

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055625.D
 Acq On : 17 May 2019 21:05
 Operator : JC/SP
 Sample : VN0517MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 03:12:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	323187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	501195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	434088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	182084	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	7.59	113	163612	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.09	98	595360	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.40	95	201515	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	46576	18.731	ug/l	99
3) Chloromethane	2.06	50	61467	18.532	ug/l	99
4) Vinyl Chloride	2.19	62	69179	19.262	ug/l	96
5) Bromomethane	2.57	94	47719	20.848	ug/l	96
6) Chloroethane	2.71	64	39222	19.669	ug/l	94
7) Trichlorofluoromethane	3.03	101	91348	19.848	ug/l	100
8) Diethyl Ether	3.41	74	37527	20.297	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	54494	19.422	ug/l	99
10) Methyl Iodide	3.96	142	64427	15.927	ug/l	99
11) Tert butyl alcohol	4.77	59	73213	110.817	ug/l	96
12) 1,1-Dichloroethene	3.75	96	57273	19.405	ug/l	99
13) Acrolein	3.61	56	31761	95.095	ug/l	93
14) Allyl chloride	4.33	41	93017	19.521	ug/l	99
15) Acrylonitrile	4.99	53	150467	102.367	ug/l	100
16) Acetone	3.82	43	125136	86.552	ug/l	99
17) Carbon Disulfide	4.06	76	152578	18.596	ug/l	99
18) Methyl Acetate	4.33	43	62110	20.038	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	193089	19.775	ug/l	99
20) Methylene Chloride	4.56	84	64075	19.420	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	60085	19.110	ug/l	98
22) Diisopropyl ether	5.95	45	180982	19.168	ug/l	97
23) Vinyl Acetate	5.90	43	791647	98.813	ug/l	99
24) 1,1-Dichloroethane	5.86	63	109492	19.778	ug/l	99
25) 2-Butanone	6.84	43	200585	99.225	ug/l	99
26) 2,2-Dichloropropane	6.83	77	75651	15.397	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	71725	19.590	ug/l	96
28) Bromochloromethane	7.20	49	51599	21.424	ug/l	99
29) Tetrahydrofuran	7.21	42	138425	103.358	ug/l	99
30) Chloroform	7.37	83	111408	19.604	ug/l	100
31) Cyclohexane	7.66	56	99058	18.853	ug/l	99
32) 1,1,1-Trichloroethane	7.58	97	100236	19.665	ug/l	99
36) 1,1-Dichloropropene	7.80	75	83626	18.715	ug/l	100
37) Ethyl Acetate	6.93	43	84237	20.891	ug/l	99
38) Carbon Tetrachloride	7.78	117	89762	18.798	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	94905	17.619	ug/l	98
40) Benzene	8.05	78	251129	19.107	ug/l	99
41) Methacrylonitrile	7.21	41	121567	70.517	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	84388	19.828	ug/l	100
43) Isopropyl Acetate	8.17	43	135930	19.380	ug/l	99
44) Trichloroethene	8.84	130	72497	19.548	ug/l	99
45) 1,2-Dichloropropane	9.12	63	66385	19.173	ug/l	96
46) Dibromomethane	9.21	93	44902	19.814	ug/l	99
47) Bromodichloromethane	9.40	83	90181	18.987	ug/l	99
48) Methyl methacrylate	9.20	41	60010	19.142	ug/l	94
49) 1,4-Dioxane	9.20	88	28519	457.801	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	405565	98.574	ug/l	100
52) Toluene	10.16	92	157518	19.108	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	92867	18.167	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	103432	18.470	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	64407	18.978	ug/l	99
56) Ethyl methacrylate	10.43	69	98799	18.649	ug/l	99
57) 1,3-Dichloropropane	10.71	76	102456	19.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	213039	94.642	ug/l	99
59) 2-Hexanone	10.75	43	278871	96.272	ug/l	98
60) Dibromochloromethane	10.90	129	75327	19.584	ug/l	98
61) 1,2-Dibromoethane	11.01	107	66257	19.512	ug/l	100
64) Tetrachloroethene	10.63	164	66282	19.359	ug/l	98
65) Chlorobenzene	11.44	112	165936	18.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	67810	19.198	ug/l	99
67) Ethyl Benzene	11.51	91	292863	18.724	ug/l	100
68) m/p-Xylenes	11.62	106	217489	36.822	ug/l	100
69) o-Xylene	11.95	106	107441	18.598	ug/l	100
70) Styrene	11.96	104	180998	18.843	ug/l	99
71) Bromoform	12.13	173	58048	19.393	ug/l #	99
73) Isopropylbenzene	12.25	105	288609	20.335	ug/l	100
74) N-amyl acetate	12.07	43	101883	19.201	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	89469	20.411	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	109037	28.278	ug/l #	100
77) Bromobenzene	12.53	156	74302	19.146	ug/l	98
78) n-propylbenzene	12.59	91	305167	18.185	ug/l	100
79) 2-Chlorotoluene	12.67	91	187223	19.833	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	234626	19.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	25784	17.189	ug/l	99
82) 4-Chlorotoluene	12.77	91	180681	18.274	ug/l	99
83) tert-Butylbenzene	12.99	119	206475	19.804	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	233964	19.624	ug/l	99
85) sec-Butylbenzene	13.17	105	263457	19.552	ug/l	100
86) p-Isopropyltoluene	13.29	119	239592	19.297	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	118810	18.516	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	114809	18.739	ug/l	98
89) n-Butylbenzene	13.62	91	185359	17.876	ug/l	99
90) Hexachloroethane	13.88	117	47273	19.728	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	121896	19.057	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17634	20.563	ug/l	97

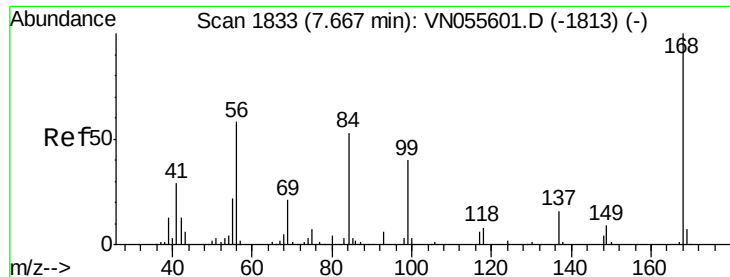
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	62785	19.283	ug/l	100
94) Hexachlorobutadiene	15.01	225	39425	18.209	ug/l	99
95) Naphthalene	15.13	128	175315	18.976	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	67409	19.801	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

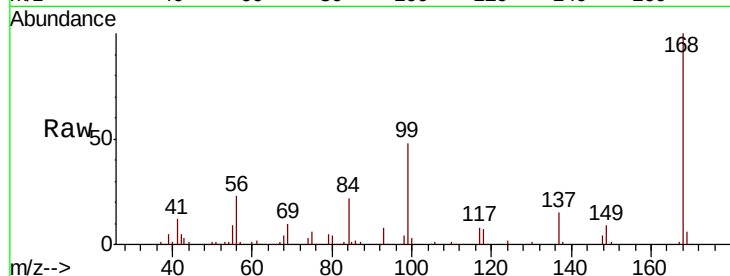
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 323187

Ion Ratio Lower Upper

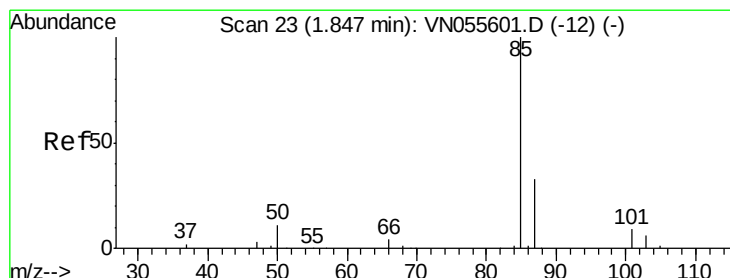
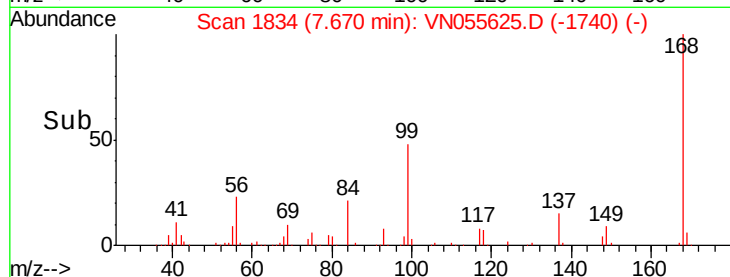
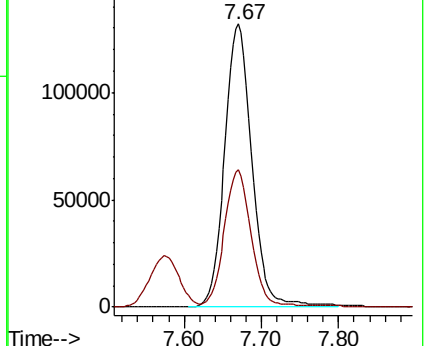
168 100

99 47.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.731 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055625.D

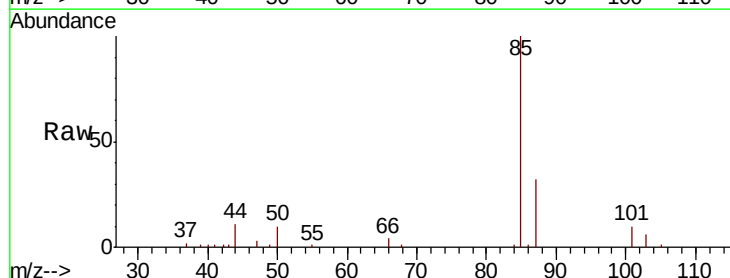
Acq: 17 May 2019 21:05

Tgt Ion: 85 Resp: 46576

Ion Ratio Lower Upper

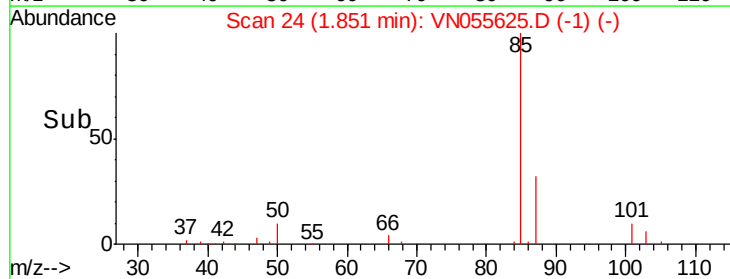
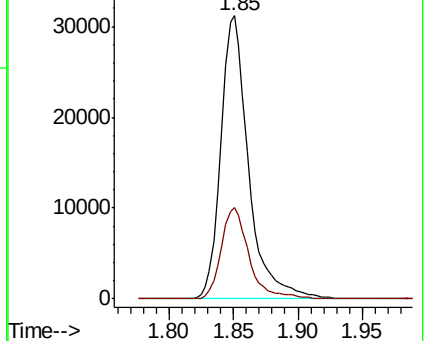
85 100

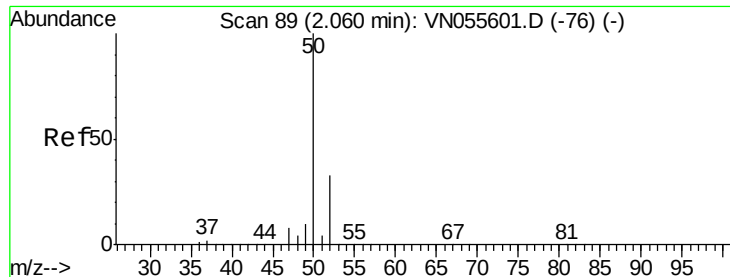
87 32.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.532 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

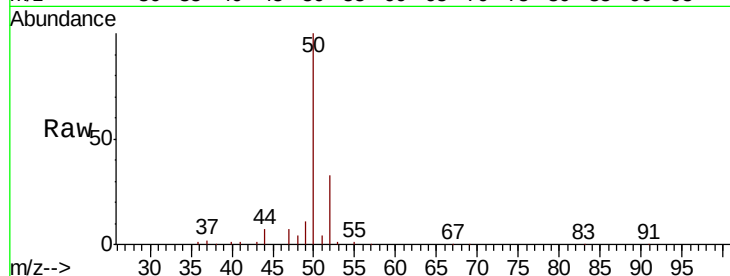
ClientSampleId :

Tot Ion: 50 Resp: 61467

Ion Ratio Lower Upper

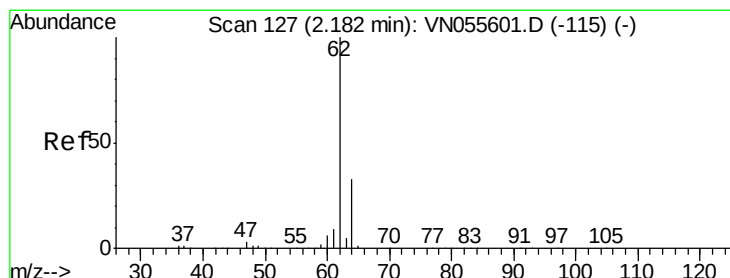
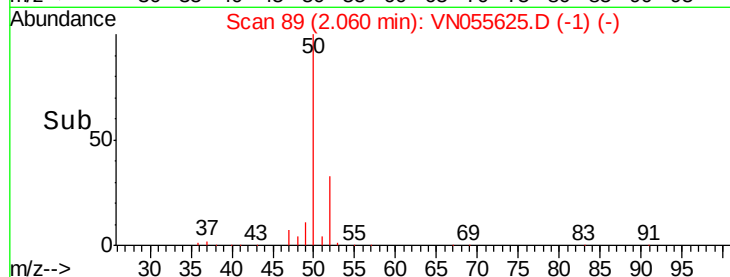
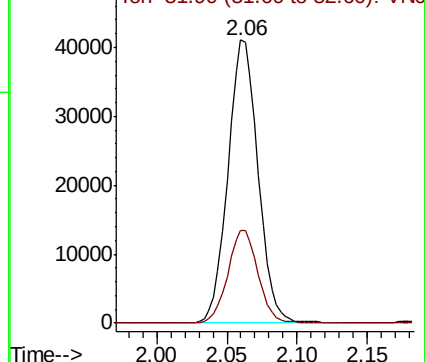
50 100

52 32.9 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 19.262 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055625.D

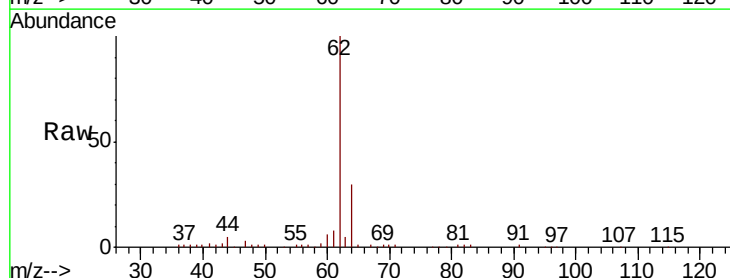
Acq: 17 May 2019 21:05

Tgt Ion: 62 Resp: 69179

Ion Ratio Lower Upper

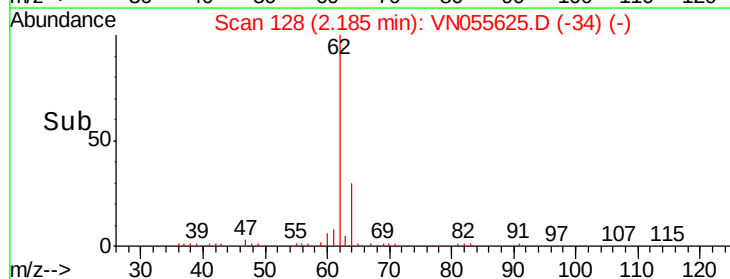
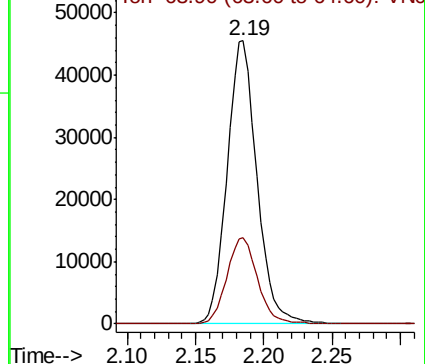
62 100

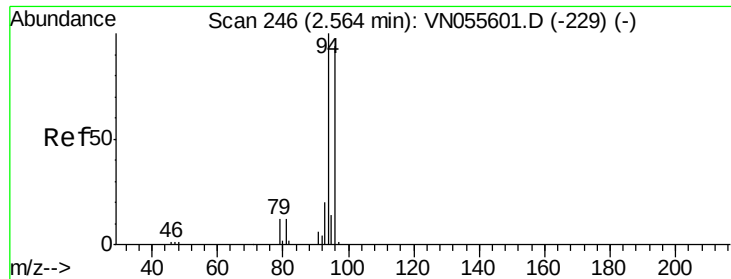
64 30.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 20.848 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

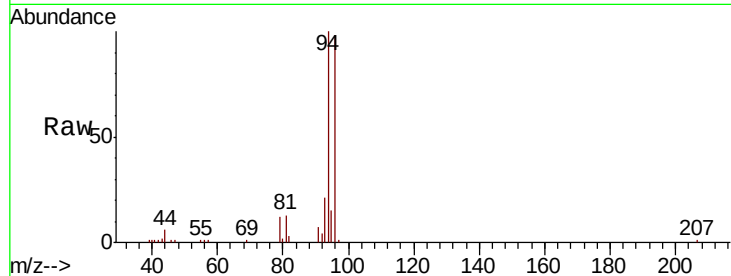
ClientSampled :

Tot Ion: 94 Resp: 47719

Ion Ratio Lower Upper

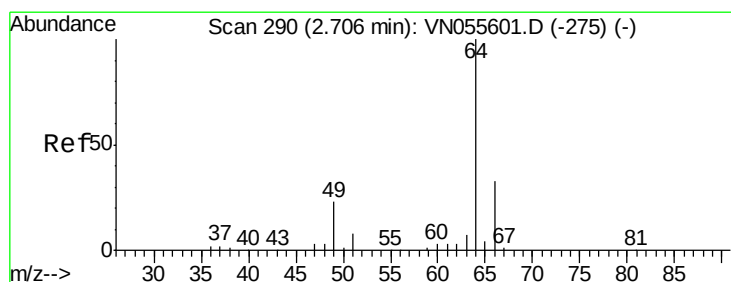
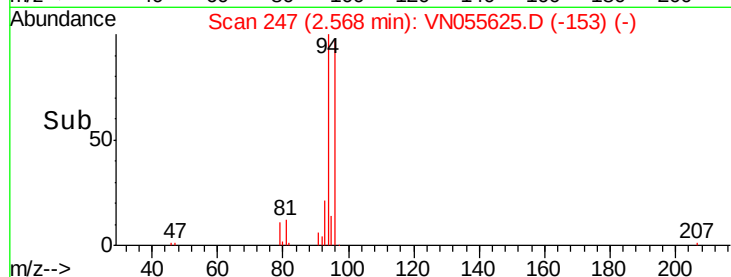
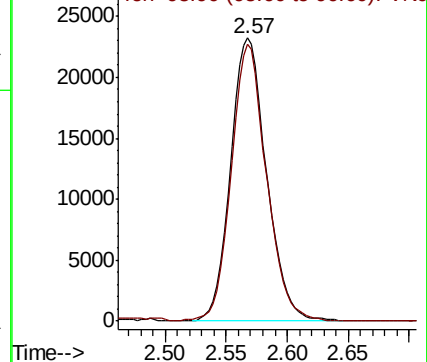
94 100

96 97.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.669 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN055625.D

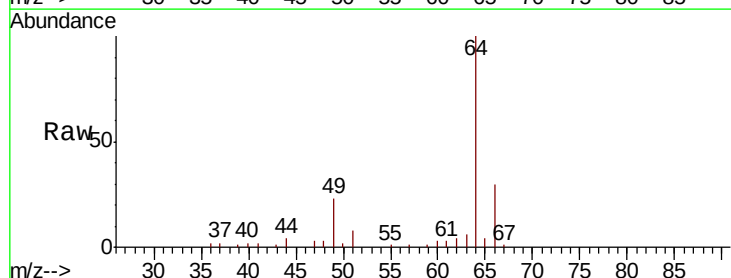
Acq: 17 May 2019 21:05

Tgt Ion: 64 Resp: 39222

Ion Ratio Lower Upper

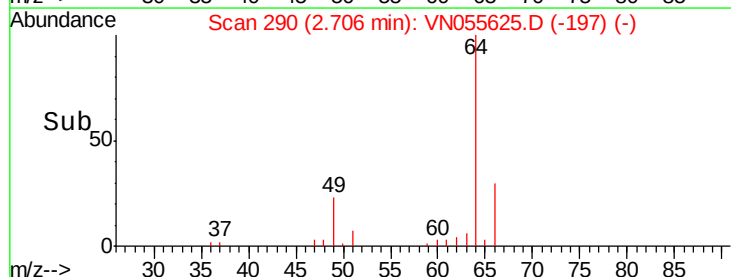
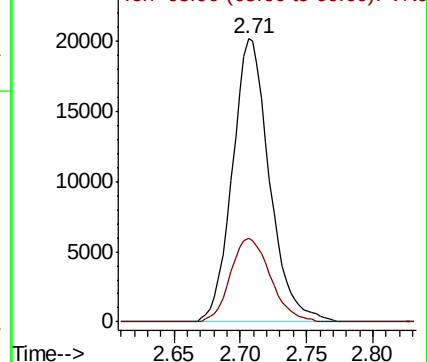
64 100

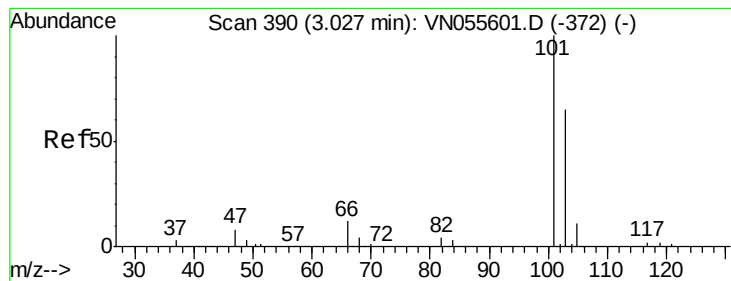
66 29.6 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



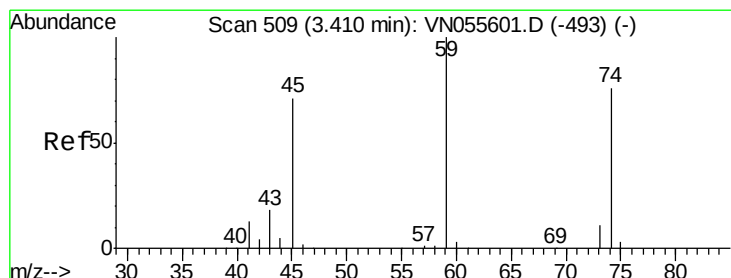
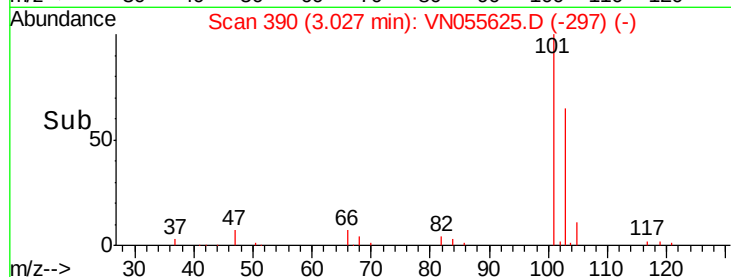
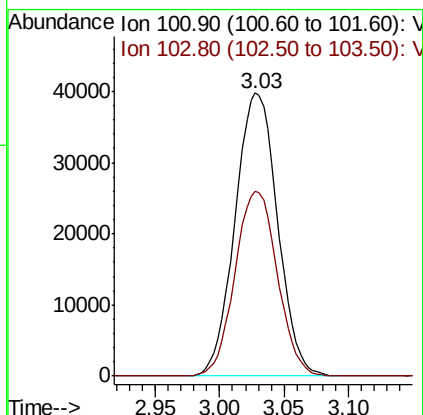
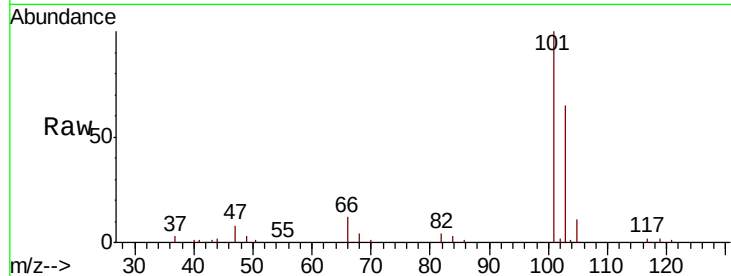


#7

Trichlorofluoromethane
 Concen: 19.848 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Instrument :
 MSVOA_N
 ClientSampled :

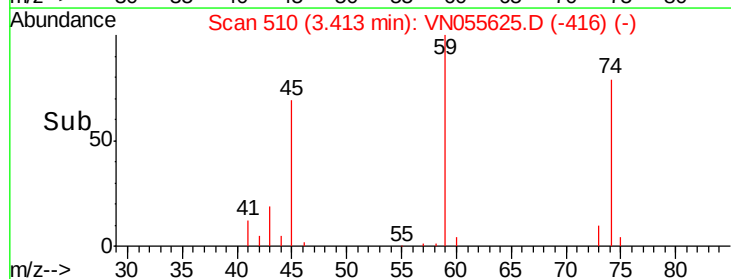
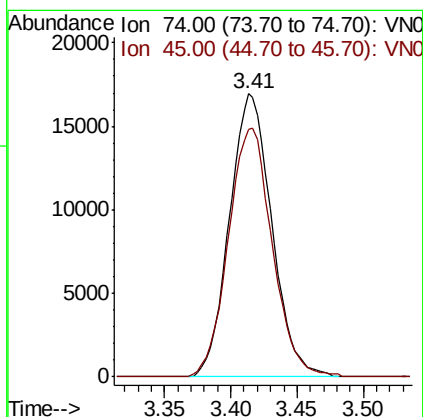
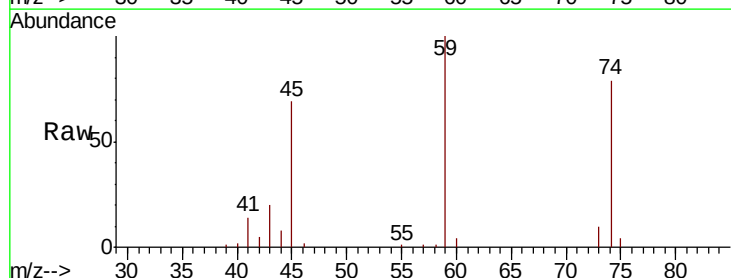
Tot Ion:101 Resp: 91348
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.3 78.5

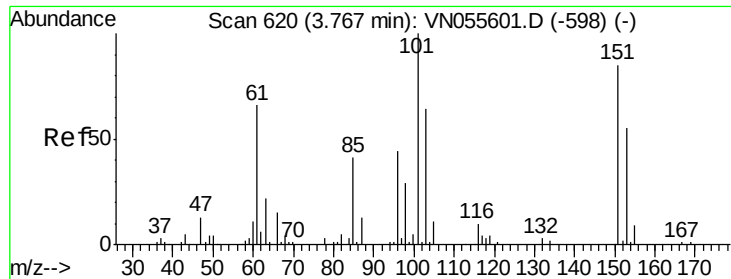


#8

Diethyl Ether
 Concen: 20.297 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Tgt Ion: 74 Resp: 37527
 Ion Ratio Lower Upper
 74 100
 45 91.4 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.422 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

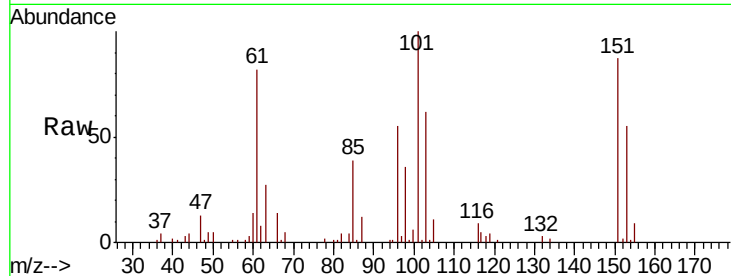
Tot Ion:101 Resp: 54494

Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.0

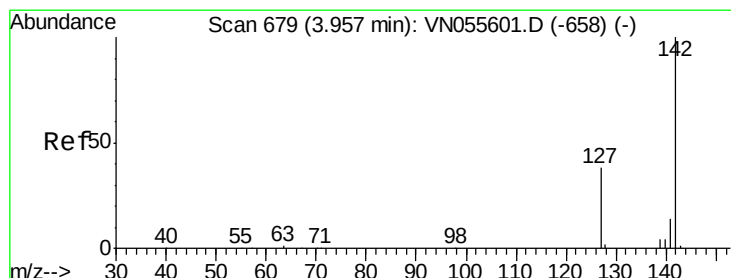
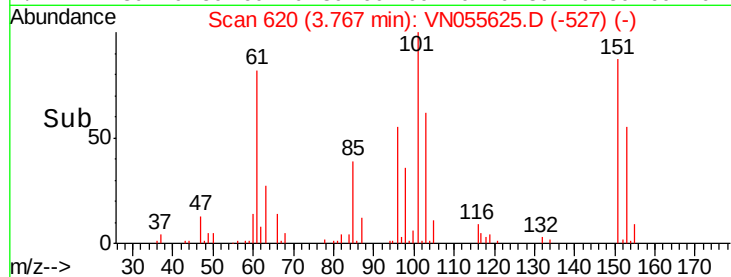
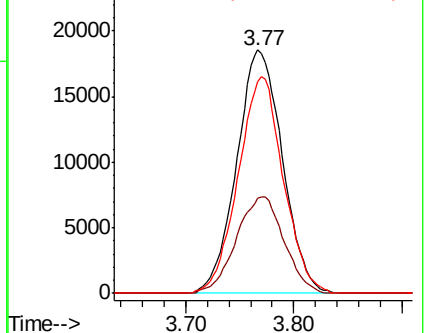
151 87.9 69.3 103.9



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: 15.927 ug/l

RT: 3.96 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

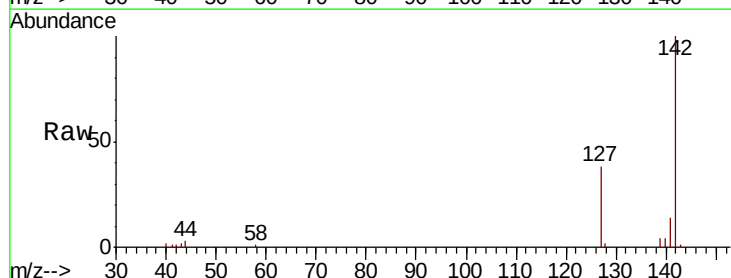
Tgt Ion:142 Resp: 64427

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.4

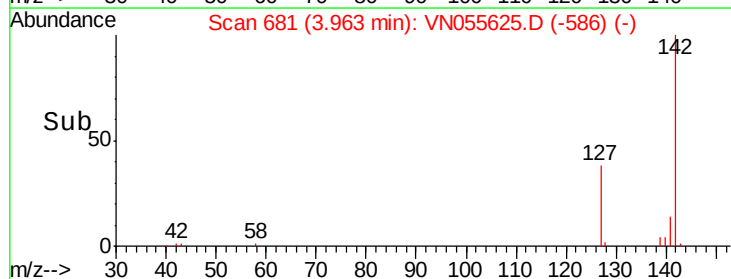
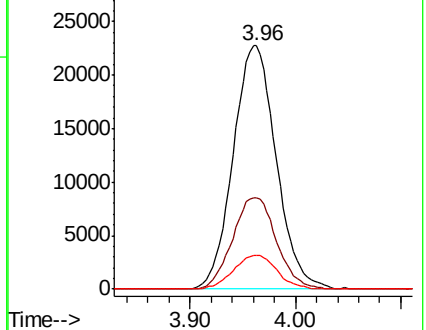
141 14.0 11.5 17.3

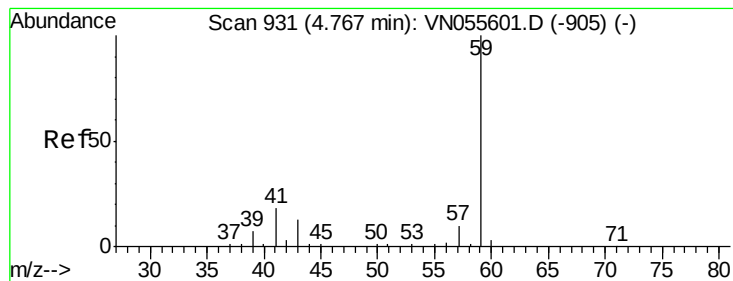


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



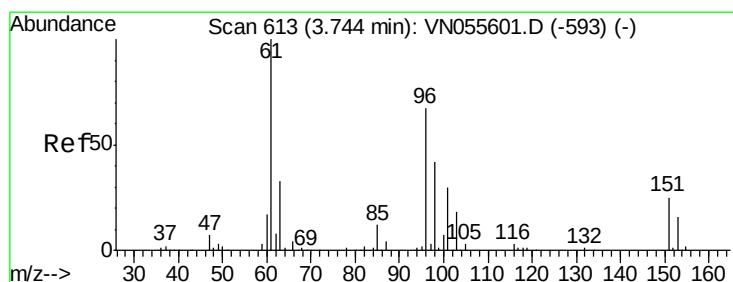
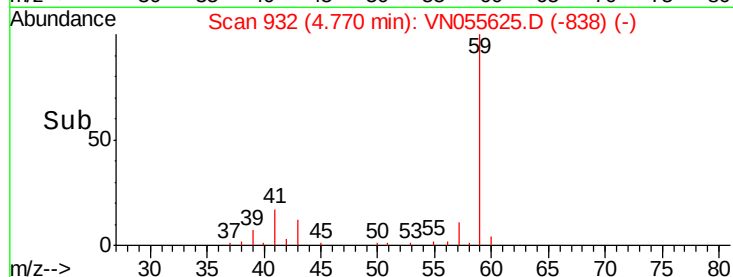
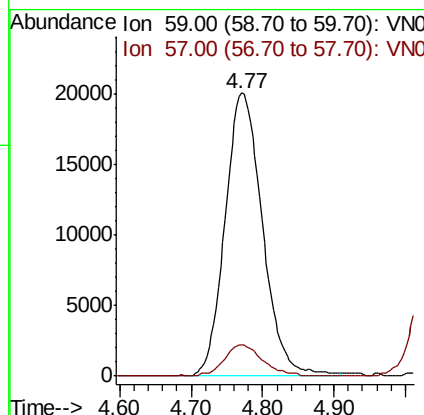
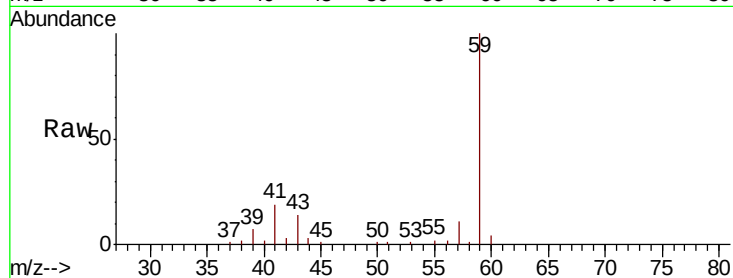


#11

Tert butyl alcohol
 Concen: 110.817 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :

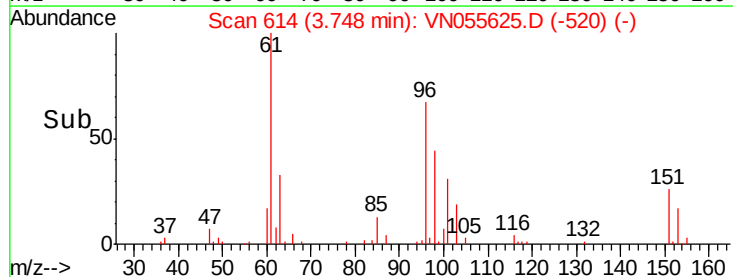
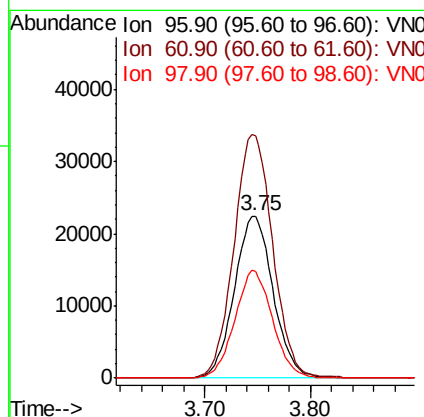
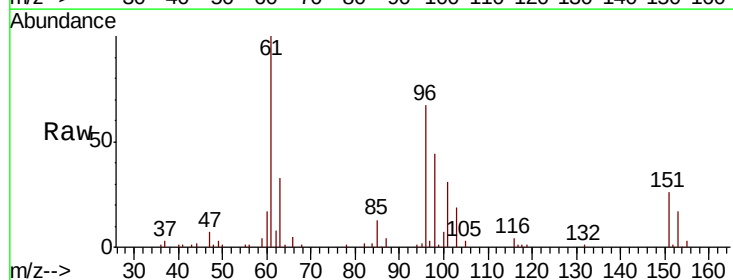
Tot Ion: 59 Resp: 73213
 Ion Ratio Lower Upper
 59 100
 57 11.2 7.8 11.6

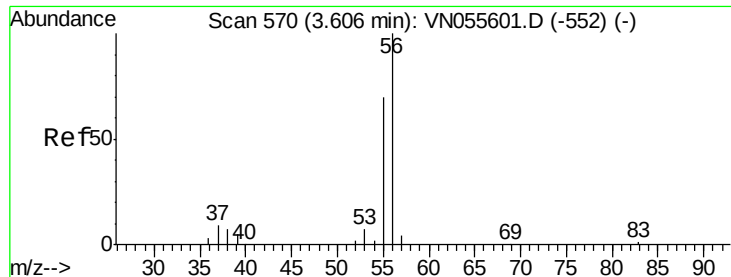


#12

1,1-Dichloroethene
 Concen: 19.405 ug/l
 RT: 3.75 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Tgt Ion: 96 Resp: 57273
 Ion Ratio Lower Upper
 96 100
 61 149.6 120.2 180.2
 98 65.8 50.6 75.8

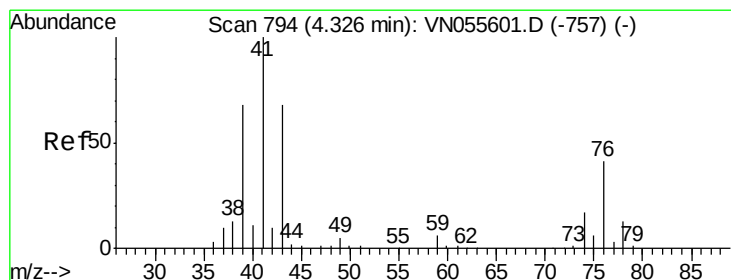
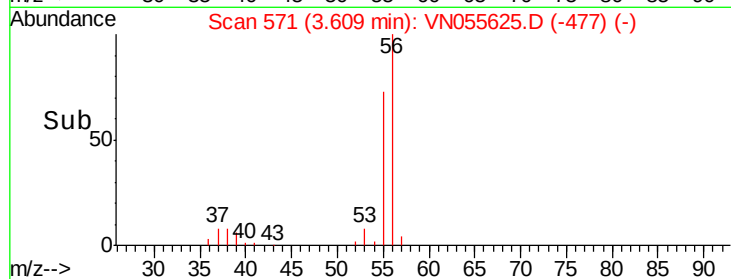
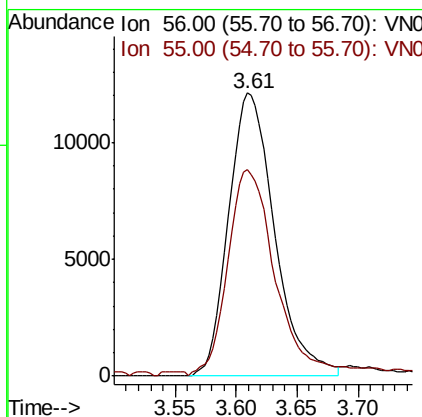
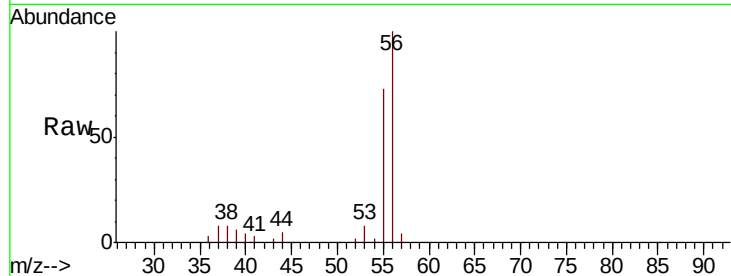




#13
Acrolein
Concen: 95.095 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

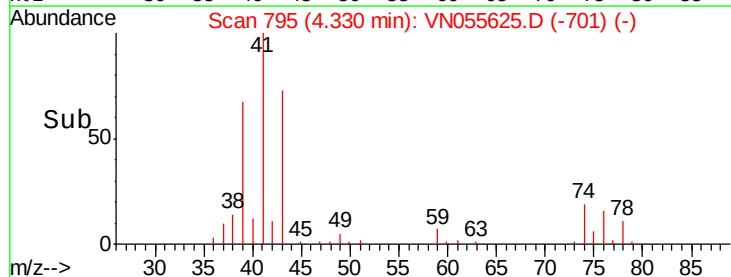
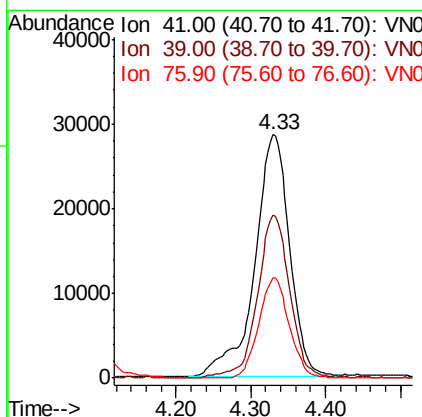
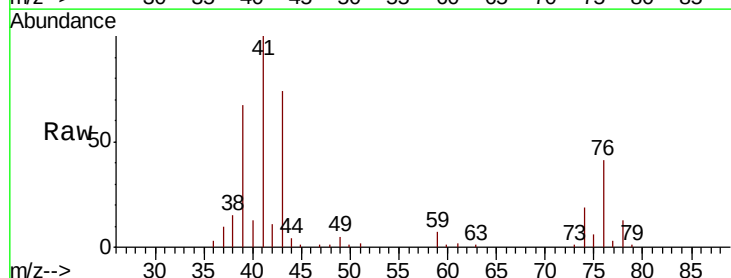
Instrument :
MSVOA_N
ClientSampled :

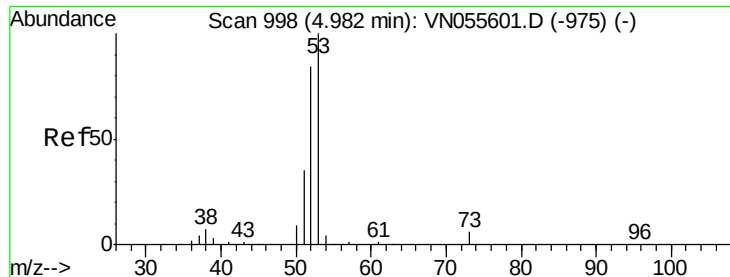
Tot Ion: 56 Resp: 31761
Ion Ratio Lower Upper
56 100
55 76.1 56.5 84.7



#14
Allyl chloride
Concen: 19.521 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion: 41 Resp: 93017
Ion Ratio Lower Upper
41 100
39 62.2 50.5 75.7
76 35.9 29.2 43.8





#15

Acrylonitrile

Concen: 102.367 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

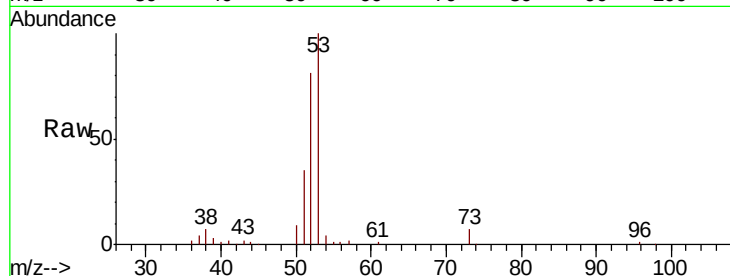
Tot Ion: 53 Resp: 150467

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.4

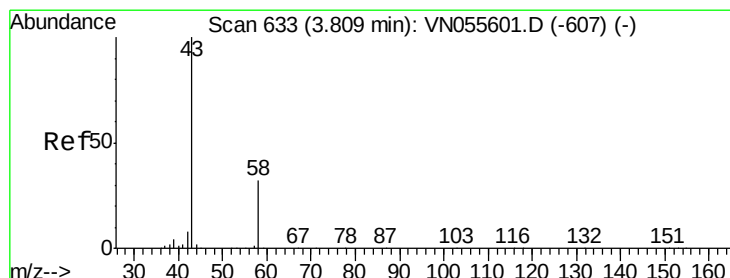
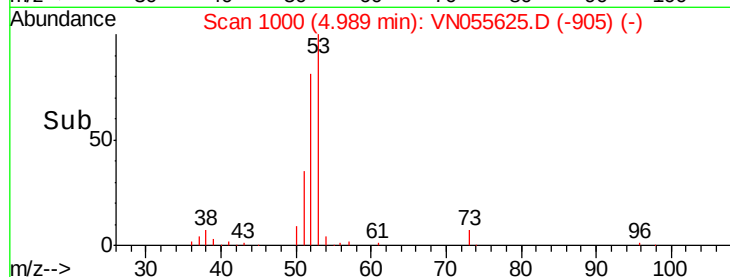
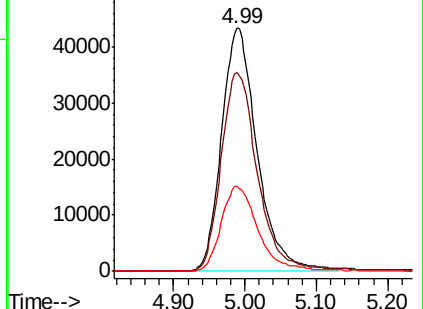
51 35.9 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN055601.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN055601.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN055601.D (-975) (-)



#16

Acetone

Concen: 86.552 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN055625.D

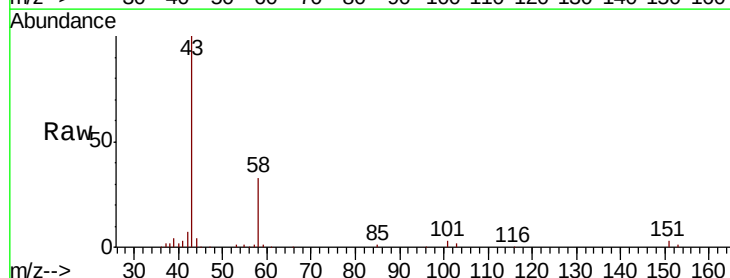
Acq: 17 May 2019 21:05

Tgt Ion: 43 Resp: 125136

Ion Ratio Lower Upper

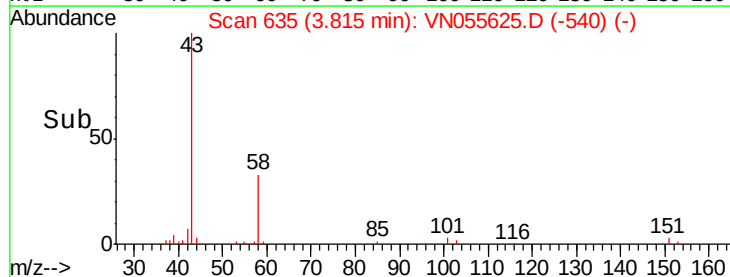
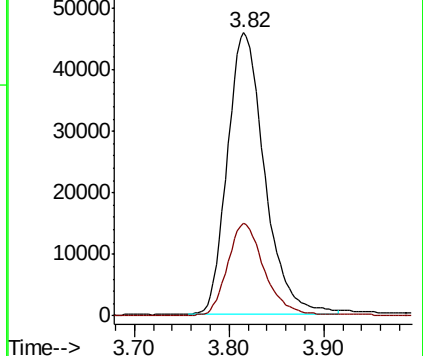
43 100

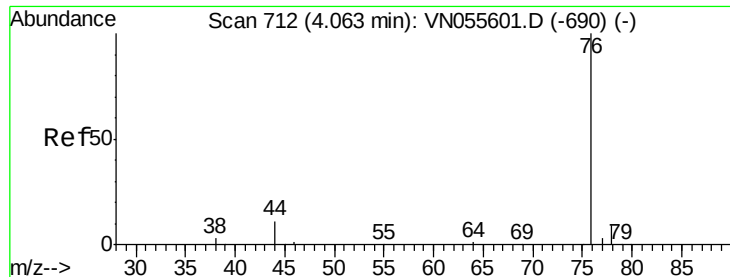
58 33.0 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-607) (-)





#17

Carbon Disulfide

Concen: 18.596 ug/l

RT: 4.06 min Scan# 712

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

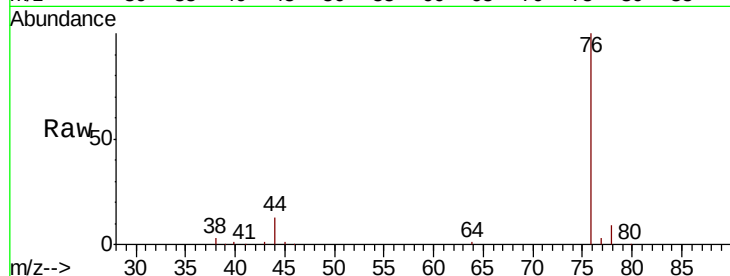
ClientSampled :

Tot Ion: 76 Resp: 152578

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

60000

50000

40000

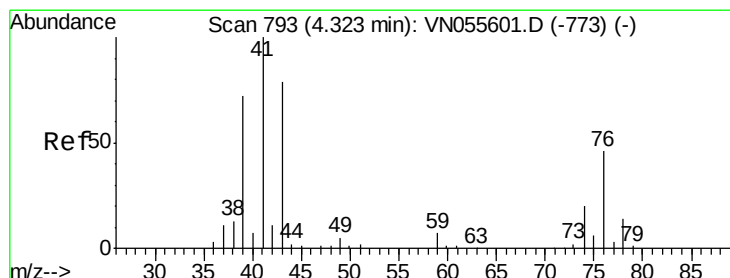
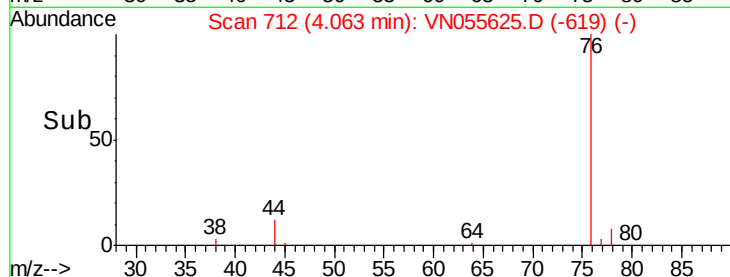
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 20.038 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055625.D

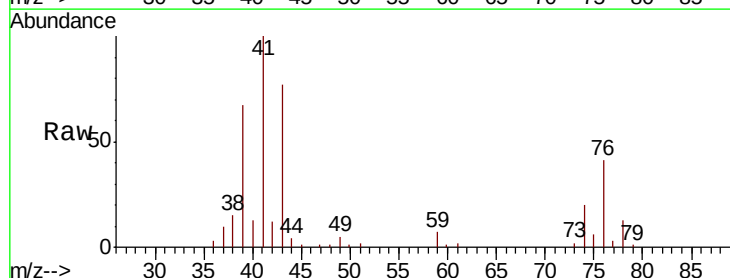
Acq: 17 May 2019 21:05

Tgt Ion: 43 Resp: 62110

Ion Ratio Lower Upper

43 100

74 25.6 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

25000

20000

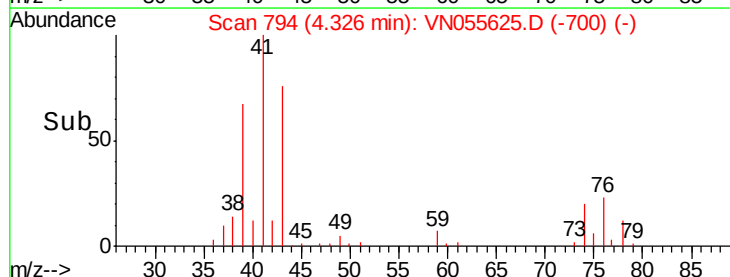
15000

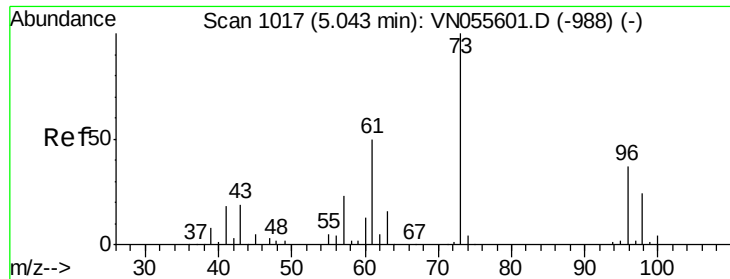
10000

5000

0

Time-->

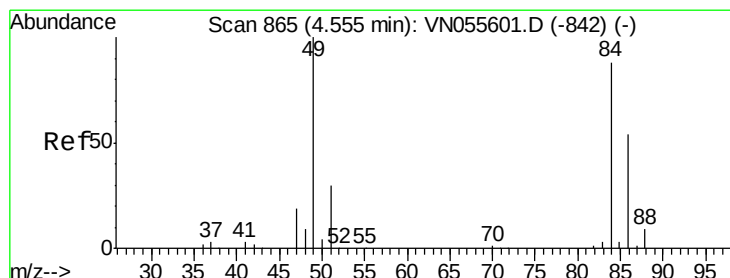
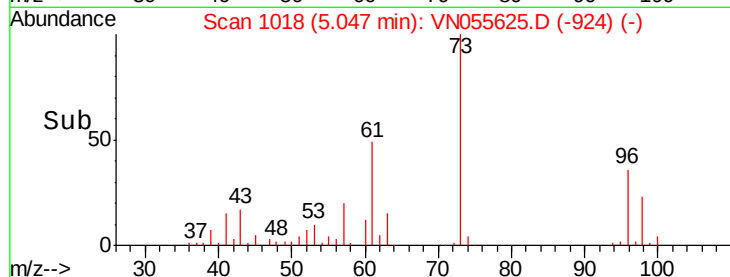
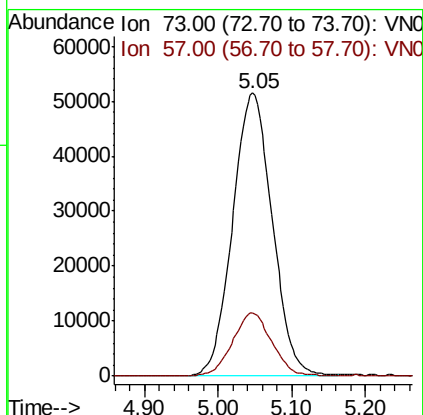
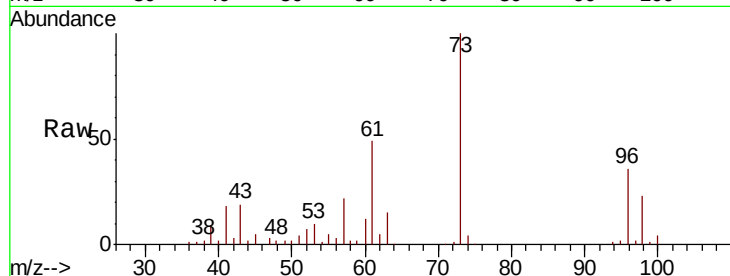




#19
Methyl tert-butyl Ether
Concen: 19.775 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

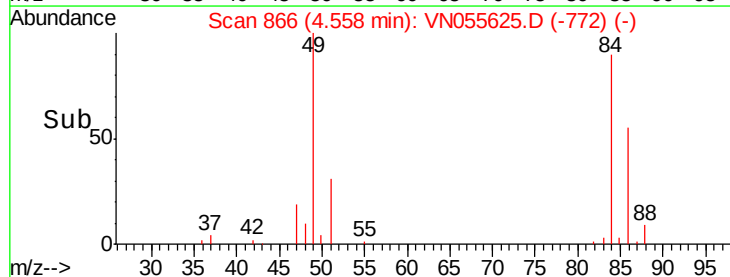
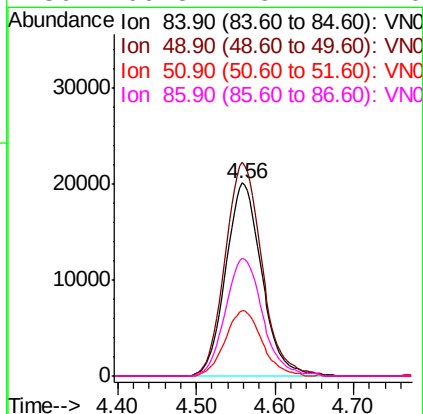
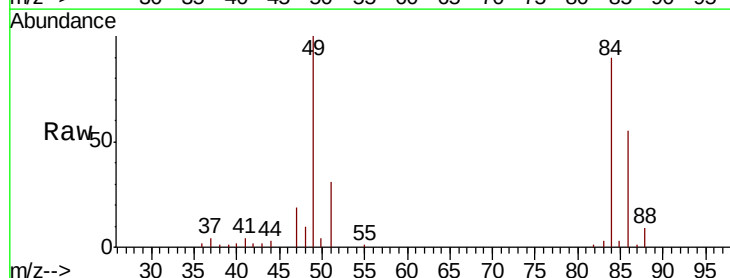
Instrument :
MSVOA_N
ClientSampled :

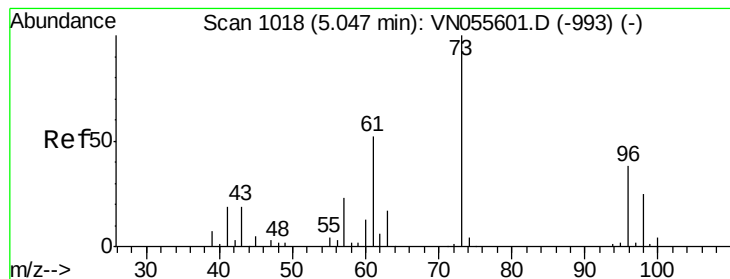
Tot Ion: 73 Resp: 193089
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.2



#20
Methylene Chloride
Concen: 19.420 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion: 84 Resp: 64075
Ion Ratio Lower Upper
84 100
49 110.5 91.0 136.4
51 34.1 27.5 41.3
86 60.8 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 19.110 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :

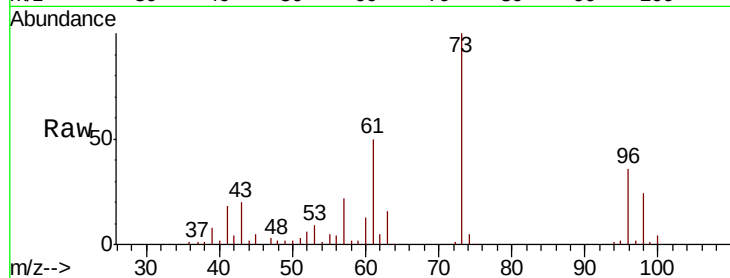
Tot Ion: 96 Resp: 60085

Ion Ratio Lower Upper

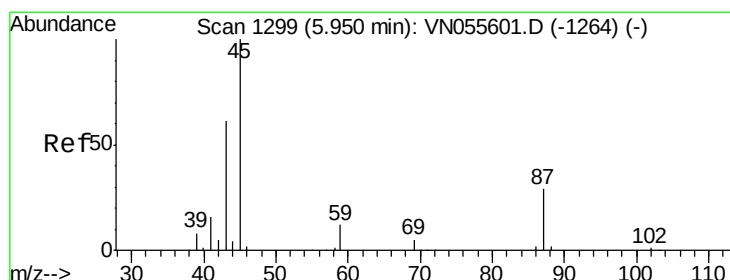
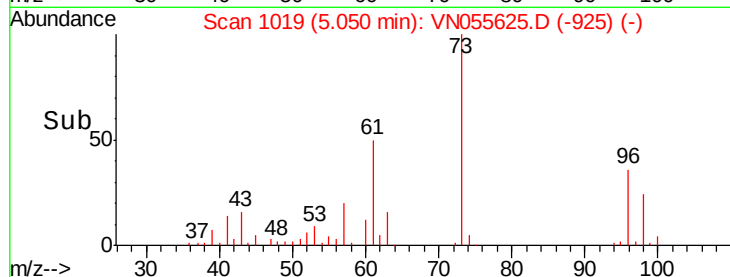
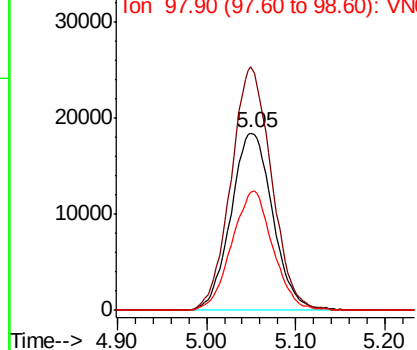
96 100

61 137.3 108.6 162.8

98 66.9 51.4 77.0



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



#22

Diisopropyl ether

Concen: 19.168 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Tgt Ion: 45 Resp: 180982

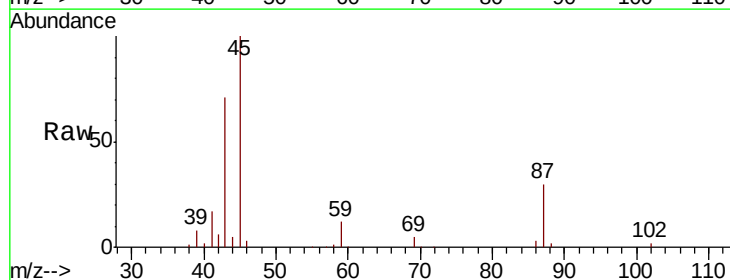
Ion Ratio Lower Upper

45 100

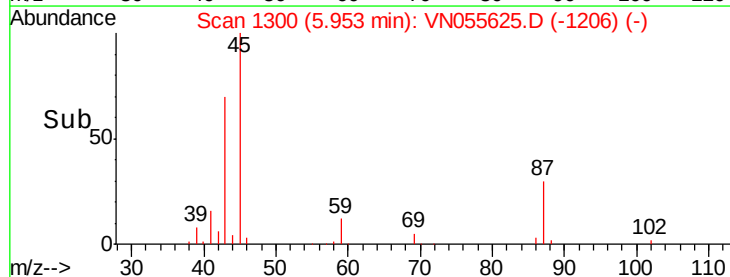
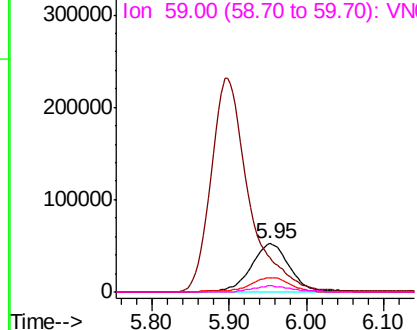
43 66.7 50.4 75.6

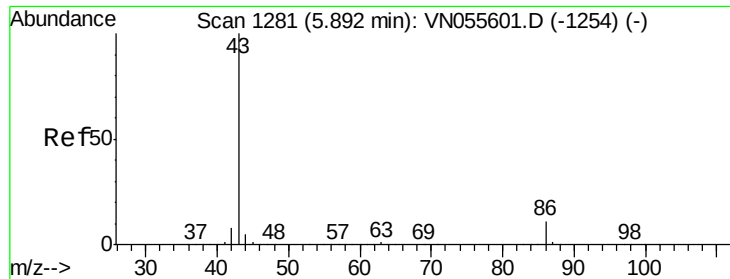
87 29.6 23.8 35.6

59 12.1 9.5 14.3



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

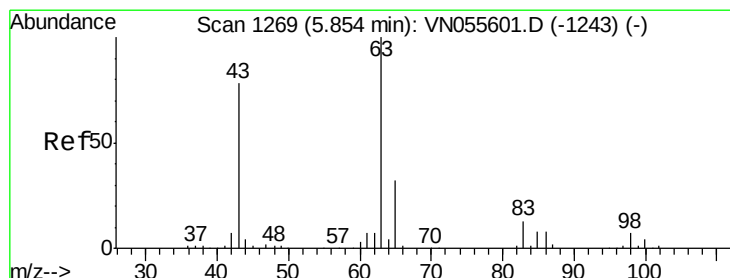
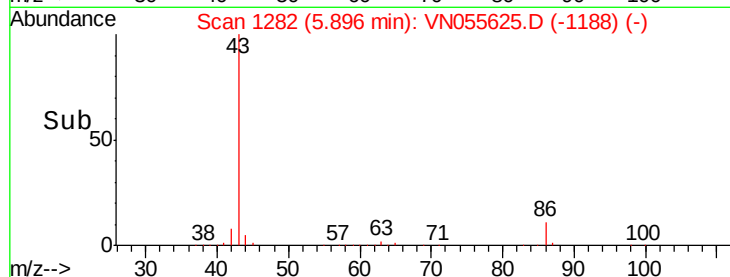
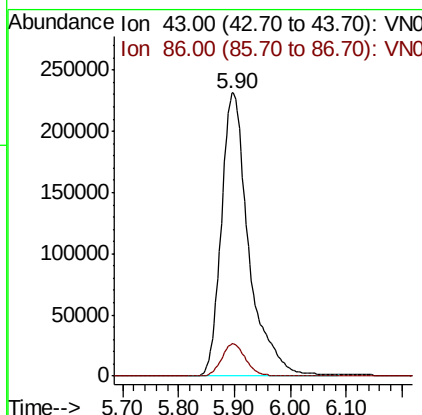
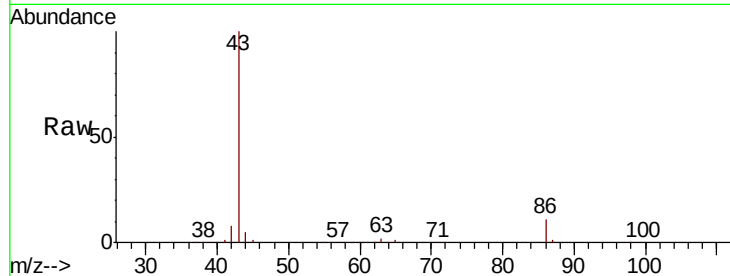




#23
 Vinyl Acetate
 Concen: 98.813 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

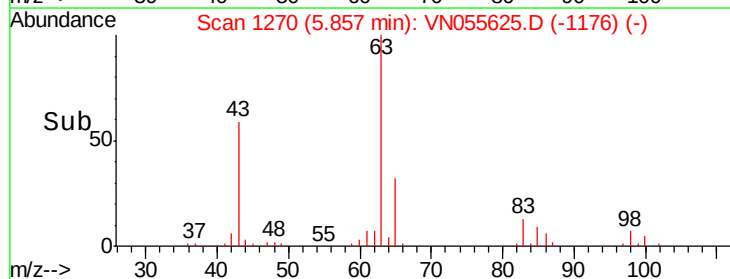
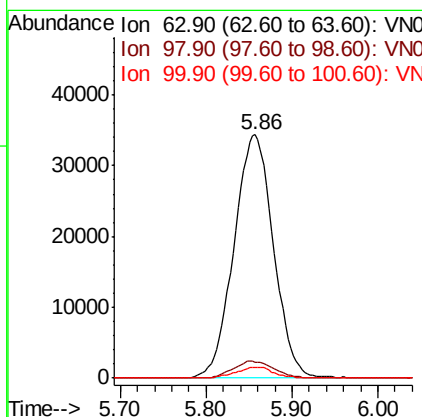
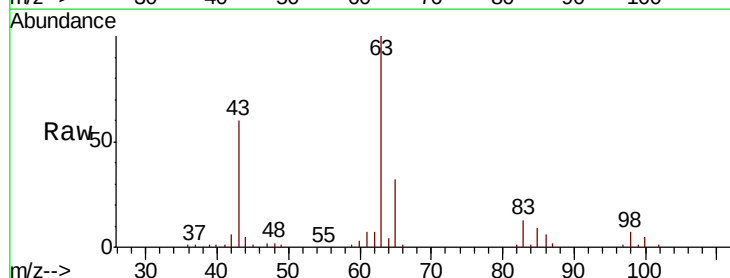
Instrument :
 MSVOA_N
 ClientSampled :

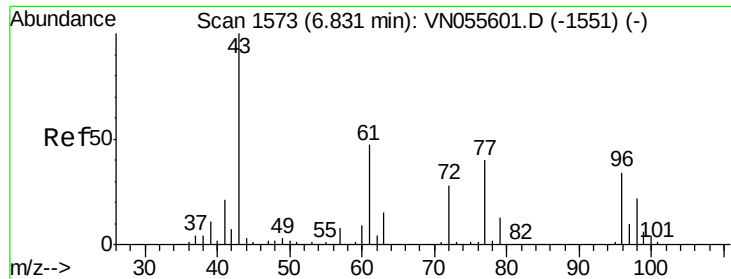
Tot Ion: 43 Resp: 791647
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.778 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Tgt Ion: 63 Resp: 109492
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.5 2.2 6.6

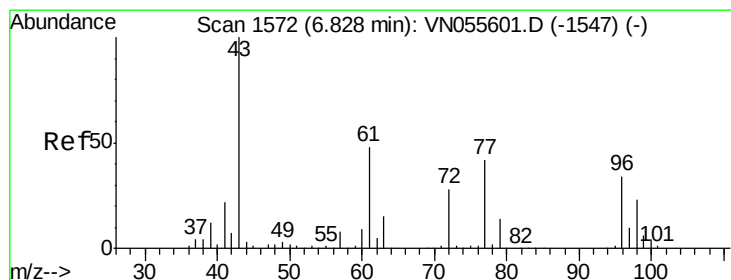
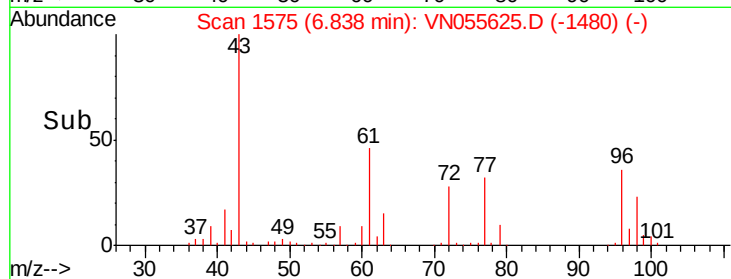
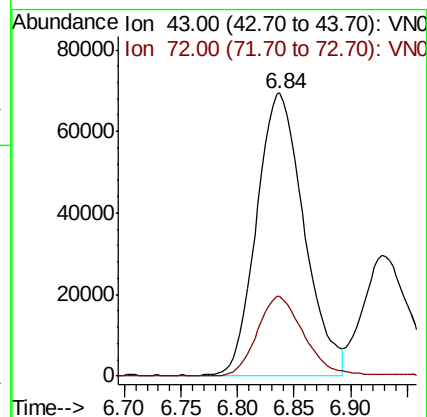
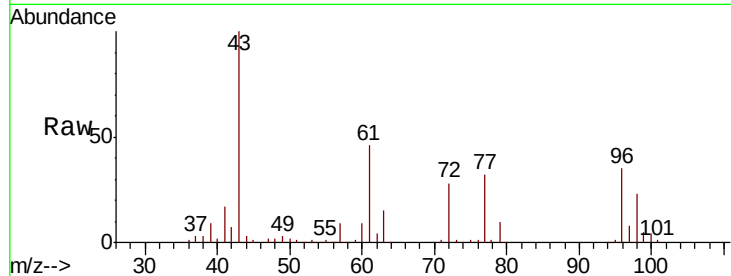




#25
2-Butanone
Concen: 99.225 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

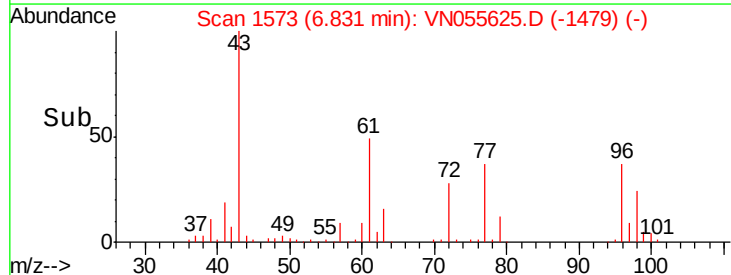
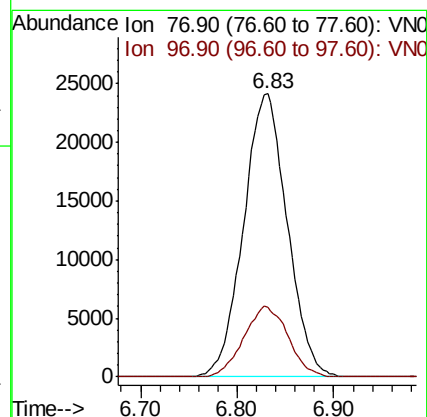
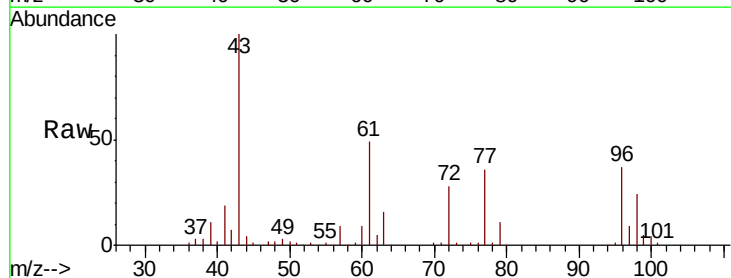
Instrument :
MSVOA_N
ClientSampled :

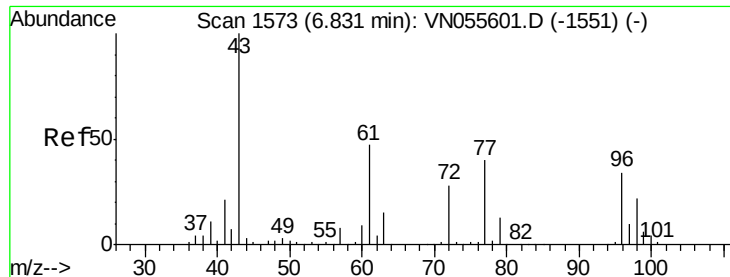
Tot Ion: 43 Resp: 200585
Ion Ratio Lower Upper
43 100
72 28.2 22.3 33.5



#26
2,2-Dichloropropane
Concen: 15.397 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion: 77 Resp: 75651
Ion Ratio Lower Upper
77 100
97 25.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.590 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :

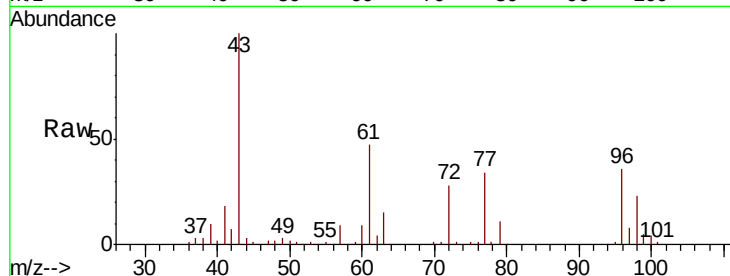
Tot Ion: 96 Resp: 71725

Ion Ratio Lower Upper

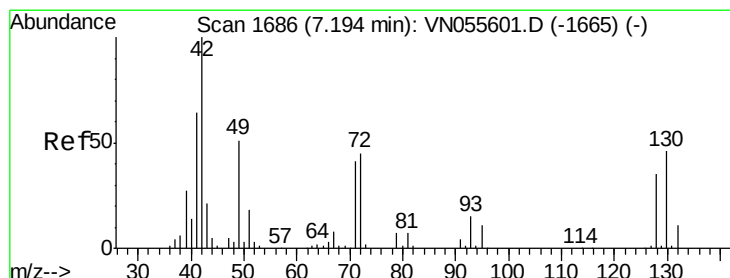
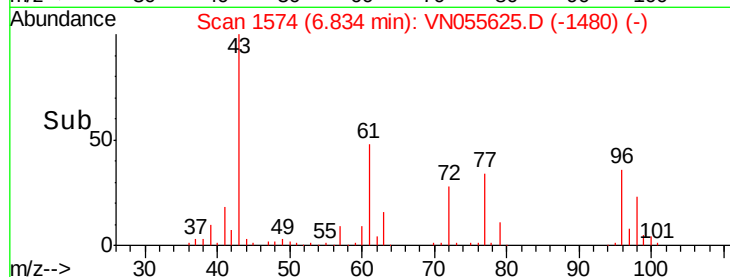
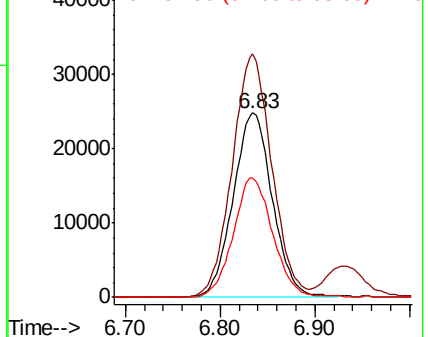
96 100

61 132.2 0.0 279.0

98 64.7 0.0 131.6



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: 21.424 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

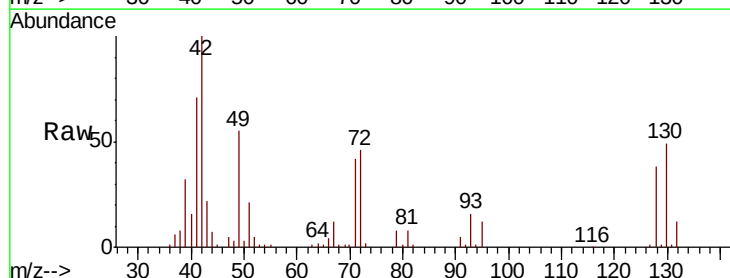
Tgt Ion: 49 Resp: 51599

Ion Ratio Lower Upper

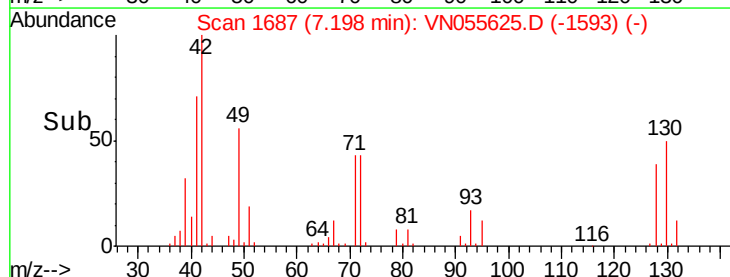
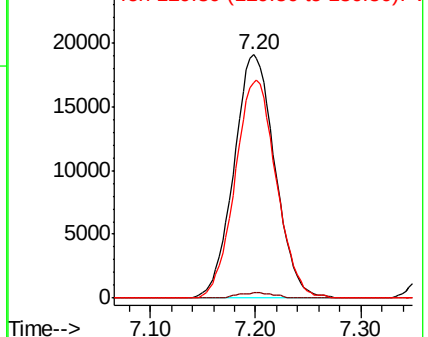
49 100

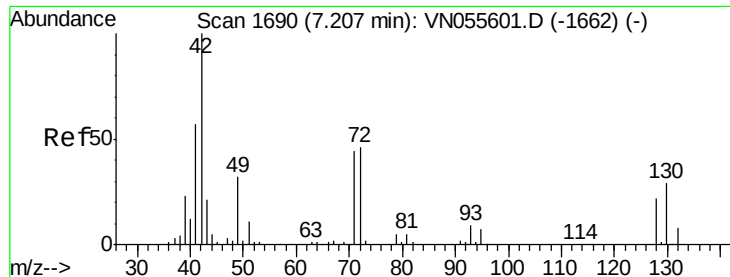
129 1.9 0.0 4.4

130 89.9 71.0 106.6



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

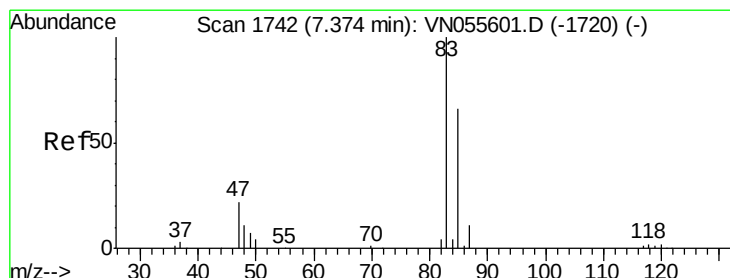
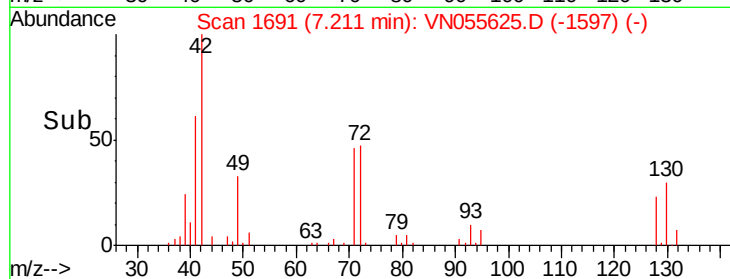
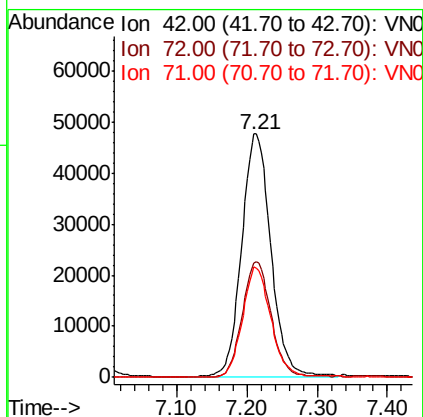
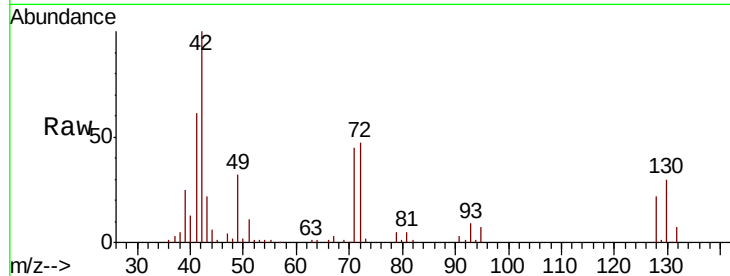




#29
Tetrahydrofuran
Concen: 103.358 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

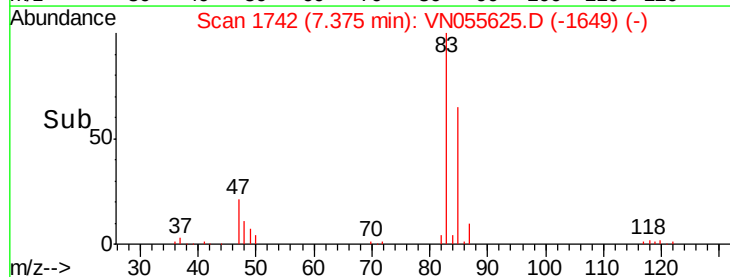
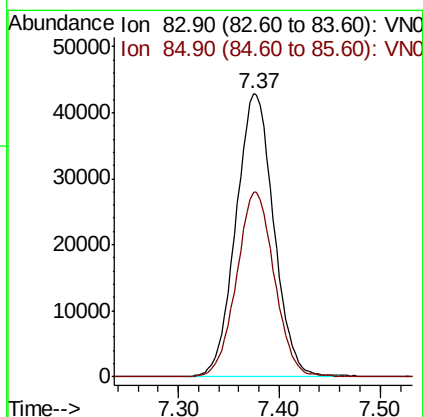
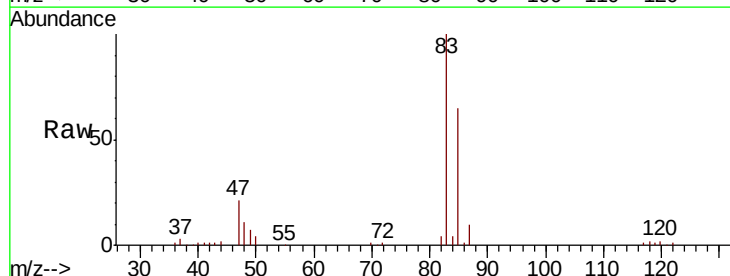
Instrument :
MSVOA_N
ClientSampled :

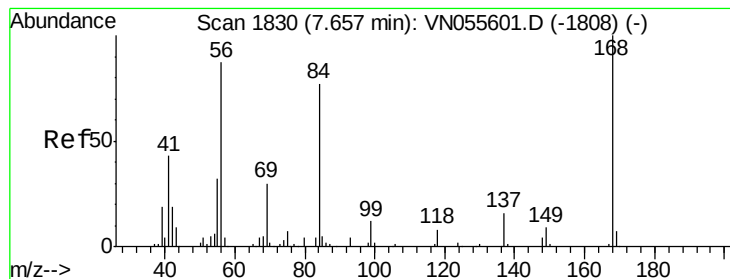
Tot Ion: 42 Resp: 138425
Ion Ratio Lower Upper
42 100
72 46.5 36.5 54.7
71 43.7 34.9 52.3



#30
Chloroform
Concen: 19.604 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion: 83 Resp: 111408
Ion Ratio Lower Upper
83 100
85 65.3 52.6 78.8





#31

Cyclohexane

Concen: 18.853 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :

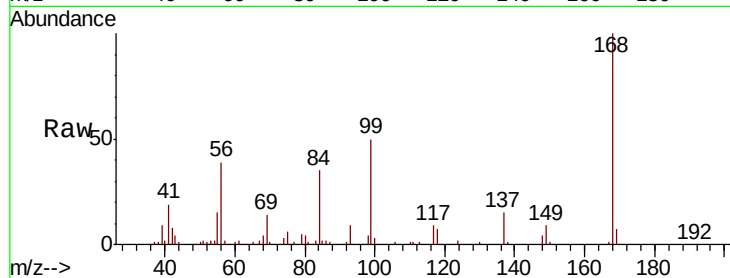
Tot Ion: 56 Resp: 99058

Ion Ratio Lower Upper

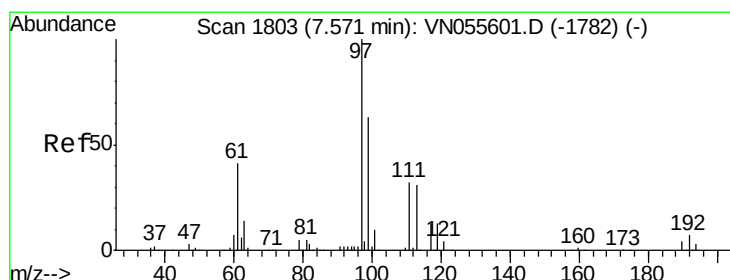
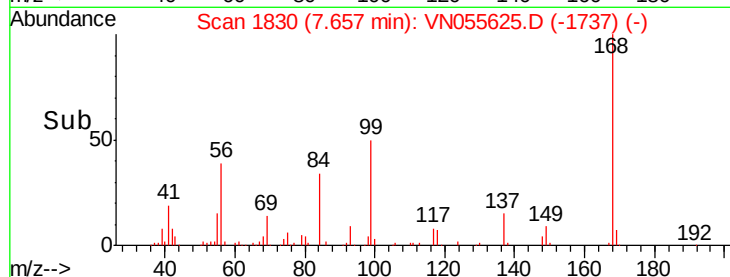
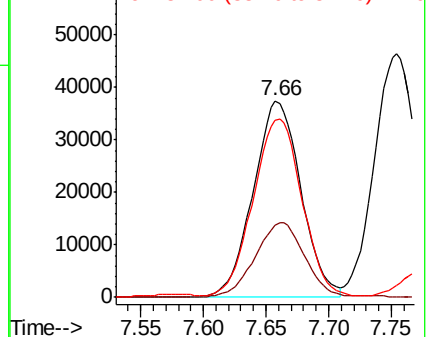
56 100

69 36.6 27.2 40.8

84 89.3 71.3 106.9



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



#32

1,1,1-Trichloroethane

Concen: 19.665 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

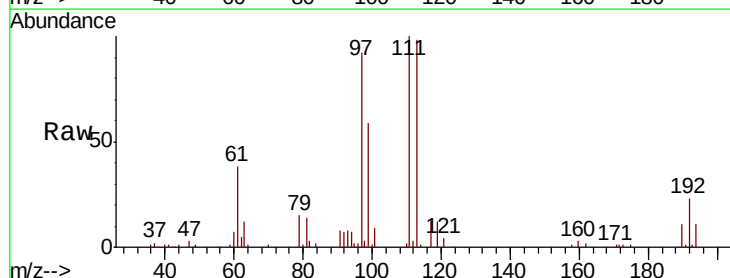
Tgt Ion: 97 Resp: 100236

Ion Ratio Lower Upper

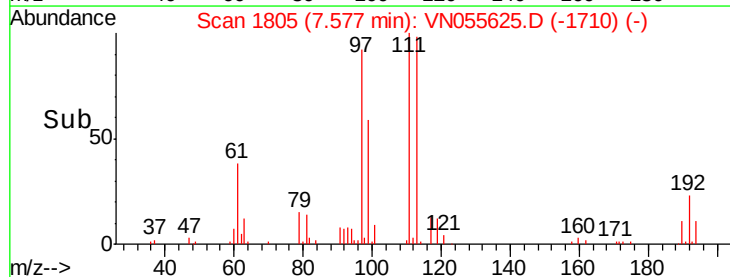
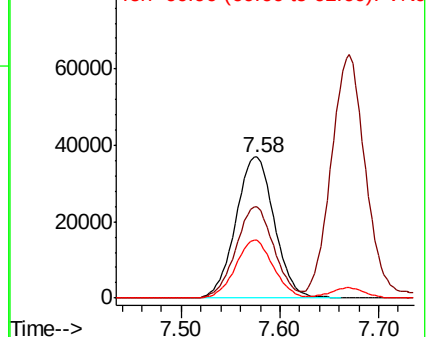
97 100

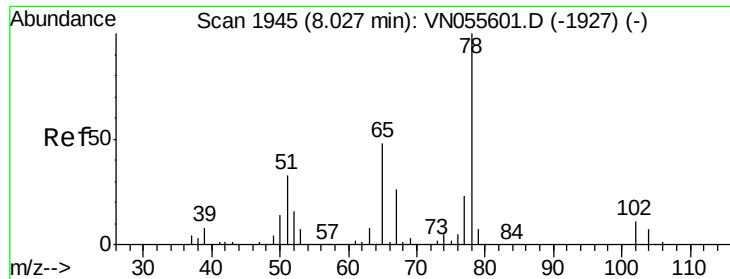
99 64.0 51.4 77.2

61 40.0 32.9 49.3



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





#33

1,2-Dichloroethane-d4

Concen: 51.396 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

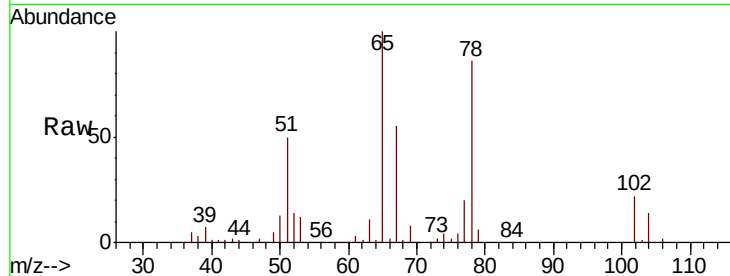
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 182084

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055601.D (-1927) (-)

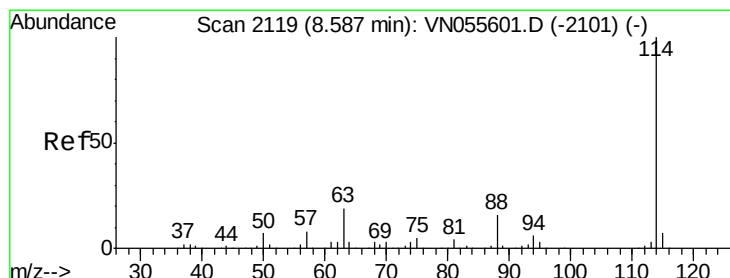
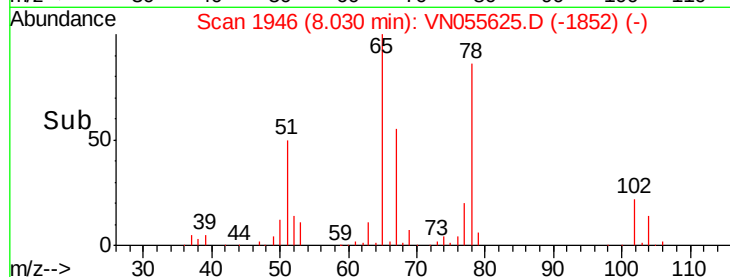
Ion 66.90 (66.60 to 67.60): VN055601.D (-1927) (-)

8.03

8.05

8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

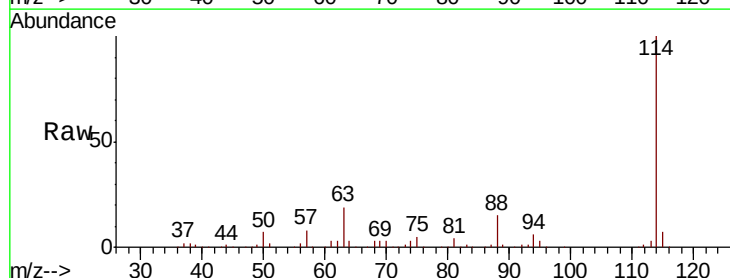
Tgt Ion: 114 Resp: 501195

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.2

88 15.2 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN055601.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055601.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055601.D (-2101) (-)

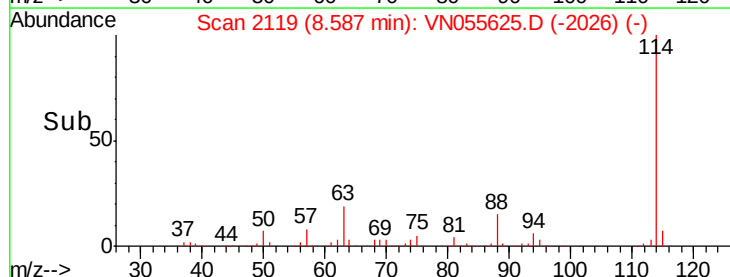
8.59

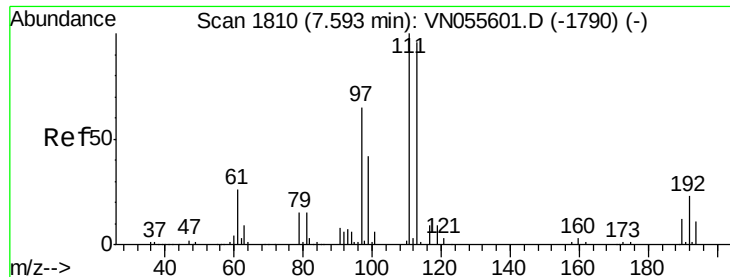
8.60

8.70

8.80

Time-->





#35

Dibromofluoromethane

Concen: 51.389 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :
MSVOA_N
ClientSampleId :

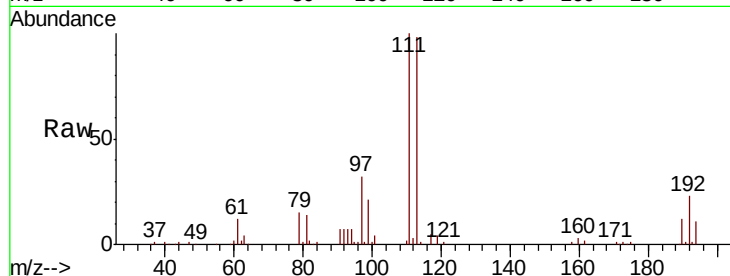
Tot Ion:113 Resp: 163612

Ion Ratio Lower Upper

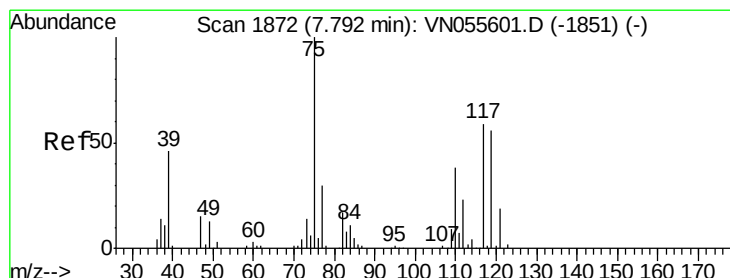
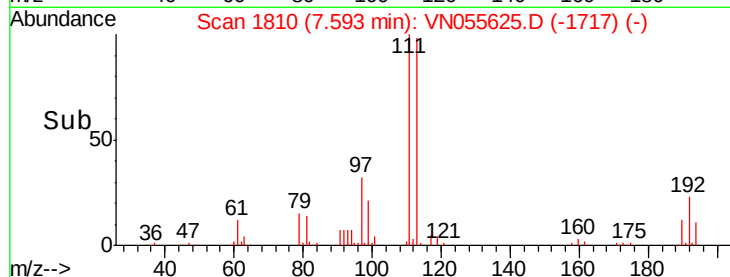
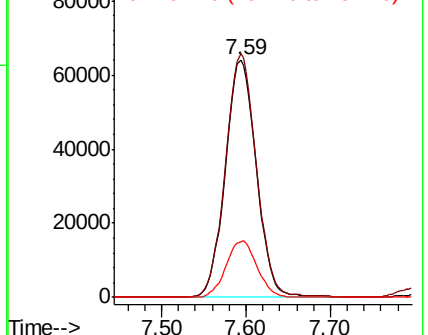
113 100

111 102.5 82.5 123.7

192 23.8 18.7 28.1



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



#36

1,1-Dichloropropene

Concen: 18.715 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

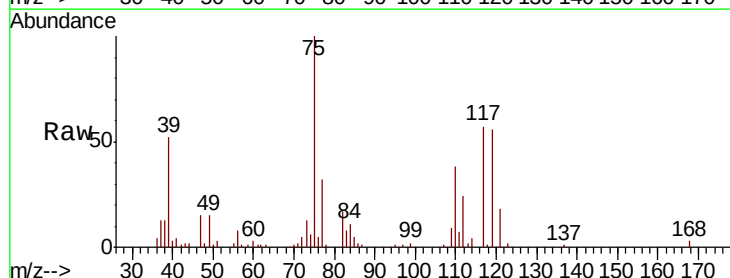
Tgt Ion: 75 Resp: 83626

Ion Ratio Lower Upper

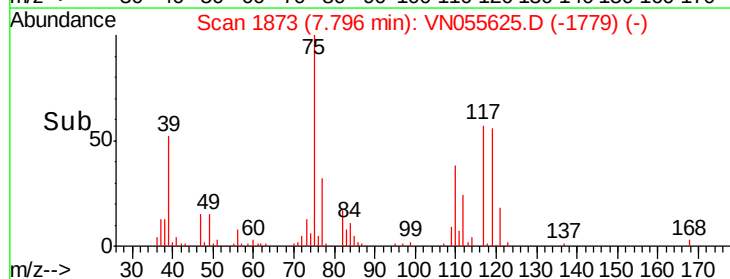
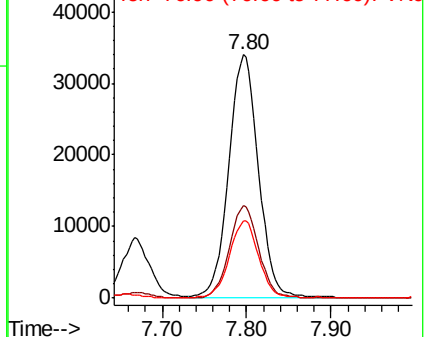
75 100

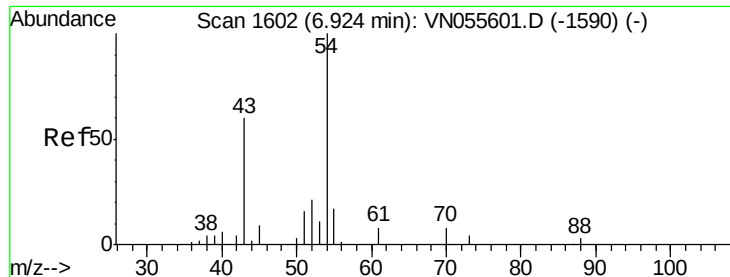
110 37.2 18.6 55.6

77 31.5 24.9 37.3



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

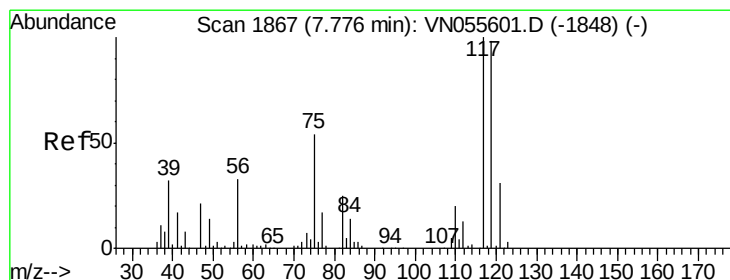
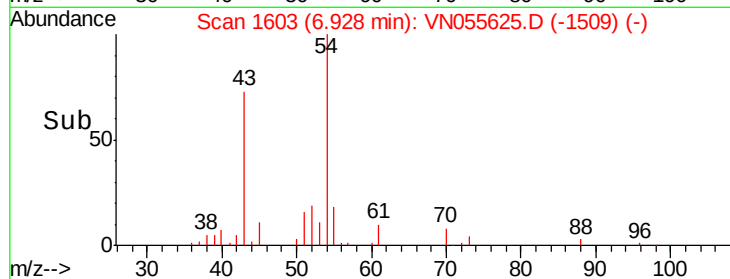
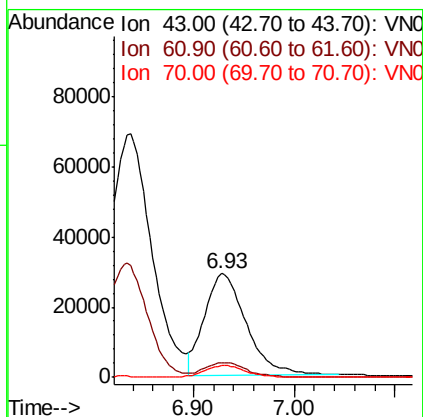
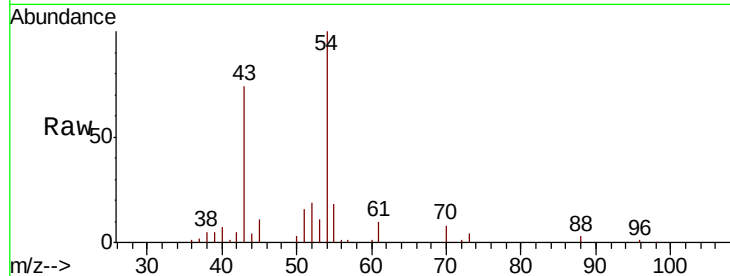




#37
Ethyl Acetate
Concen: 20.891 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

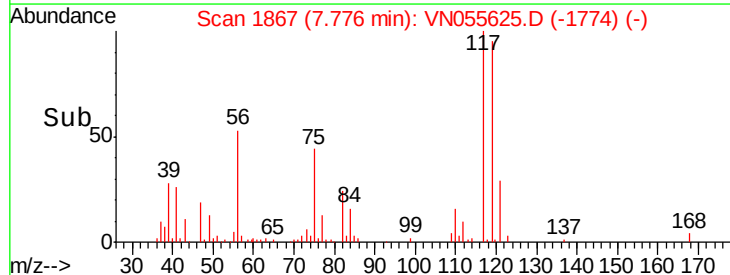
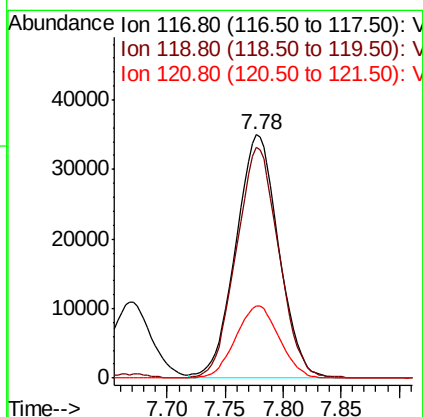
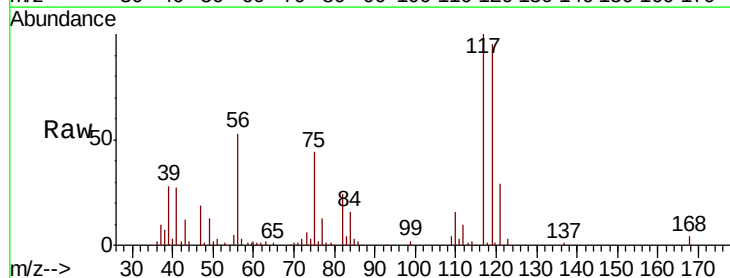
Instrument :
MSVOA_N
ClientSampled :

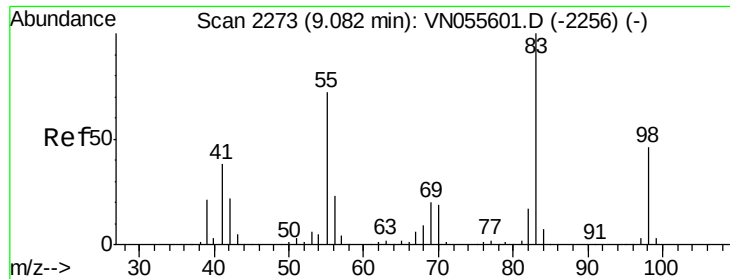
Tot Ion: 43 Resp: 84237
Ion Ratio Lower Upper
43 100
61 15.1 11.4 17.0
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 18.798 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion: 117 Resp: 89762
Ion Ratio Lower Upper
117 100
119 94.6 77.8 116.8
121 29.5 24.6 37.0

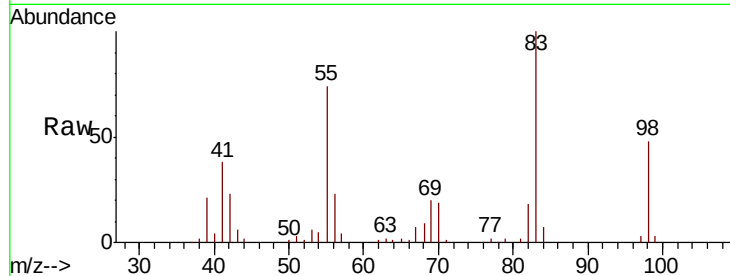




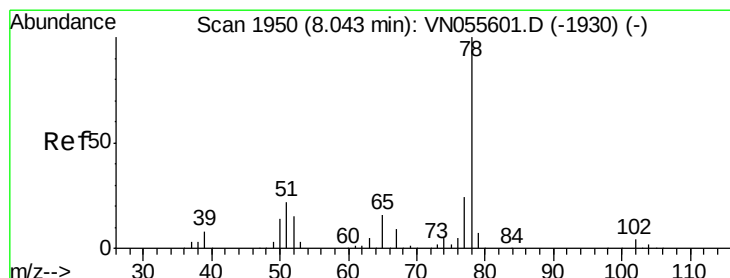
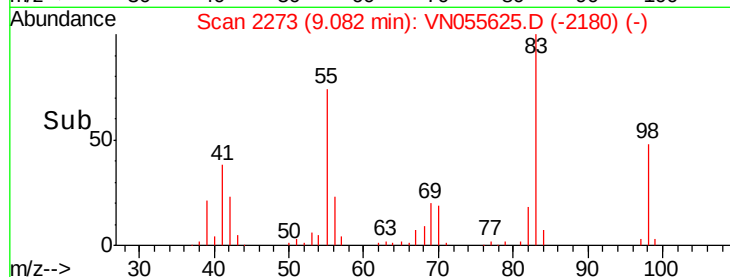
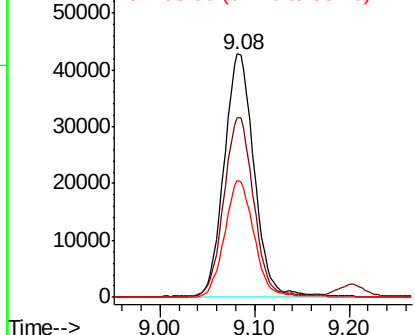
#39
Methylvlcyclohexane
Concen: 17.619 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 94905
Ion Ratio Lower Upper
83 100
55 73.1 57.8 86.6
98 48.1 36.7 55.1

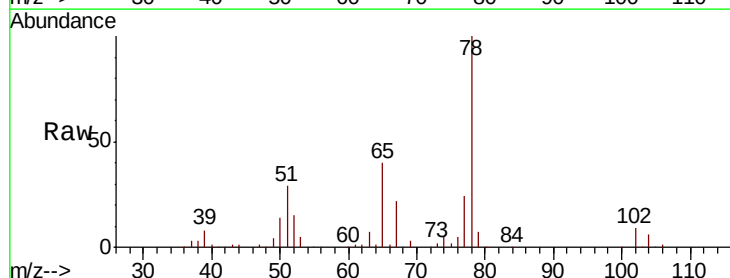


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

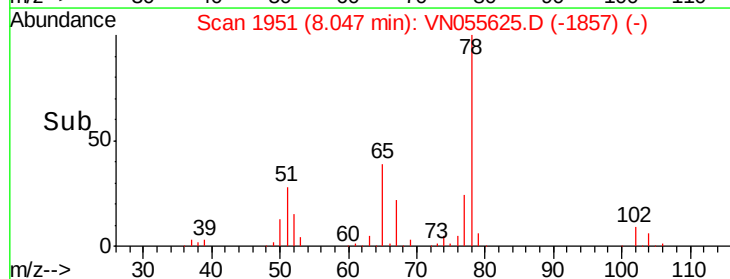
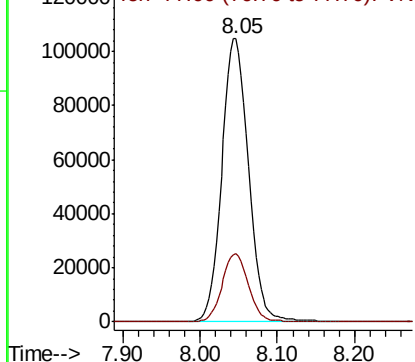


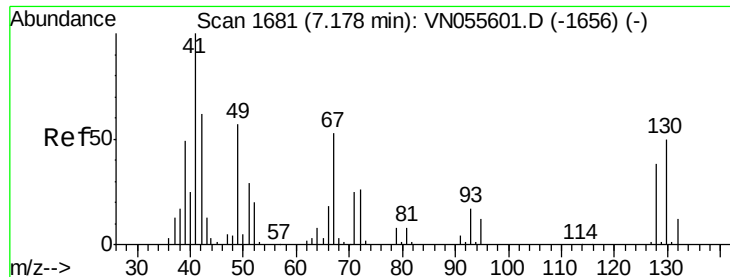
#40
Benzene
Concen: 19.107 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion: 78 Resp: 251129
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3



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

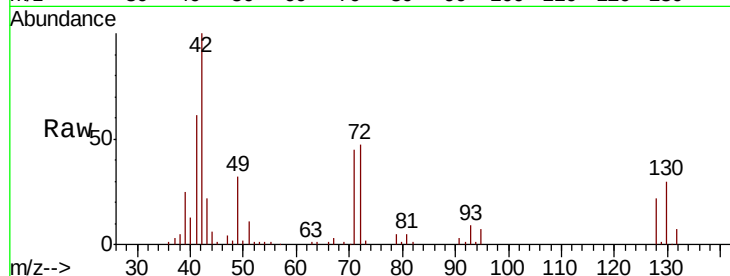




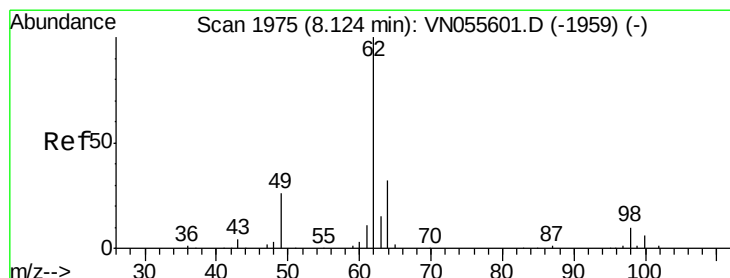
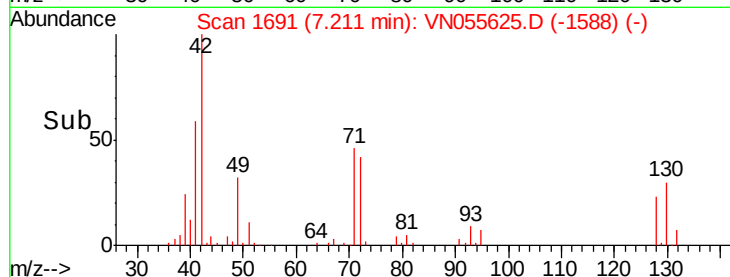
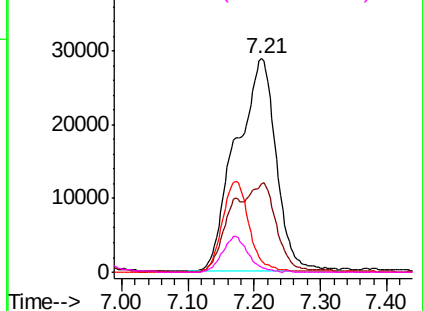
#41
Methacrylonitrile
Concen: 70.517 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.03 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	121567
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

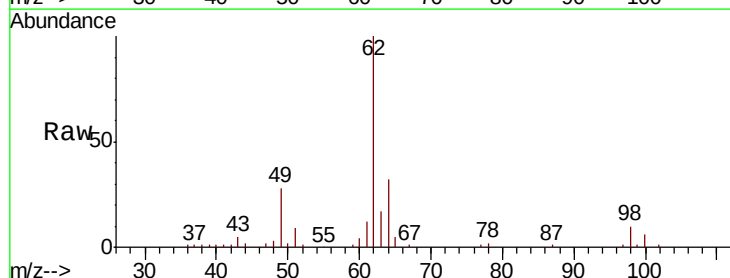


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

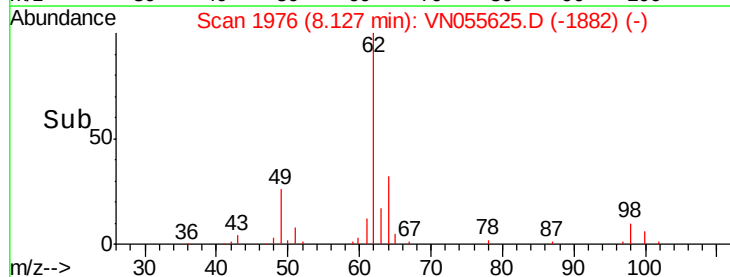
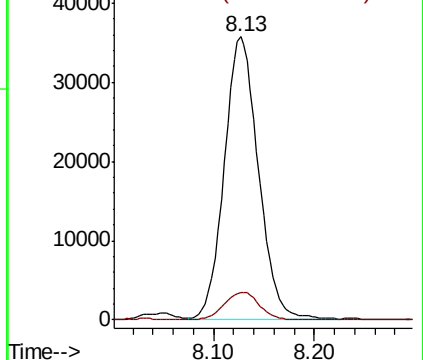


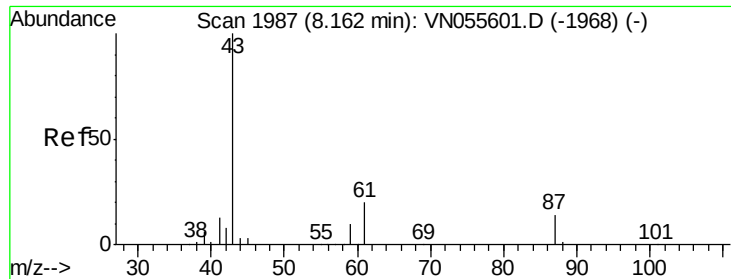
#42
1,2-Dichloroethane
Concen: 19.828 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion:	62	Resp:	84388
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 19.380 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

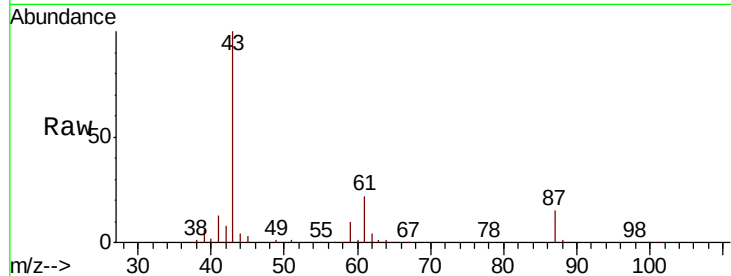
Tot Ion: 43 Resp: 135930

Ion Ratio Lower Upper

43 100

61 28.0 22.1 33.1

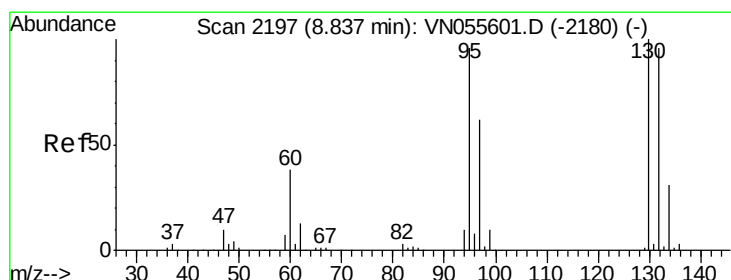
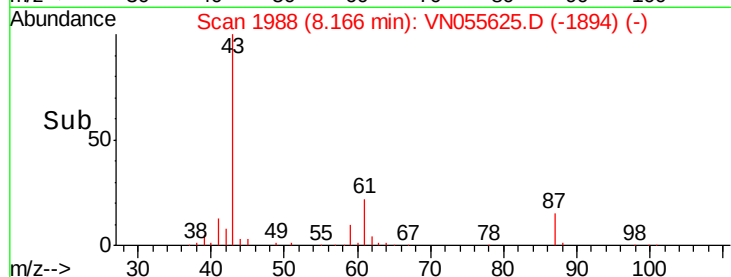
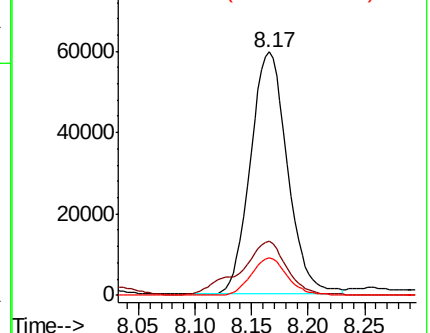
87 15.2 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055601.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055601.D (-1968) (-)



#44

Trichloroethene

Concen: 19.548 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055625.D

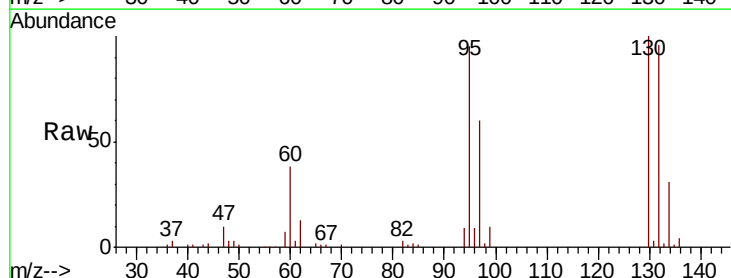
Acq: 17 May 2019 21:05

Tgt Ion:130 Resp: 72497

Ion Ratio Lower Upper

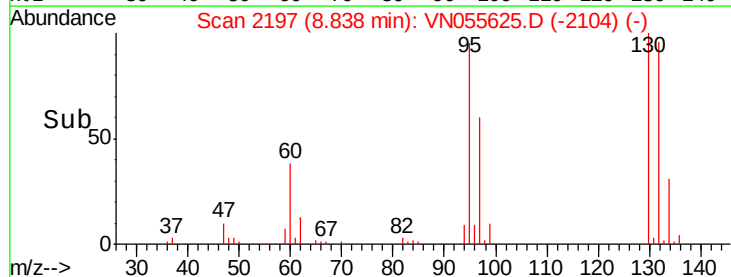
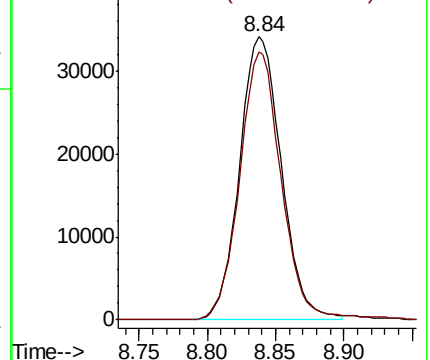
130 100

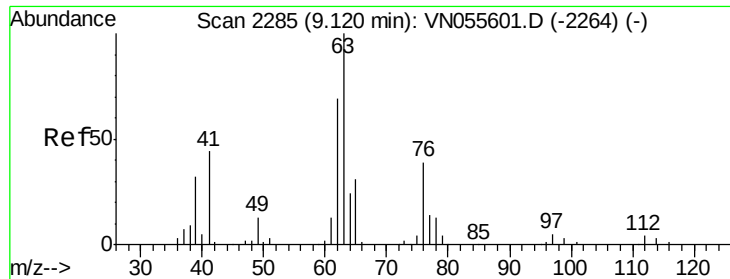
95 94.6 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN055601.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055601.D (-2180) (-)

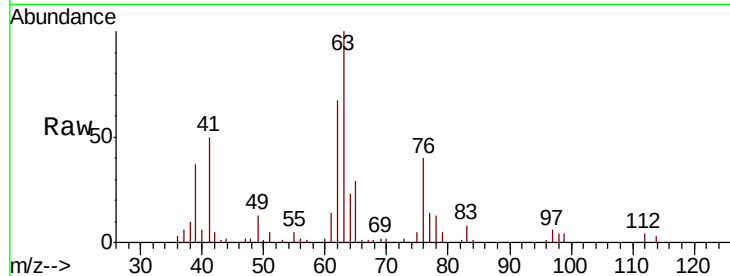




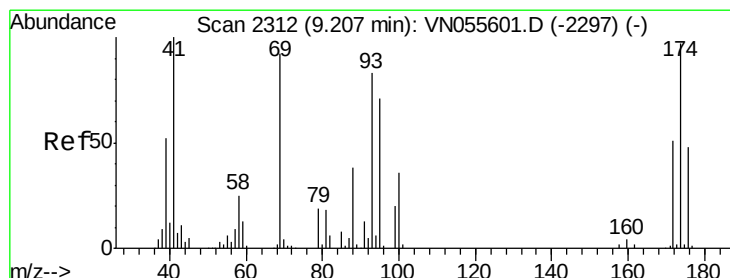
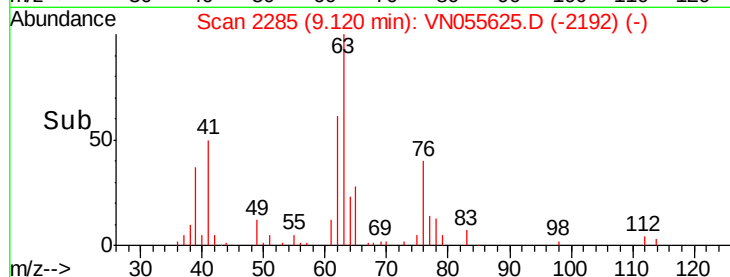
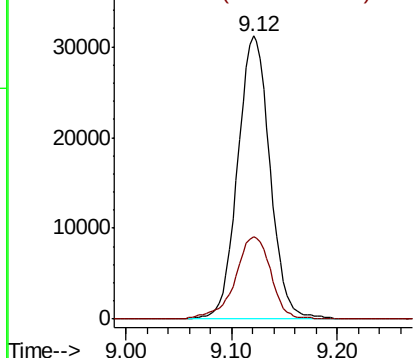
#45
 1,2-Dichloropropane
 Concen: 19.173 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 66385
 Ion Ratio Lower Upper
 63 100
 65 29.1 25.2 37.8

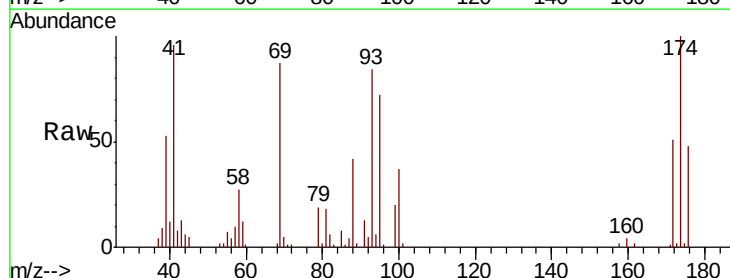


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 64.90 (64.60 to 65.60): VN0

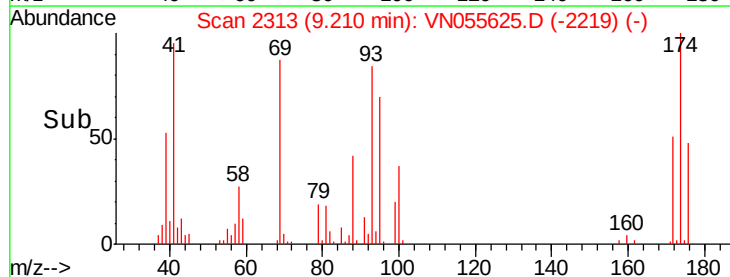
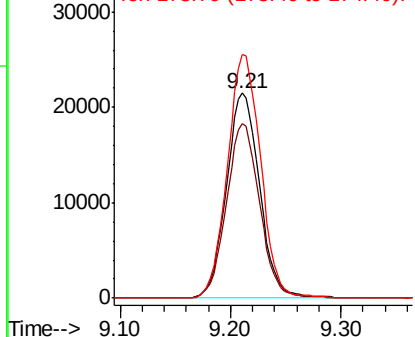


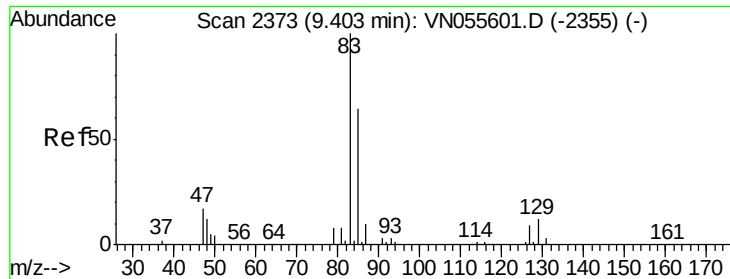
#46
 Dibromomethane
 Concen: 19.814 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Tgt Ion: 93 Resp: 44902
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.9 101.9
 174 118.7 93.8 140.6



Abundance Ion 92.80 (92.50 to 93.50): VN0
 Ion 94.80 (94.50 to 95.50): VN0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.987 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

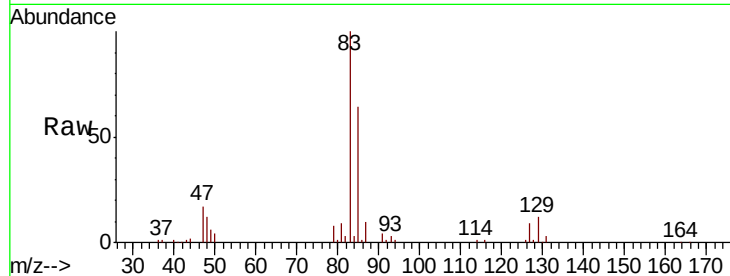
Tot Ion: 83 Resp: 90181

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.0

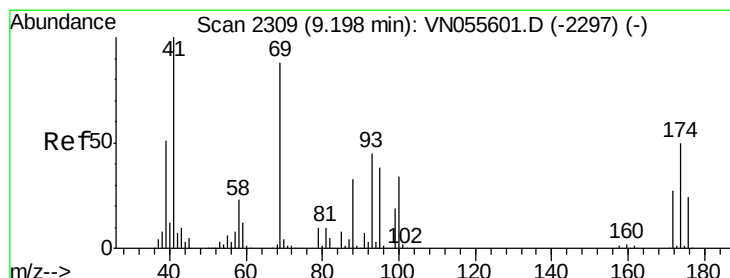
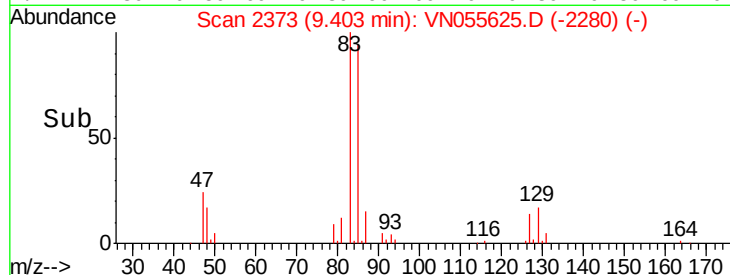
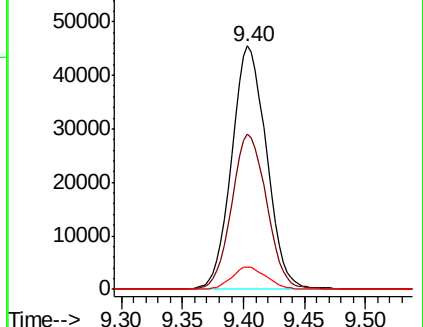
127 9.3 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN055601.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN055601.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN055601.D (-2355) (-)



#48

Methyl methacrylate

Concen: 19.142 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

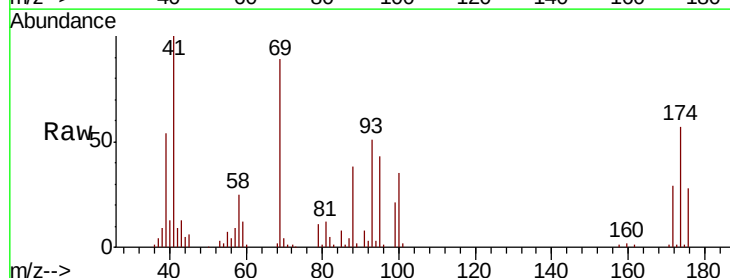
Tgt Ion: 41 Resp: 60010

Ion Ratio Lower Upper

41 100

69 99.2 74.2 111.2

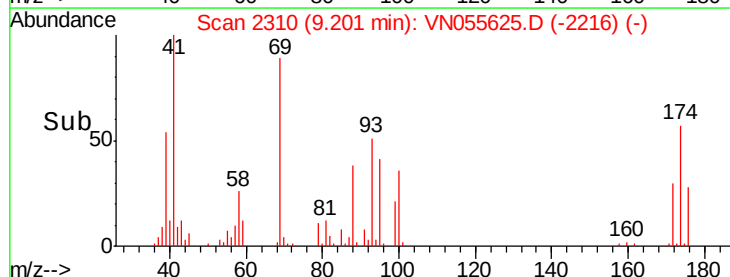
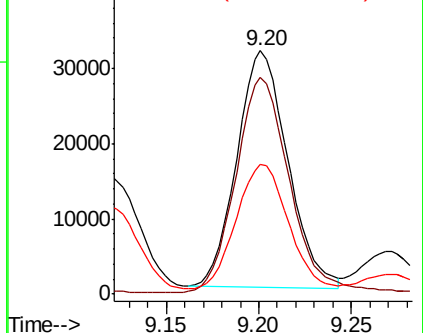
39 58.9 43.8 65.8

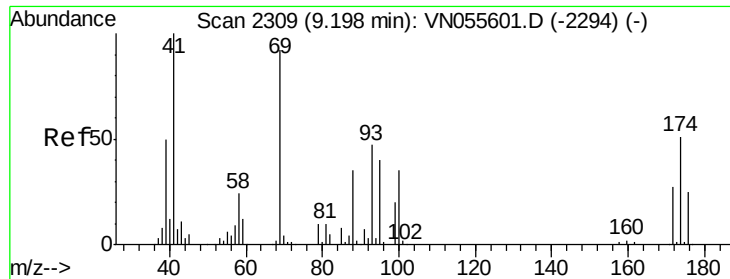


Abundance Ion 41.00 (40.70 to 41.70): VN055601.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055601.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055601.D (-2297) (-)

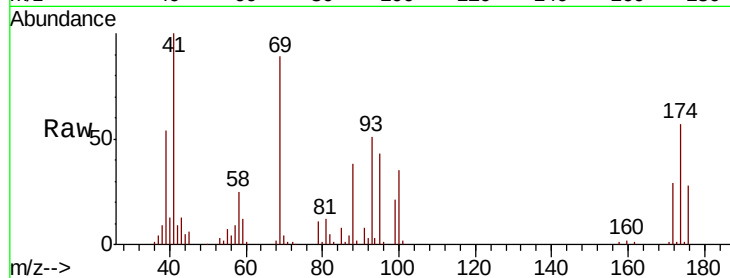




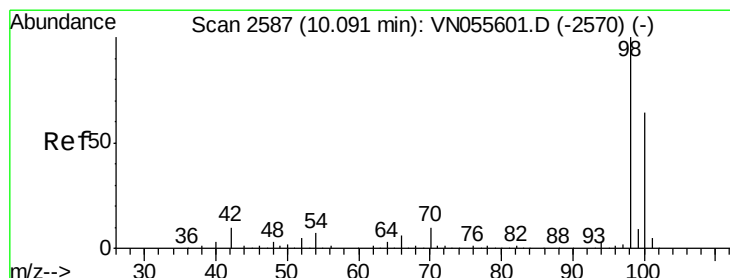
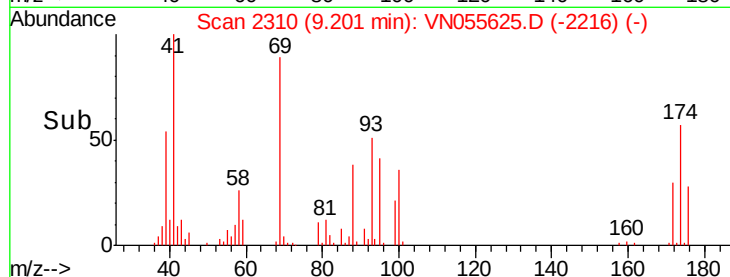
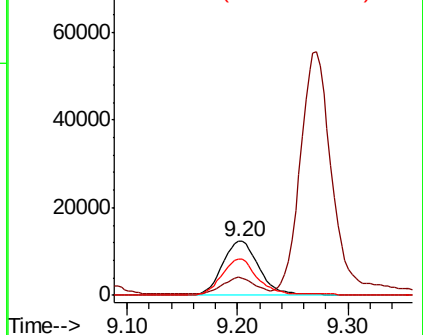
#49
 1,4-Dioxane
 Concen: 457.801 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 28519
 Ion Ratio Lower Upper
 88 100
 43 27.4 22.4 33.6
 58 65.1 53.4 80.2

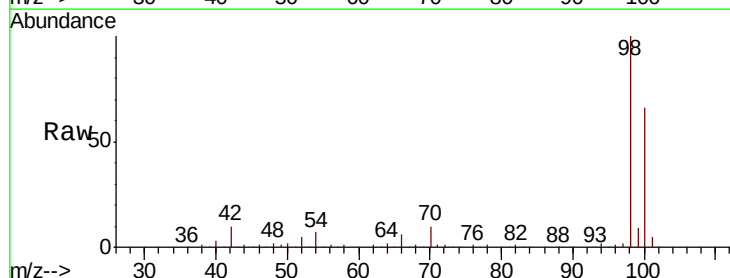


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

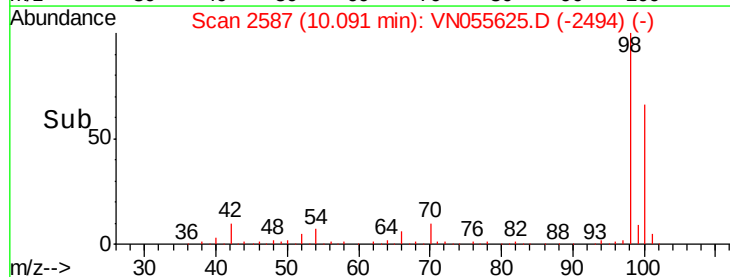
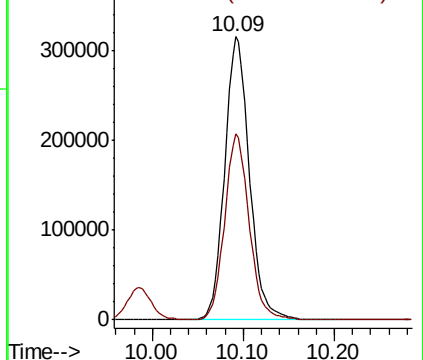


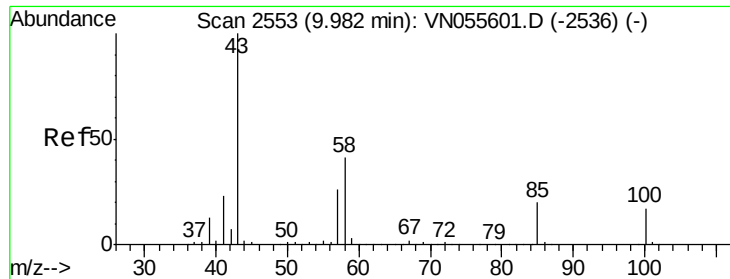
#50
 Toluene-d8
 Concen: 49.455 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Tgt Ion: 98 Resp: 595360
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 98.574 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

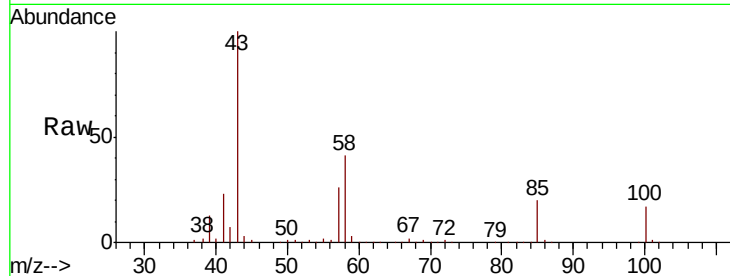
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 405565

Ion Ratio Lower Upper

43 100

58 41.0 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)

9.99

200000

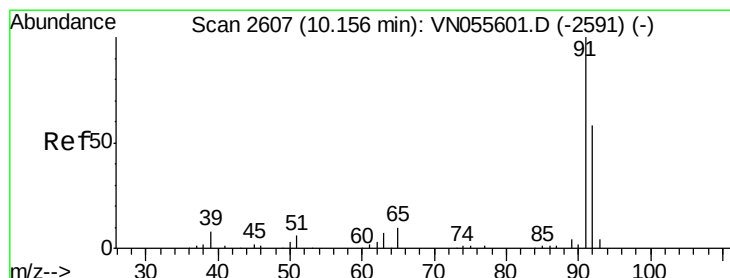
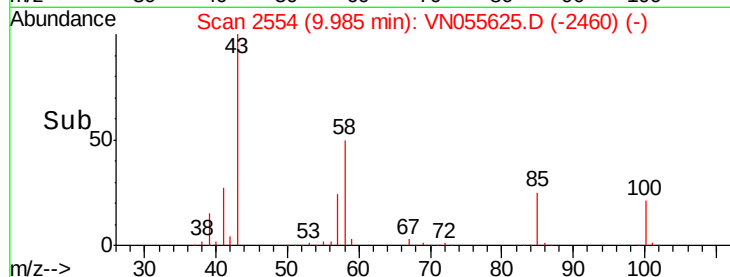
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.108 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055625.D

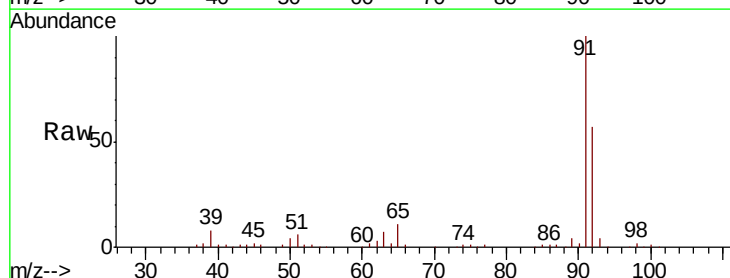
Acq: 17 May 2019 21:05

Tgt Ion: 92 Resp: 157518

Ion Ratio Lower Upper

92 100

91 173.0 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055601.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055601.D (-2591) (-)

10.16

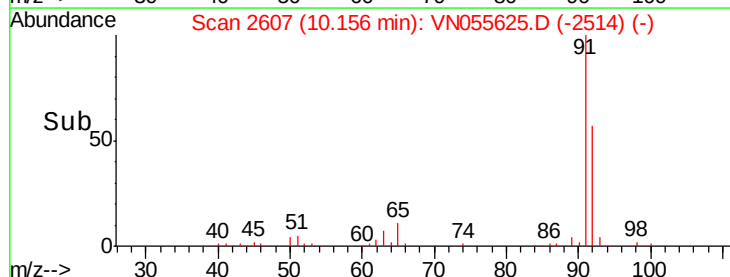
150000

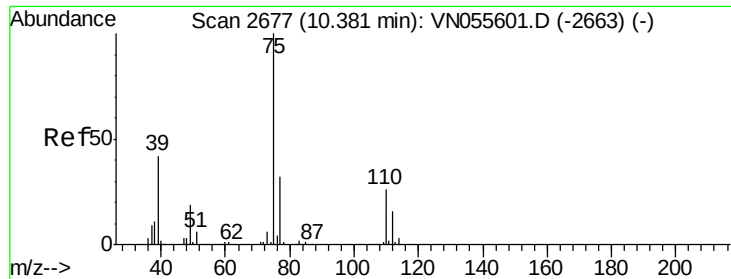
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.167 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

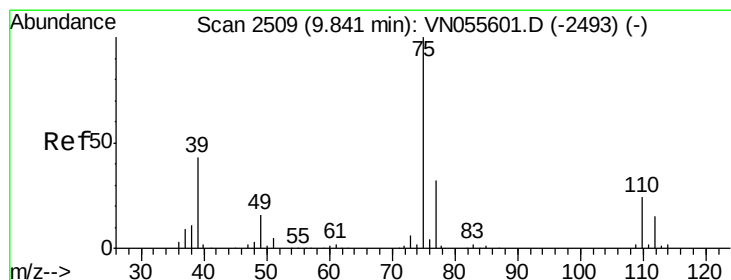
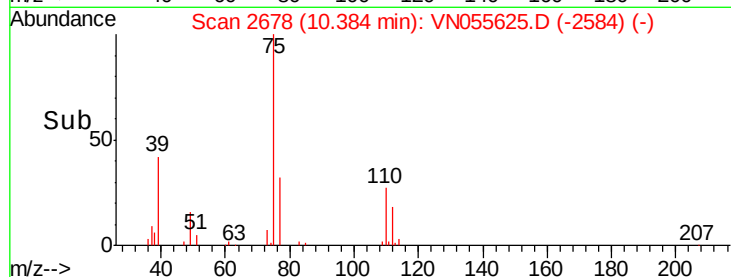
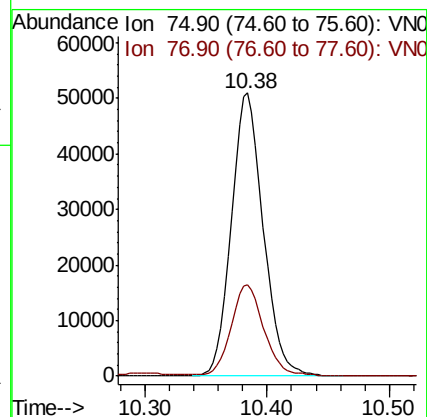
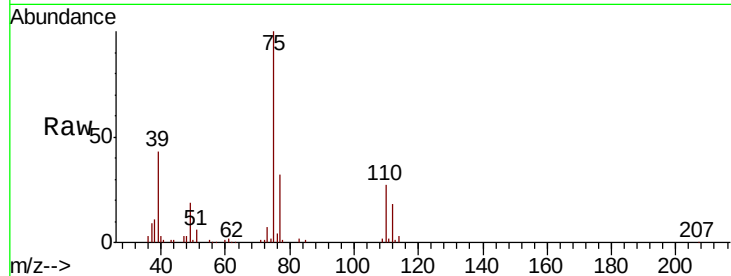
ClientSampled :

Tot Ion: 75 Resp: 92867

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.470 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

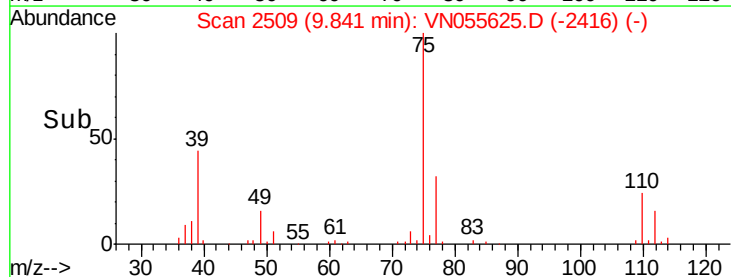
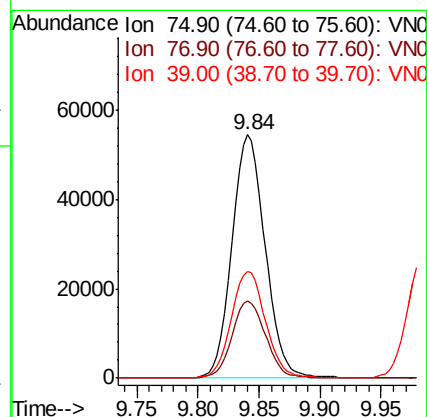
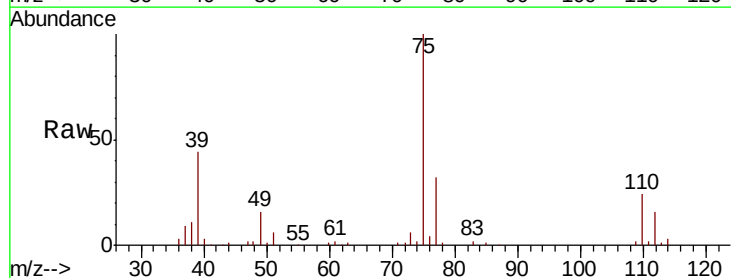
Tgt Ion: 75 Resp: 103432

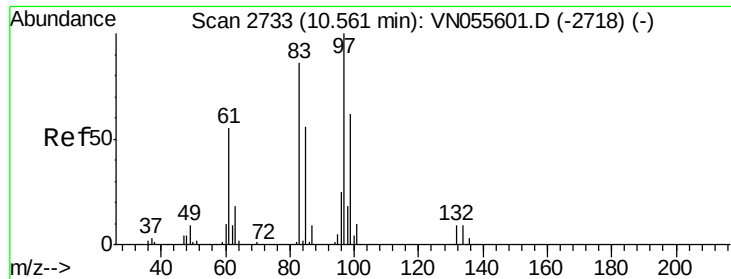
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

39 43.5 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 18.978 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 64407

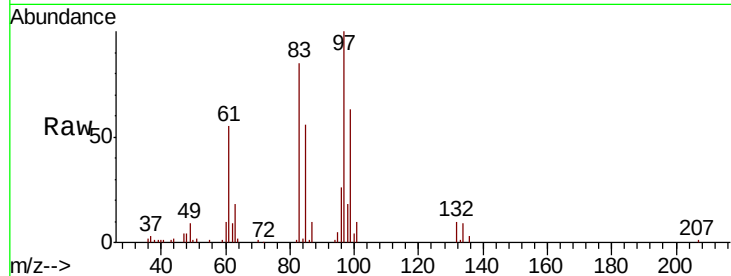
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.4	102.6
85	55.6	44.8	67.2
99	63.1	49.9	74.9

97 100

83 85.0 68.4 102.6

85 55.6 44.8 67.2

99 63.1 49.9 74.9



Abundance

Ion 96.90 (96.60 to 97.60): VN0

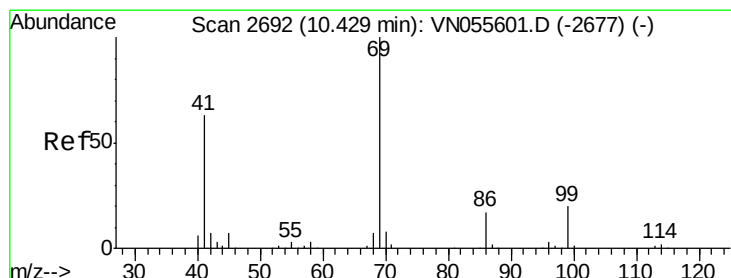
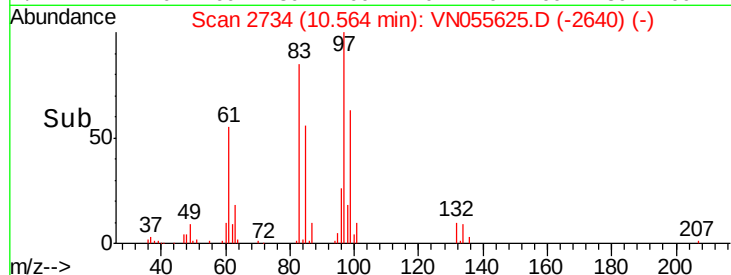
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.56

Time-->



#56

Ethyl methacrylate

Concen: 18.649 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

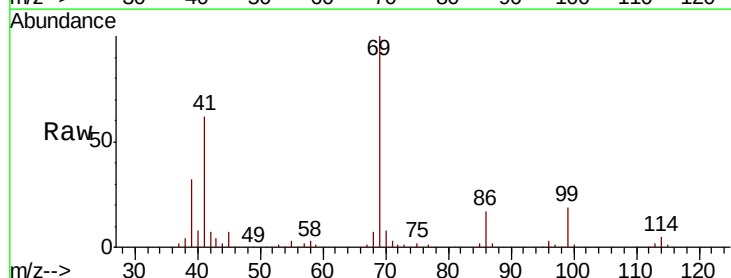
Tgt Ion: 69 Resp: 98799

Ion	Ratio	Lower	Upper
69	100		
41	62.5	50.3	75.5
39	33.1	25.4	38.2

69 100

41 62.5 50.3 75.5

39 33.1 25.4 38.2



Abundance

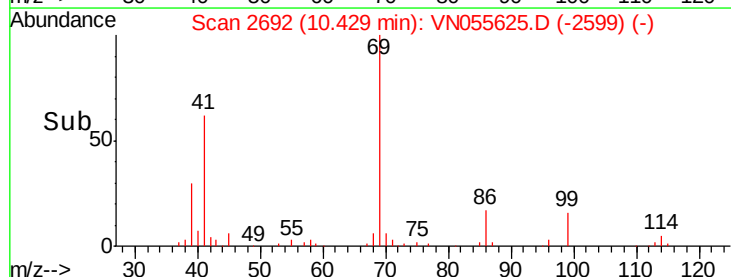
Ion 69.00 (68.70 to 69.70): VN0

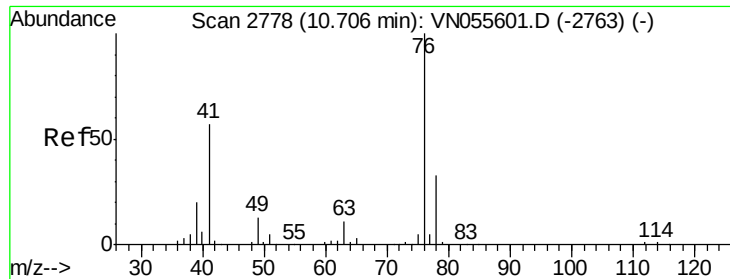
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

10.43

Time-->

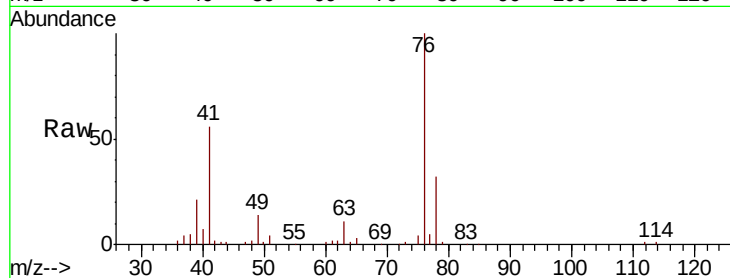




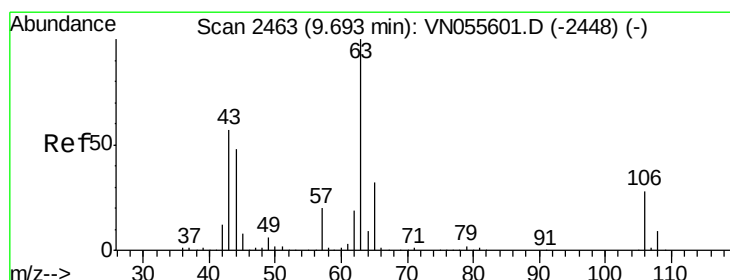
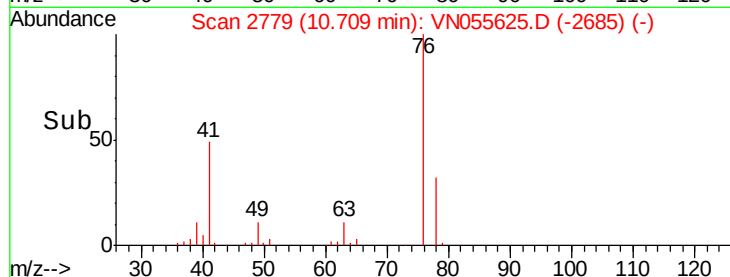
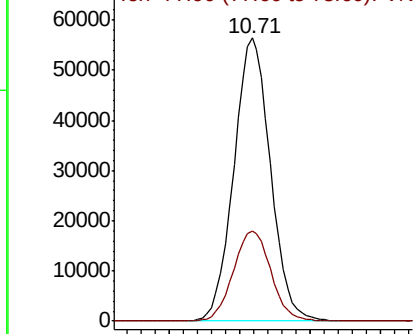
#57
 1,3-Dichloropropane
 Concen: 19.062 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 76 Resp: 102456
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.5 39.7

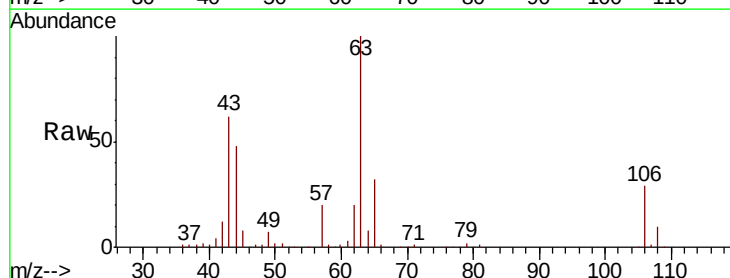


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

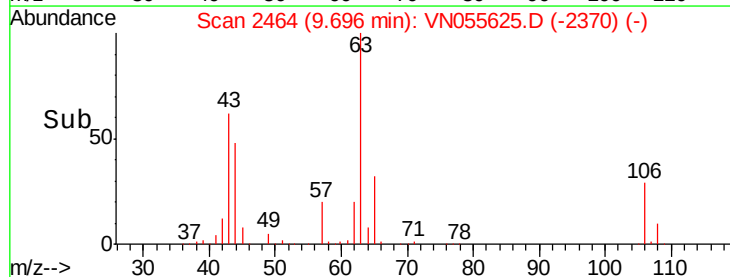
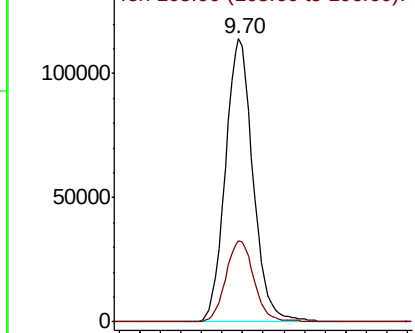


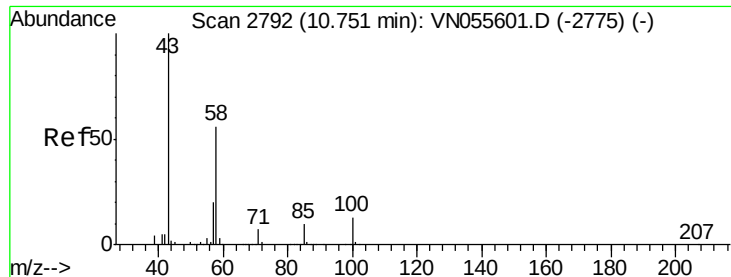
#58
 2-Chloroethyl Vinyl ether
 Concen: 94.642 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Tgt Ion: 63 Resp: 213039
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V

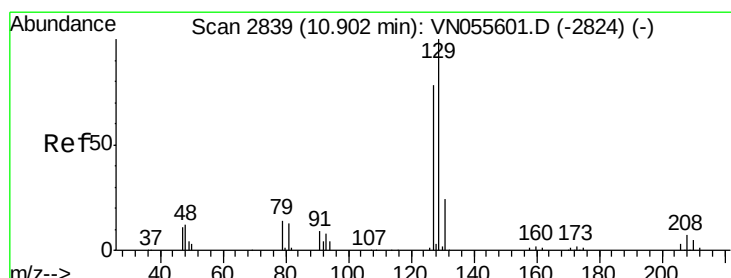
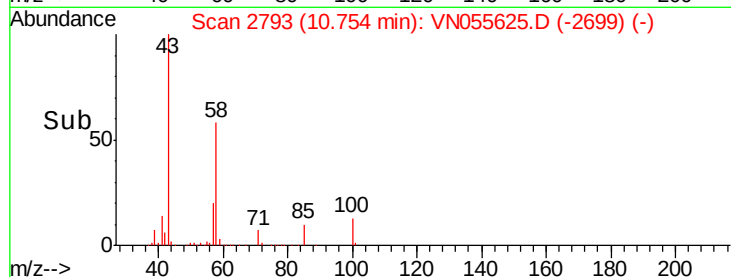
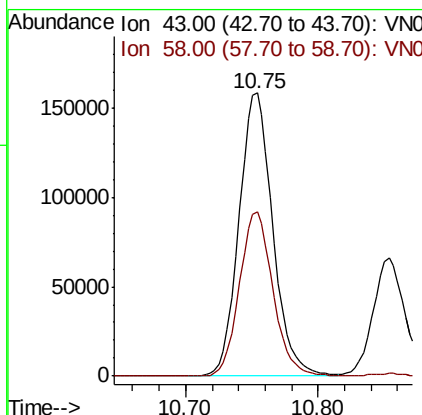
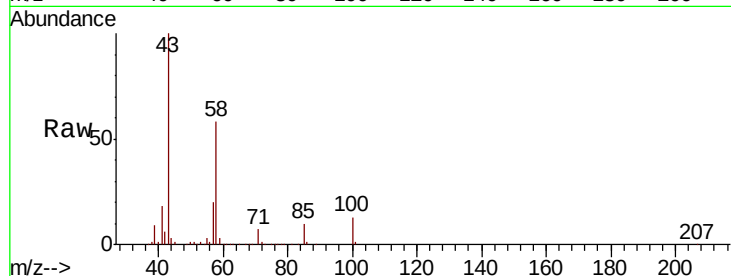




#59
2-Hexanone
Concen: 96.272 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

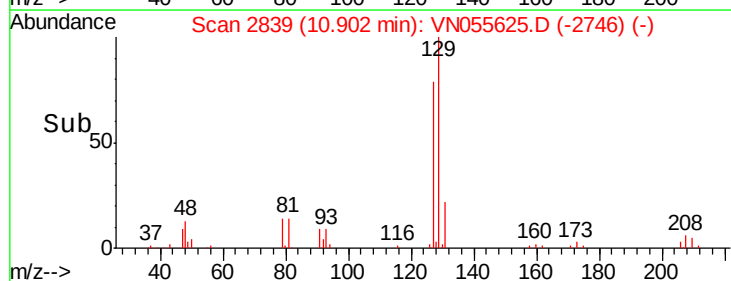
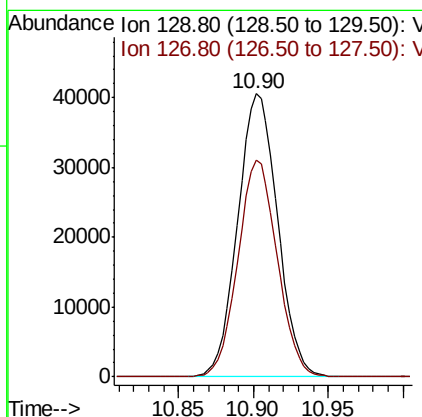
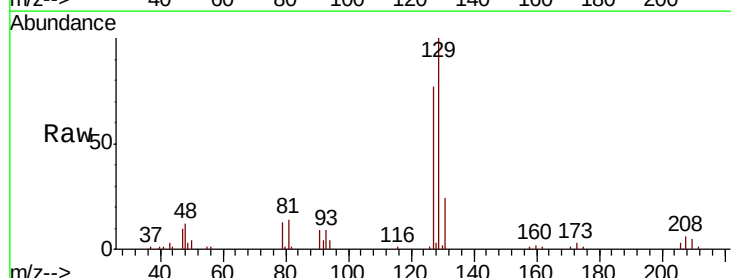
Instrument :
MSVOA_N
ClientSampleId :

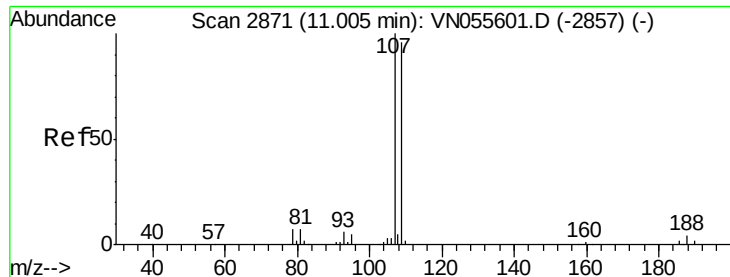
Tot Ion: 43 Resp: 278871
Ion Ratio Lower Upper
43 100
58 57.8 28.1 84.4



#60
Dibromochloromethane
Concen: 19.584 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion: 129 Resp: 75327
Ion Ratio Lower Upper
129 100
127 75.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.512 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

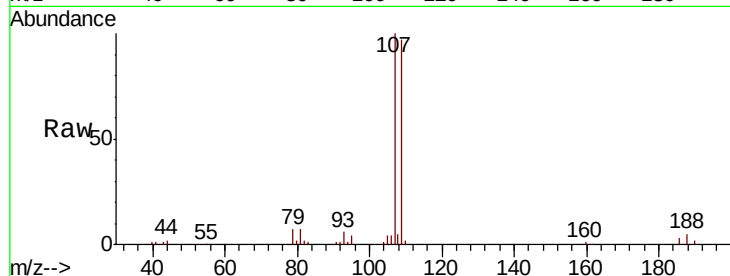
ClientSampleId :

Tot Ion:107 Resp: 66257

Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

40000

30000

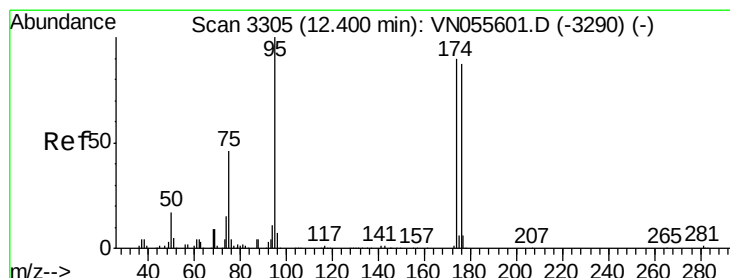
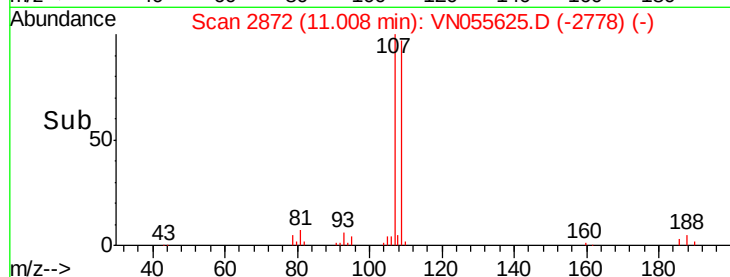
20000

10000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 48.476 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

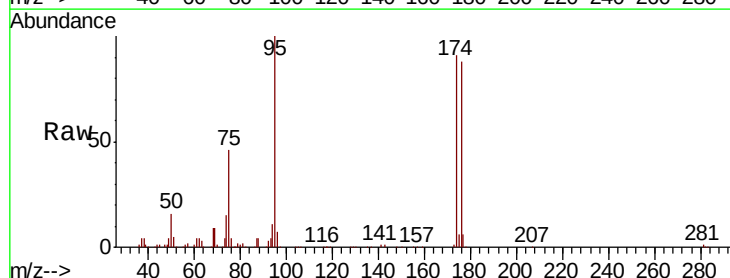
Tgt Ion: 95 Resp: 201515

Ion Ratio Lower Upper

95 100

174 92.6 0.0 180.6

176 90.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

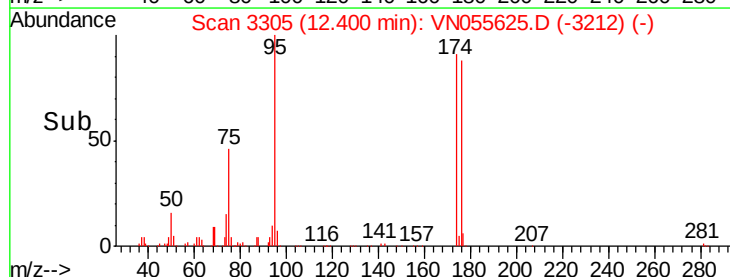
100000

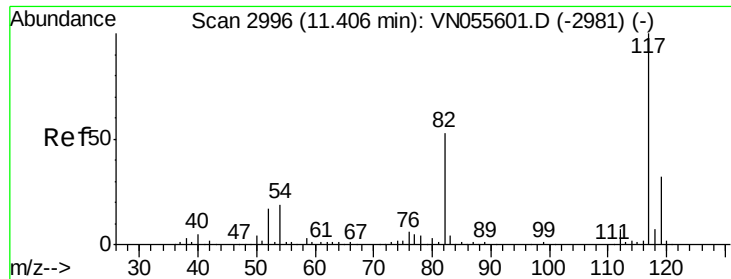
50000

0

Time-->

12.35 12.40 12.45

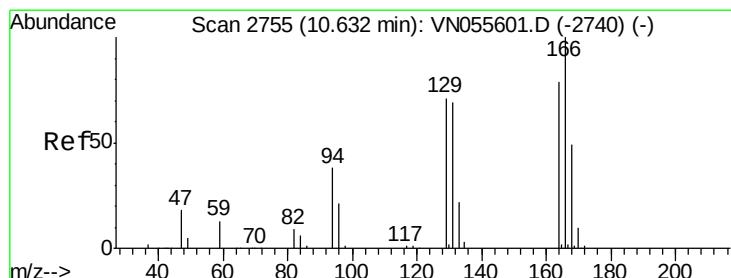
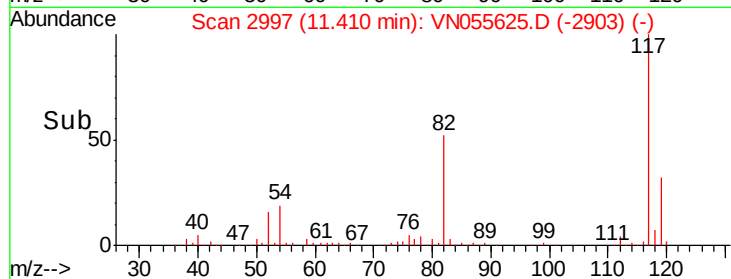
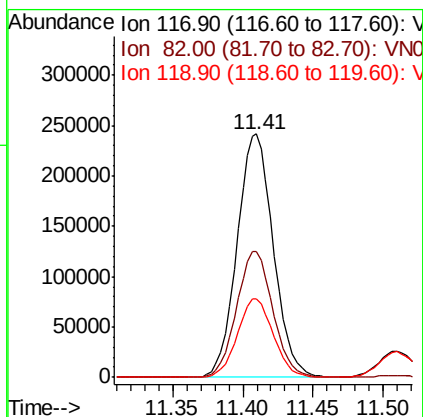
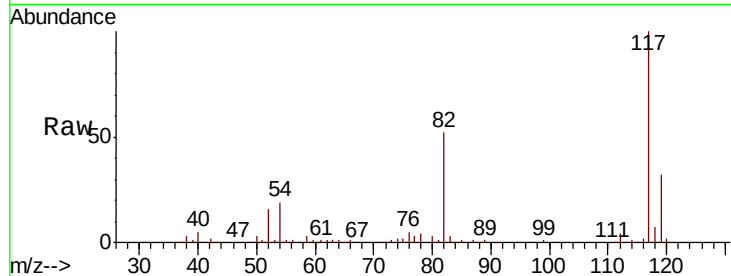




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

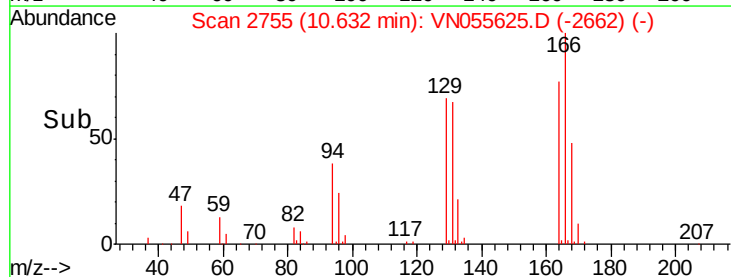
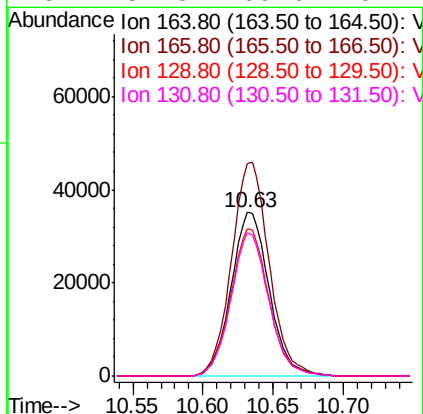
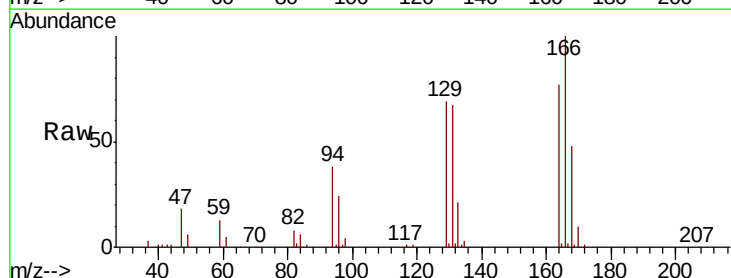
Instrument :
MSVOA_N
ClientSampled :

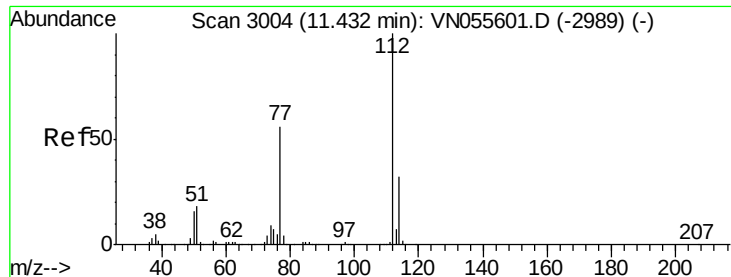
Tot Ion:117 Resp: 434088
Ion Ratio Lower Upper
117 100
82 51.9 42.3 63.5
119 32.4 25.4 38.2



#64
Tetrachloroethene
Concen: 19.359 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion:164 Resp: 66282
Ion Ratio Lower Upper
164 100
166 130.2 101.0 151.6
129 90.2 71.7 107.5
131 87.3 69.6 104.4

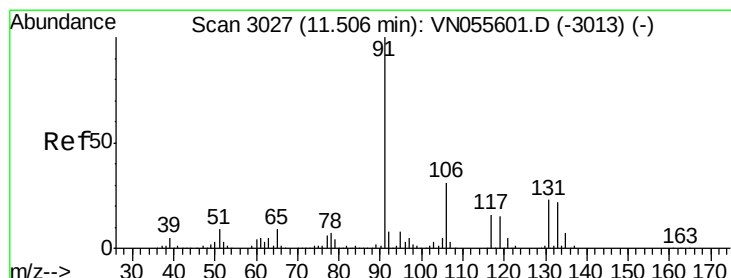
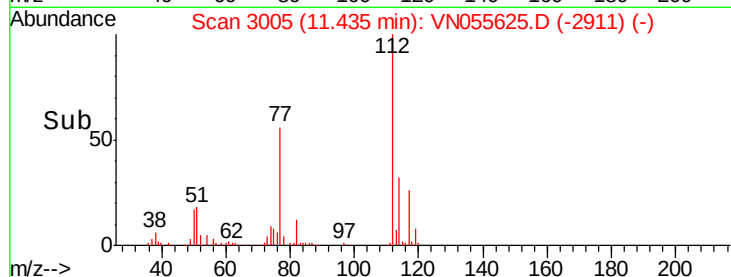
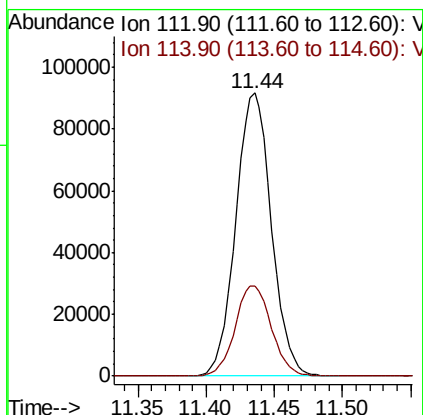
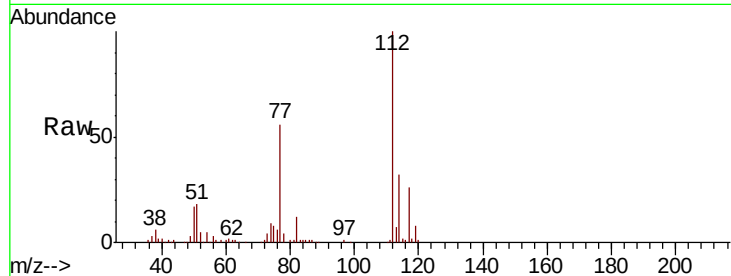




#65
Chlorobenzene
Concen: 18.900 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

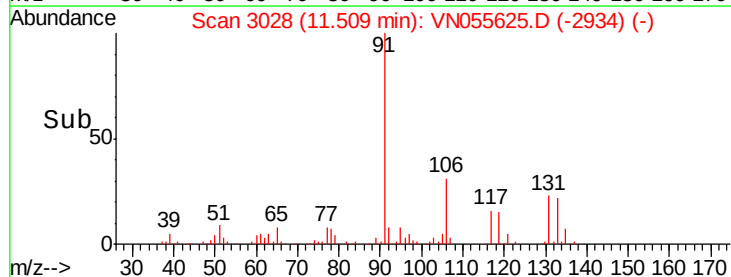
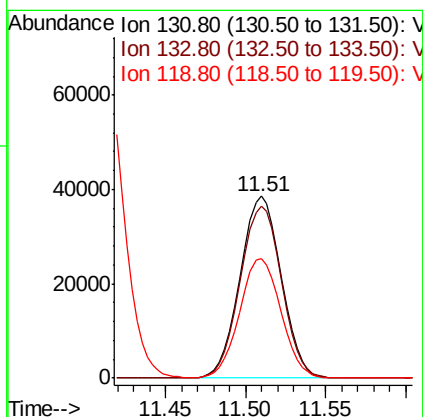
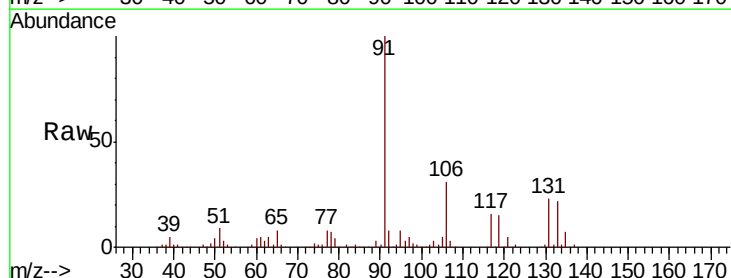
Instrument :
MSVOA_N
ClientSampled :

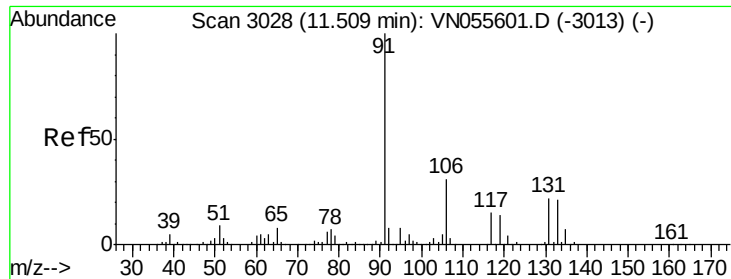
Tot Ion:112 Resp: 165936
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.198 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion:131 Resp: 67810
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 65.8 33.3 99.8

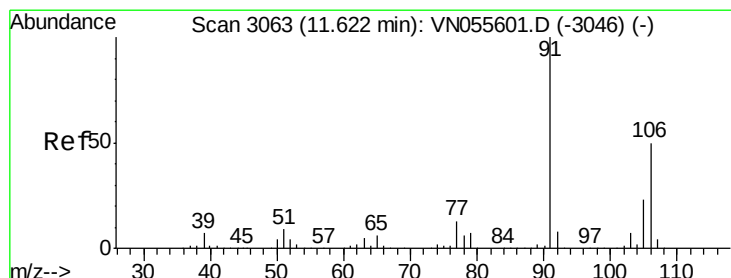
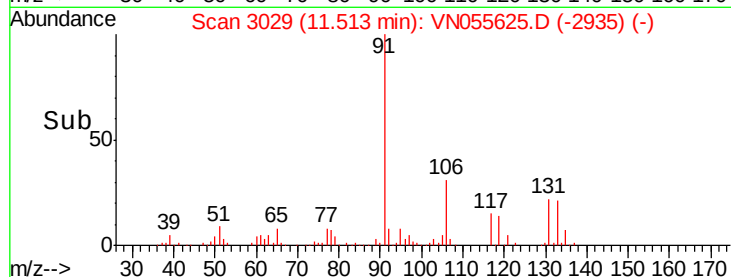
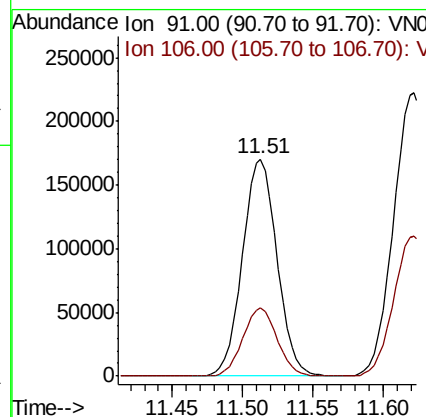
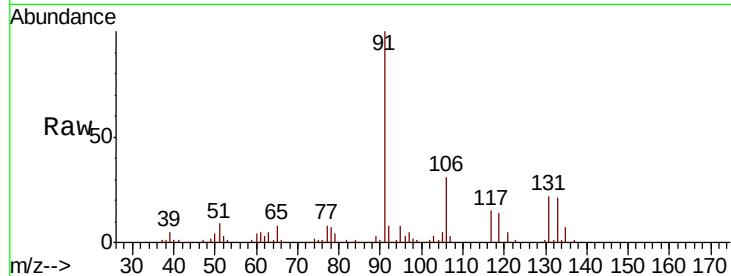




#67
Ethyl Benzene
Concen: 18.724 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

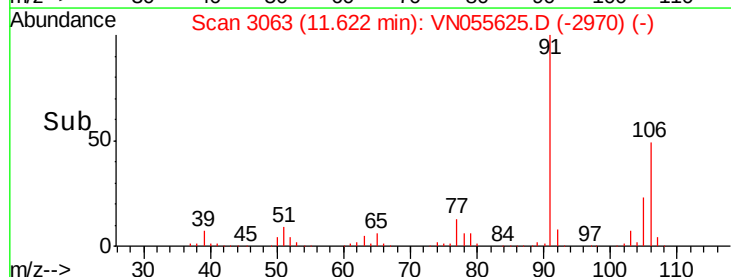
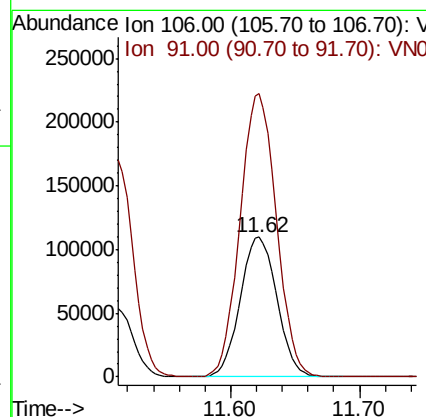
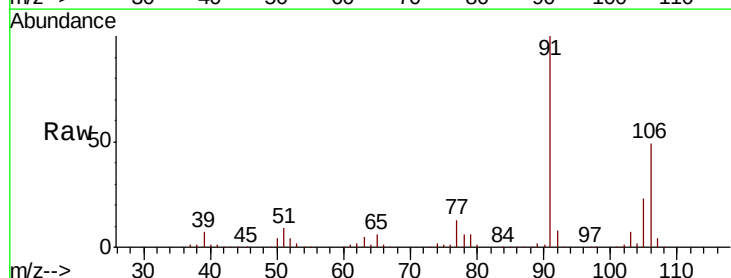
Instrument :
MSVOA_N
ClientSampled :

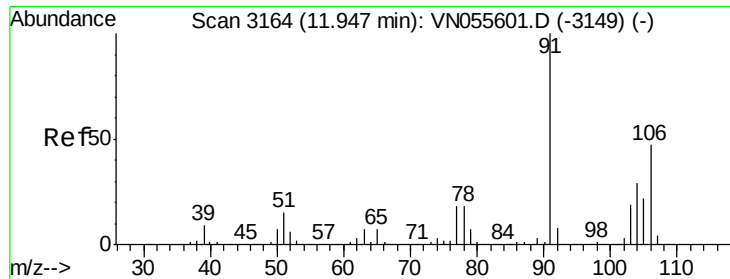
Tot Ion: 91 Resp: 292863
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 36.822 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion: 106 Resp: 217489
Ion Ratio Lower Upper
106 100
91 200.6 160.5 240.7

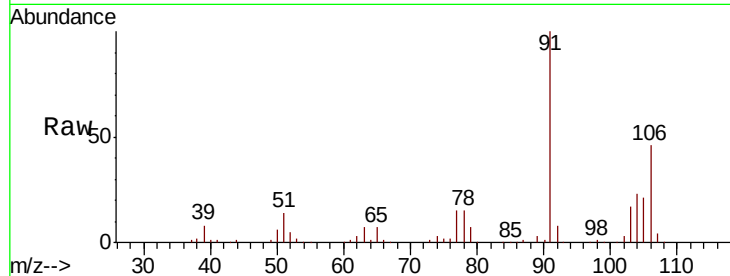




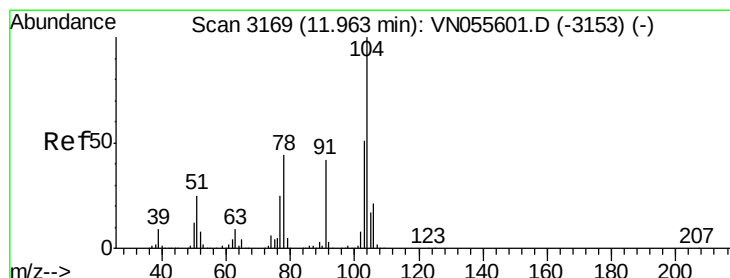
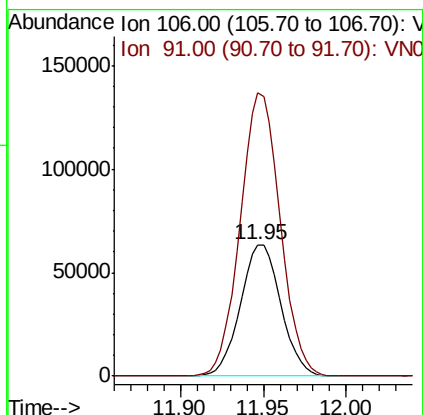
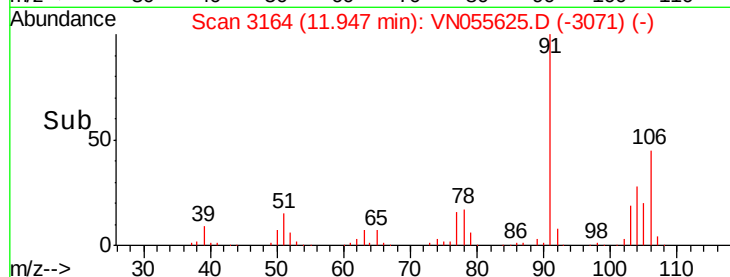
#69
o-Xylene
Concen: 18.598 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 107441
Ion Ratio Lower Upper
106 100
91 213.3 106.7 320.2

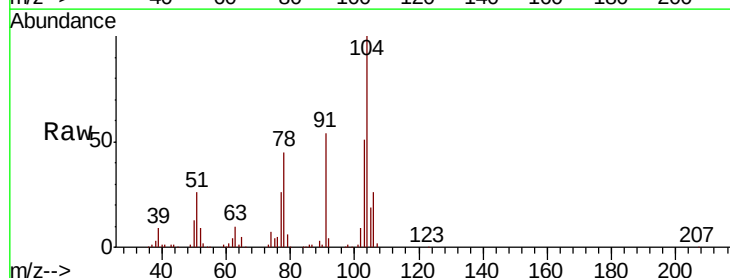


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

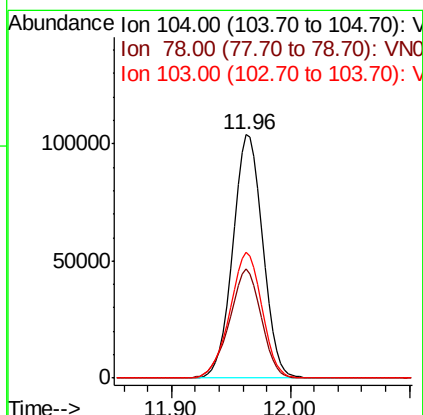
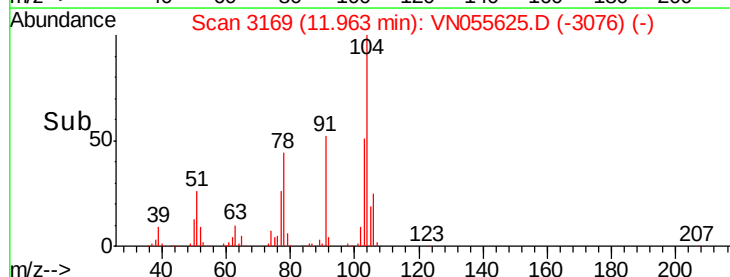


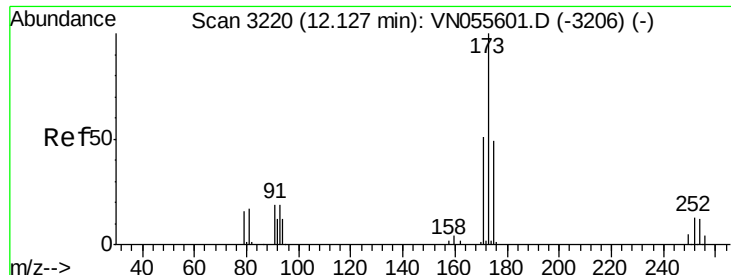
#70
Styrene
Concen: 18.843 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055625.D
Acq: 17 May 2019 21:05

Tgt Ion:104 Resp: 180998
Ion Ratio Lower Upper
104 100
78 47.4 38.6 58.0
103 55.3 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.393 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

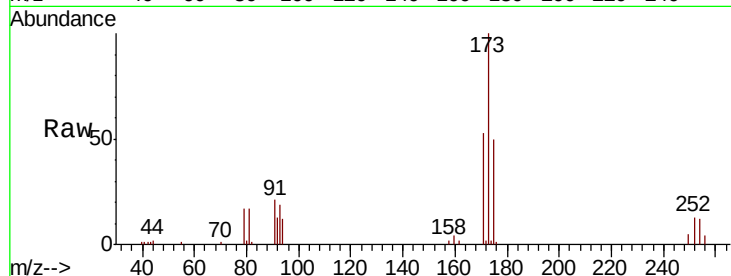
Tot Ion:173 Resp: 58048

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.9

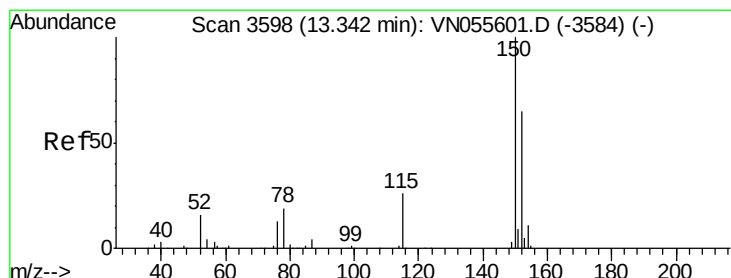
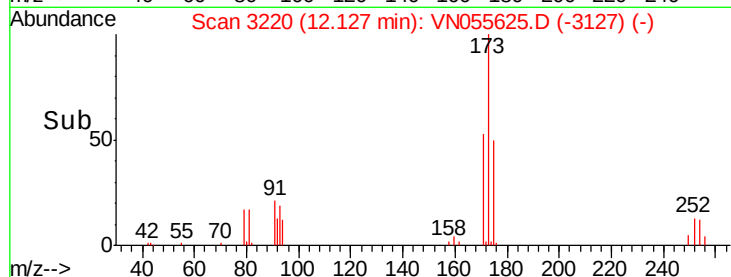
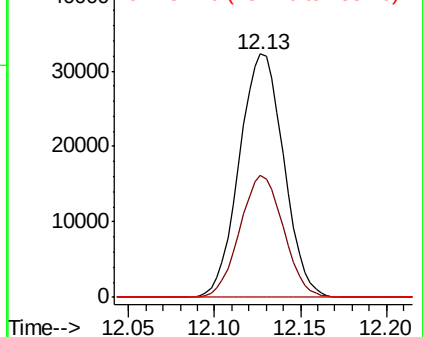
254 0.0 0.1 0.1#



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: VN055625.D

Acq: 17 May 2019 21:05

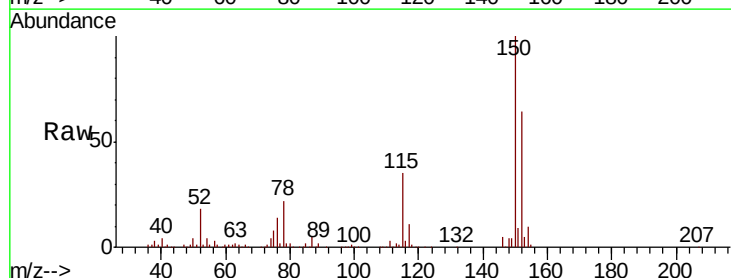
Tgt Ion:152 Resp: 188967

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

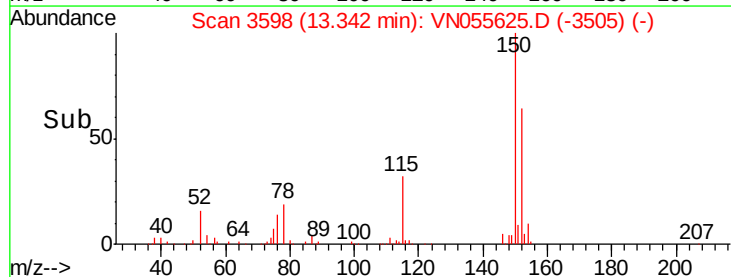
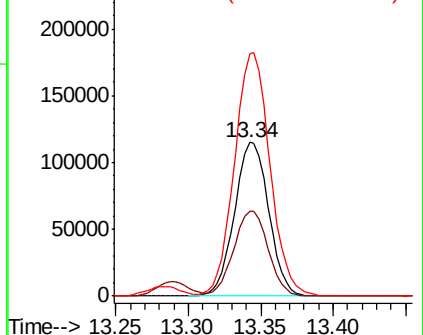
150 164.2 0.0 348.0

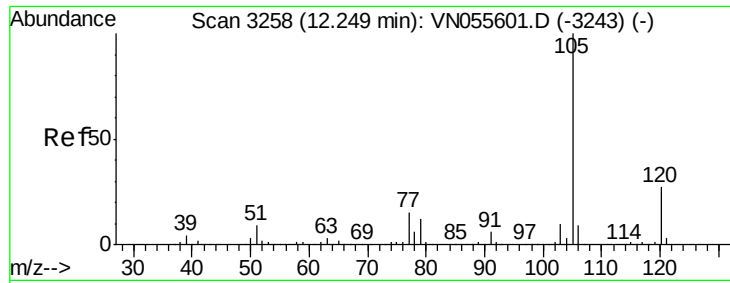


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.335 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

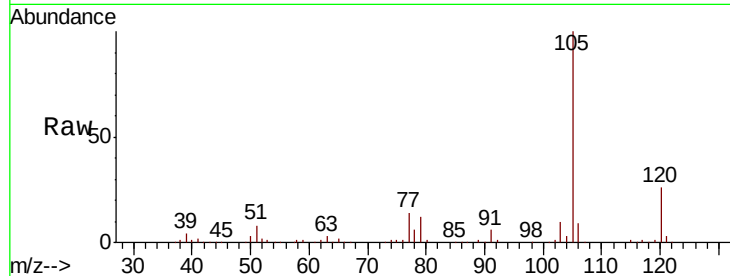
ClientSampleId :

Tot Ion:105 Resp: 288609

Ion Ratio Lower Upper

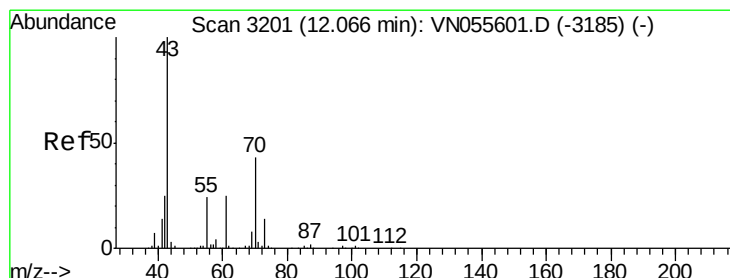
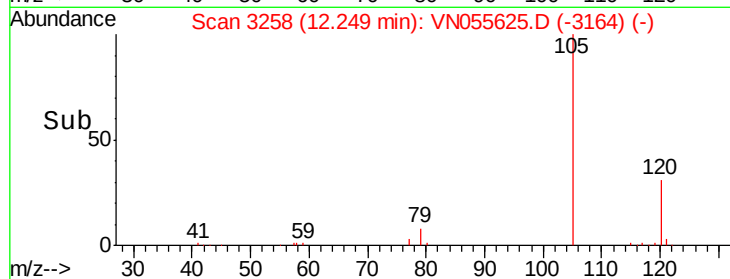
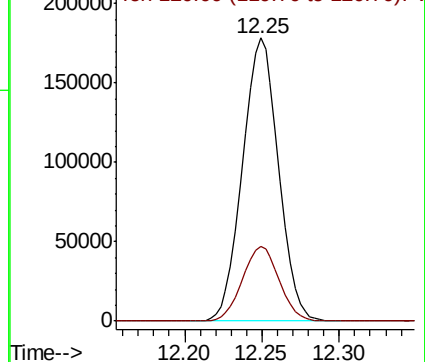
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.201 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Tgt Ion: 43 Resp: 101883

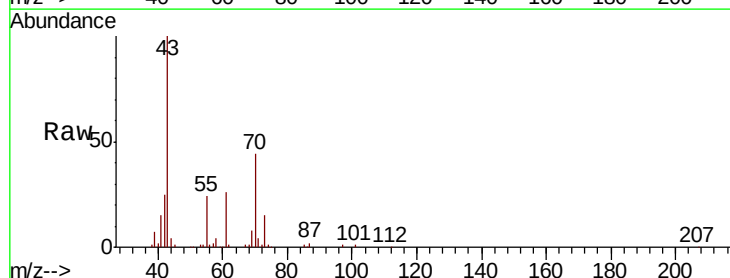
Ion Ratio Lower Upper

43 100

70 43.6 35.0 52.6

55 24.4 18.9 28.3

61 25.2 20.1 30.1

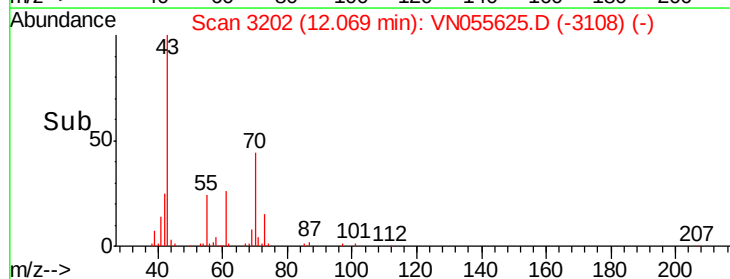
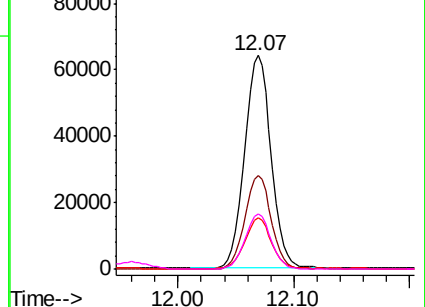


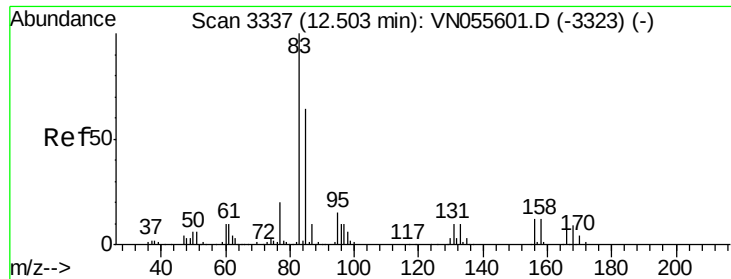
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.411 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

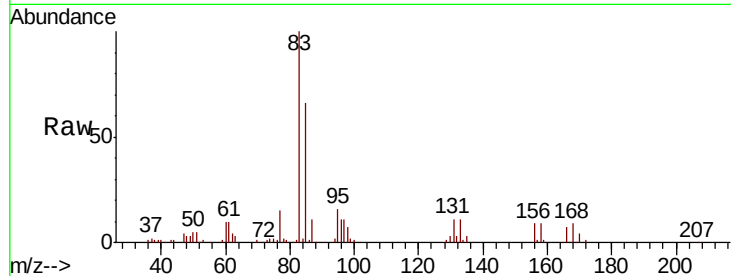
Tot Ion: 83 Resp: 89469

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

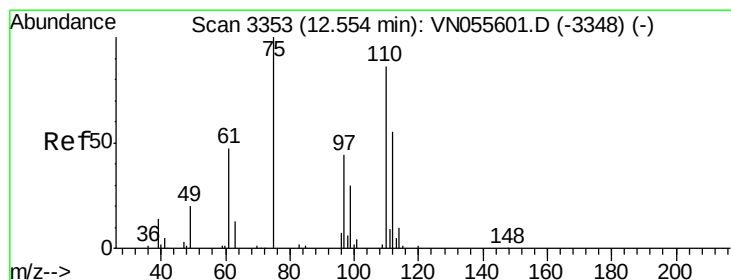
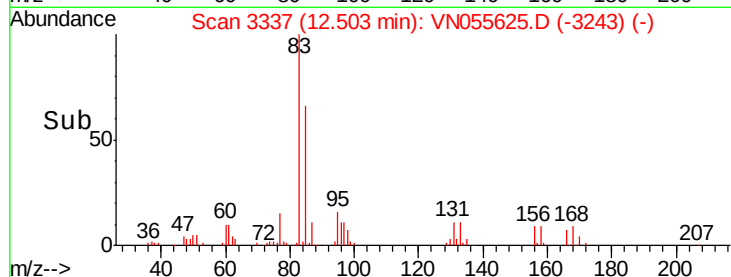
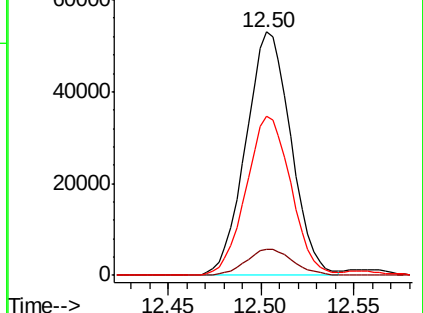
85 65.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.278 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055625.D

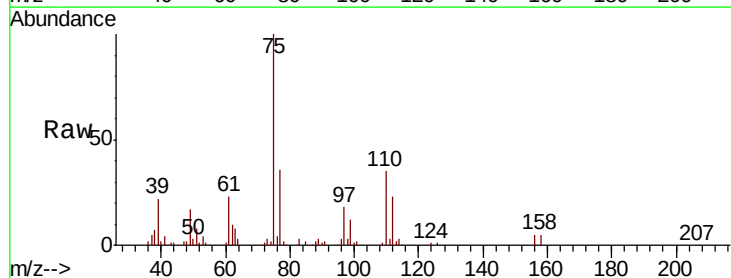
Acq: 17 May 2019 21:05

Tgt Ion: 75 Resp: 109037

Ion Ratio Lower Upper

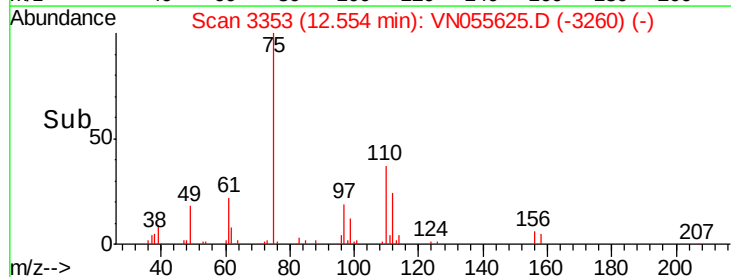
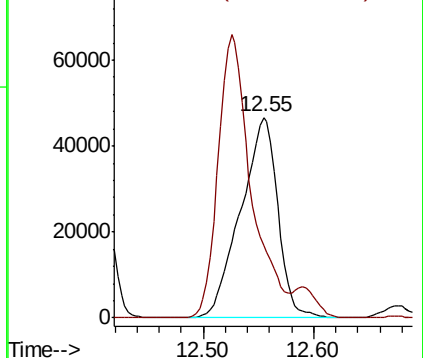
75 100

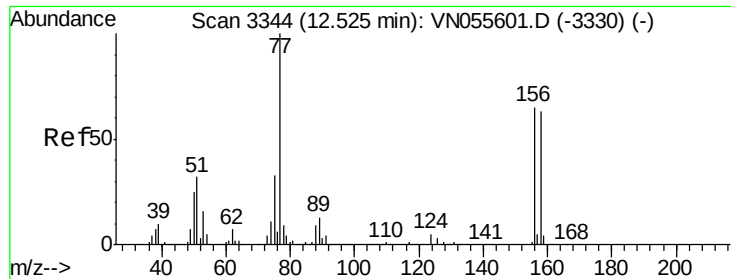
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.146 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

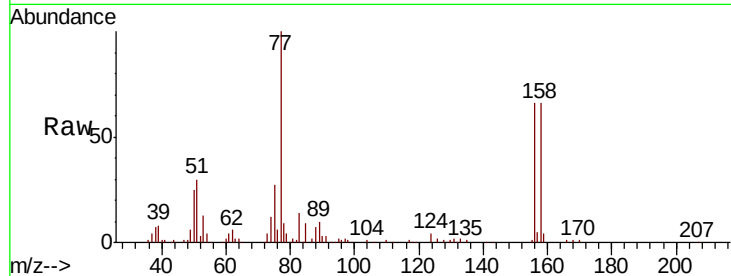
Tot Ion:156 Resp: 74302

Ion Ratio Lower Upper

156 100

77 185.0 94.5 283.5

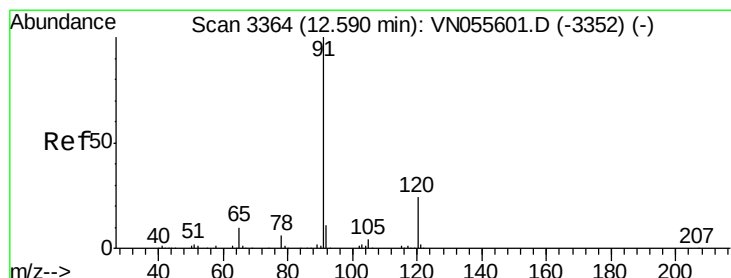
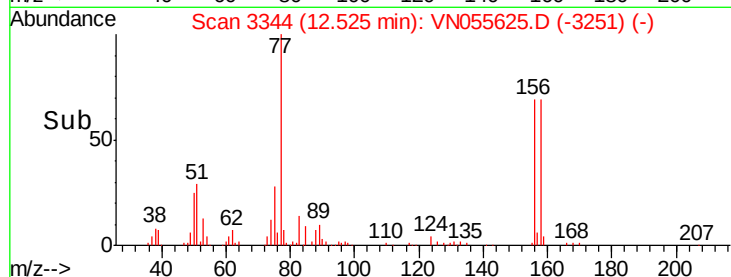
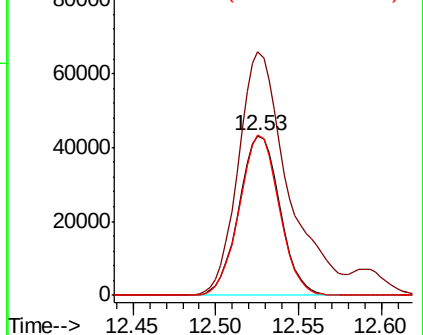
158 97.7 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.185 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055625.D

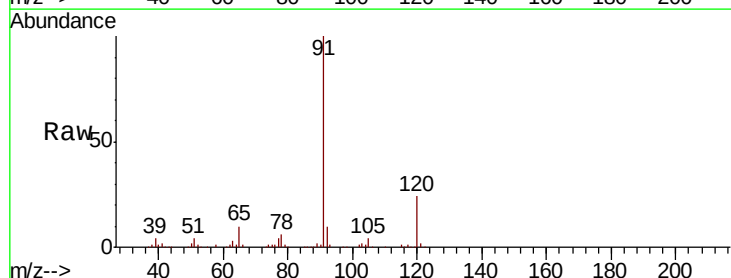
Acq: 17 May 2019 21:05

Tgt Ion: 91 Resp: 305167

Ion Ratio Lower Upper

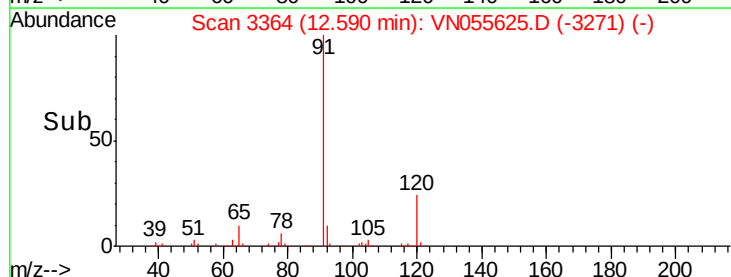
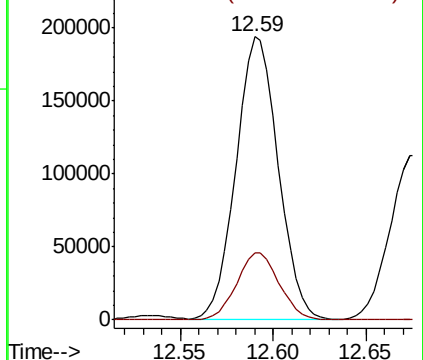
91 100

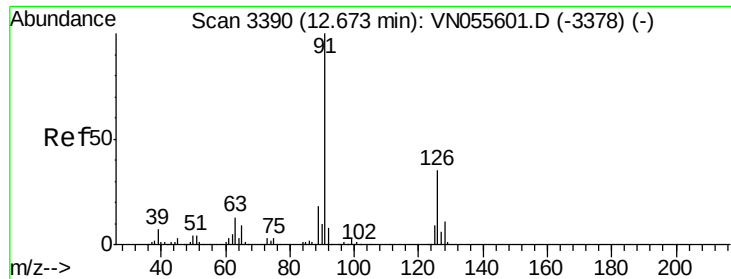
120 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.833 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

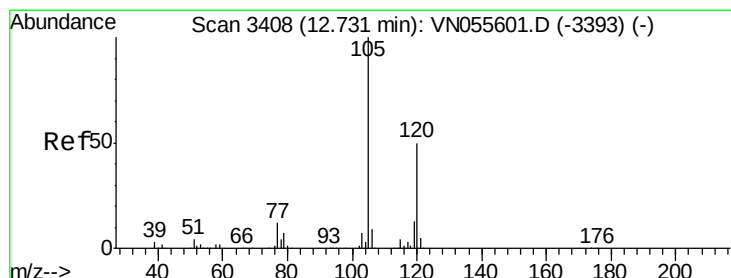
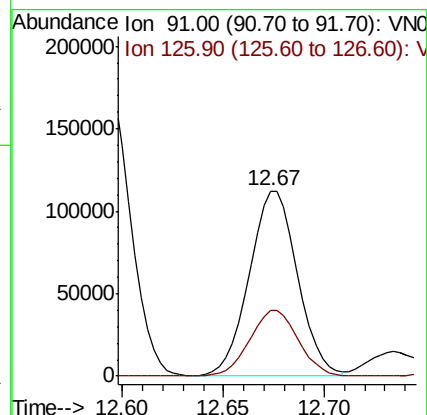
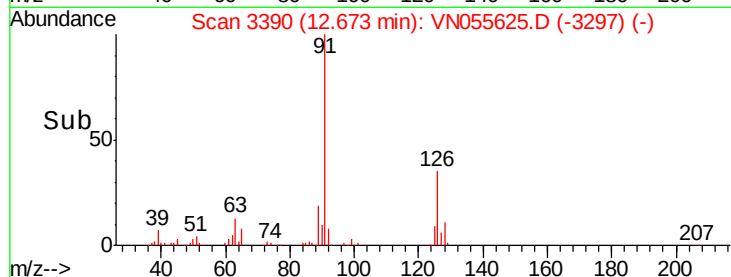
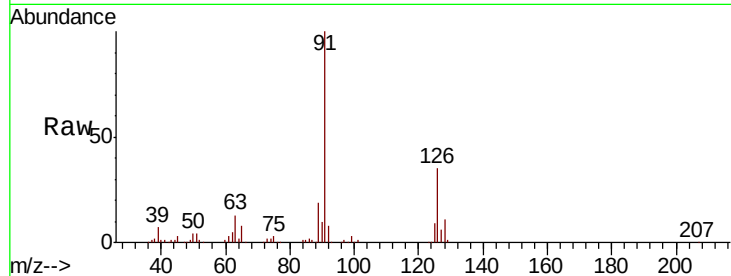
ClientSampled :

Tot Ion: 91 Resp: 187223

Ion Ratio Lower Upper

91 100

126 35.7 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 19.465 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055625.D

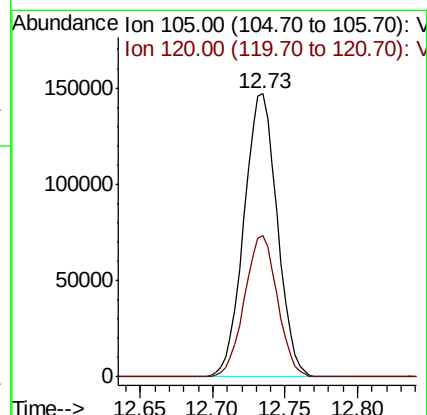
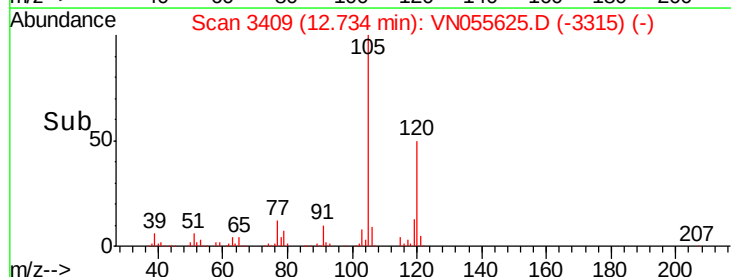
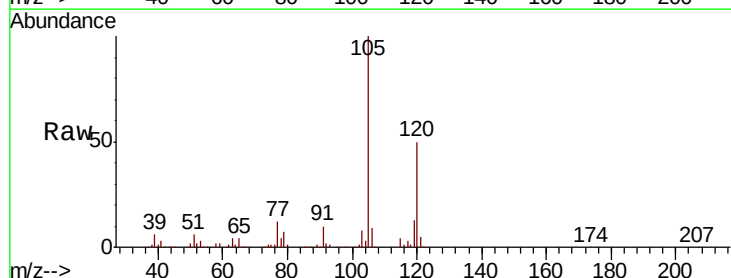
Acq: 17 May 2019 21:05

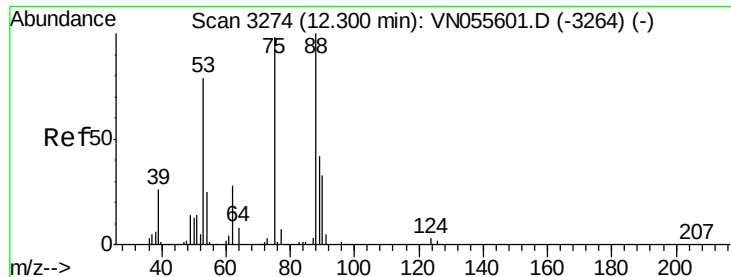
Tgt Ion: 105 Resp: 234626

Ion Ratio Lower Upper

105 100

120 49.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.189 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

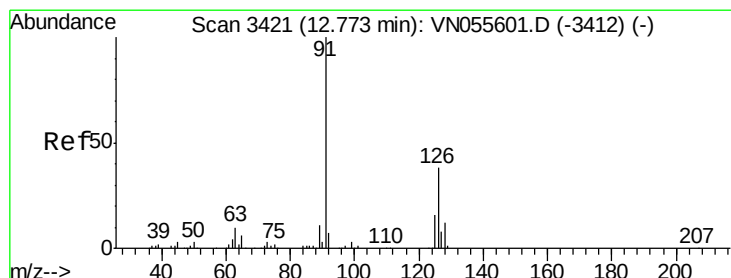
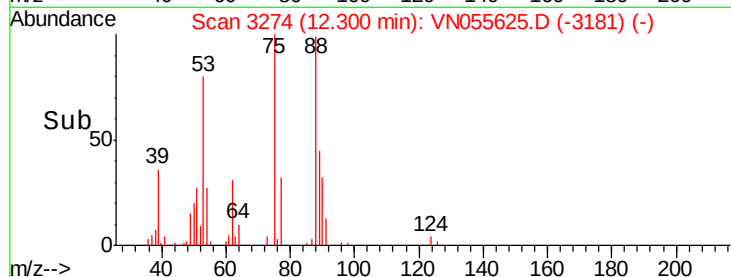
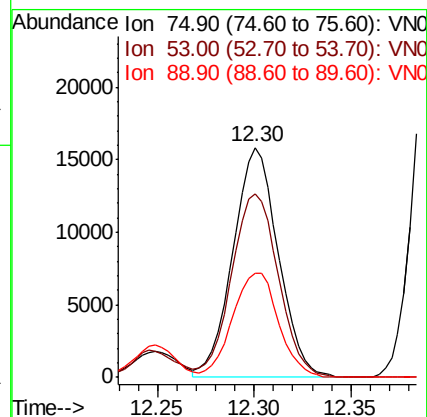
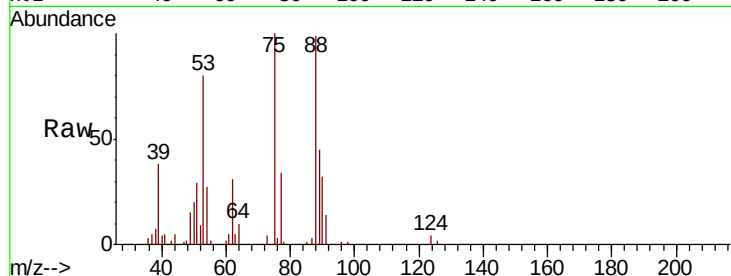
Tot Ion: 75 Resp: 25784

Ion Ratio Lower Upper

75 100

53 82.8 65.1 97.7

89 46.3 36.4 54.6



#82

4-Chlorotoluene

Concen: 18.274 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055625.D

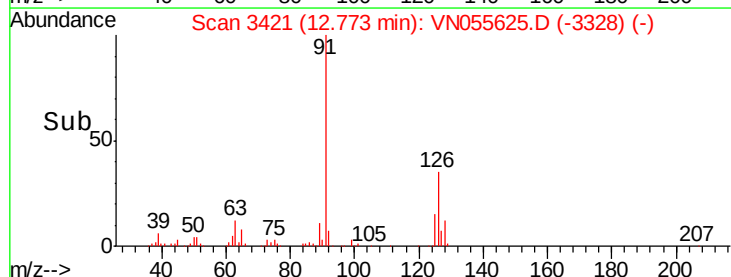
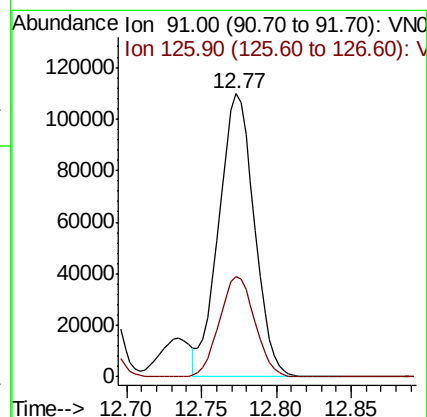
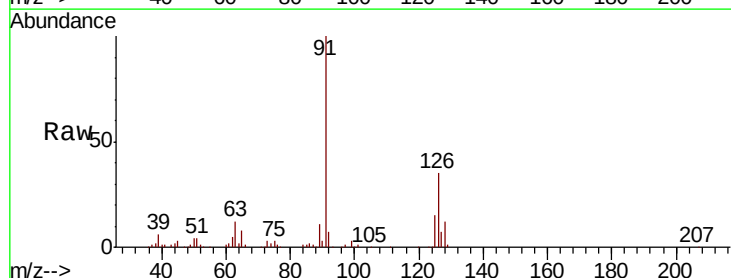
Acq: 17 May 2019 21:05

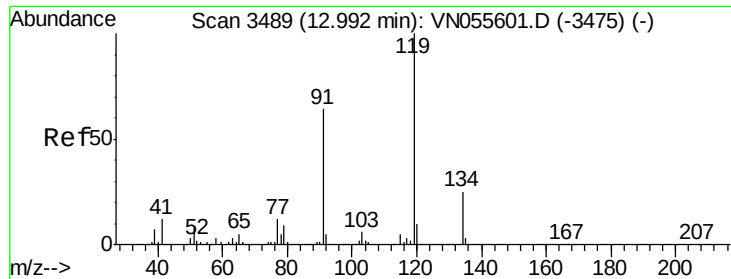
Tgt Ion: 91 Resp: 180681

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.6

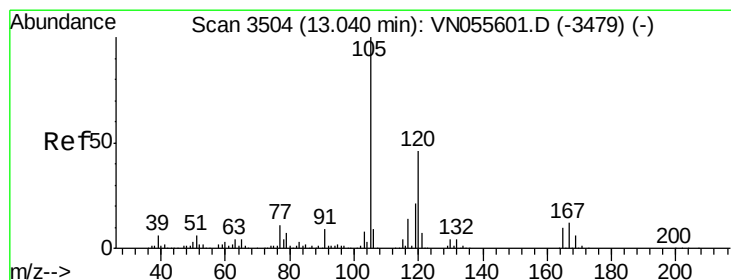
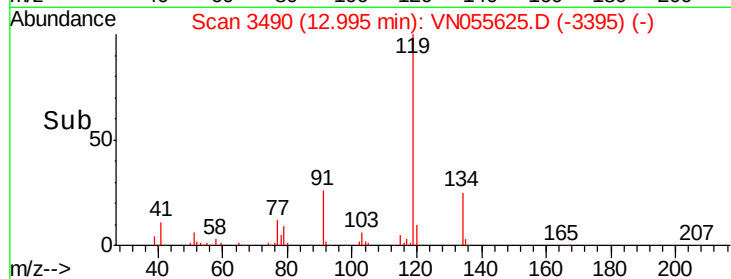
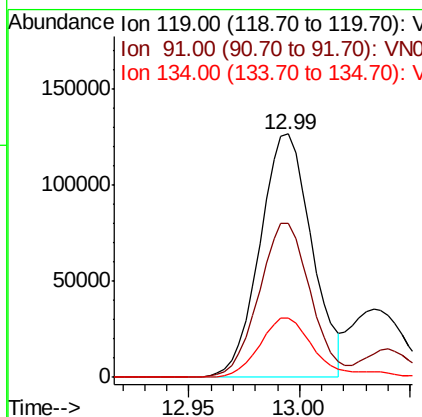
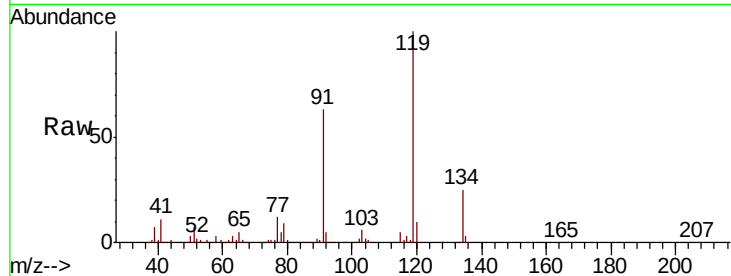




#83
 tert-Butylbenzene
 Concen: 19.804 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

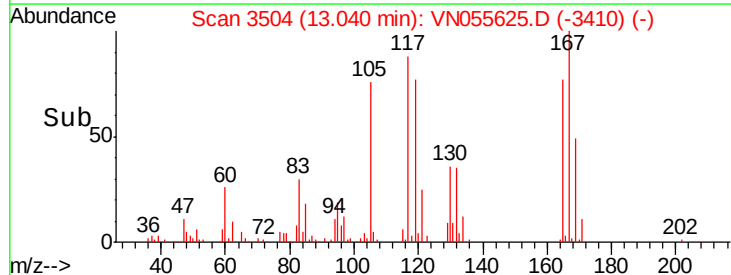
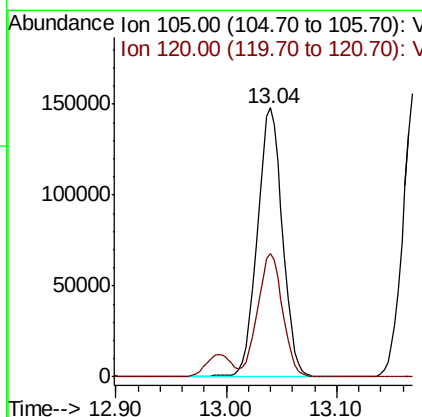
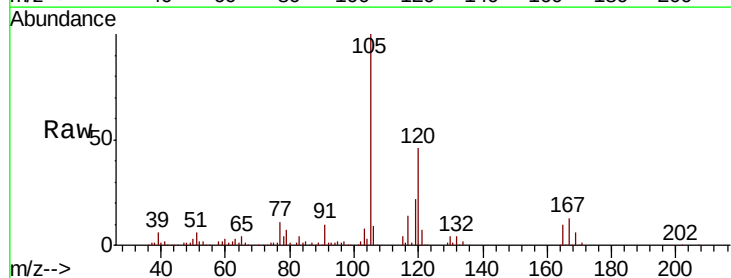
Instrument :
 MSVOA_N
 ClientSampleId :

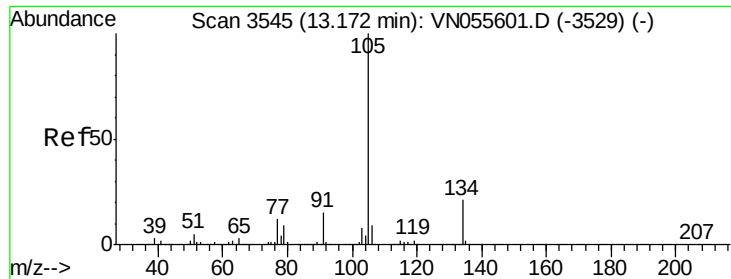
Tot Ion:119 Resp: 206475
 Ion Ratio Lower Upper
 119 100
 91 62.6 31.3 93.8
 134 26.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.624 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Tgt Ion:105 Resp: 233964
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.552 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

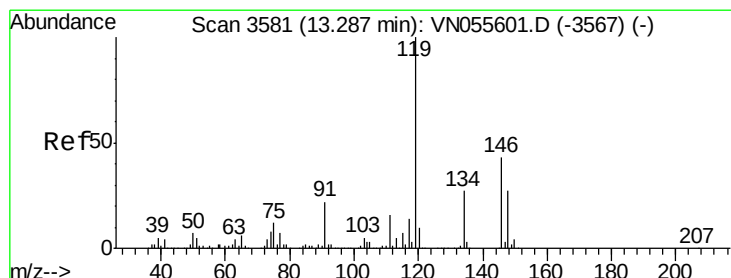
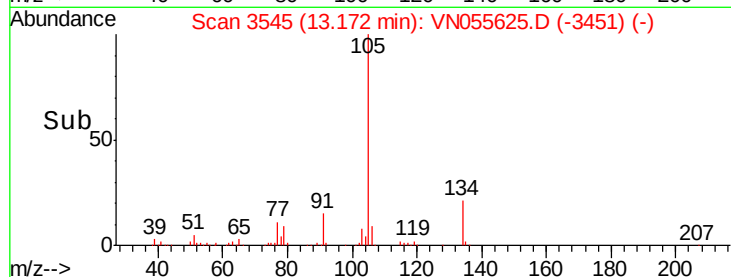
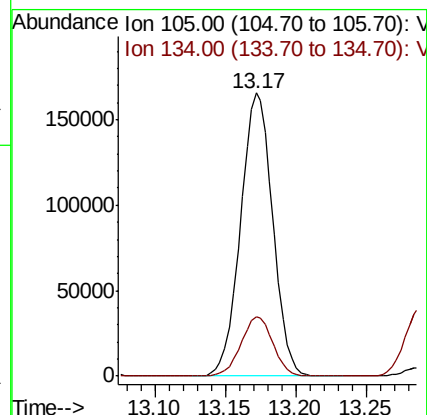
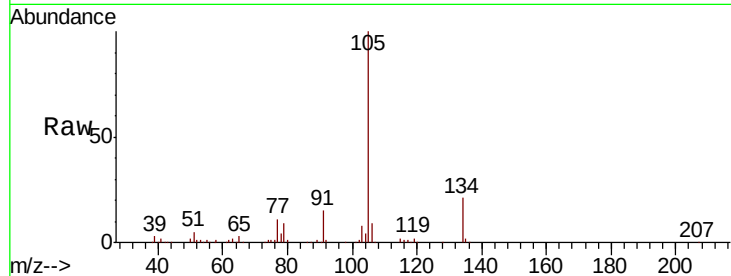
ClientSampled :

Tot Ion:105 Resp: 263457

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.297 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

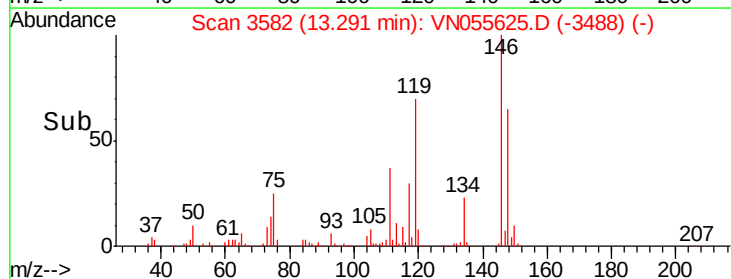
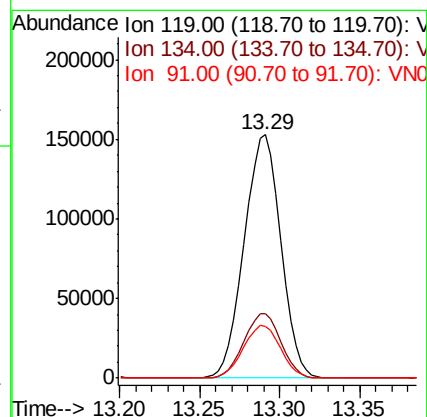
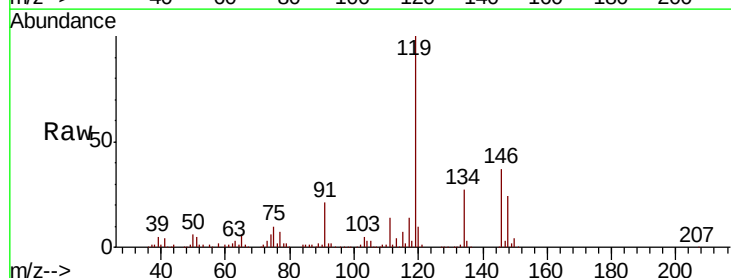
Tgt Ion:119 Resp: 239592

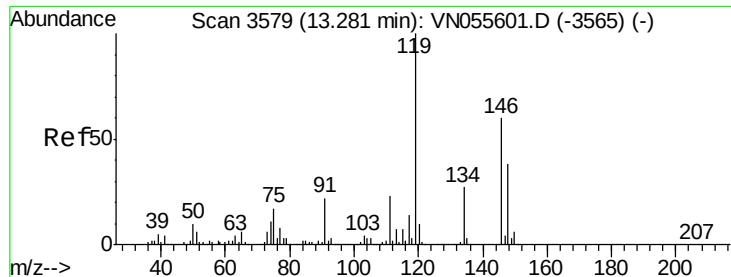
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 18.516 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

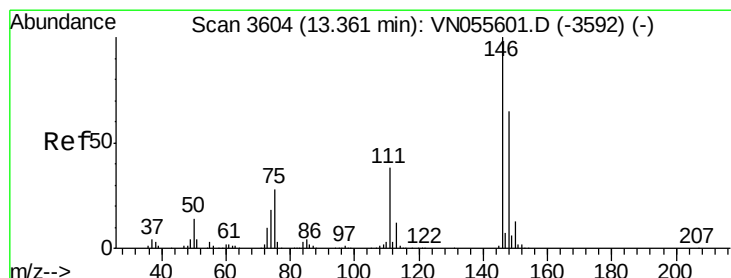
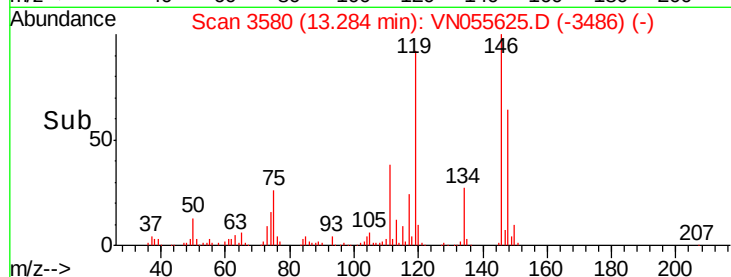
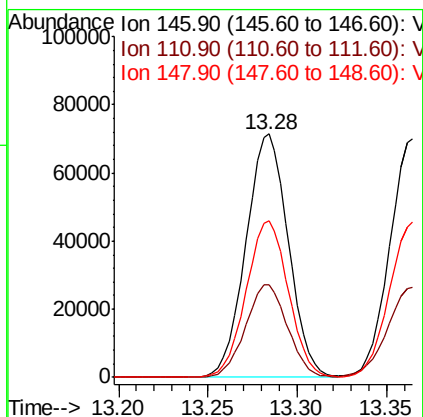
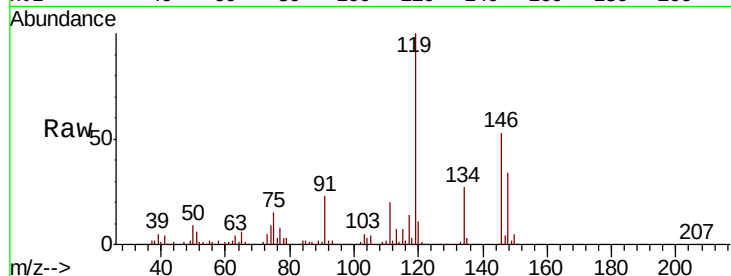
Tot Ion:146 Resp: 118810

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.9

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 18.739 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

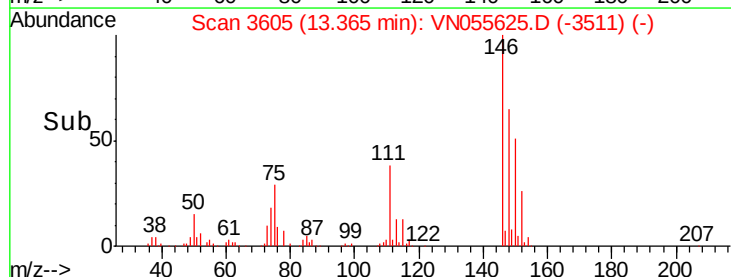
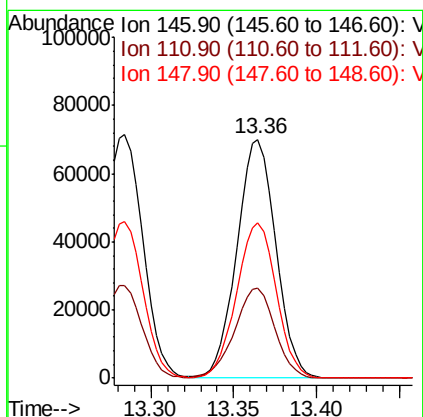
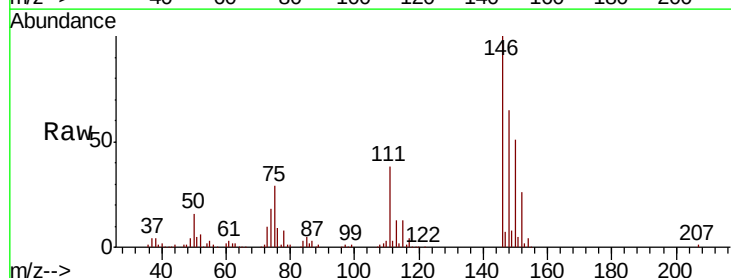
Tgt Ion:146 Resp: 114809

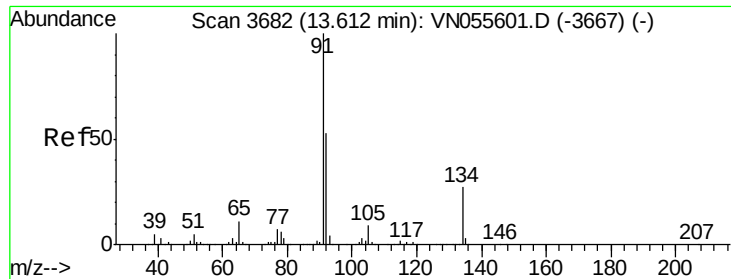
Ion Ratio Lower Upper

146 100

111 39.1 18.8 56.4

148 66.1 32.4 97.0





#89

n-Butylbenzene

Concen: 17.876 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

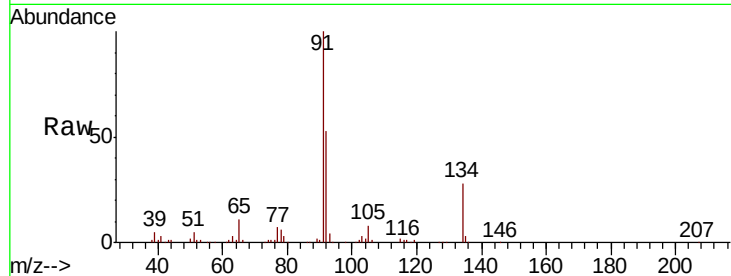
Tot Ion: 91 Resp: 185359

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.0

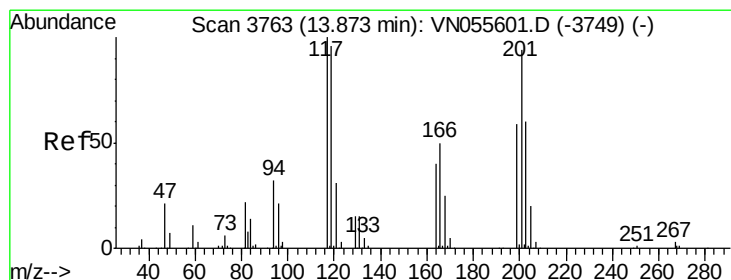
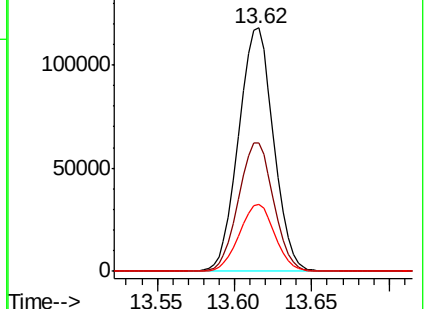
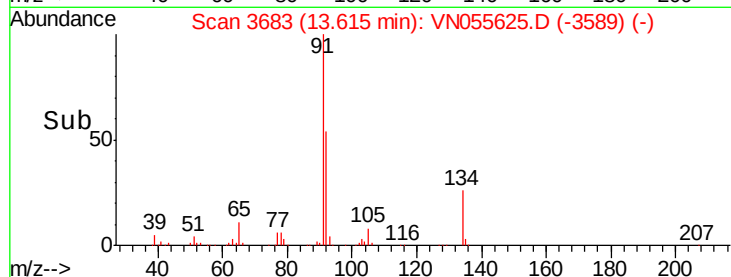
134 27.7 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055601.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055601.D (-3667) (-)



#90

Hexachloroethane

Concen: 19.728 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN055625.D

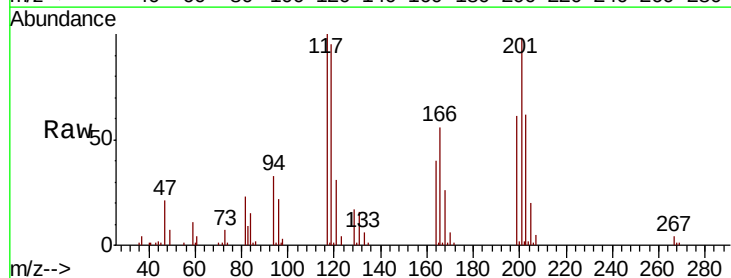
Acq: 17 May 2019 21:05

Tgt Ion: 117 Resp: 47273

Ion Ratio Lower Upper

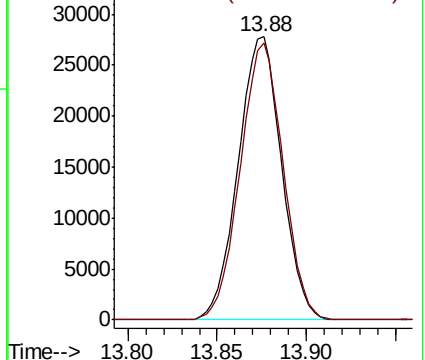
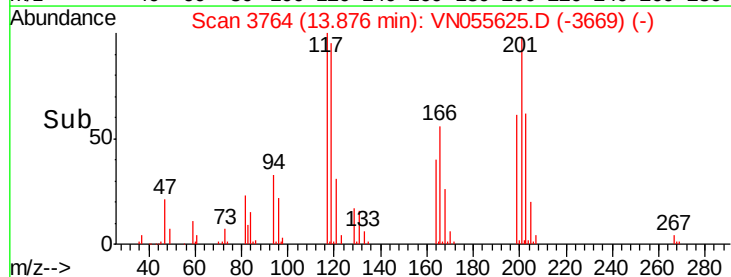
117 100

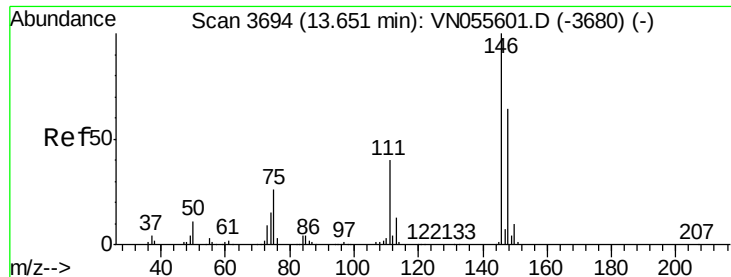
201 96.7 47.1 141.3



Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055601.D (-3749) (-)

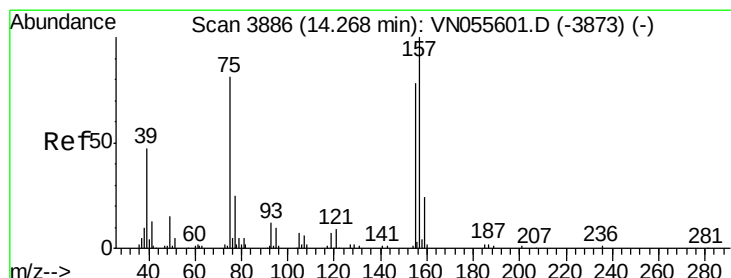
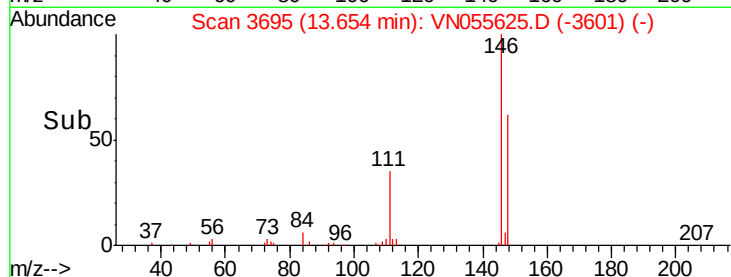
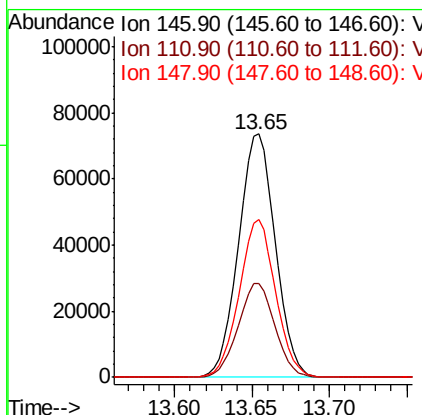
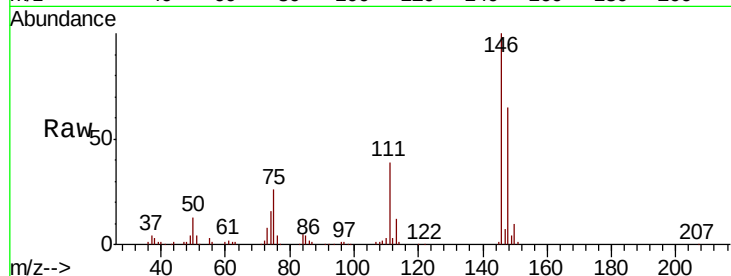




#91
 1,2-Dichlorobenzene
 Concen: 19.057 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

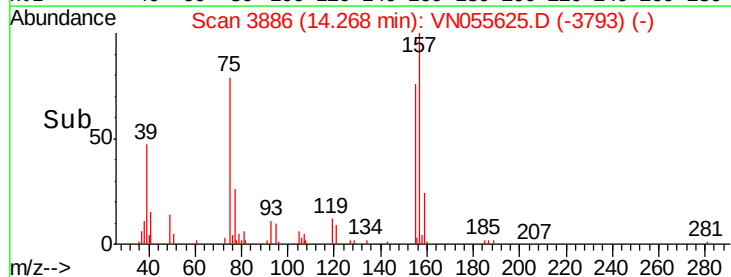
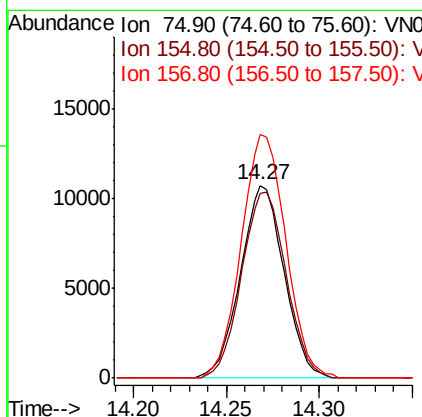
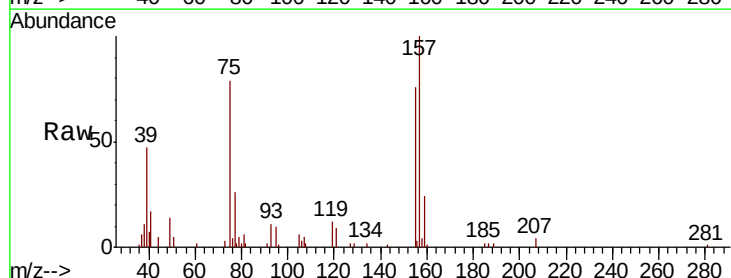
Instrument :
 MSVOA_N
 ClientSampleId :

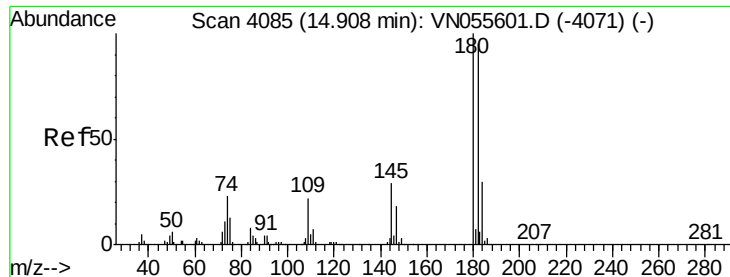
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.7	59.0
148	63.8	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.563 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.7	48.4	145.0
157	129.3	62.3	186.8

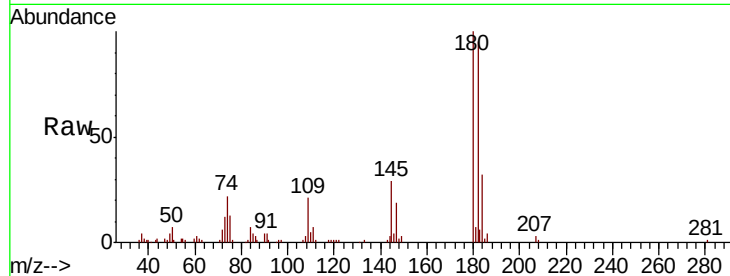




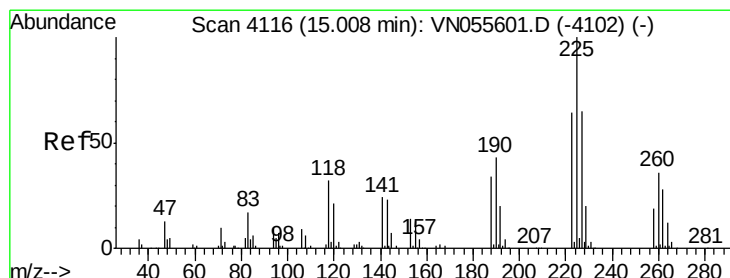
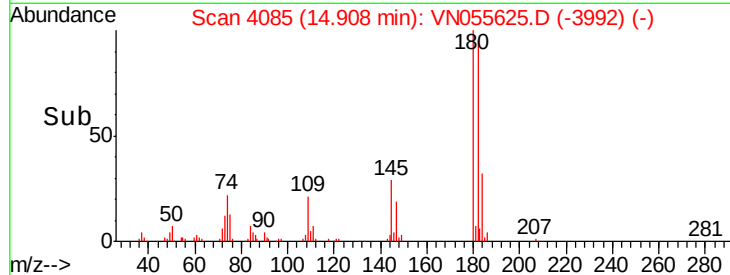
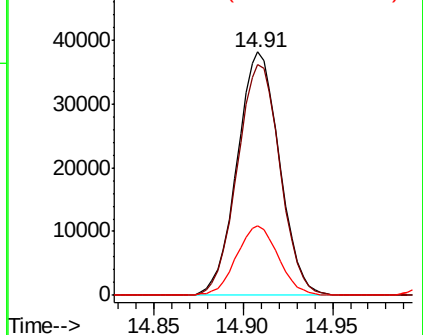
#93
 1,2,4-Trichlorobenzene
 Concen: 19.283 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 62785
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.6
 145 28.2 14.3 42.9

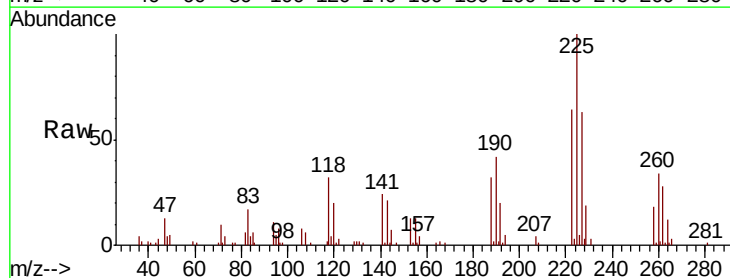


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

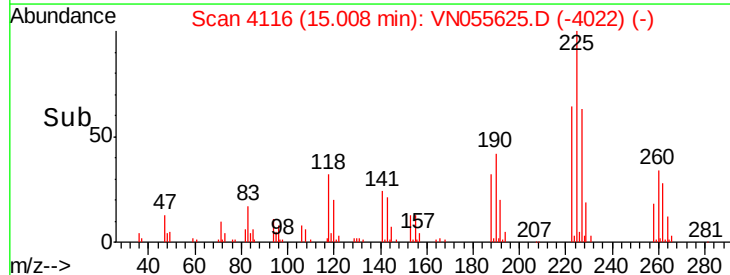
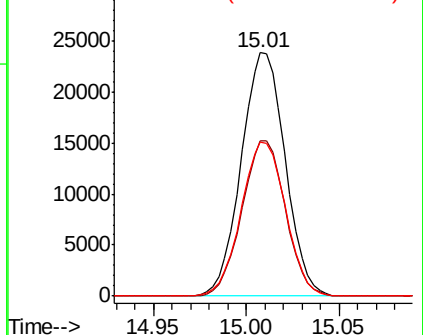


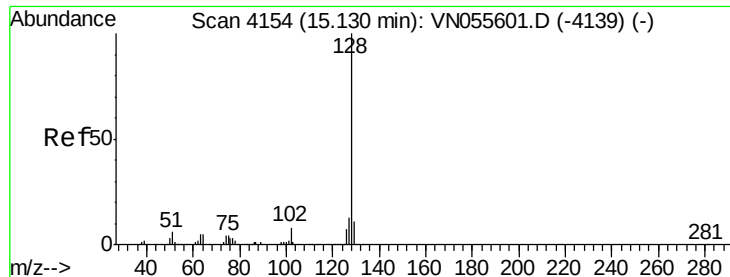
#94
 Hexachlorobutadiene
 Concen: 18.209 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055625.D
 Acq: 17 May 2019 21:05

Tgt Ion:225 Resp: 39425
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 94.7
 227 63.8 32.4 97.0



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





#95

Naphthalene

Concen: 18.976 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

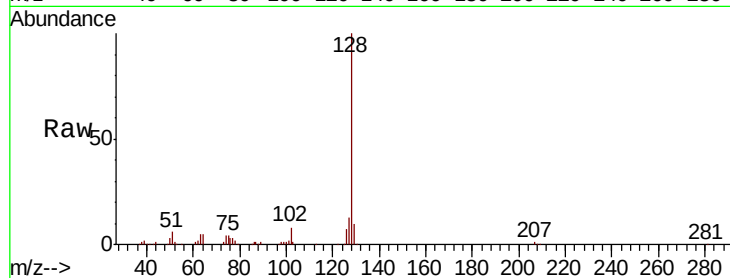
Tot Ion:128 Resp: 175315

Ion Ratio Lower Upper

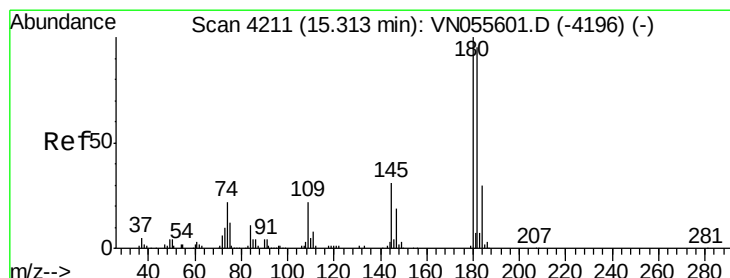
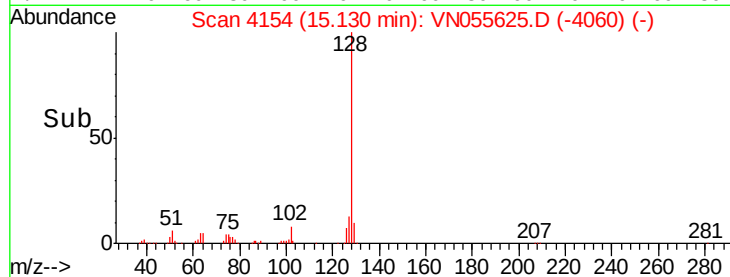
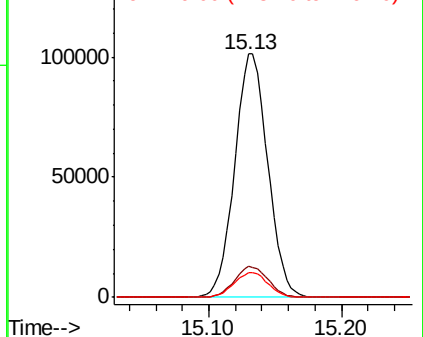
128 100

127 12.8 10.2 15.4

129 10.5 8.6 12.8



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: 19.801 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055625.D

Acq: 17 May 2019 21:05

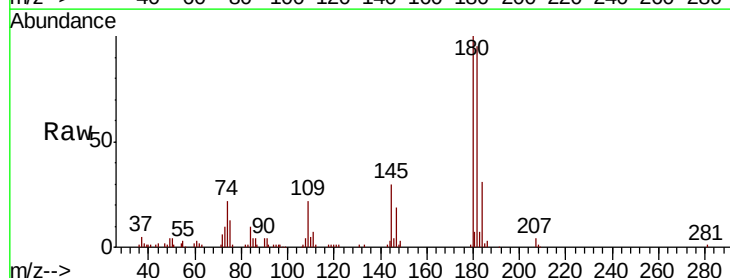
Tgt Ion:180 Resp: 67409

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.6

145 30.1 15.4 46.1



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

