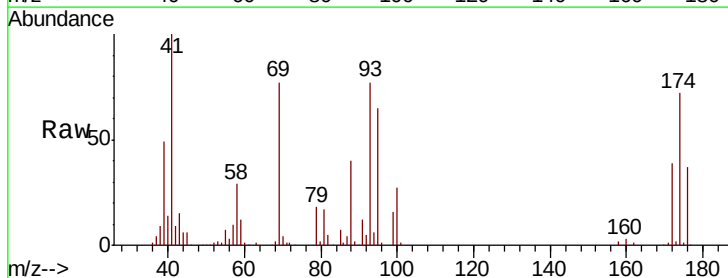
Instrument :
 MSVOA_N
 ClientSampled :

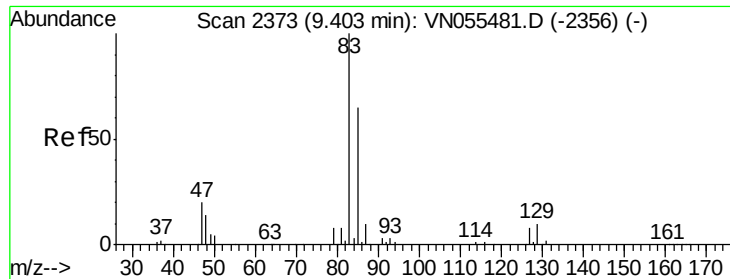
Tot Ion: 63 Resp: 210771
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.1 36.1



#46
 Dibromomethane
 Concen: 20.468 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Tgt Ion: 93 Resp: 124287
 Ion Ratio Lower Upper
 93 100
 95 81.8 64.8 97.2
 174 94.3 75.0 112.6





#47

Bromodichloromethane

Concen: 19.910 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

ClientSampled :

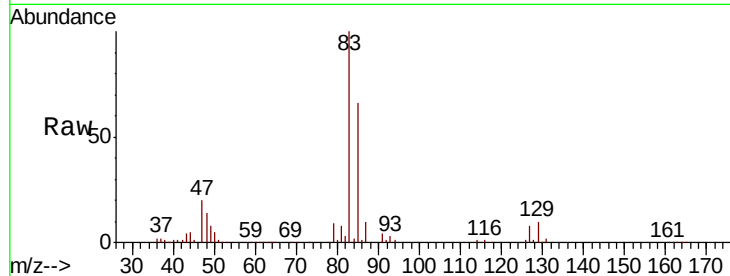
Tot Ion: 83 Resp: 231296

Ion Ratio Lower Upper

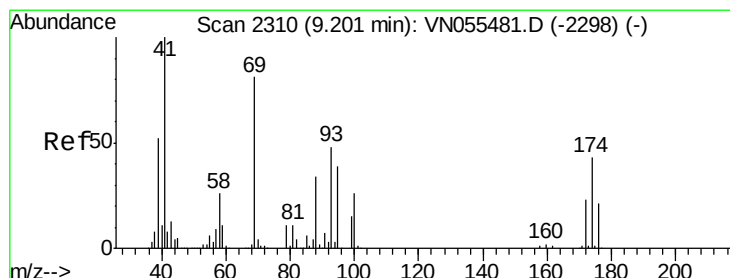
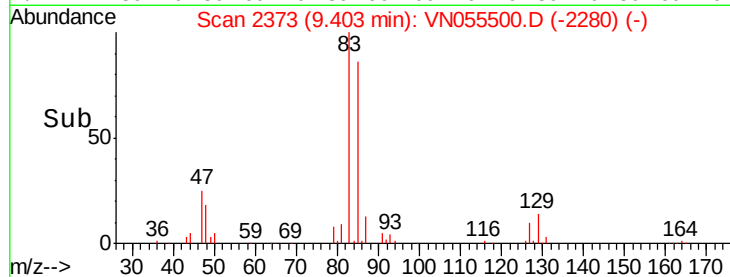
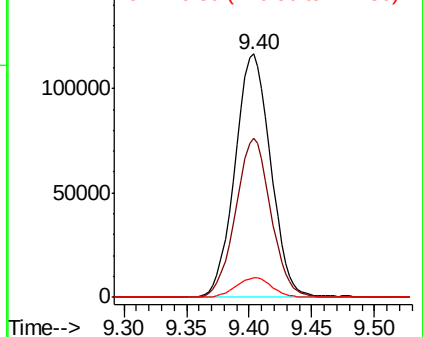
83 100

85 65.5 52.2 78.2

127 7.9 6.5 9.7



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



#48

Methyl methacrylate

Concen: 19.809 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

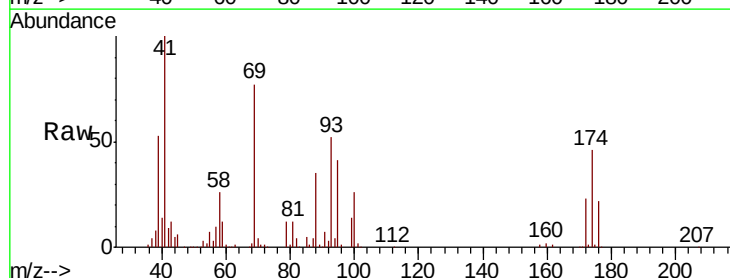
Tgt Ion: 41 Resp: 186603

Ion Ratio Lower Upper

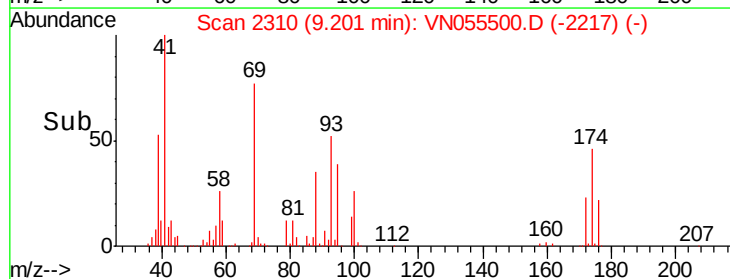
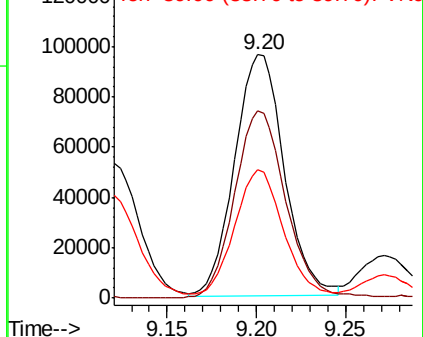
41 100

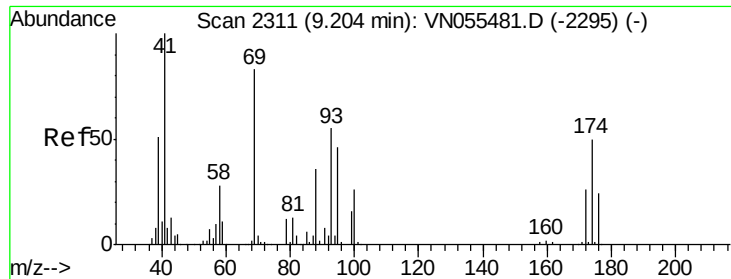
69 80.3 64.2 96.2

39 52.2 41.6 62.4



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

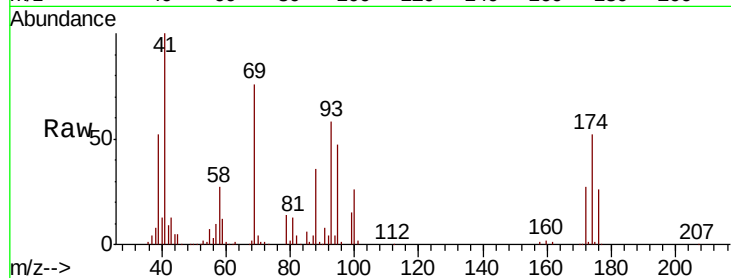




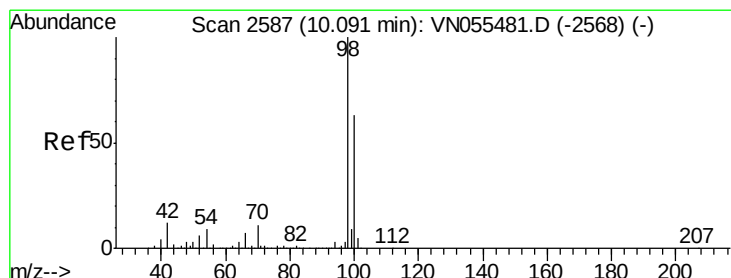
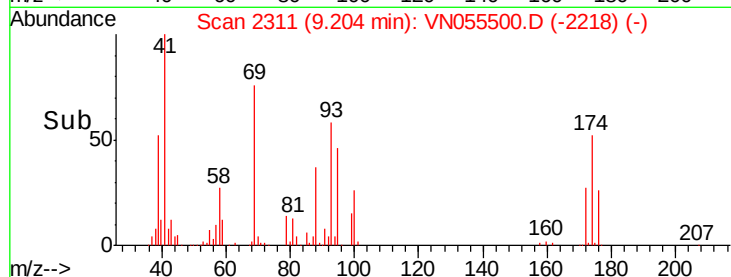
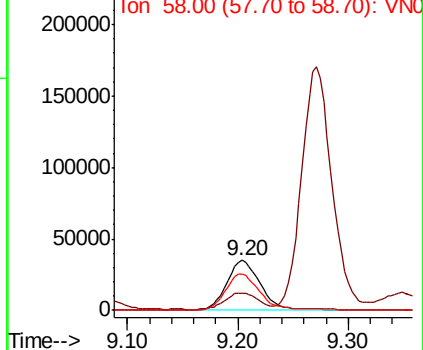
#49
 1,4-Dioxane
 Concen: 403.520 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 74085
 Ion Ratio Lower Upper
 88 100
 43 34.0 27.8 41.8
 58 73.8 61.8 92.6

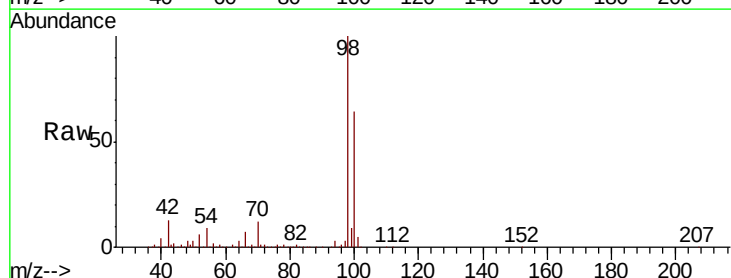


Abundance Ion 88.00 (87.70 to 88.70): VN055500.D (-2218) (-)
 Ion 43.00 (42.70 to 43.70): VN055500.D (-2218) (-)
 Ion 58.00 (57.70 to 58.70): VN055500.D (-2218) (-)

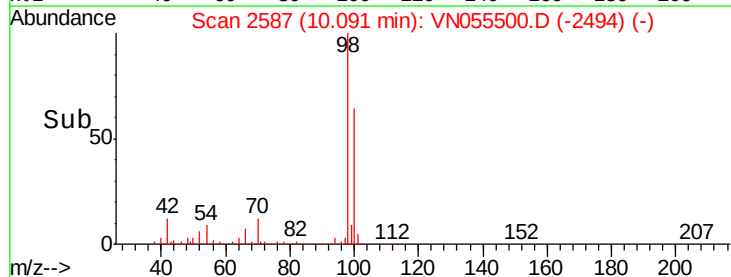
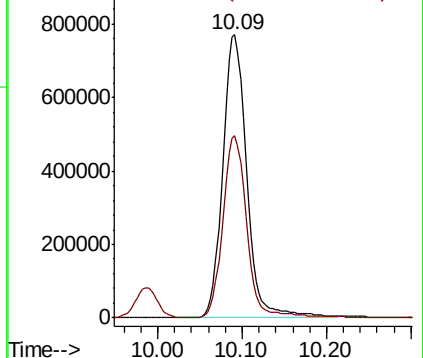


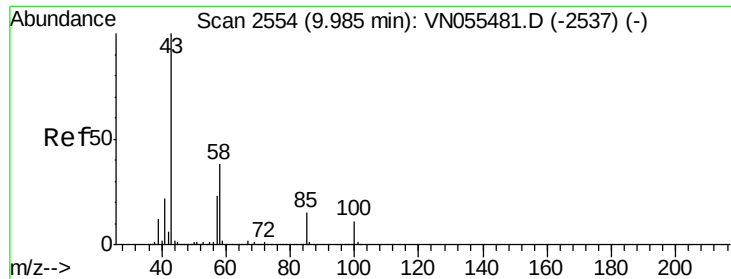
#50
 Toluene-d8
 Concen: 50.757 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Tgt Ion: 98 Resp: 1527935
 Ion Ratio Lower Upper
 98 100
 100 64.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055500.D (-2494) (-)
 Ion 100.00 (99.70 to 100.70): VN055500.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 97.169 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

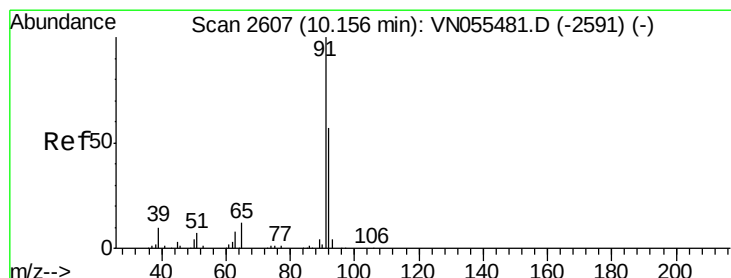
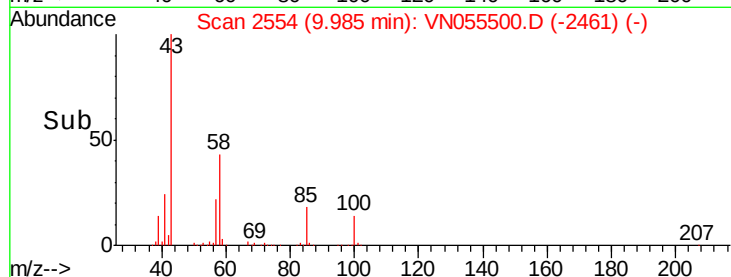
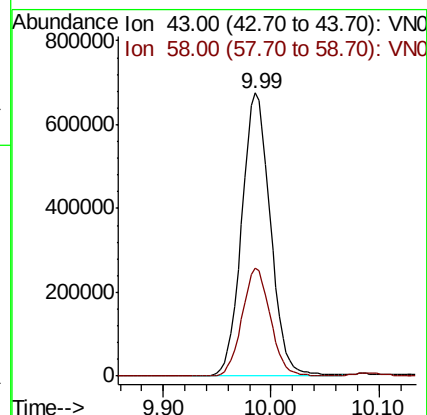
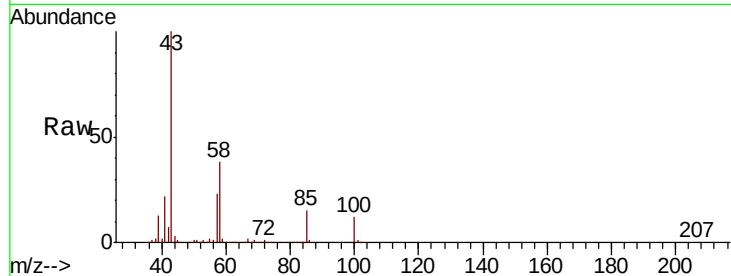
ClientSampleId :

Tot Ion: 43 Resp: 1249455

Ion Ratio Lower Upper

43 100

58 37.8 29.9 44.9



#52

Toluene

Concen: 20.489 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055500.D

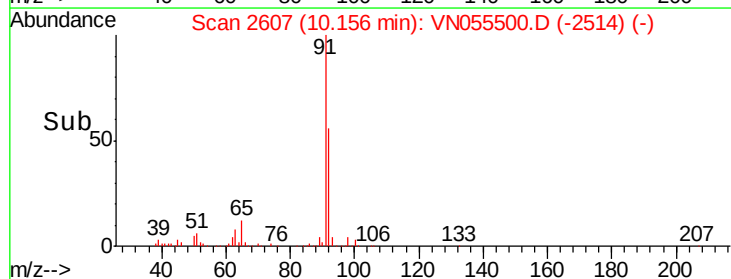
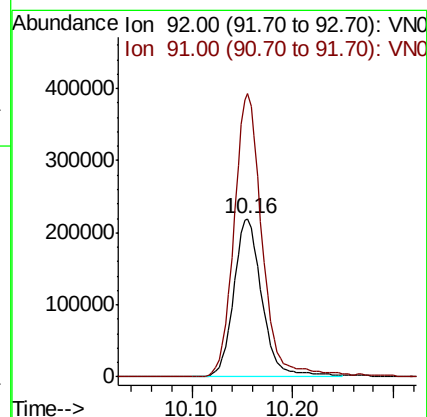
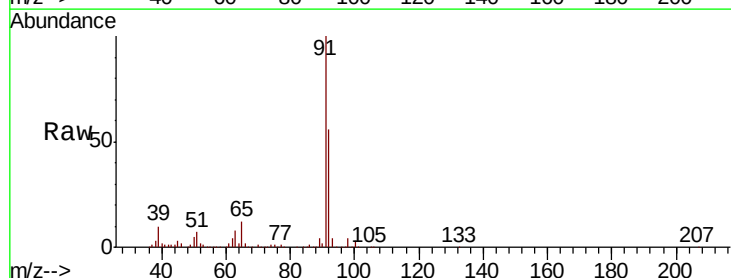
Acq: 9 May 2019 16:29

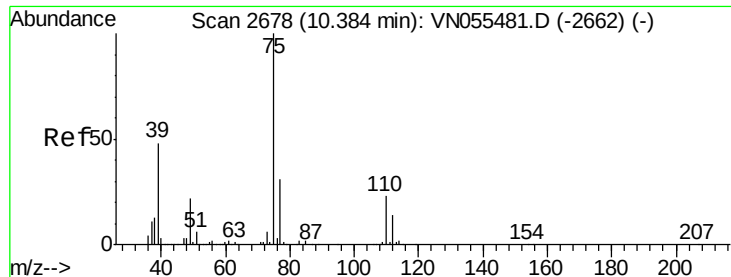
Tgt Ion: 92 Resp: 428880

Ion Ratio Lower Upper

92 100

91 177.4 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 19.650 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

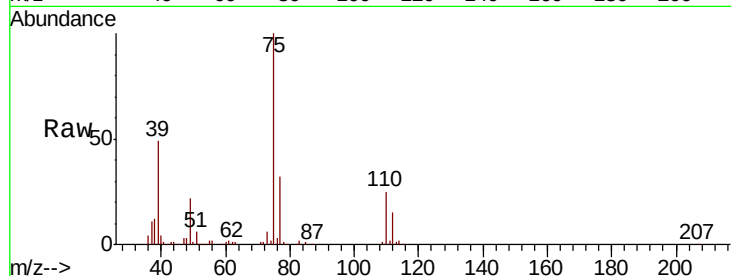
ClientSampled :

Tot Ion: 75 Resp: 219245

Ion Ratio Lower Upper

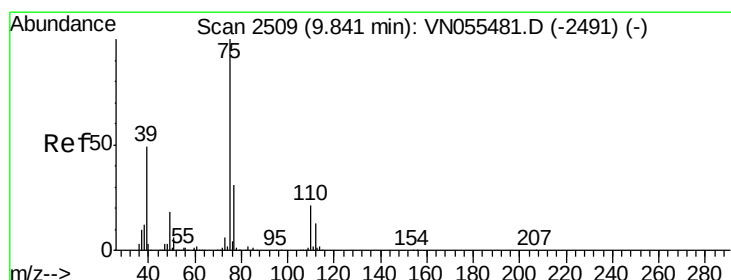
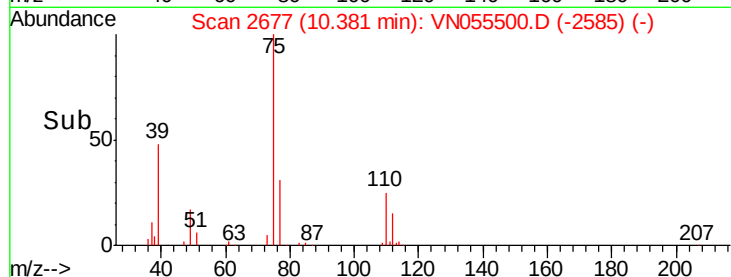
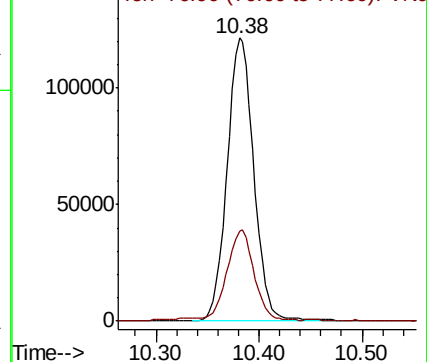
75 100

77 31.5 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.636 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

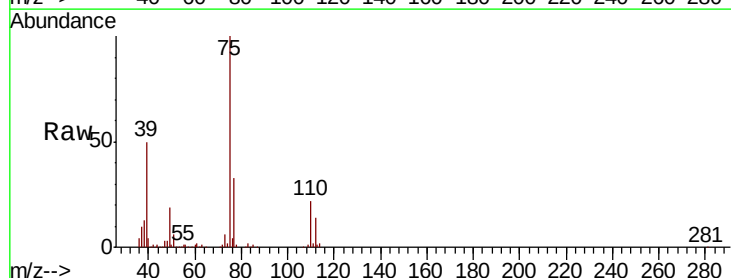
Tgt Ion: 75 Resp: 261787

Ion Ratio Lower Upper

75 100

77 32.8 24.4 36.6

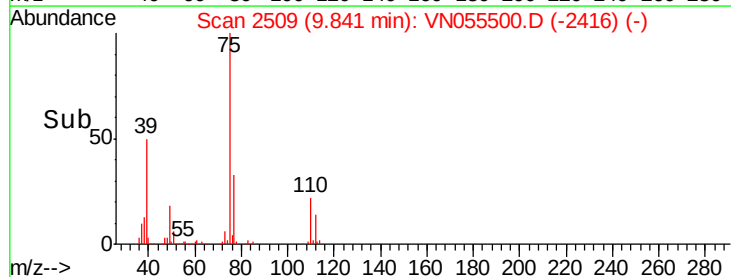
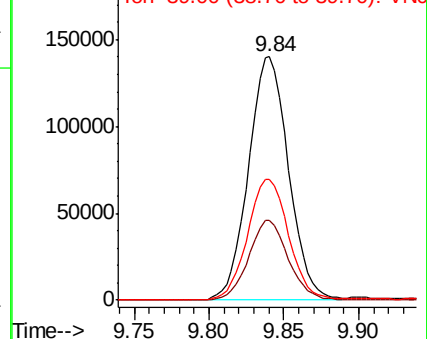
39 49.6 39.5 59.3

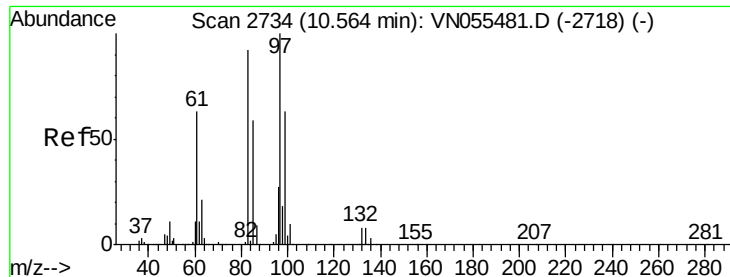


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

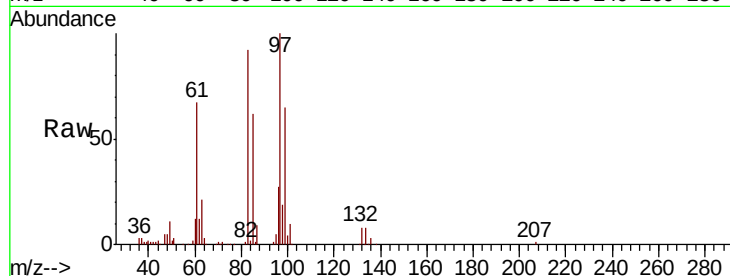




#55
 1,1,2-Trichloroethane
 Concen: 19.988 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	97	Resp	169516
Ion	Ratio	Lower	Upper
97	100		
83	91.6	73.2	109.8
85	62.1	47.5	71.3
99	65.2	50.2	75.2



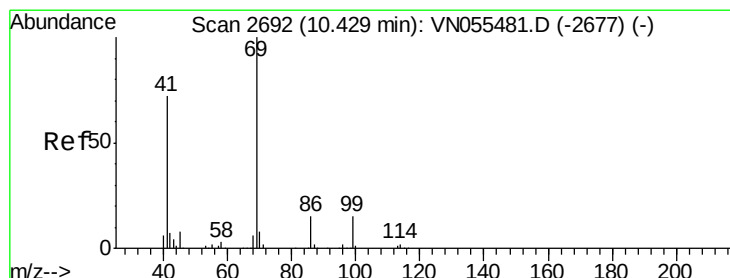
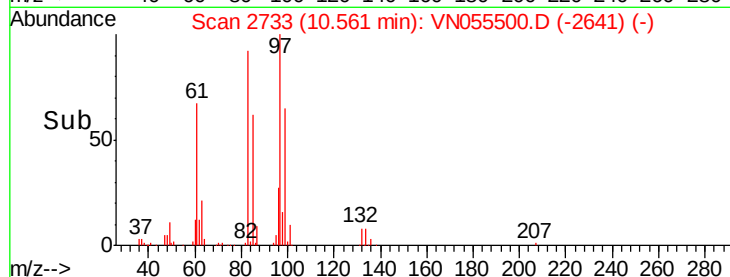
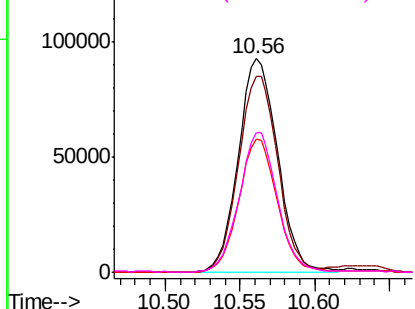
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

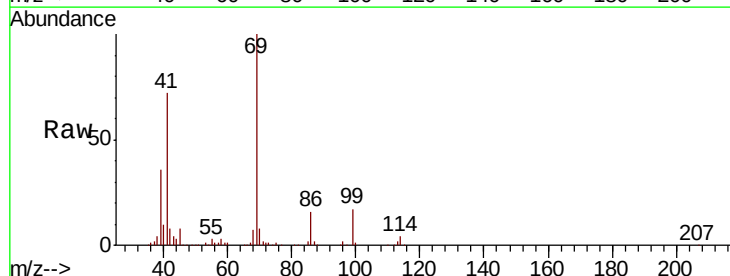
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 19.327 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Tgt Ion	69	Resp	243813
Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.2	84.2
39	34.9	27.8	41.6

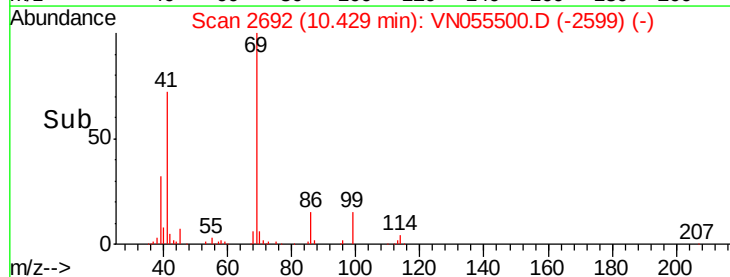
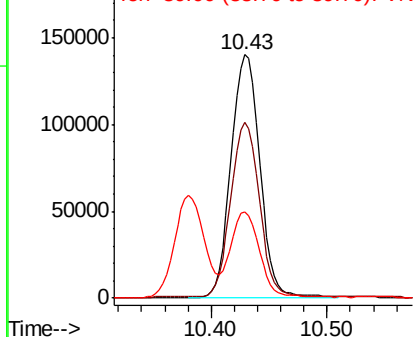


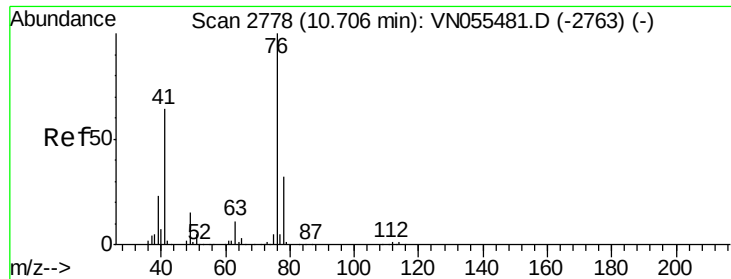
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

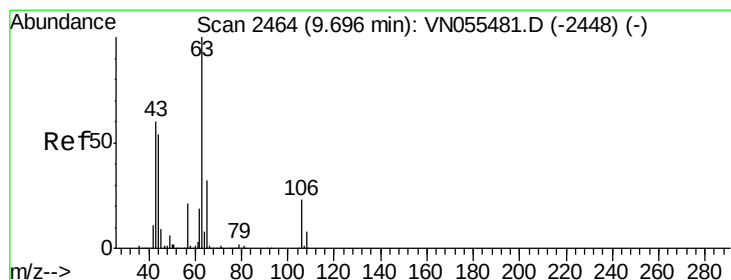
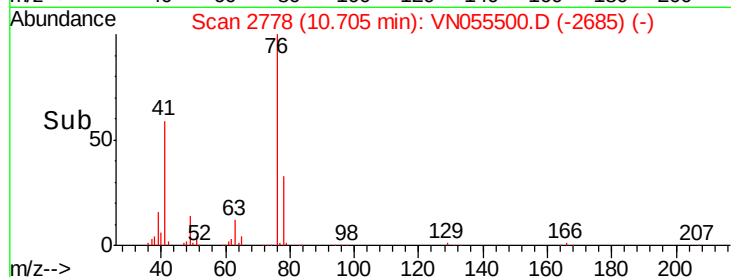
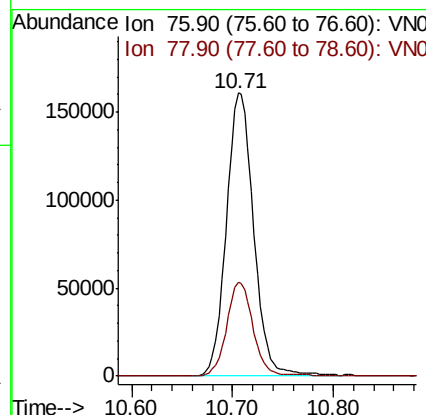
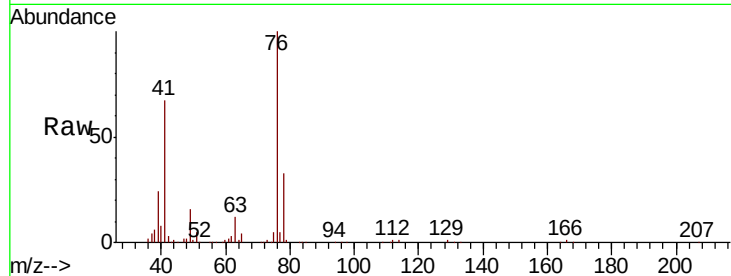




#57
 1,3-Dichloropropane
 Concen: 20.232 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

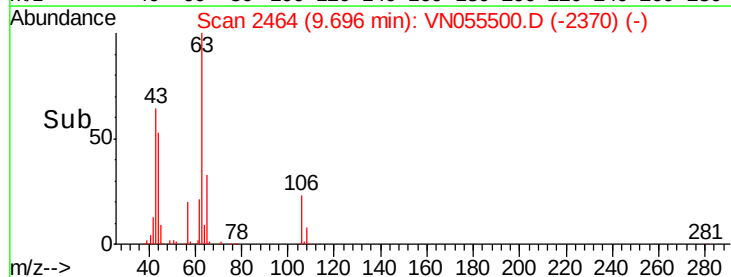
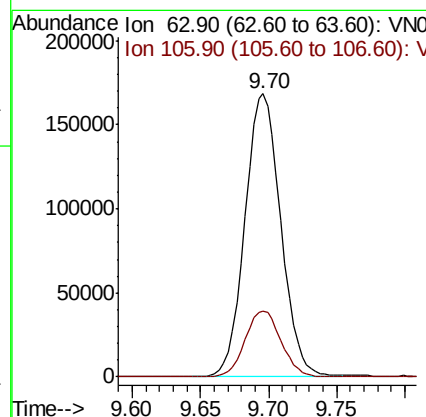
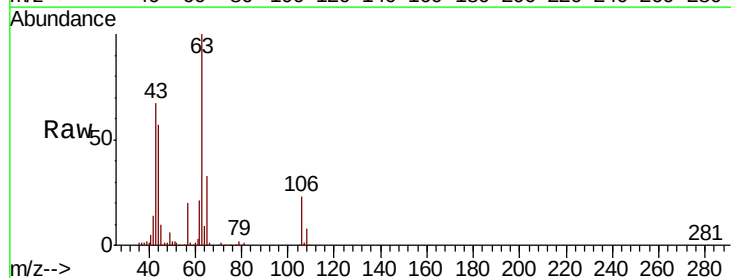
Instrument :
 MSVOA_N
 ClientSampled :

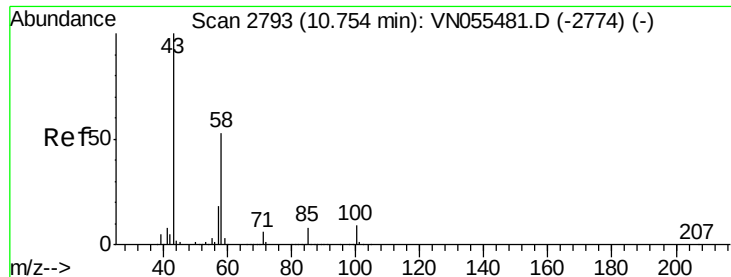
Tot Ion: 76 Resp: 304621
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.268 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Tgt Ion: 63 Resp: 307363
 Ion Ratio Lower Upper
 63 100
 106 23.5 18.6 27.8

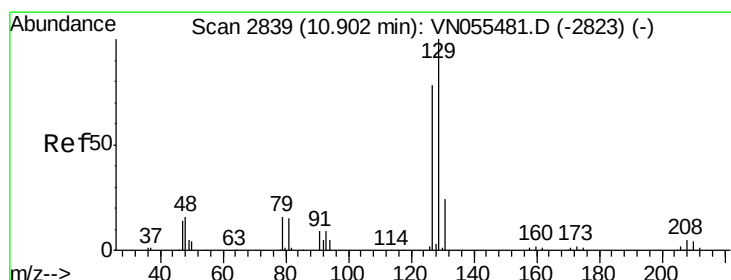
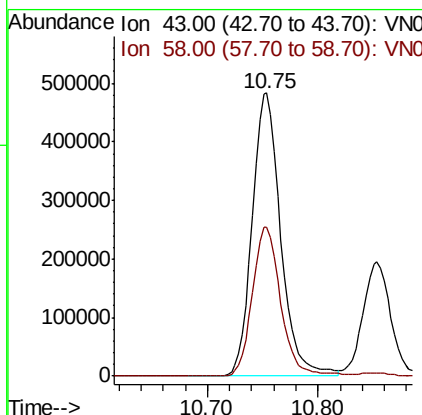
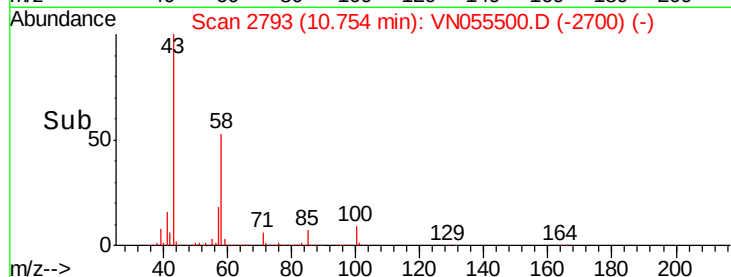
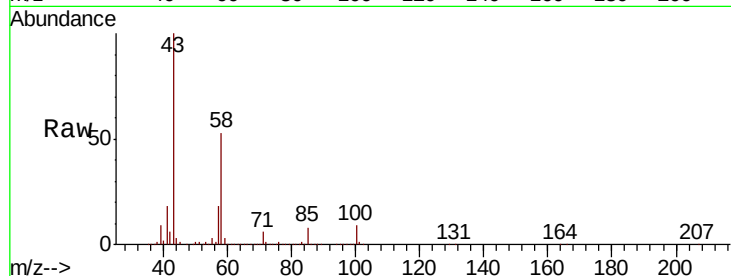




#59
2-Hexanone
Concen: 95.658 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

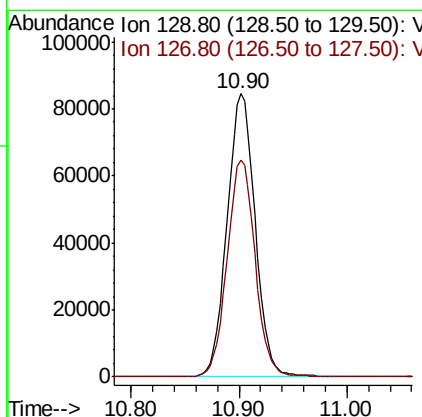
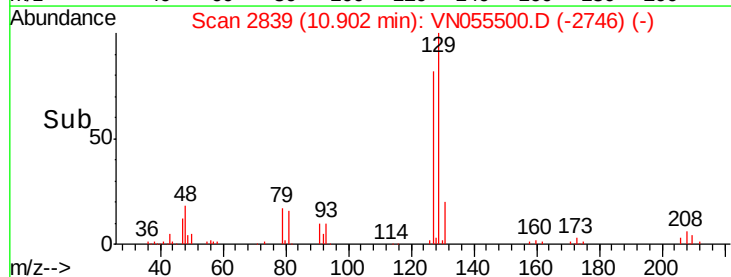
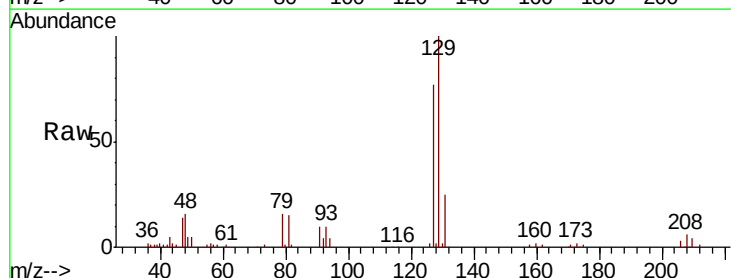
Instrument :
MSVOA_N
ClientSampled :

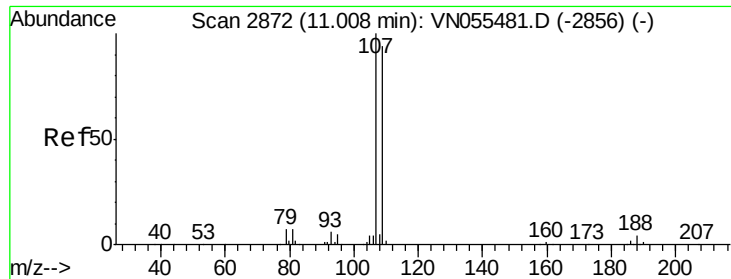
Tot Ion: 43 Resp: 862615
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.0



#60
Dibromochloromethane
Concen: 19.927 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion: 129 Resp: 153655
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0

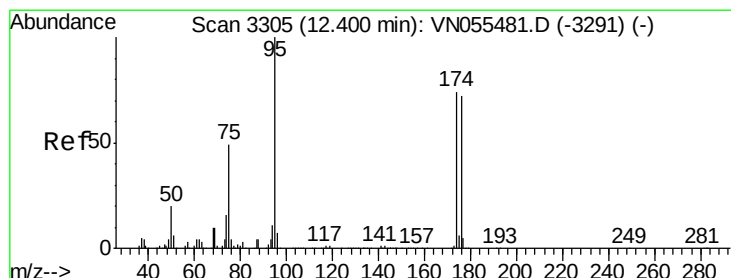
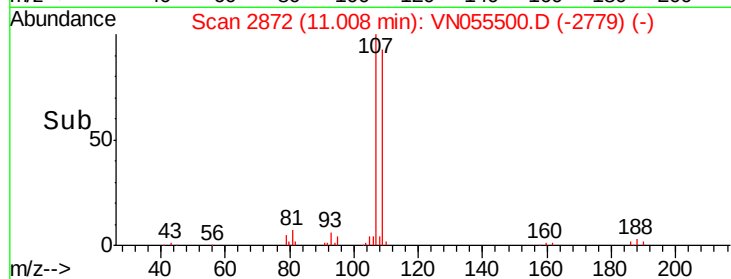
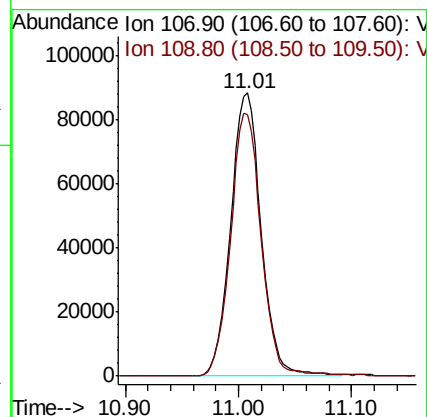
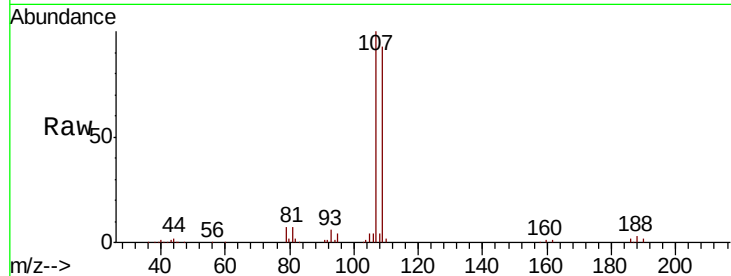




#61
 1,2-Dibromoethane
 Concen: 20.333 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

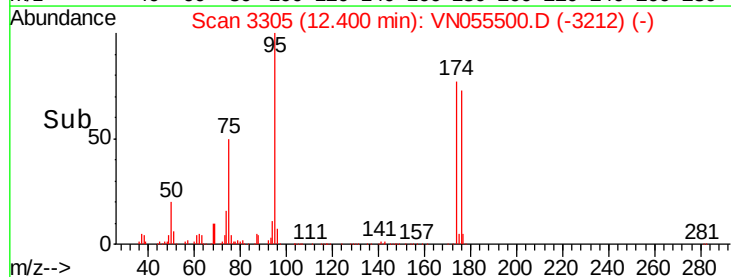
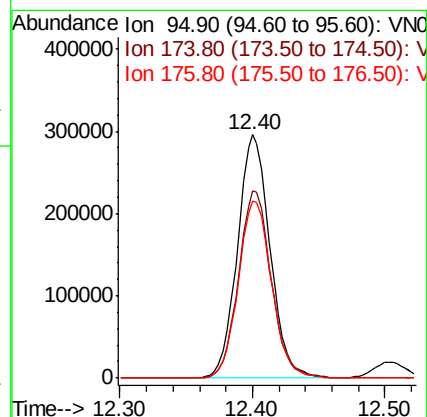
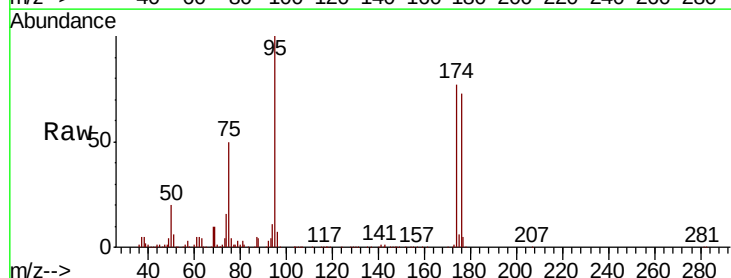
Instrument :
 MSVOA_N
 ClientSampleId :

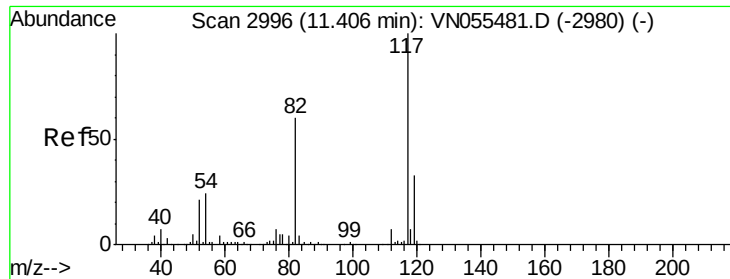
Tot Ion:107 Resp: 165683
 Ion Ratio Lower Upper
 107 100
 109 92.8 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 49.607 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Tgt Ion: 95 Resp: 503525
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 152.2
 176 74.6 0.0 147.8

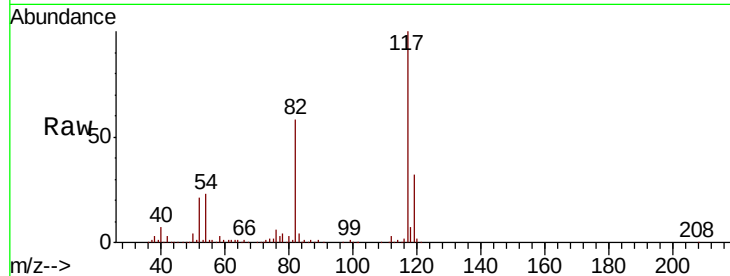




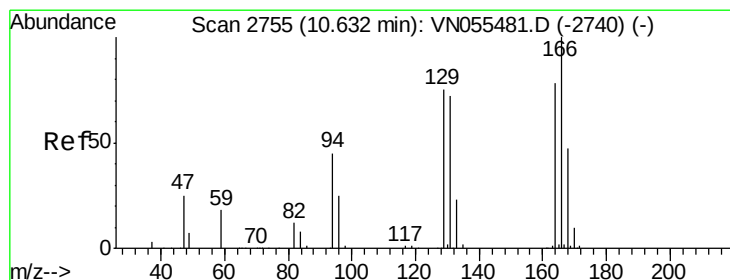
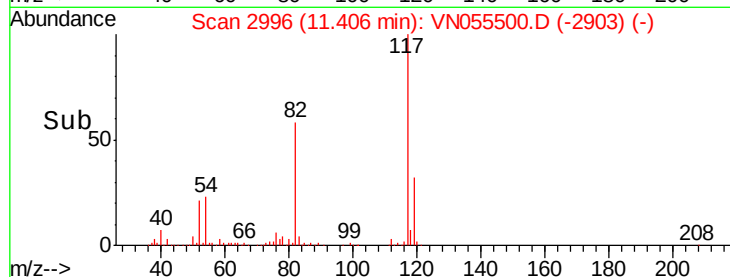
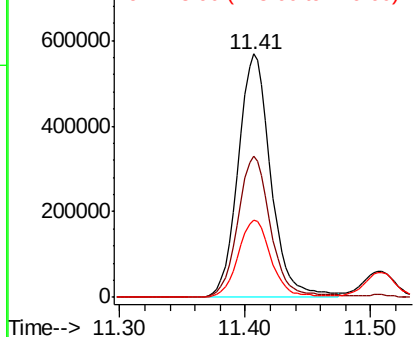
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1028513
Ion Ratio Lower Upper
117 100
82 57.9 48.0 72.0
119 31.8 26.0 39.0

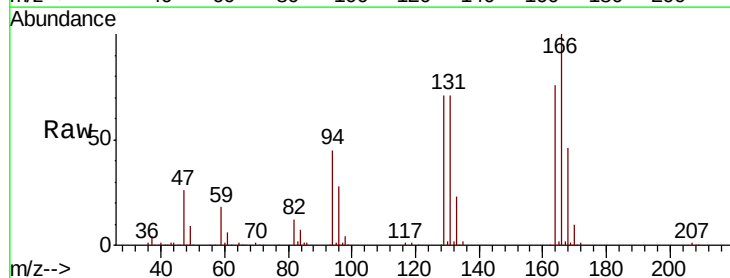


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

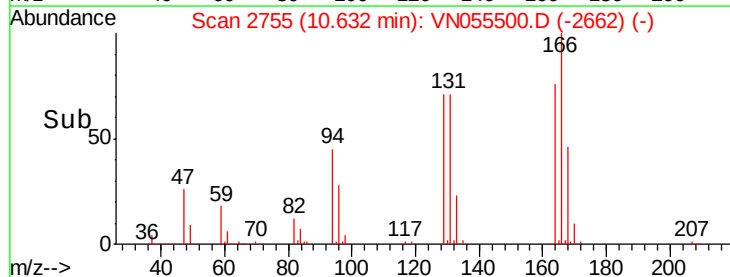
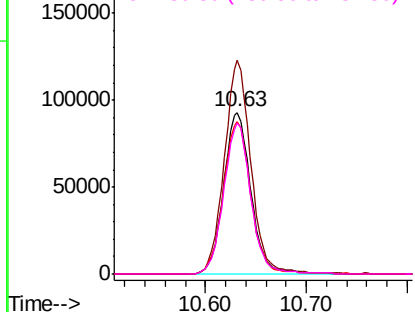


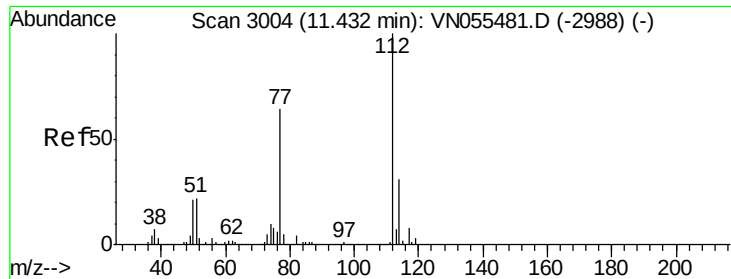
#64
Tetrachloroethene
Concen: 20.830 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion:164 Resp: 175547
Ion Ratio Lower Upper
164 100
166 132.2 102.6 153.8
129 94.5 77.0 115.6
131 93.4 73.7 110.5



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





#65

Chlorobenzene

Concen: 20.334 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

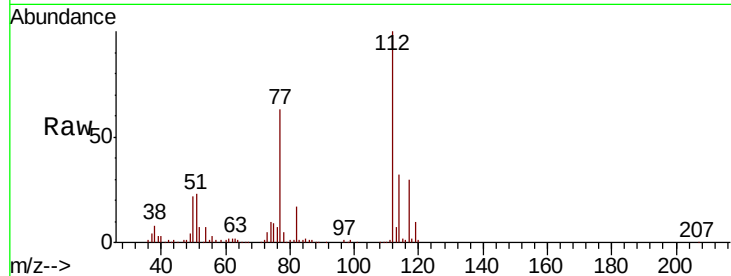
ClientSampled :

Tot Ion:112 Resp: 430267

Ion Ratio Lower Upper

112 100

114 32.3 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

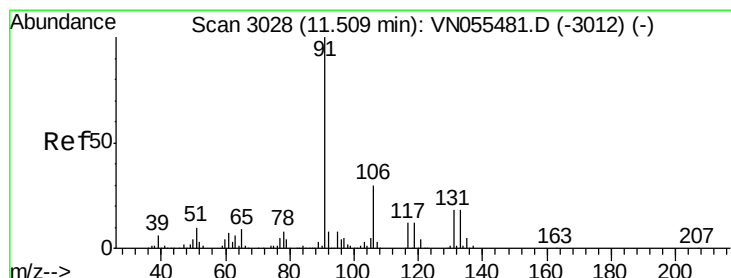
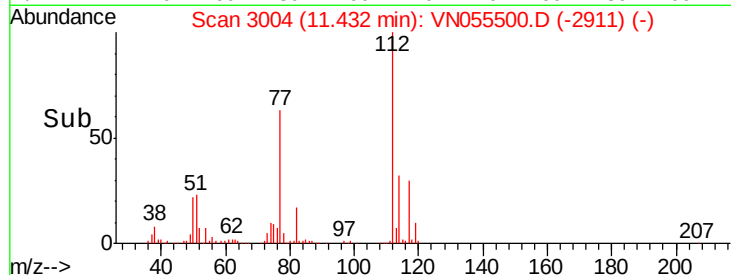
100000

50000

0

11.40 11.50 11.60

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.808 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

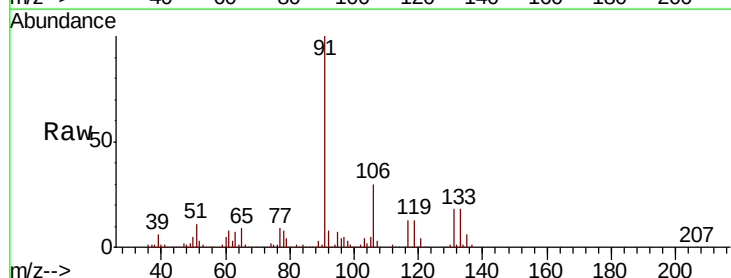
Tgt Ion:131 Resp: 151581

Ion Ratio Lower Upper

131 100

133 93.1 47.4 142.2

119 69.3 34.1 102.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

150000

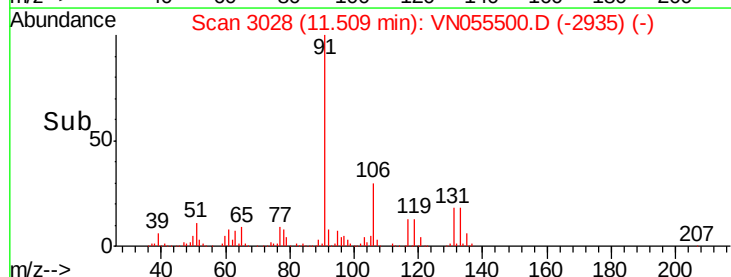
100000

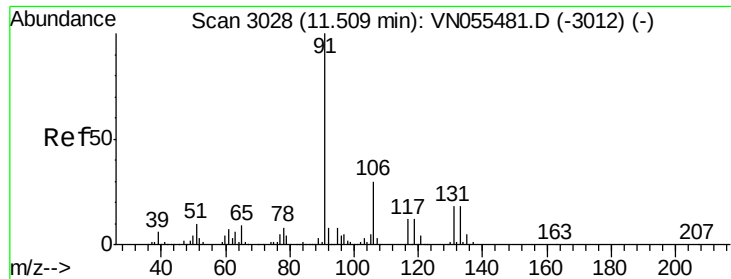
50000

0

11.50 11.60

Time-->





#67

Ethyl Benzene

Concen: 20.005 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

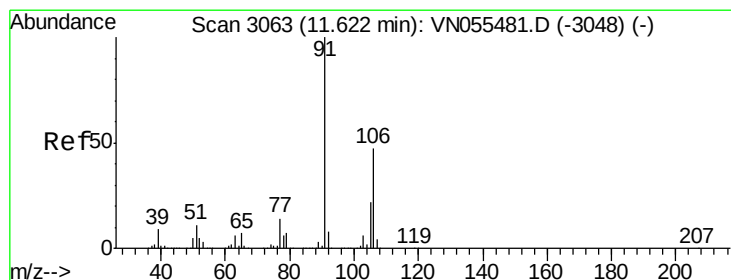
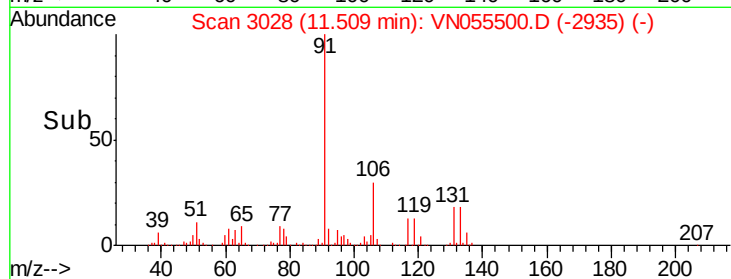
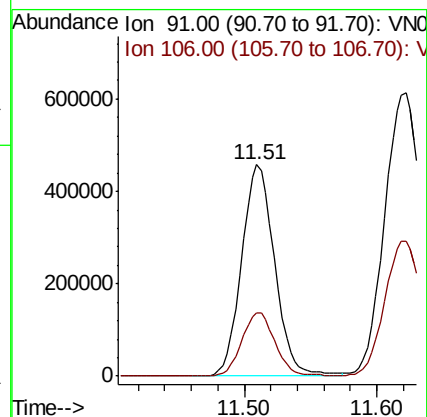
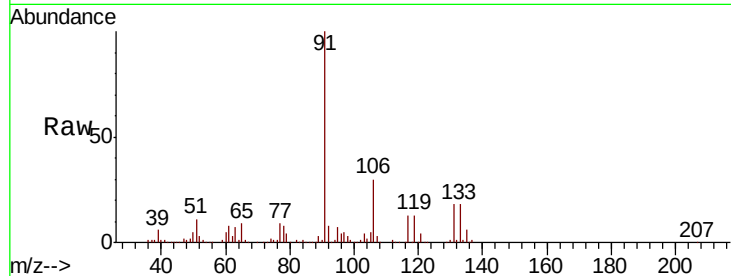
ClientSampled :

Tot Ion: 91 Resp: 795040

Ion Ratio Lower Upper

91 100

106 30.1 23.8 35.6



#68

m/p-Xylenes

Concen: 41.268 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN055500.D

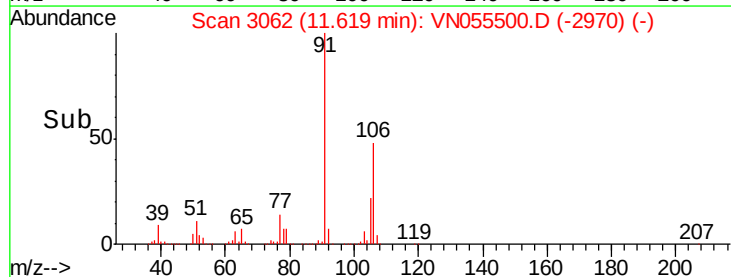
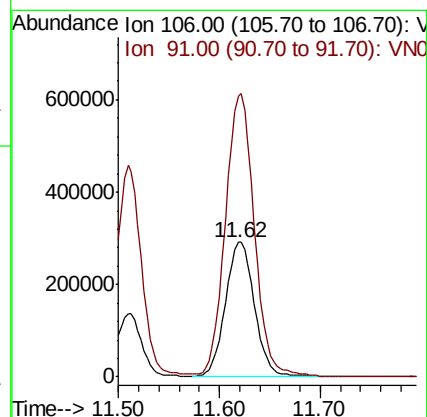
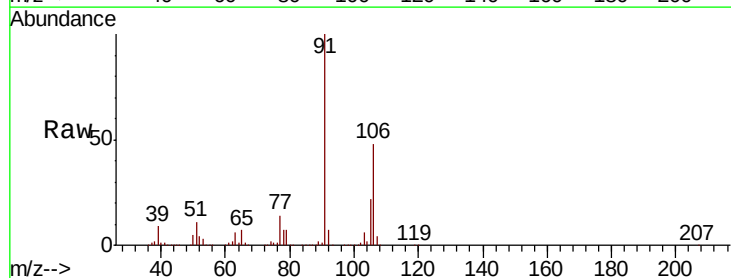
Acq: 9 May 2019 16:29

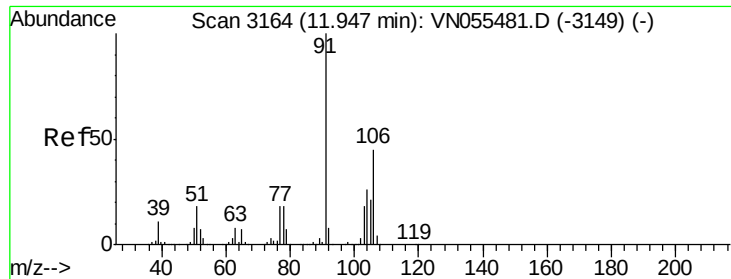
Tgt Ion: 106 Resp: 588571

Ion Ratio Lower Upper

106 100

91 209.9 169.2 253.8

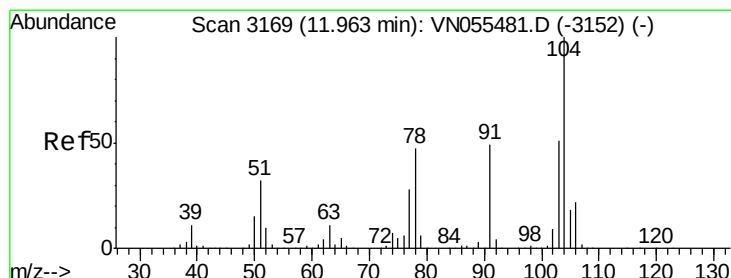
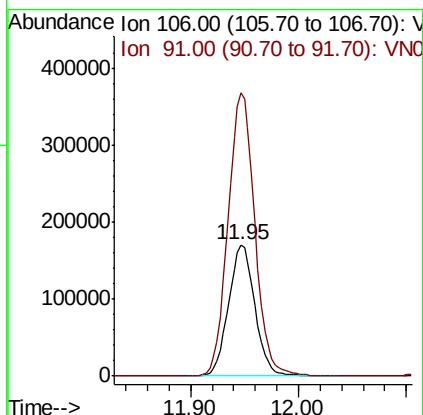
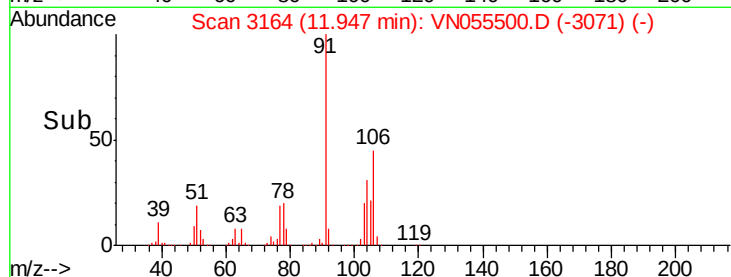
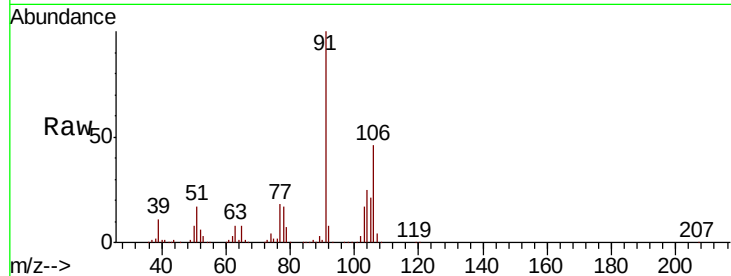




#69
o-Xylene
Concen: 20.740 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

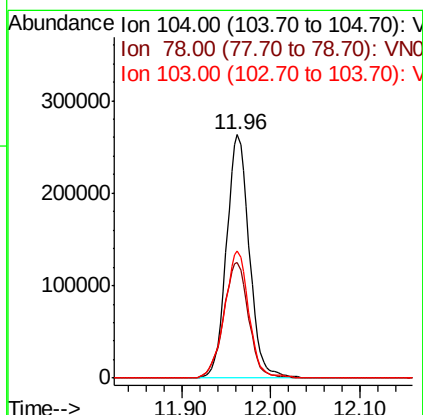
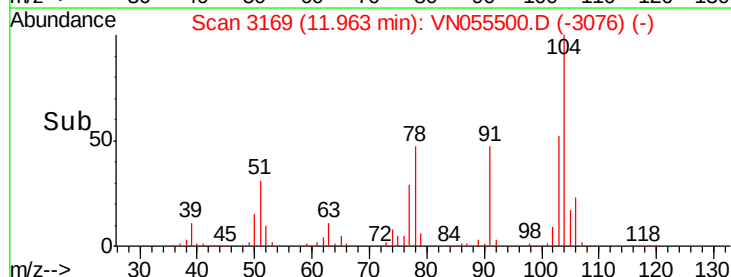
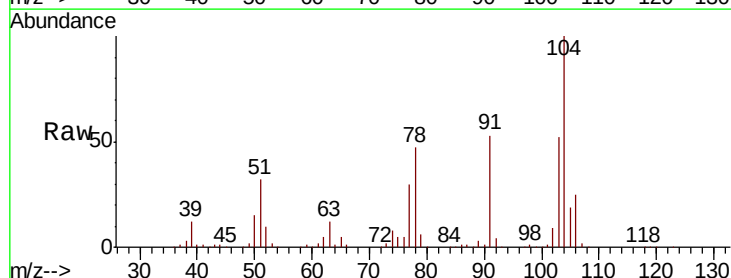
Instrument :
MSVOA_N
ClientSampled :

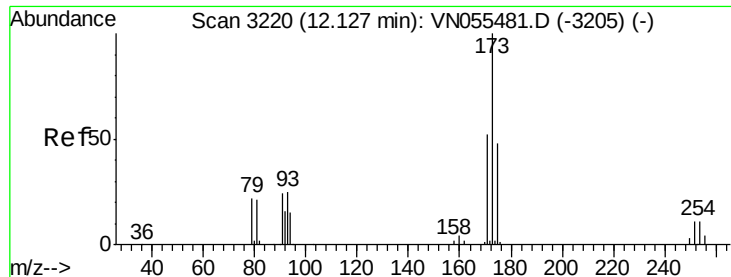
Tot Ion:106 Resp: 290731
Ion Ratio Lower Upper
106 100
91 219.0 111.3 333.8



#70
Styrene
Concen: 20.746 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion:104 Resp: 465918
Ion Ratio Lower Upper
104 100
78 52.3 41.6 62.4
103 55.8 44.4 66.6





#71

Bromoform

Concen: 19.785 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

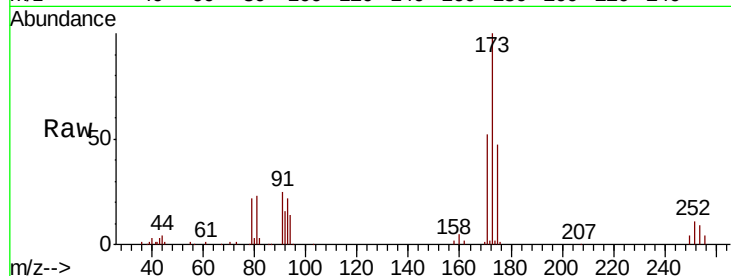
Tot Ion:173 Resp: 97261

Ion Ratio Lower Upper

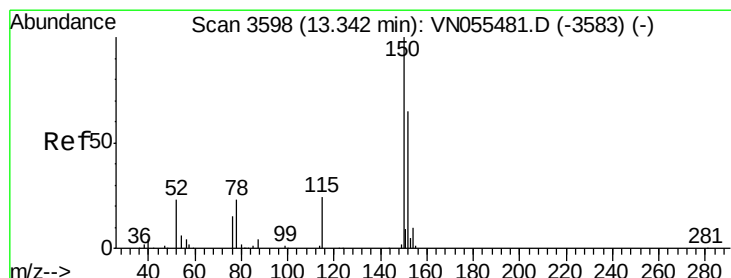
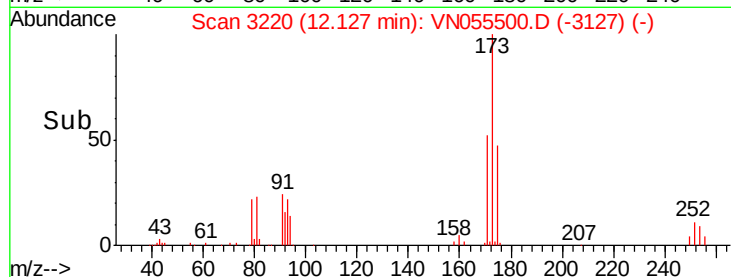
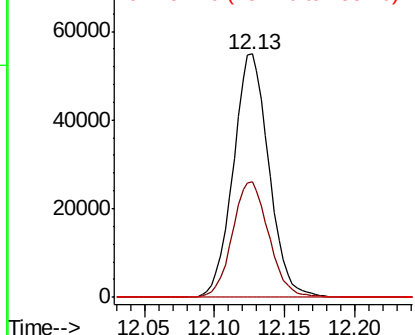
173 100

175 48.4 24.1 72.4

254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

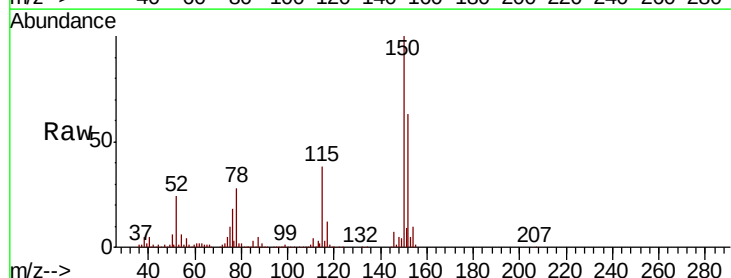
Tgt Ion:152 Resp: 402702

Ion Ratio Lower Upper

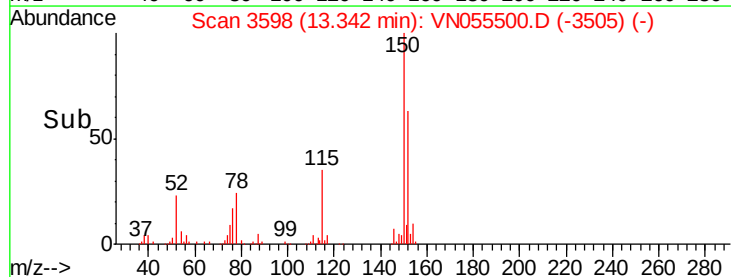
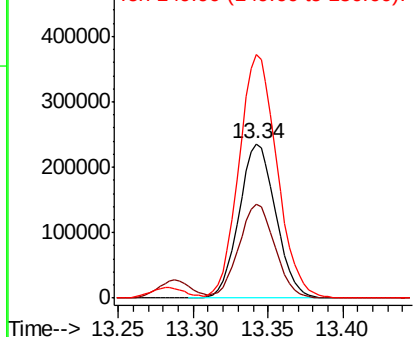
152 100

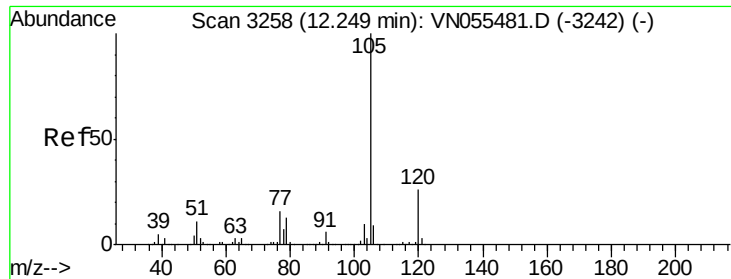
115 60.0 30.1 90.5

150 163.9 0.0 355.0



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





#73

Isopropylbenzene

Concen: 21.524 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

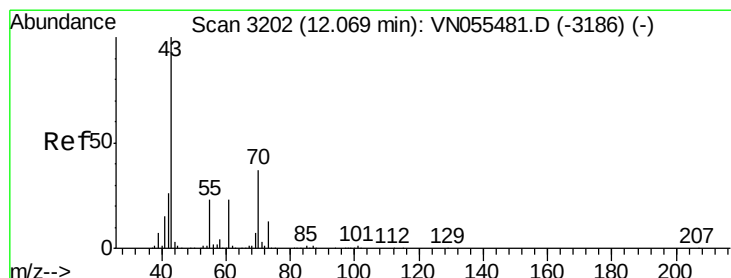
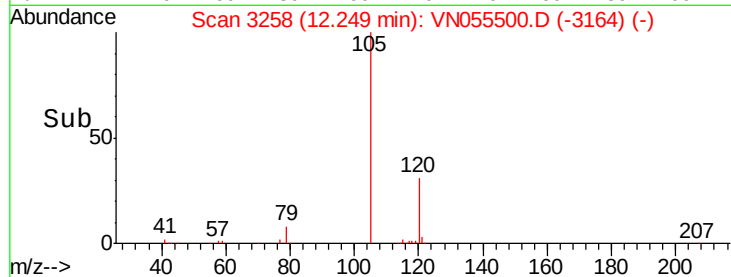
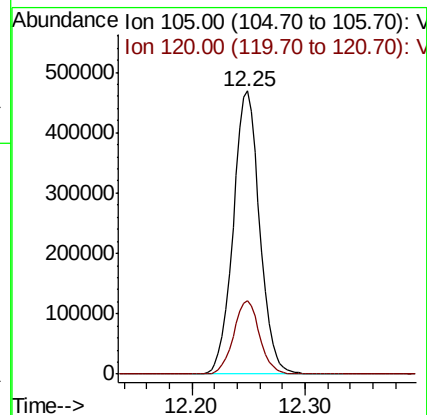
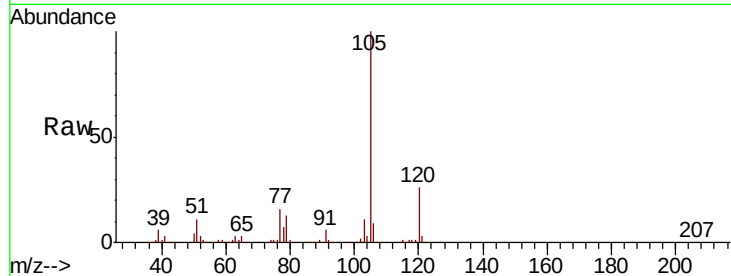
ClientSampled :

Tot Ion:105 Resp: 762074

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#74

N-ethyl acetate

Concen: 18.799 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Tgt Ion: 43 Resp: 287420

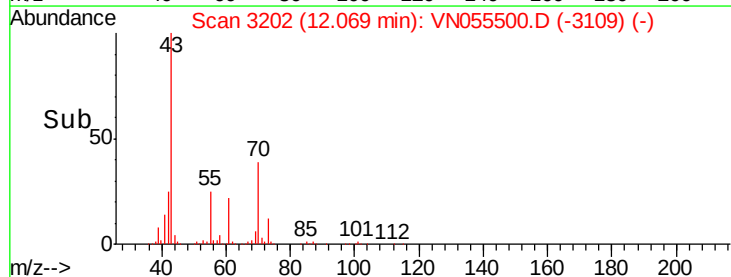
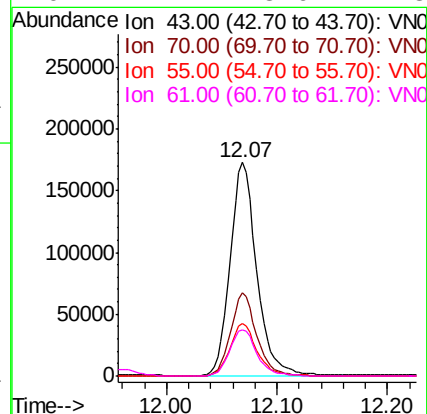
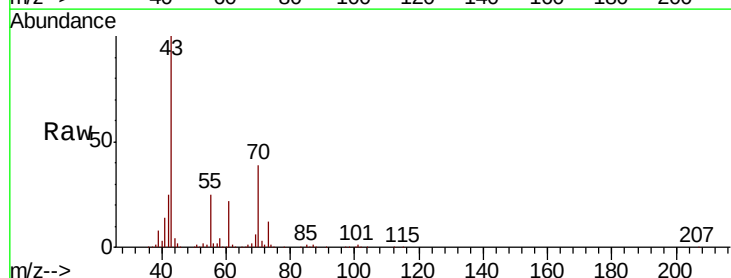
Ion Ratio Lower Upper

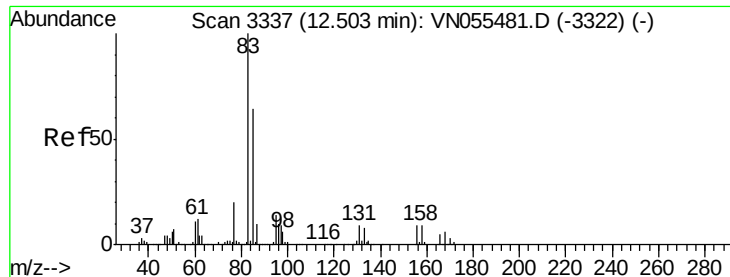
43 100

70 38.4 30.7 46.1

55 25.1 19.3 28.9

61 22.7 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.813 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

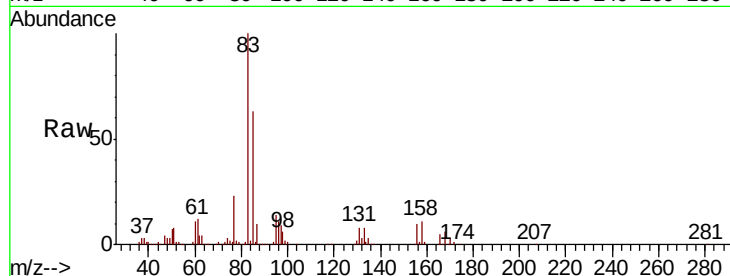
Tot Ion: 83 Resp: 240114

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.5

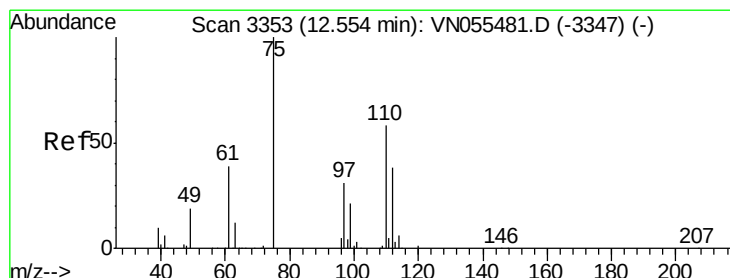
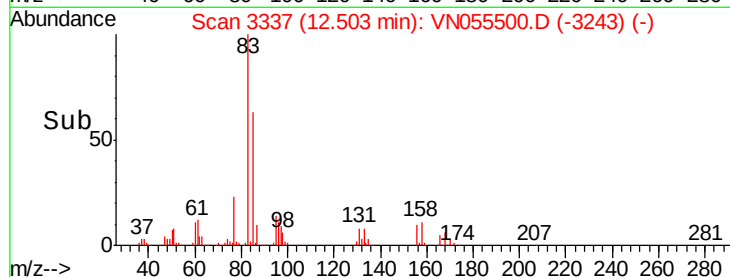
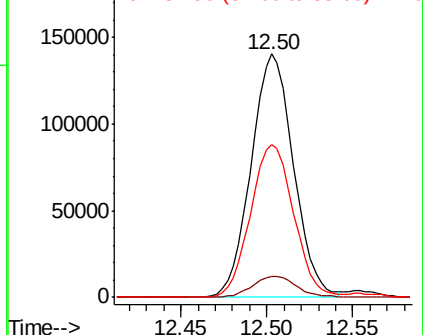
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN055481.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055481.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055481.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 25.444 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055500.D

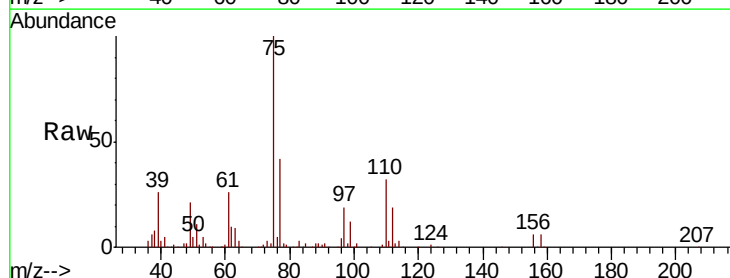
Acq: 9 May 2019 16:29

Tgt Ion: 75 Resp: 278939

Ion Ratio Lower Upper

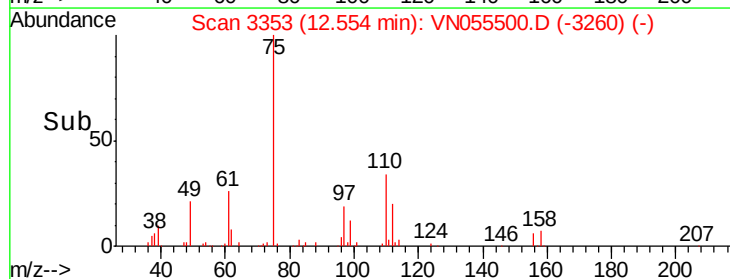
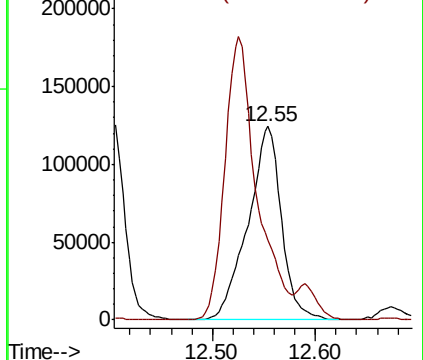
75 100

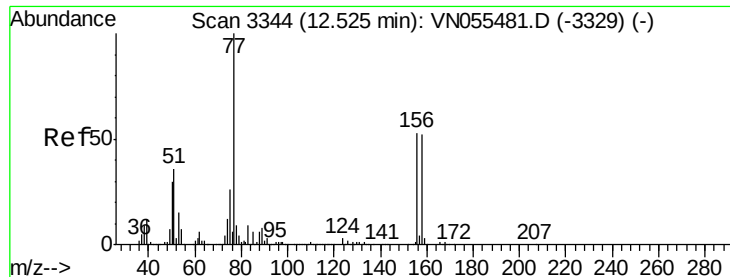
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055481.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN055481.D (-3347) (-)





#77

Bromobenzene

Concen: 19.578 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

ClientSampled :

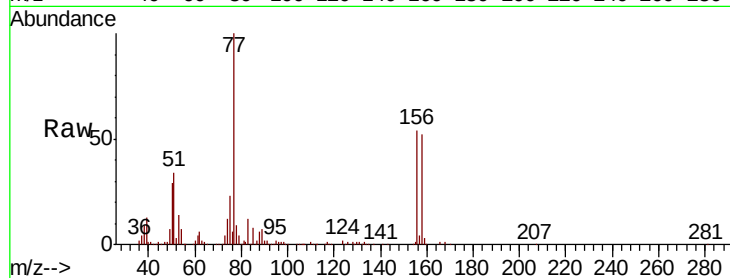
Tot Ion:156 Resp: 173748

Ion Ratio Lower Upper

156 100

77 226.7 115.4 346.2

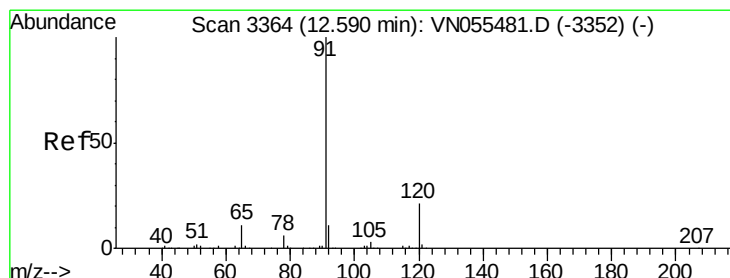
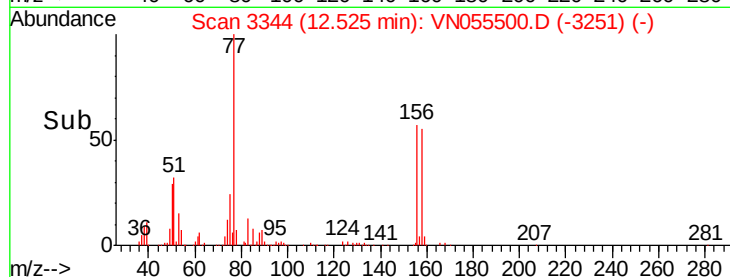
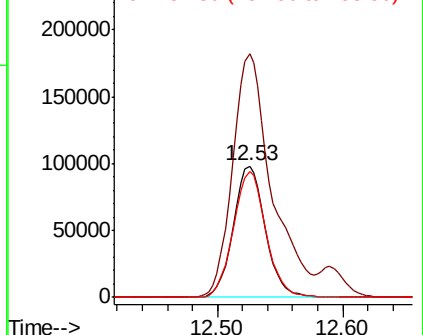
158 97.9 48.7 146.1



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: 19.448 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055500.D

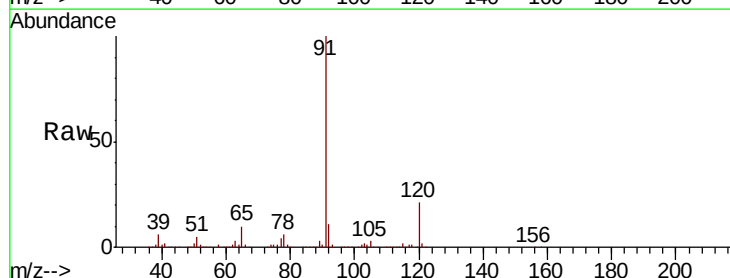
Acq: 9 May 2019 16:29

Tgt Ion: 91 Resp: 840005

Ion Ratio Lower Upper

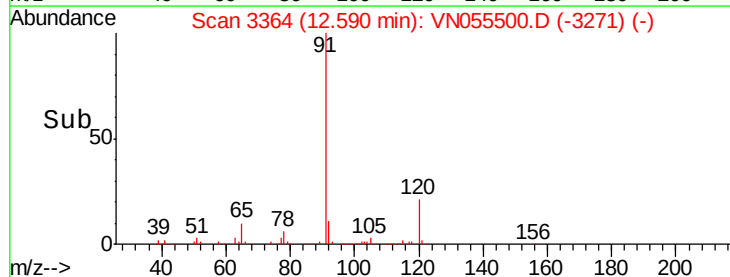
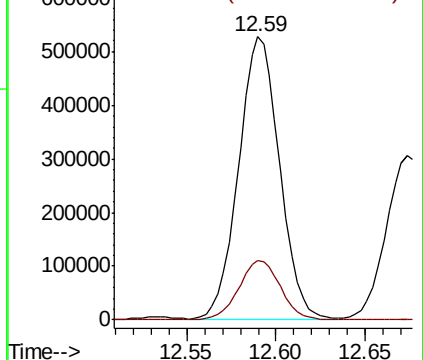
91 100

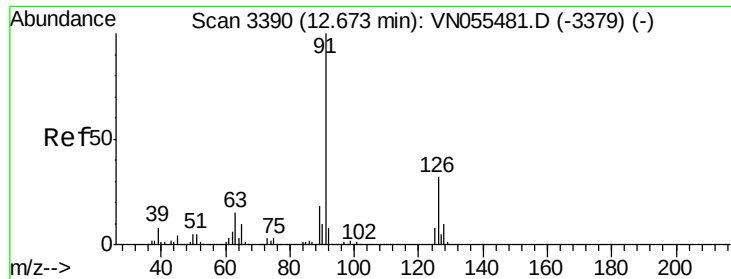
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.344 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

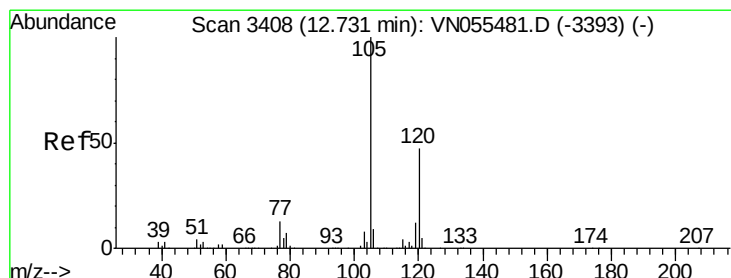
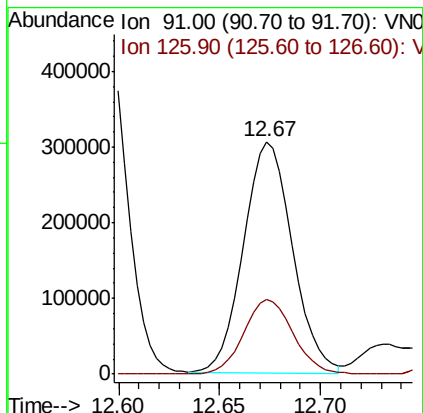
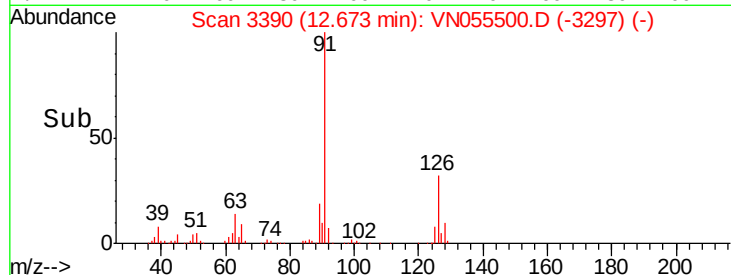
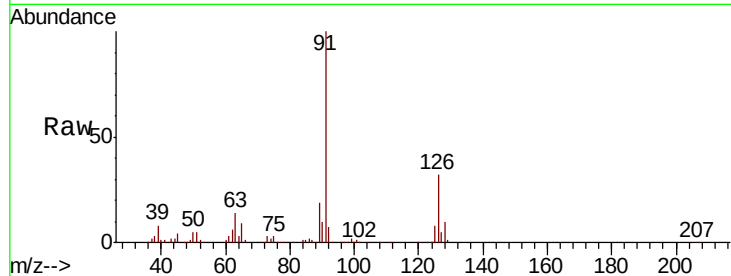
ClientSampled :

Tot Ion: 91 Resp: 520707

Ion Ratio Lower Upper

91 100

126 32.6 16.0 47.9



#80

1,3,5-Trimethylbenzene

Concen: 19.794 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055500.D

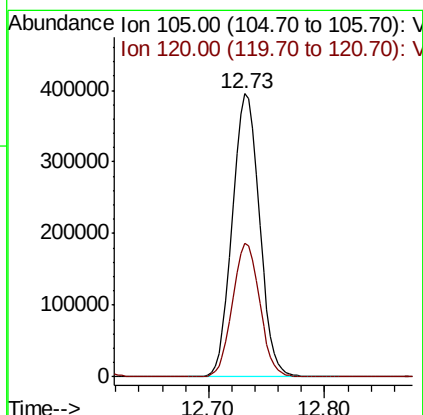
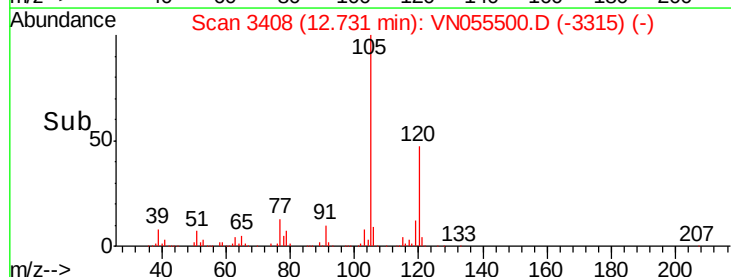
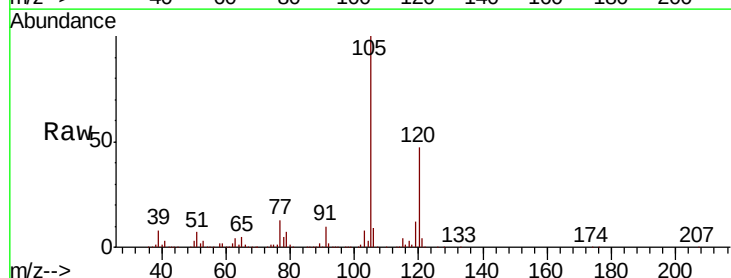
Acq: 9 May 2019 16:29

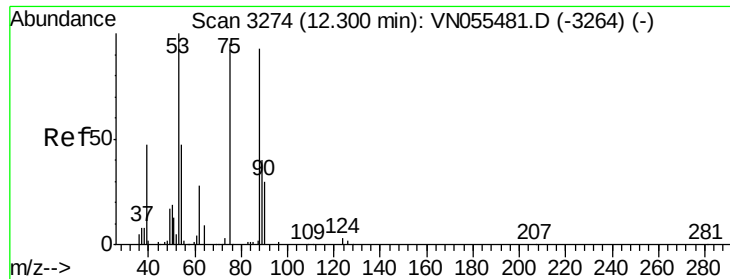
Tgt Ion:105 Resp: 637482

Ion Ratio Lower Upper

105 100

120 47.1 23.4 70.0

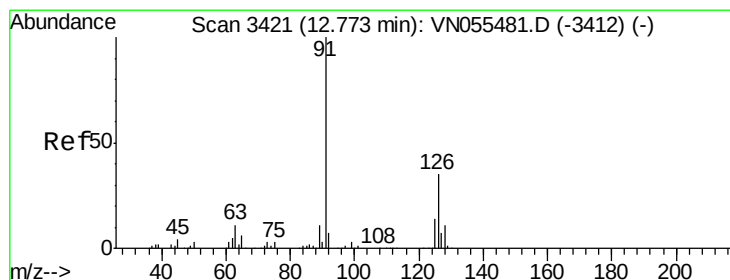
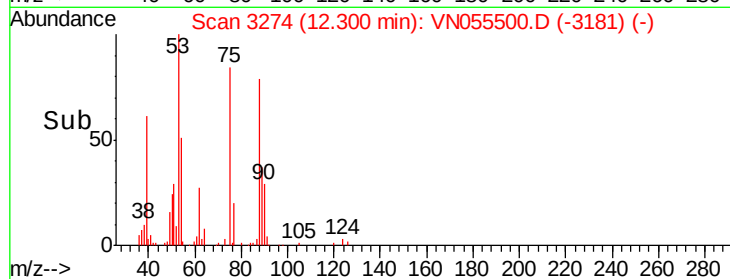
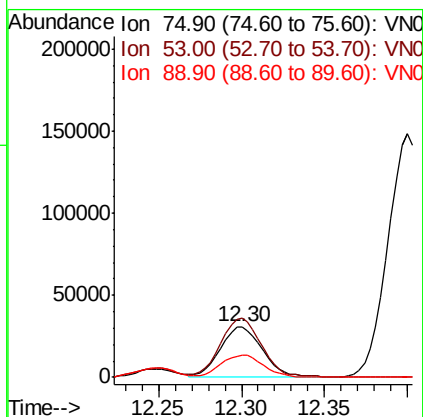
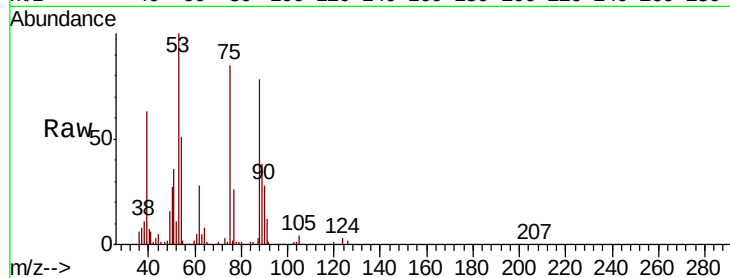




#81
trans-1,4-Dichloro-2-butene
Concen: 17.858 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

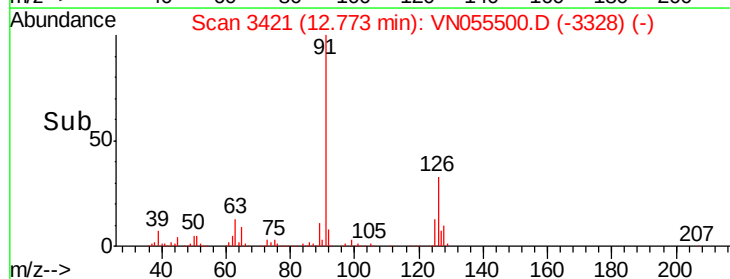
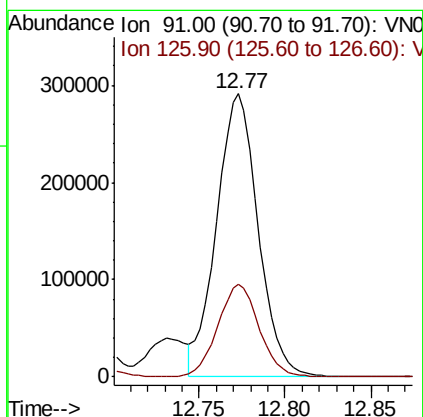
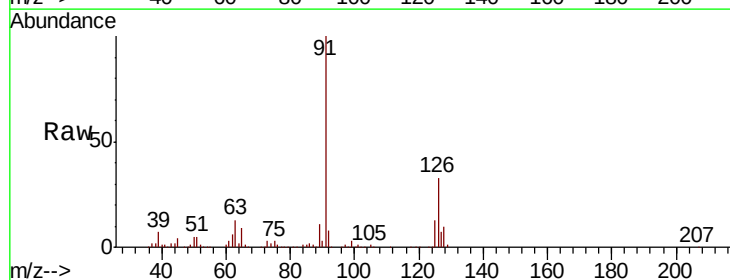
Instrument :
MSVOA_N
ClientSampled :

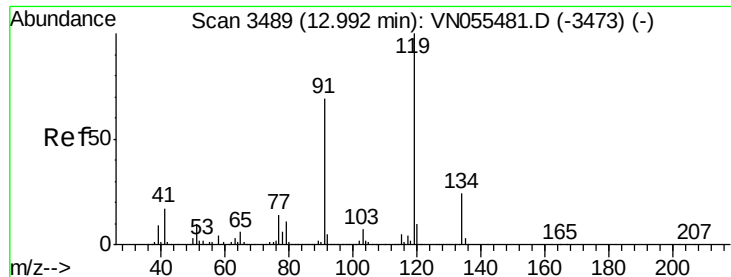
Tot Ion: 75 Resp: 53058
Ion Ratio Lower Upper
75 100
53 118.2 86.5 129.7
89 46.5 35.7 53.5



#82
4-Chlorotoluene
Concen: 19.276 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion: 91 Resp: 490272
Ion Ratio Lower Upper
91 100
126 32.6 15.7 47.0

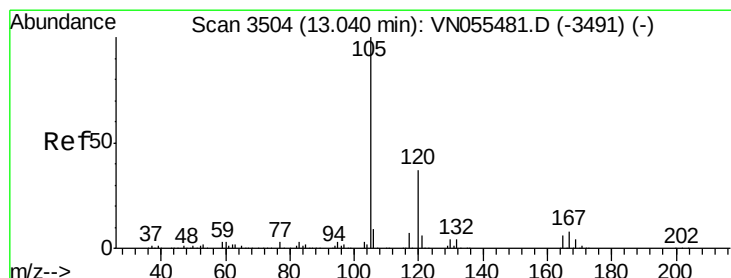
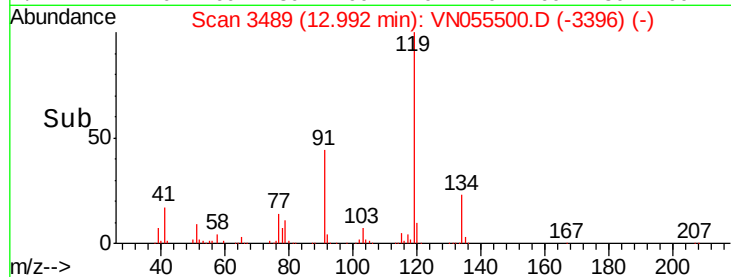
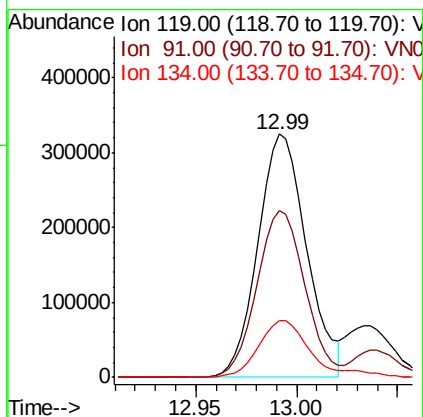
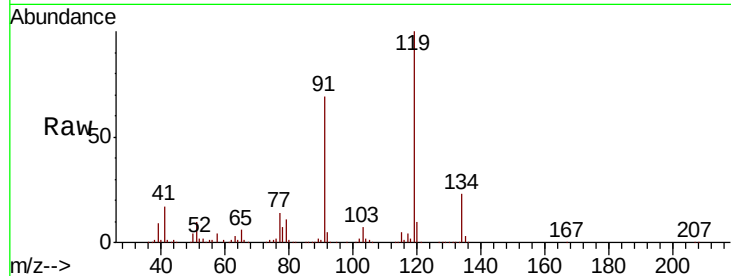




#83
tert-Butylbenzene
Concen: 19.814 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

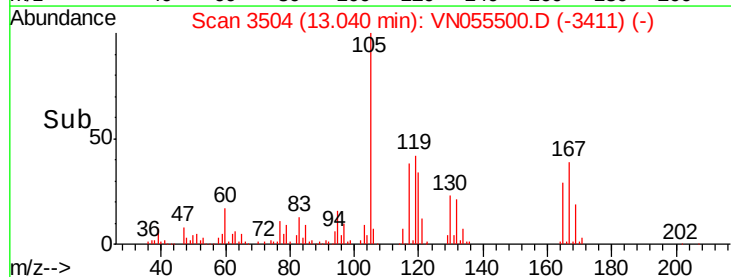
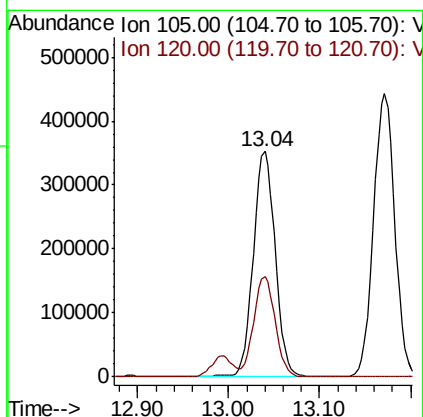
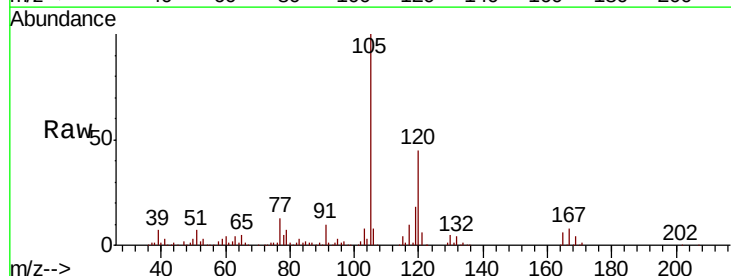
Instrument :
MSVOA_N
ClientSampled :

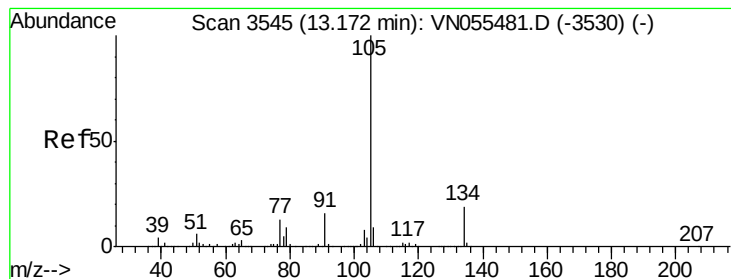
Tot Ion:119 Resp: 546979
Ion Ratio Lower Upper
119 100
91 67.9 33.8 101.3
134 25.0 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 20.042 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN055500.D
Acq: 9 May 2019 16:29

Tgt Ion:105 Resp: 591977
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.556 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

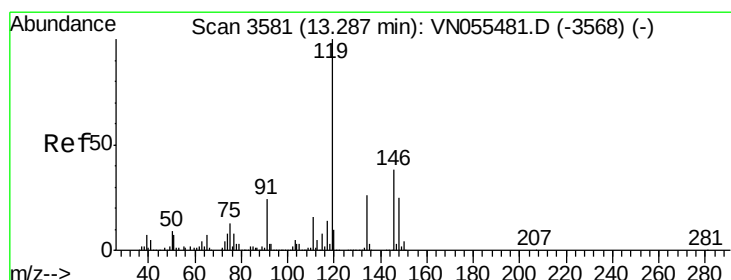
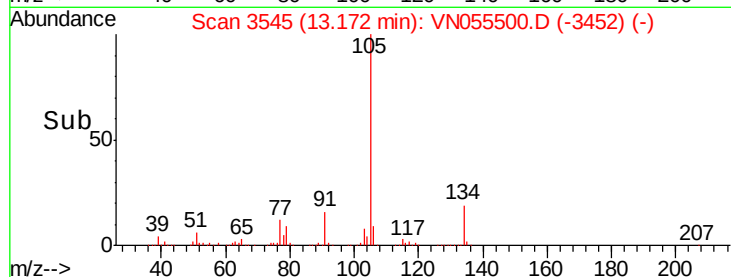
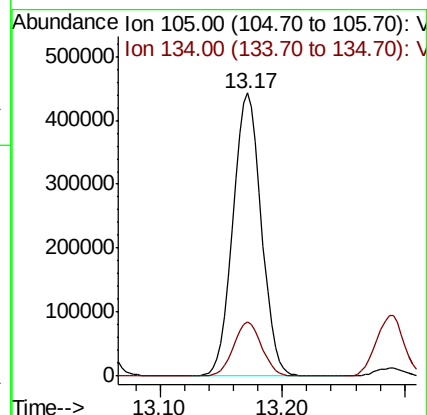
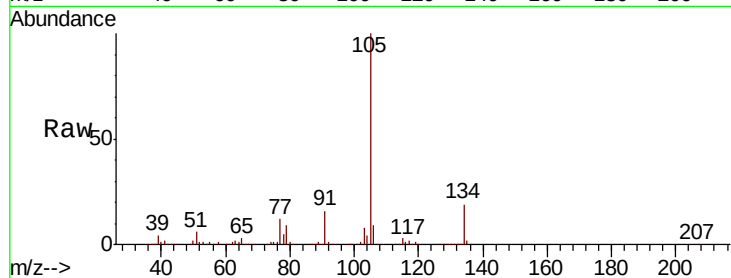
ClientSampled :

Tot Ion:105 Resp: 717475

Ion Ratio Lower Upper

105 100

134 19.0 9.3 28.0



#86

p-Isopropyltoluene

Concen: 19.490 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

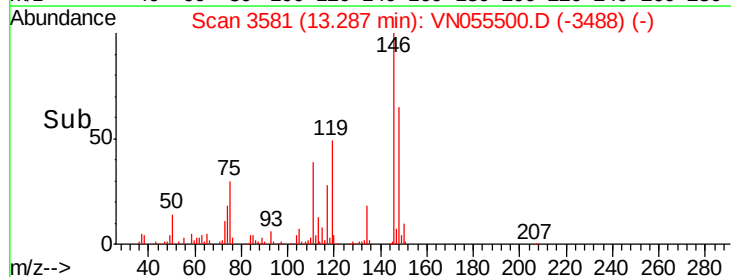
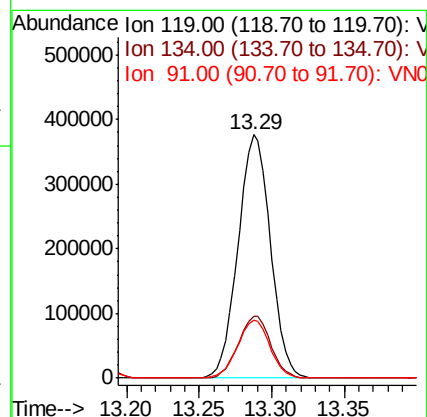
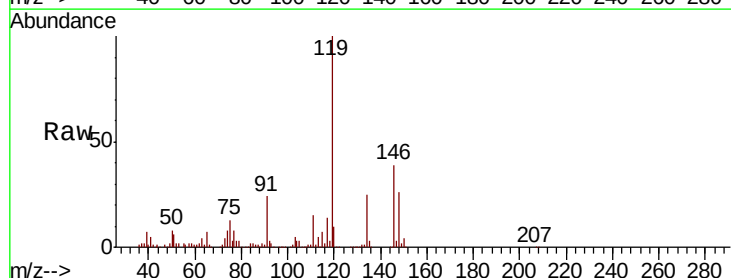
Tgt Ion:119 Resp: 581939

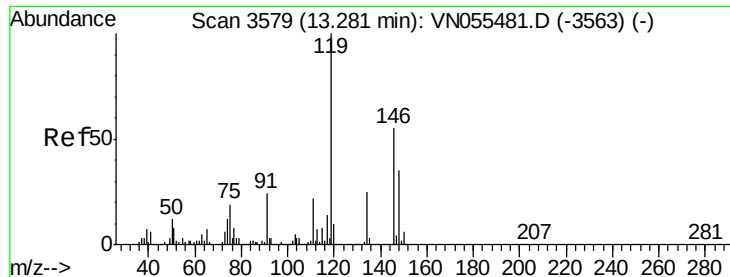
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 23.7 12.0 36.0

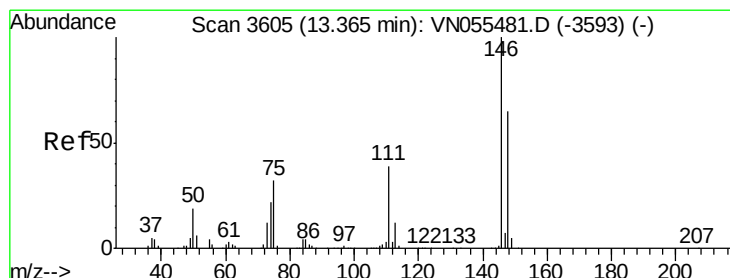
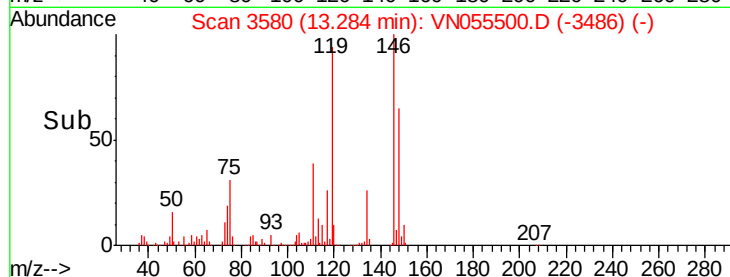
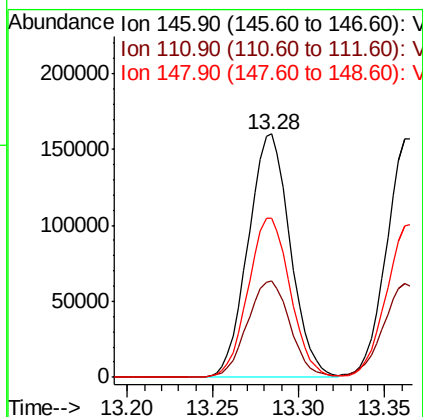
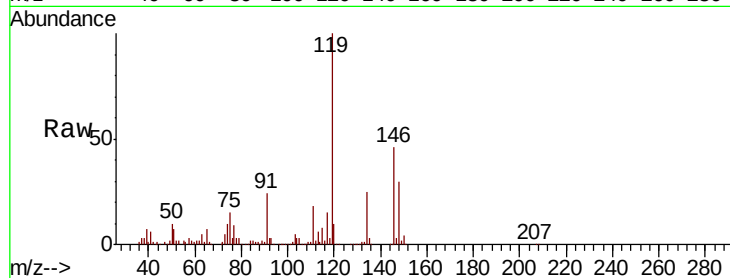




#87
 1,3-Dichlorobenzene
 Concen: 19.835 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

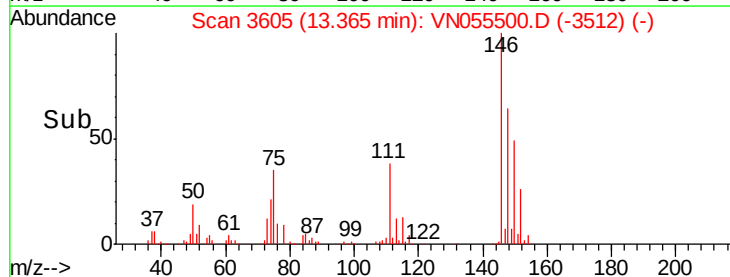
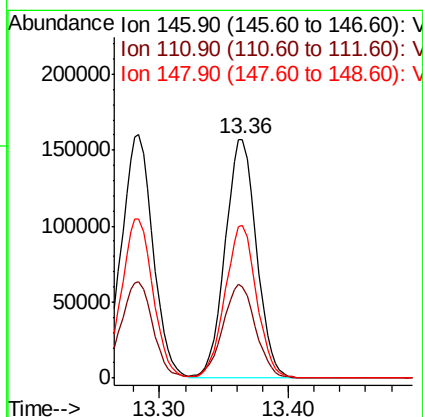
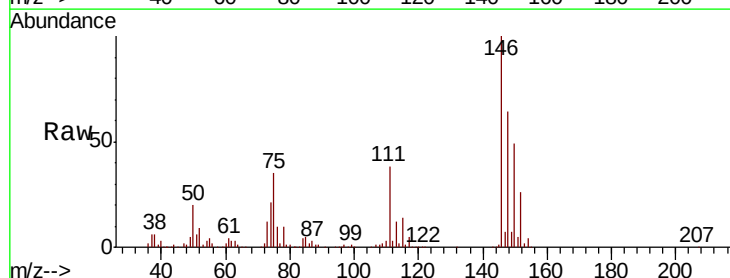
Instrument :
 MSVOA_N
 ClientSampleId :

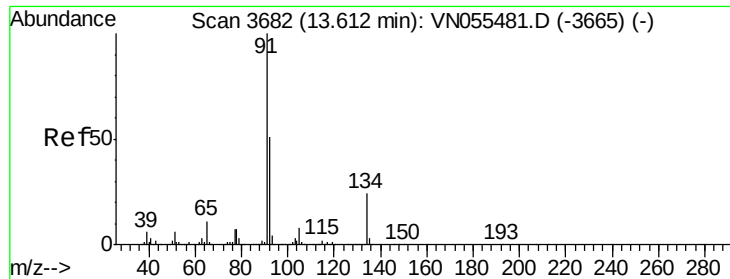
Tot Ion:146 Resp: 272001
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.4 61.3
 148 65.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.608 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Tgt Ion:146 Resp: 265367
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.6 58.8
 148 64.1 32.5 97.4





#89

n-Butylbenzene

Concen: 18.516 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

ClientSampleId :

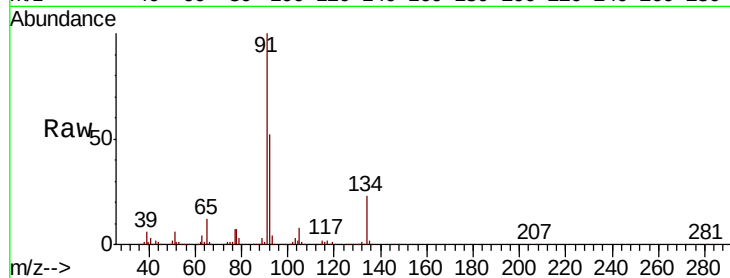
Tot Ion: 91 Resp: 428533

Ion Ratio Lower Upper

91 100

92 51.5 25.9 77.7

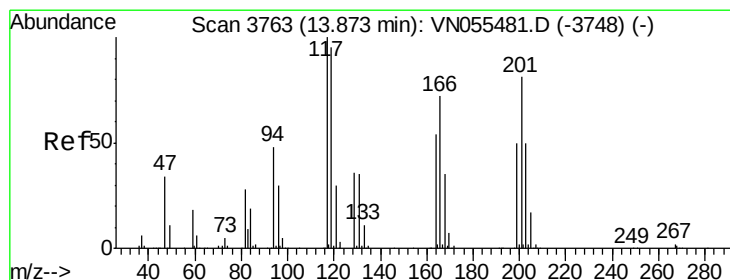
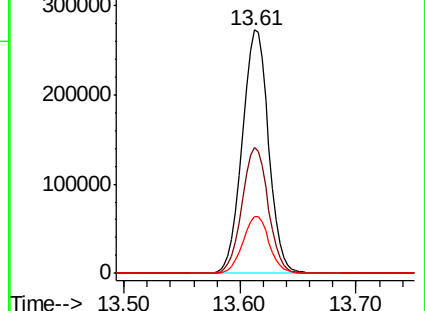
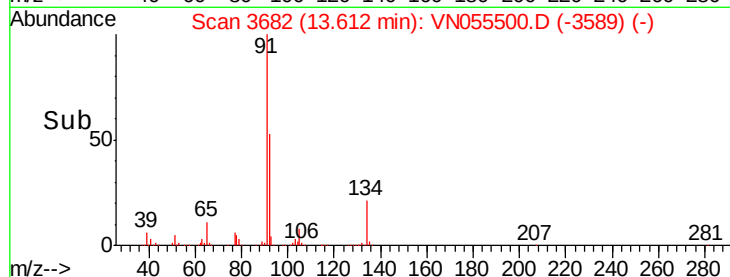
134 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN055481.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN055481.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN055481.D (-3665) (-)



#90

Hexachloroethane

Concen: 18.659 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055500.D

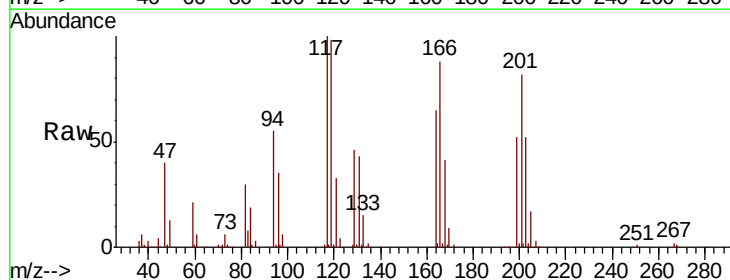
Acq: 9 May 2019 16:29

Tgt Ion: 117 Resp: 90883

Ion Ratio Lower Upper

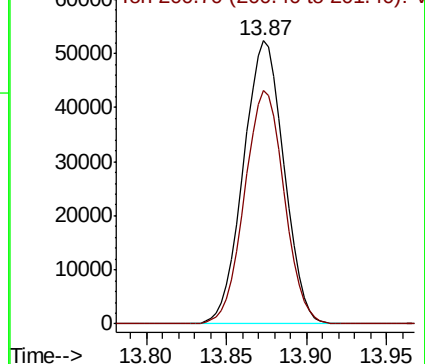
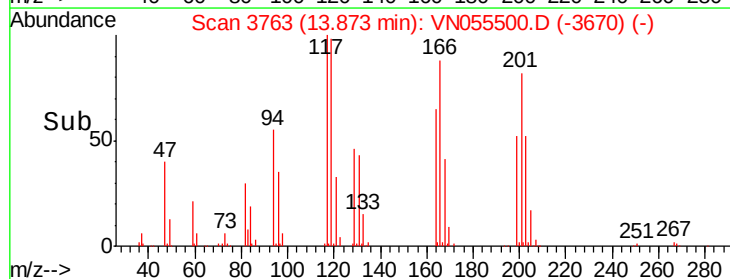
117 100

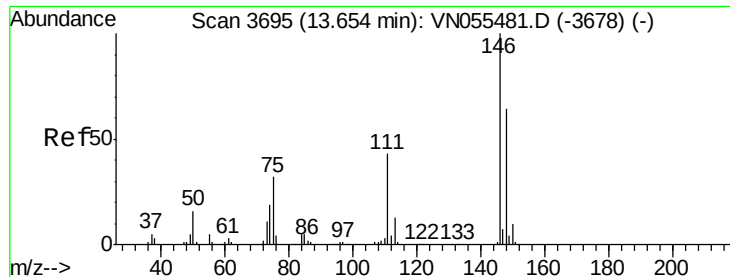
201 80.7 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): VN055481.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN055481.D (-3748) (-)

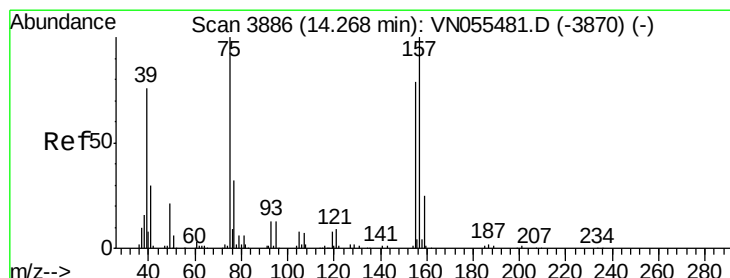
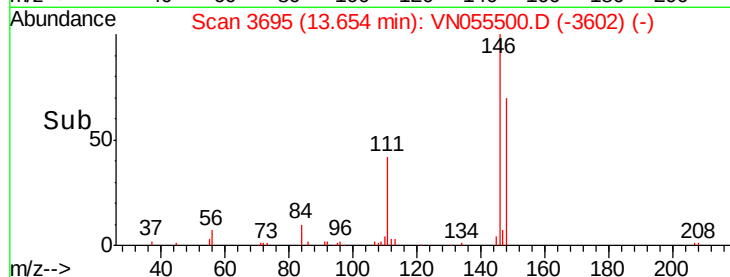
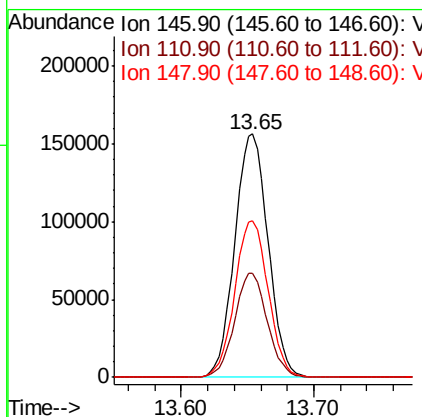
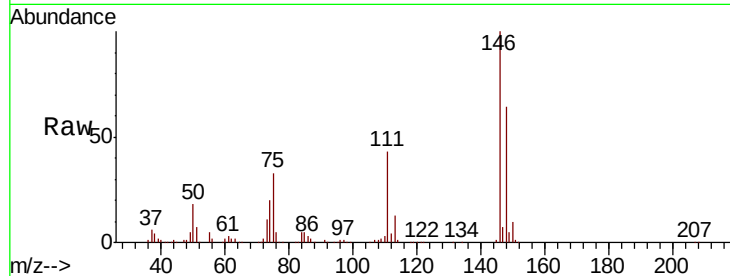




#91
 1,2-Dichlorobenzene
 Concen: 19.896 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

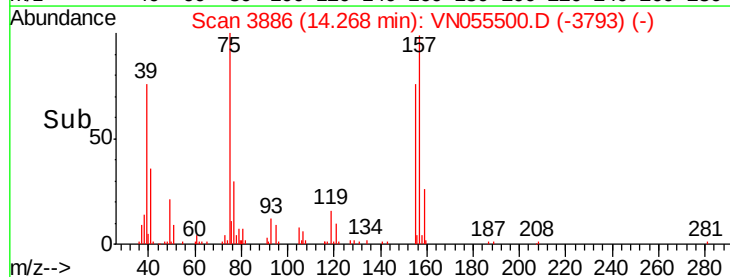
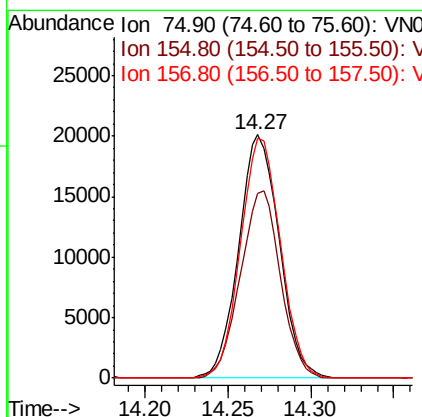
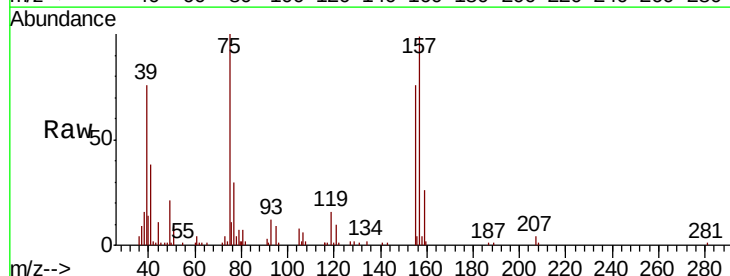
Instrument :
 MSVOA_N
 ClientSampleId :

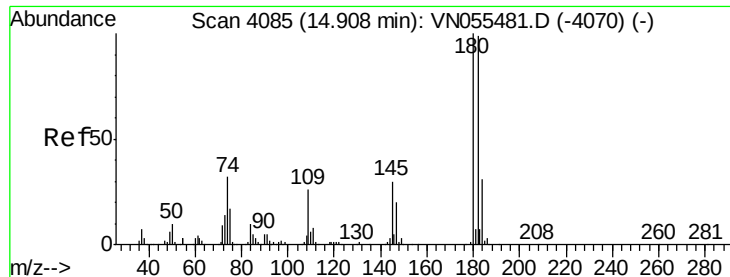
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	63.7
148	64.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.440 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.0	39.3	117.8
157	97.3	50.6	151.8

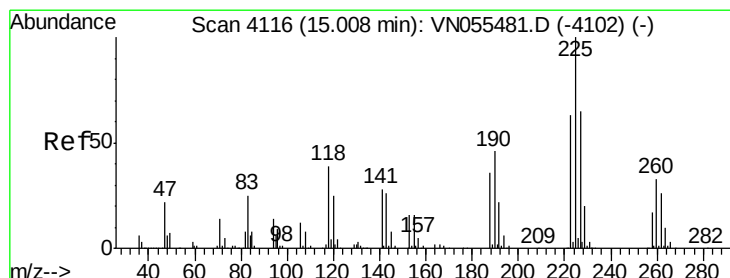
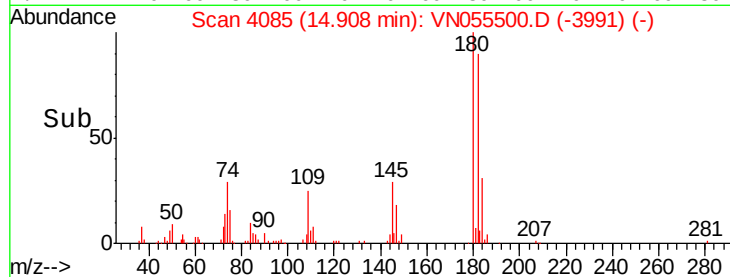
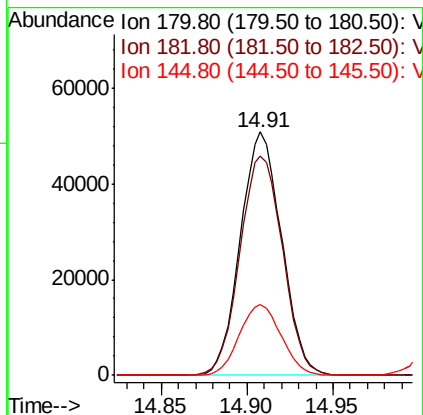
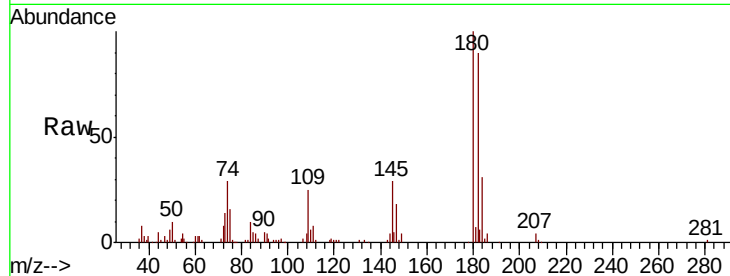




#93
 1,2,4-Trichlorobenzene
 Concen: 16.470 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

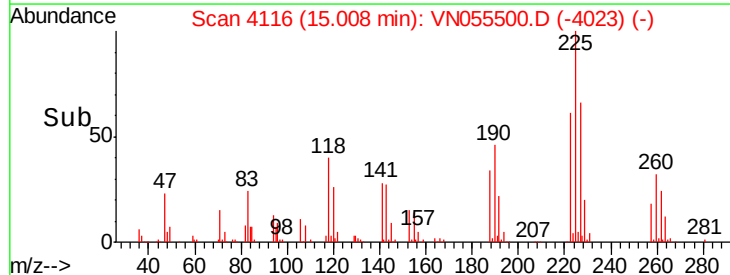
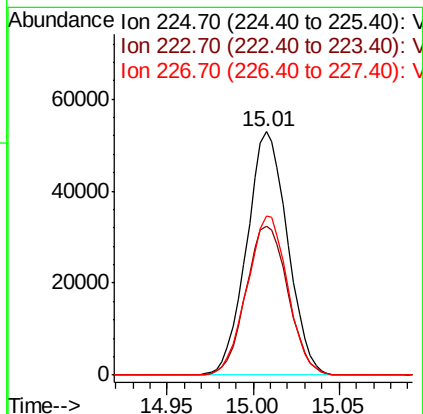
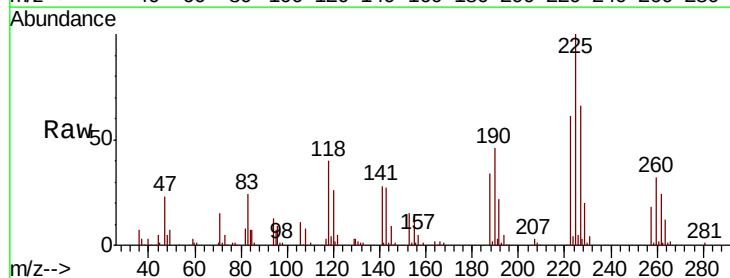
Instrument :
 MSVOA_N
 ClientSampleId :

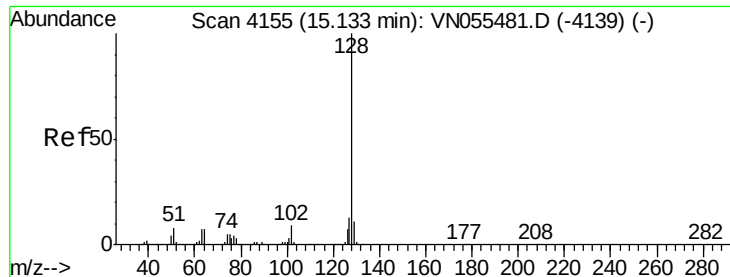
Tot Ion:180 Resp: 84583
 Ion Ratio Lower Upper
 180 100
 182 93.4 48.7 146.1
 145 29.4 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 20.068 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055500.D
 Acq: 9 May 2019 16:29

Tgt Ion:225 Resp: 87049
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.3
 227 65.2 32.0 96.0





#95

Naphthalene

Concen: 16.002 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

Instrument :

MSVOA_N

ClientSampled :

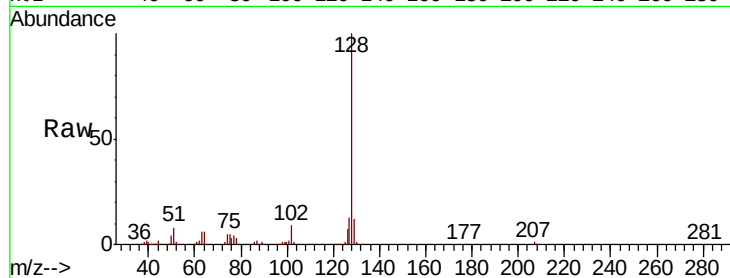
Tot Ion:128 Resp: 233052

Ion Ratio Lower Upper

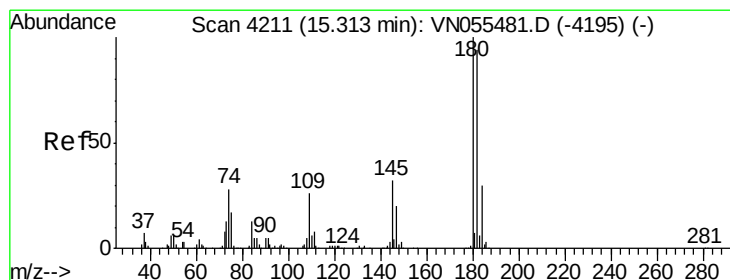
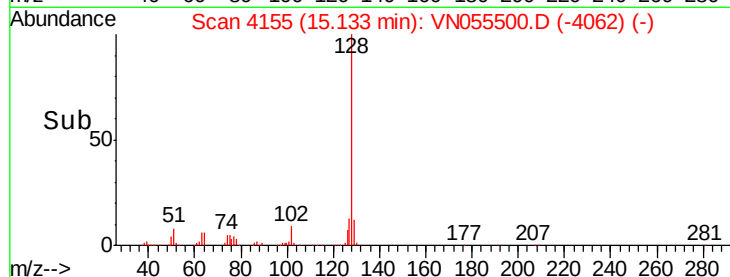
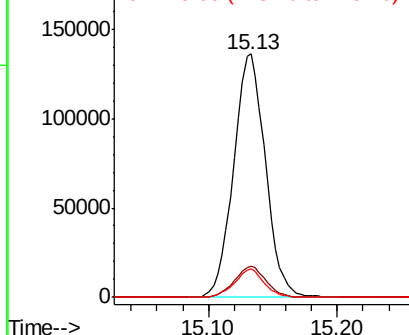
128 100

127 12.6 10.0 15.0

129 10.8 8.8 13.2



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: 16.509 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055500.D

Acq: 9 May 2019 16:29

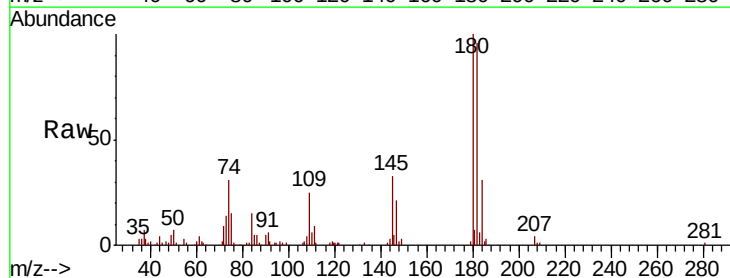
Tgt Ion:180 Resp: 95663

Ion Ratio Lower Upper

180 100

182 96.1 47.1 141.3

145 32.1 15.8 47.4



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

