

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056267.D
 Acq On : 12 Jun 2019 22:35
 Operator : JC/SP
 Sample : K3315-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Quant Time: Jun 13 04:36:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	292355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	400784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	368255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177450	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	134651	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
35) Dibromofluoromethane	7.59	113	128990	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
50) Toluene-d8	10.09	98	461741	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.40	95	161289	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	132261	41.242	ug/l	99
3) Chloromethane	2.06	50	139146	43.906	ug/l	99
4) Vinyl Chloride	2.18	62	140609	44.231	ug/l	100
5) Bromomethane	2.52	94	84499	42.079	ug/l	99
6) Chloroethane	2.68	64	81025	43.960	ug/l	98
7) Trichlorofluoromethane	3.00	101	188459	46.438	ug/l	99
8) Diethyl Ether	3.40	74	73989	44.334	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	115947	47.033	ug/l	95
10) Methyl Iodide	3.94	142	177581	45.329	ug/l	100
11) Tert butyl alcohol	4.82	59	120497	238.534	ug/l	99
12) 1,1-Dichloroethene	3.72	96	113220	46.132	ug/l	95
13) Acrolein	3.60	56	31245	214.461	ug/l	96
14) Allyl chloride	4.31	41	177275	45.743	ug/l	98
15) Acrylonitrile	4.99	53	341161	277.435	ug/l	99
16) Acetone	3.82	43	279730	201.486	ug/l	99
17) Carbon Disulfide	4.04	76	249004	42.373	ug/l	99
18) Methyl Acetate	4.33	43	157150	57.715	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	370864	47.406	ug/l	98
20) Methylene Chloride	4.54	84	135260	47.289	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	120877	45.967	ug/l	97
22) Diisopropyl ether	5.96	45	378070	47.193	ug/l	99
23) Vinyl Acetate	5.90	43	1536479	243.547	ug/l	99
24) 1,1-Dichloroethane	5.84	63	219963	47.600	ug/l	99
25) 2-Butanone	6.84	43	447042	254.853	ug/l	98
26) 2,2-Dichloropropane	6.82	77	115439	32.014	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	165751	53.622	ug/l	93
28) Bromochloromethane	7.19	49	108823	49.797	ug/l	92
29) Tetrahydrofuran	7.22	42	294259	271.384	ug/l	98
30) Chloroform	7.37	83	232972	50.116	ug/l	98
31) Cyclohexane	7.65	56	188637	40.953	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	189999	48.944	ug/l	99
36) 1,1-Dichloropropene	7.79	75	158913	46.113	ug/l	98
37) Ethyl Acetate	6.93	43	170303	55.541	ug/l	100
38) Carbon Tetrachloride	7.77	117	167820	52.820	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	194601	45.330	ug/l	96
40) Benzene	8.04	78	517976	49.487	ug/l	100
41) Methacrylonitrile	7.18	41	86982	61.655	ug/l	99
42) 1,2-Dichloroethane	8.12	62	165541	49.168	ug/l	99
43) Isopropyl Acetate	8.17	43	257325	51.788	ug/l #	91
44) Trichloroethene	8.83	130	276275	91.858	ug/l	95
45) 1,2-Dichloropropane	9.12	63	136236	50.815	ug/l	100
46) Dibromomethane	9.21	93	91872	52.403	ug/l	92
47) Bromodichloromethane	9.40	83	175158	55.125	ug/l	99
48) Methyl methacrylate	9.20	41	131061	53.915	ug/l	96
49) 1,4-Dioxane	9.21	88	62829	1197.206	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	877058	282.263	ug/l	99
52) Toluene	10.16	92	326991	50.205	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	161402	43.645	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	188630	49.388	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	138339	53.621	ug/l	99
56) Ethyl methacrylate	10.43	69	199047	52.884	ug/l	99
57) 1,3-Dichloropropane	10.71	76	217765	51.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.73	63	284	15.054	ug/l #	46
59) 2-Hexanone	10.75	43	620609	275.575	ug/l	99
60) Dibromochloromethane	10.90	129	153242	53.666	ug/l	98
61) 1,2-Dibromoethane	11.00	107	145899	55.317	ug/l	100
64) Tetrachloroethene	10.63	164	153754	48.234	ug/l	97
65) Chlorobenzene	11.43	112	364168	49.689	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	141635	55.968	ug/l	99
67) Ethyl Benzene	11.51	91	616692	48.391	ug/l	99
68) m/p-Xylenes	11.62	106	486760	99.985	ug/l	96
69) o-Xylene	11.95	106	239212	49.952	ug/l	97
70) Styrene	11.96	104	399403	52.493	ug/l	99
71) Bromoform	12.13	173	122084	57.053	ug/l #	100
73) Isopropylbenzene	12.25	105	621036	49.053	ug/l	99
74) N-amyl acetate	12.07	43	213160	45.064	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	196192	47.627	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	220711	67.596	ug/l #	100
77) Bromobenzene	12.53	156	179155	47.156	ug/l	92
78) n-propylbenzene	12.59	91	657280	43.783	ug/l	98
79) 2-Chlorotoluene	12.67	91	410147	49.220	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	522036	43.755	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42200	43.040	ug/l	89
82) 4-Chlorotoluene	12.77	91	393517	44.806	ug/l	97
83) tert-Butylbenzene	12.99	119	463653	50.091	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	507869	44.888	ug/l	98
85) sec-Butylbenzene	13.17	105	584480	43.964	ug/l	98
86) p-Isopropyltoluene	13.29	119	531555	44.675	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	280358	47.680	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	268726	47.509	ug/l	99
89) n-Butylbenzene	13.61	91	370162	41.997	ug/l	99
90) Hexachloroethane	13.87	117	92282	51.429	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	285496	48.091	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31833	54.028	ug/l	86

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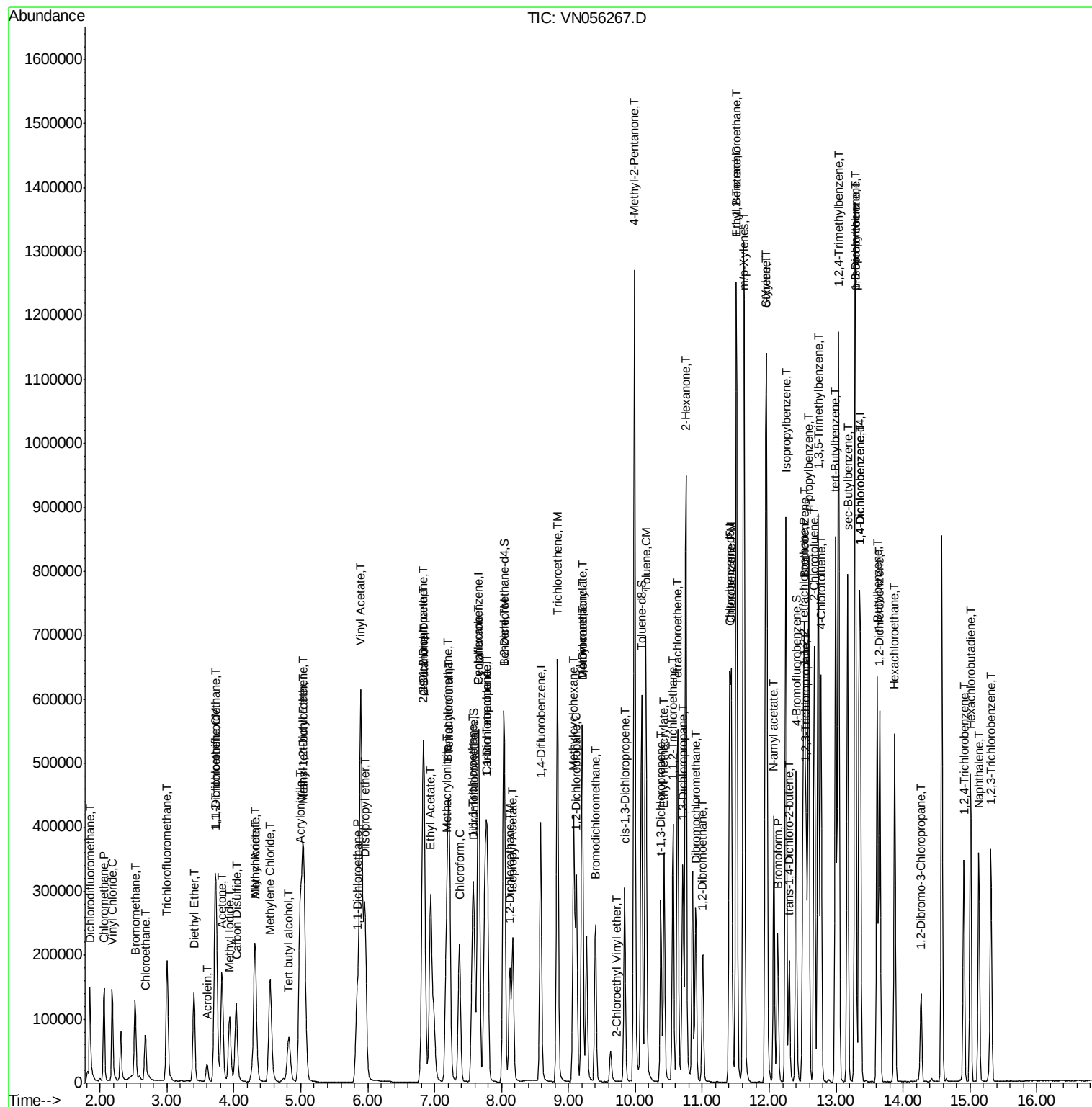
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	130754	40.825	ug/l	99
94) Hexachlorobutadiene	15.01	225	113402	55.943	ug/l	99
95) Naphthalene	15.13	128	329798	39.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	147449	44.576	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

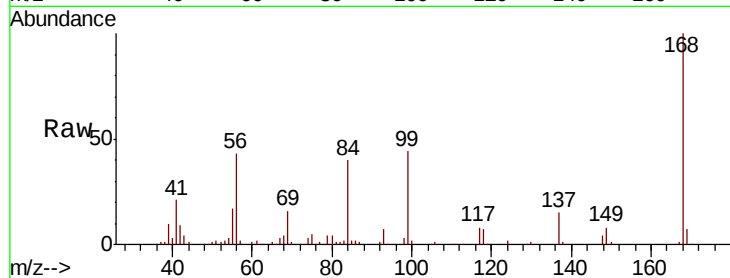
RE104D2-20190607MS

Tot Ion:168 Resp: 292355

Ion Ratio Lower Upper

168 100

99 43.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

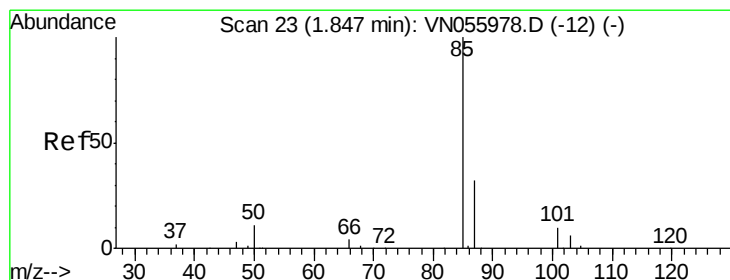
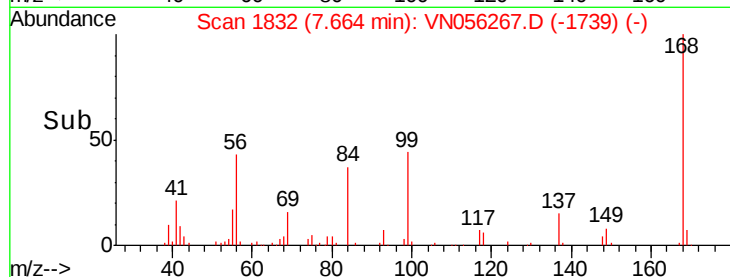
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.242 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056267.D

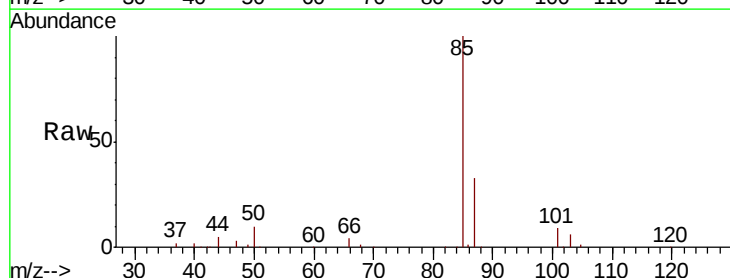
Acq: 12 Jun 2019 22:35

Tgt Ion: 85 Resp: 132261

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

80000

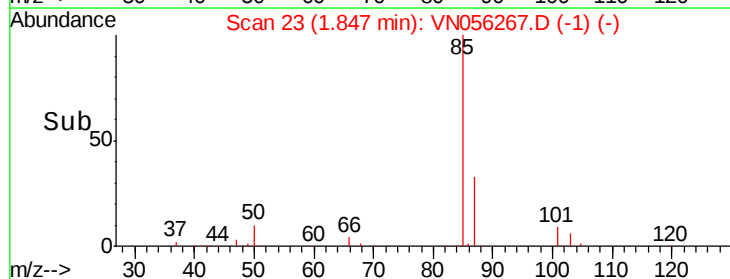
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 43.906 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

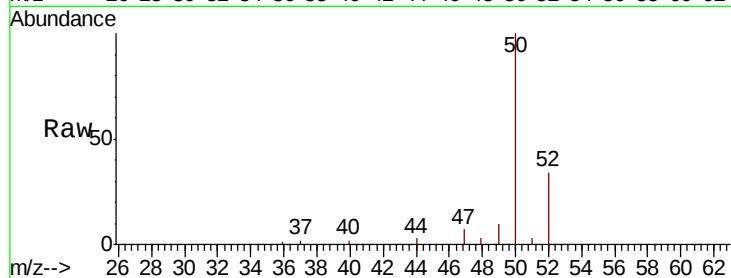
RE104D2-20190607MS

Tot Ion: 50 Resp: 139146

Ion Ratio Lower Upper

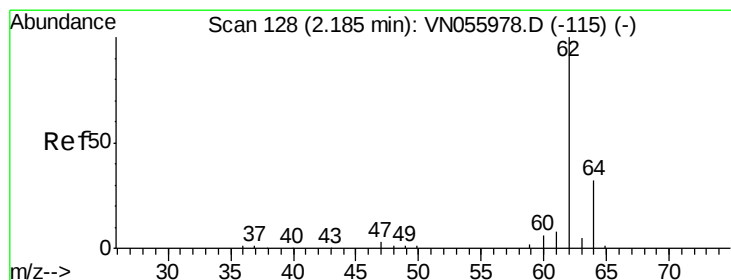
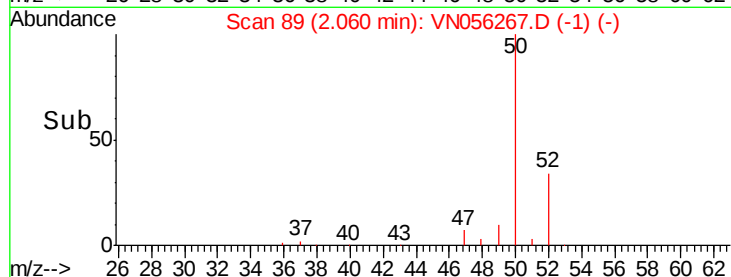
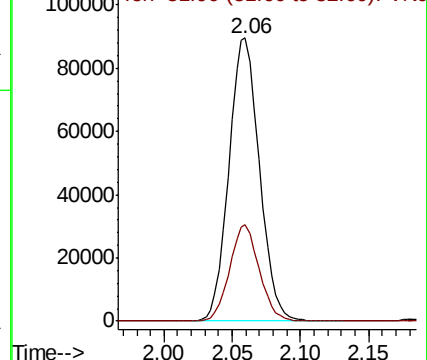
50 100

52 33.9 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 44.231 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056267.D

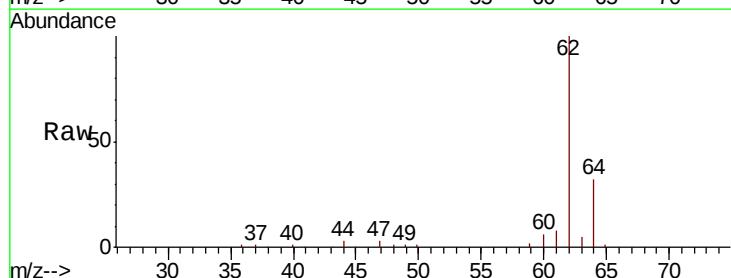
Acq: 12 Jun 2019 22:35

Tgt Ion: 62 Resp: 140609

Ion Ratio Lower Upper

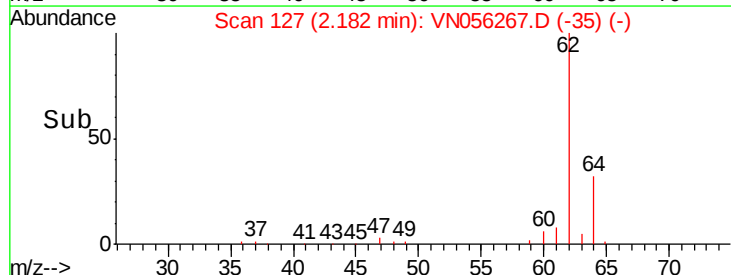
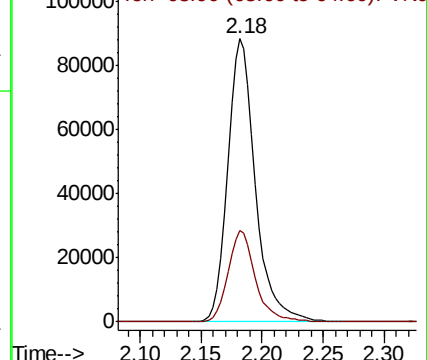
62 100

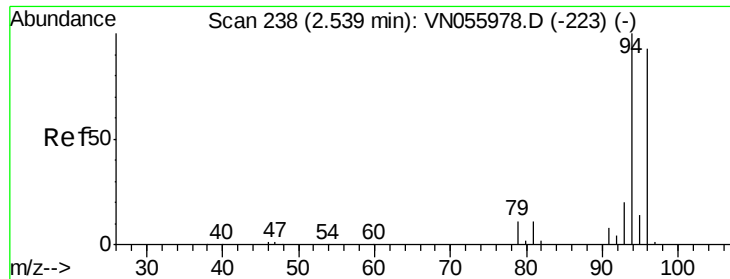
64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

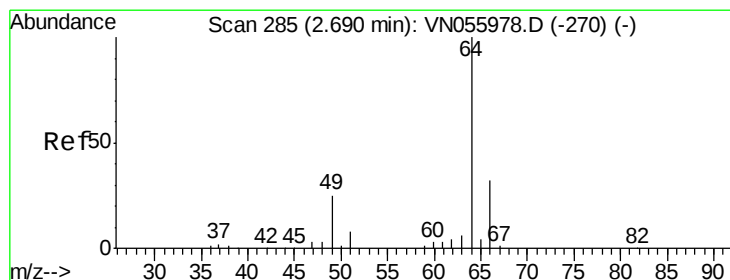
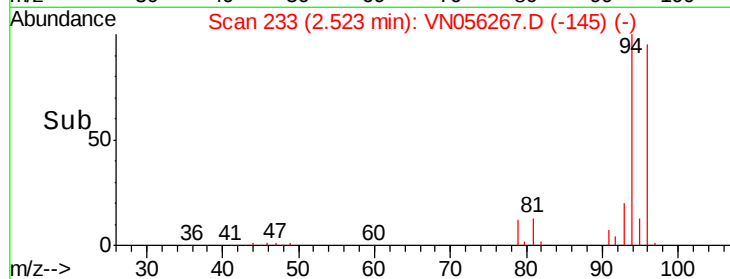
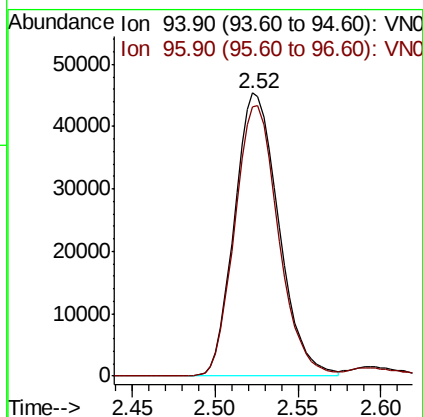
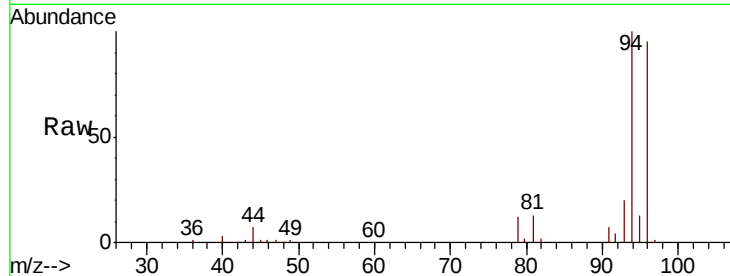




#5
Bromomethane
Concen: 42.079 ug/l
RT: 2.52 min Scan# 233
Delta R.T. -0.02 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

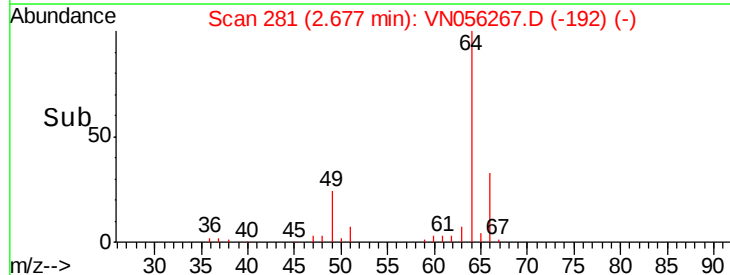
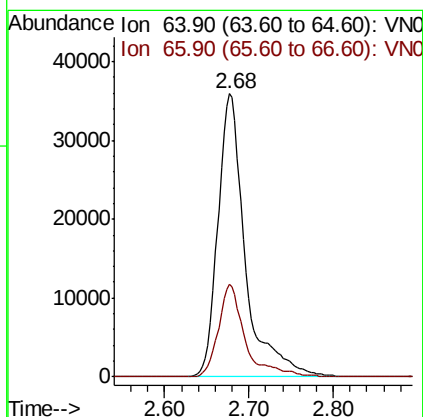
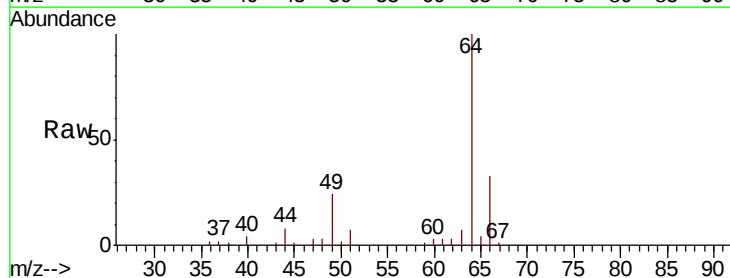
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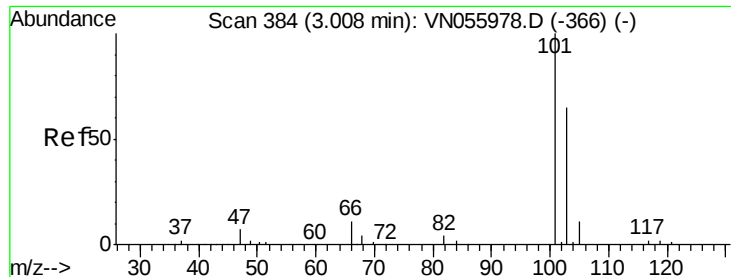
Tot Ion: 94 Resp: 84499
Ion Ratio Lower Upper
94 100
96 95.2 75.5 113.3



#6
Chloroethane
Concen: 43.960 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.01 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 64 Resp: 81025
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0



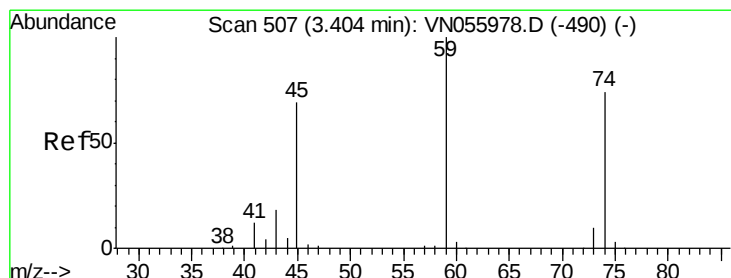
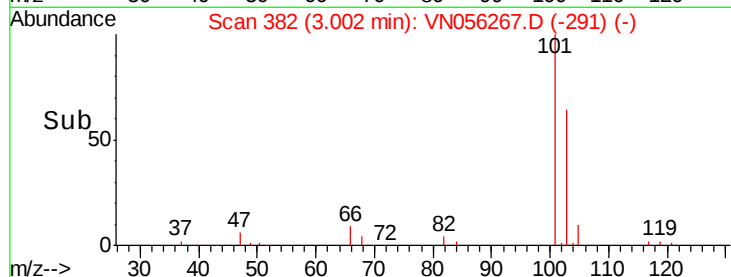
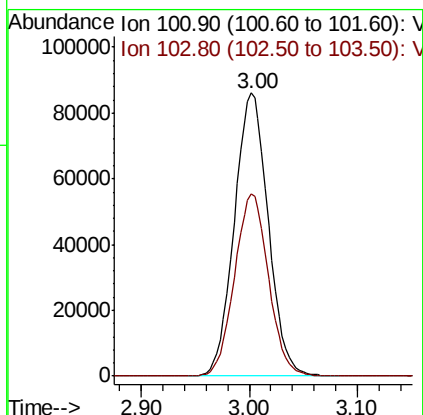
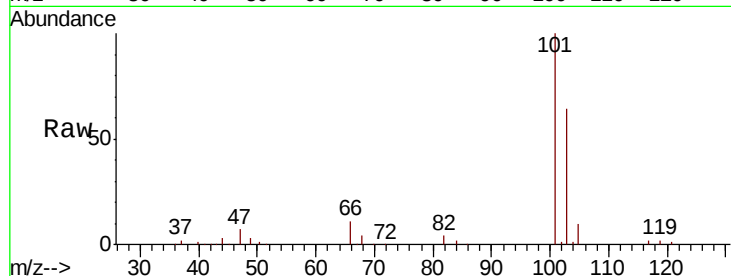


#7

Trichlorofluoromethane
 Concen: 46.438 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VN056267.D
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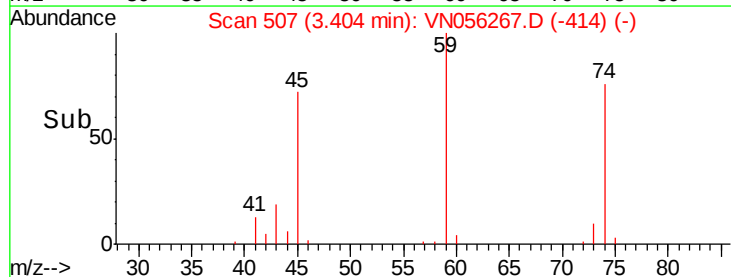
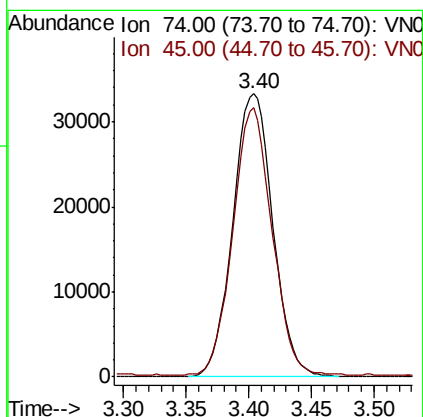
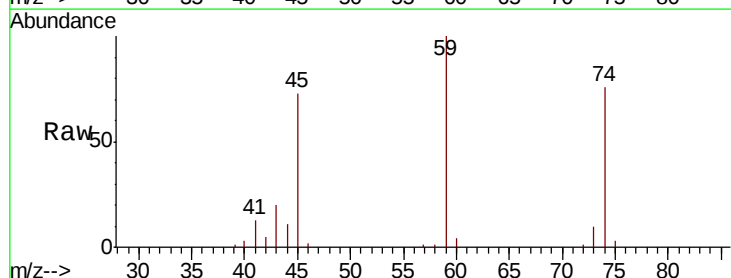
Tot Ion:101 Resp: 188459
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.2 76.8



#8

Diethyl Ether
 Concen: 44.334 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion: 74 Resp: 73989
 Ion Ratio Lower Upper
 74 100
 45 92.1 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.033 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

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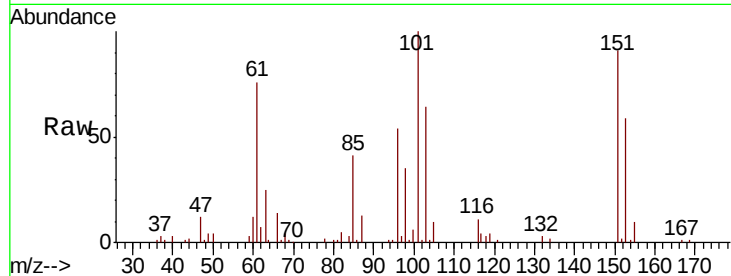
Tot Ion:101 Resp: 115947

Ion Ratio Lower Upper

101 100

85 41.8 33.4 50.2

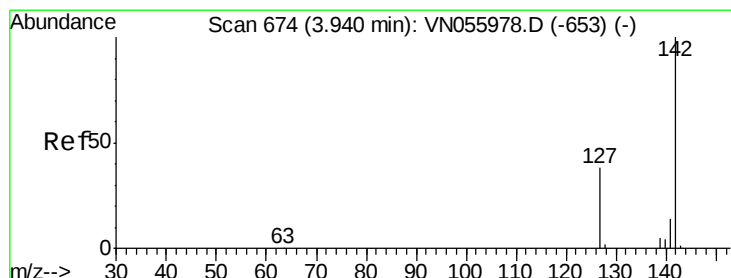
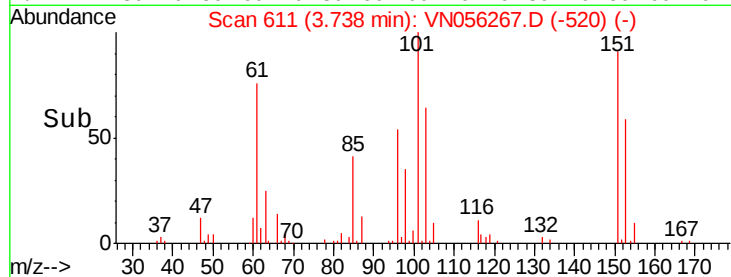
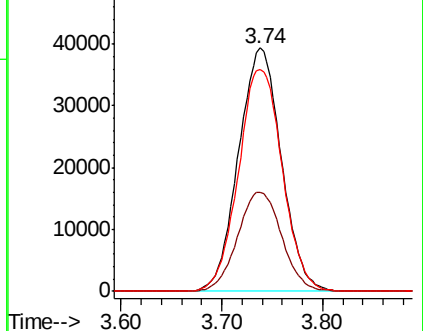
151 93.4 69.4 104.2



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: 45.329 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

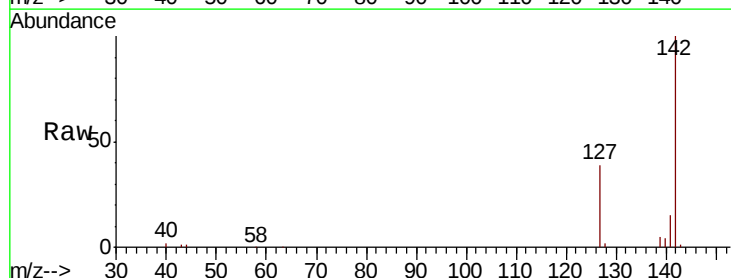
Tgt Ion:142 Resp: 177581

Ion Ratio Lower Upper

142 100

127 38.5 31.0 46.4

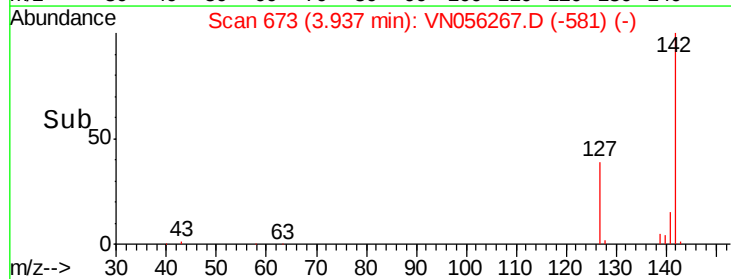
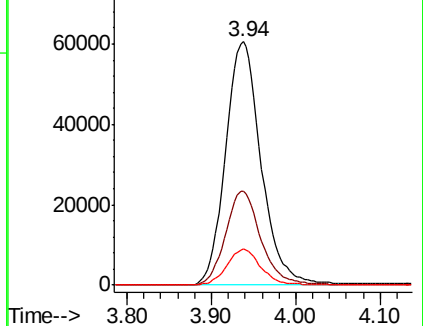
141 14.2 11.4 17.0

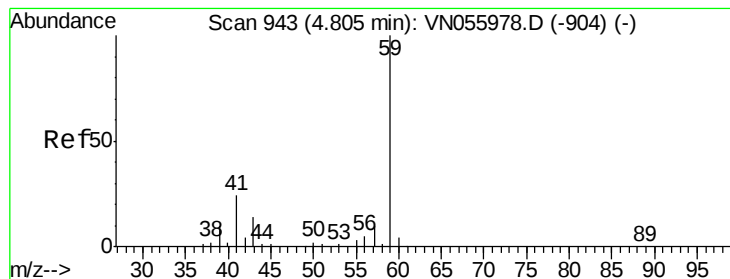


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



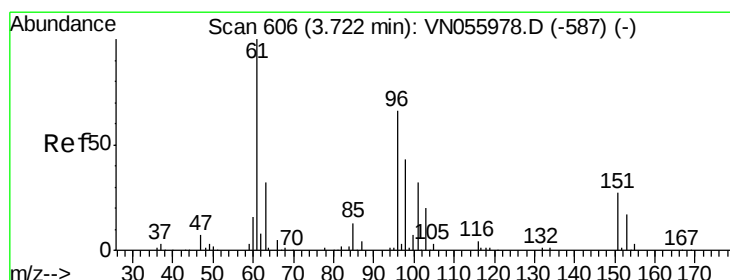
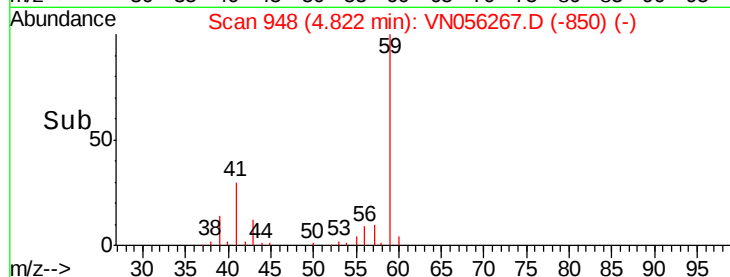
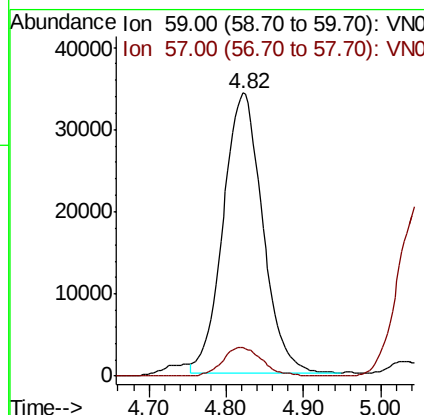
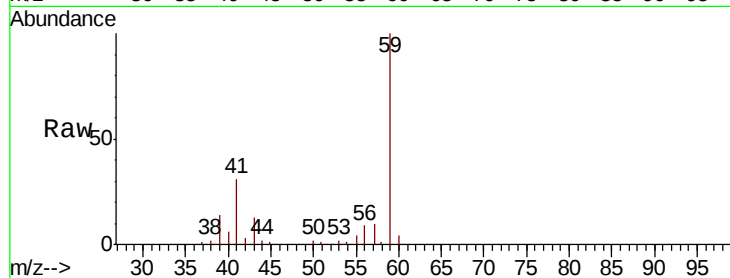


#11

Tert butyl alcohol
 Concen: 238.534 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. 0.02 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

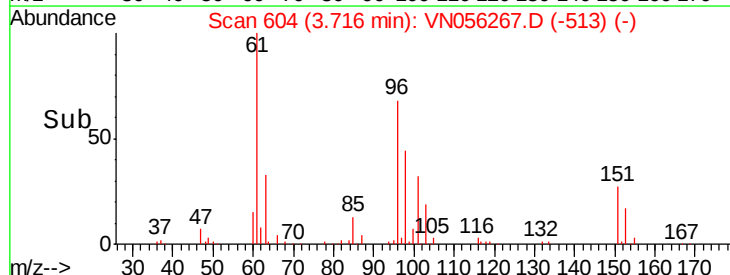
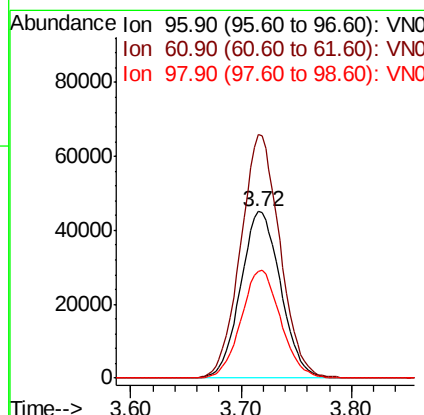
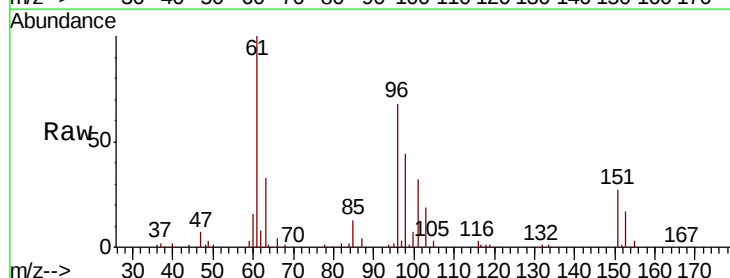
Tot Ion: 59 Resp: 120497
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

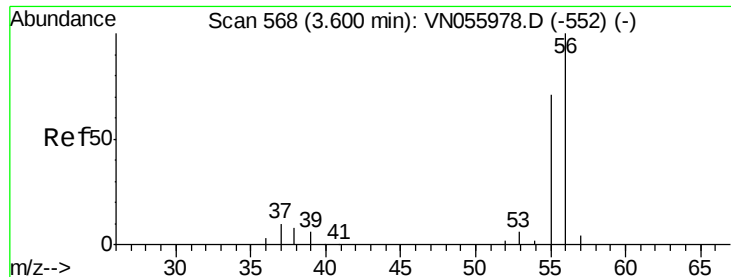


#12

1,1-Dichloroethene
 Concen: 46.132 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion: 96 Resp: 113220
 Ion Ratio Lower Upper
 96 100
 61 146.1 123.2 184.8
 98 64.2 50.4 75.6





#13

Acrolein

Concen: 214.461 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

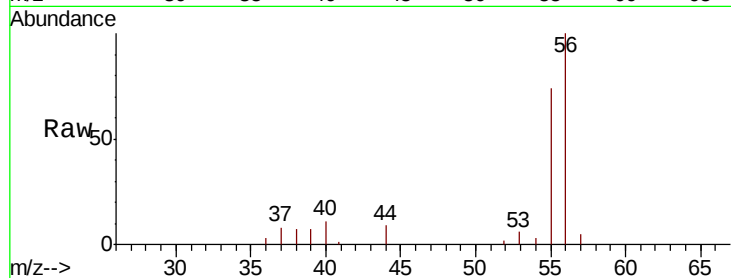
RE104D2-20190607MS

Tot Ion: 56 Resp: 31245

Ion Ratio Lower Upper

56 100

55 72.3 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

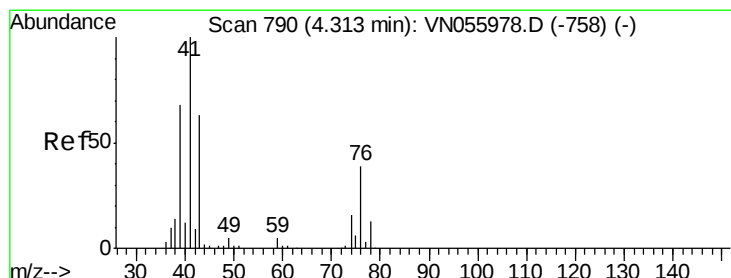
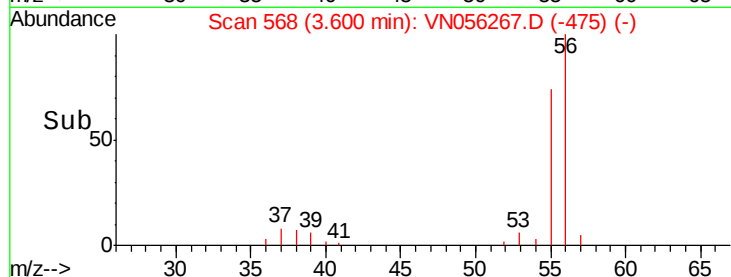
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 45.743 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

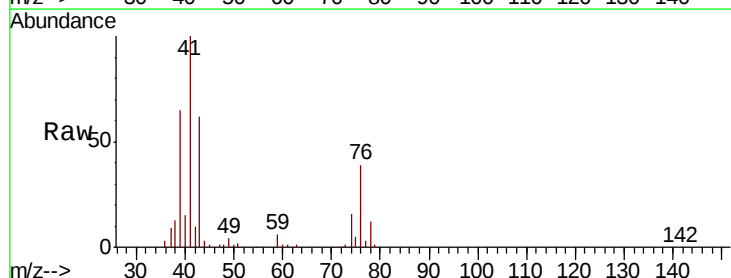
Tgt Ion: 41 Resp: 177275

Ion Ratio Lower Upper

41 100

39 60.4 50.0 75.0

76 34.1 28.2 42.2



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

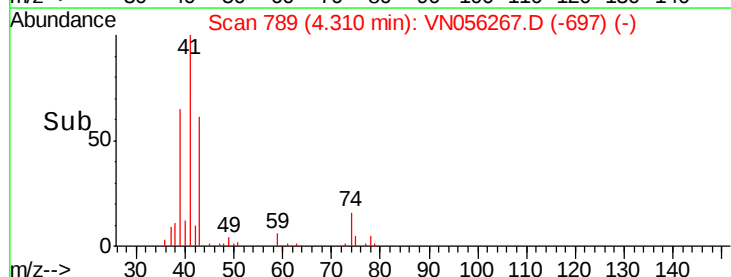
60000

40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 277.435 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

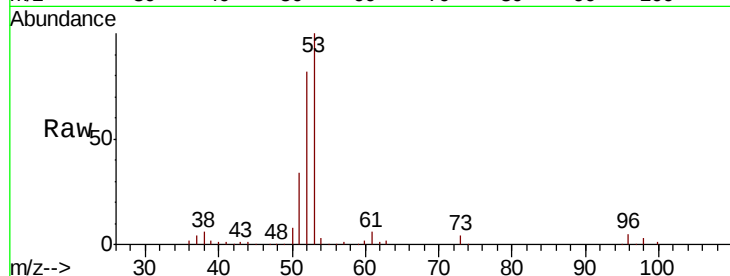
Tot Ion: 53 Resp: 341161

Ion Ratio Lower Upper

53 100

52 81.6 65.8 98.8

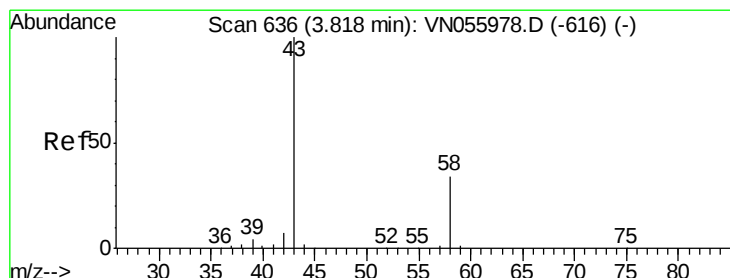
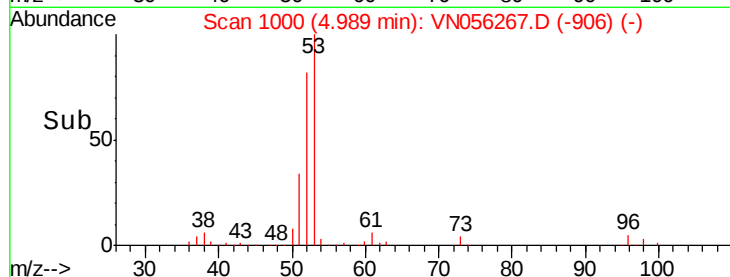
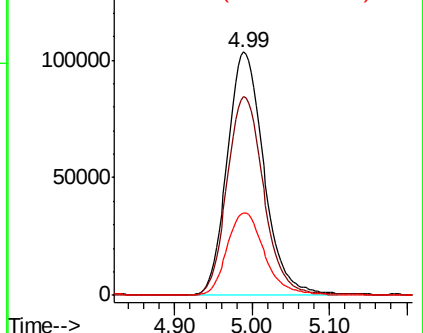
51 35.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 201.486 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056267.D

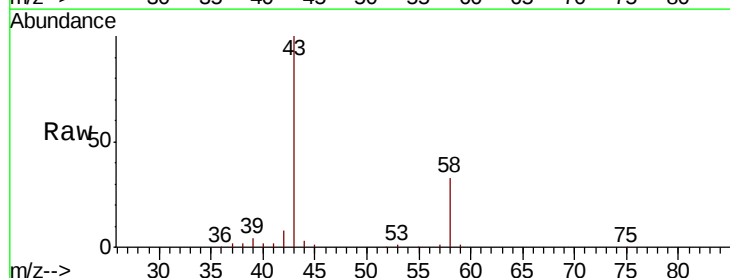
Acq: 12 Jun 2019 22:35

Tgt Ion: 43 Resp: 279730

Ion Ratio Lower Upper

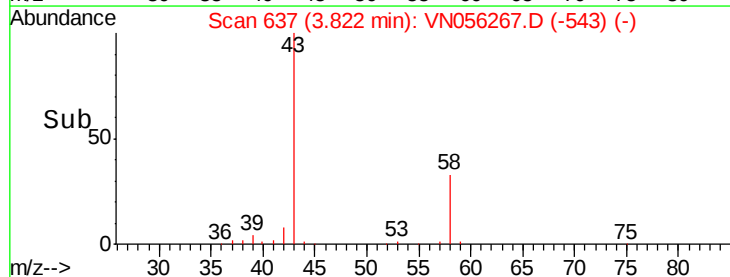
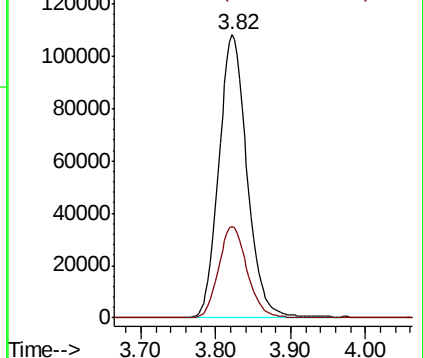
43 100

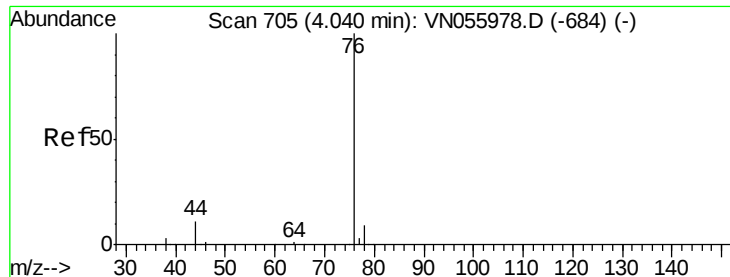
58 32.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

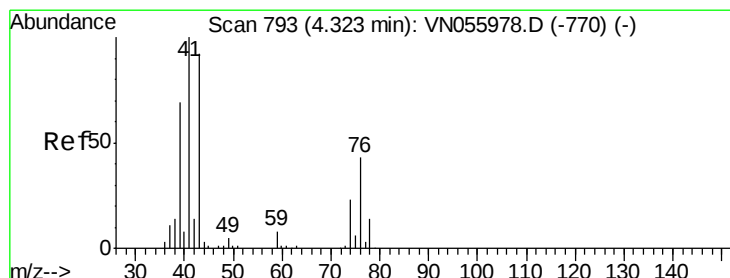
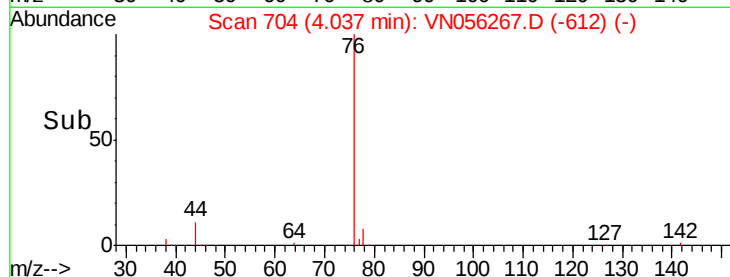
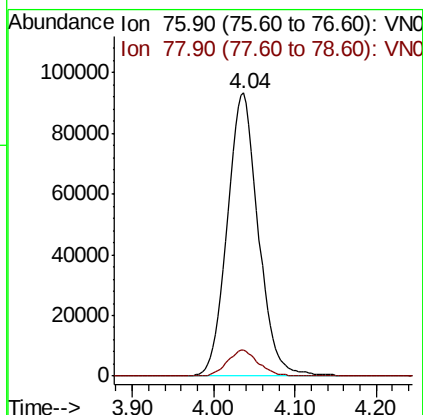
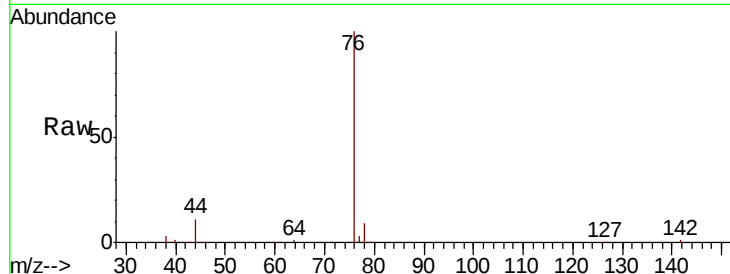




#17
Carbon Disulfide
Concen: 42.373 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

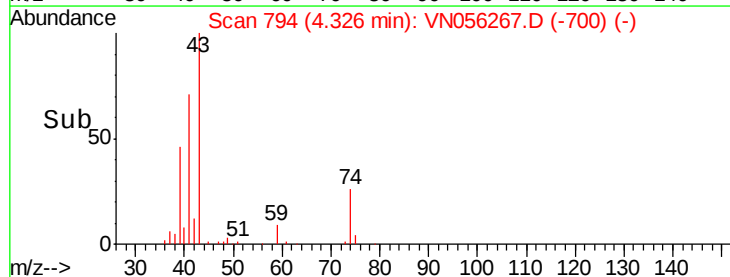
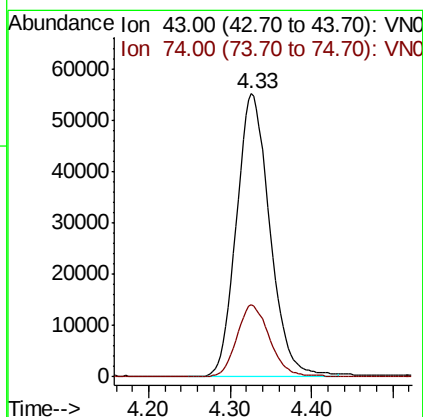
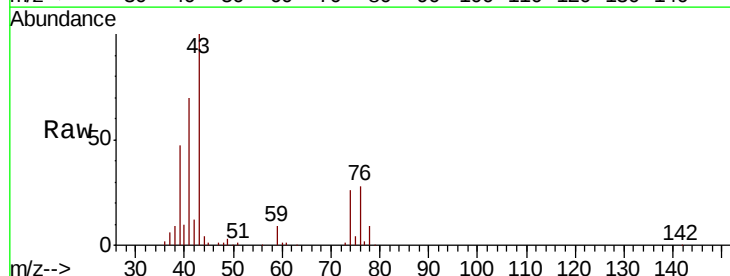
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

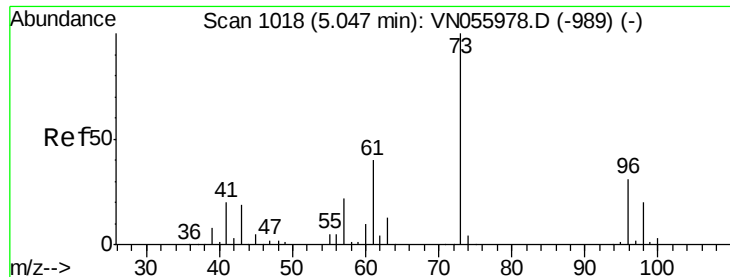
Tot Ion: 76 Resp: 249004
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 57.715 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 43 Resp: 157150
Ion Ratio Lower Upper
43 100
74 24.9 19.3 28.9

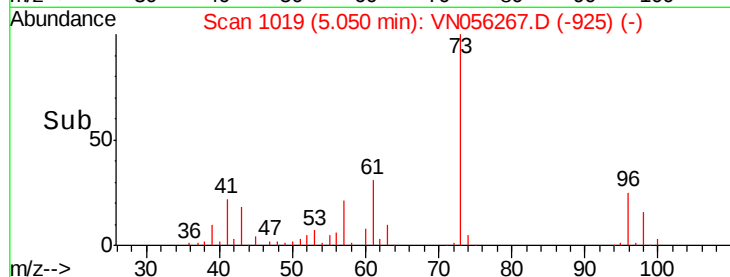
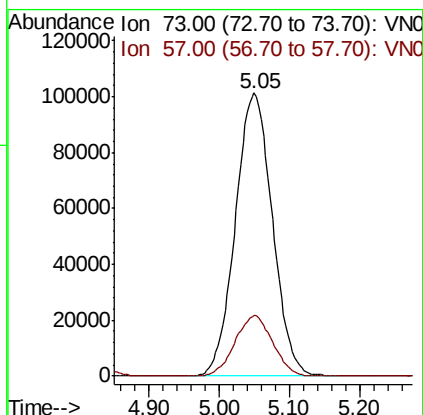
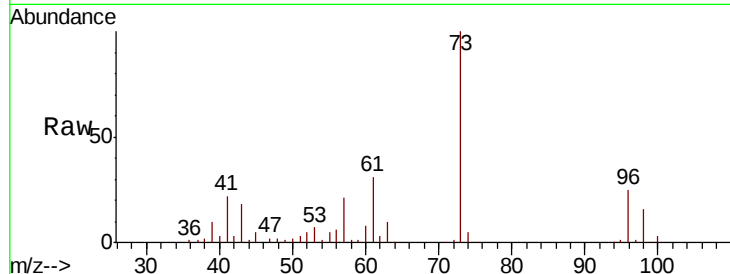




#19
Methvl tert-butvl Ether
Concen: 47.406 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

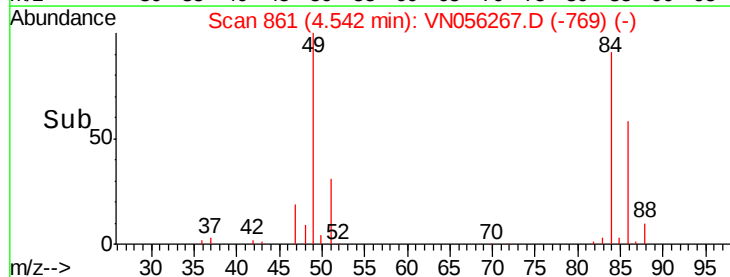
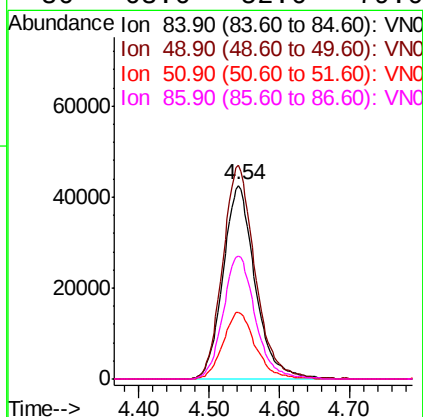
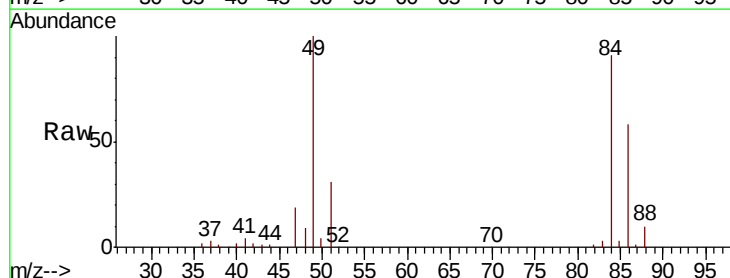
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

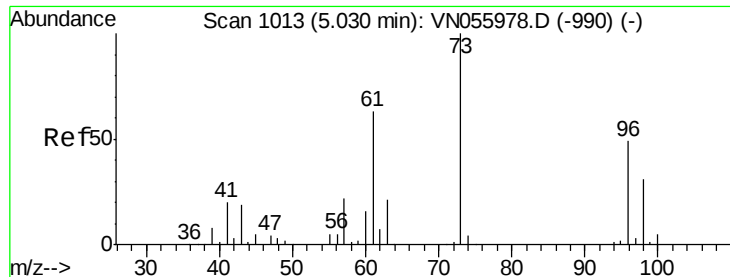
Tot Ion: 73 Resp: 370864
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 47.289 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 84 Resp: 135260
Ion Ratio Lower Upper
84 100
49 110.4 93.5 140.3
51 34.7 28.6 43.0
86 63.6 52.6 79.0

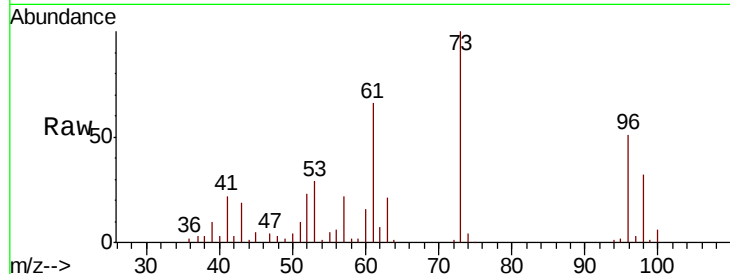




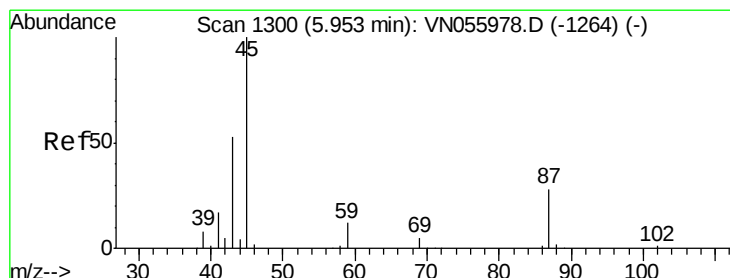
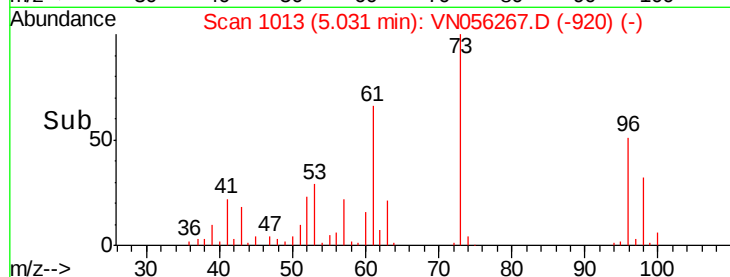
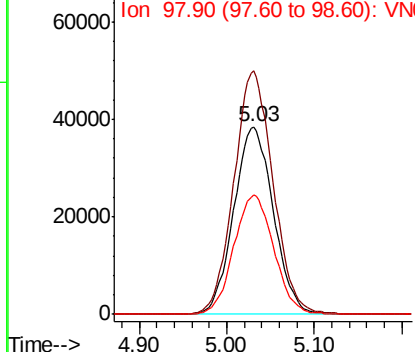
#21
trans-1,2-Dichloroethene
Concen: 45.967 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion: 96 Resp: 120877
Ion Ratio Lower Upper
96 100
61 129.7 107.8 161.8
98 63.4 49.8 74.8

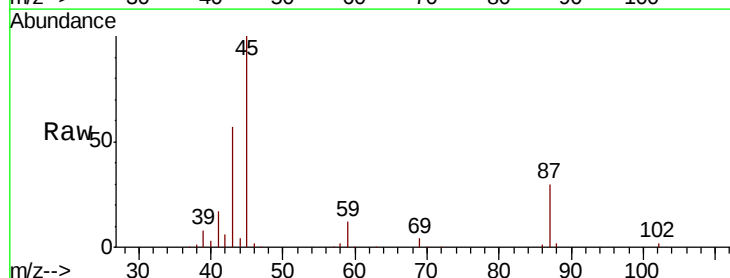


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

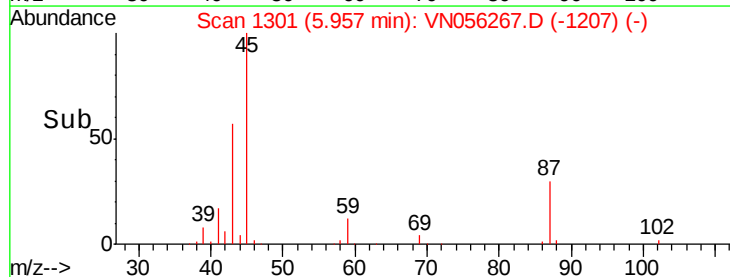
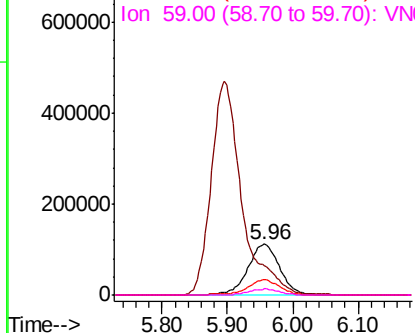


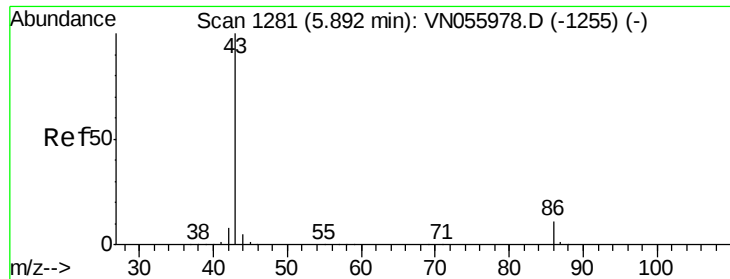
#22
Diisopropyl ether
Concen: 47.193 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 45 Resp: 378070
Ion Ratio Lower Upper
45 100
43 56.2 45.0 67.6
87 29.6 22.2 33.4
59 11.5 9.1 13.7



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: 243.547 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

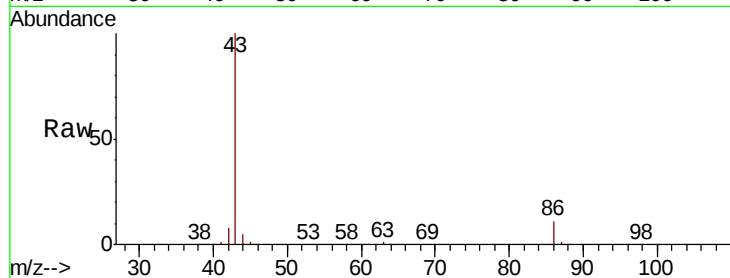
RE104D2-20190607MS

Tot Ion: 43 Resp: 1536479

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

400000

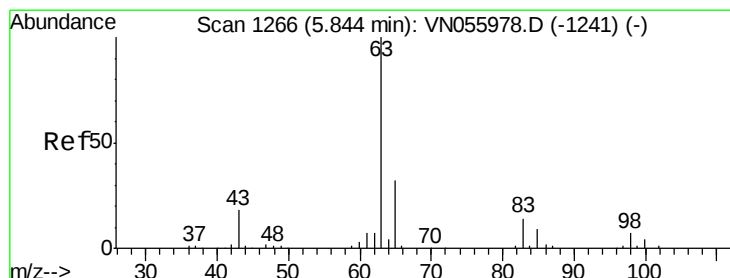
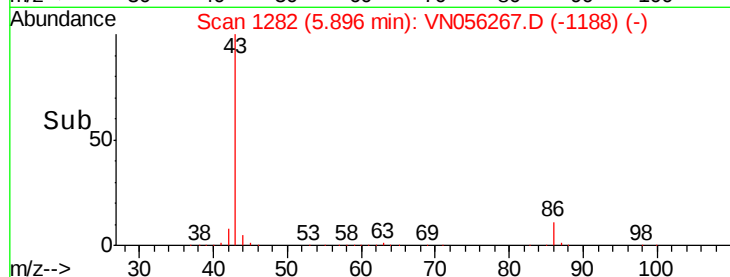
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.600 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

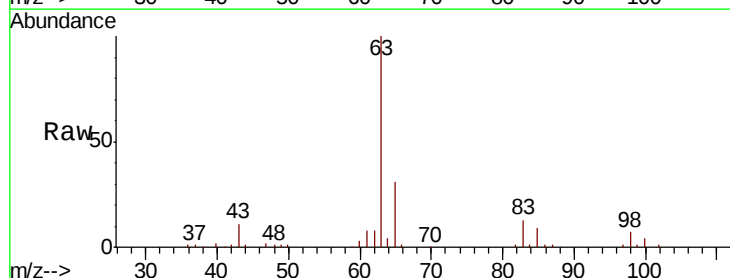
Tgt Ion: 63 Resp: 219963

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

80000

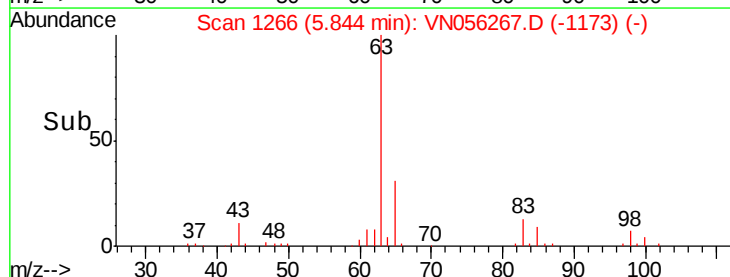
60000

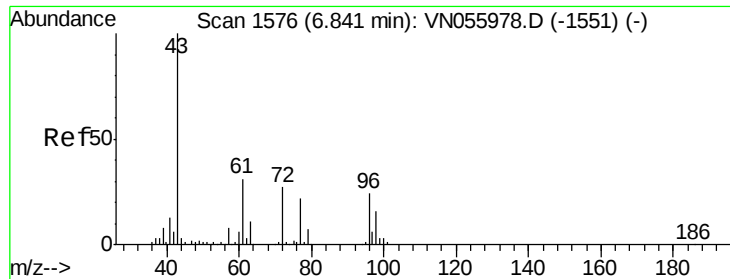
40000

20000

0

Time-->





#25

2-Butanone

Concen: 254.853 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

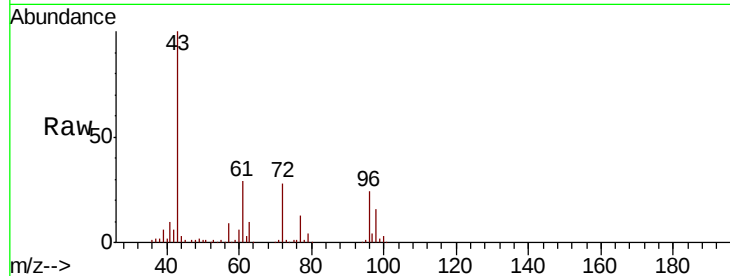
RE104D2-20190607MS

Tot Ion: 43 Resp: 447042

Ion Ratio Lower Upper

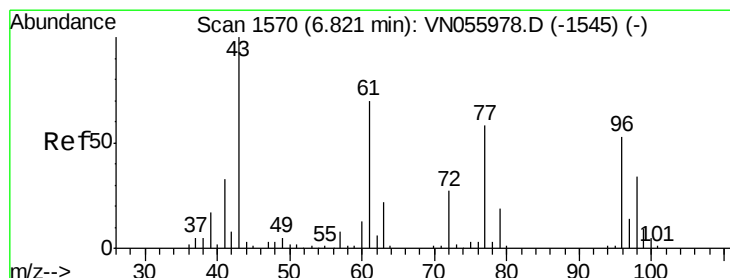
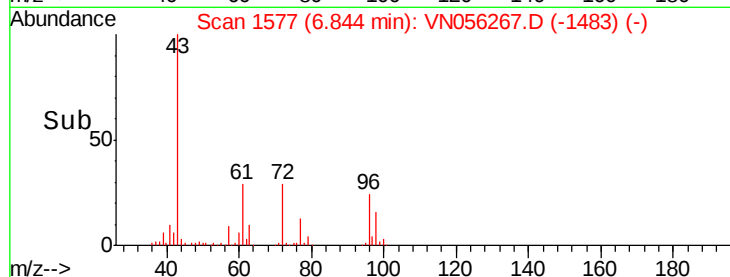
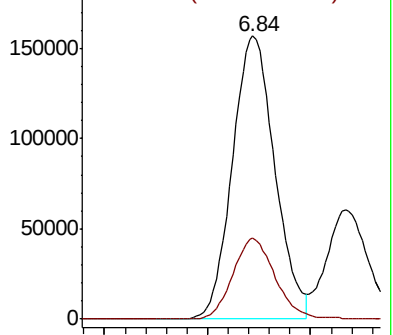
43 100

72 28.5 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 32.014 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN056267.D

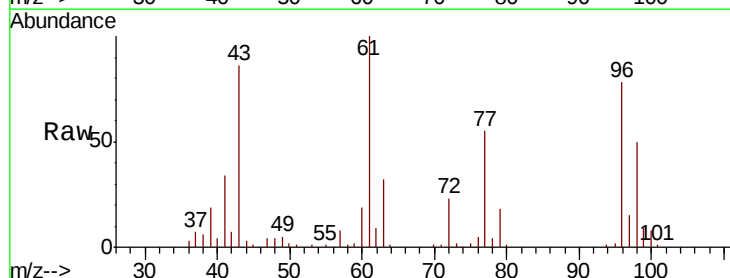
Acq: 12 Jun 2019 22:35

Tgt Ion: 77 Resp: 115439

Ion Ratio Lower Upper

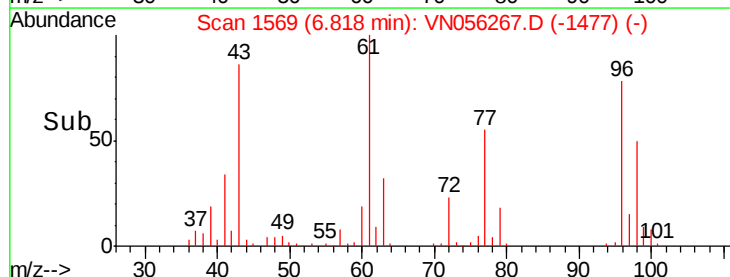
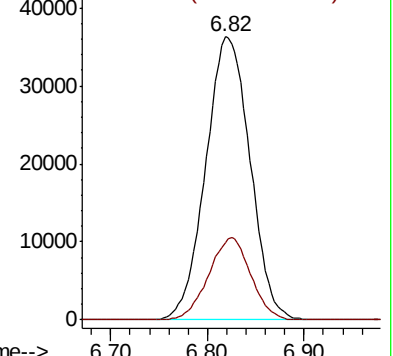
77 100

97 27.5 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 53.622 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

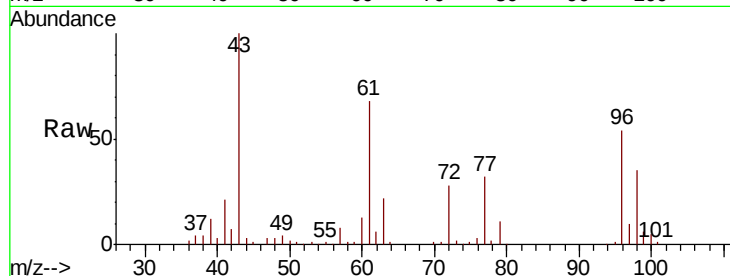
Tot Ion: 96 Resp: 165751

Ion Ratio Lower Upper

96 100

61 126.3 0.0 275.8

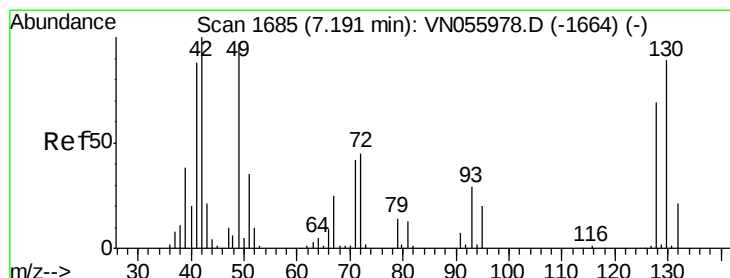
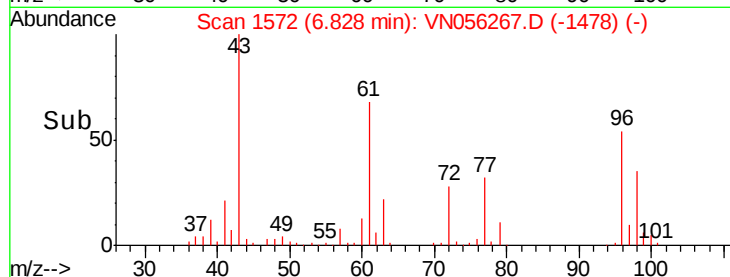
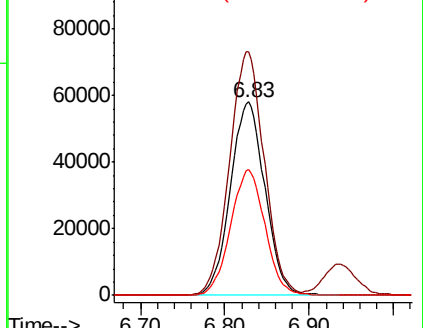
98 64.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN055978.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN055978.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1550) (-)



#28

Bromochloromethane

Concen: 49.797 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

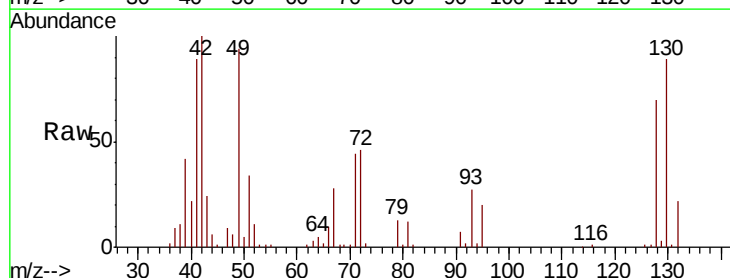
Tgt Ion: 49 Resp: 108823

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

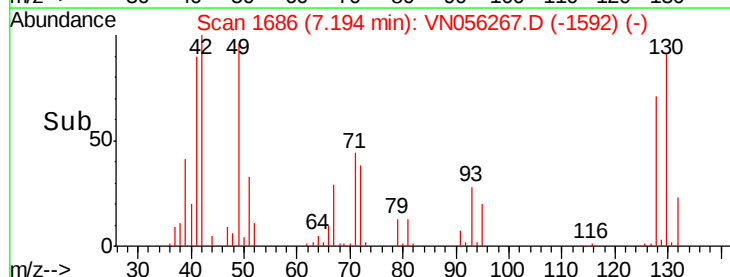
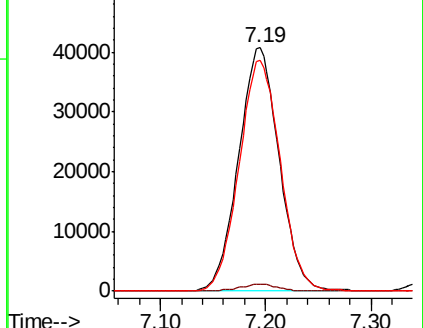
130 96.2 71.2 106.8

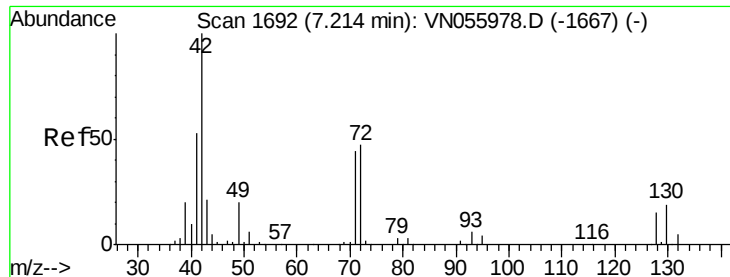


Abundance Ion 48.90 (48.60 to 49.60): VN055978.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN055978.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN055978.D (-1664) (-)





#29

Tetrahydrofuran

Concen: 271.384 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

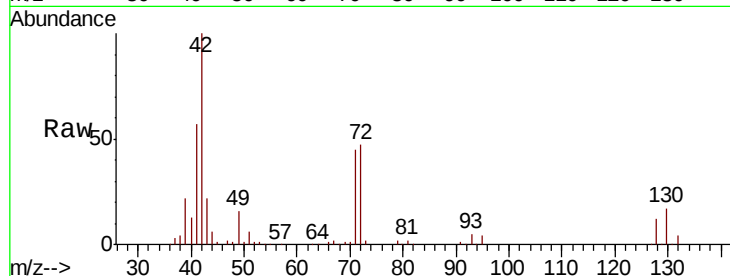
Tot Ion: 42 Resp: 294259

Ion Ratio Lower Upper

42 100

72 46.2 35.9 53.9

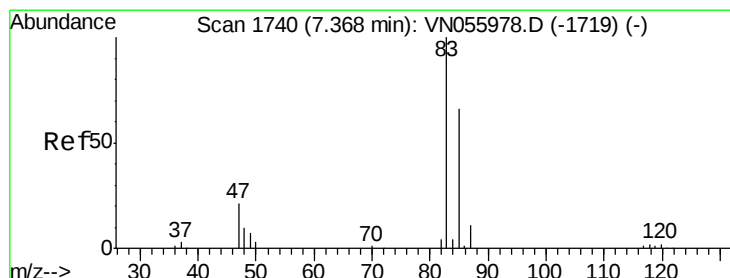
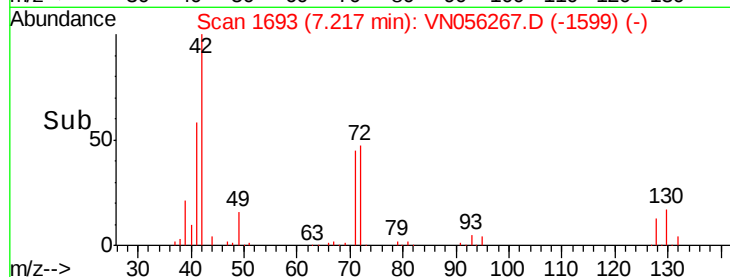
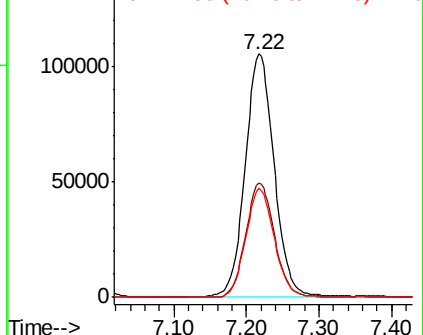
71 43.9 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 50.116 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VN056267.D

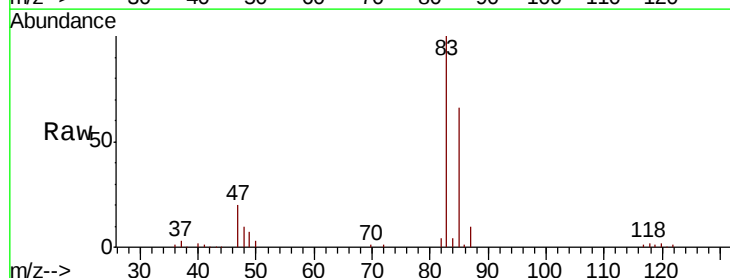
Acq: 12 Jun 2019 22:35

Tgt Ion: 83 Resp: 232972

Ion Ratio Lower Upper

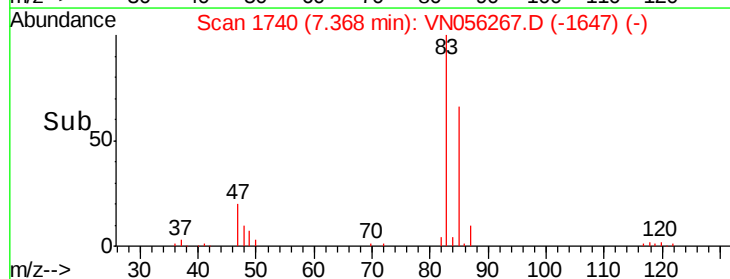
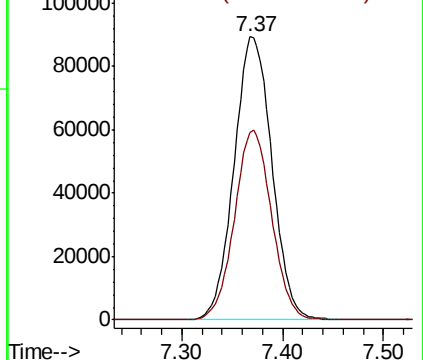
83 100

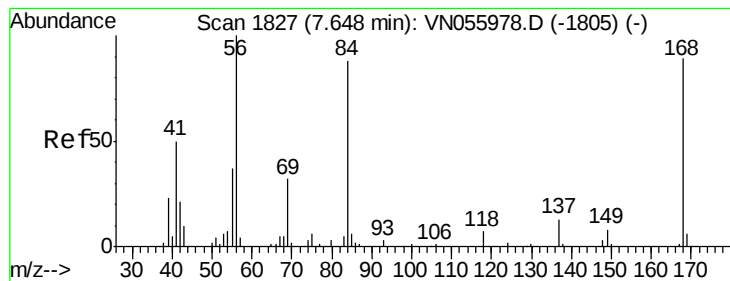
85 66.3 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 40.953 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

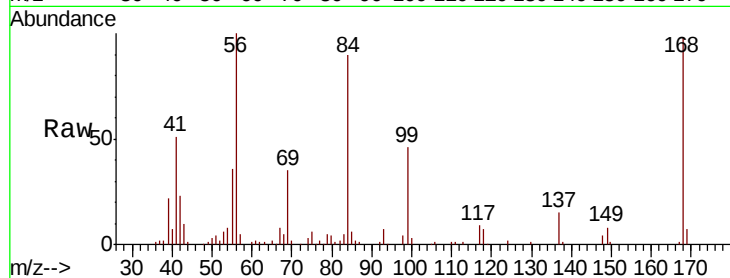
Tot Ion: 56 Resp: 188637

Ion Ratio Lower Upper

56 100

69 34.7 25.6 38.4

84 88.6 67.4 101.0

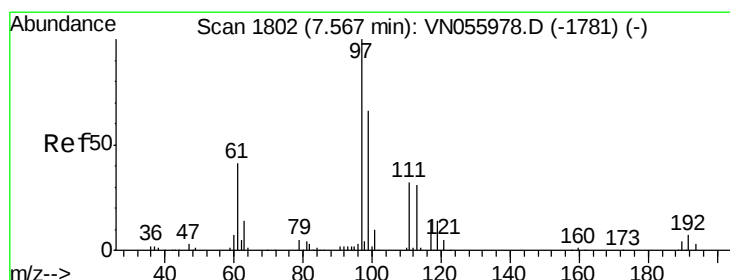
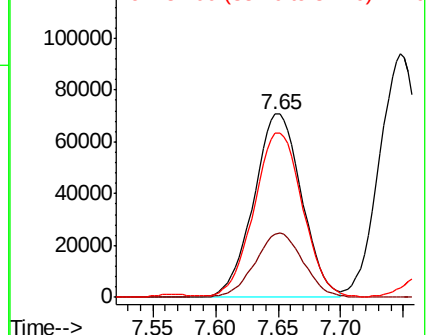
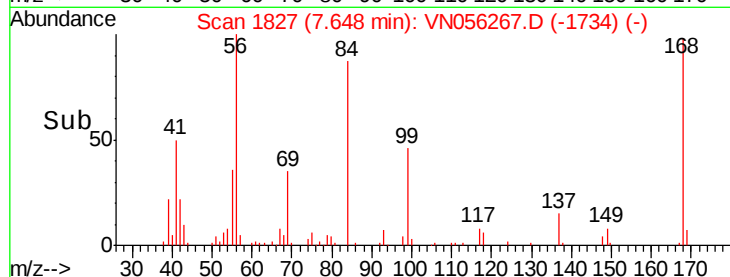


Abundance

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: 48.944 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

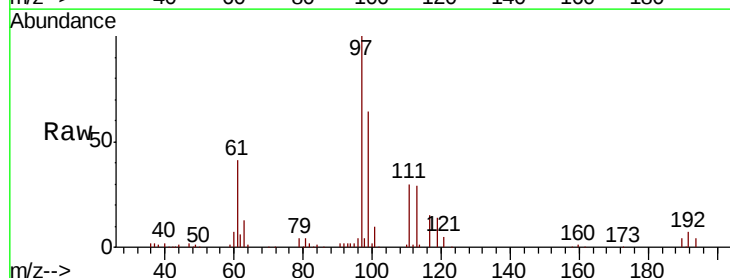
Tgt Ion: 97 Resp: 189999

Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

61 40.7 32.9 49.3

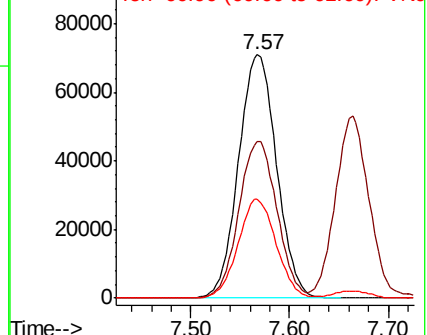
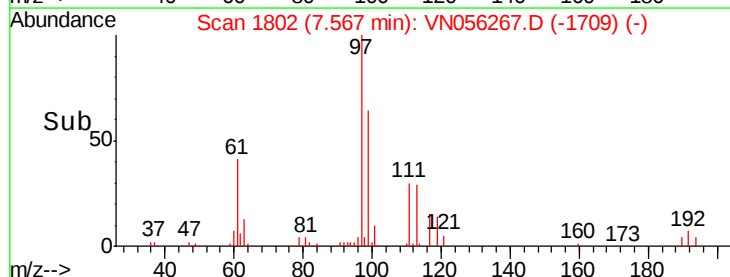


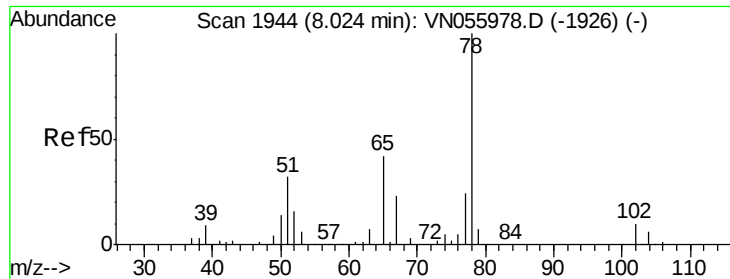
Abundance

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

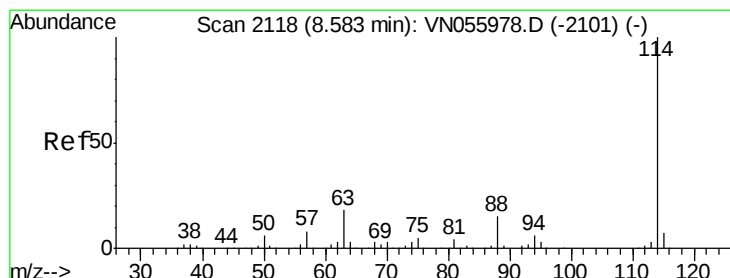
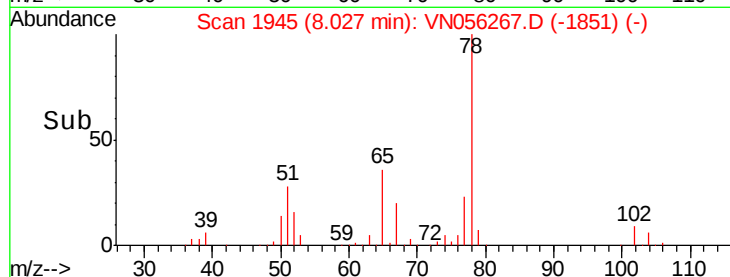
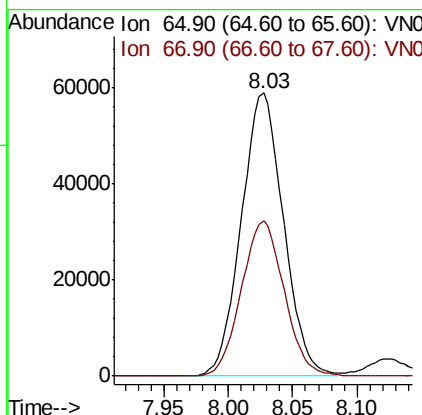
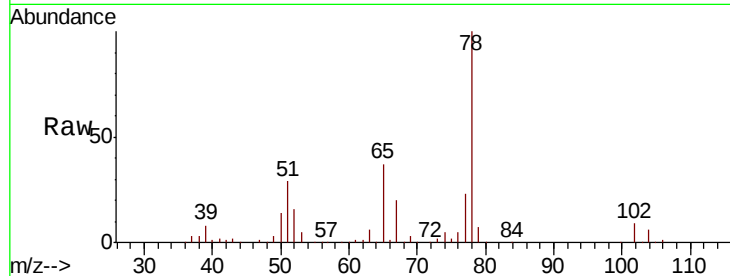




#33
 1,2-Dichloroethane-d4
 Concen: 46.386 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

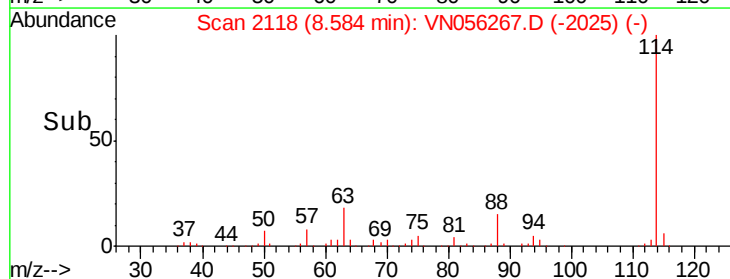
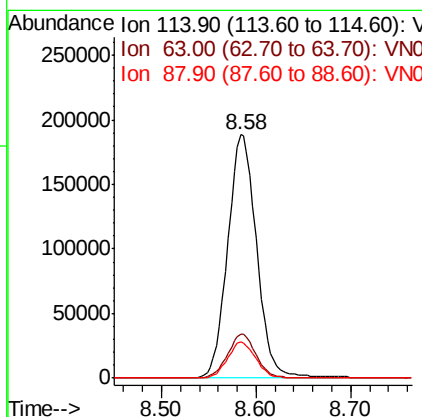
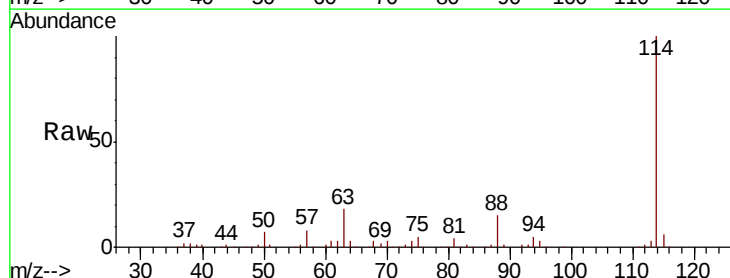
Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

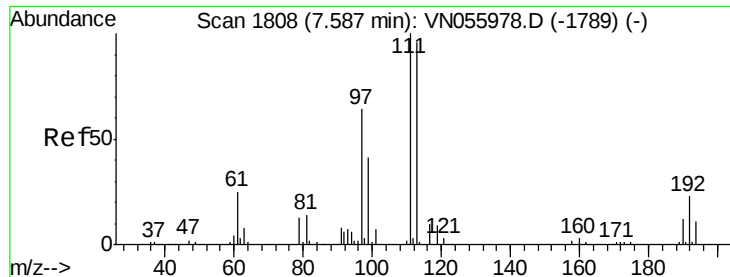
Tot Ion: 65 Resp: 134651
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion: 114 Resp: 400784
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.2
 88 14.9 0.0 31.0

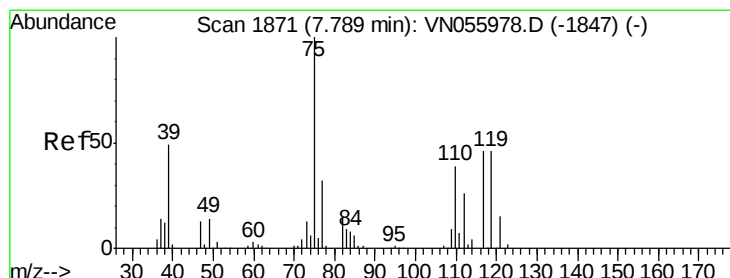
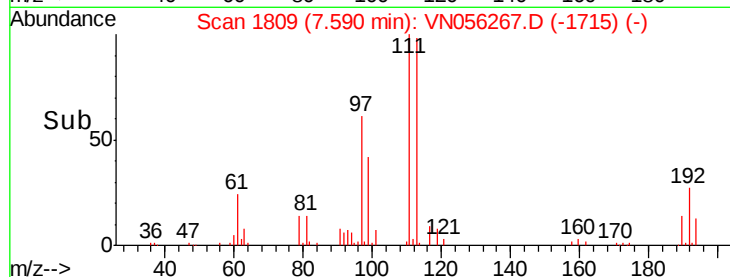
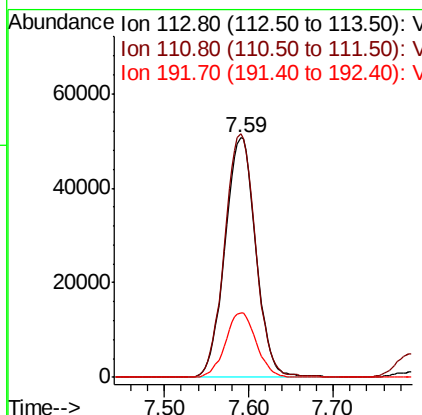
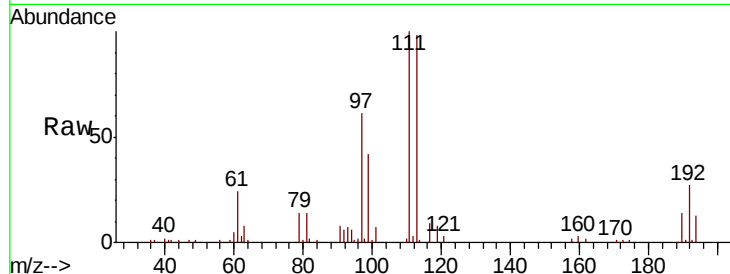




#35
 Dibromofluoromethane
 Concen: 52.458 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

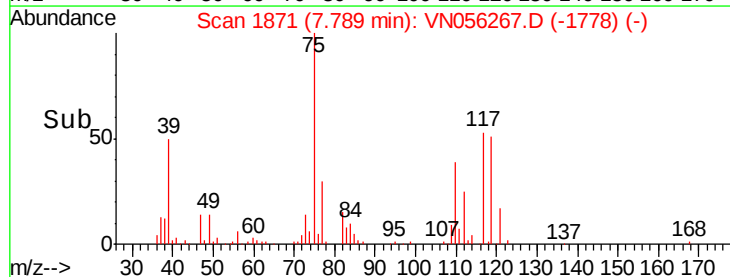
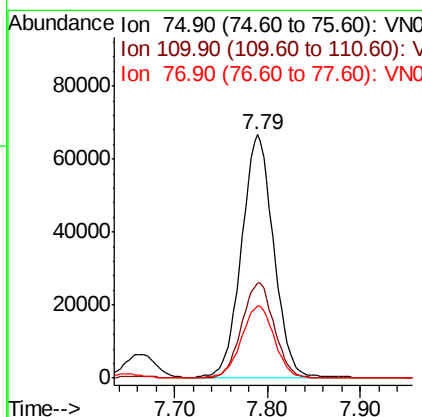
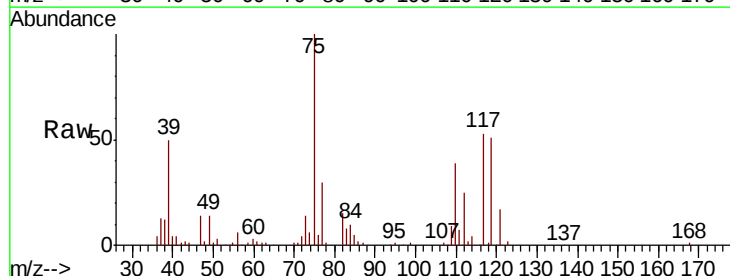
Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

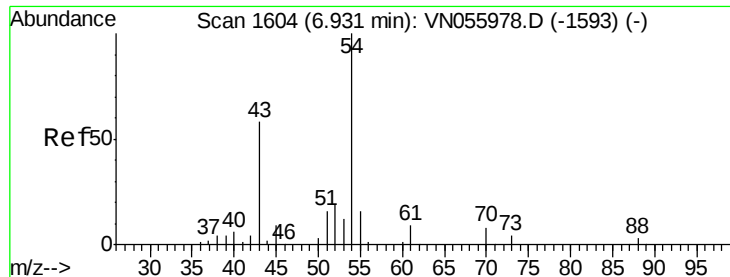
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	26.8	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 46.113 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.8	19.0	57.0
77	30.8	25.1	37.7

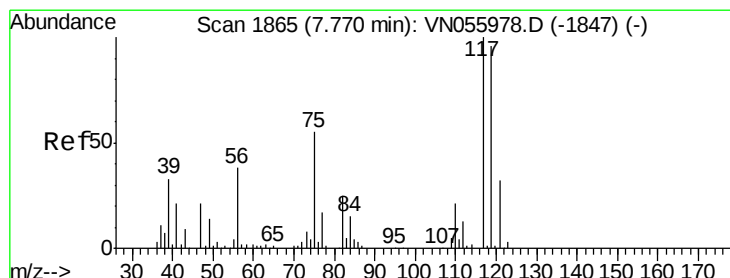
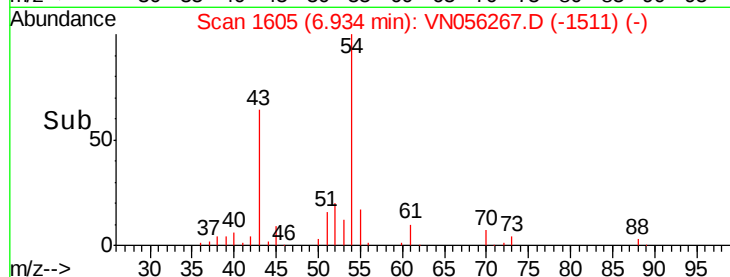
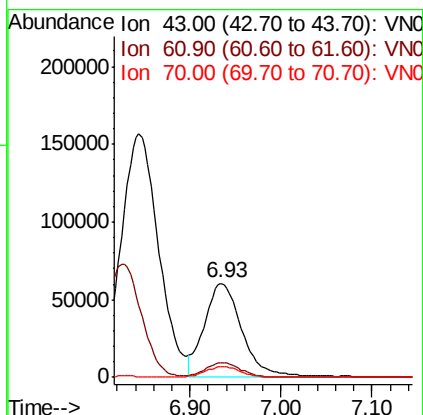
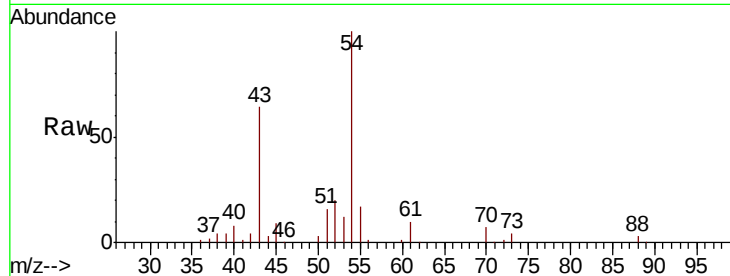




#37
Ethyl Acetate
Concen: 55.541 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

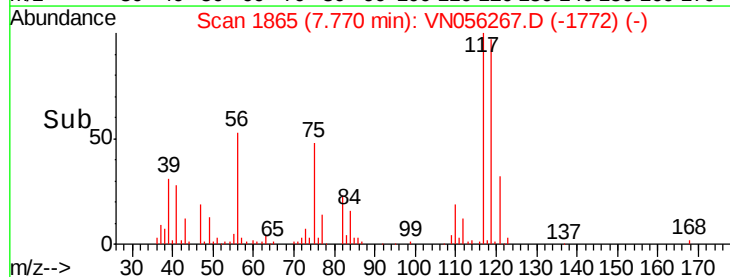
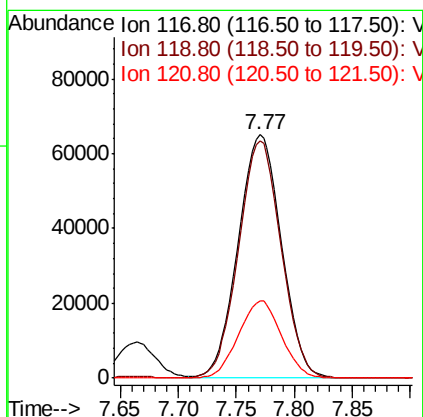
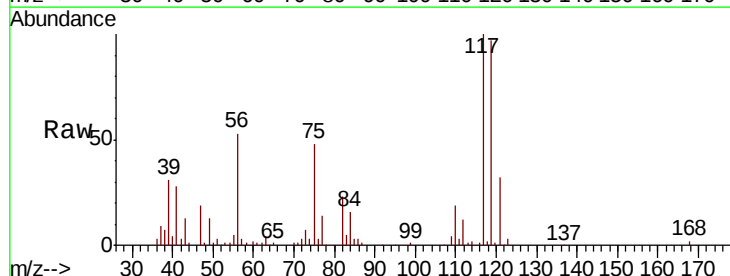
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

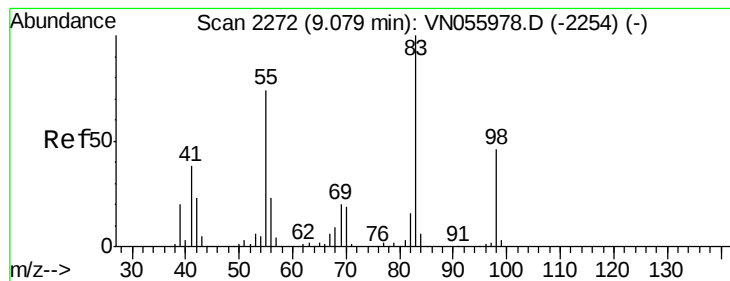
Tot Ion: 43 Resp: 170303
Ion Ratio Lower Upper
43 100
61 15.4 12.2 18.2
70 11.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.820 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 117 Resp: 167820
Ion Ratio Lower Upper
117 100
119 97.7 79.0 118.6
121 32.0 24.7 37.1

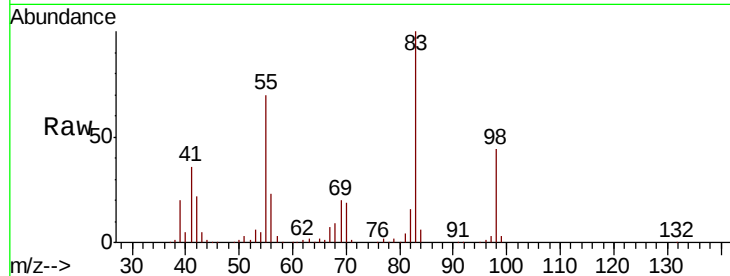




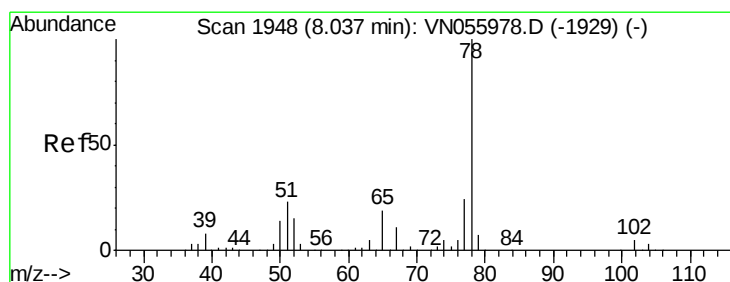
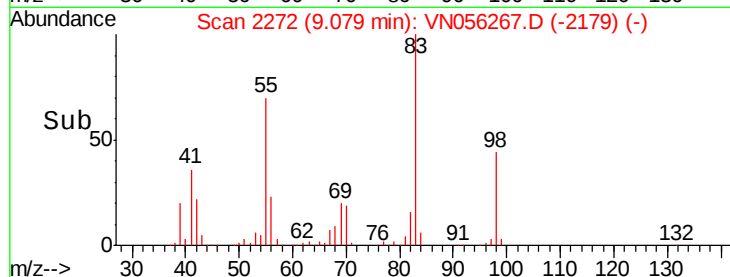
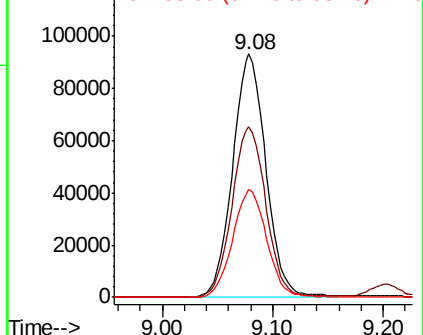
#39
Methvlcvclohexane
Concen: 45.330 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion: 83 Resp: 194601
Ion Ratio Lower Upper
83 100
55 69.9 59.3 88.9
98 44.1 36.6 54.8

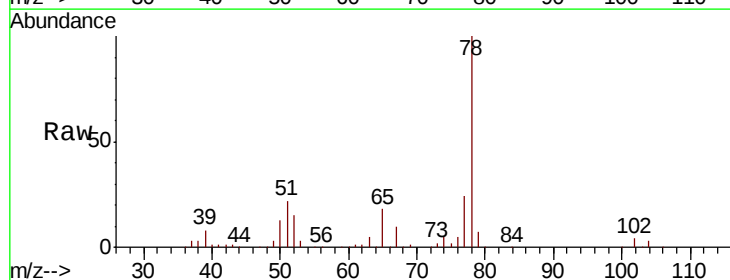


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

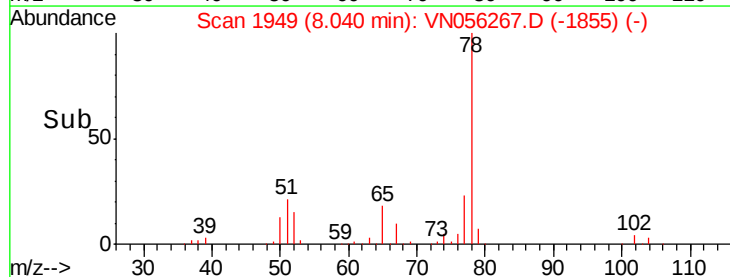
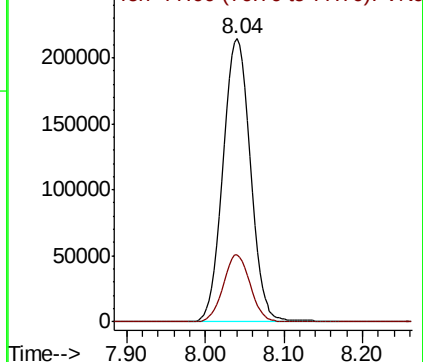


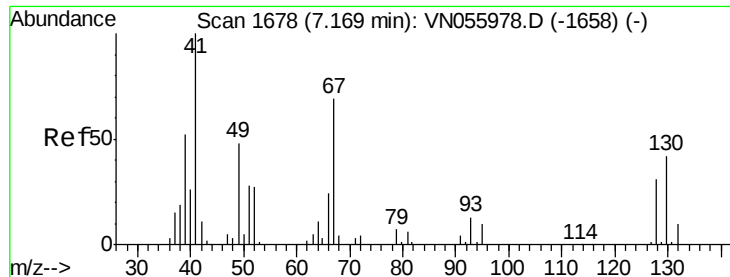
#40
Benzene
Concen: 49.487 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 78 Resp: 517976
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



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

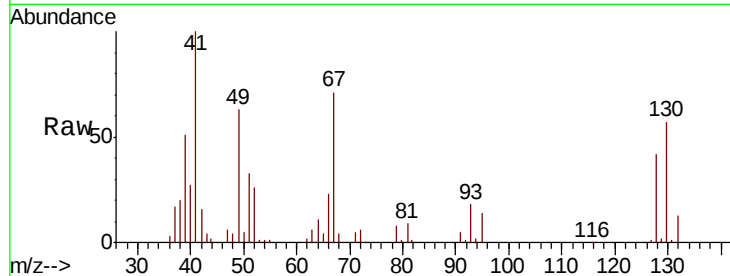




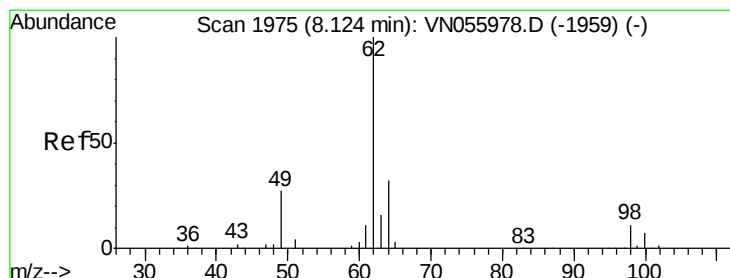
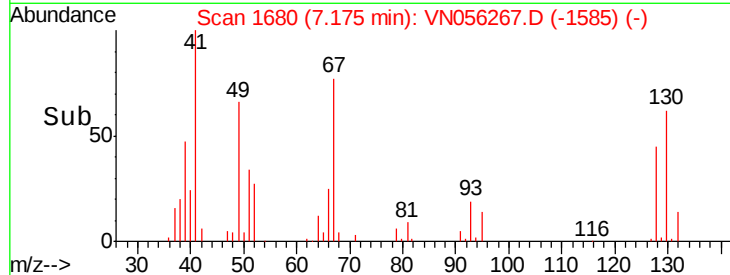
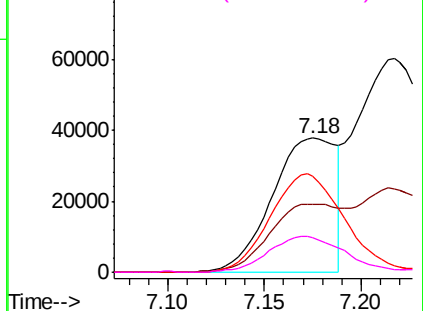
#41
Methacrylonitrile
Concen: 61.655 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion: 41 Resp: 86982
Ion Ratio Lower Upper
41 100
39 56.5 45.6 68.4
67 85.9 67.7 101.5
52 32.6 26.6 40.0

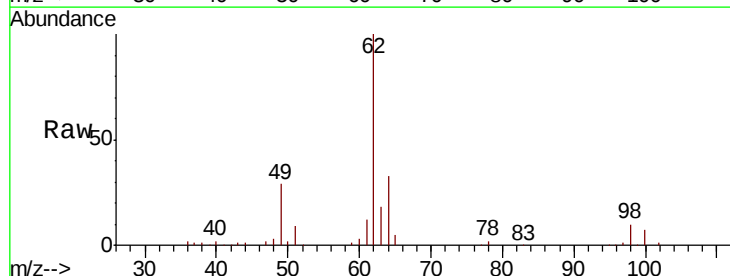


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

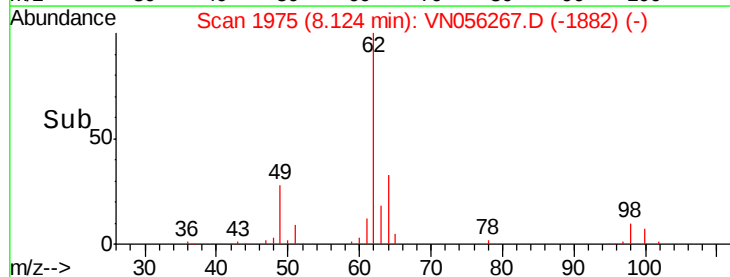
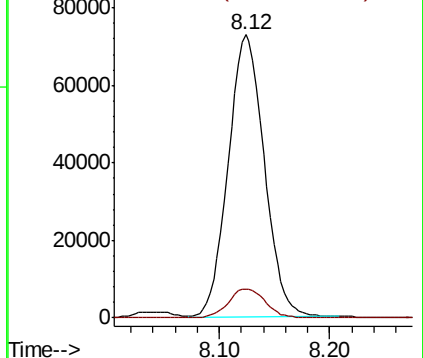


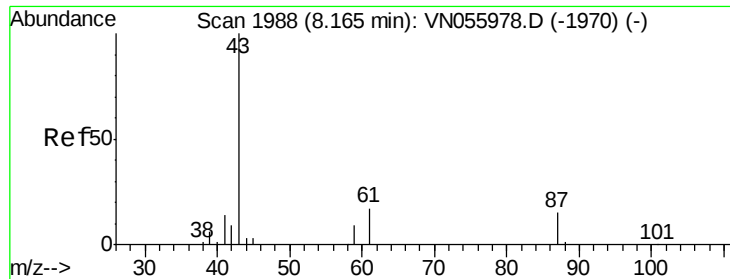
#42
1,2-Dichloroethane
Concen: 49.168 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 62 Resp: 165541
Ion Ratio Lower Upper
62 100
98 10.4 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: 51.788 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

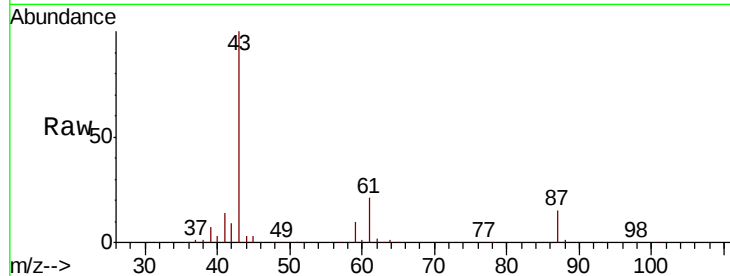
Tot Ion: 43 Resp: 257325

Ion Ratio Lower Upper

43 100

61 21.1 22.2 33.4#

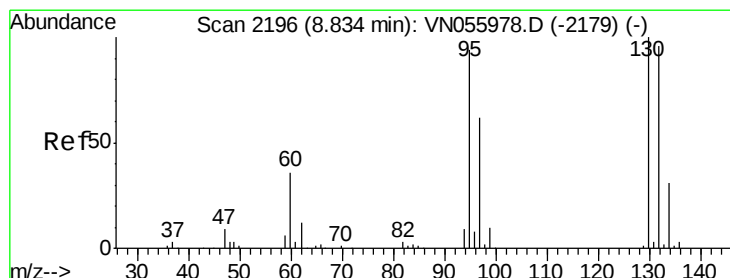
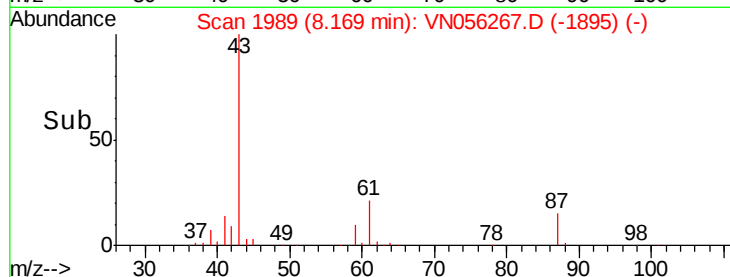
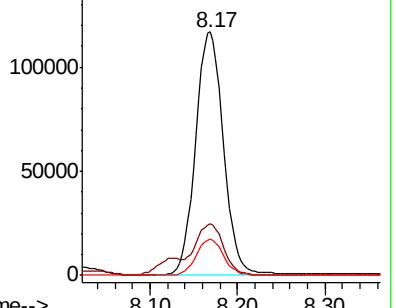
87 14.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 91.858 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056267.D

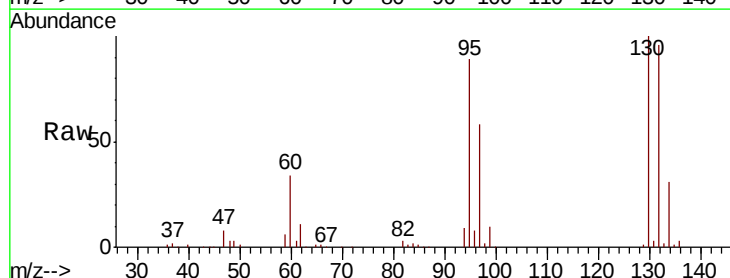
Acq: 12 Jun 2019 22:35

Tgt Ion:130 Resp: 276275

Ion Ratio Lower Upper

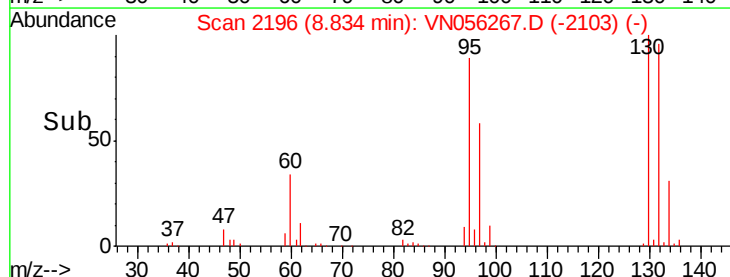
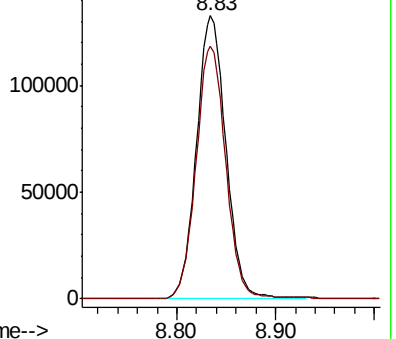
130 100

95 89.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

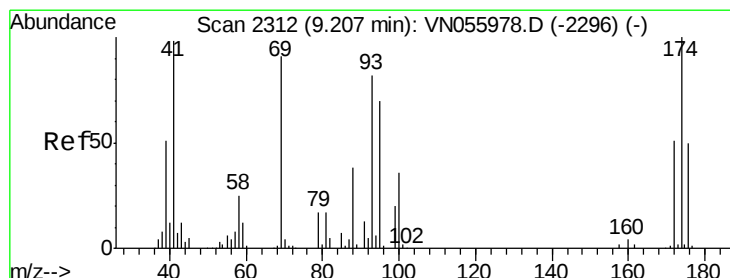
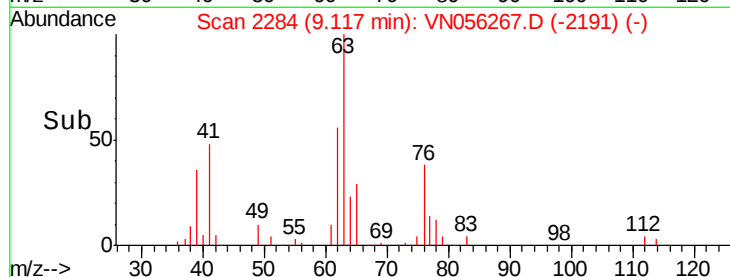
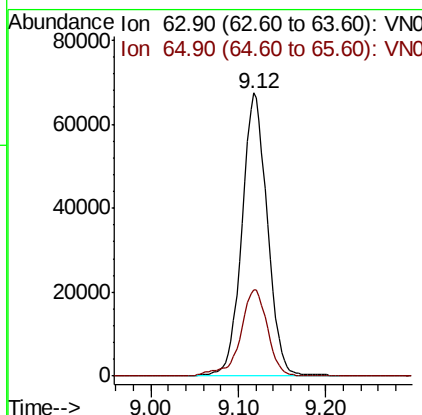
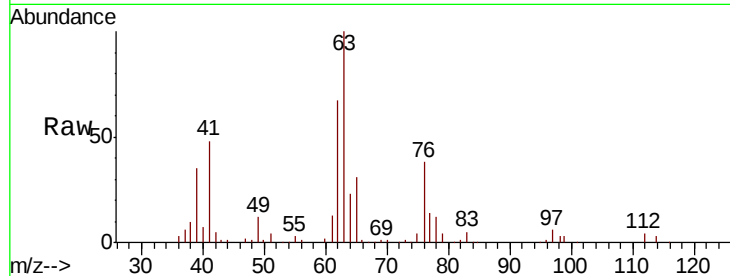




#45
 1,2-Dichloropropane
 Concen: 50.815 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

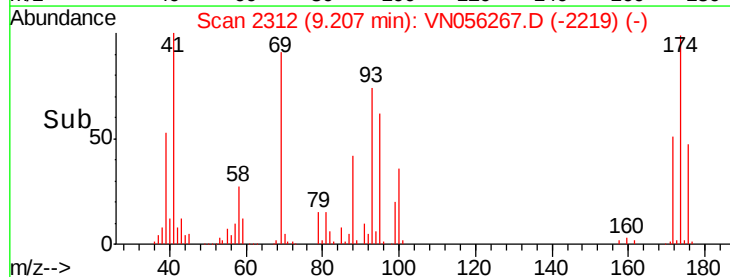
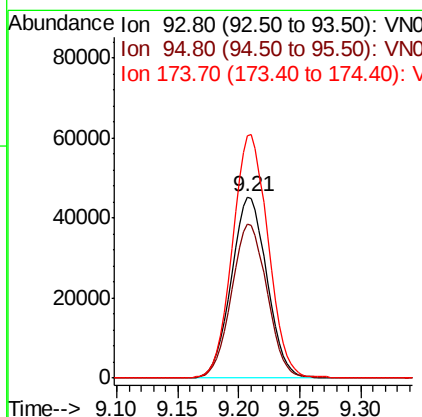
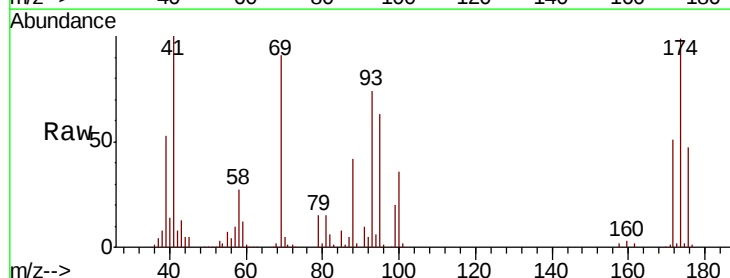
Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion: 63 Resp: 136236
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 36.8



#46
 Dibromomethane
 Concen: 52.403 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion: 93 Resp: 91872
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.7 100.1
 174 134.0 96.4 144.6

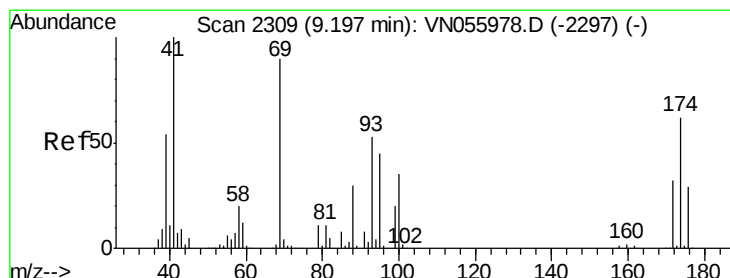
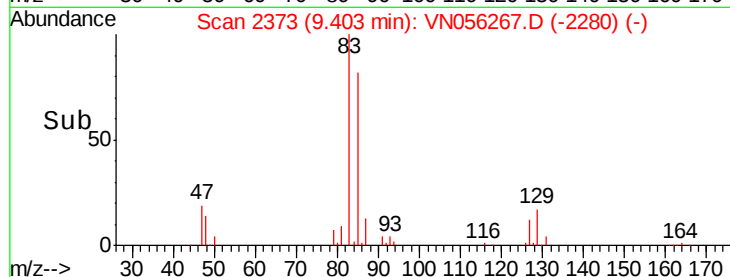
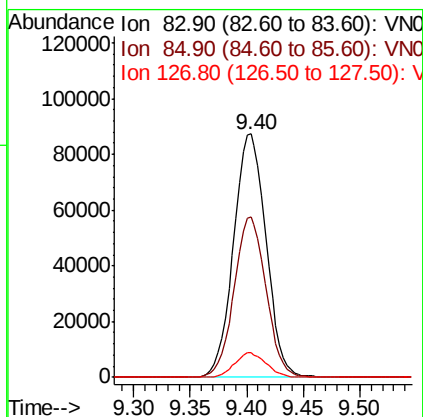
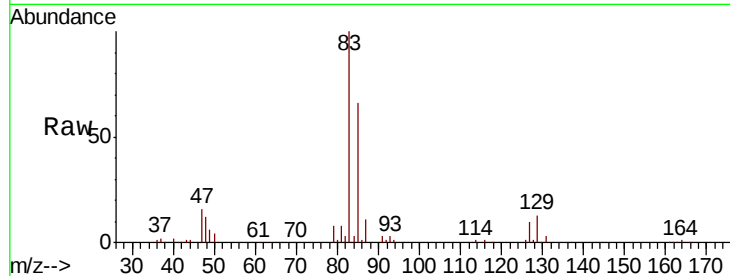




#47
Bromodichloromethane
Concen: 55.125 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

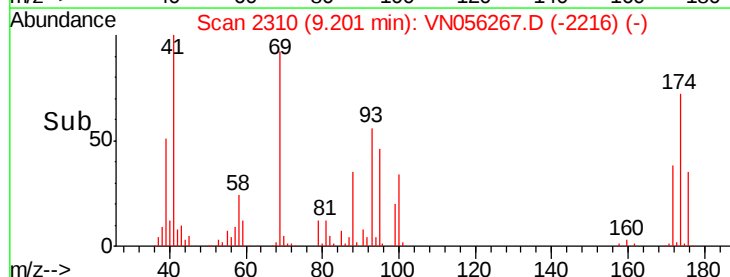
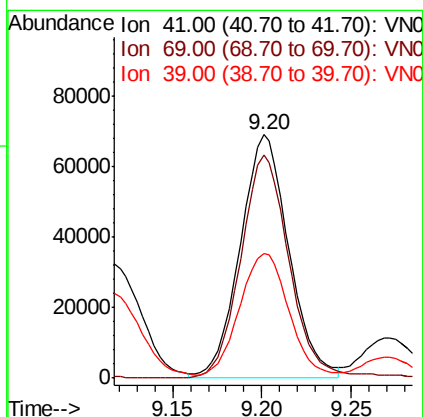
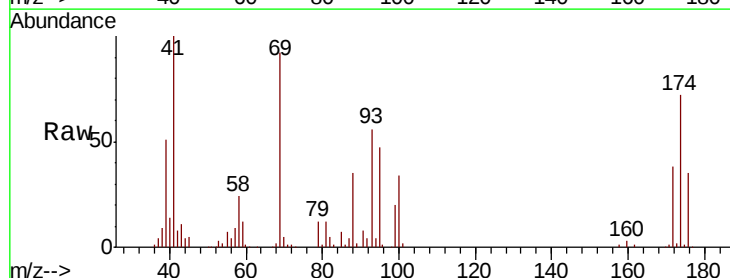
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

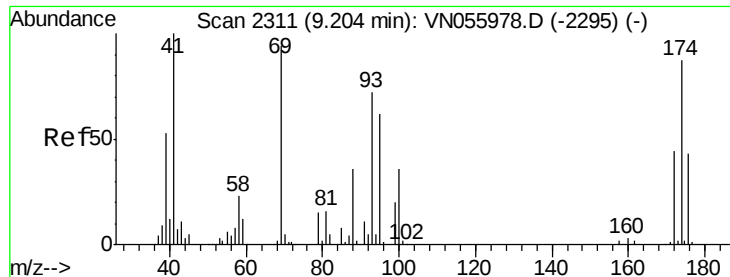
Tot Ion: 83 Resp: 175158
Ion Ratio Lower Upper
83 100
85 65.8 52.2 78.2
127 10.0 7.4 11.0



#48
Methyl methacrylate
Concen: 53.915 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 41 Resp: 131061
Ion Ratio Lower Upper
41 100
69 92.9 71.0 106.6
39 52.5 44.2 66.2





#49

1,4-Dioxane

Concen: 1197.206 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

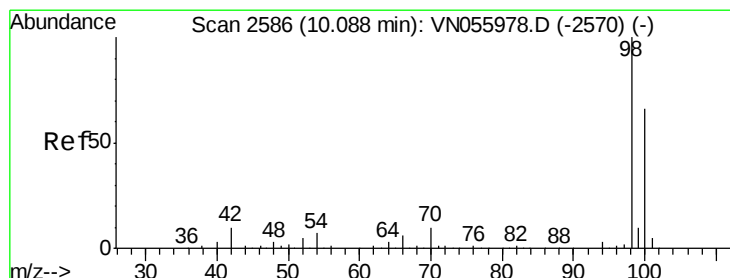
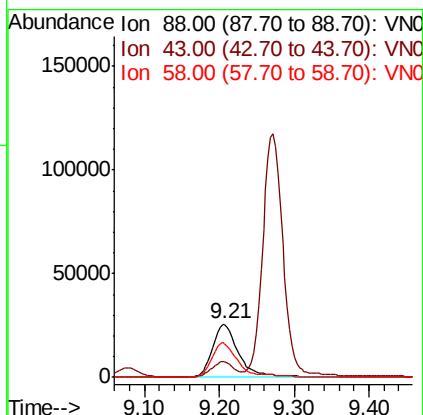
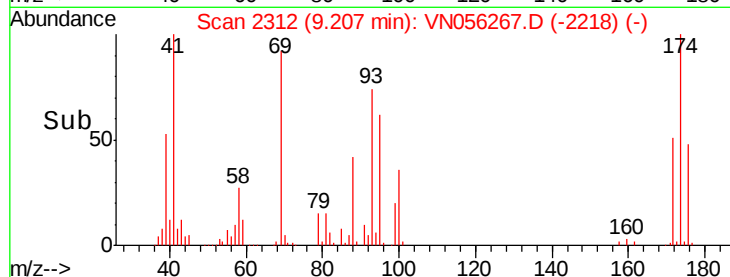
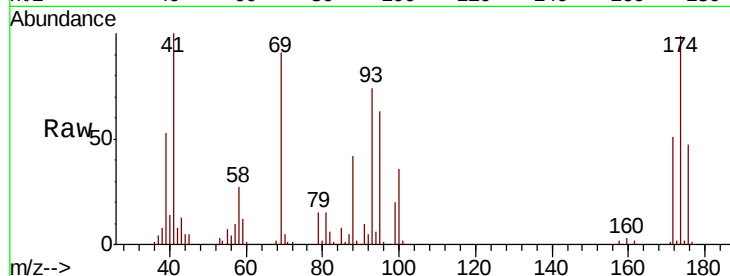
Tot Ion: 88 Resp: 62829

Ion Ratio Lower Upper

88 100

43 24.2 20.5 30.7

58 66.3 55.8 83.6



#50

Toluene-d8

Concen: 48.799 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056267.D

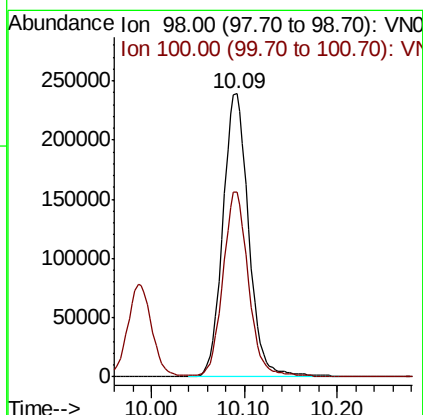
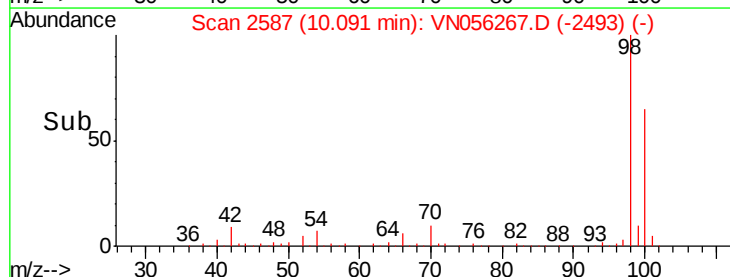
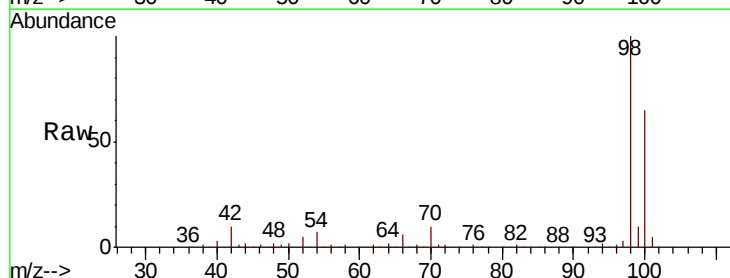
Acq: 12 Jun 2019 22:35

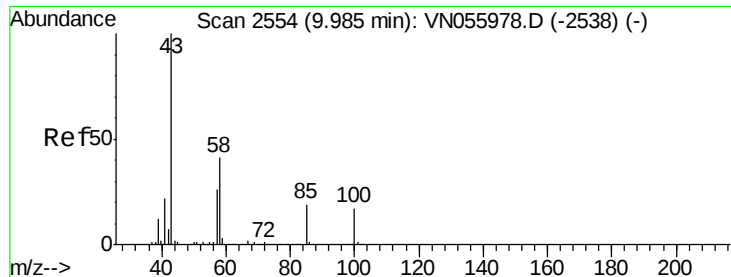
Tgt Ion: 98 Resp: 461741

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 282.263 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

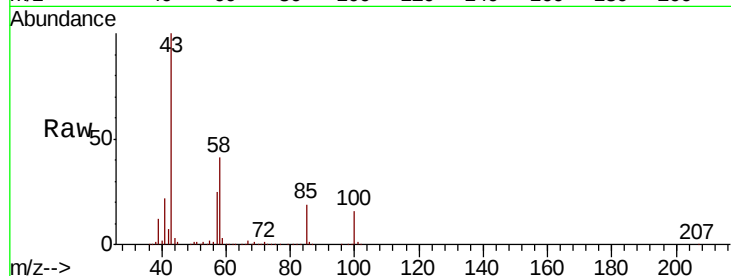
RE104D2-20190607MS

Tot Ion: 43 Resp: 877058

Ion Ratio Lower Upper

43 100

58 40.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

500000

400000

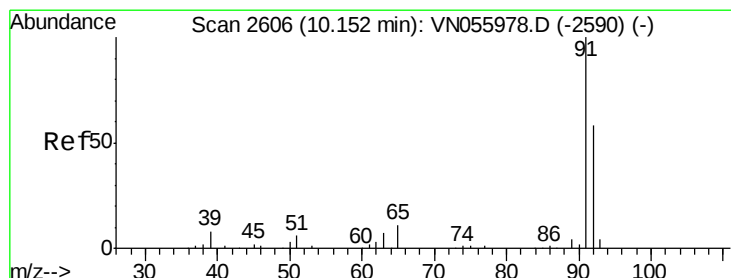
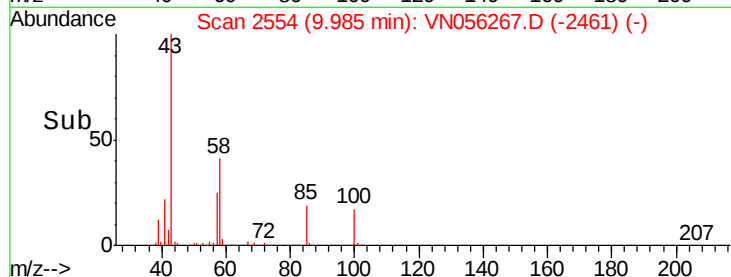
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.205 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056267.D

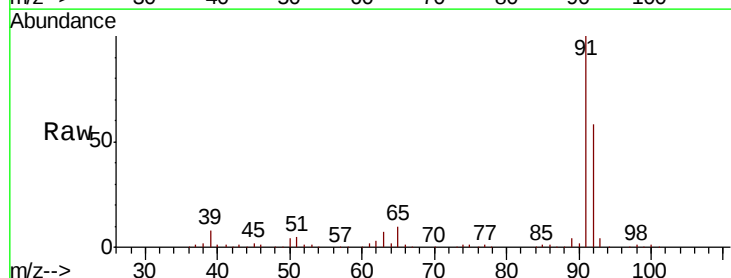
Acq: 12 Jun 2019 22:35

Tgt Ion: 92 Resp: 326991

Ion Ratio Lower Upper

92 100

91 174.5 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

10.16

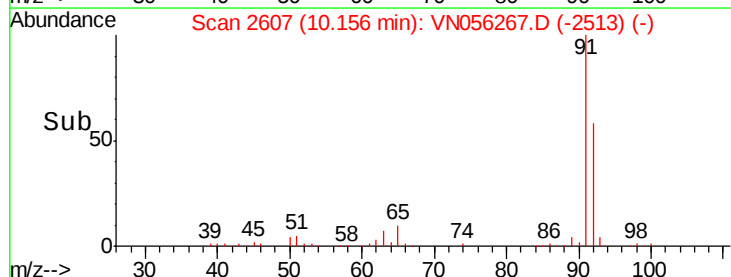
300000

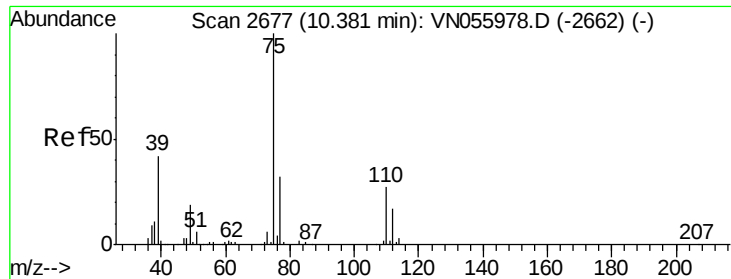
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 43.645 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

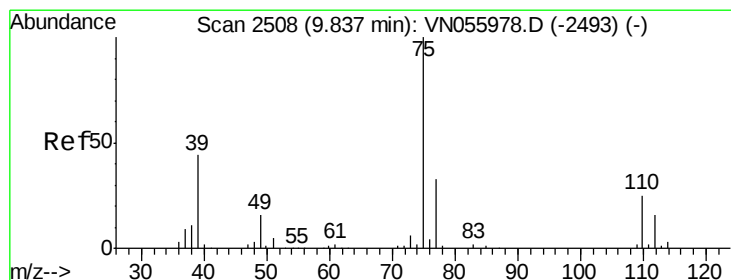
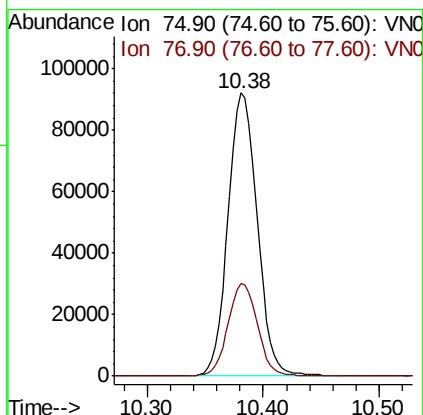
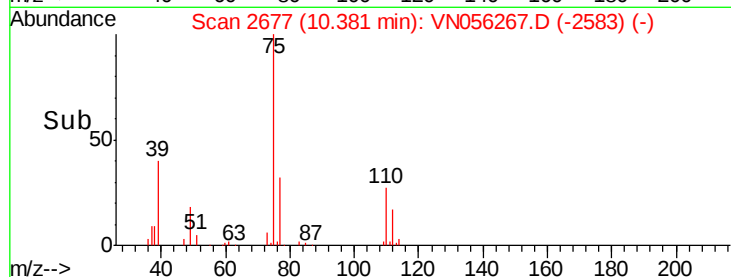
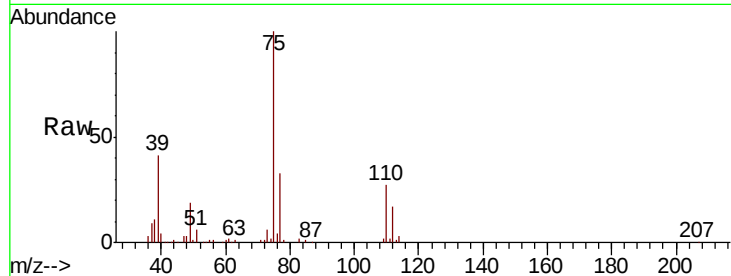
RE104D2-20190607MS

Tot Ion: 75 Resp: 161402

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 49.388 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

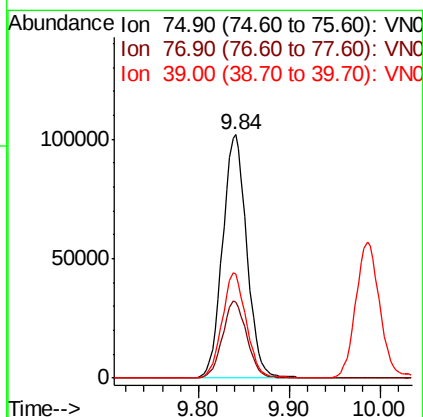
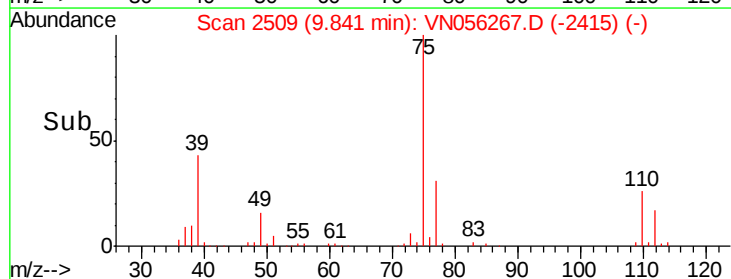
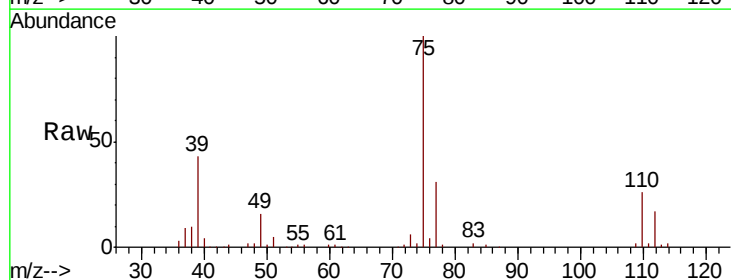
Tgt Ion: 75 Resp: 188630

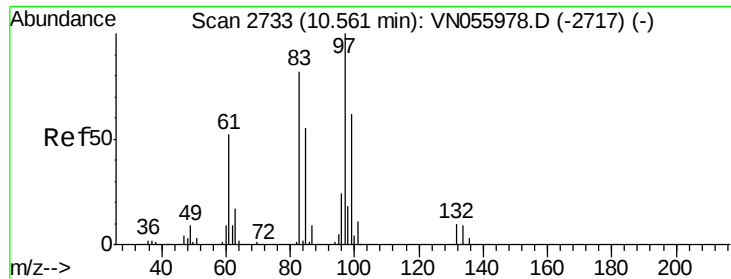
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 42.6 36.3 54.5

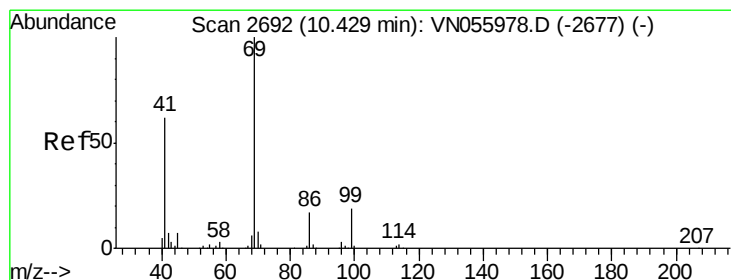
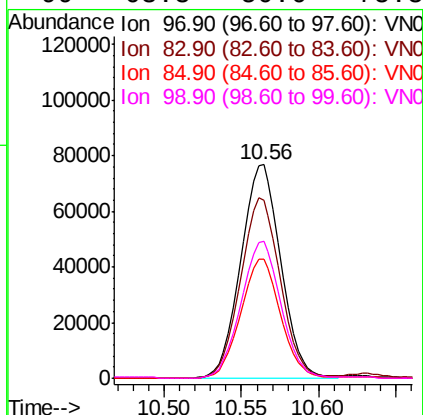
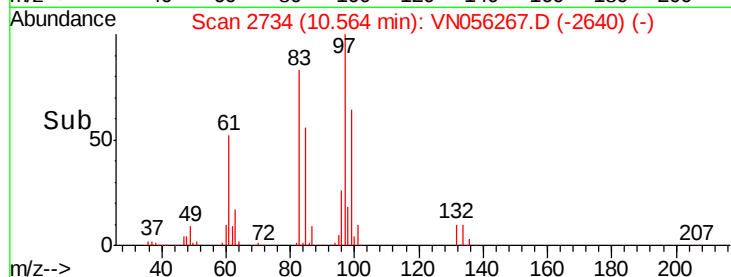
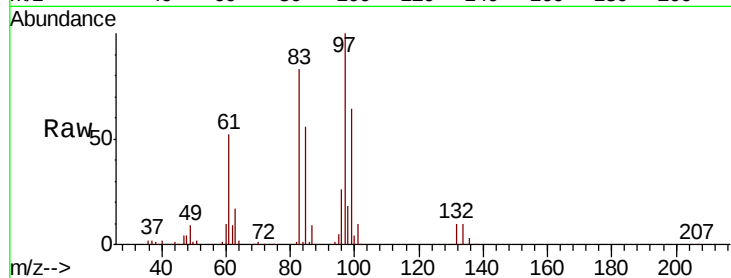




#55
 1,1,2-Trichloroethane
 Concen: 53.621 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

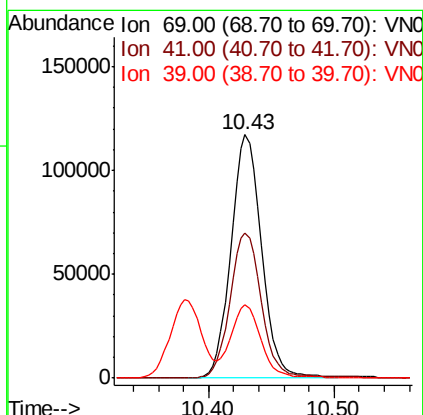
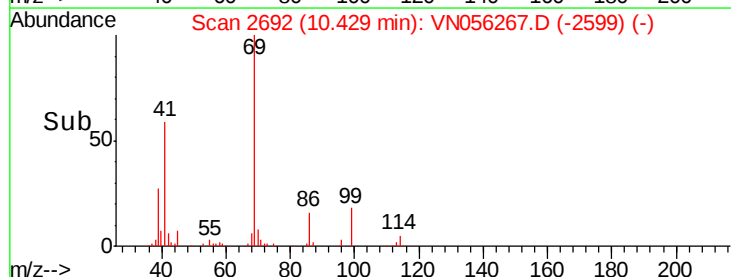
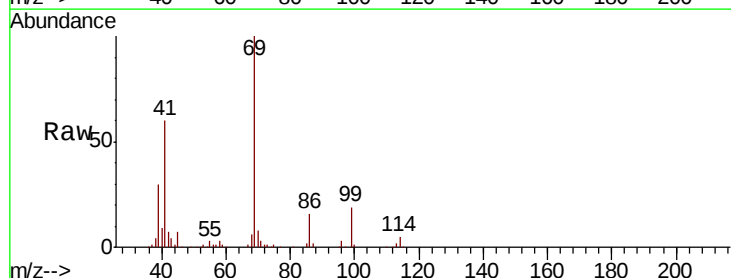
Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

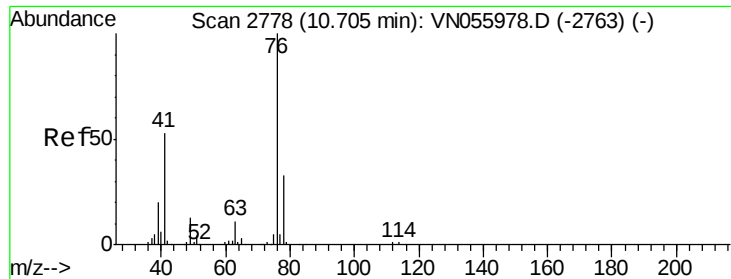
Tot Ion: 97 Resp: 138339
 Ion Ratio Lower Upper
 97 100
 83 83.1 67.0 100.6
 85 55.7 44.0 66.0
 99 63.8 50.6 75.8



#56
 Ethyl methacrylate
 Concen: 52.884 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion: 69 Resp: 199047
 Ion Ratio Lower Upper
 69 100
 41 62.0 49.7 74.5
 39 29.2 24.7 37.1

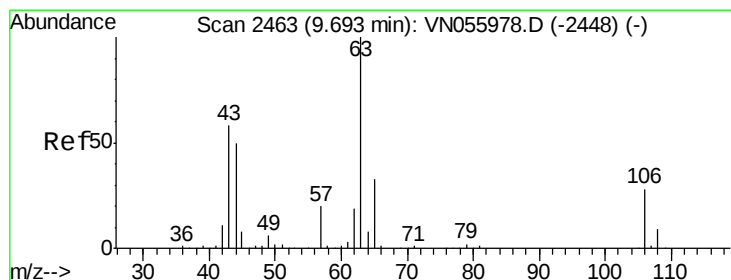
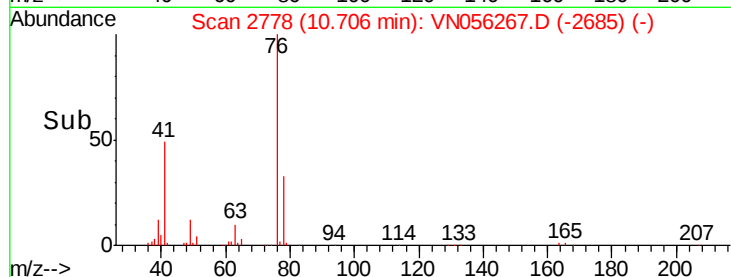
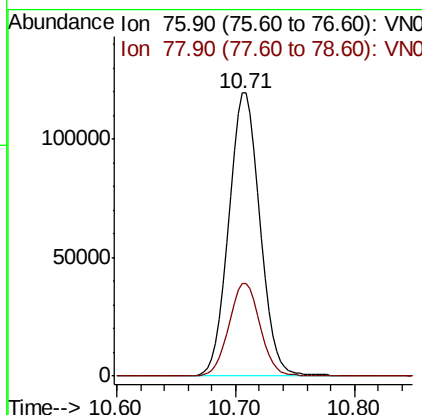
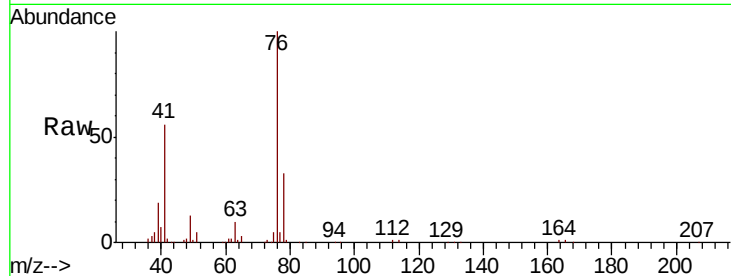




#57
 1,3-Dichloropropane
 Concen: 51.922 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

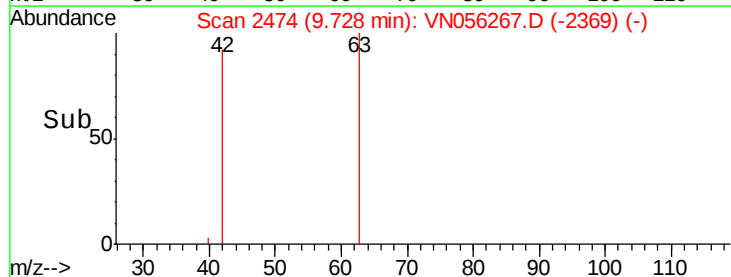
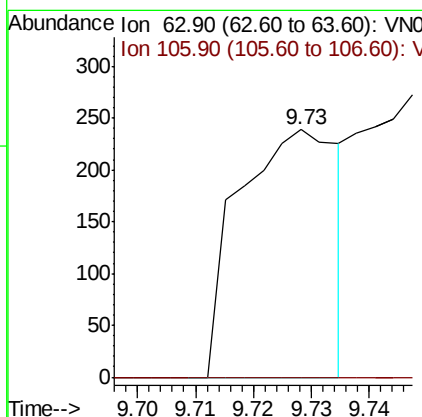
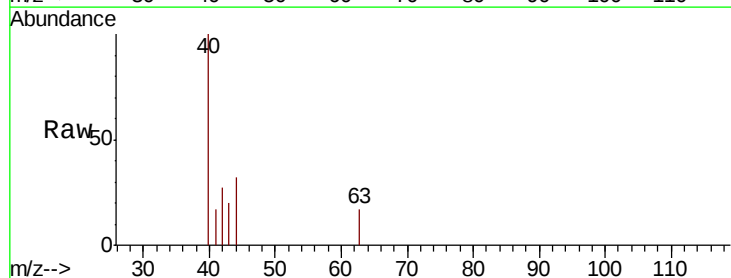
Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

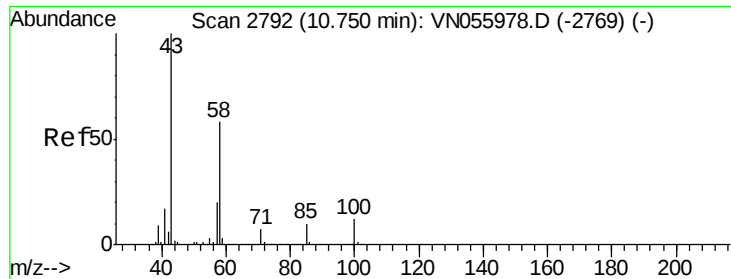
Tot Ion: 76 Resp: 217765
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 15.054 ug/l
 RT: 9.73 min Scan# 2474
 Delta R.T. 0.04 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion: 63 Resp: 284
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.7 34.1#

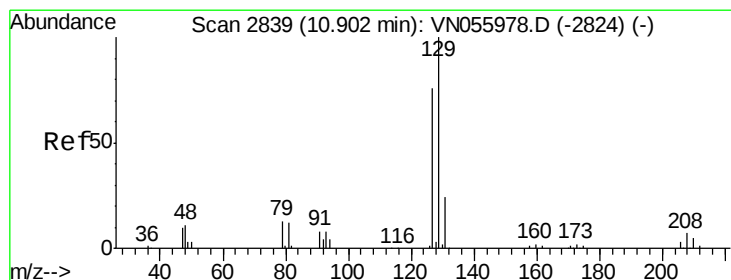
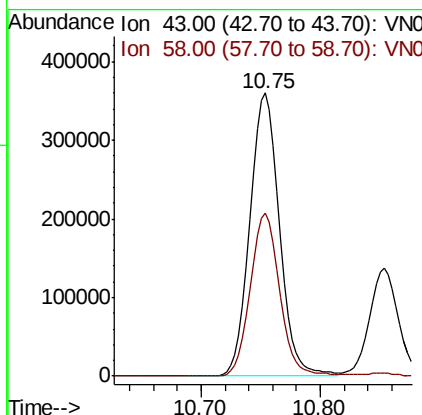
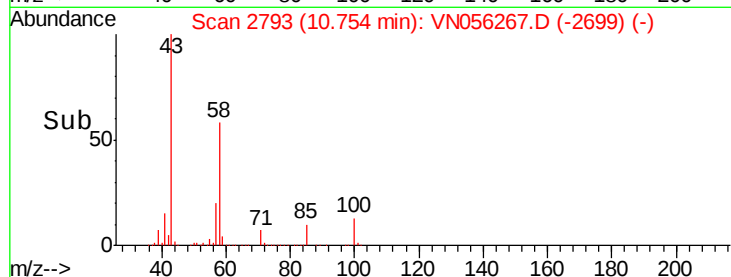
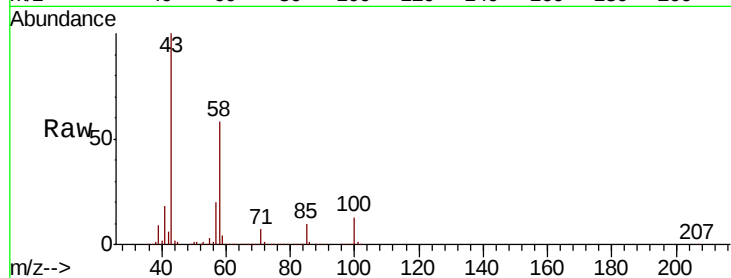




#59
2-Hexanone
Concen: 275.575 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

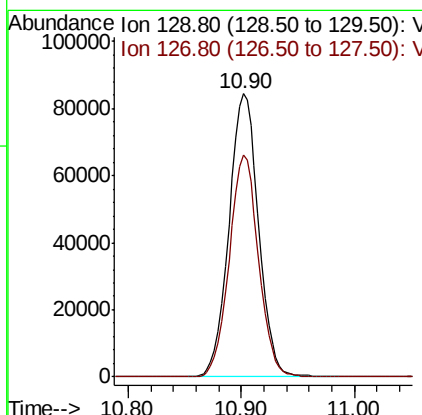
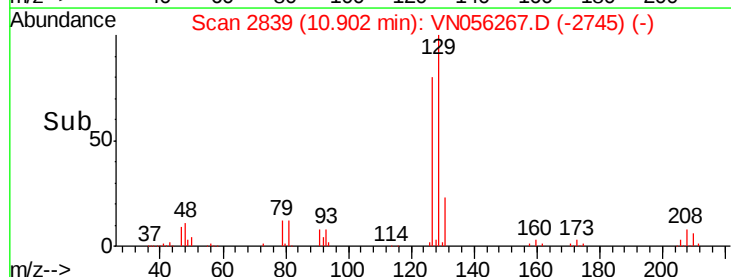
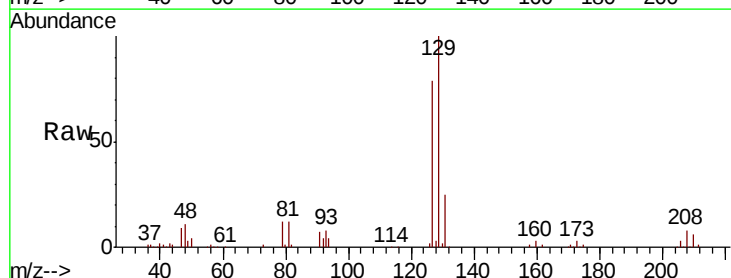
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

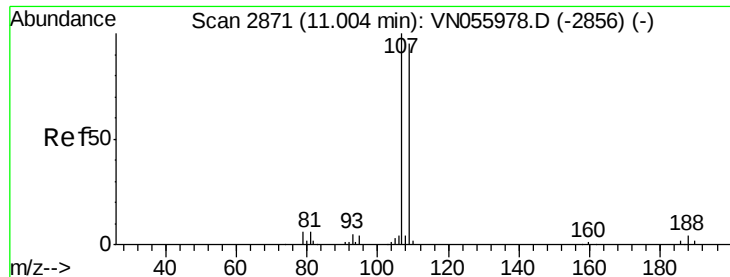
Tot Ion: 43 Resp: 620609
Ion Ratio Lower Upper
43 100
58 57.3 28.2 84.7



#60
Dibromochloromethane
Concen: 53.666 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 129 Resp: 153242
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 55.317 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

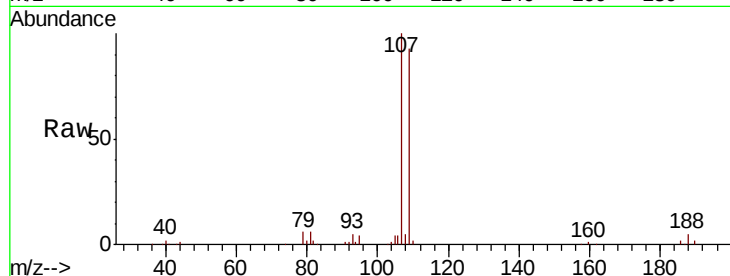
RE104D2-20190607MS

Tot Ion:107 Resp: 145899

Ion Ratio Lower Upper

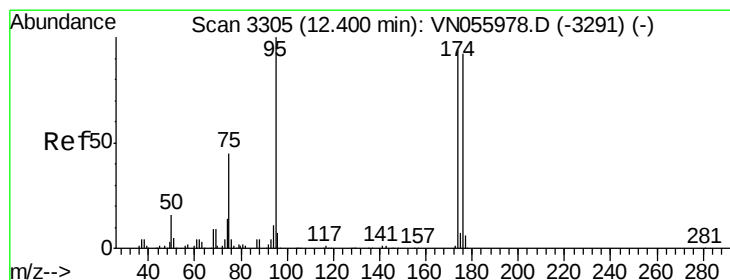
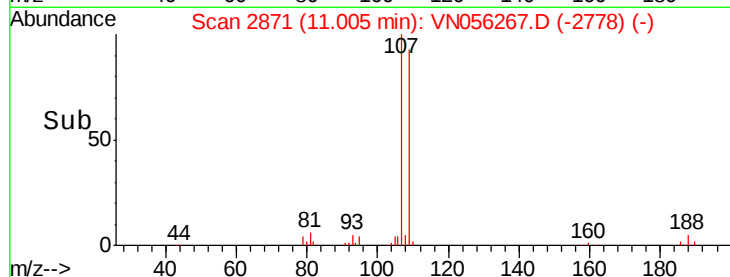
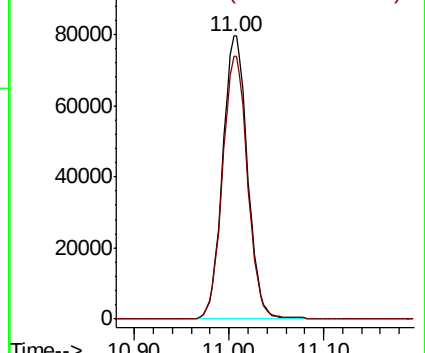
107 100

109 93.4 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.124 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

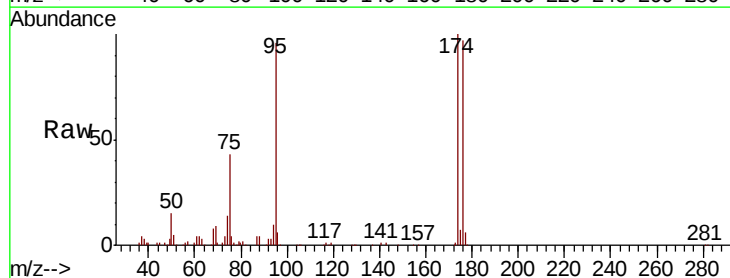
Tgt Ion: 95 Resp: 161289

Ion Ratio Lower Upper

95 100

174 105.8 0.0 191.0

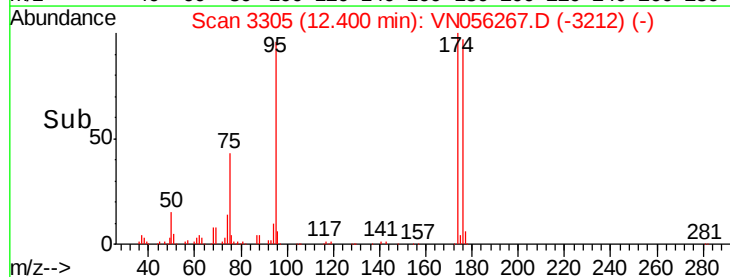
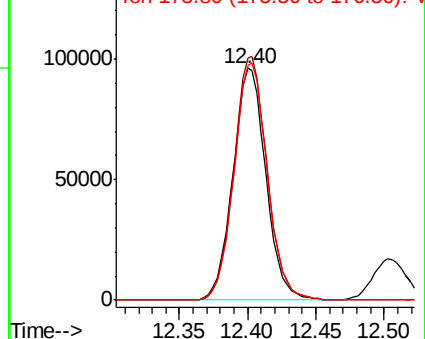
176 103.0 0.0 185.2

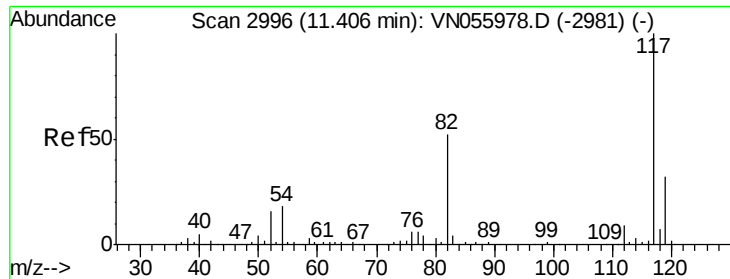


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

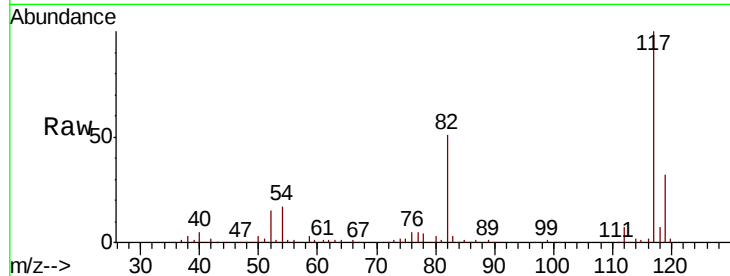
Tot Ion:117 Resp: 368255

Ion Ratio Lower Upper

117 100

82 50.7 41.8 62.8

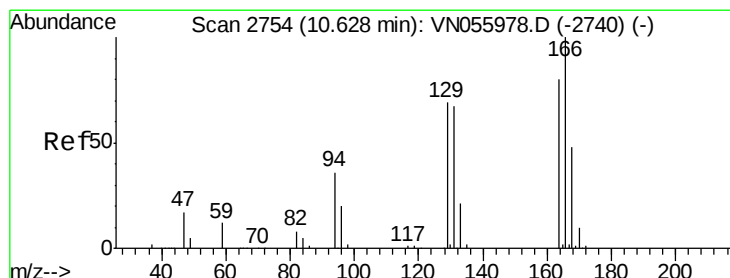
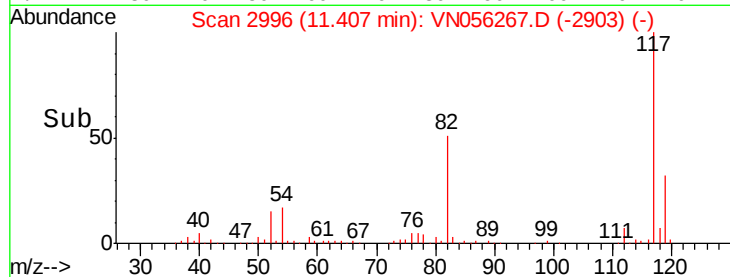
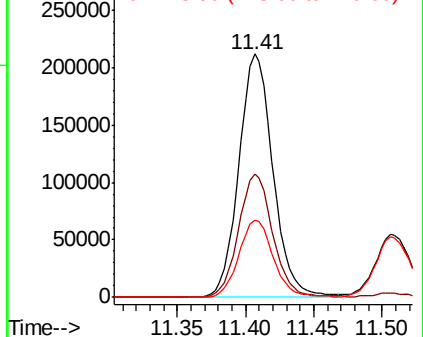
119 31.9 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.234 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion:164 Resp: 153754

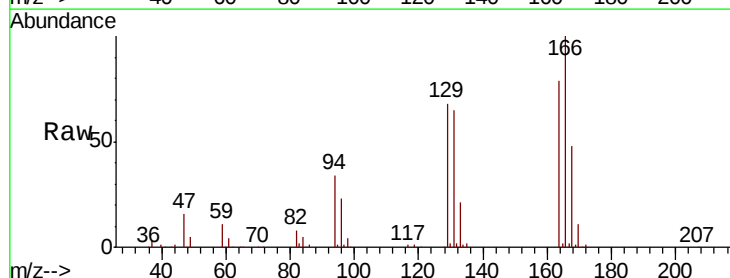
Ion Ratio Lower Upper

164 100

166 126.4 103.0 154.6

129 85.6 70.6 105.8

131 82.7 68.6 102.8

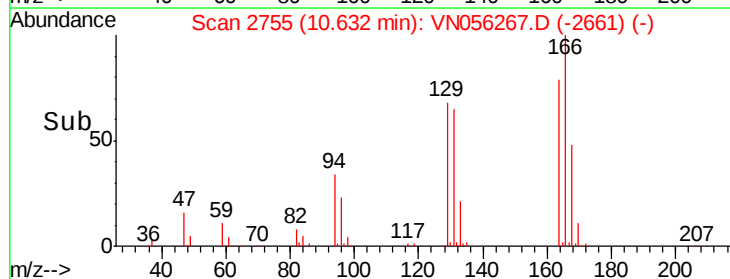
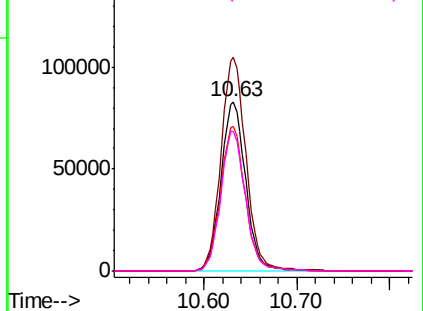


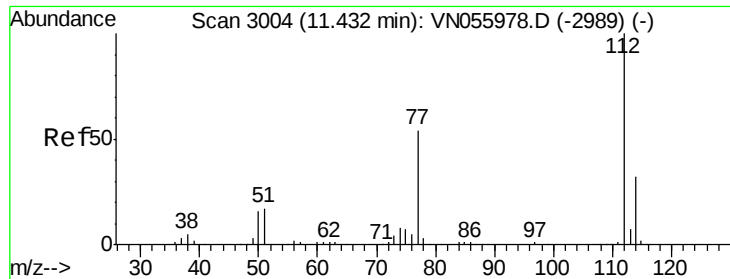
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

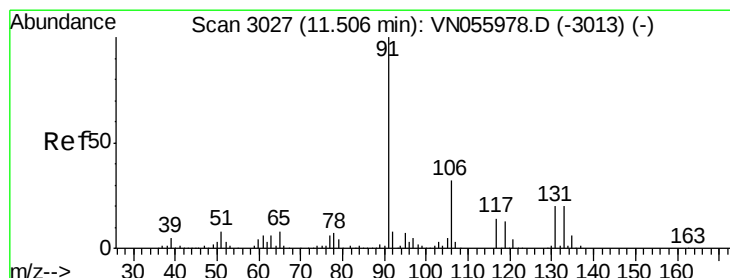
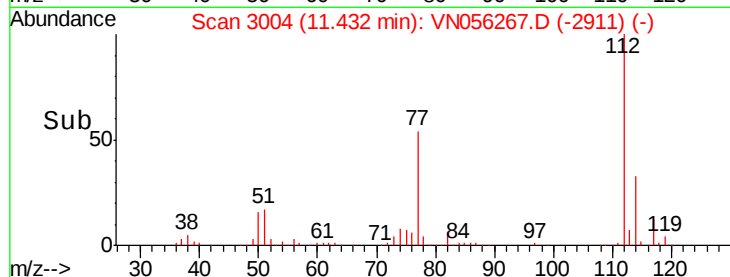
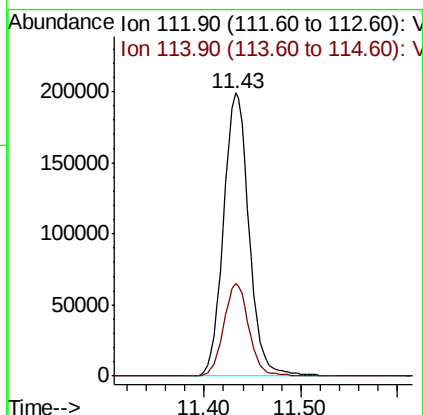
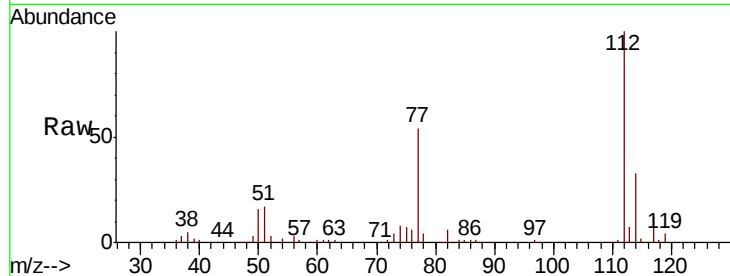




#65
Chlorobenzene
Concen: 49.689 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

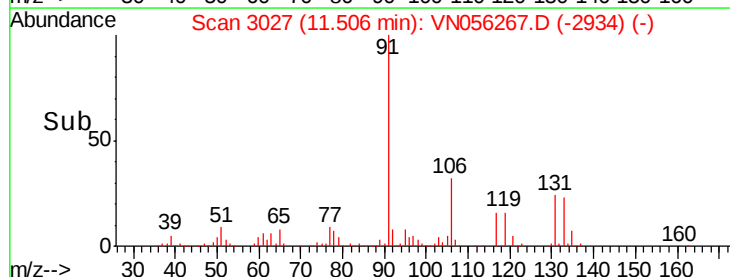
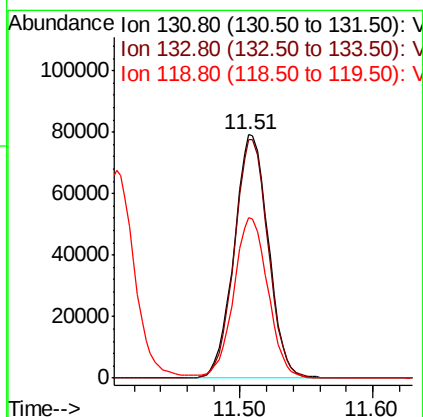
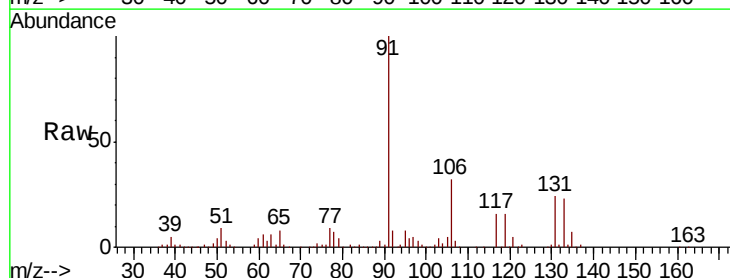
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

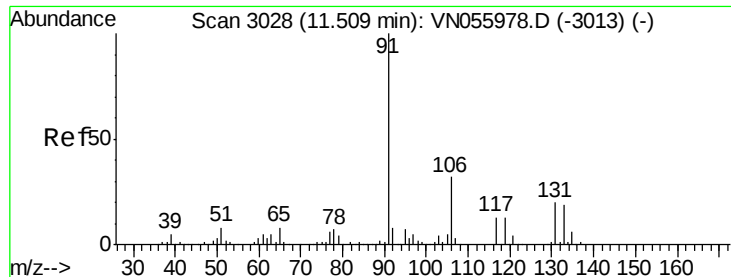
Tot Ion:112 Resp: 364168
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.968 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion:131 Resp: 141635
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.0
119 65.9 33.1 99.5

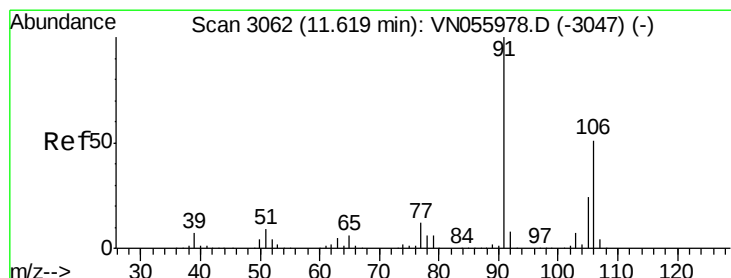
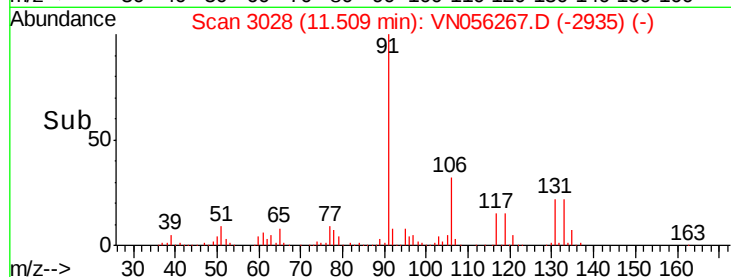
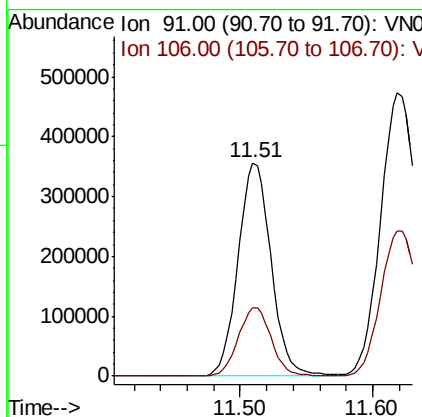
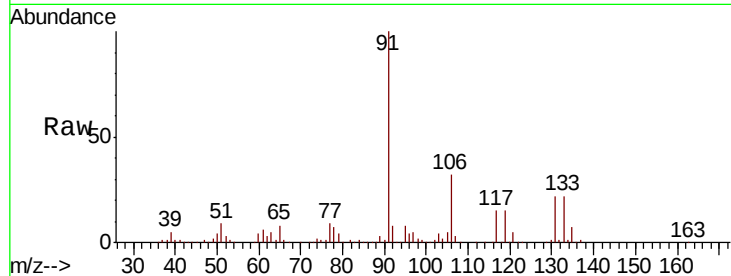




#67
Ethyl Benzene
Concen: 48.391 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

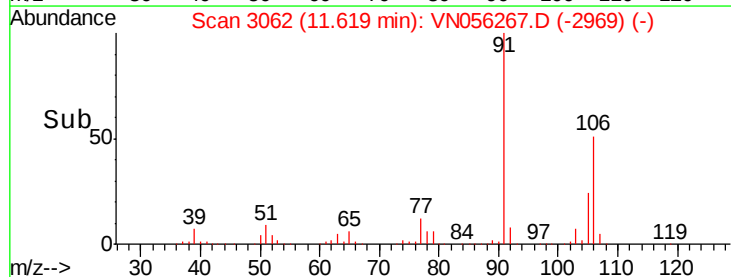
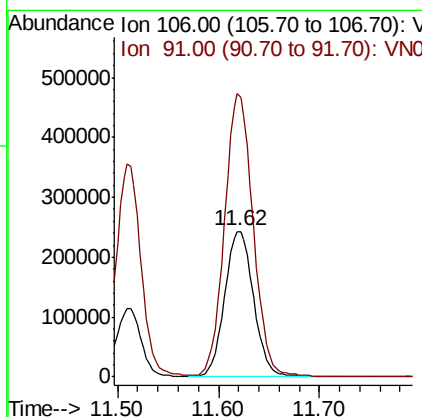
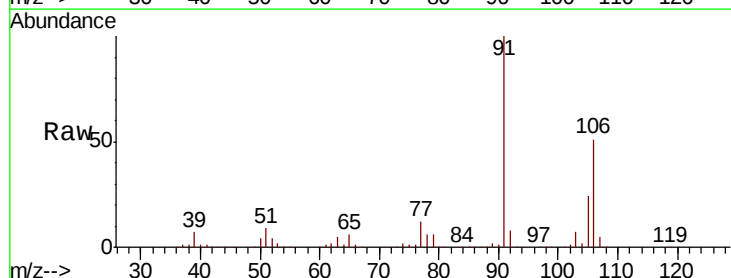
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

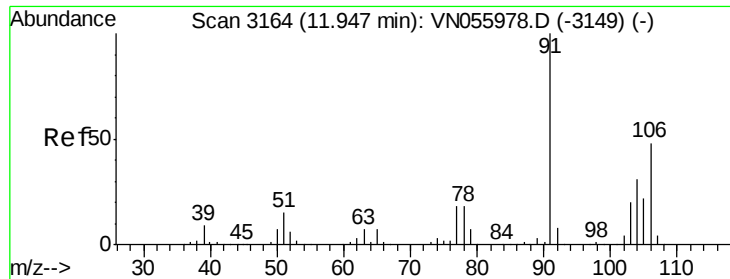
Tot Ion: 91 Resp: 616692
Ion Ratio Lower Upper
91 100
106 32.1 25.1 37.7



#68
m/p-Xylenes
Concen: 99.985 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 106 Resp: 486760
Ion Ratio Lower Upper
106 100
91 192.4 159.3 238.9

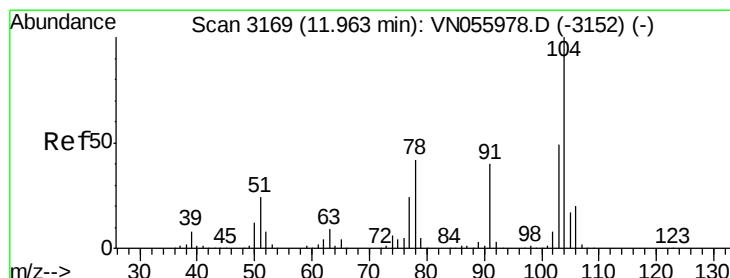
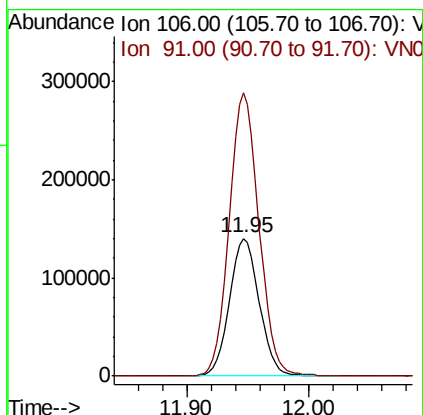
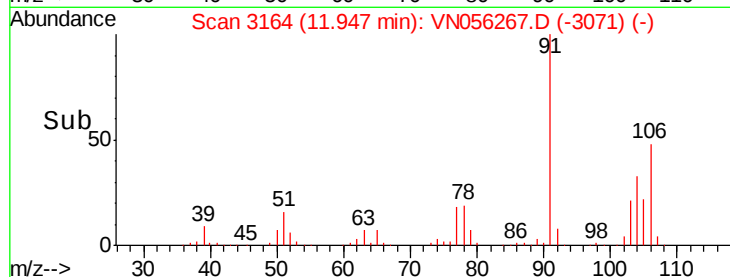
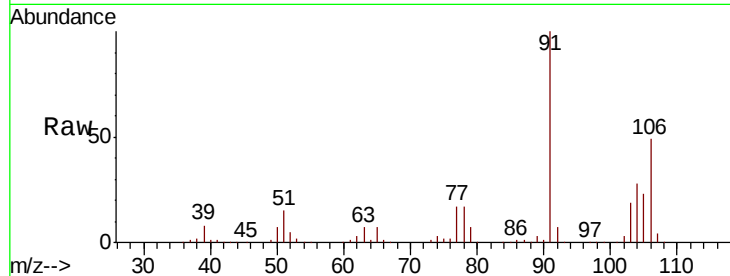




#69
o-Xylene
Concen: 49.952 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

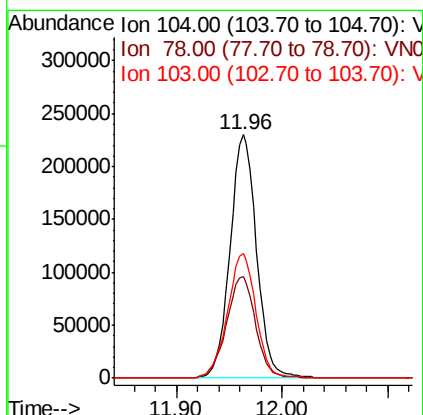
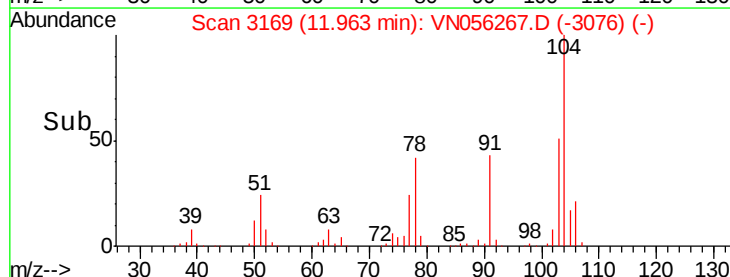
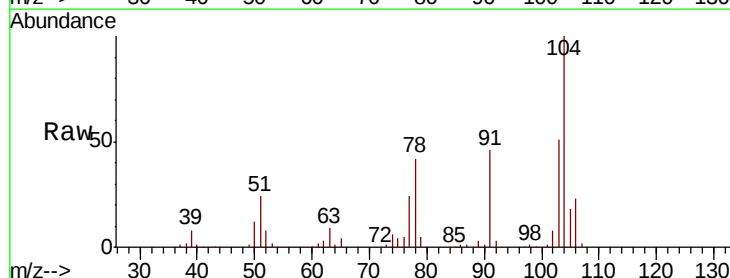
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion:106 Resp: 239212
Ion Ratio Lower Upper
106 100
91 205.1 104.7 314.1



#70
Styrene
Concen: 52.493 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion:104 Resp: 399403
Ion Ratio Lower Upper
104 100
78 45.9 37.8 56.6
103 55.0 44.2 66.2

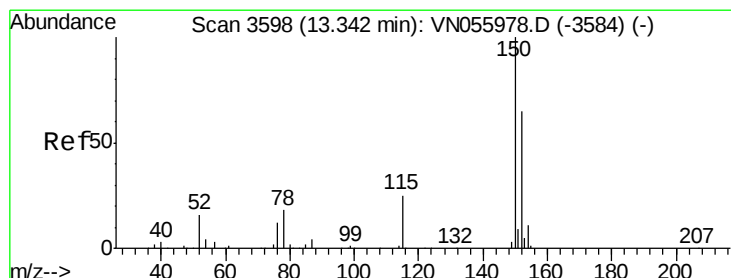
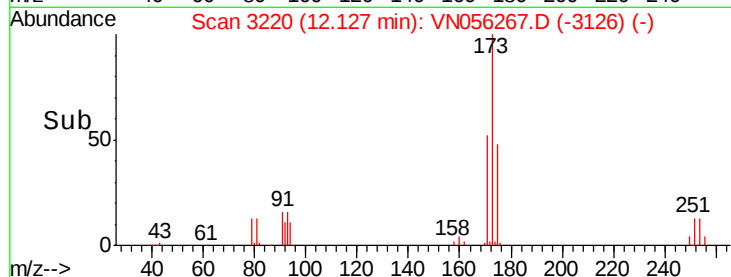
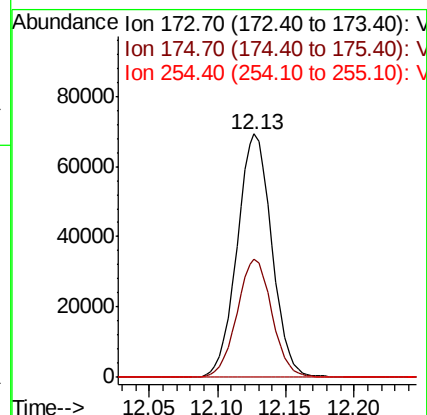
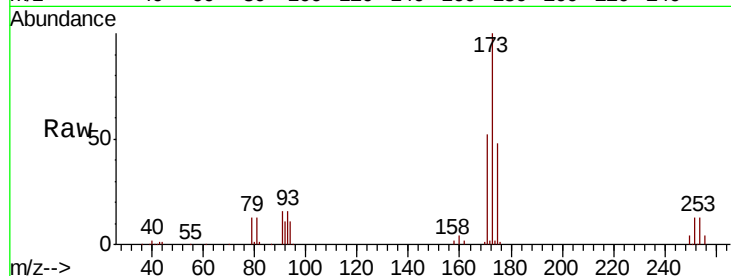




#71
Bromoform
Concen: 57.053 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

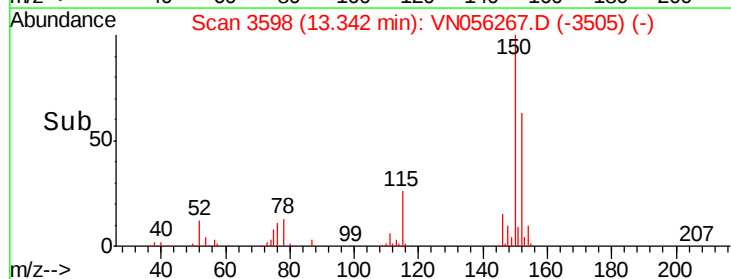
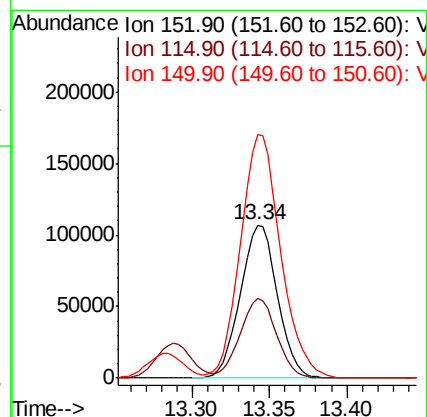
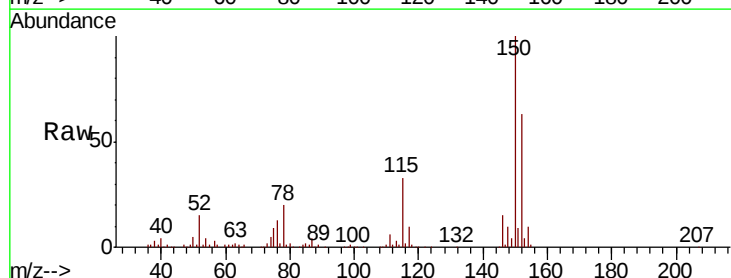
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion:173 Resp: 122084
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion:152 Resp: 177450
Ion Ratio Lower Upper
152 100
115 51.5 27.0 81.0
150 173.1 0.0 343.2





#73

Isopropylbenzene

Concen: 49.053 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

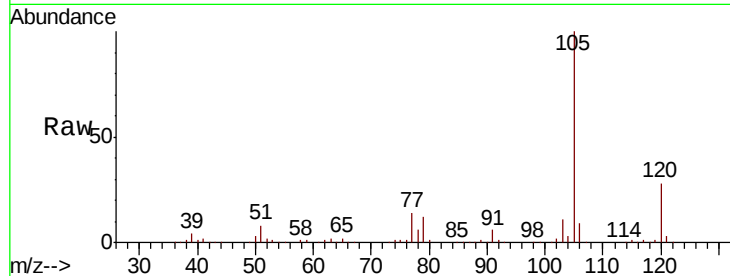
RE104D2-20190607MS

Tot Ion:105 Resp: 621036

Ion Ratio Lower Upper

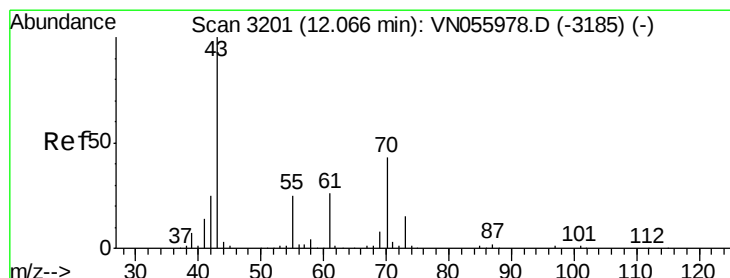
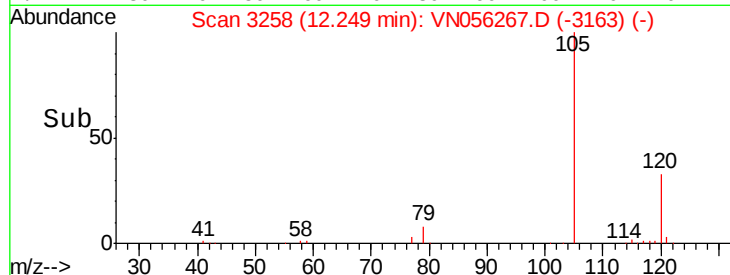
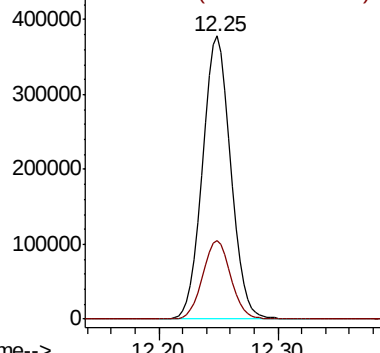
105 100

120 27.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.064 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Tgt Ion: 43 Resp: 213160

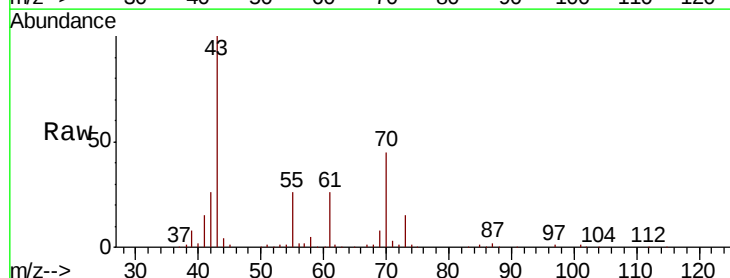
Ion Ratio Lower Upper

43 100

70 44.9 34.0 51.0

55 26.1 18.6 28.0

61 25.5 20.0 30.0

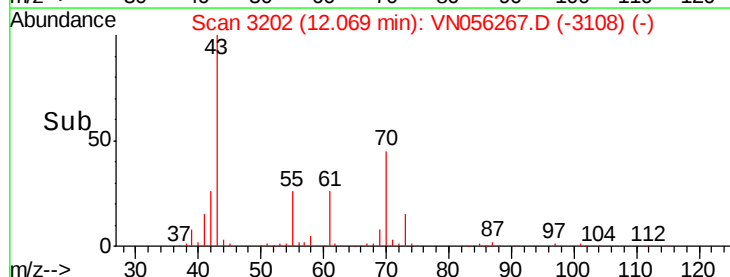
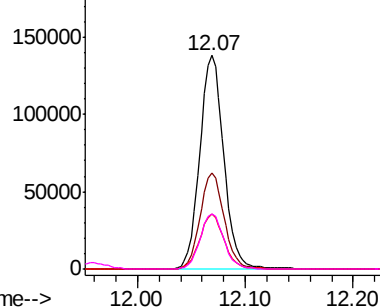


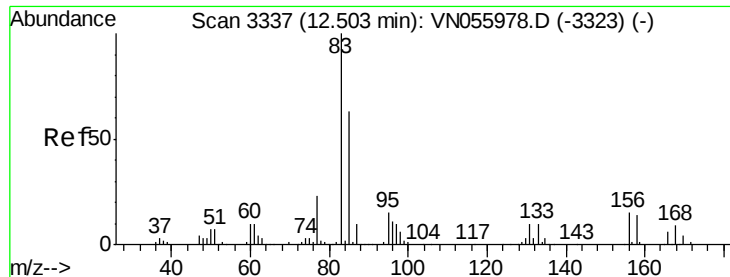
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.627 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

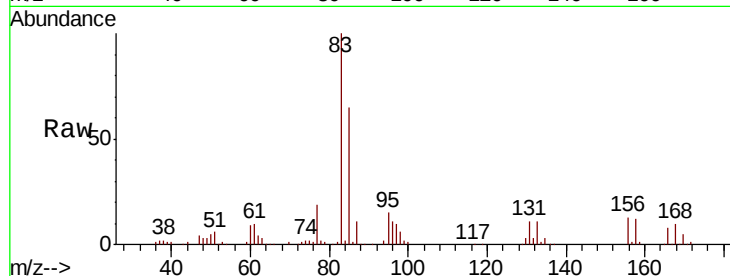
Tot Ion: 83 Resp: 196192

Ion Ratio Lower Upper

83 100

131 11.5 5.4 16.2

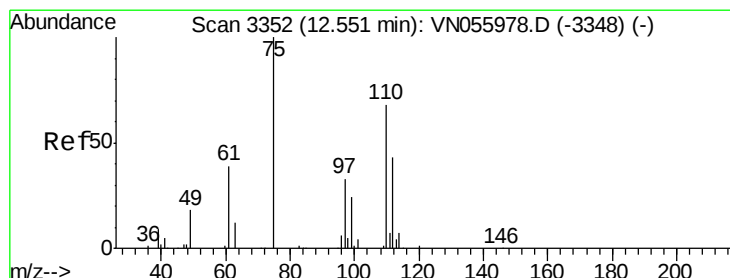
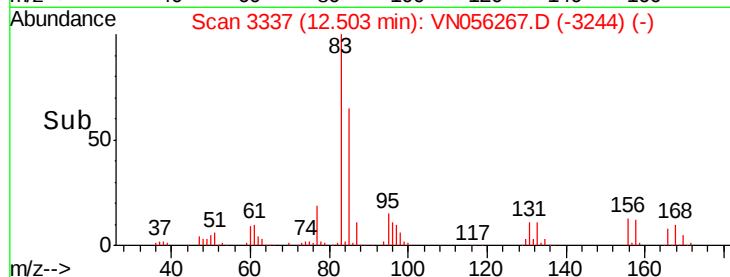
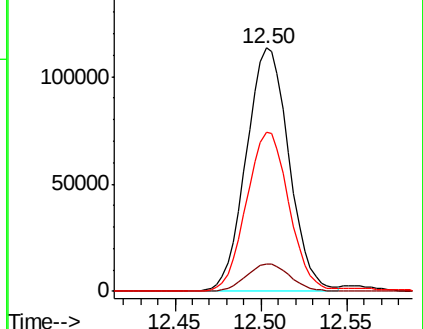
85 65.1 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 67.596 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056267.D

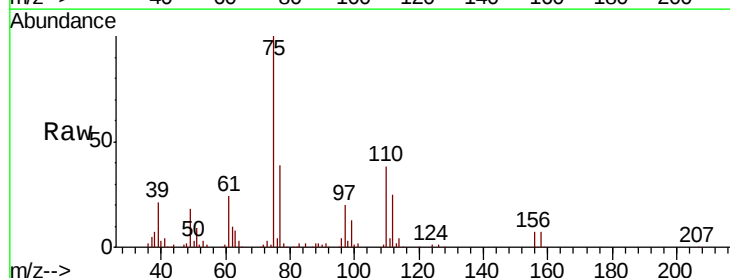
Acq: 12 Jun 2019 22:35

Tgt Ion: 75 Resp: 220711

Ion Ratio Lower Upper

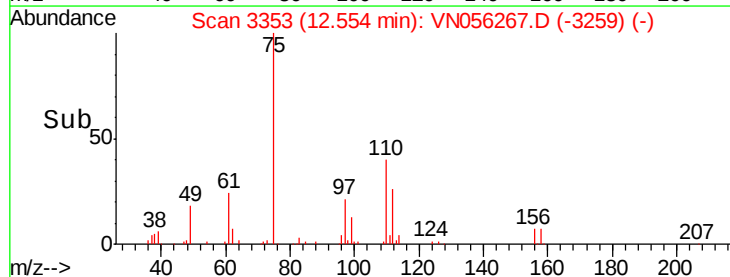
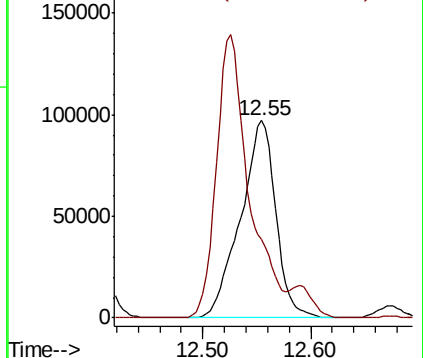
75 100

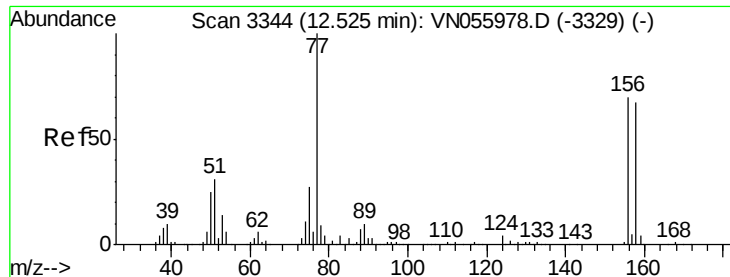
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-3348) (-)





#77

Bromobenzene

Concen: 47.156 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

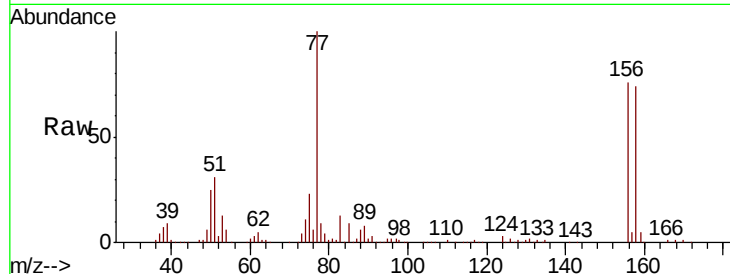
Tot Ion:156 Resp: 179155

Ion Ratio Lower Upper

156 100

77 164.0 90.8 272.5

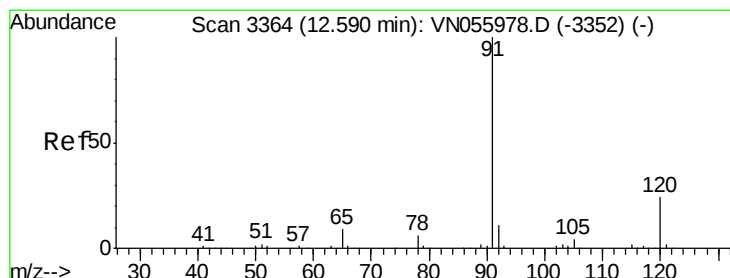
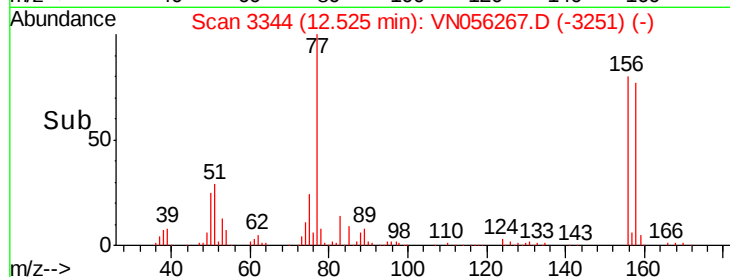
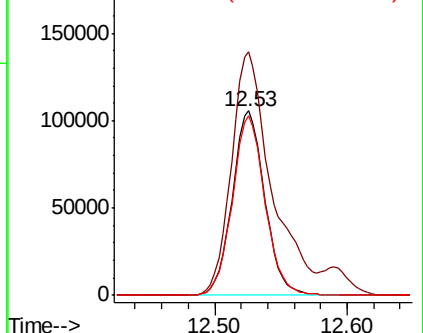
158 97.7 49.3 147.8



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: 43.783 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056267.D

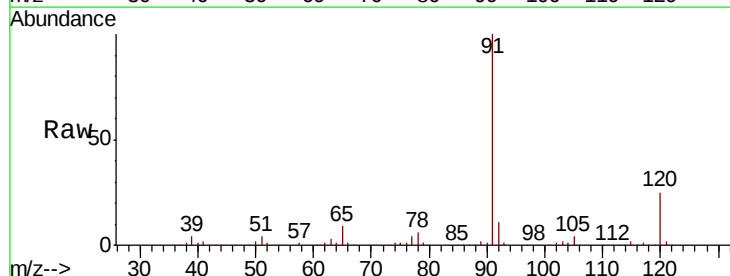
Acq: 12 Jun 2019 22:35

Tgt Ion: 91 Resp: 657280

Ion Ratio Lower Upper

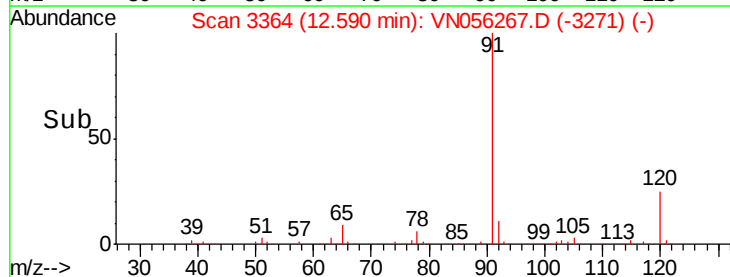
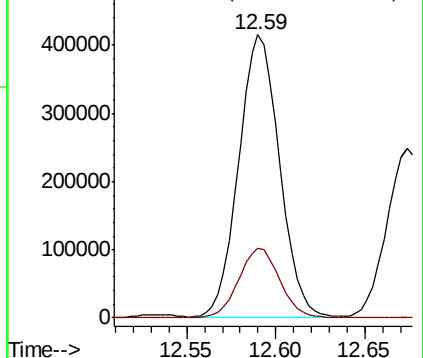
91 100

120 24.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.220 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

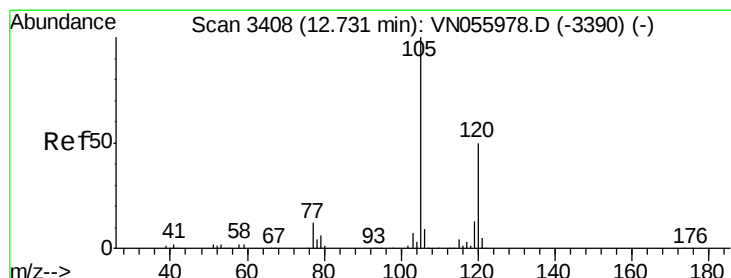
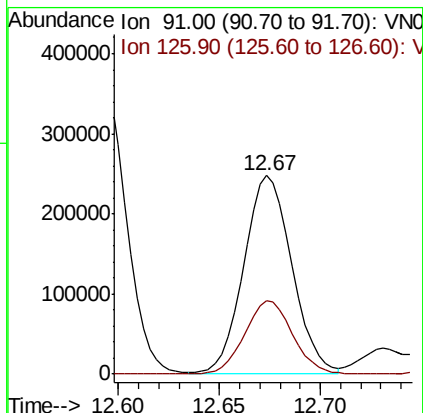
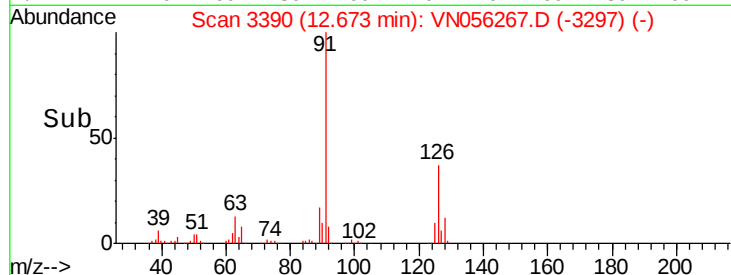
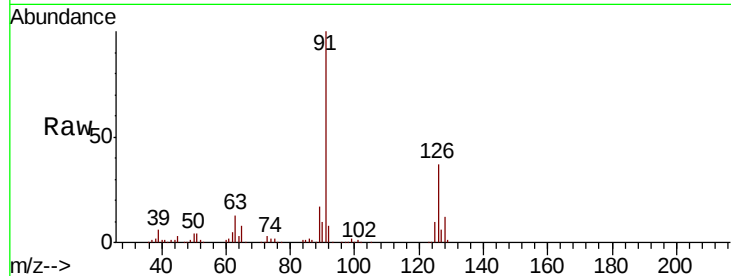
RE104D2-20190607MS

Tot Ion: 91 Resp: 410147

Ion Ratio Lower Upper

91 100

126 37.3 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 43.755 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056267.D

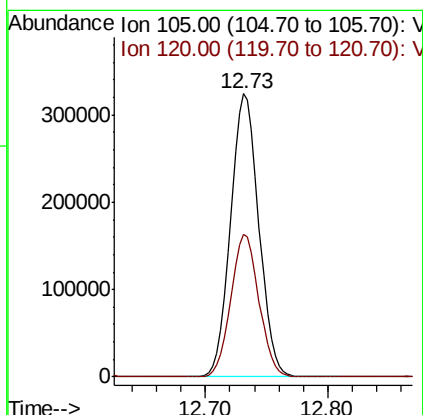
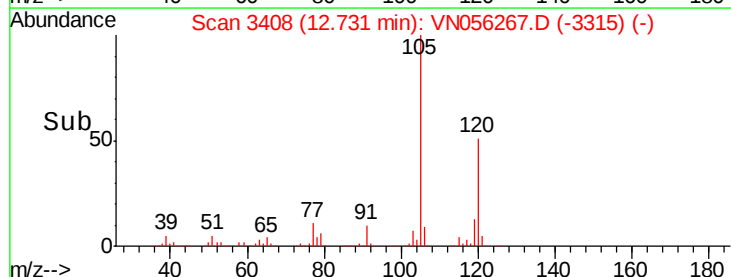
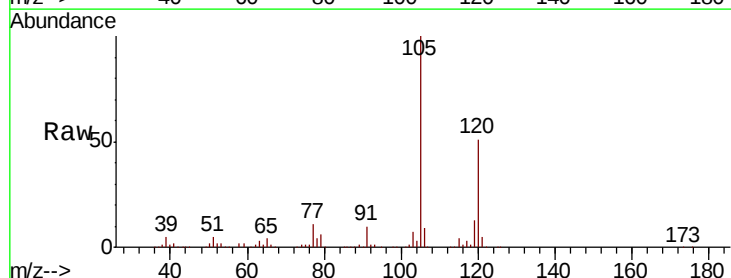
Acq: 12 Jun 2019 22:35

Tgt Ion: 105 Resp: 522036

Ion Ratio Lower Upper

105 100

120 50.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 43.040 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

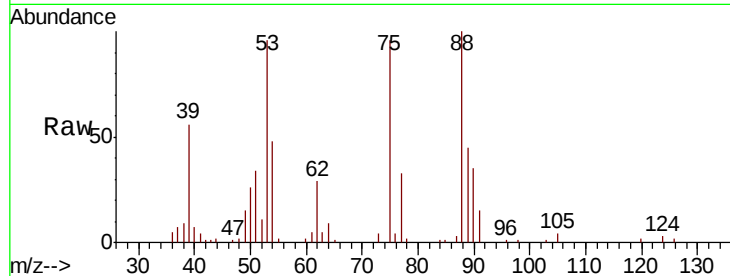
Tot Ion: 75 Resp: 42200

Ion Ratio Lower Upper

75 100

53 100.1 68.1 102.1

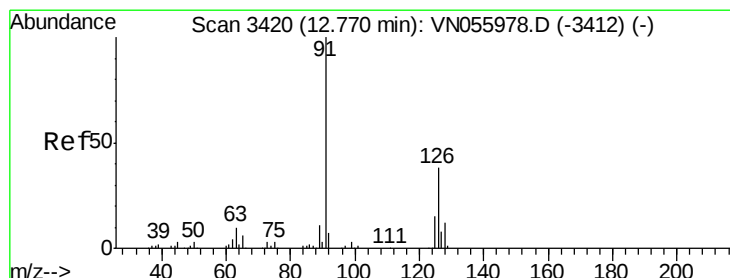
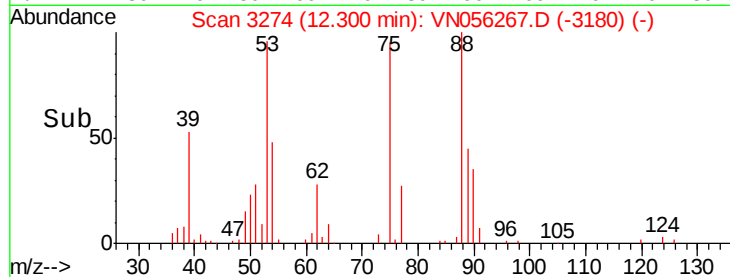
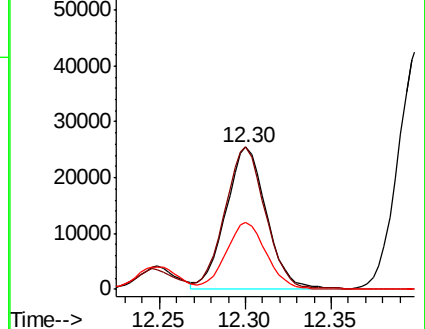
89 46.5 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 44.806 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056267.D

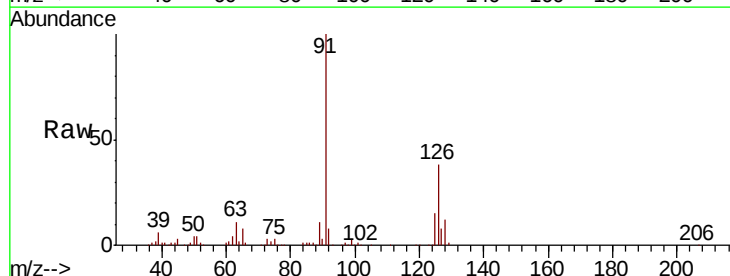
Acq: 12 Jun 2019 22:35

Tgt Ion: 91 Resp: 393517

Ion Ratio Lower Upper

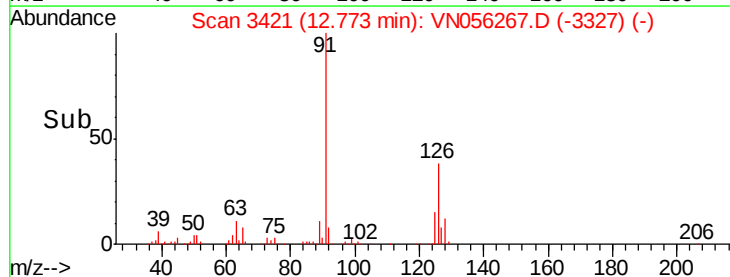
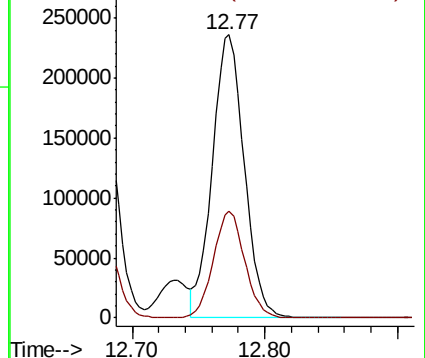
91 100

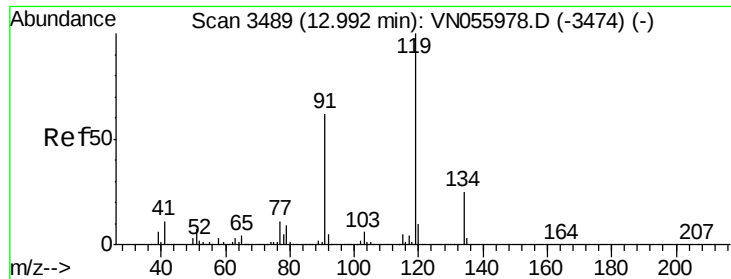
126 37.1 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

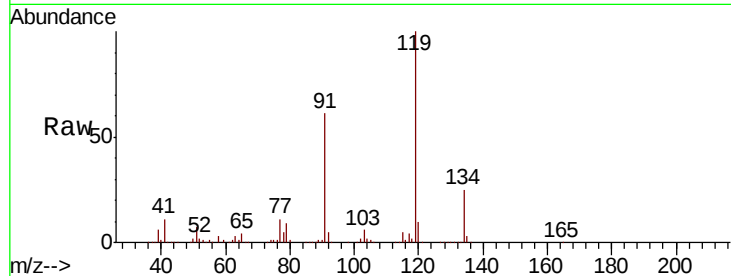




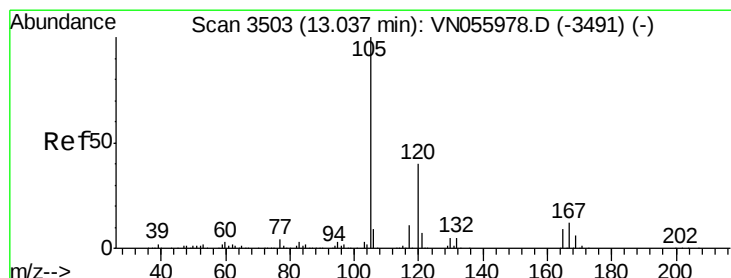
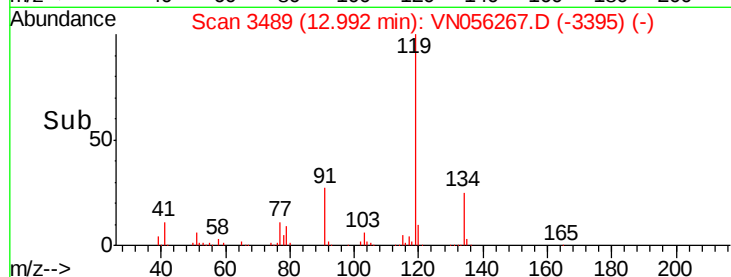
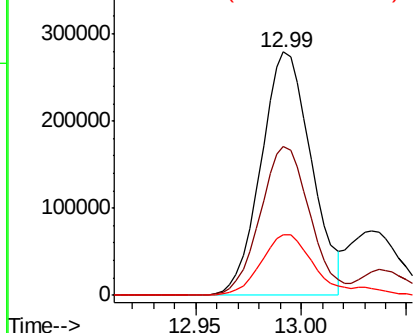
#83
tert-Butylbenzene
Concen: 50.091 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.9	92.8
134	27.6	13.3	39.8

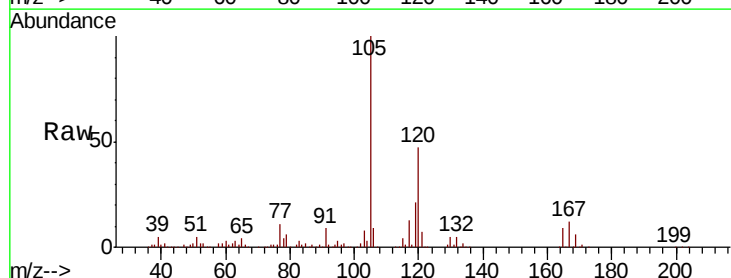


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

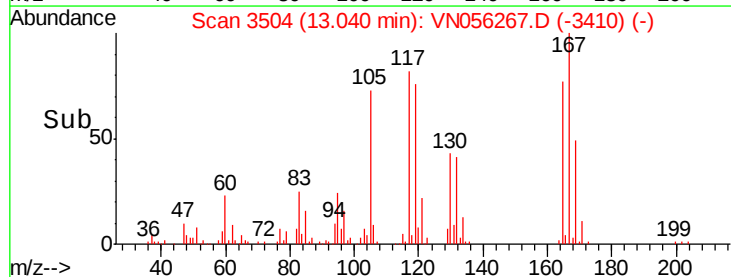
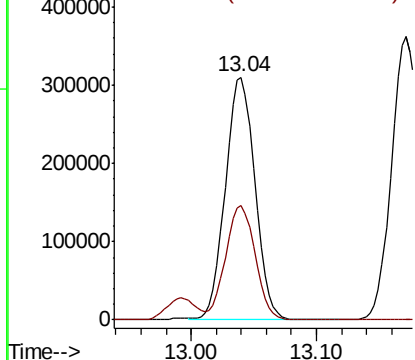


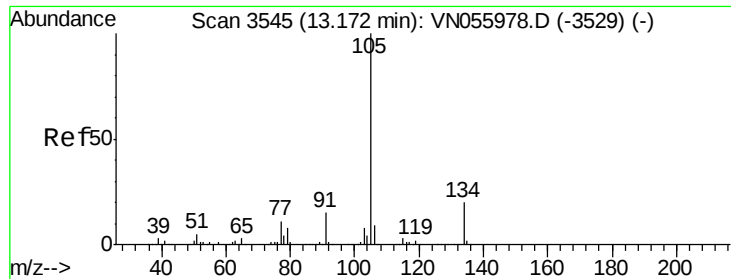
#84
1,2,4-Trimethylbenzene
Concen: 44.888 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.0	69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 43.964 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

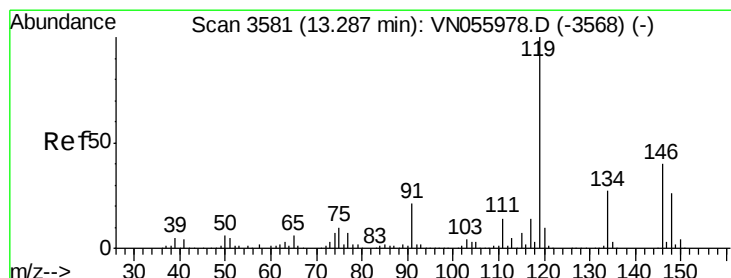
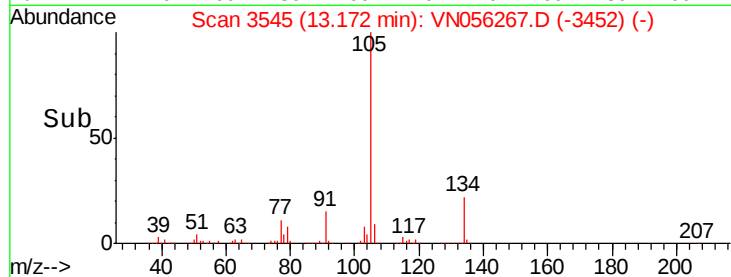
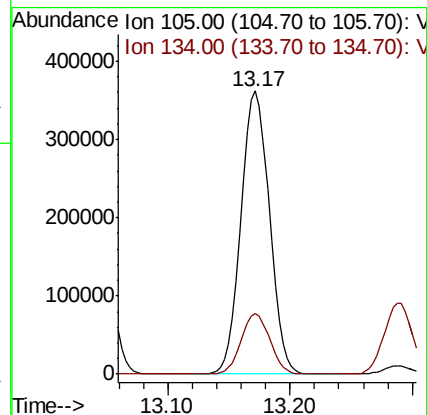
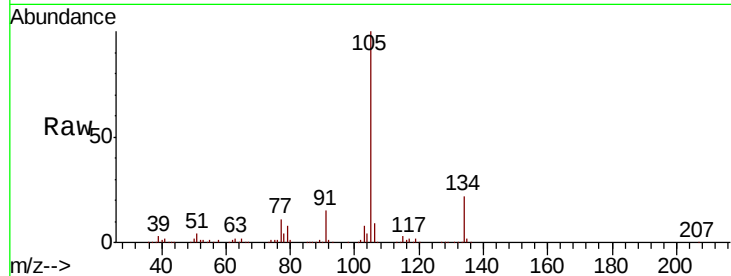
RE104D2-20190607MS

Tot Ion:105 Resp: 584480

Ion Ratio Lower Upper

105 100

134 21.5 10.4 31.2



#86

p-Isopropyltoluene

Concen: 44.675 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

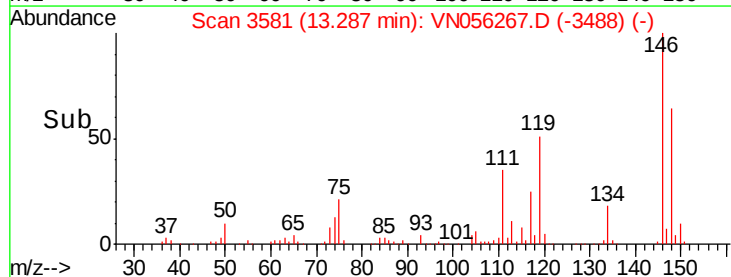
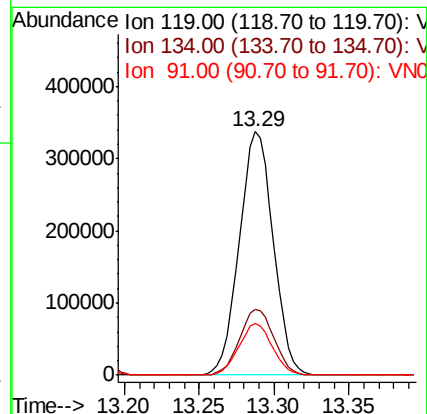
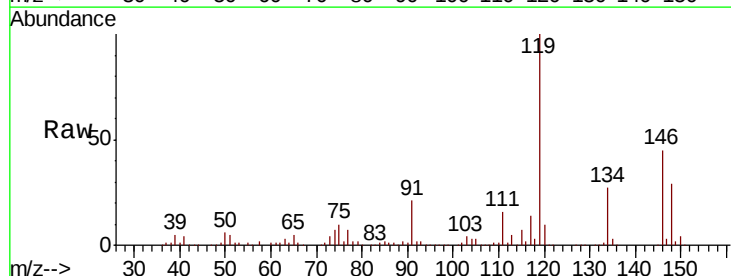
Tgt Ion:119 Resp: 531555

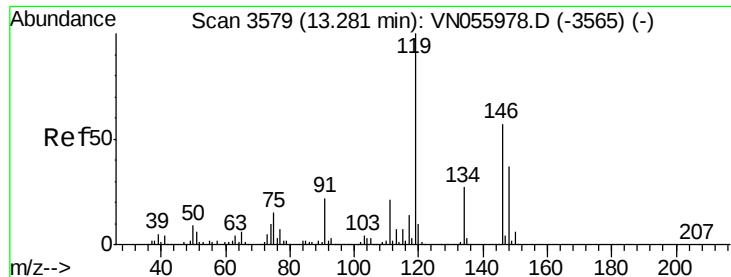
Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.1

91 21.0 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 47.680 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

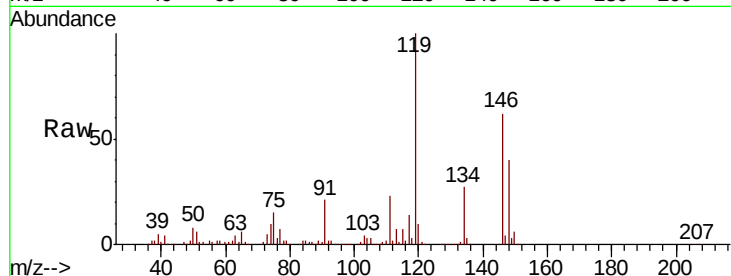
Tot Ion:146 Resp: 280358

Ion Ratio Lower Upper

146 100

111 36.2 18.5 55.5

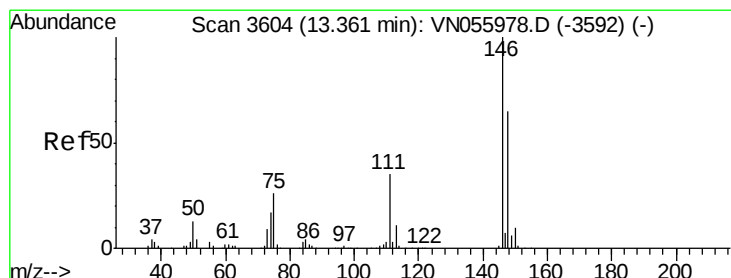
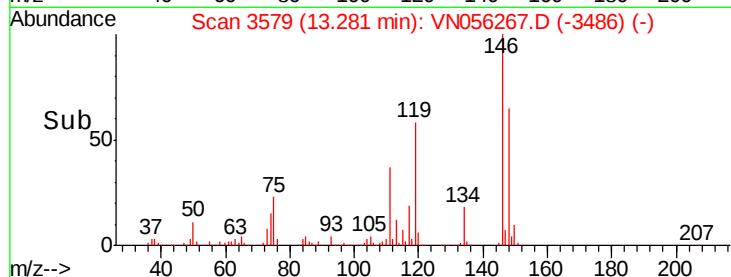
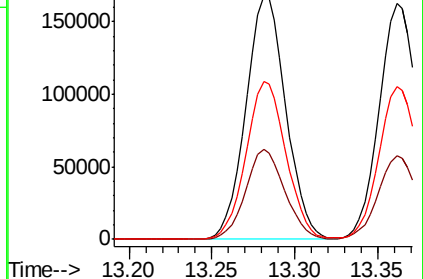
148 64.7 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.509 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

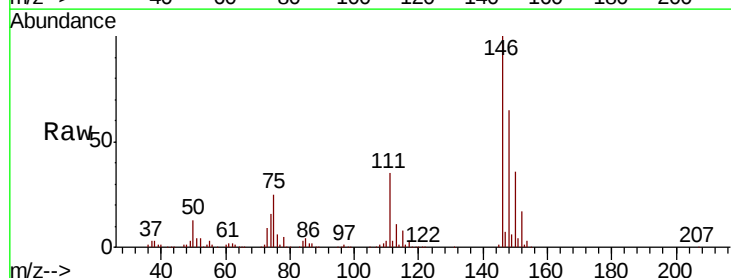
Tgt Ion:146 Resp: 268726

Ion Ratio Lower Upper

146 100

111 35.2 18.1 54.4

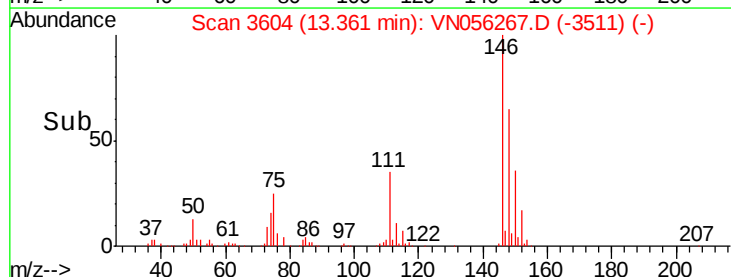
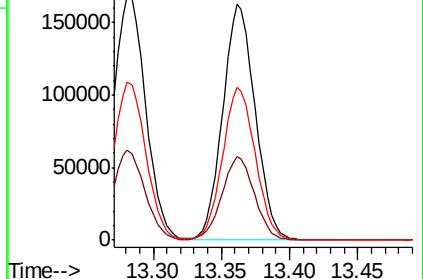
148 65.2 32.1 96.5

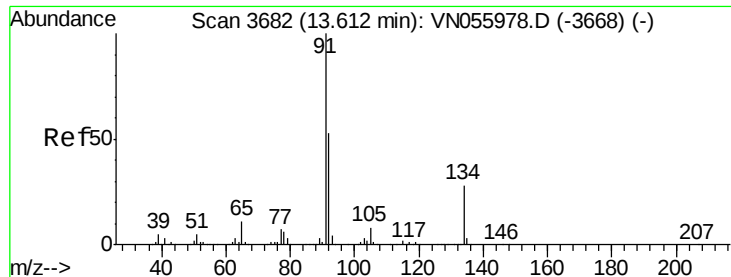


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

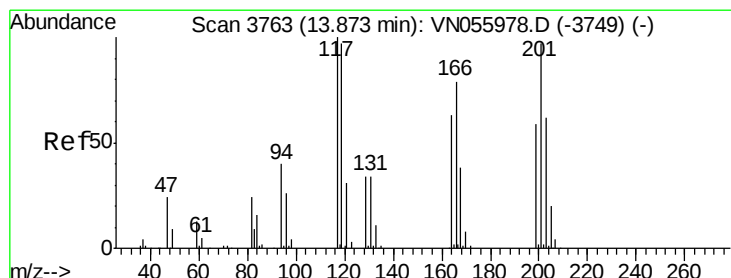
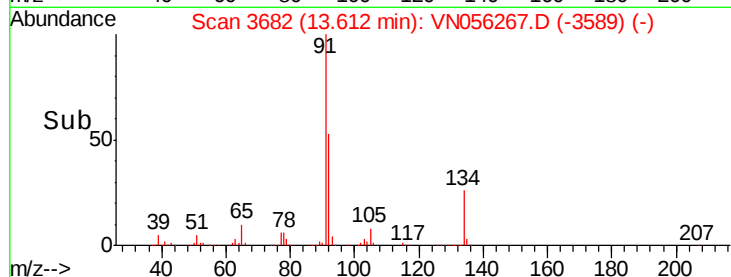
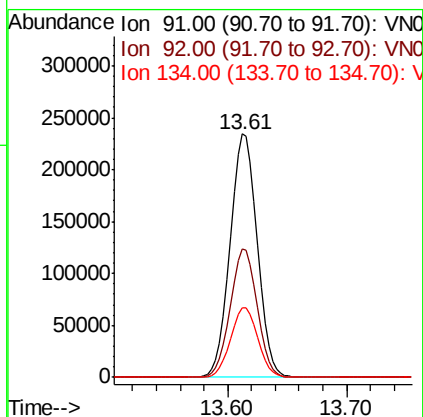
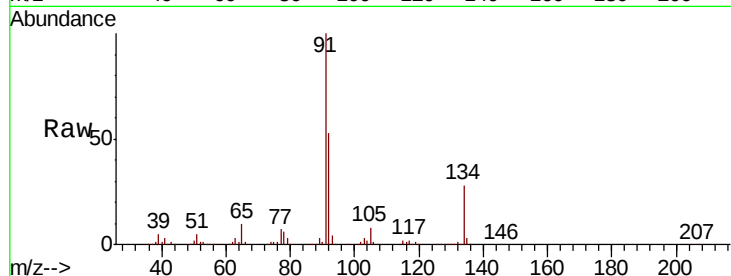




#89
n-Butylbenzene
Concen: 41.997 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

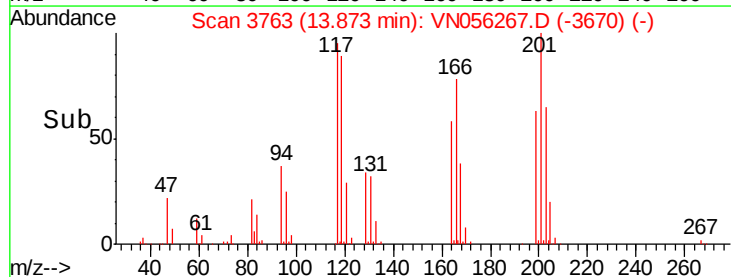
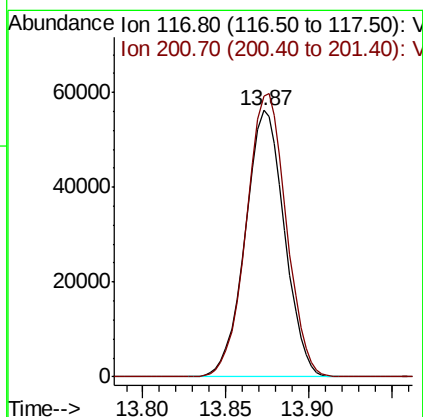
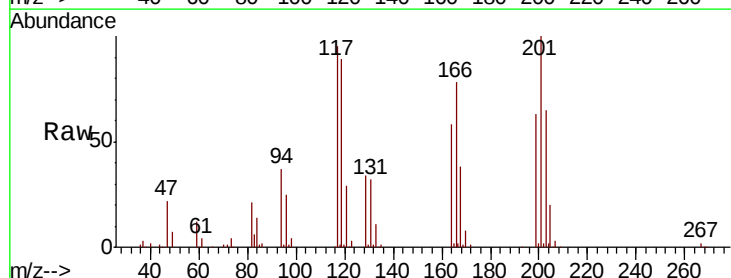
Instrument :
MSVOA_N
ClientSampleId :
RE104D2-20190607MS

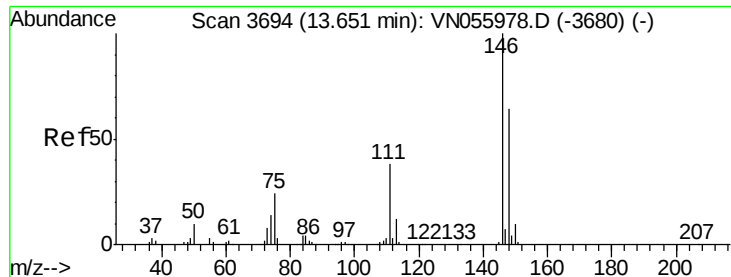
Tot Ion: 91 Resp: 370162
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 28.8 13.9 41.7



#90
Hexachloroethane
Concen: 51.429 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056267.D
Acq: 12 Jun 2019 22:35

Tgt Ion: 117 Resp: 92282
Ion Ratio Lower Upper
117 100
201 108.1 50.0 150.0

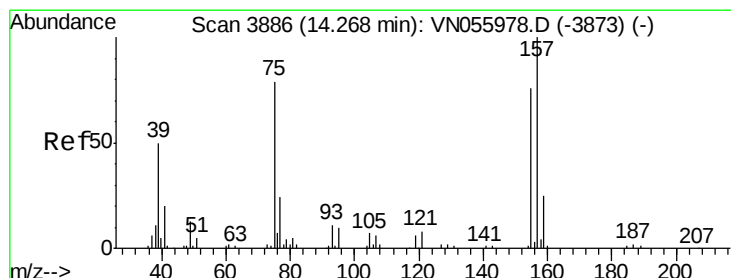
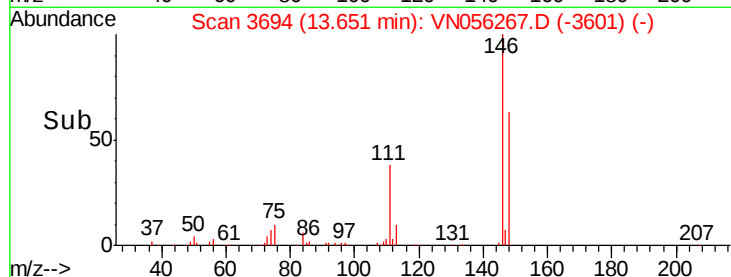
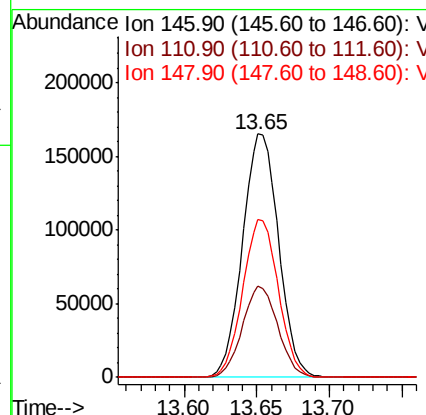
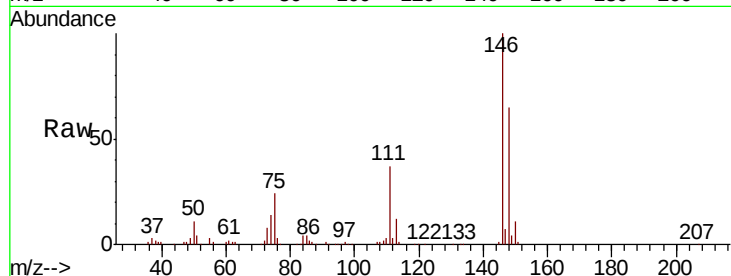




#91
 1,2-Dichlorobenzene
 Concen: 48.091 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

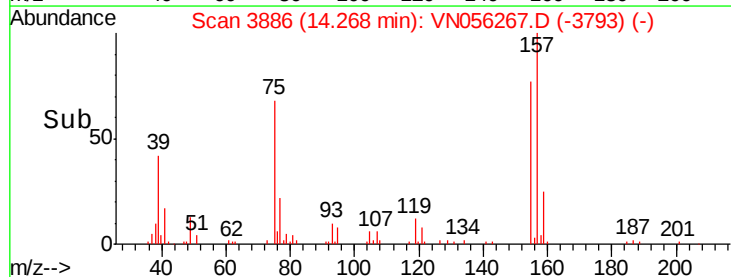
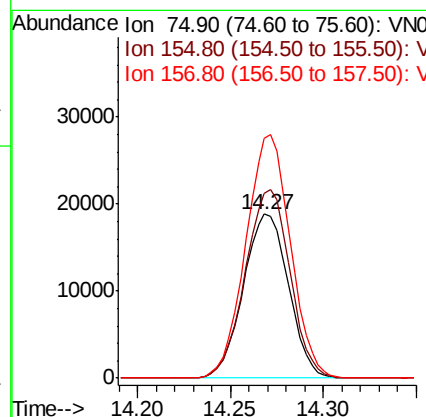
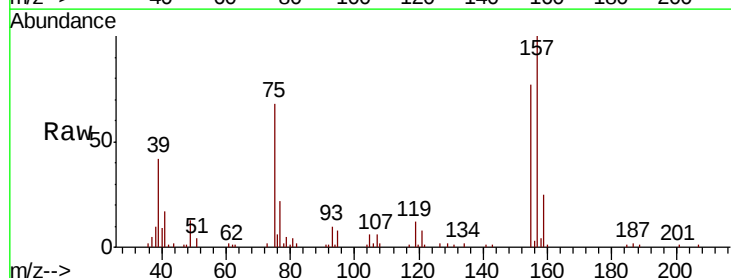
Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.1	57.5
148	64.0	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.028 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	114.1	50.0	150.1
157	146.3	64.8	194.3

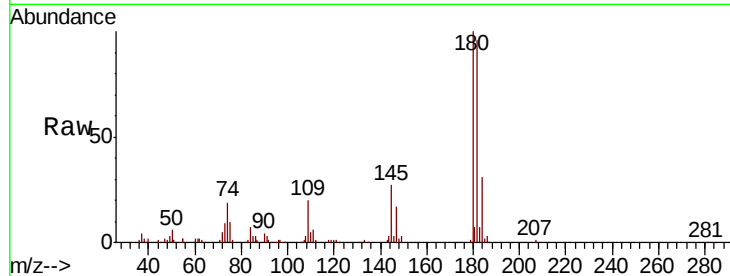




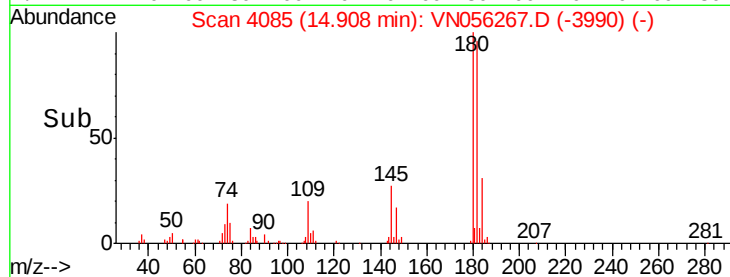
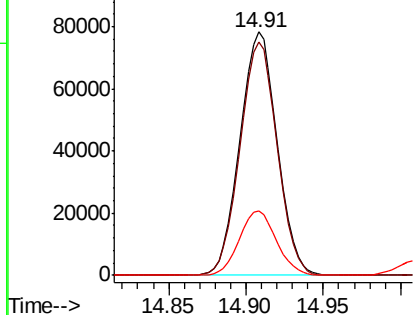
#93
 1,2,4-Trichlorobenzene
 Concen: 40.825 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE104D2-20190607MS

Tot Ion:180 Resp: 130754
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.3 144.9
 145 26.3 14.0 41.9

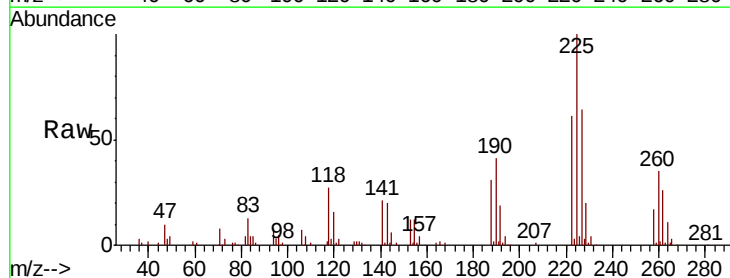


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

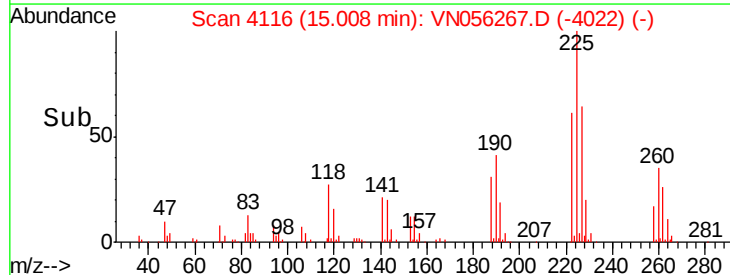
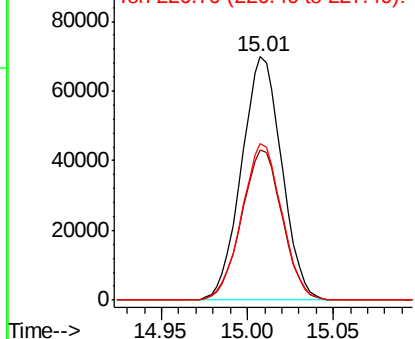


#94
 Hexachlorobutadiene
 Concen: 55.943 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056267.D
 Acq: 12 Jun 2019 22:35

Tgt Ion:225 Resp: 113402
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.9 92.7
 227 64.1 31.6 94.7



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: 39.715 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

Instrument :

MSVOA_N

ClientSampleId :

RE104D2-20190607MS

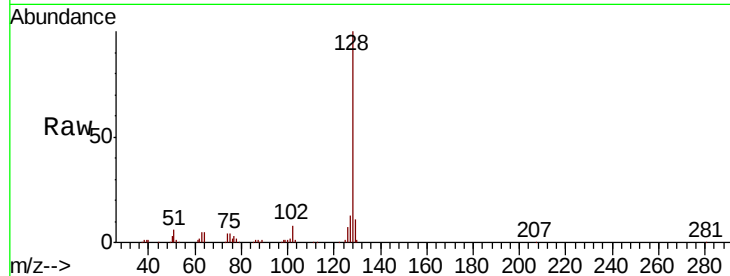
Tot Ion:128 Resp: 329798

Ion Ratio Lower Upper

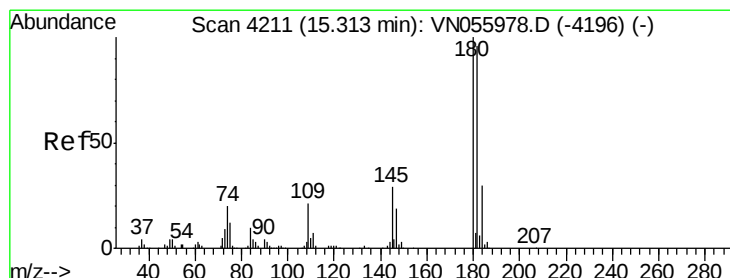
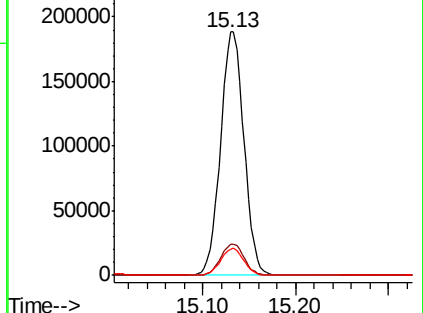
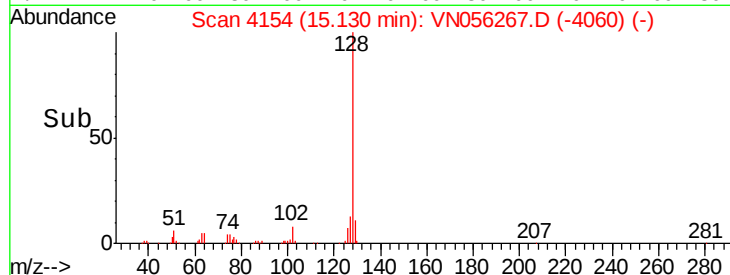
128 100

127 13.0 10.3 15.5

129 11.0 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 44.576 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056267.D

Acq: 12 Jun 2019 22:35

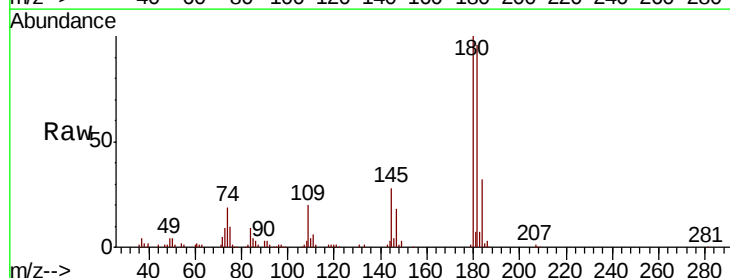
Tgt Ion:180 Resp: 147449

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 28.3 14.9 44.7



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

