

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057417.D
 Acq On : 19 Aug 2019 23:12
 Operator : JC/SP
 Sample : VN0819WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD02

Quant Time: Aug 20 08:48:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	822547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1216012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1075385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	379216	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	426461	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
35) Dibromofluoromethane	7.58	113	391592	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	10.08	98	1440531	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.40	95	455712	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	123921	17.508	ug/l	100
3) Chloromethane	2.06	50	142580	17.066	ug/l	98
4) Vinyl Chloride	2.18	62	138210	17.584	ug/l	99
5) Bromomethane	2.54	94	112913	20.153	ug/l	96
6) Chloroethane	2.70	64	95748	17.710	ug/l	97
7) Trichlorofluoromethane	3.02	101	236066	19.148	ug/l	98
8) Diethyl Ether	3.40	74	84395	18.188	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	136281	18.815	ug/l	96
10) Methyl Iodide	3.95	142	226168	19.534	ug/l	99
11) Tert butyl alcohol	4.75	59	111367	87.606	ug/l	99
12) 1,1-Dichloroethene	3.73	96	134770	18.674	ug/l	96
13) Acrolein	3.60	56	37621	48.749	ug/l	98
14) Allyl chloride	4.32	41	186768	16.144	ug/l	92
15) Acrylonitrile	4.97	53	312320	90.494	ug/l	99
16) Acetone	3.80	43	239461	77.197	ug/l	100
17) Carbon Disulfide	4.05	76	335102	17.235	ug/l	98
18) Methyl Acetate	4.31	43	223132	25.747	ug/l	98
19) Methyl tert-butyl Ether	5.03	73	429660	18.974	ug/l	98
20) Methylene Chloride	4.54	84	156840	18.071	ug/l	94
21) trans-1,2-Dichloroethene	5.03	96	145304	18.722	ug/l	97
22) Diisopropyl ether	5.93	45	415456	18.180	ug/l	97
23) Vinyl Acetate	5.88	43	1474323	80.160	ug/l	98
24) 1,1-Dichloroethane	5.84	63	261591	18.606	ug/l	97
25) 2-Butanone	6.82	43	376029	83.711	ug/l	93
26) 2,2-Dichloropropane	6.81	77	177956	15.661	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	176504	19.210	ug/l	95
28) Bromochloromethane	7.18	49	121653	19.474	ug/l	# 91
29) Tetrahydrofuran	7.19	42	252559	88.844	ug/l	99
30) Chloroform	7.36	83	278054	18.872	ug/l	97
31) Cyclohexane	7.65	56	215133	17.657	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	242359	19.557	ug/l	98
36) 1,1-Dichloropropene	7.78	75	193344	18.008	ug/l	99
37) Ethyl Acetate	6.91	43	149780	17.033	ug/l	98
38) Carbon Tetrachloride	7.76	117	219961	19.718	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057417.D
 Acq On : 19 Aug 2019 23:12
 Operator : JC/SP
 Sample : VN0819WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD02

Quant Time: Aug 20 08:48:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	225762	18.008	ug/l	99
40) Benzene	8.03	78	615716	18.749	ug/l	100
41) Methacrylonitrile	7.20	41	227398	57.422	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	202779	18.657	ug/l	98
43) Isopropyl Acetate	8.16	43	319976	19.202	ug/l	96
44) Trichloroethene	8.83	130	182339	19.750	ug/l	94
45) 1,2-Dichloropropane	9.11	63	157955	18.661	ug/l	100
46) Dibromomethane	9.20	93	108073	19.138	ug/l	99
47) Bromodichloromethane	9.40	83	215397	19.252	ug/l	99
48) Methyl methacrylate	9.19	41	128533	17.750	ug/l	97
49) 1,4-Dioxane	9.19	88	54060	354.994	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	791189	87.212	ug/l	98
52) Toluene	10.15	92	394863	19.318	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	217534	17.975	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	248661	18.633	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	156911	19.523	ug/l	96
56) Ethyl methacrylate	10.42	69	220472	18.797	ug/l	98
57) 1,3-Dichloropropane	10.70	76	249608	18.590	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	214688	74.230	ug/l	98
59) 2-Hexanone	10.75	43	556261	85.288	ug/l	99
60) Dibromochloromethane	10.90	129	179787	19.961	ug/l	98
61) 1,2-Dibromoethane	11.00	107	165781	19.363	ug/l	100
64) Tetrachloroethene	10.63	164	186715	20.085	ug/l	99
65) Chlorobenzene	11.43	112	432232	19.707	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	171572	20.426	ug/l	100
67) Ethyl Benzene	11.51	91	727644	18.963	ug/l	99
68) m/p-Xylenes	11.62	106	547165	38.702	ug/l	97
69) o-Xylene	11.95	106	269440	19.410	ug/l	99
70) Styrene	11.96	104	419154	18.942	ug/l	100
71) Bromoform	12.13	173	132229	19.954	ug/l #	98
73) Isopropylbenzene	12.25	105	717695	21.895	ug/l	99
74) N-amyl acetate	12.07	43	186814	16.977	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	202850	21.516	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	240716	31.550	ug/l #	100
77) Bromobenzene	12.53	156	191831	22.410	ug/l	95
78) n-propylbenzene	12.59	91	689794	18.889	ug/l	98
79) 2-Chlorotoluene	12.67	91	452789	21.325	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	591661	21.888	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	57091	18.358	ug/l	98
82) 4-Chlorotoluene	12.77	91	411231	19.004	ug/l	98
83) tert-Butylbenzene	12.99	119	533712	22.116	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	552412	20.225	ug/l	99
85) sec-Butylbenzene	13.17	105	611245	20.411	ug/l	100
86) p-Isopropyltoluene	13.29	119	537577	19.224	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	263620	19.841	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	246235	19.523	ug/l	99
89) n-Butylbenzene	13.62	91	412085	20.671	ug/l	99
90) Hexachloroethane	13.88	117	114262	22.755	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	259195	20.927	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23050	17.045	ug/l	93

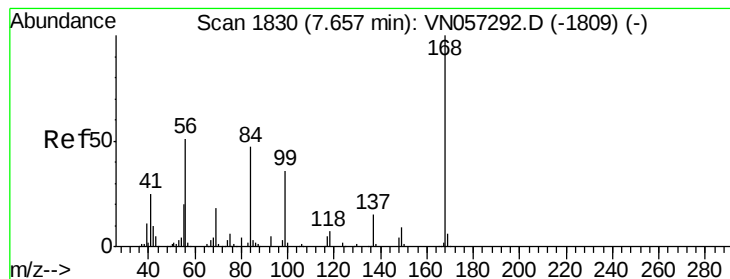
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
Data File : VN057417.D
Acq On : 19 Aug 2019 23:12
Operator : JC/SP
Sample : VN0819WBSD02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

Quant Time: Aug 20 08:48:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	64337	16.954	ug/l	99
94) Hexachlorobutadiene	15.01	225	118686	22.508	ug/l	98
95) Naphthalene	15.13	128	128771	20.916	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	62495	20.636	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

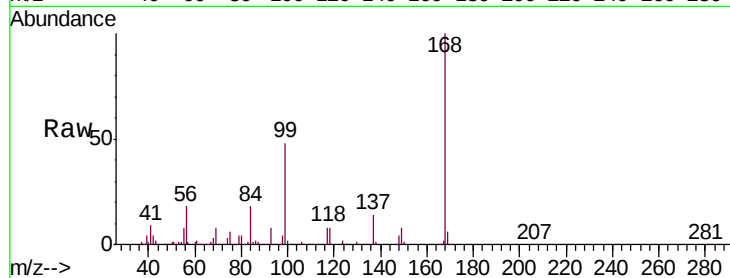
VN0819WBSD02

Tgt Ion:168 Resp: 822547

Ion Ratio Lower Upper

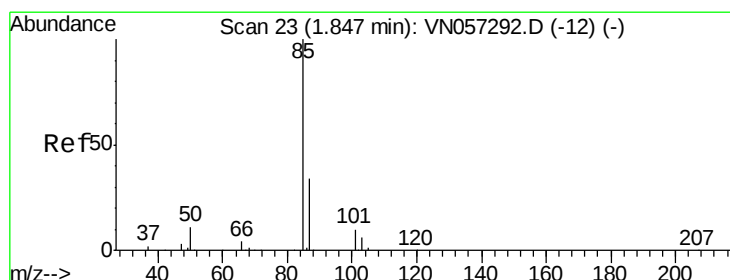
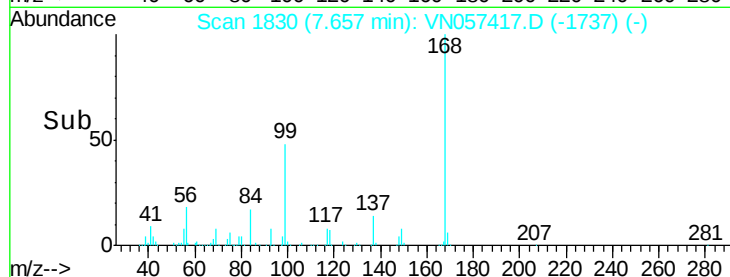
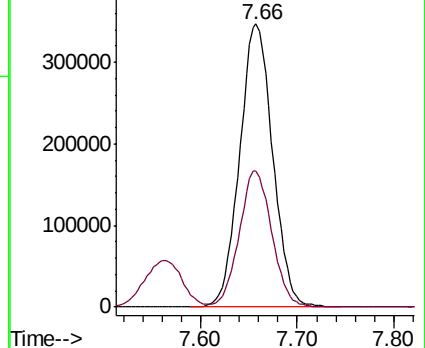
168 100

99 47.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.508 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN057417.D

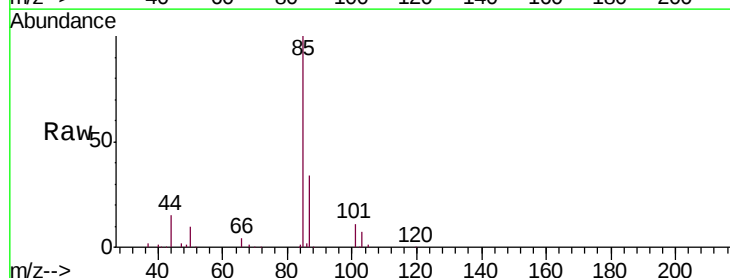
Acq: 19 Aug 2019 23:12

Tgt Ion: 85 Resp: 123921

Ion Ratio Lower Upper

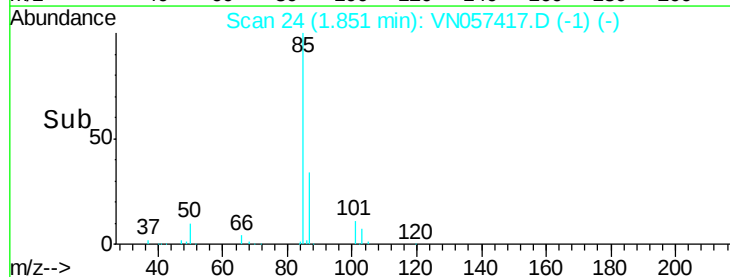
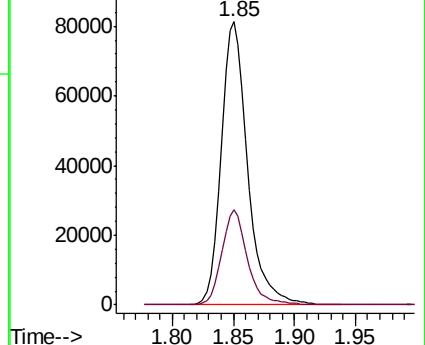
85 100

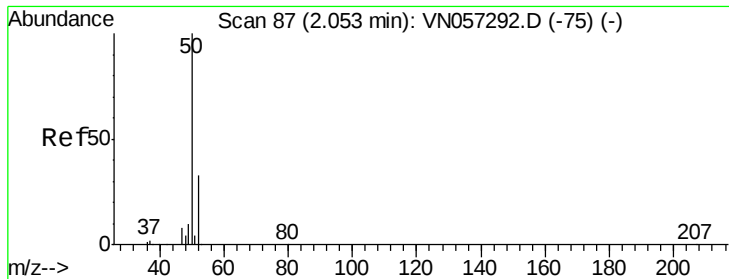
87 33.6 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.066 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

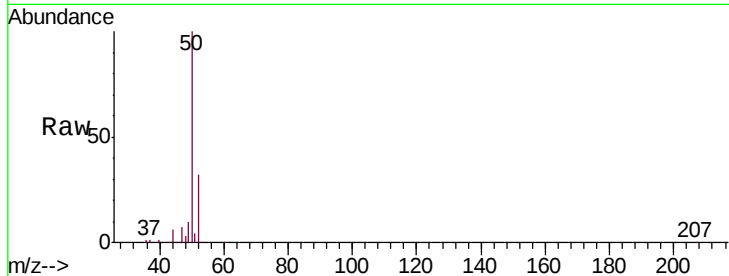
VN0819WBSD02

Tgt Ion: 50 Resp: 142580

Ion Ratio Lower Upper

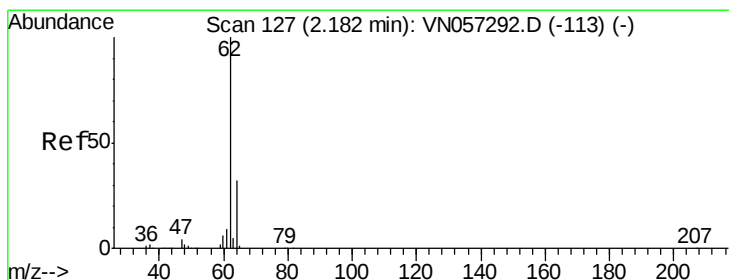
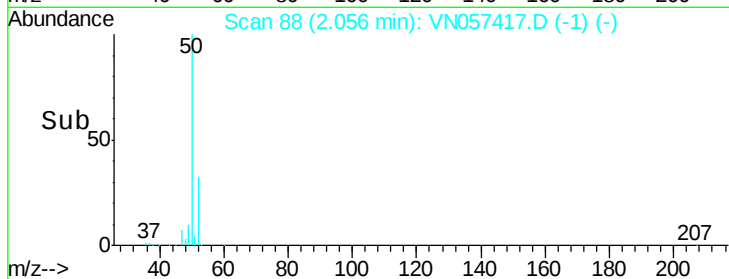
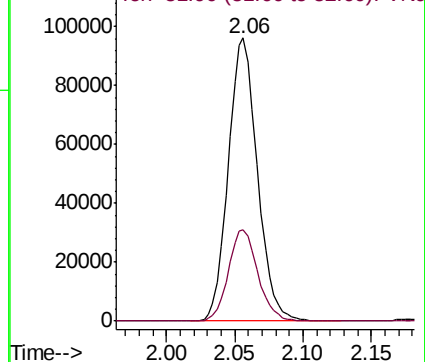
50 100

52 32.4 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.584 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057417.D

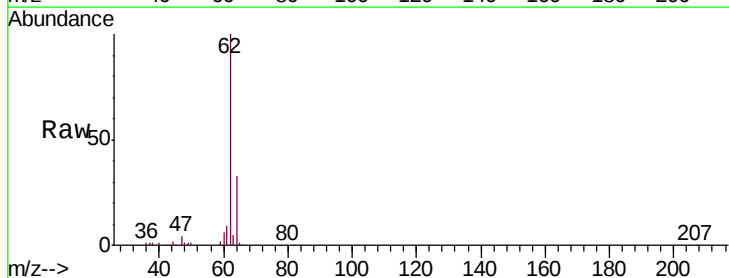
Acq: 19 Aug 2019 23:12

Tgt Ion: 62 Resp: 138210

Ion Ratio Lower Upper

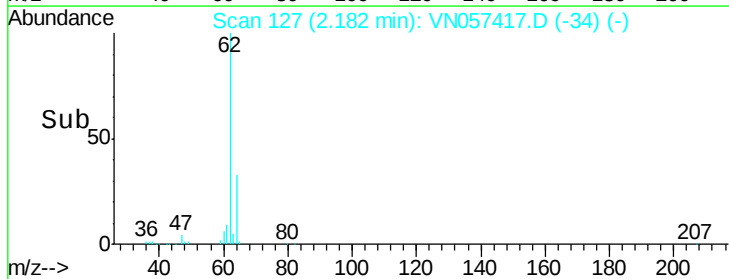
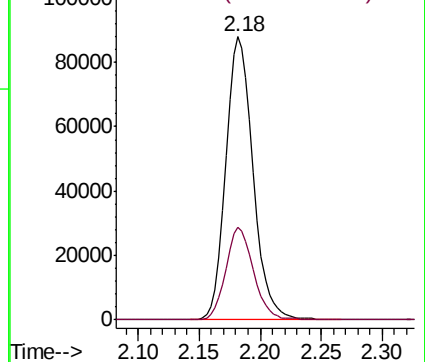
62 100

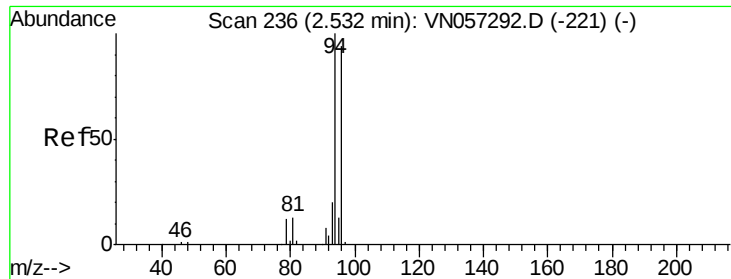
64 33.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.153 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

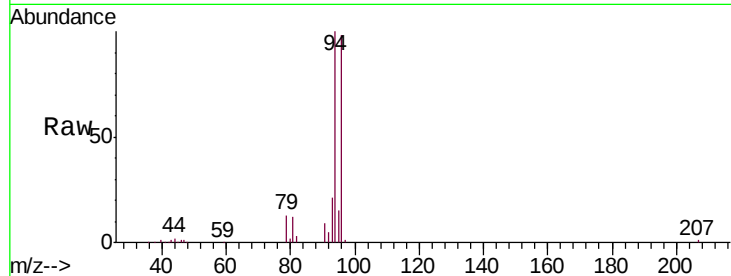
VN0819WBSD02

Tgt Ion: 94 Resp: 112913

Ion Ratio Lower Upper

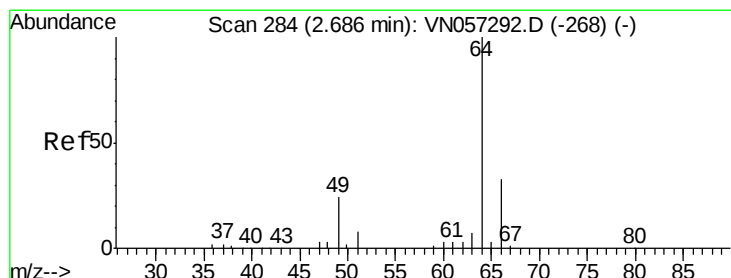
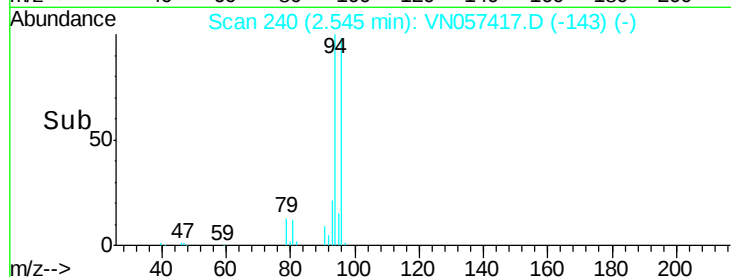
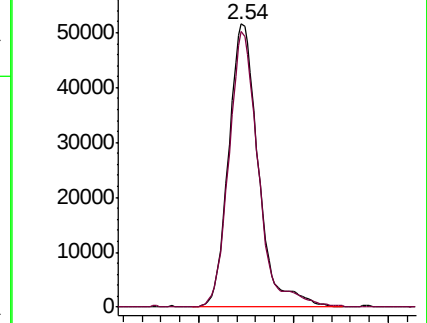
94 100

96 97.5 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.710 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.01 min

Lab File: VN057417.D

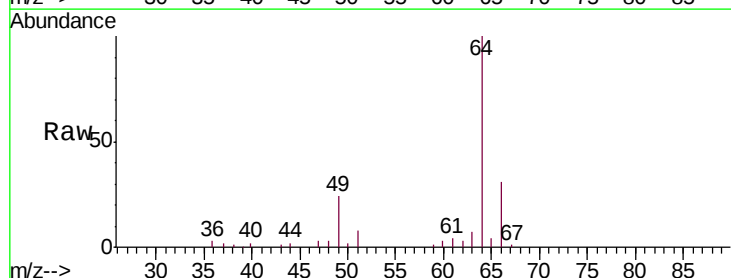
Acq: 19 Aug 2019 23:12

Tgt Ion: 64 Resp: 95748

Ion Ratio Lower Upper

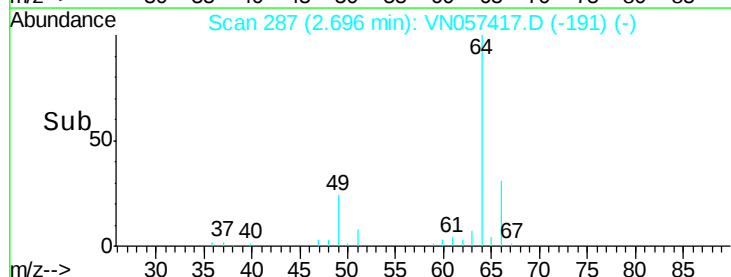
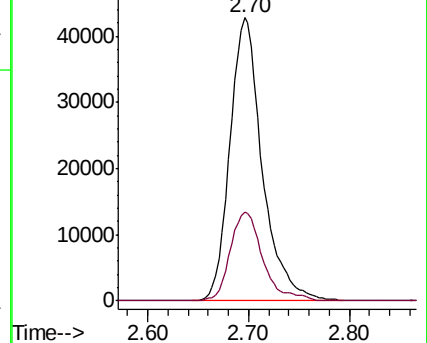
64 100

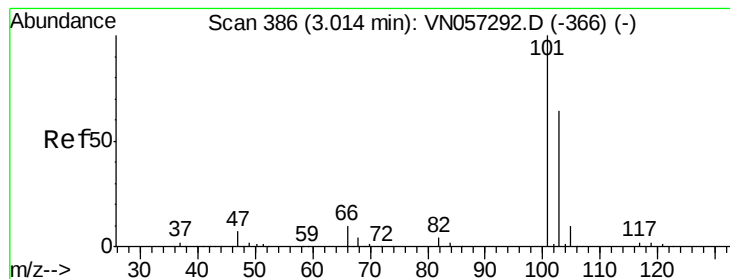
66 31.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



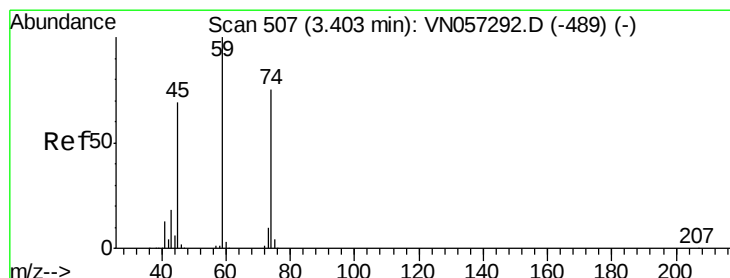
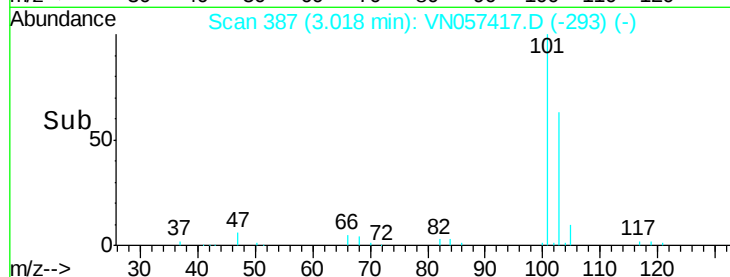
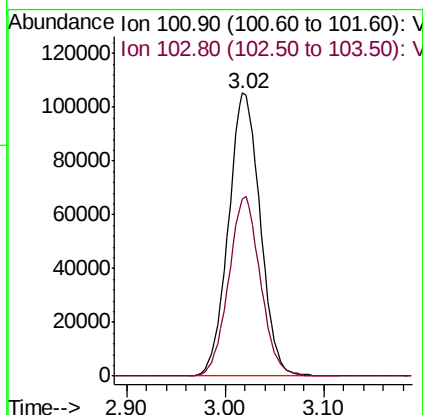
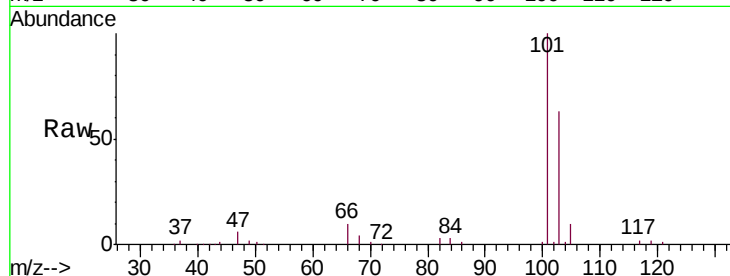


#7

Trichlorofluoromethane
Concen: 19.148 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

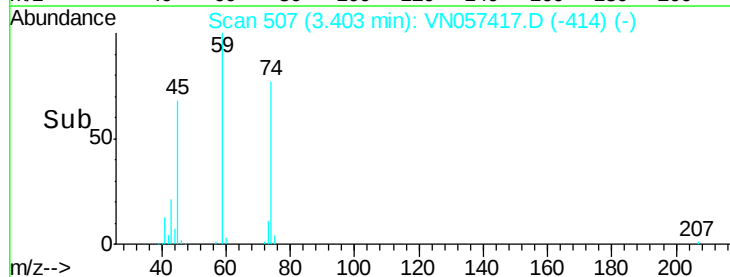
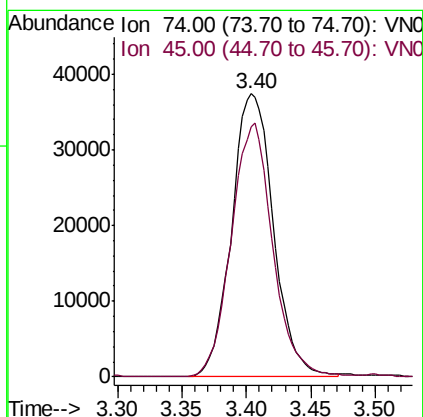
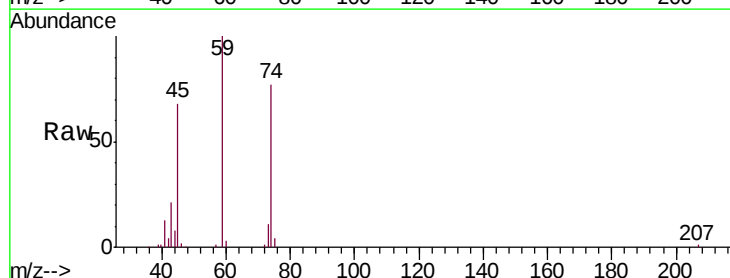
Tgt Ion: 101 Resp: 236066
Ion Ratio Lower Upper
101 100
103 62.8 51.5 77.3

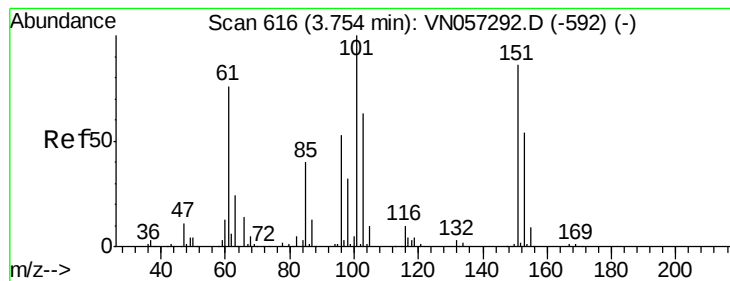


#8

Diethyl Ether
Concen: 18.188 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion: 74 Resp: 84395
Ion Ratio Lower Upper
74 100
45 89.0 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.815 ug/l

RT: 3.76 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

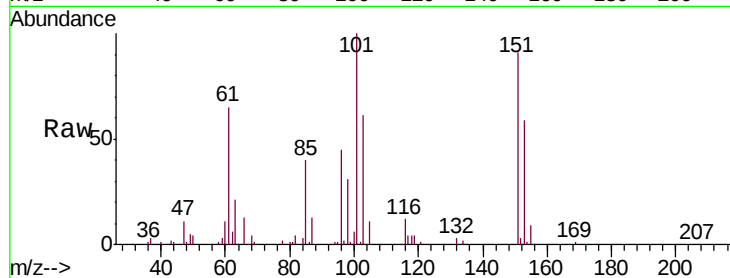
Tgt Ion:101 Resp: 136281

Ion Ratio Lower Upper

101 100

85 41.1 32.7 49.1

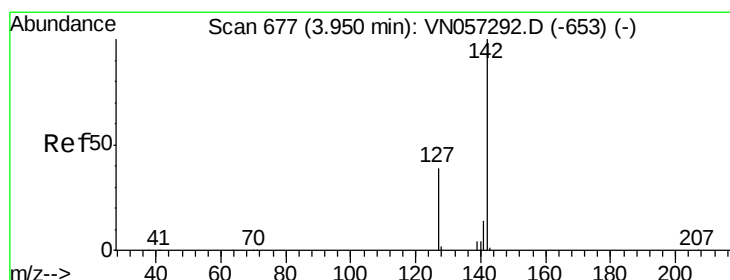
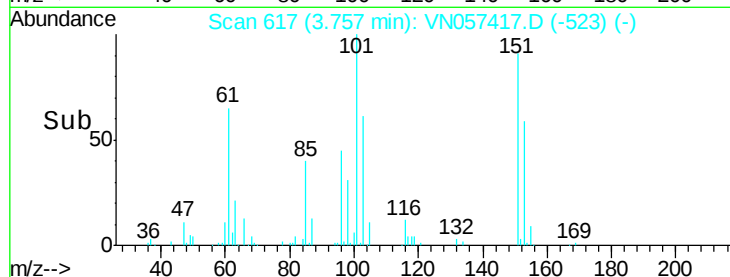
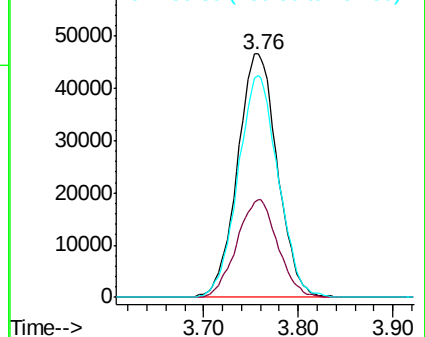
151 91.8 69.1 103.7



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: 19.534 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

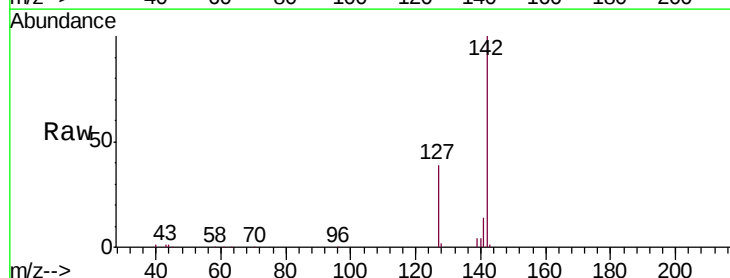
Tgt Ion:142 Resp: 226168

Ion Ratio Lower Upper

142 100

127 38.6 31.6 47.4

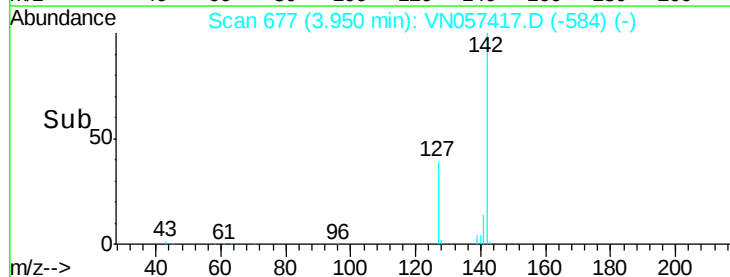
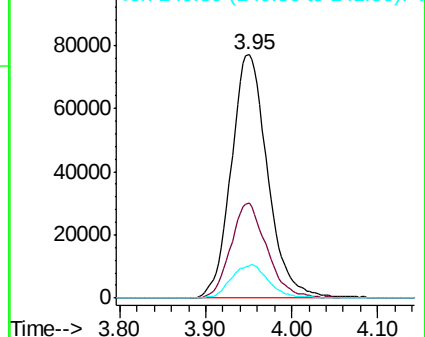
141 14.1 11.2 16.8

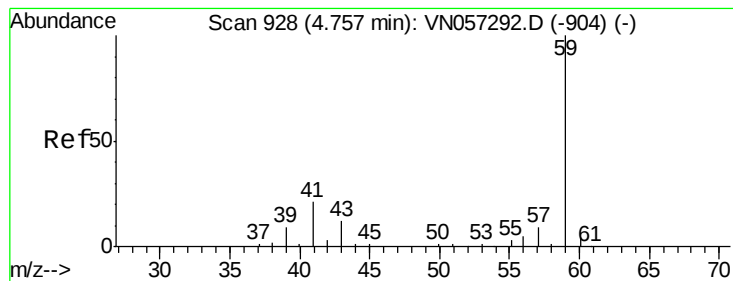


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 87.606 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

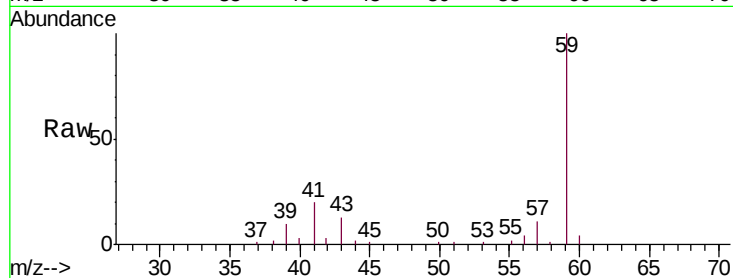
VN0819WBSD02

Tgt Ion: 59 Resp: 111367

Ion Ratio Lower Upper

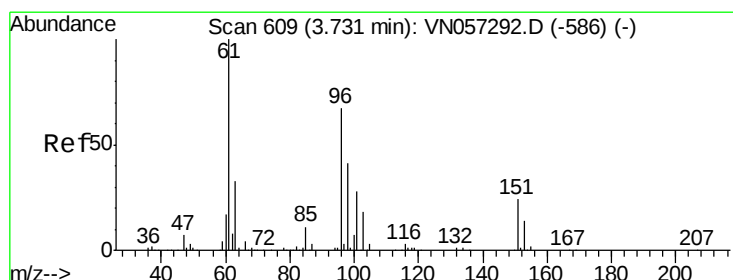
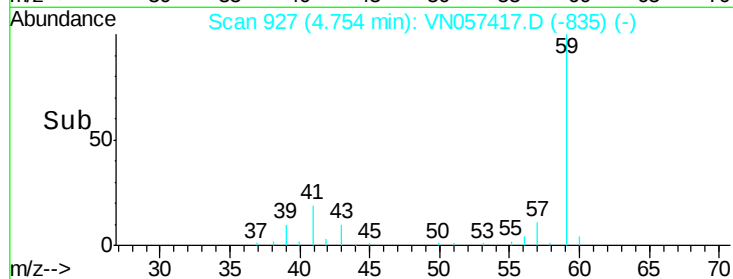
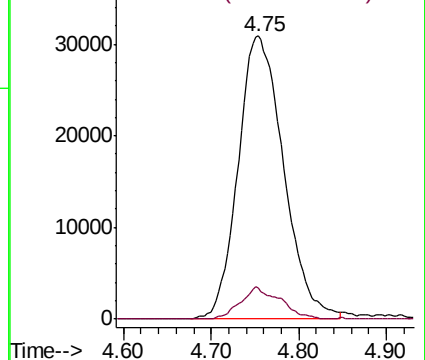
59 100

57 9.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 18.674 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

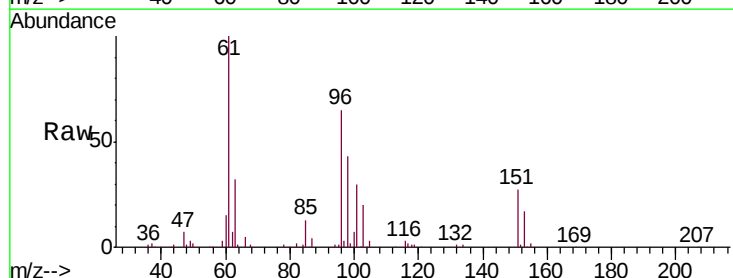
Tgt Ion: 96 Resp: 134770

Ion Ratio Lower Upper

96 100

61 153.3 119.7 179.5

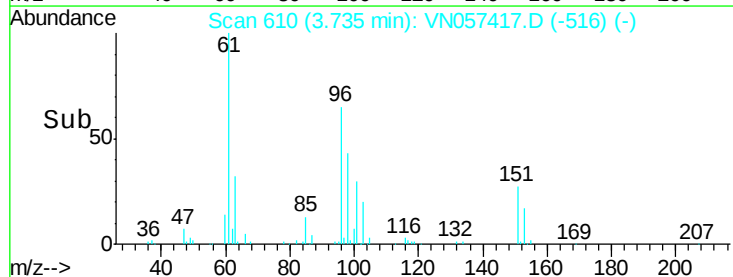
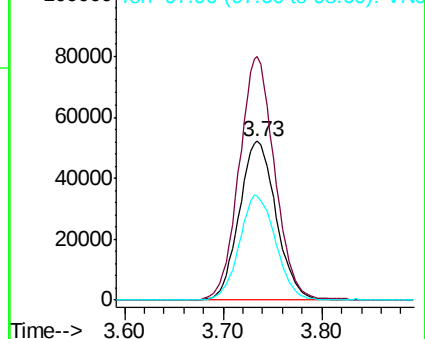
98 65.8 49.0 73.4

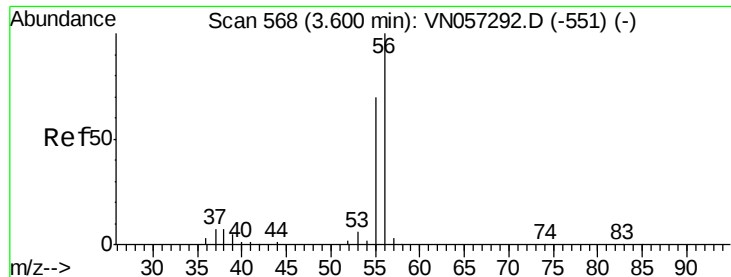


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 48.749 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

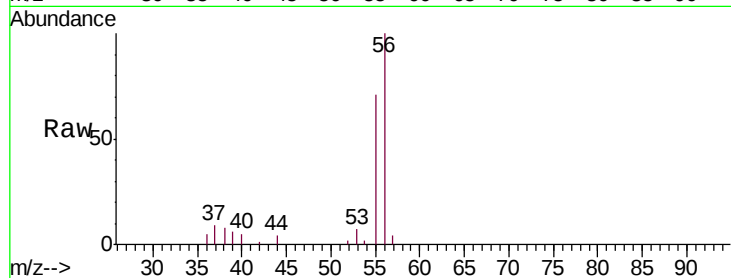
VN0819WBSD02

Tgt Ion: 56 Resp: 37621

Ion Ratio Lower Upper

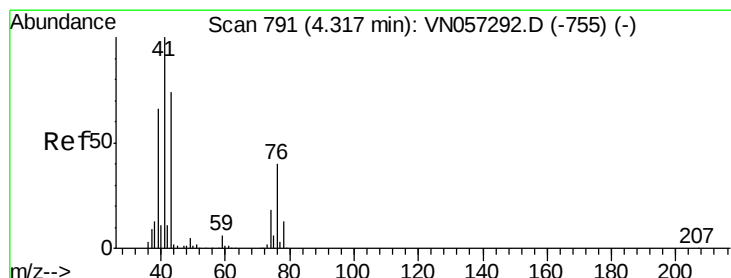
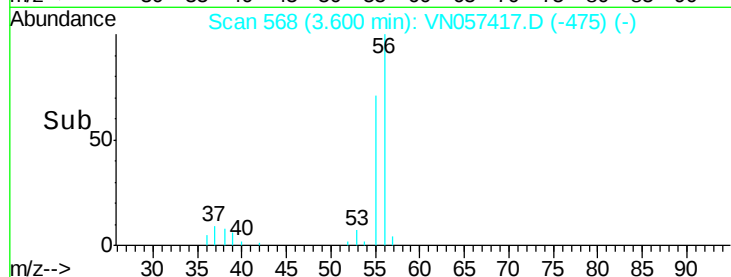
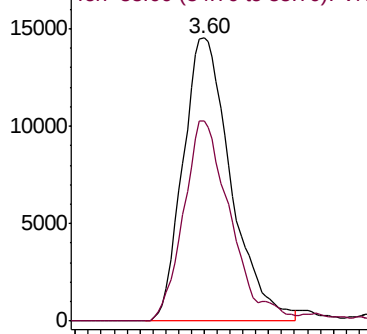
56 100

55 68.7 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.144 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

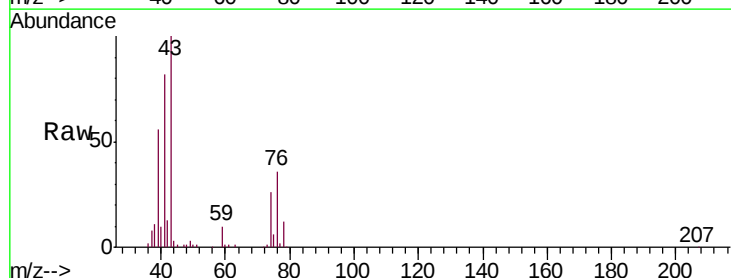
Tgt Ion: 41 Resp: 186768

Ion Ratio Lower Upper

41 100

39 66.5 49.0 73.6

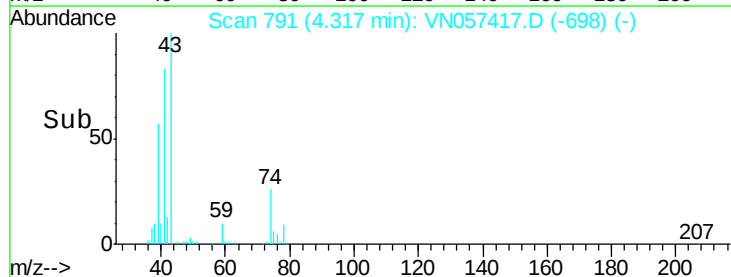
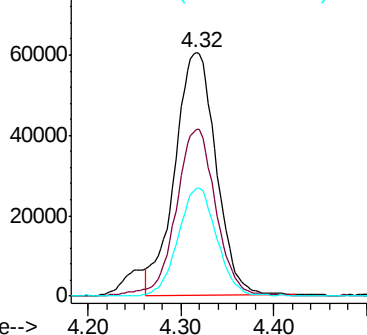
76 41.6 29.0 43.4

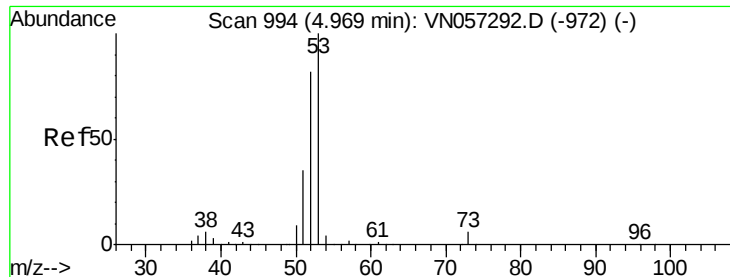


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 90.494 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

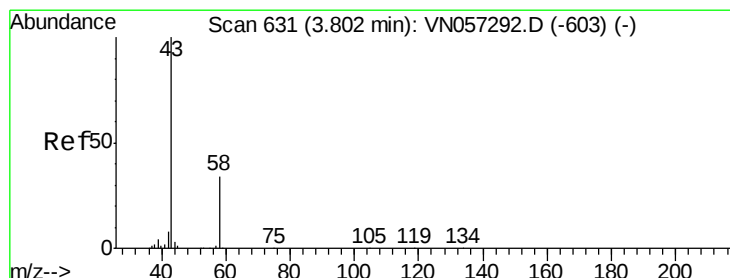
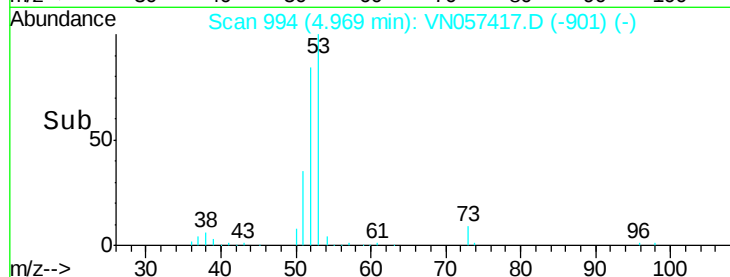
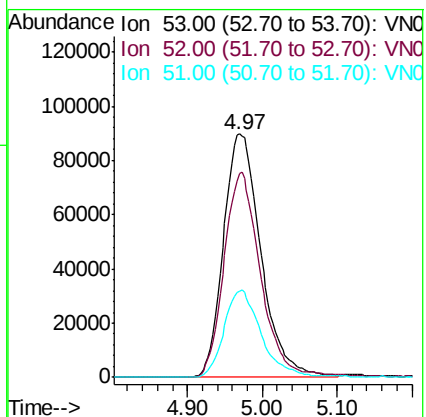
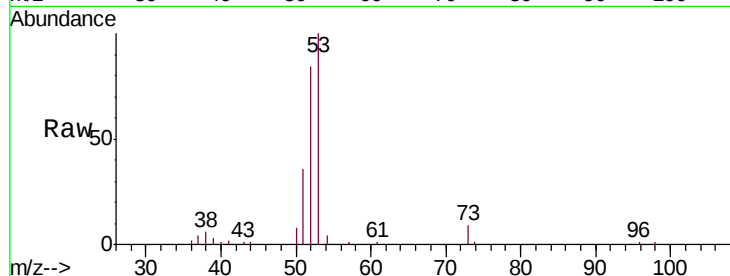
Tgt Ion: 53 Resp: 312320

Ion Ratio Lower Upper

53 100

52 81.5 66.2 99.2

51 35.7 28.5 42.7



#16

Acetone

Concen: 77.197 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: VN057417.D

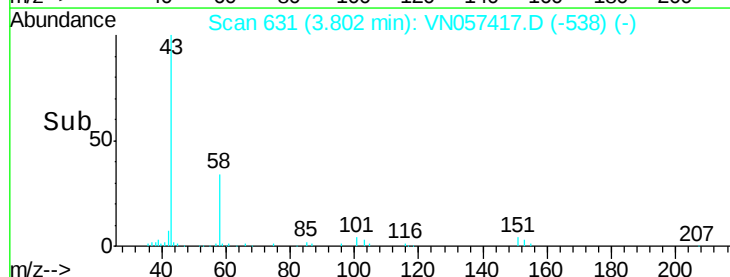
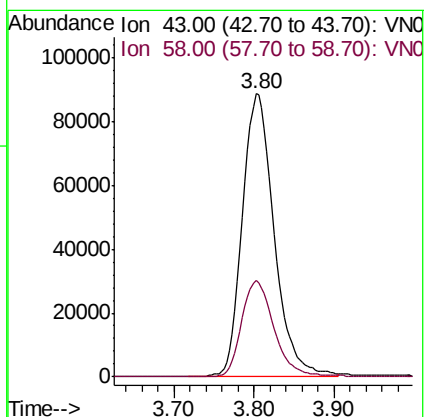
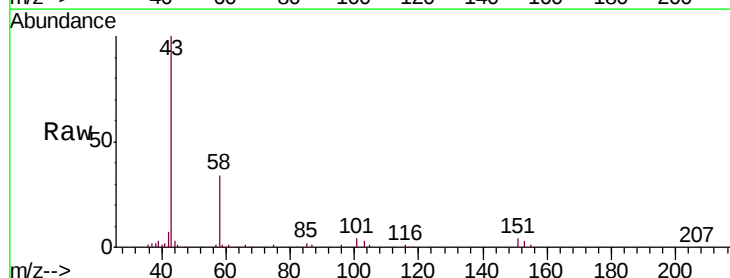
Acq: 19 Aug 2019 23:12

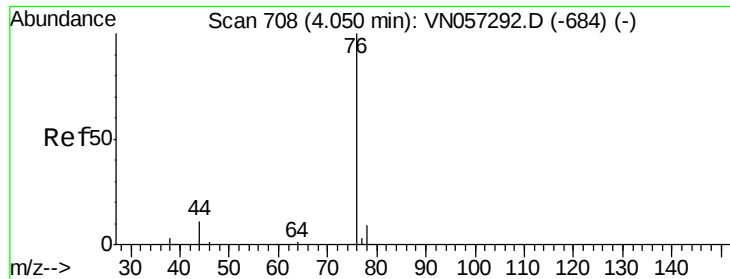
Tgt Ion: 43 Resp: 239461

Ion Ratio Lower Upper

43 100

58 33.9 27.0 40.6

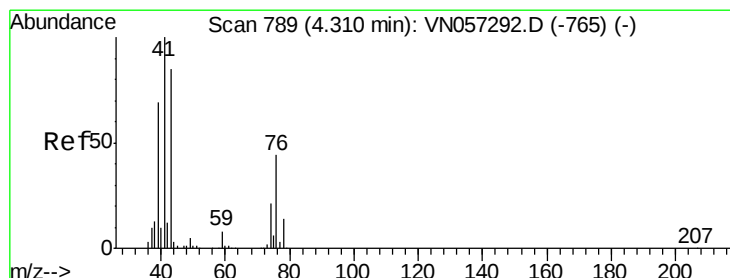
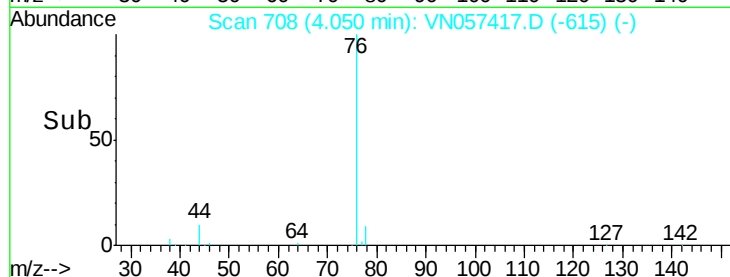
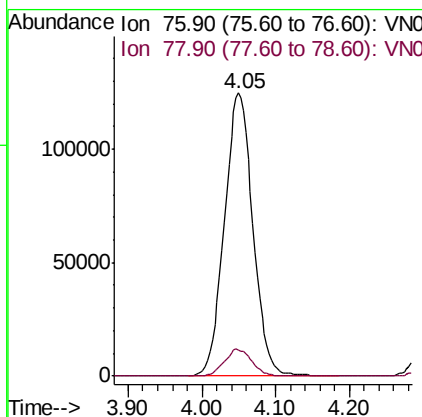
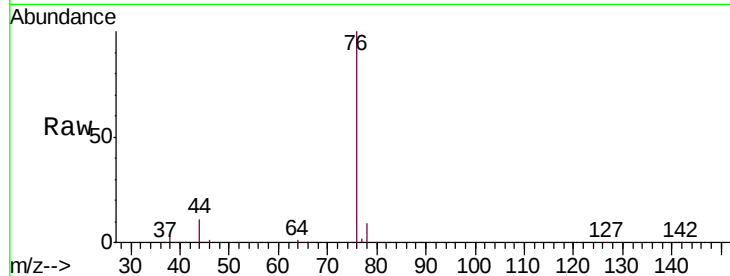




#17
Carbon Disulfide
Concen: 17.235 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

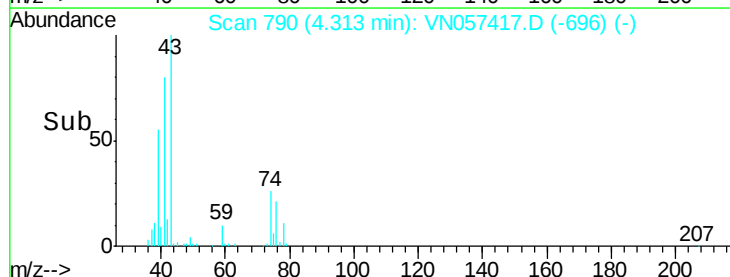
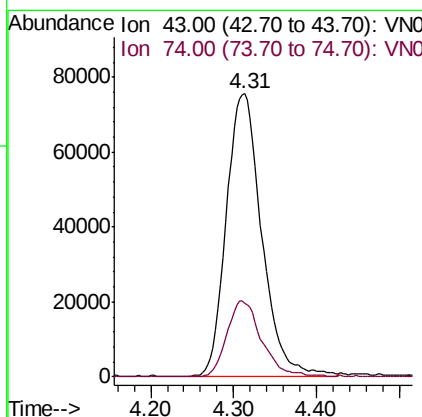
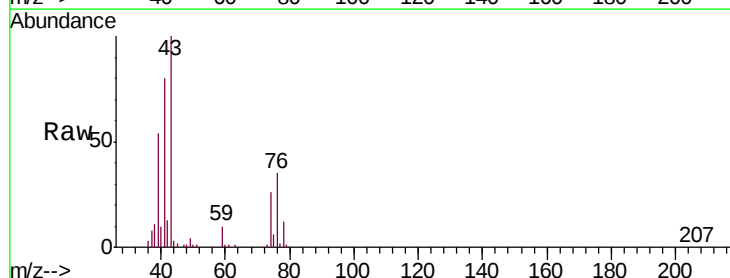
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

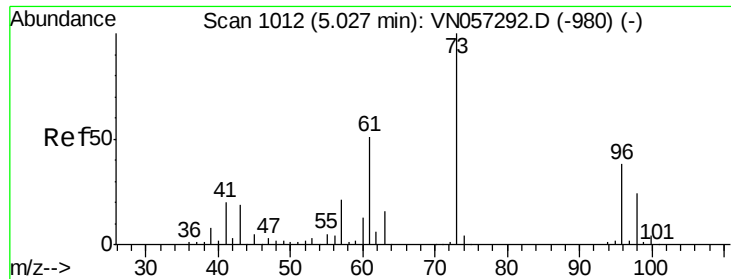
Tgt Ion: 76 Resp: 335102
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 25.747 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion: 43 Resp: 223132
Ion Ratio Lower Upper
43 100
74 26.3 20.2 30.2

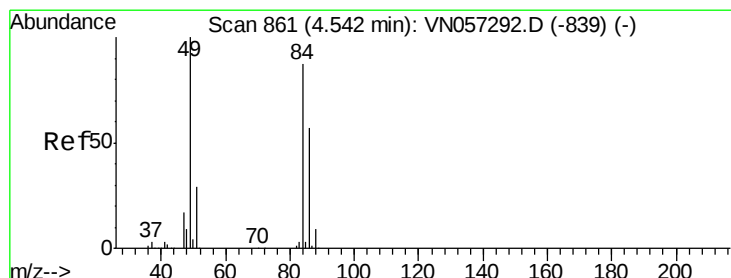
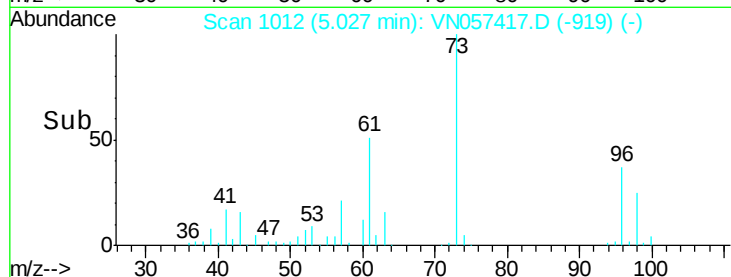
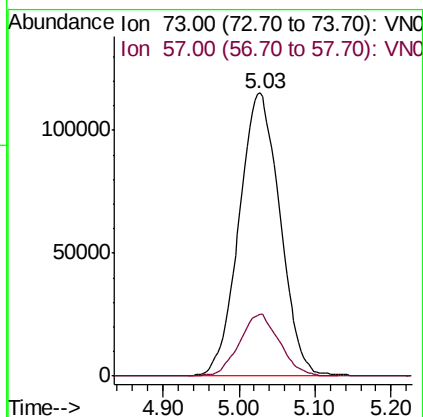
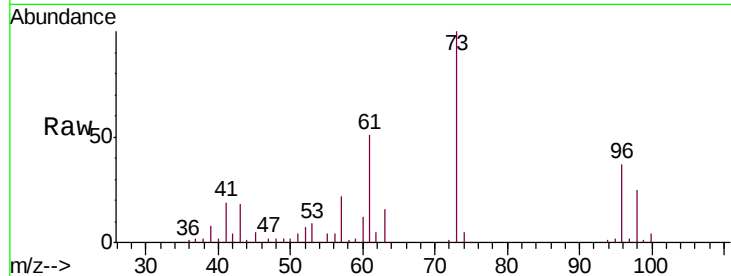




#19
Methyl tert-butyl Ether
Concen: 18.974 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

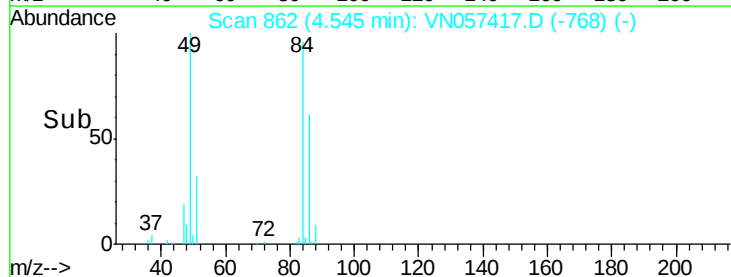
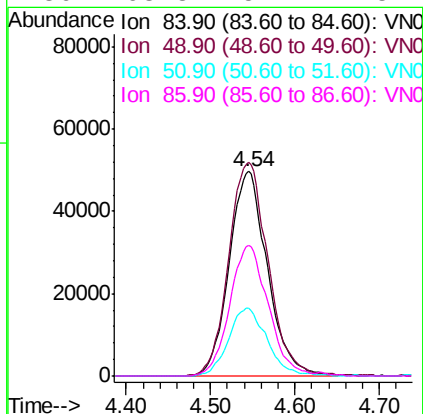
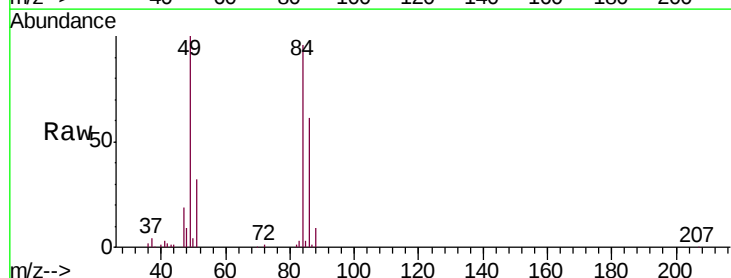
Instrument :
MSVOA_N
ClientSampled :
VN0819WBSD02

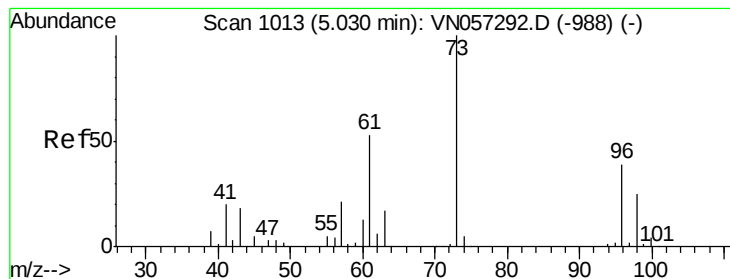
Tgt Ion: 73 Resp: 429660
Ion Ratio Lower Upper
73 100
57 21.9 16.9 25.3



#20
Methylene Chloride
Concen: 18.071 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion: 84 Resp: 156840
Ion Ratio Lower Upper
84 100
49 104.0 92.0 138.0
51 33.0 27.1 40.7
86 63.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.722 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

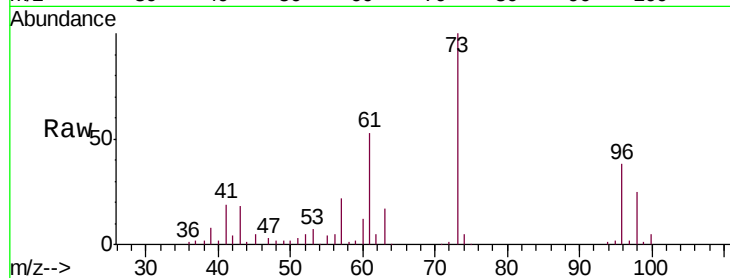
Tgt Ion: 96 Resp: 145304

Ion Ratio Lower Upper

96 100

61 140.0 109.5 164.3

98 67.6 51.0 76.6

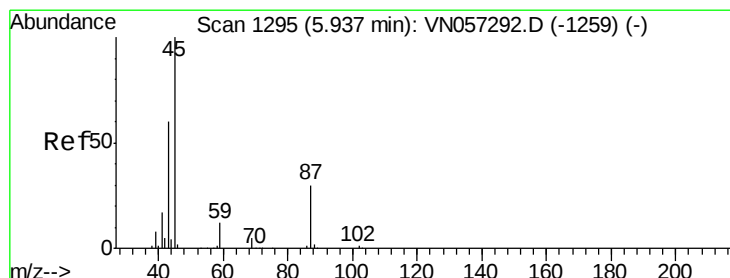
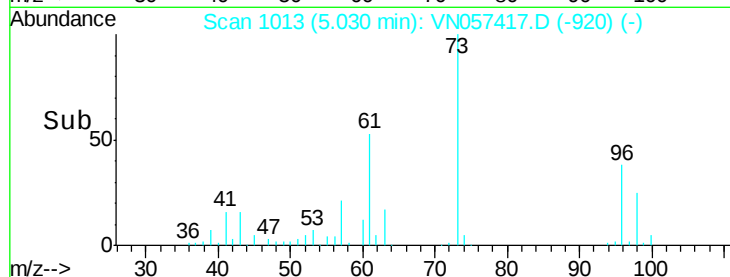
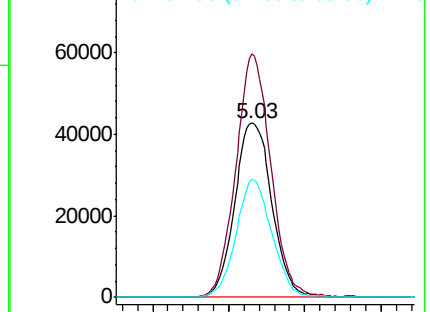


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.180 ug/l

RT: 5.93 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Tgt Ion: 45 Resp: 415456

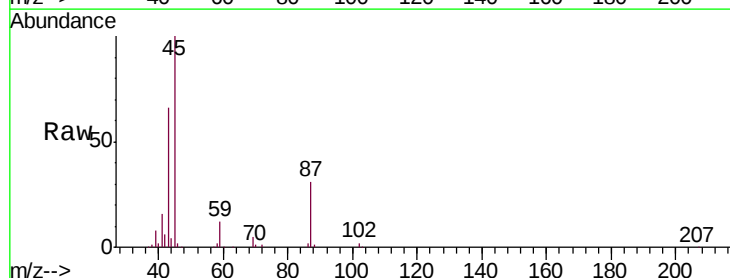
Ion Ratio Lower Upper

45 100

43 64.2 48.3 72.5

87 30.9 24.6 36.8

59 11.8 9.8 14.8



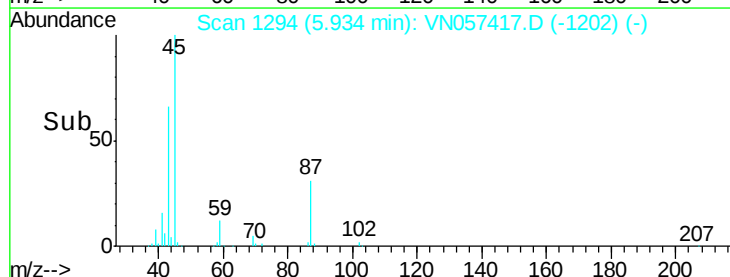
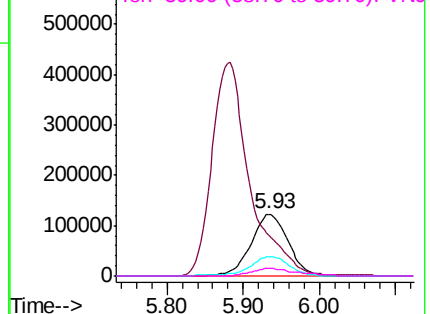
Abundance

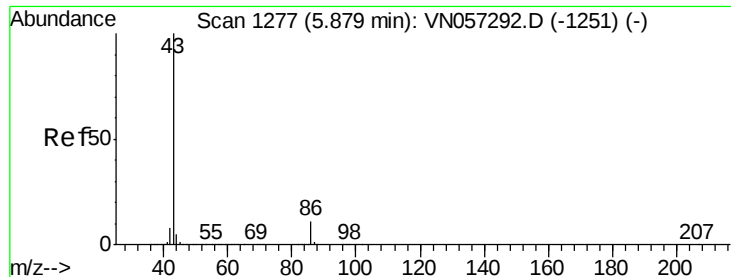
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 80.160 ug/l

RT: 5.88 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

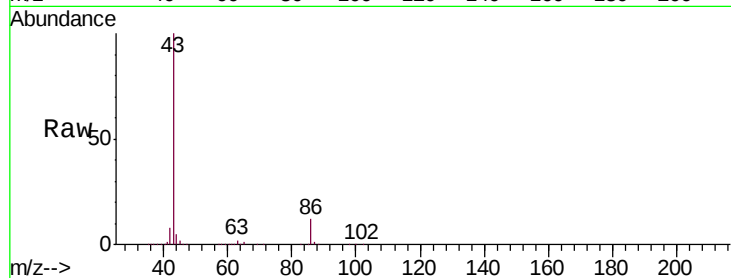
VN0819WBSD02

Tgt Ion: 43 Resp: 1474323

Ion Ratio Lower Upper

43 100

86 11.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.88

400000

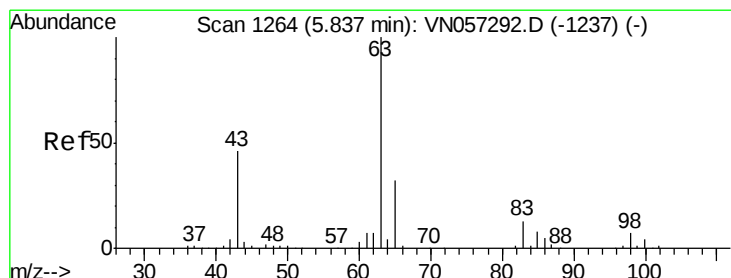
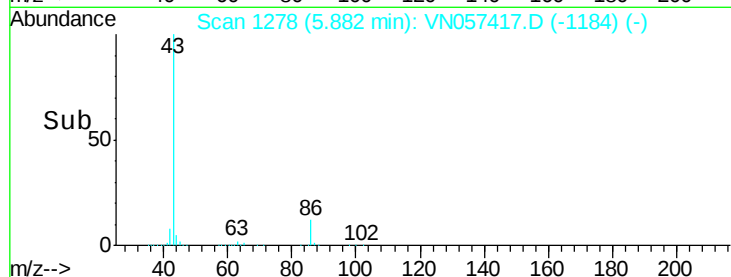
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.606 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

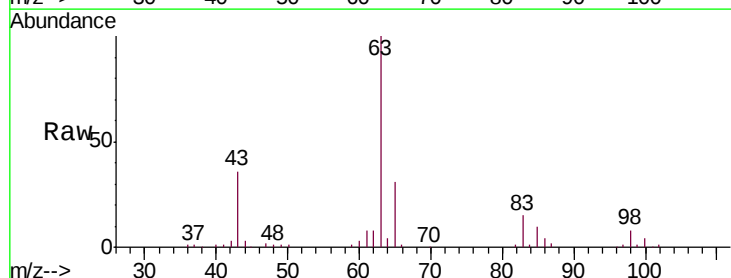
Tgt Ion: 63 Resp: 261591

Ion Ratio Lower Upper

63 100

98 8.2 3.3 9.9

100 4.2 2.1 6.5



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

5.84

100000

80000

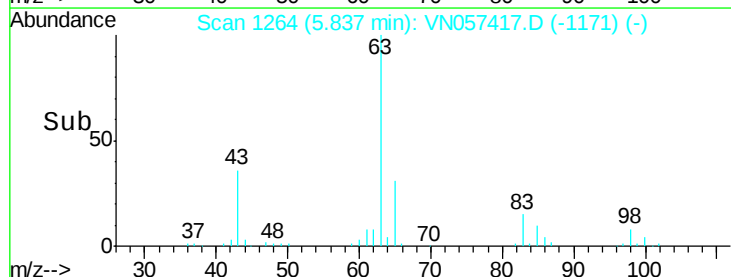
60000

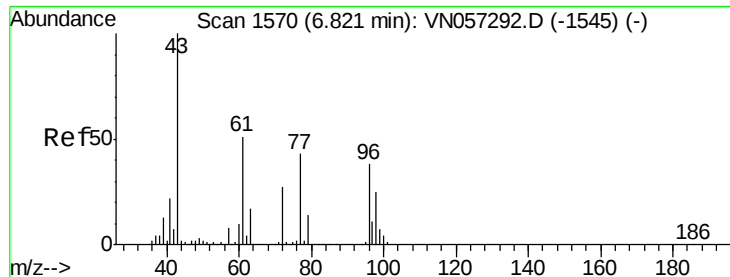
40000

20000

0

Time-->

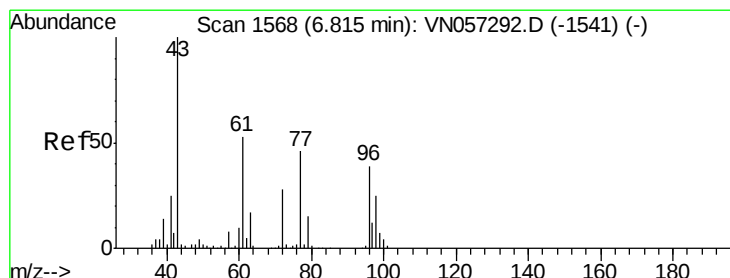
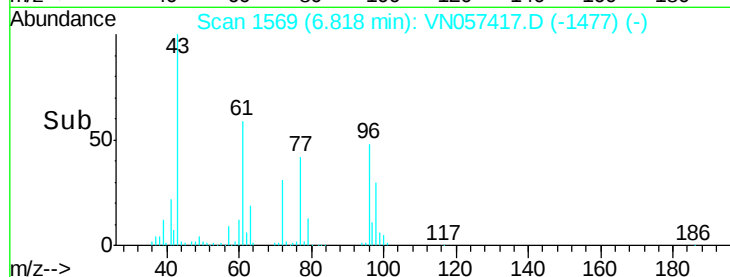
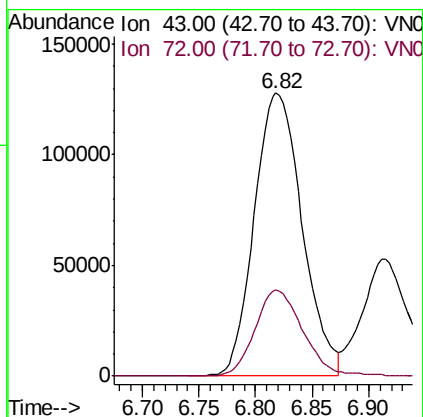
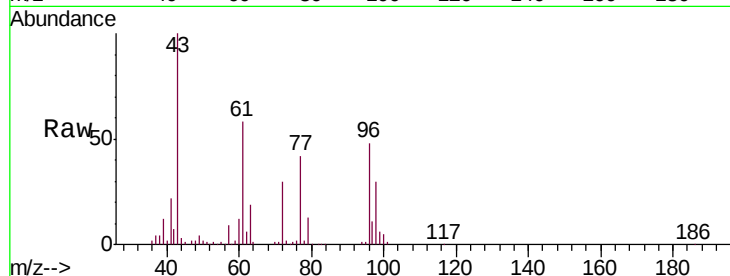




#25
 2-Butanone
 Concen: 83.711 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

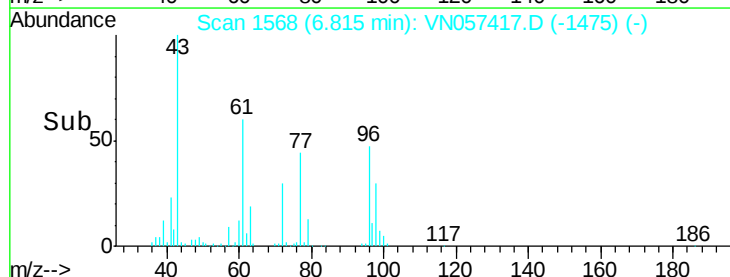
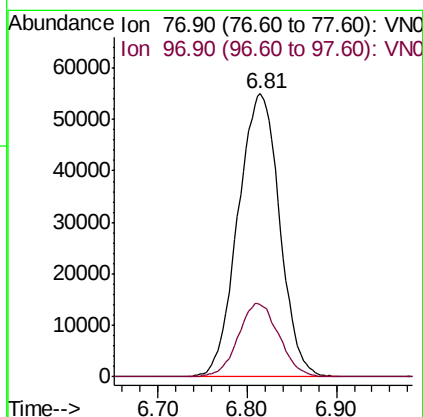
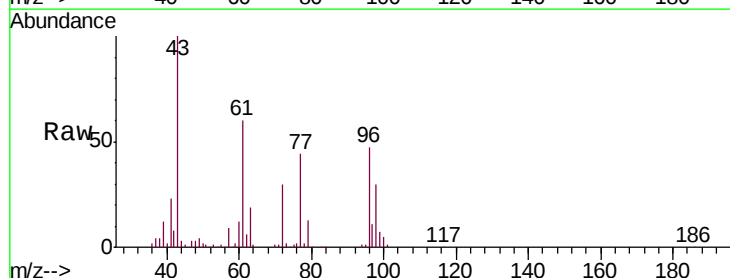
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD02

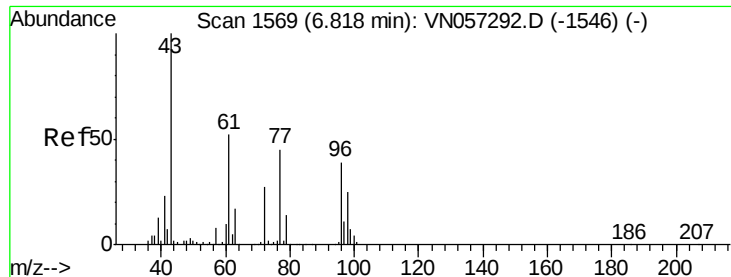
Tgt Ion: 43 Resp: 376029
 Ion Ratio Lower Upper
 43 100
 72 30.5 21.5 32.3



#26
 2,2-Dichloropropane
 Concen: 15.661 ug/l
 RT: 6.81 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

Tgt Ion: 77 Resp: 177956
 Ion Ratio Lower Upper
 77 100
 97 25.4 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.210 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

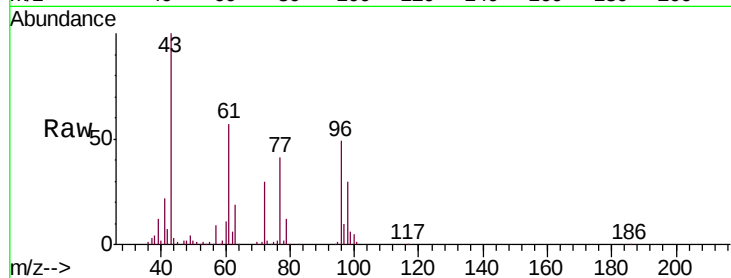
Tgt Ion: 96 Resp: 176504

Ion Ratio Lower Upper

96 100

61 127.9 0.0 272.0

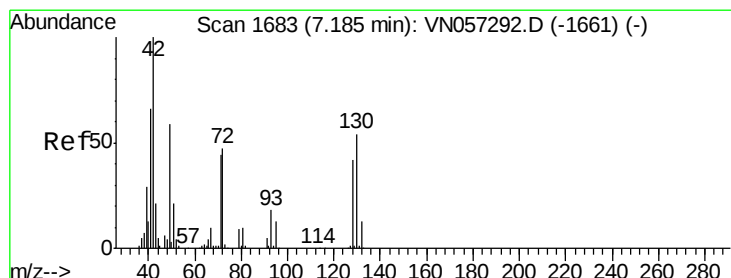
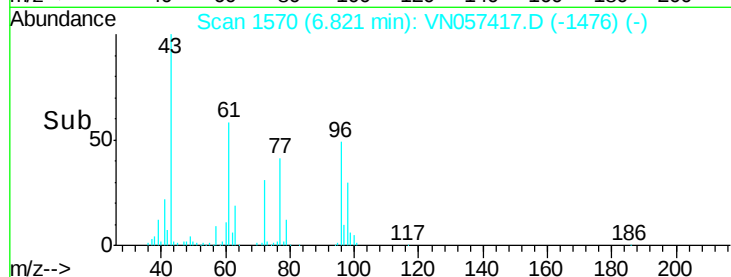
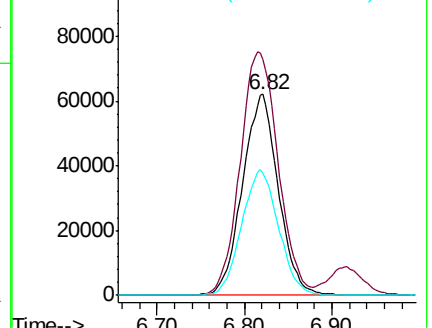
98 64.1 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.474 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

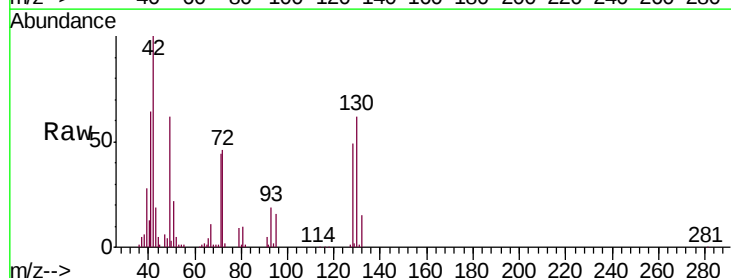
Tgt Ion: 49 Resp: 121653

Ion Ratio Lower Upper

49 100

129 2.8 0.0 2.0#

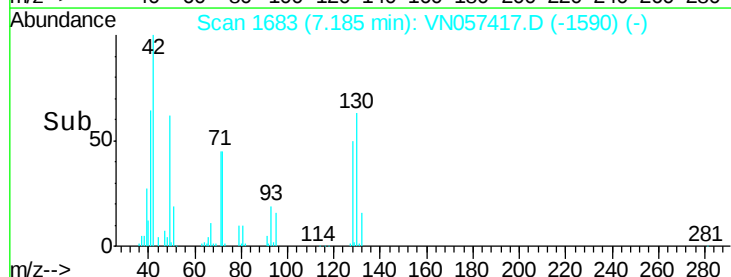
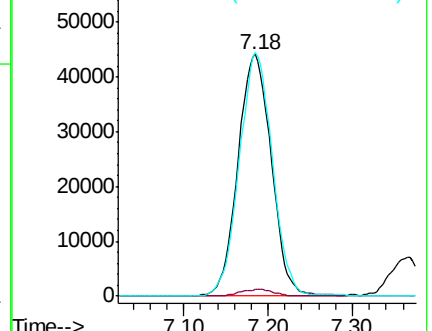
130 99.7 73.2 109.8

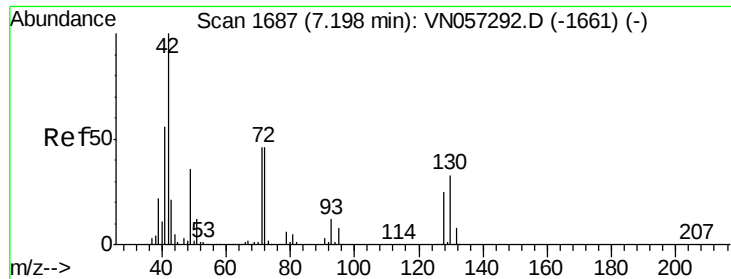


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 88.844 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

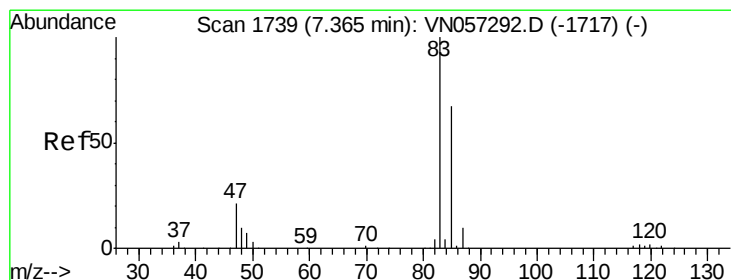
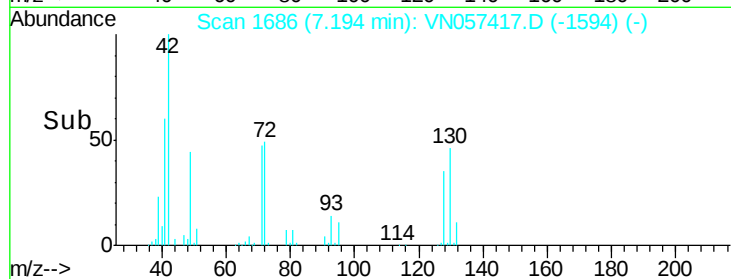
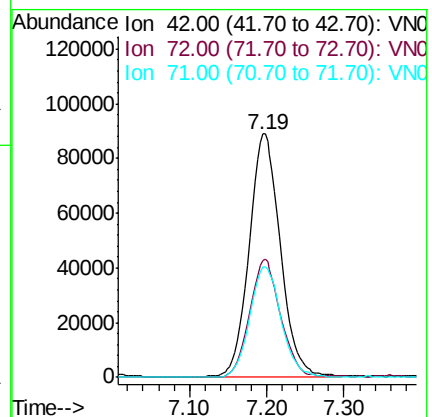
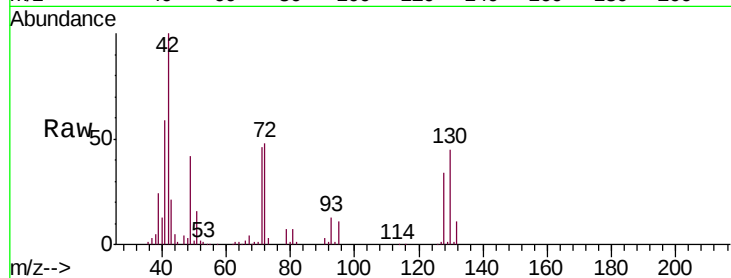
Tgt Ion: 42 Resp: 252559

Ion Ratio Lower Upper

42 100

72 47.7 37.8 56.6

71 45.6 35.7 53.5



#30

Chloroform

Concen: 18.872 ug/l

RT: 7.36 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN057417.D

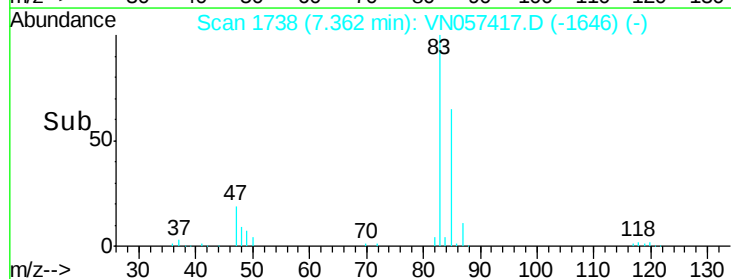
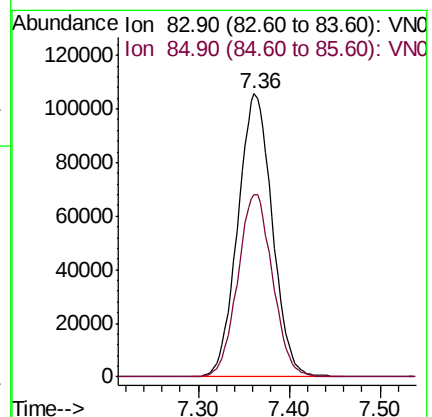
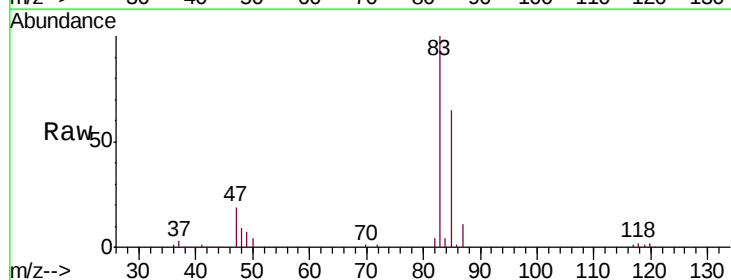
Acq: 19 Aug 2019 23:12

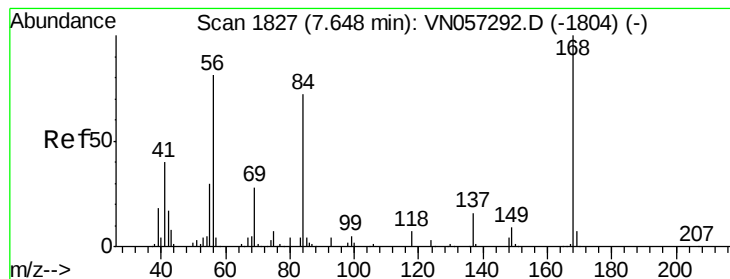
Tgt Ion: 83 Resp: 278054

Ion Ratio Lower Upper

83 100

85 64.6 53.3 79.9





#31

Cyclohexane

Concen: 17.657 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

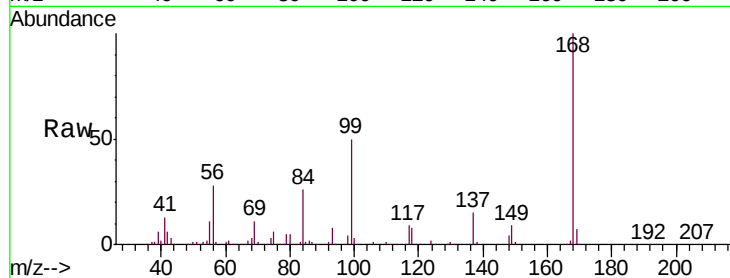
Tgt Ion: 56 Resp: 215133

Ion Ratio Lower Upper

56 100

69 40.1 27.3 40.9

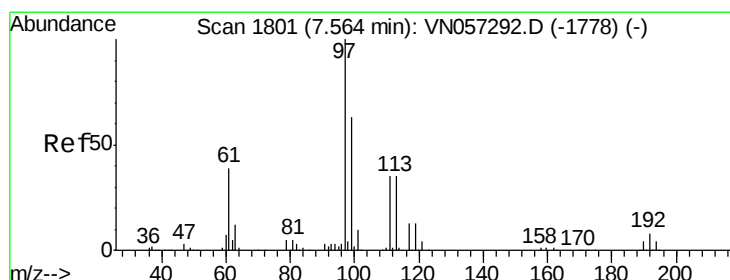
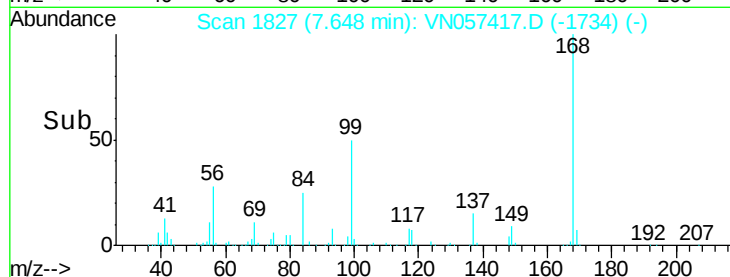
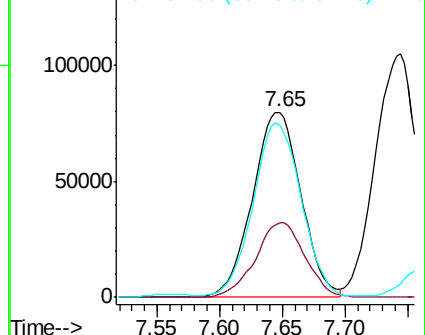
84 91.5 71.0 106.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.557 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. -0.01 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

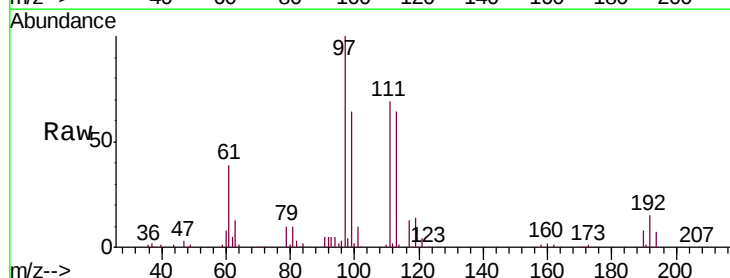
Tgt Ion: 97 Resp: 242359

Ion Ratio Lower Upper

97 100

99 65.3 50.3 75.5

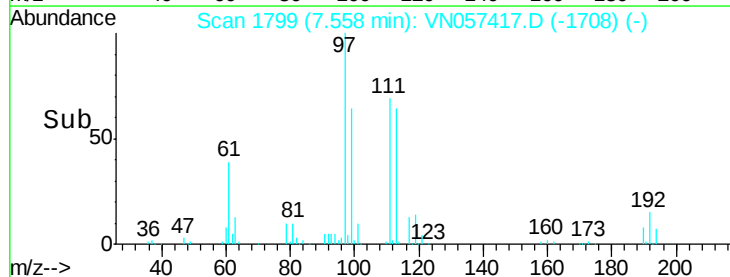
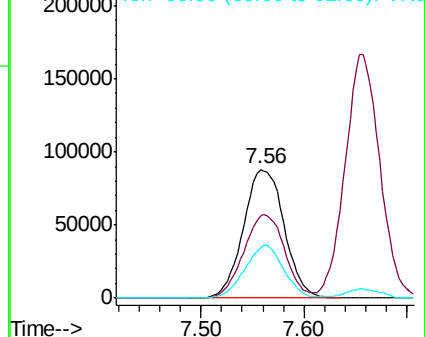
61 38.9 31.3 46.9

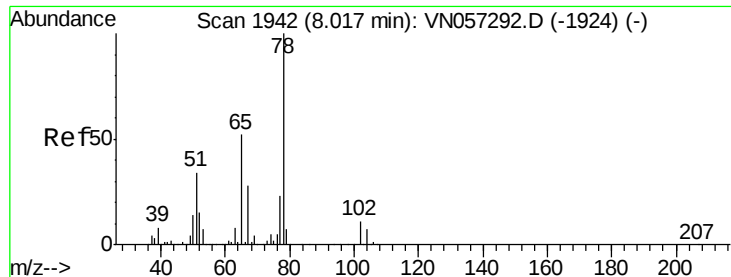


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.692 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

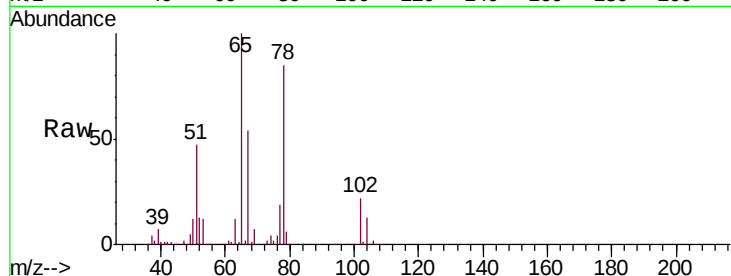
VN0819WBSD02

Tgt Ion: 65 Resp: 426461

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057417.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057417.D (-1849) (-)

8.02

200000

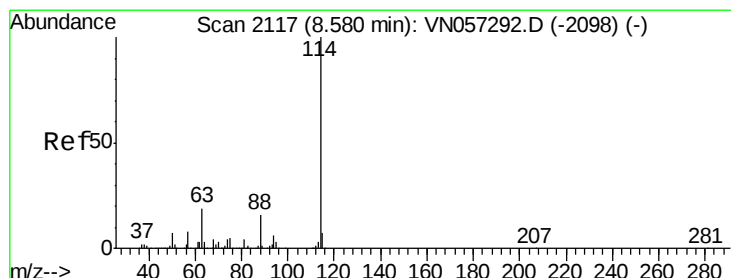
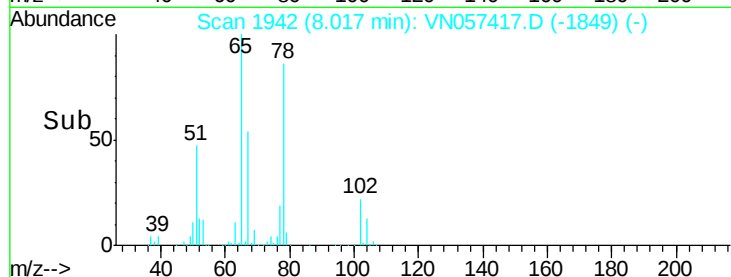
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. -0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

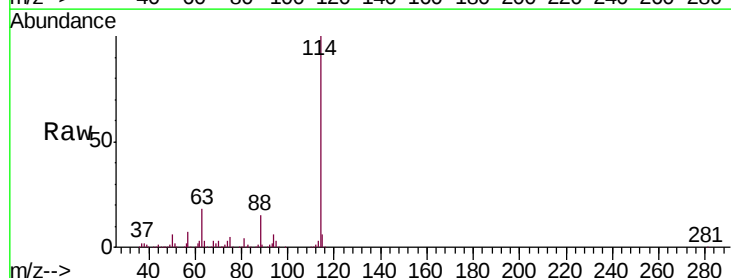
Tgt Ion: 114 Resp: 1216012

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.8

88 14.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057417.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057417.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057417.D (-2024) (-)

8.58

800000

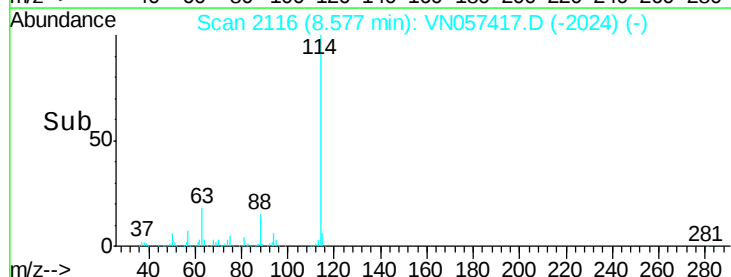
600000

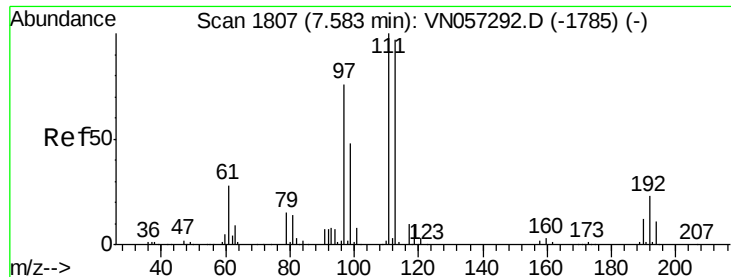
400000

200000

0

Time--> 8.50 8.60 8.70

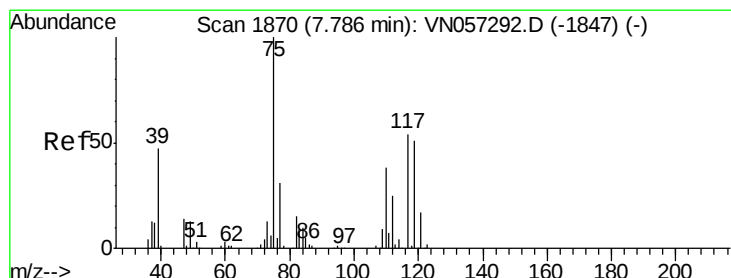
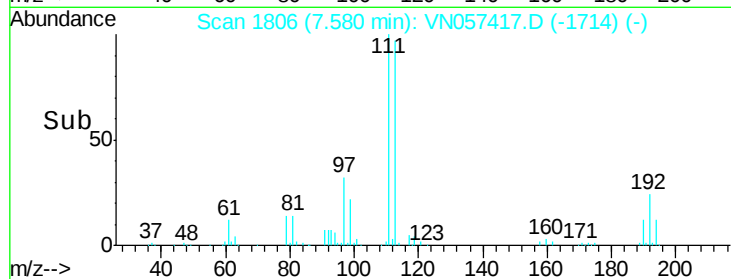
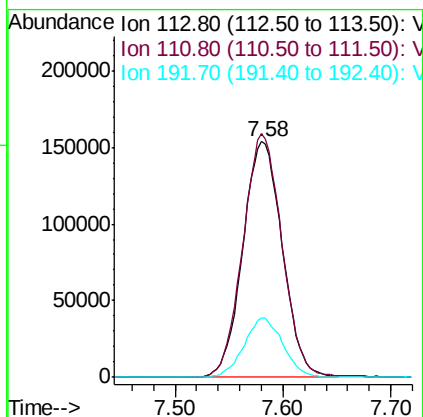
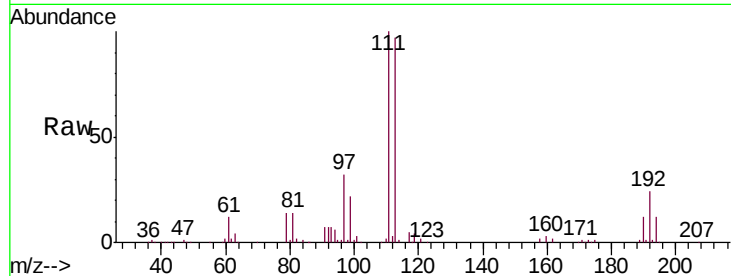




#35
 Dibromofluoromethane
 Concen: 49.126 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

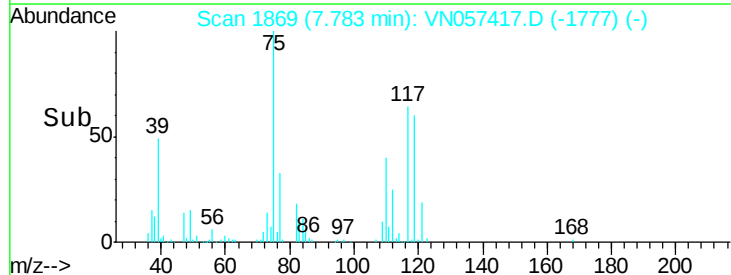
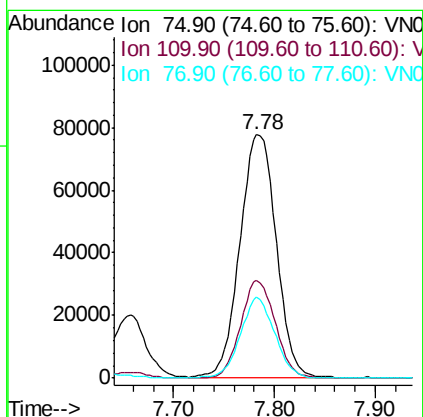
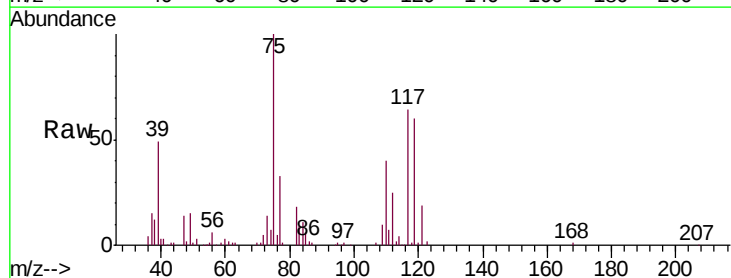
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD02

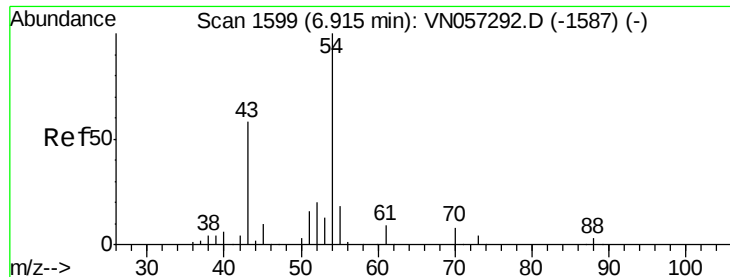
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	24.6	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 18.008 ug/l
 RT: 7.78 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	19.5	58.5
77	31.5	25.0	37.6

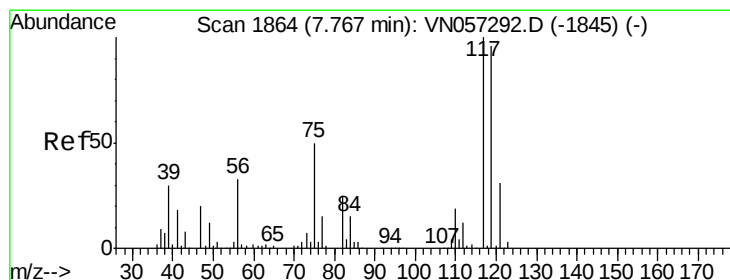
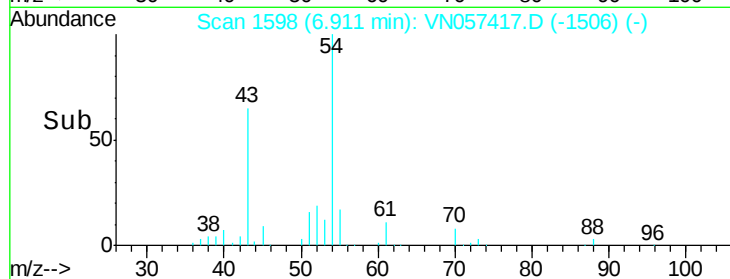
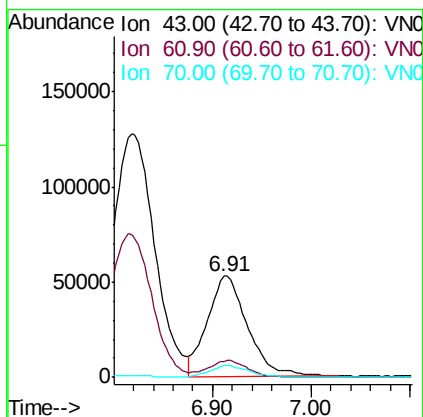
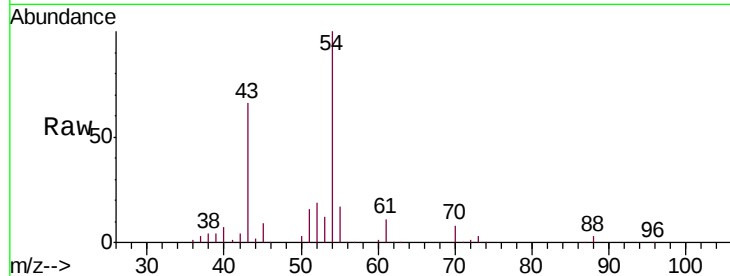




#37
Ethyl Acetate
Concen: 17.033 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

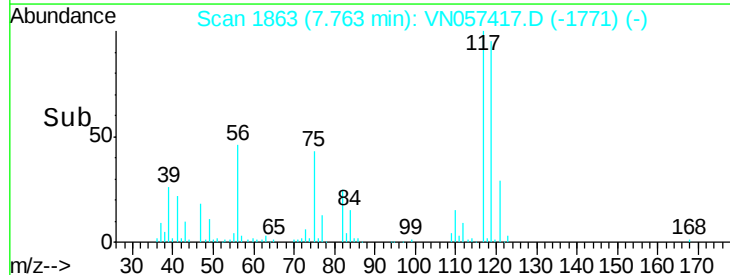
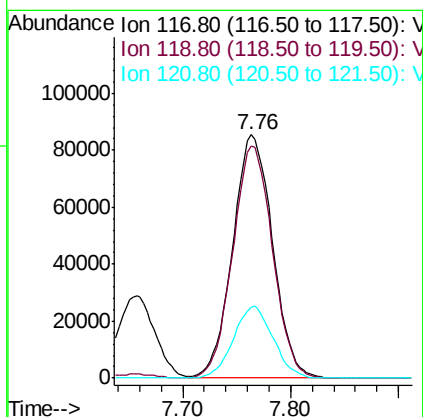
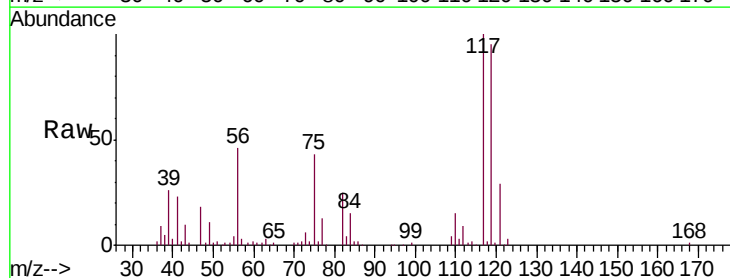
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

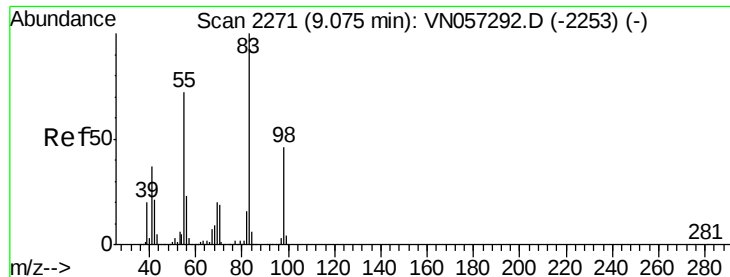
Tgt Ion: 43 Resp: 149780
Ion Ratio Lower Upper
43 100
61 16.3 12.0 18.0
70 11.7 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.718 ug/l
RT: 7.76 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion: 117 Resp: 219961
Ion Ratio Lower Upper
117 100
119 95.0 76.8 115.2
121 28.9 25.0 37.4

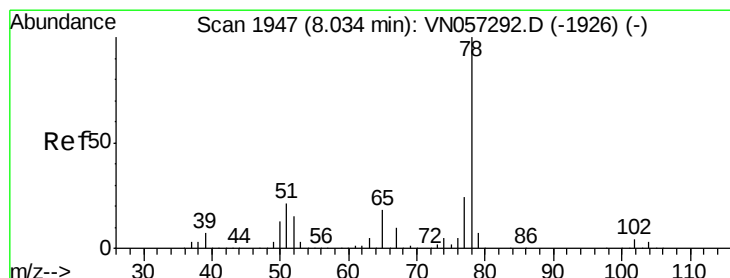
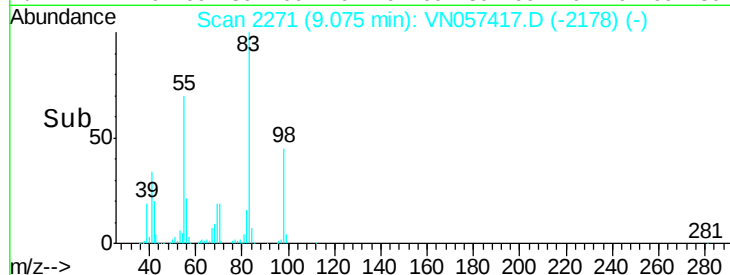
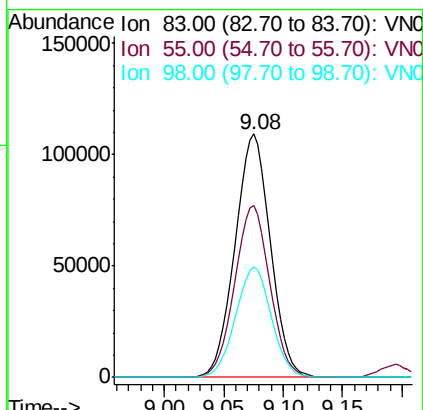
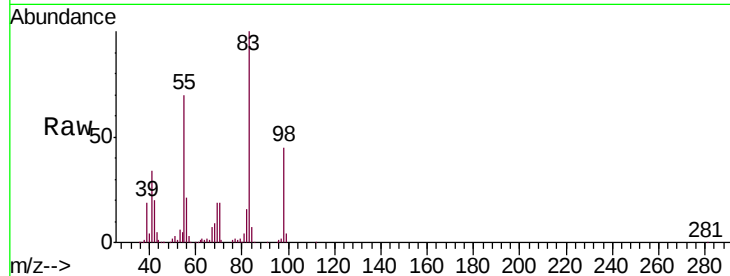




#39
Methylcyclohexane
Concen: 18.008 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

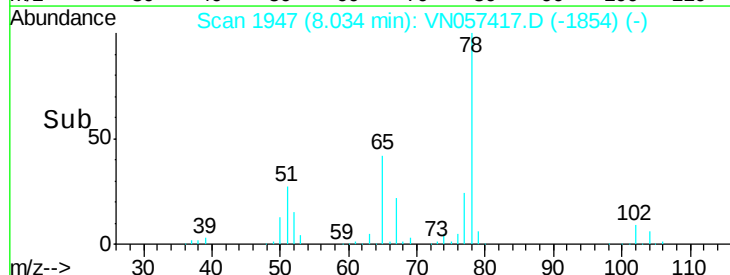
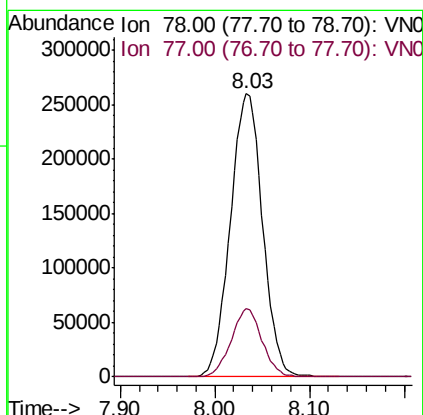
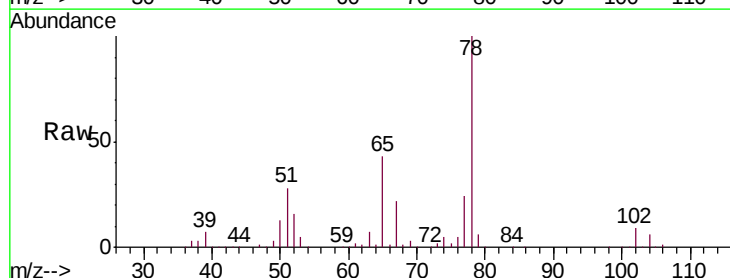
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

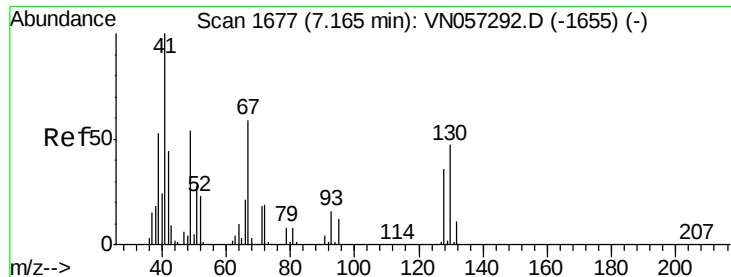
Tgt Ion: 83 Resp: 225762
Ion Ratio Lower Upper
83 100
55 70.5 57.5 86.3
98 45.2 36.6 55.0



#40
Benzene
Concen: 18.749 ug/l
RT: 8.03 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion: 78 Resp: 615716
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

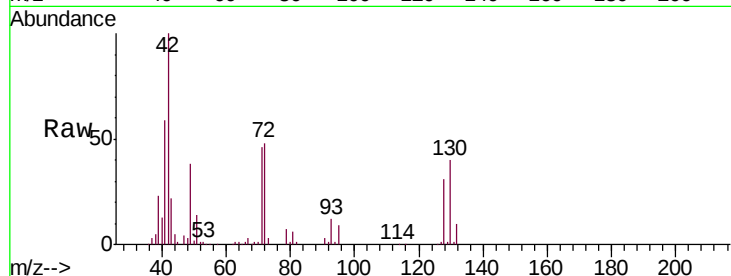




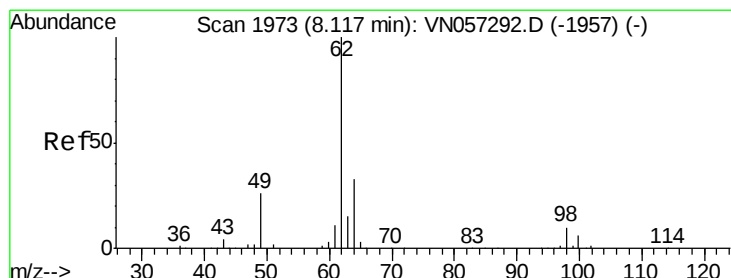
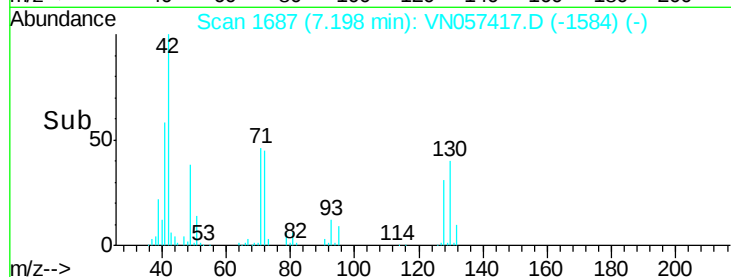
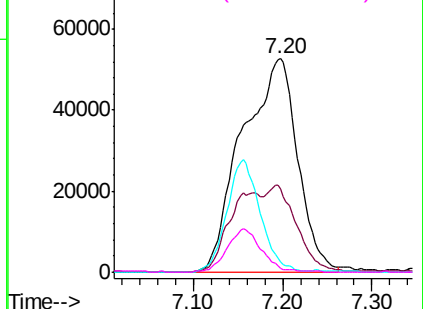
#41
Methacrylonitrile
Concen: 57.422 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

Tgt Ion:	41	Resp:	227398
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

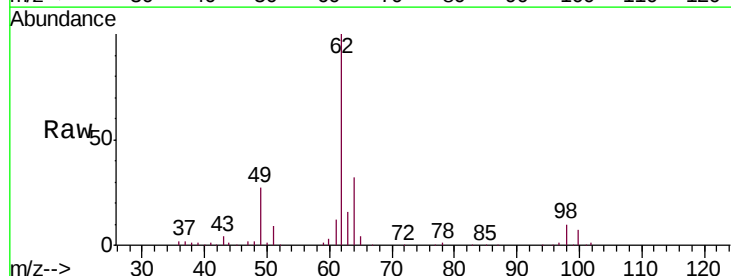


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

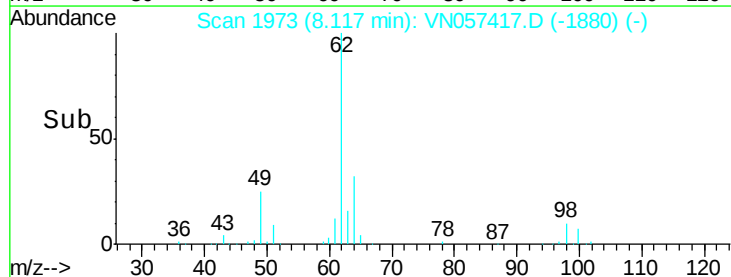
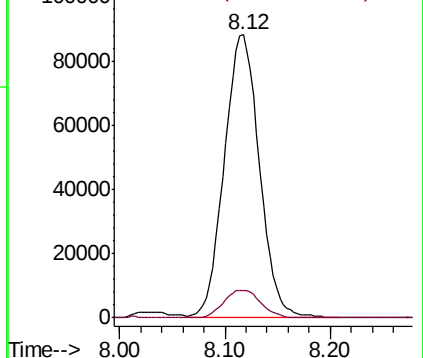


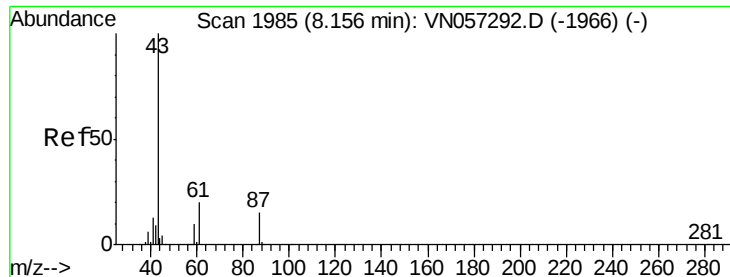
#42
1,2-Dichloroethane
Concen: 18.657 ug/l
RT: 8.12 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion:	62	Resp:	202779
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 19.202 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

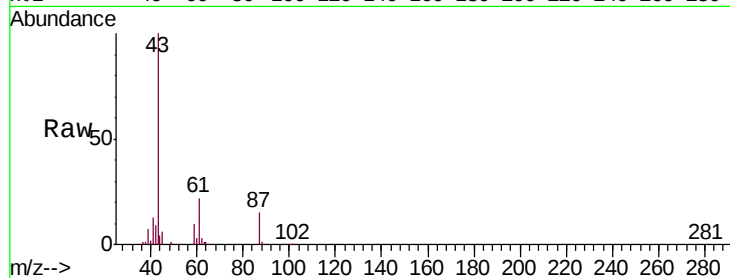
Tgt Ion: 43 Resp: 319976

Ion Ratio Lower Upper

43 100

61 24.5 21.6 32.4

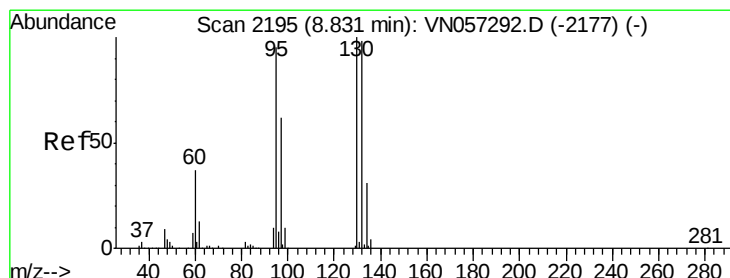
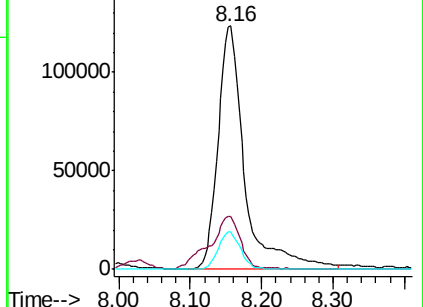
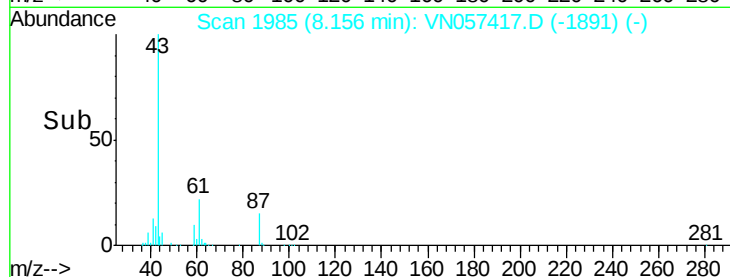
87 12.9 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN057417.D (-1891) (-)

Ion 61.00 (60.70 to 61.70): VN057417.D (-1891) (-)

Ion 87.00 (86.70 to 87.70): VN057417.D (-1891) (-)



#44

Trichloroethene

Concen: 19.750 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VN057417.D

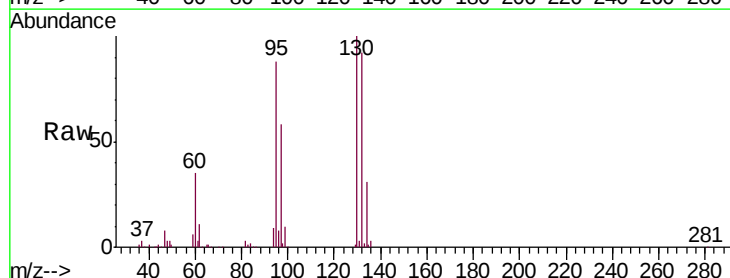
Acq: 19 Aug 2019 23:12

Tgt Ion: 130 Resp: 182339

Ion Ratio Lower Upper

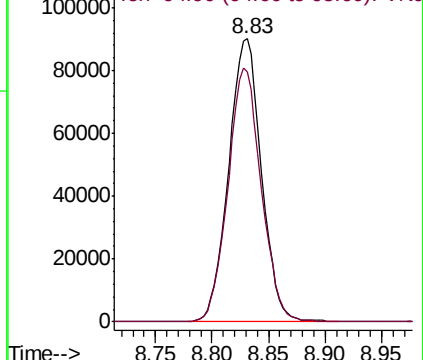
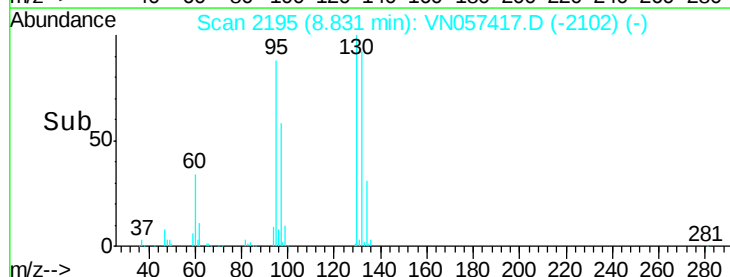
130 100

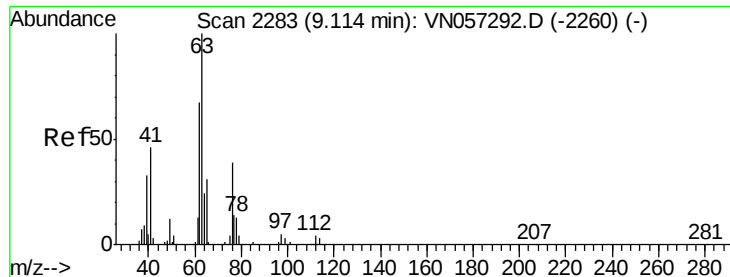
95 88.4 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VN057417.D (-2102) (-)

Ion 94.90 (94.60 to 95.60): VN057417.D (-2102) (-)





#45

1,2-Dichloropropane

Concen: 18.661 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. -0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

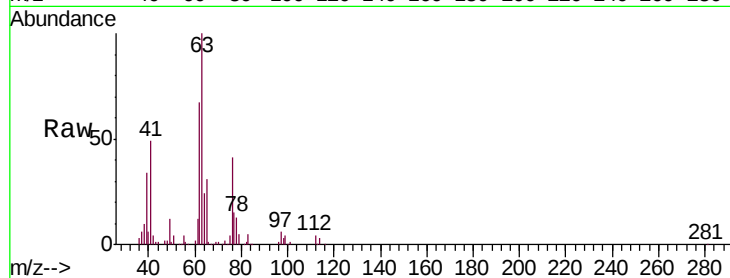
VN0819WBSD02

Tgt Ion: 63 Resp: 157955

Ion Ratio Lower Upper

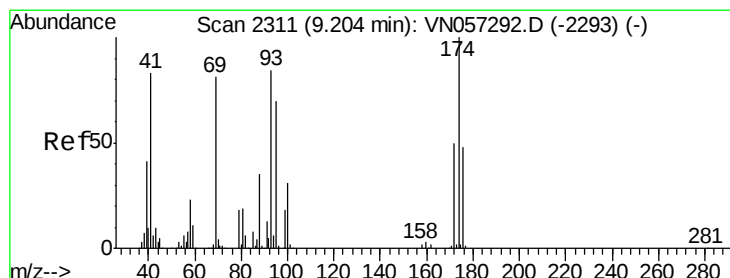
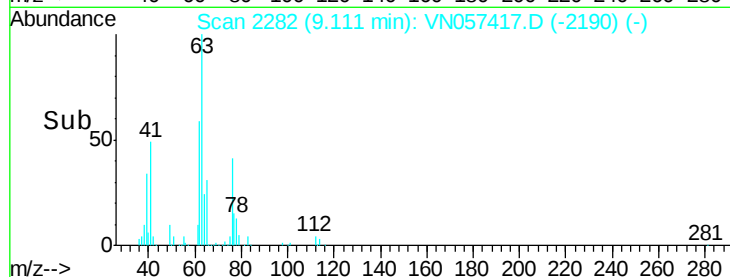
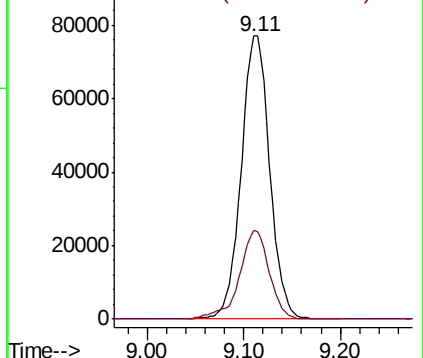
63 100

65 31.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.138 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

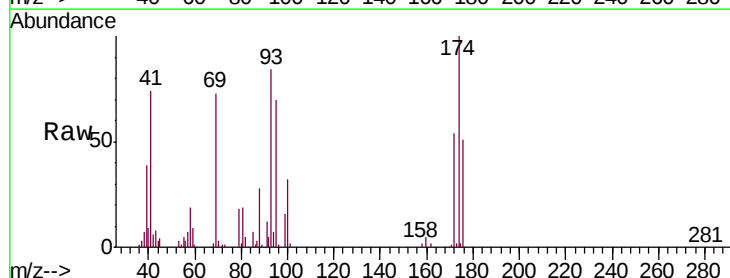
Tgt Ion: 93 Resp: 108073

Ion Ratio Lower Upper

93 100

95 83.5 66.5 99.7

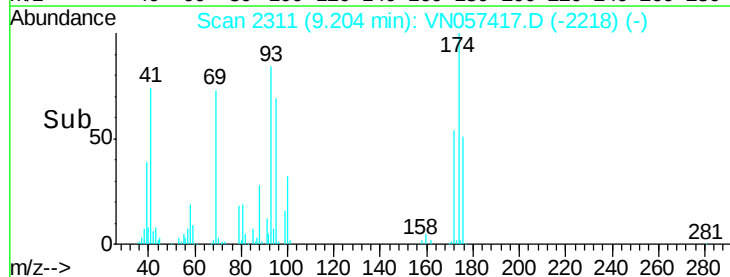
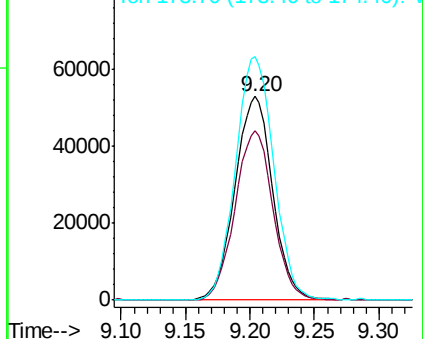
174 121.5 95.7 143.5

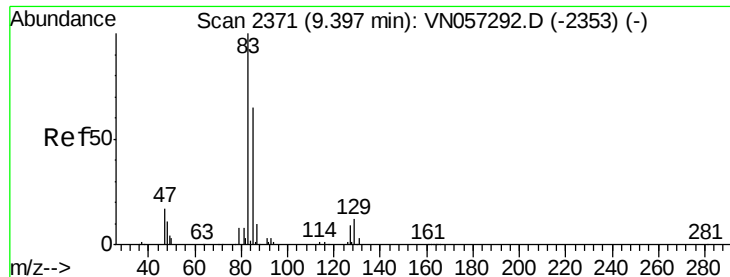


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.252 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

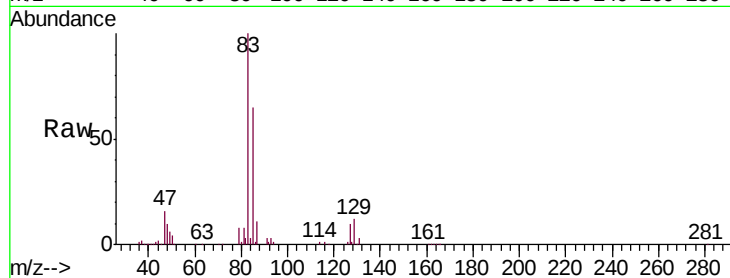
Tgt Ion: 83 Resp: 215397

Ion Ratio Lower Upper

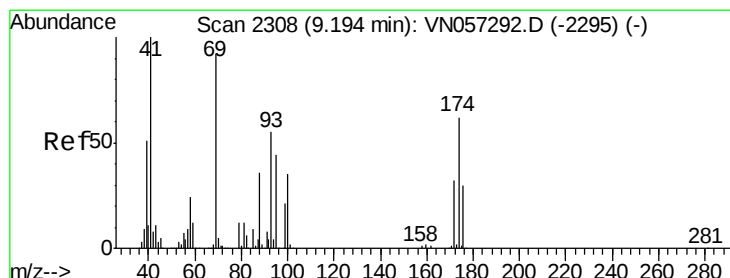
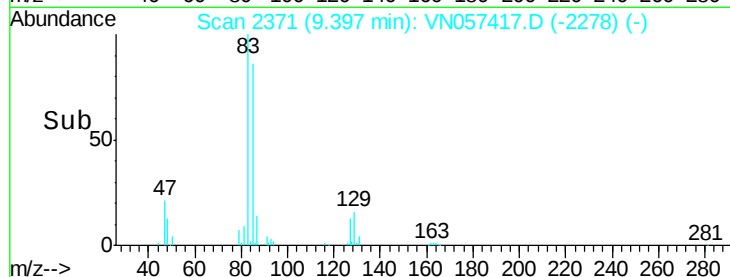
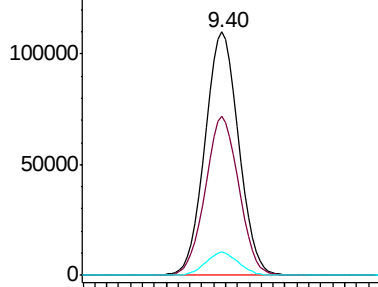
83 100

85 65.4 51.9 77.9

127 9.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
150000 Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 17.750 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

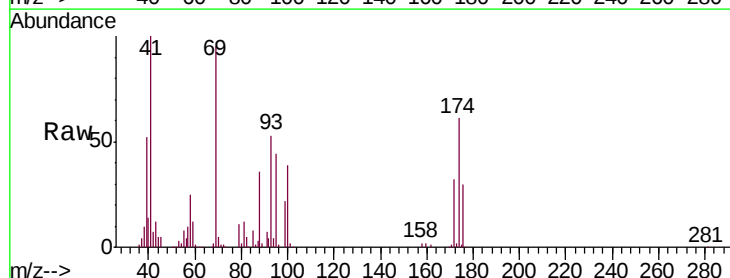
Tgt Ion: 41 Resp: 128533

Ion Ratio Lower Upper

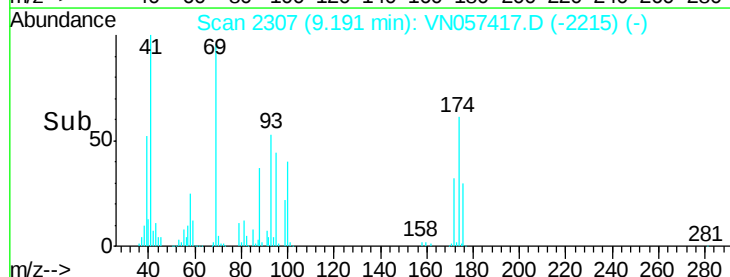
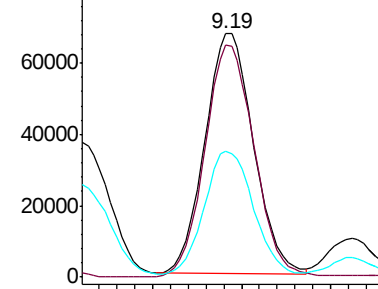
41 100

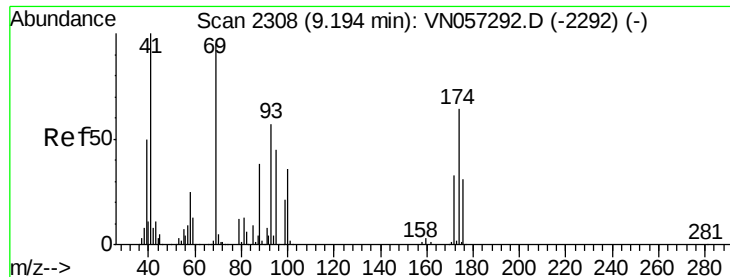
69 98.3 75.9 113.9

39 53.4 42.3 63.5



Abundance Ion 41.00 (40.70 to 41.70): VNO
80000 Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

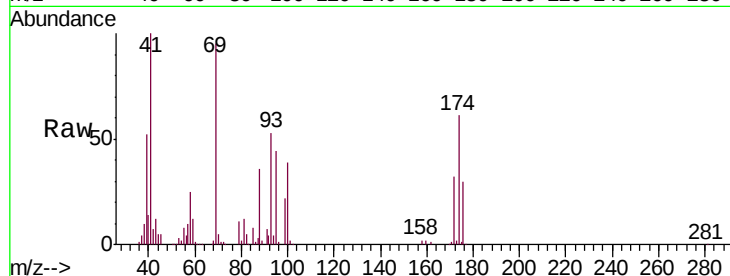




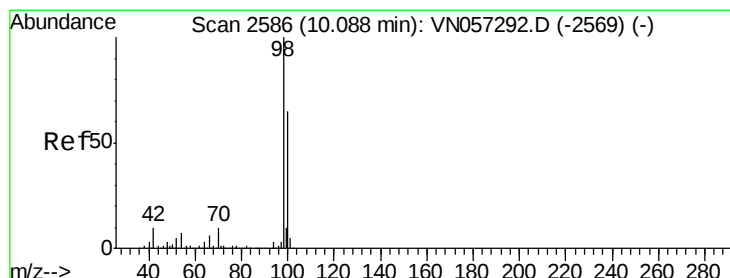
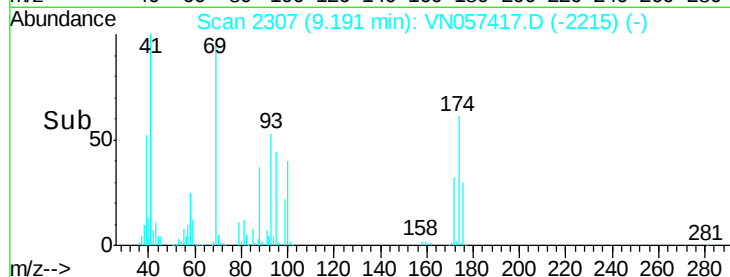
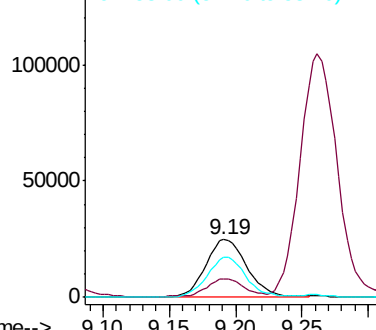
#49
1,4-Dioxane
Concen: 354.994 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

Tgt Ion: 88 Resp: 54060
Ion Ratio Lower Upper
88 100
43 29.6 22.9 34.3
58 65.1 52.7 79.1

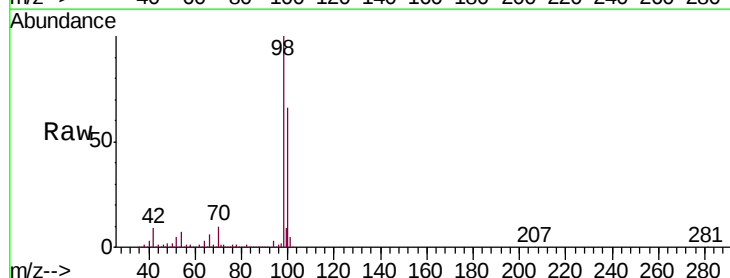


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

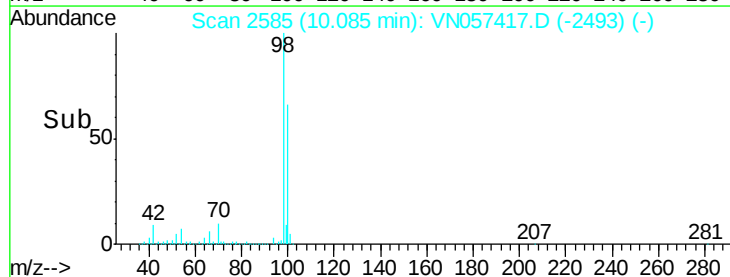
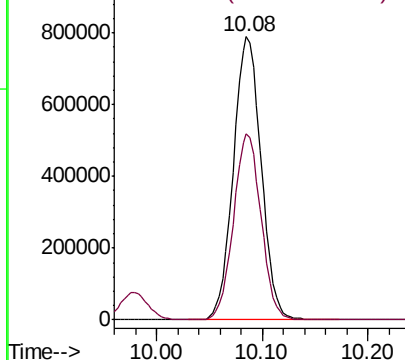


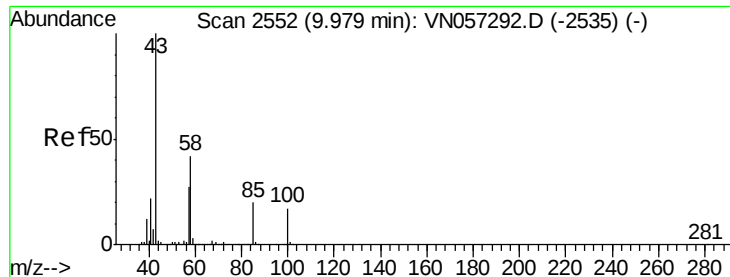
#50
Toluene-d8
Concen: 49.409 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion: 98 Resp: 1440531
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



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

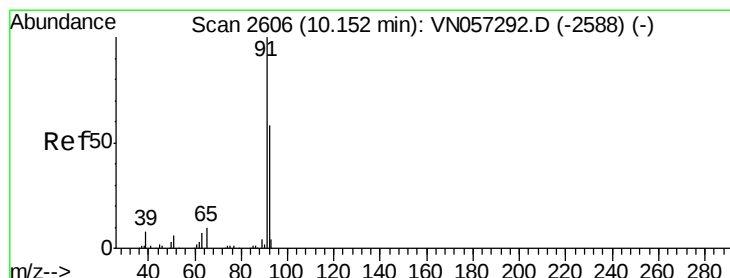
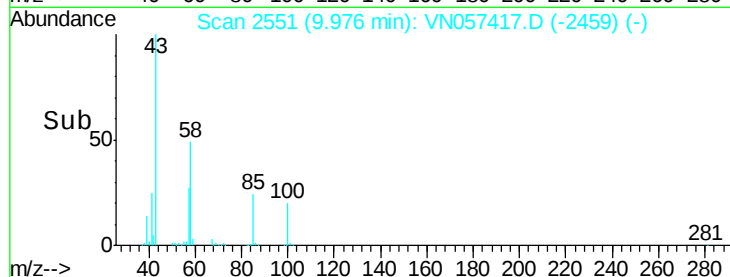
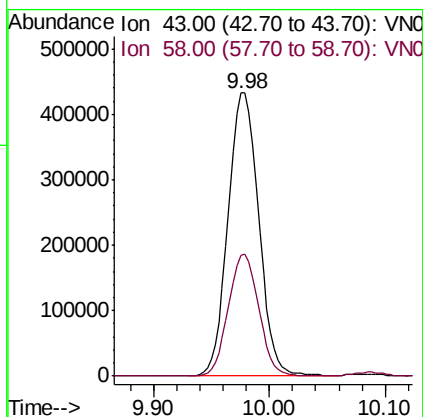
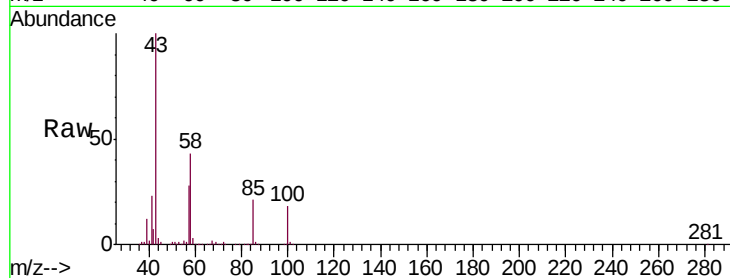




#51
 4-Methyl-2-Pentanone
 Concen: 87.212 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

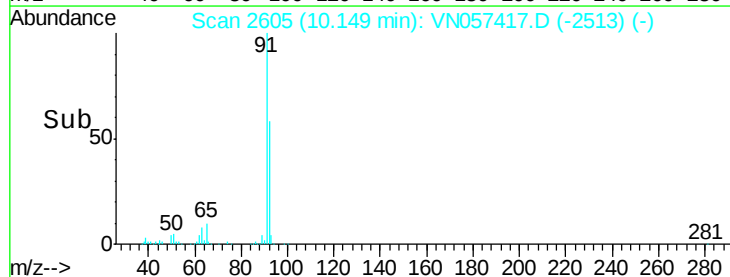
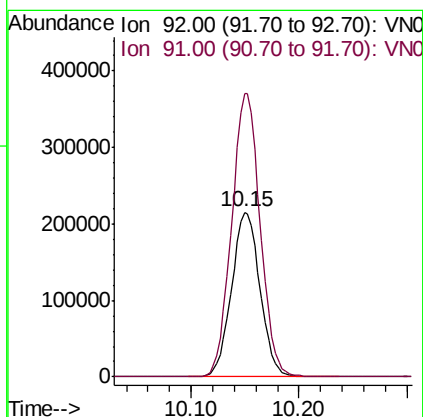
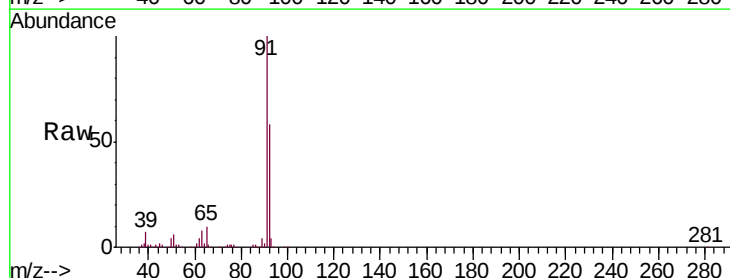
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD02

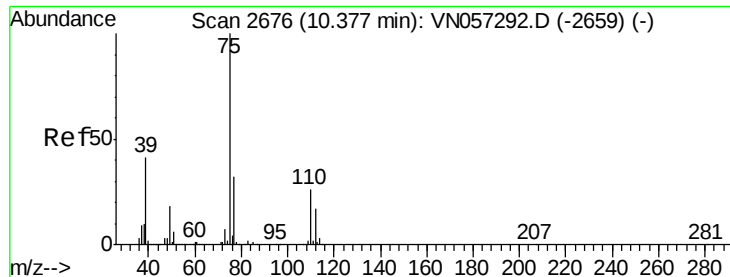
Tgt Ion: 43 Resp: 791189
 Ion Ratio Lower Upper
 43 100
 58 42.9 33.2 49.8



#52
 Toluene
 Concen: 19.318 ug/l
 RT: 10.15 min Scan# 2605
 Delta R.T. -0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

Tgt Ion: 92 Resp: 394863
 Ion Ratio Lower Upper
 92 100
 91 173.0 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 17.975 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

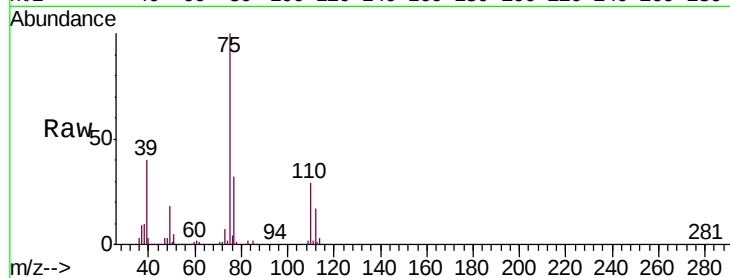
VN0819WBSD02

Tgt Ion: 75 Resp: 217534

Ion Ratio Lower Upper

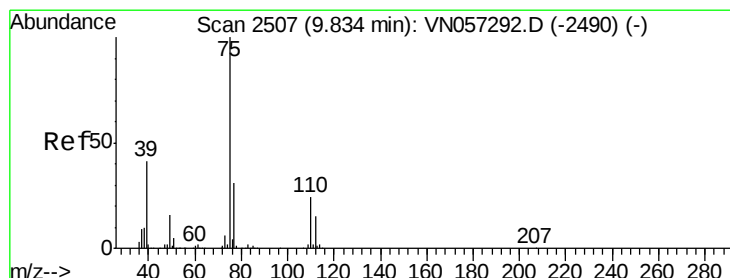
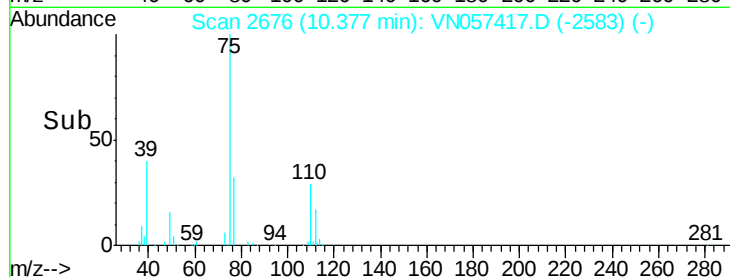
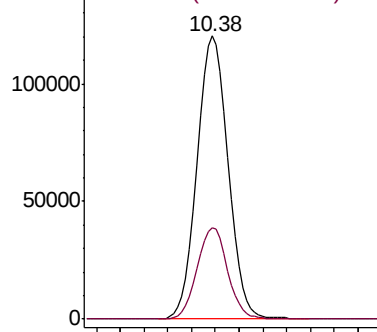
75 100

77 32.5 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.633 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

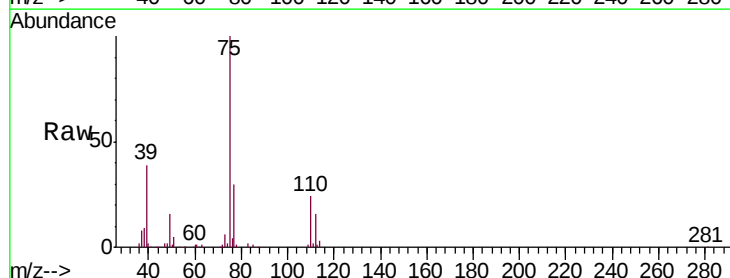
Tgt Ion: 75 Resp: 248661

Ion Ratio Lower Upper

75 100

77 30.1 24.9 37.3

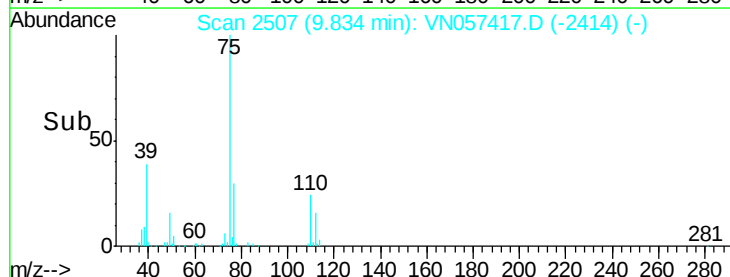
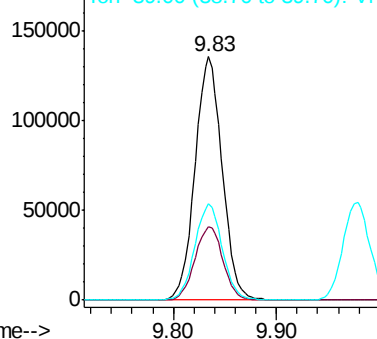
39 39.5 32.7 49.1

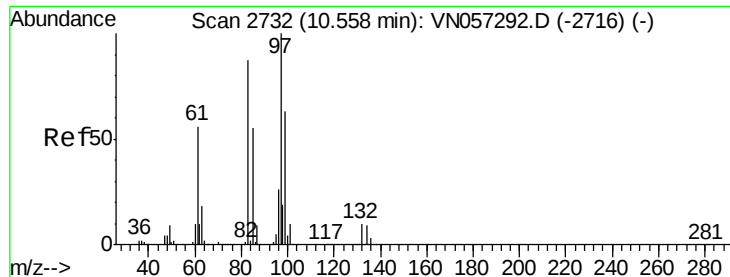


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.523 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

Tgt Ion: 97 Resp: 156911

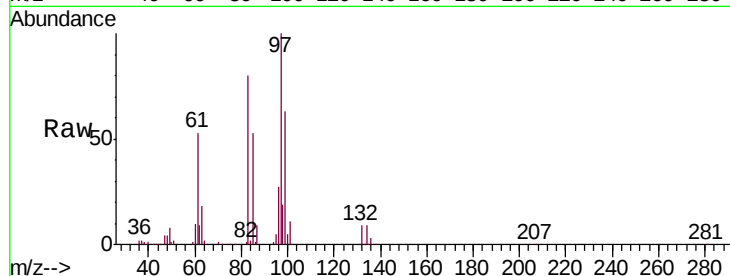
Ion Ratio Lower Upper

97 100

83 79.8 69.8 104.8

85 52.9 44.1 66.1

99 62.9 50.2 75.2

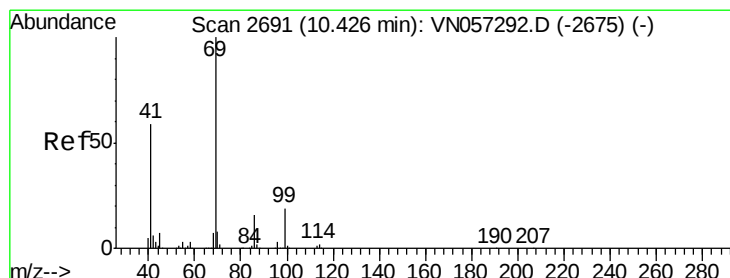
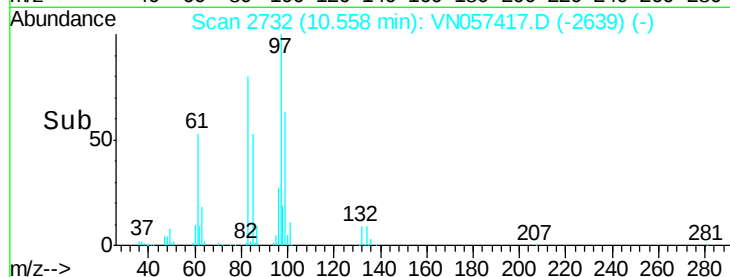
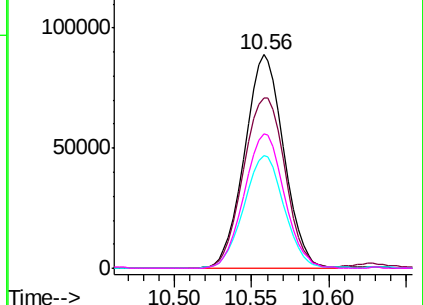


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.797 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

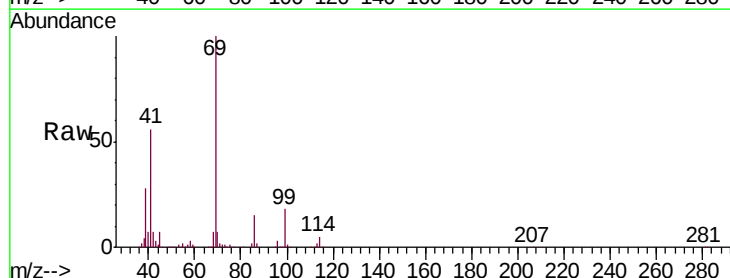
Tgt Ion: 69 Resp: 220472

Ion Ratio Lower Upper

69 100

41 57.9 48.2 72.2

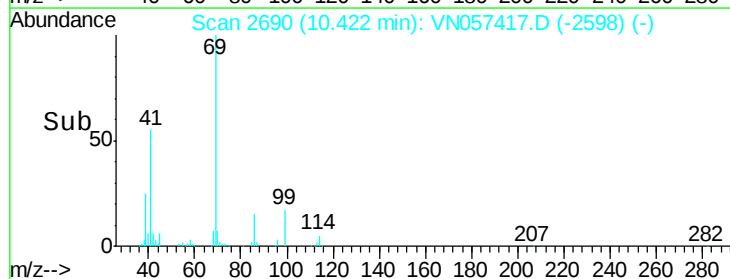
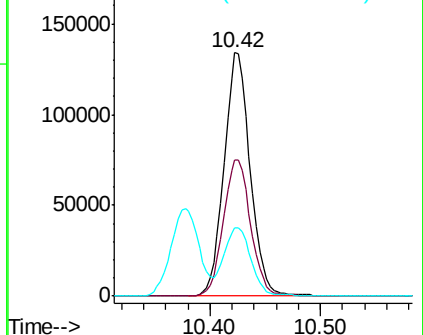
39 29.0 23.4 35.0

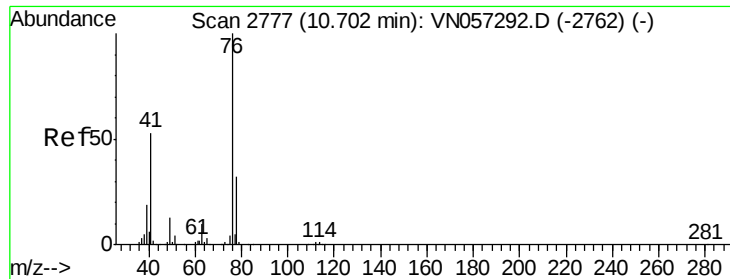


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.590 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

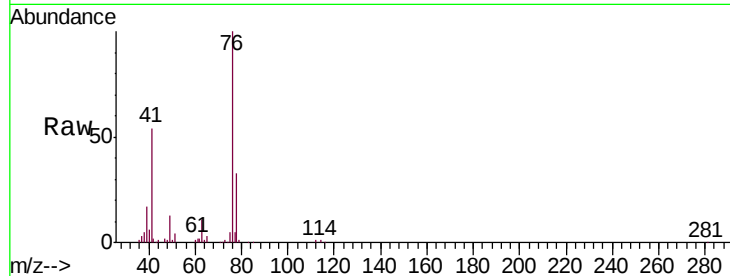
VN0819WBSD02

Tgt Ion: 76 Resp: 249608

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

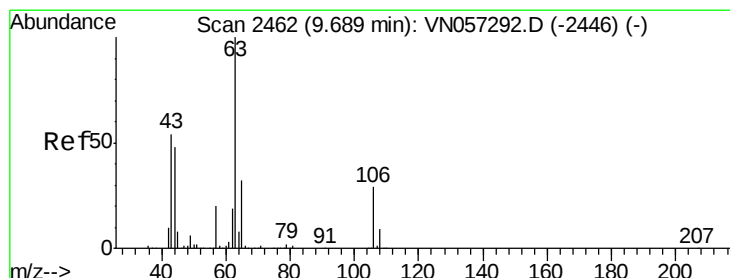
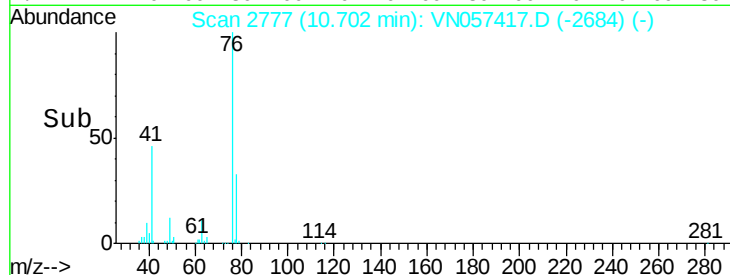
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 74.230 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057417.D

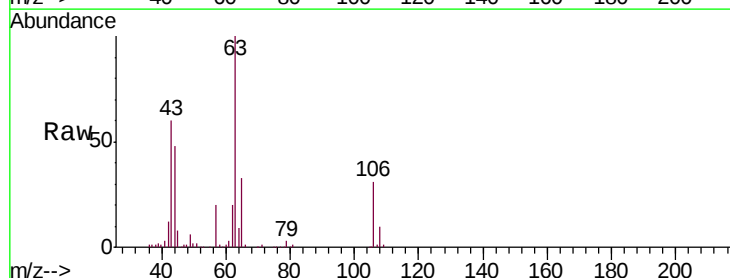
Acq: 19 Aug 2019 23:12

Tgt Ion: 63 Resp: 214688

Ion Ratio Lower Upper

63 100

106 30.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

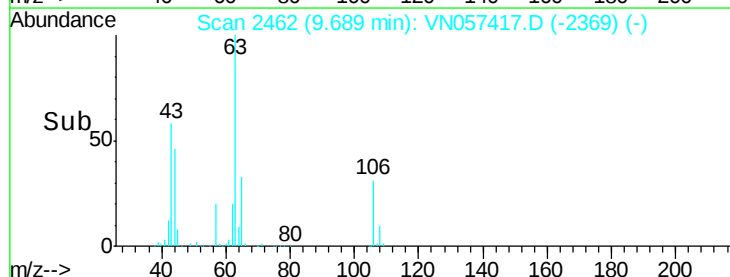
9.69

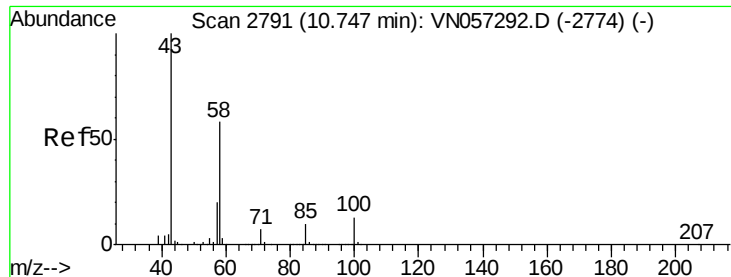
100000

50000

0

Time-->

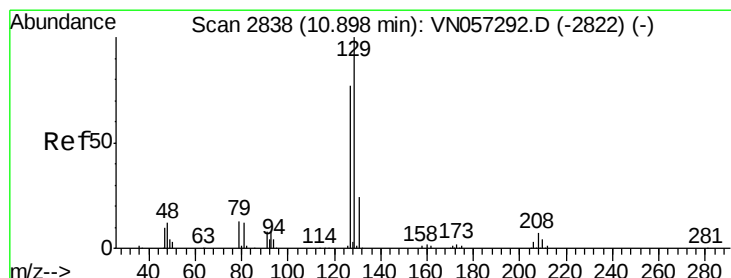
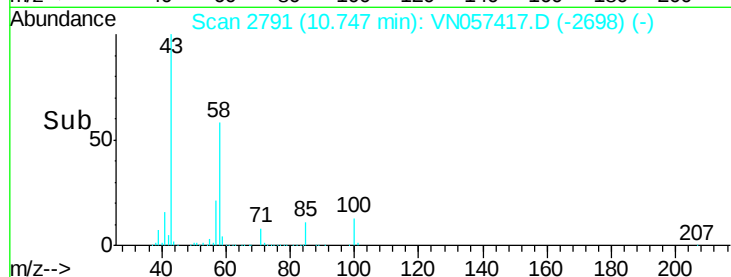
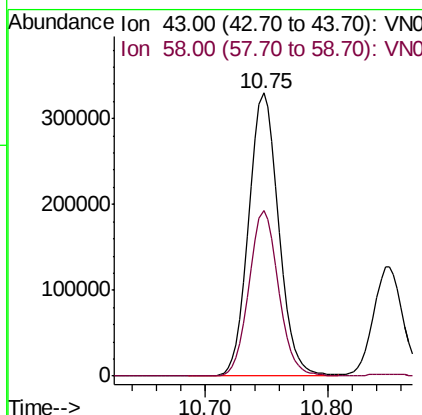
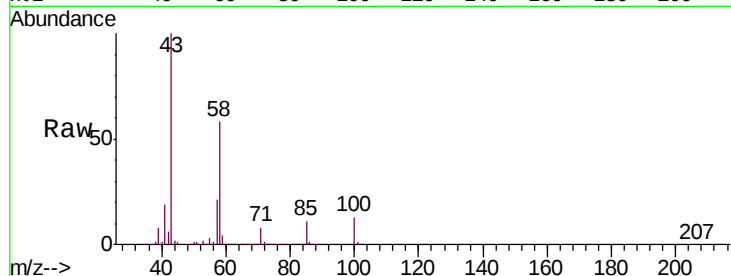




#59
2-Hexanone
Concen: 85.288 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

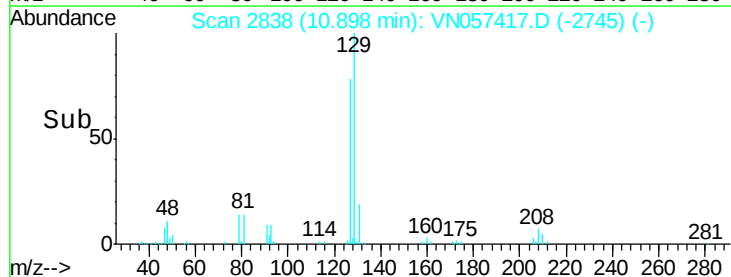
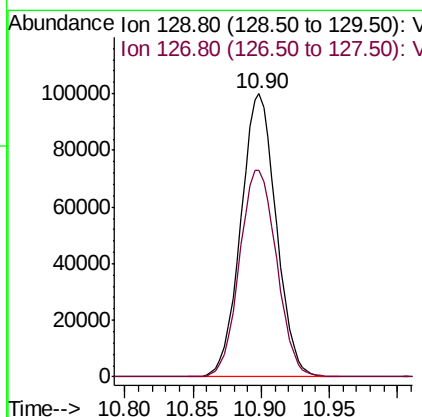
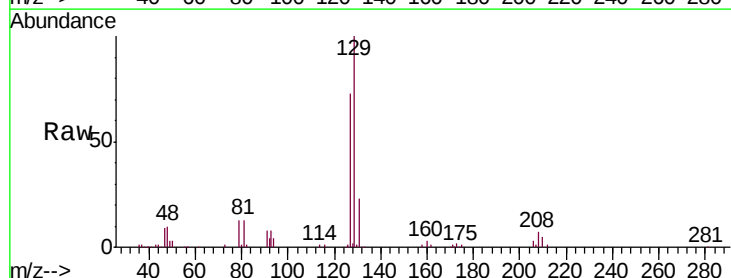
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

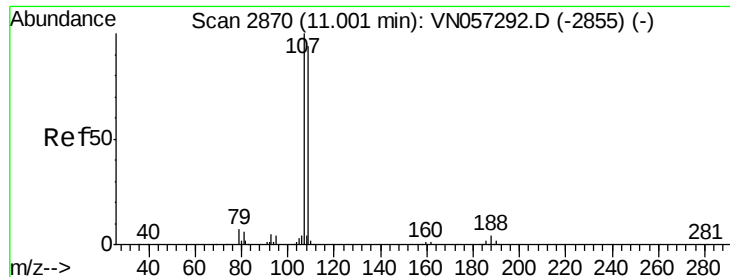
Tgt Ion: 43 Resp: 556261
Ion Ratio Lower Upper
43 100
58 57.7 28.6 85.9



#60
Dibromochloromethane
Concen: 19.961 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion: 129 Resp: 179787
Ion Ratio Lower Upper
129 100
127 76.5 39.0 116.9

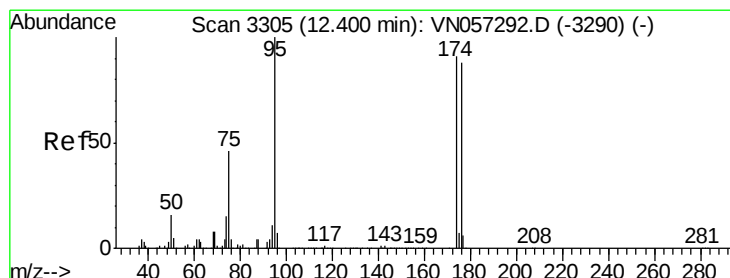
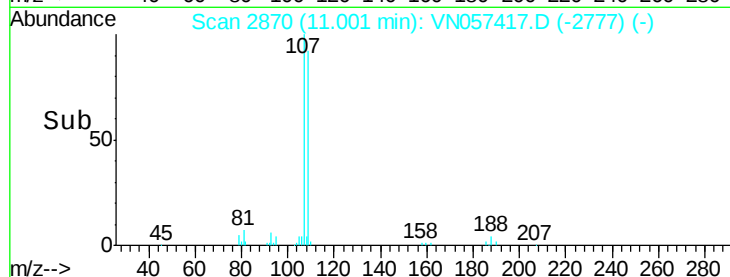
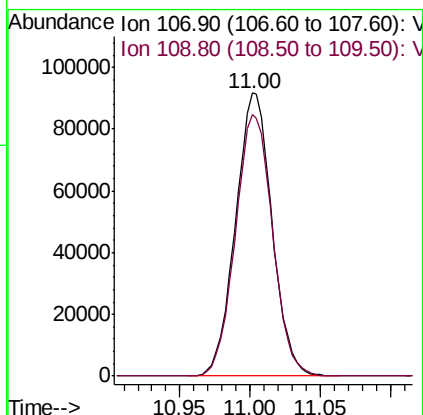
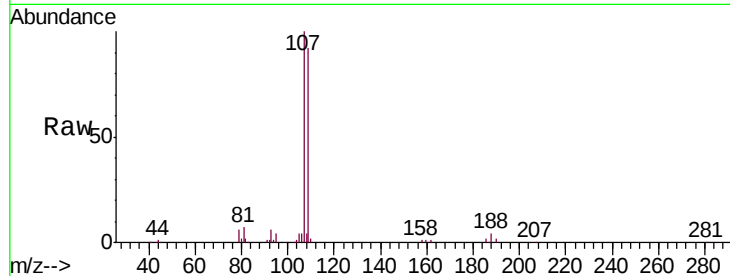




#61
 1,2-Dibromoethane
 Concen: 19.363 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

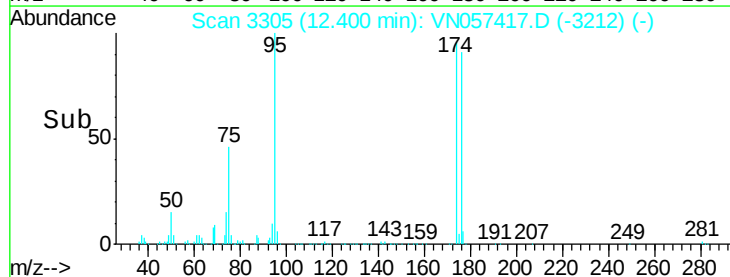
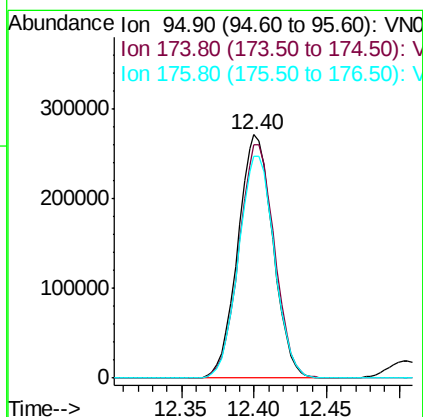
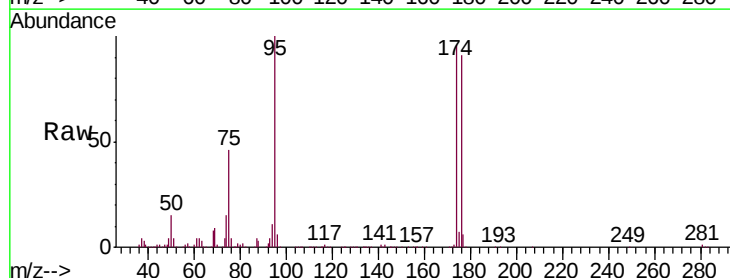
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD02

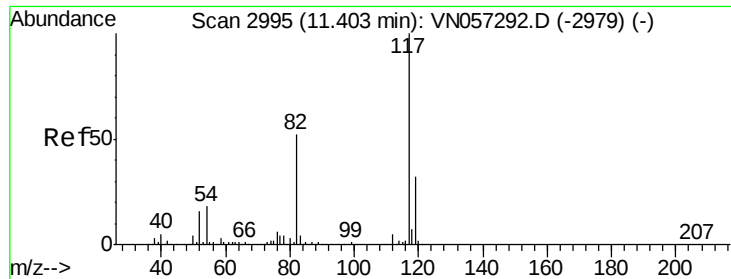
Tgt Ion: 107 Resp: 165781
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 44.230 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

Tgt Ion: 95 Resp: 455712
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 185.0
 176 93.3 0.0 181.0

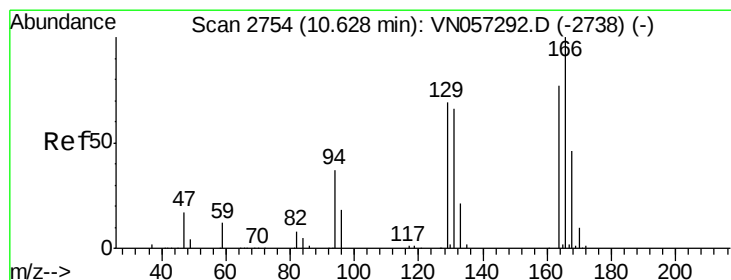
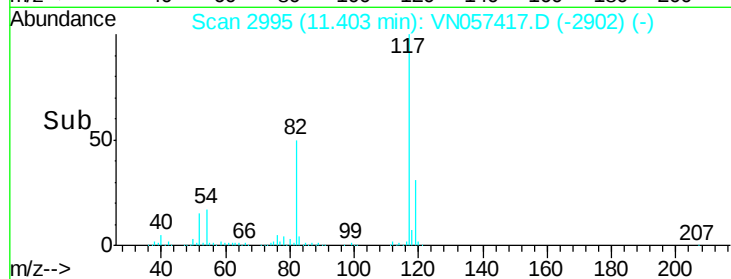
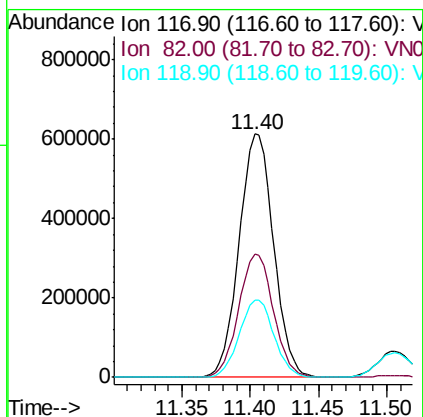
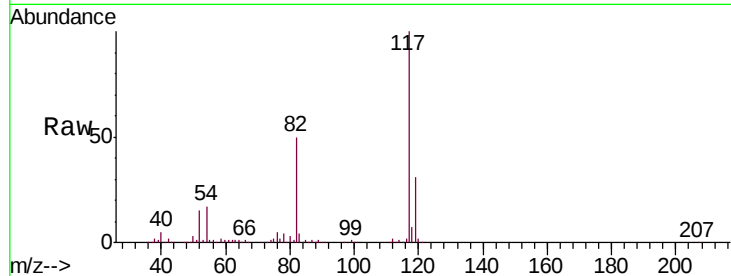




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

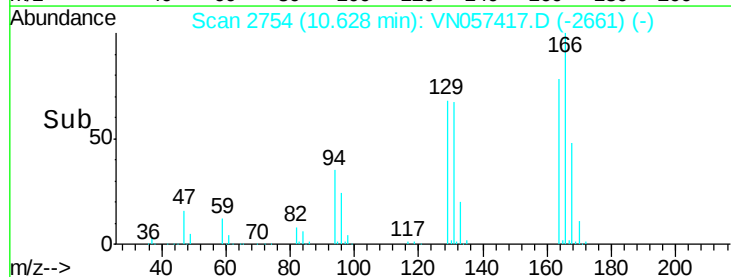
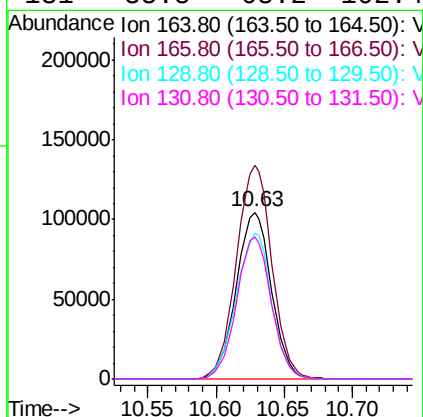
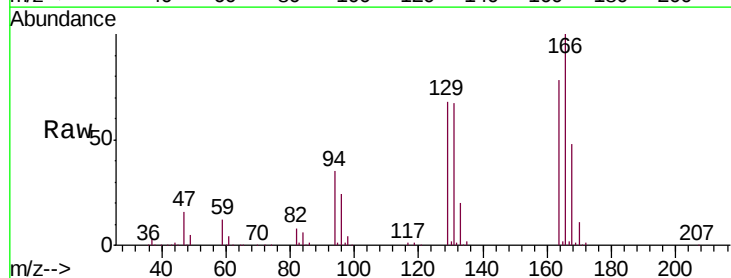
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

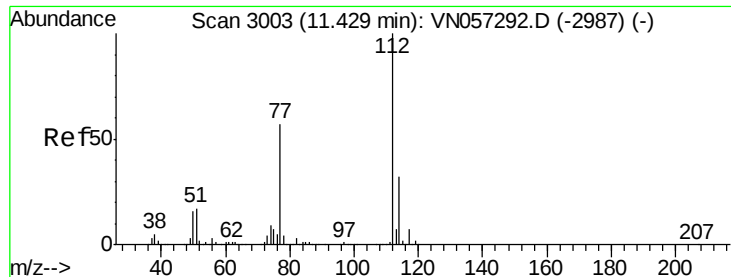
Tgt Ion:117 Resp: 1075385
Ion Ratio Lower Upper
117 100
82 50.4 41.2 61.8
119 31.5 25.8 38.8



#64
Tetrachloroethene
Concen: 20.085 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion:164 Resp: 186715
Ion Ratio Lower Upper
164 100
166 128.0 103.5 155.3
129 87.3 71.2 106.8
131 85.5 68.2 102.4

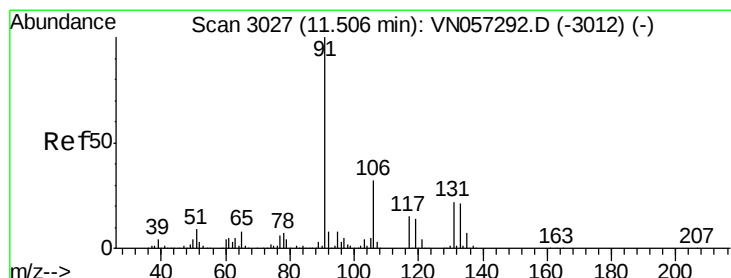
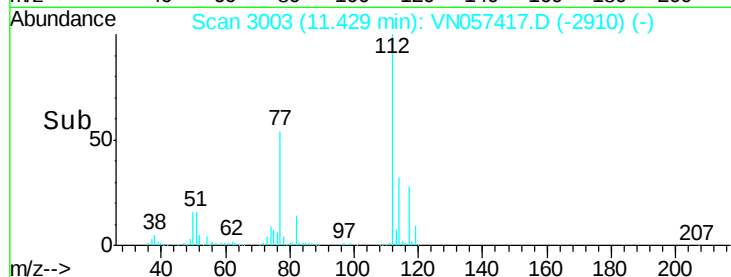
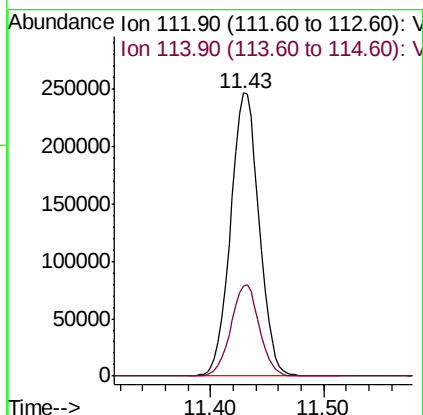
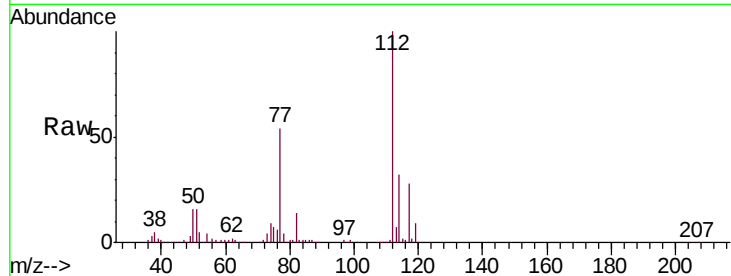




#65
Chlorobenzene
Concen: 19.707 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

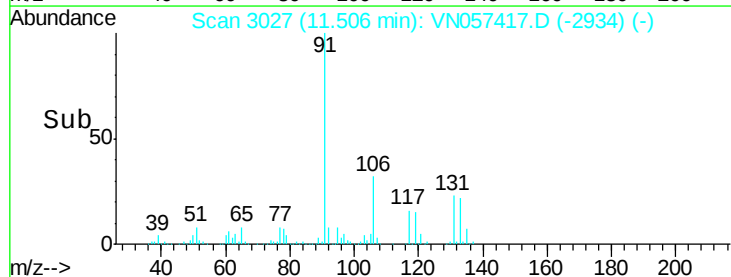
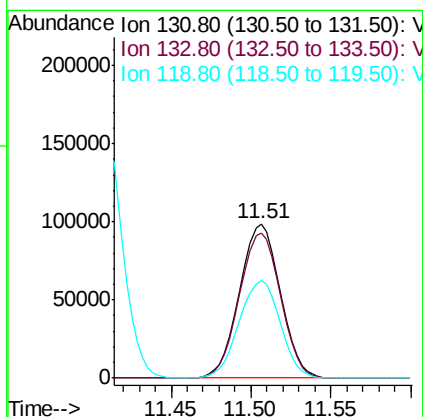
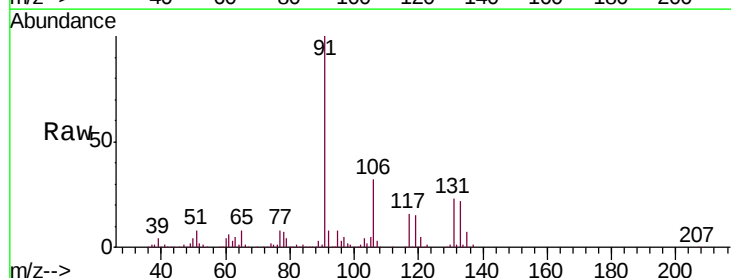
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

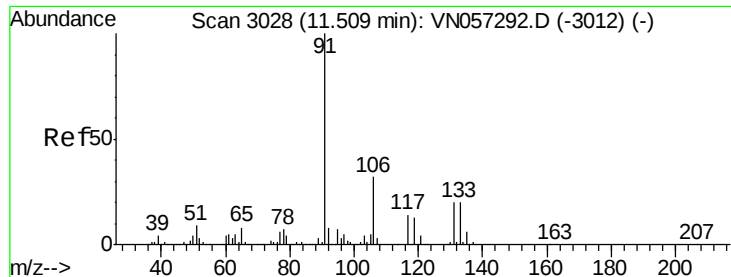
Tgt Ion:112 Resp: 432232
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.426 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion:131 Resp: 171572
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.8
119 63.9 32.0 96.2

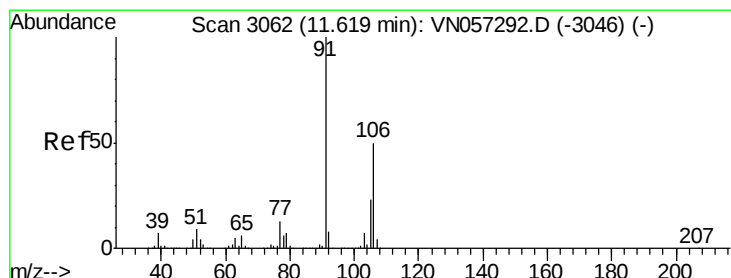
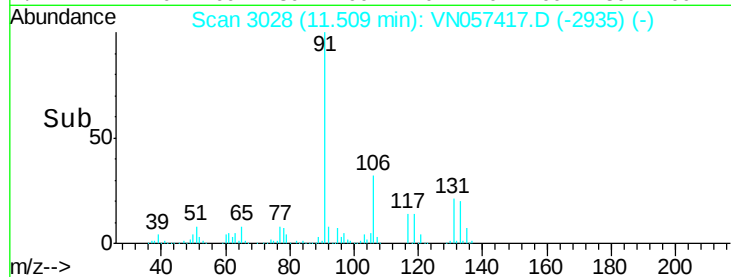
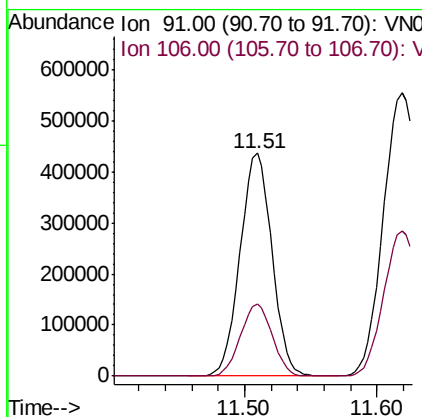
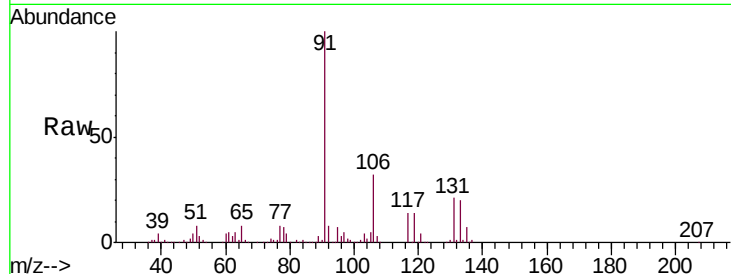




#67
Ethyl Benzene
Concen: 18.963 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

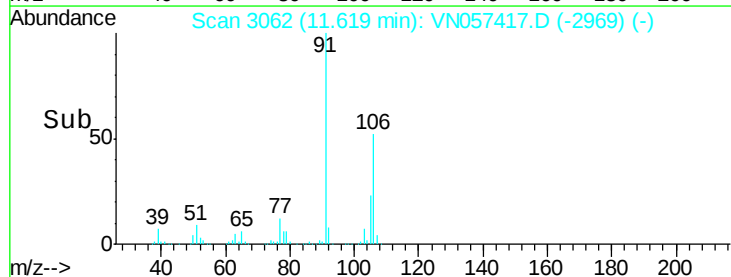
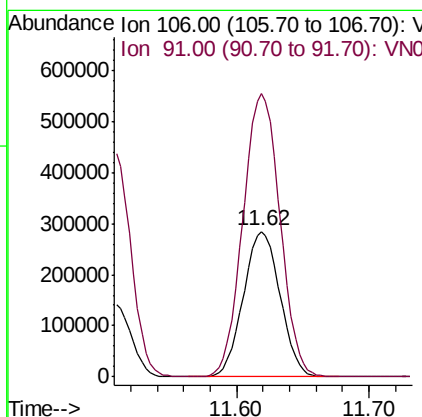
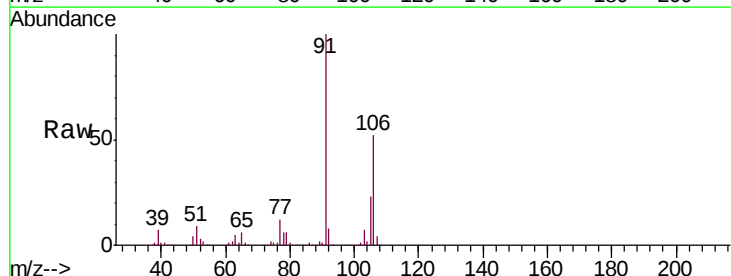
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

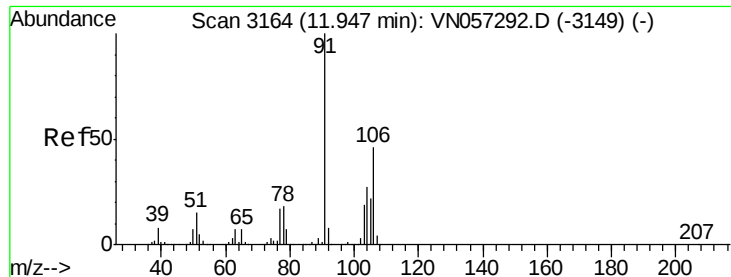
Tgt Ion: 91 Resp: 727644
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 38.702 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion: 106 Resp: 547165
Ion Ratio Lower Upper
106 100
91 196.6 161.5 242.3

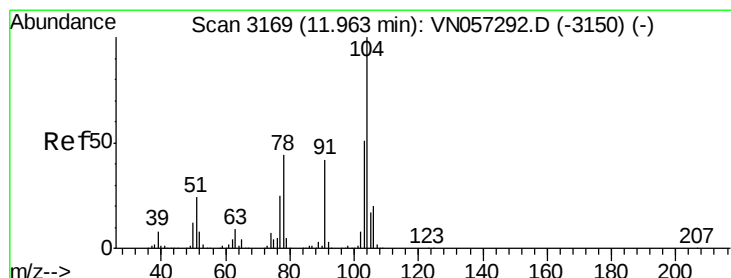
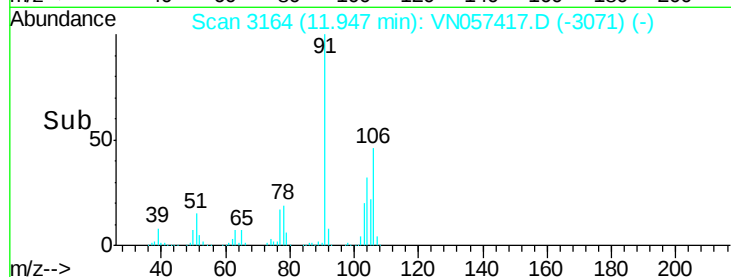
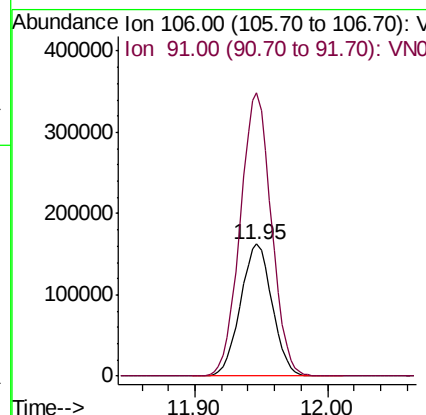
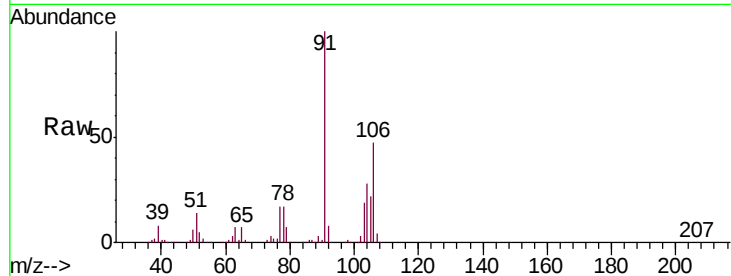




#69
o-Xylene
Concen: 19.410 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

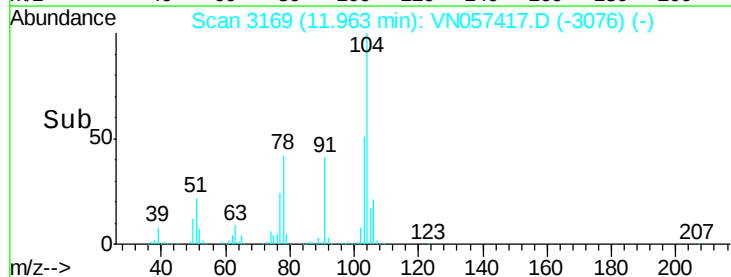
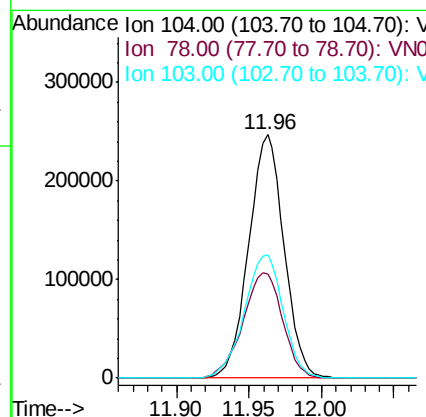
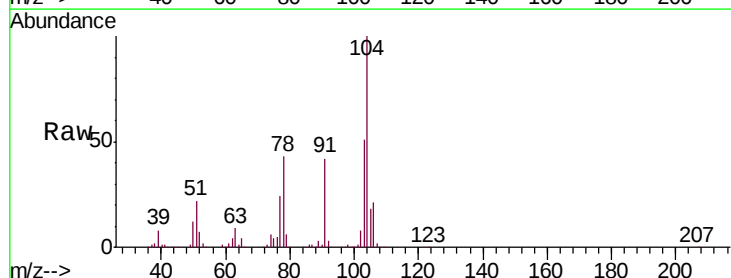
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBSD02

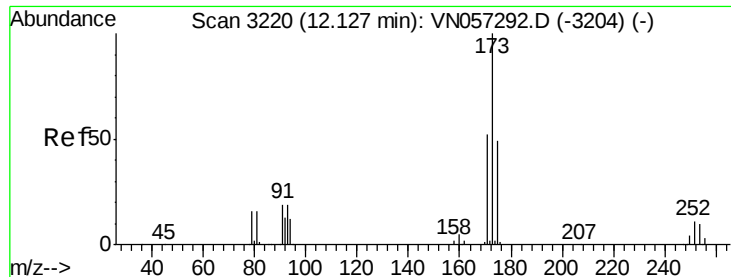
Tgt Ion:106 Resp: 269440
Ion Ratio Lower Upper
106 100
91 211.6 106.3 319.0



#70
Styrene
Concen: 18.942 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057417.D
Acq: 19 Aug 2019 23:12

Tgt Ion:104 Resp: 419154
Ion Ratio Lower Upper
104 100
78 48.6 39.2 58.8
103 55.7 44.6 66.8





#71

Bromoform

Concen: 19.954 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

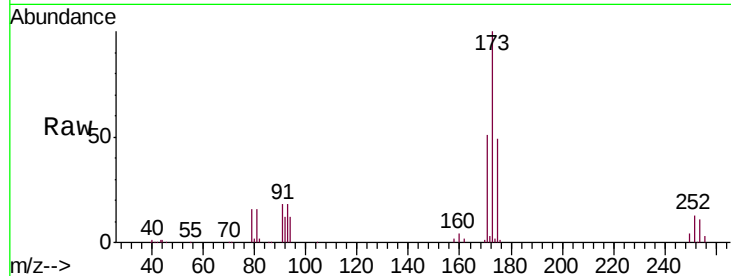
Tgt Ion:173 Resp: 132229

Ion Ratio Lower Upper

173 100

175 49.7 24.2 72.6

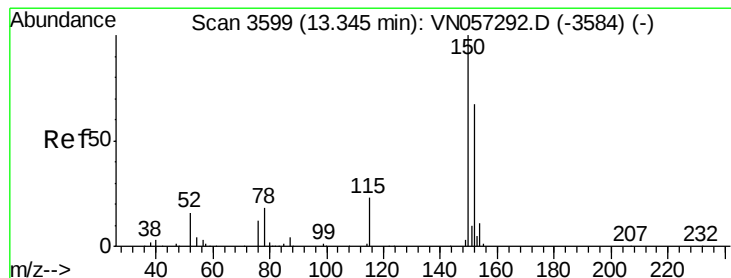
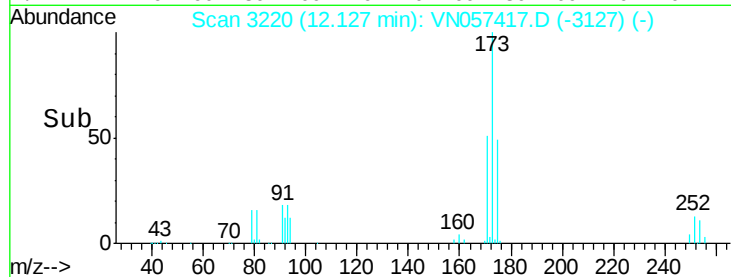
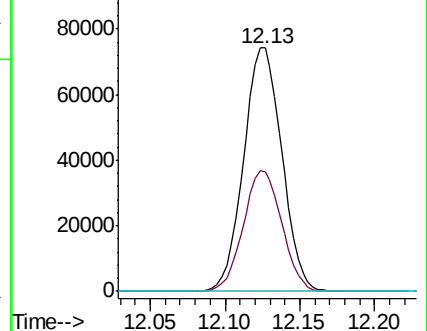
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

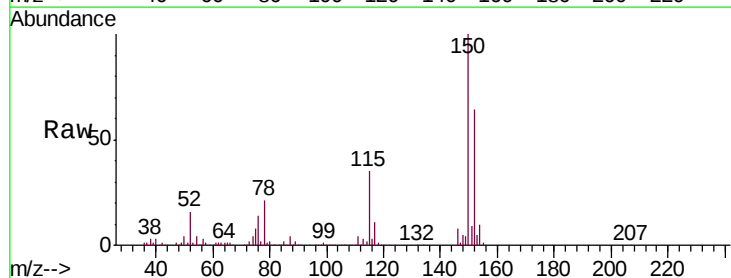
Tgt Ion:152 Resp: 379216

Ion Ratio Lower Upper

152 100

115 55.7 27.3 81.9

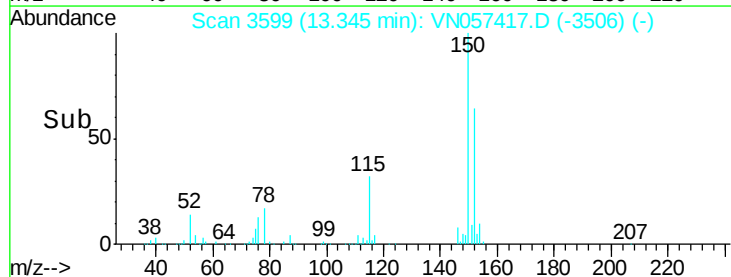
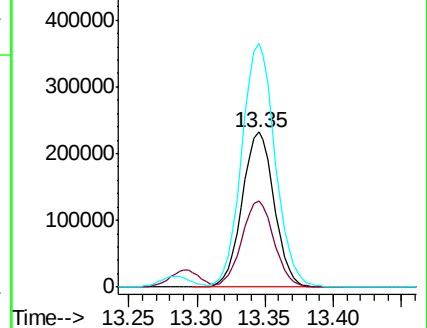
150 163.7 0.0 344.4

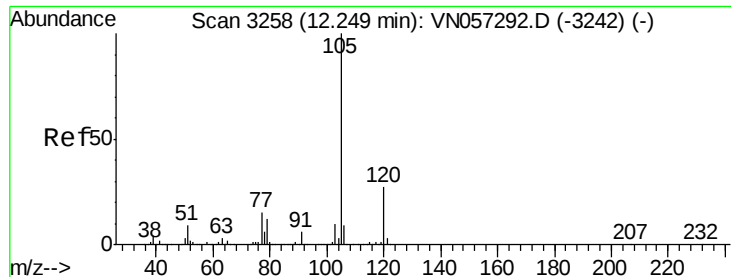


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.895 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

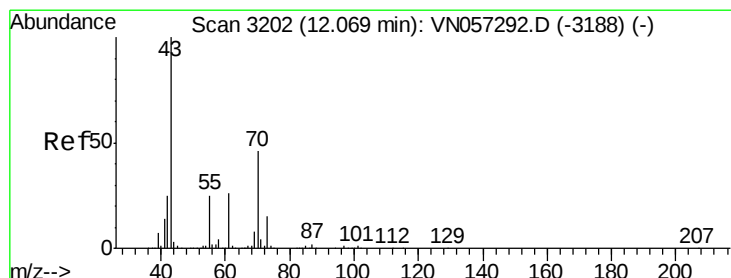
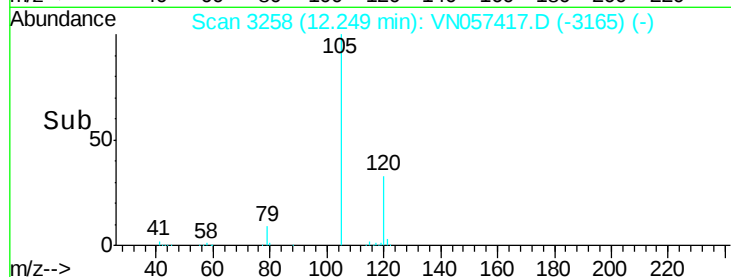
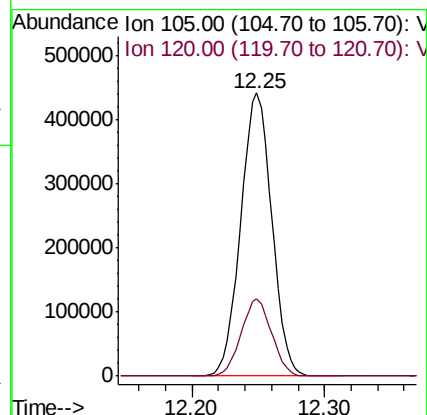
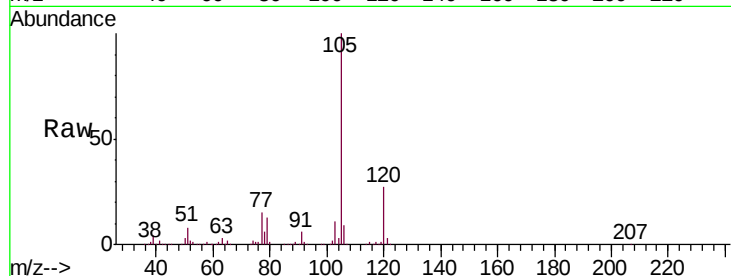
VN0819WBSD02

Tgt Ion: 105 Resp: 717695

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.6



#74

N-ethyl acetate

Concen: 16.977 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Tgt Ion: 43 Resp: 186814

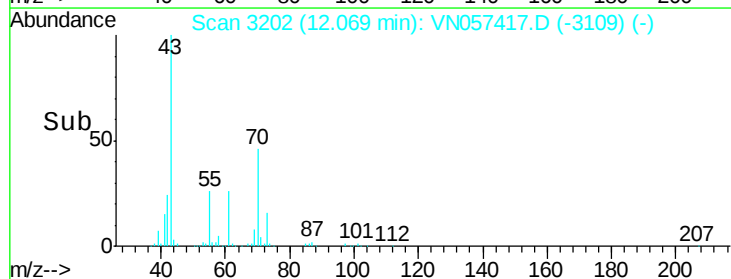
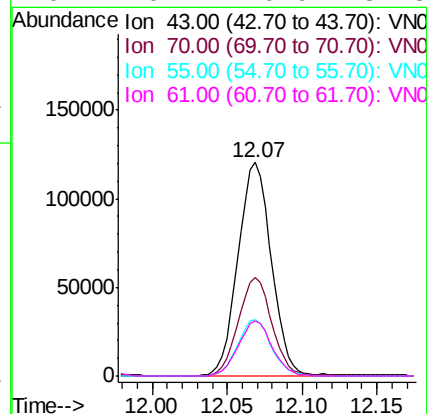
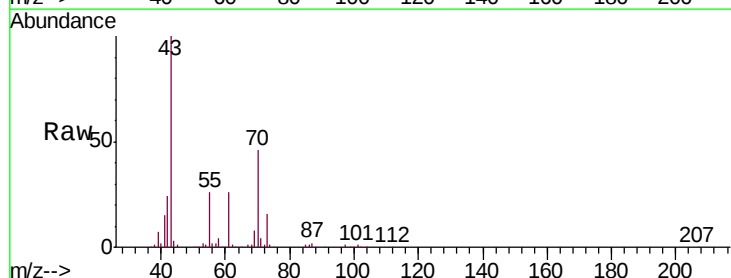
Ion Ratio Lower Upper

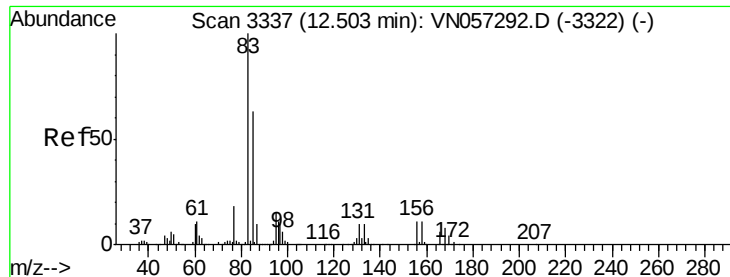
43 100

70 46.9 36.2 54.2

55 26.7 20.1 30.1

61 26.2 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.516 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

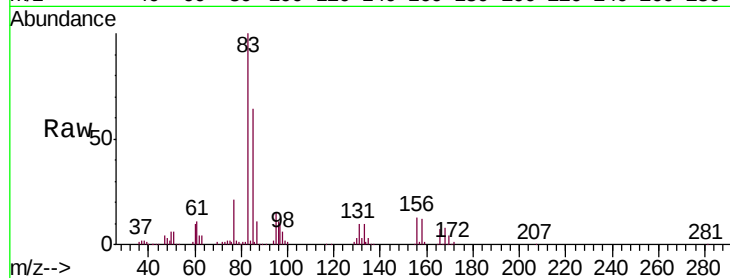
Tgt Ion: 83 Resp: 202850

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

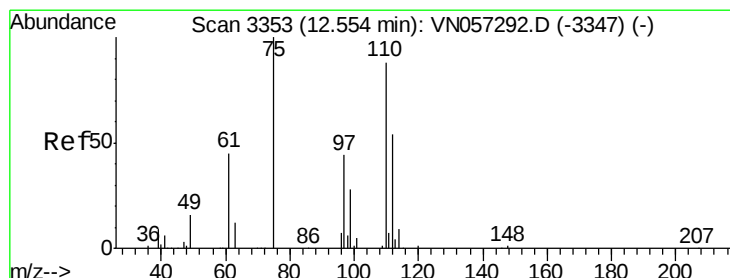
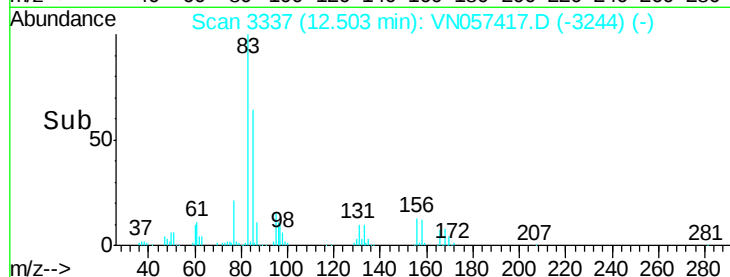
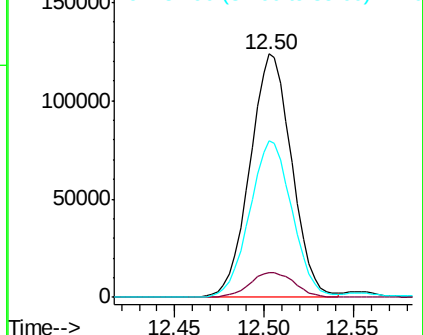
85 65.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 31.550 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057417.D

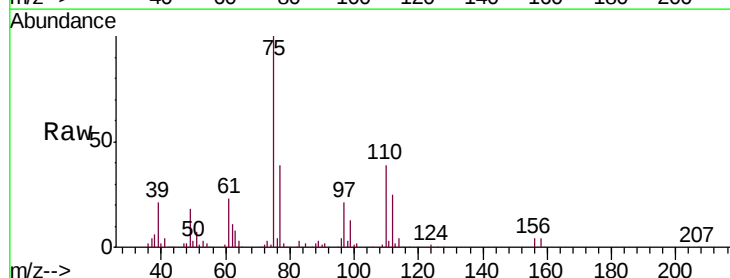
Acq: 19 Aug 2019 23:12

Tgt Ion: 75 Resp: 240716

Ion Ratio Lower Upper

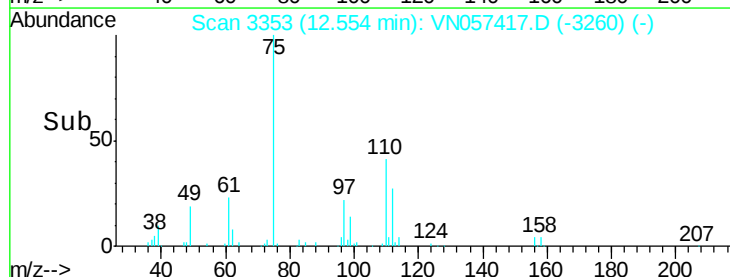
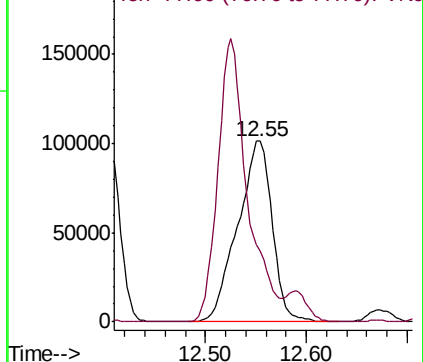
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 22.410 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

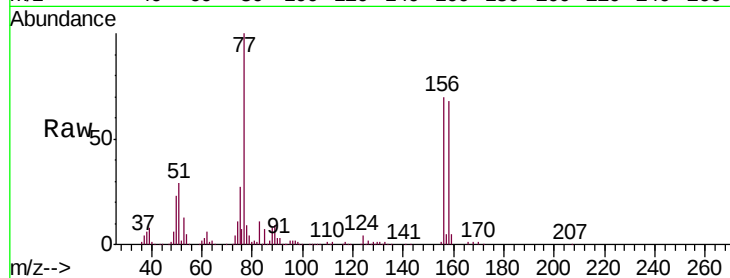
Tgt Ion:156 Resp: 191831

Ion Ratio Lower Upper

156 100

77 169.6 89.8 269.6

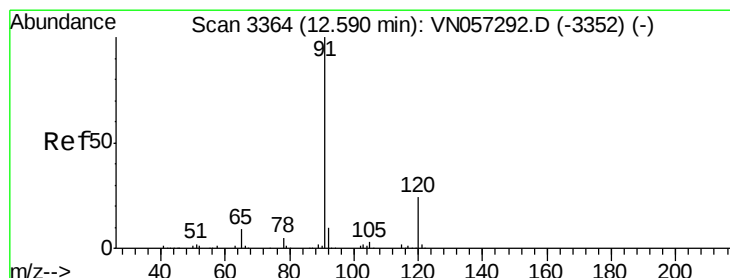
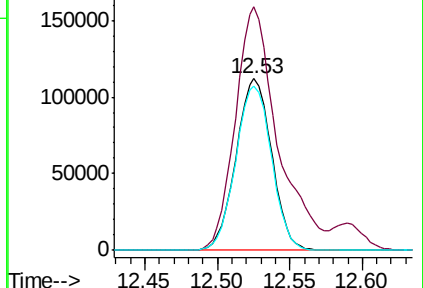
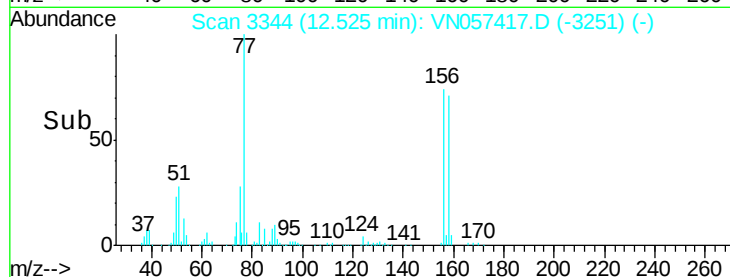
158 96.4 49.3 147.8



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: 18.889 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN057417.D

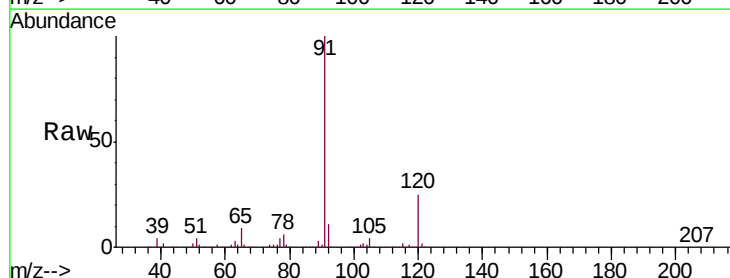
Acq: 19 Aug 2019 23:12

Tgt Ion: 91 Resp: 689794

Ion Ratio Lower Upper

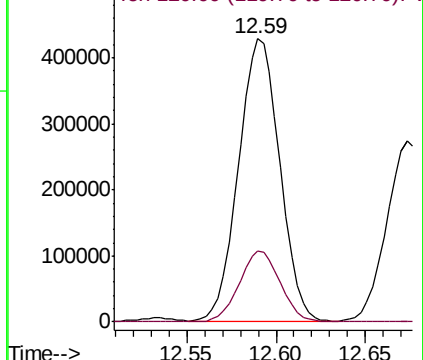
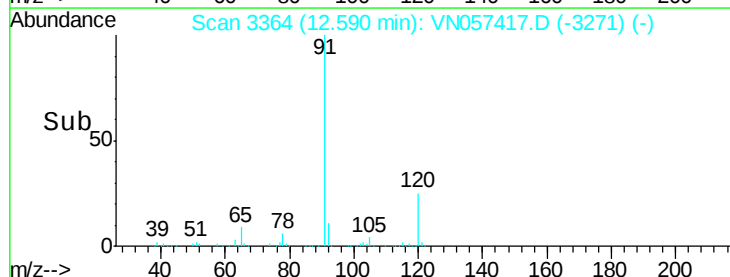
91 100

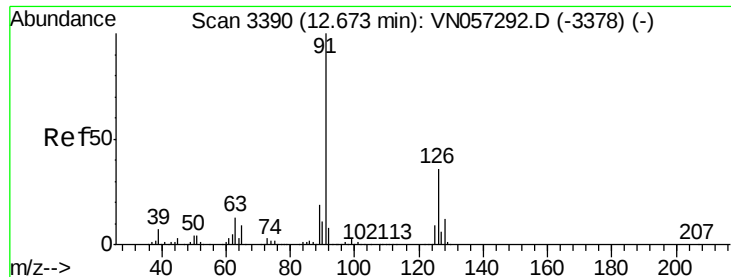
120 25.0 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.325 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

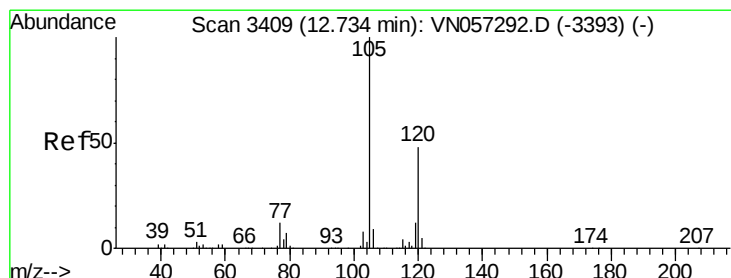
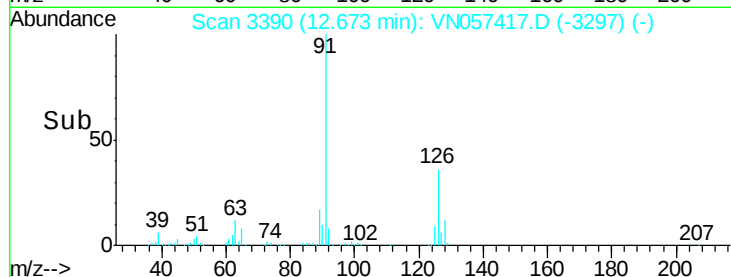
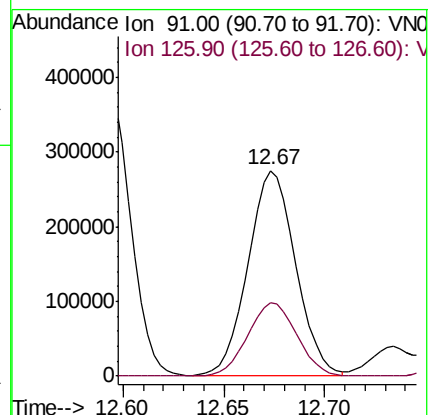
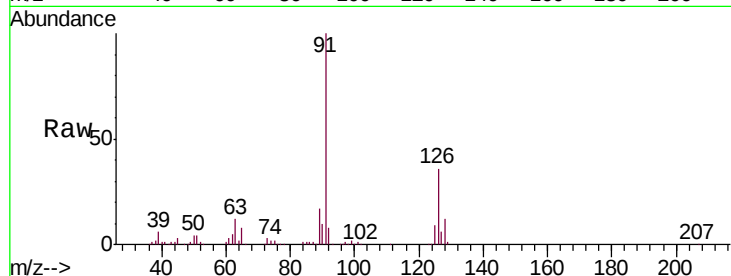
VN0819WBSD02

Tgt Ion: 91 Resp: 452789

Ion Ratio Lower Upper

91 100

126 37.0 18.1 54.1



#80

1,3,5-Trimethylbenzene

Concen: 21.888 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057417.D

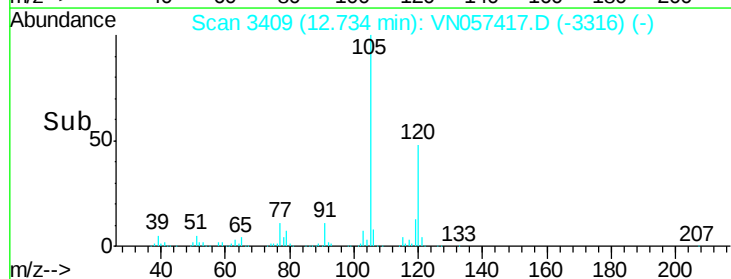
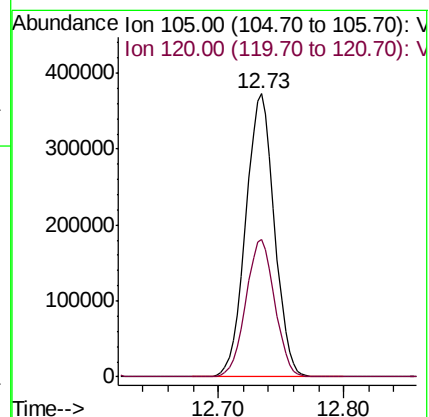
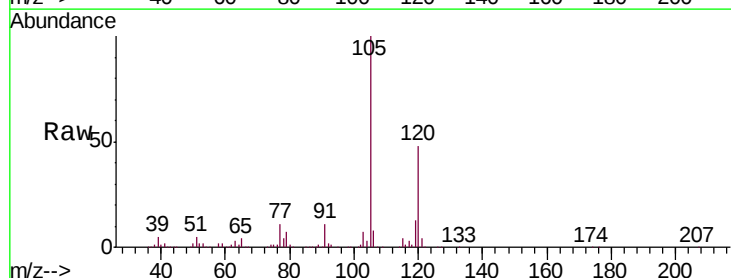
Acq: 19 Aug 2019 23:12

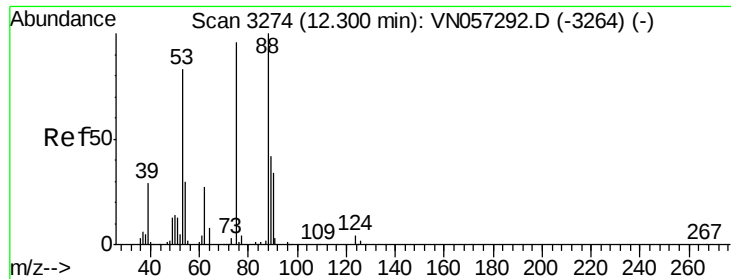
Tgt Ion: 105 Resp: 591661

Ion Ratio Lower Upper

105 100

120 48.9 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.358 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

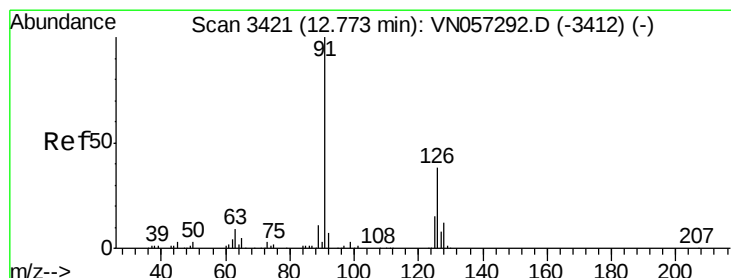
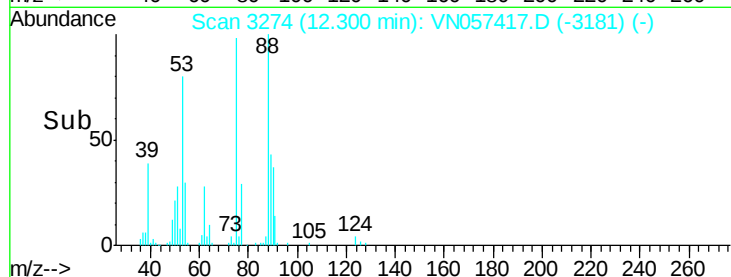
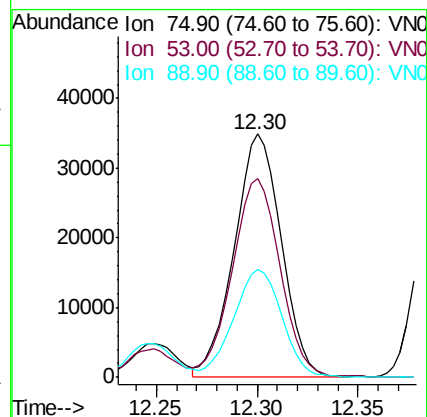
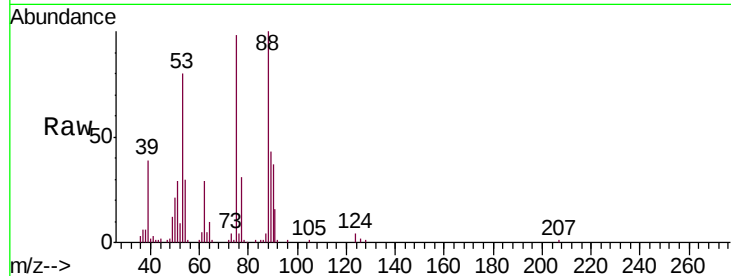
Tgt Ion: 75 Resp: 57091

Ion Ratio Lower Upper

75 100

53 82.1 67.9 101.9

89 45.7 36.2 54.4



#82

4-Chlorotoluene

Concen: 19.004 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN057417.D

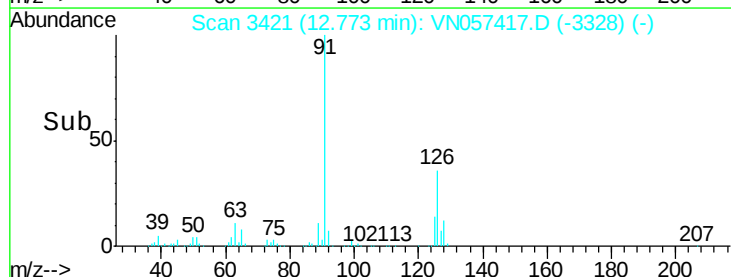
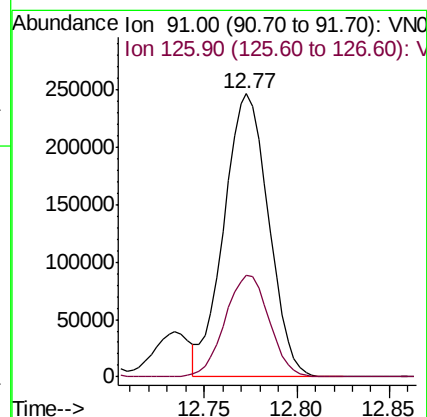
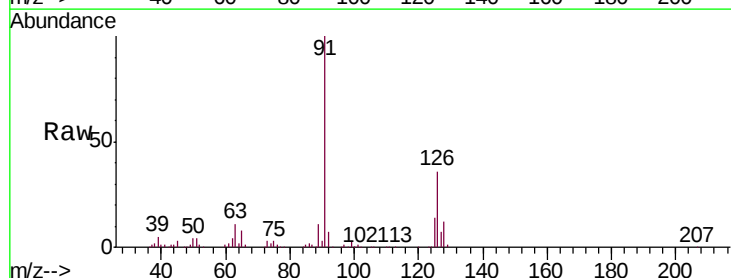
Acq: 19 Aug 2019 23:12

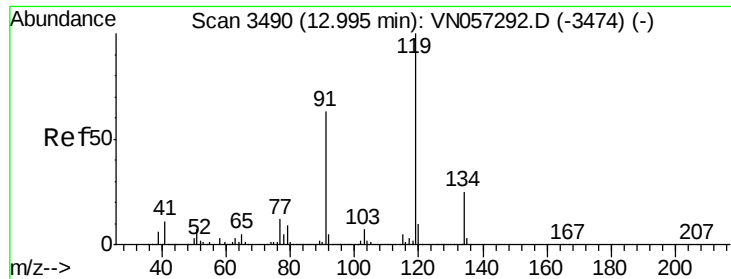
Tgt Ion: 91 Resp: 411231

Ion Ratio Lower Upper

91 100

126 35.6 17.3 51.7

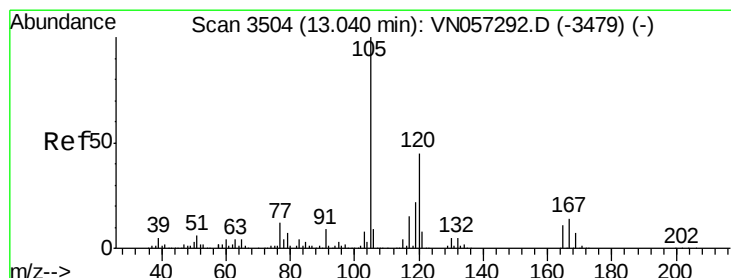
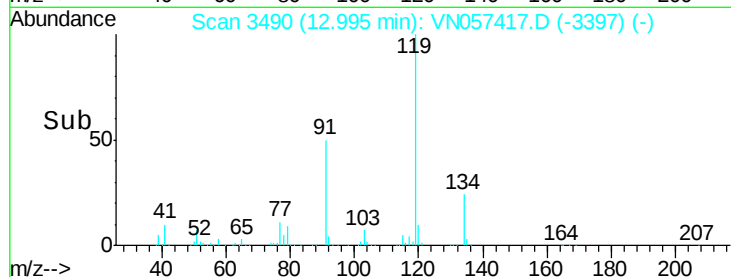
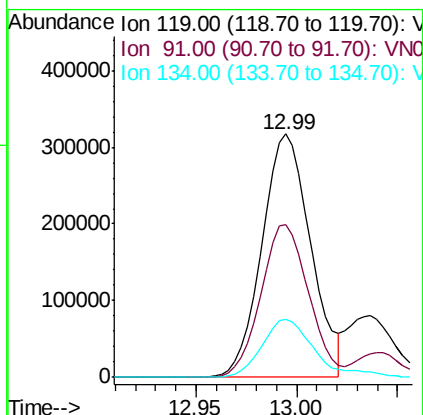
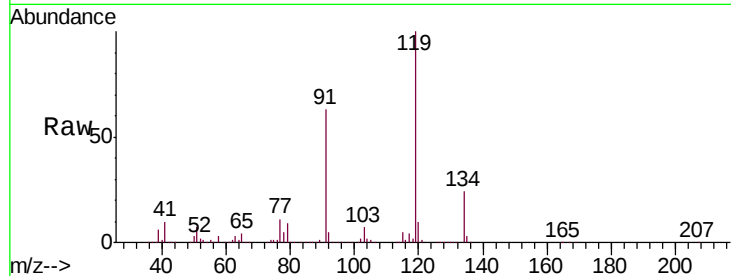




#83
 tert-Butylbenzene
 Concen: 22.116 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

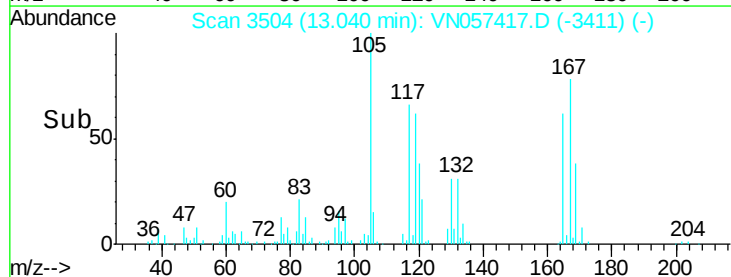
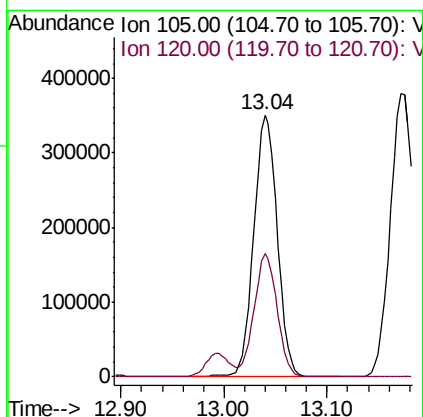
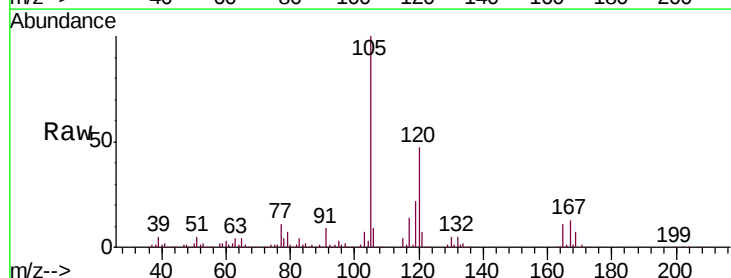
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD02

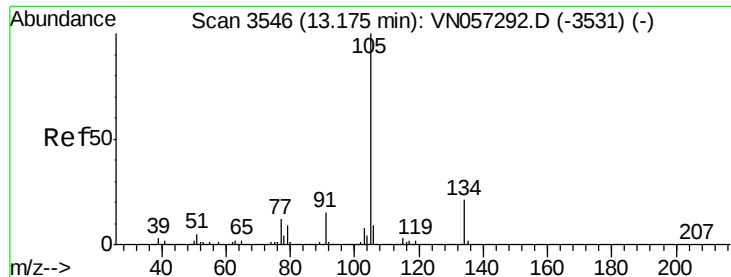
Tgt Ion:119 Resp: 533712
 Ion Ratio Lower Upper
 119 100
 91 61.5 31.3 93.8
 134 25.9 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.225 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

Tgt Ion:105 Resp: 552412
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.6 67.7

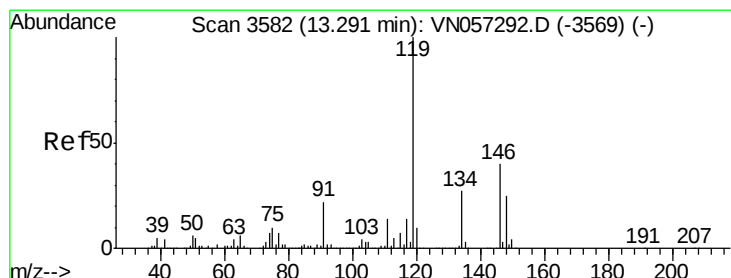
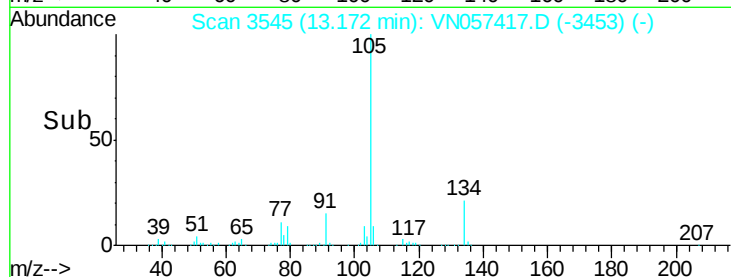
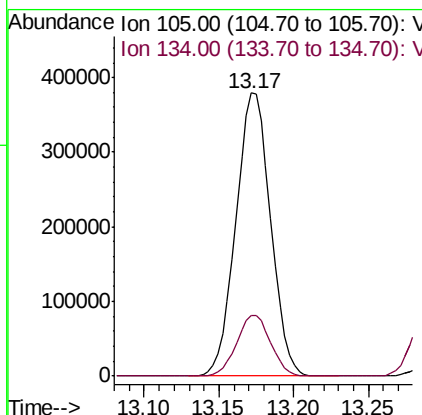
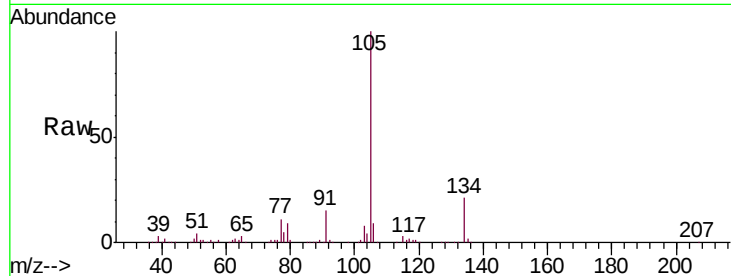




#85
 sec-Butylbenzene
 Concen: 20.411 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

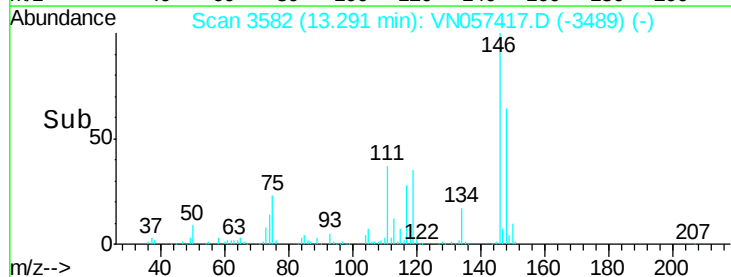
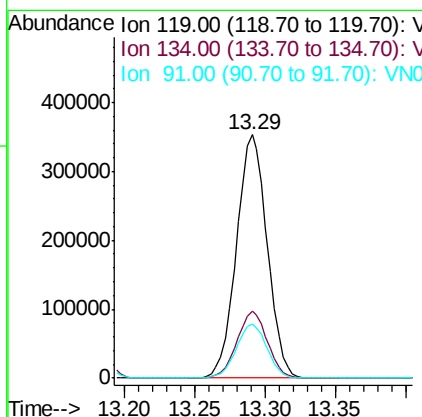
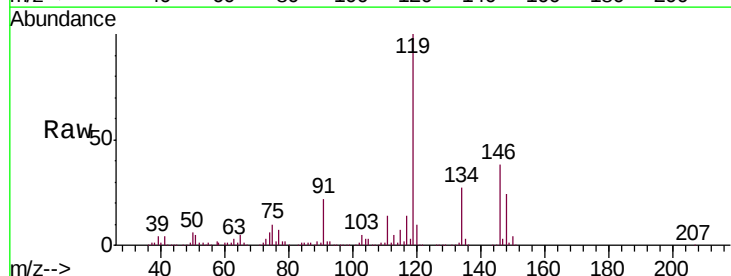
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD02

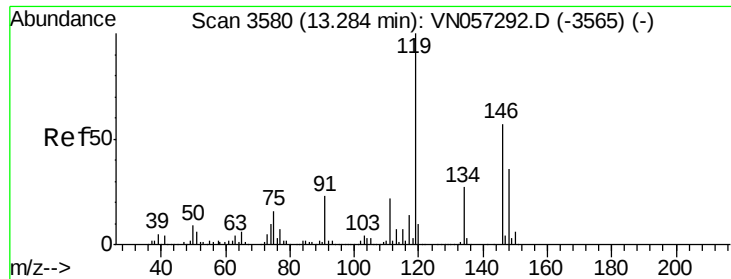
Tgt Ion:105 Resp: 611245
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.224 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

Tgt Ion:119 Resp: 537577
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 22.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 19.841 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

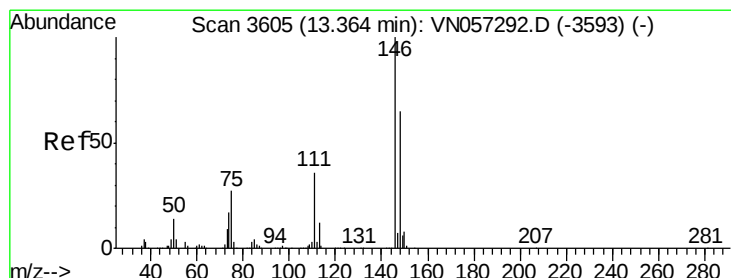
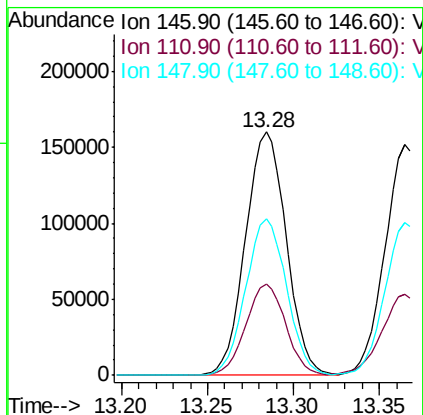
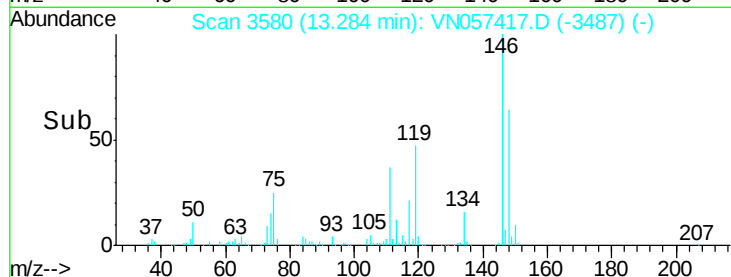
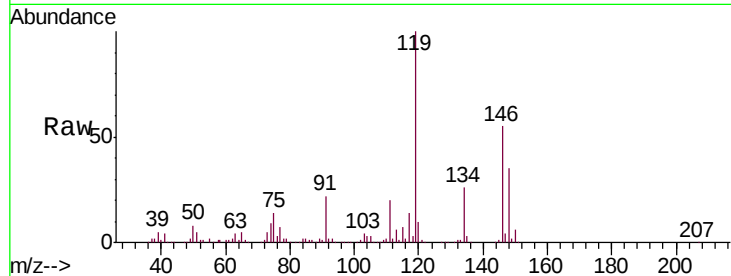
Tgt Ion:146 Resp: 263620

Ion Ratio Lower Upper

146 100

111 36.6 18.7 56.1

148 64.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.523 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

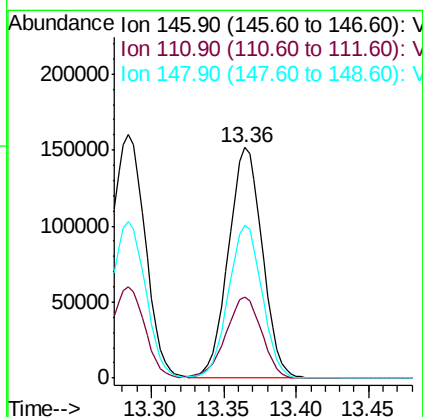
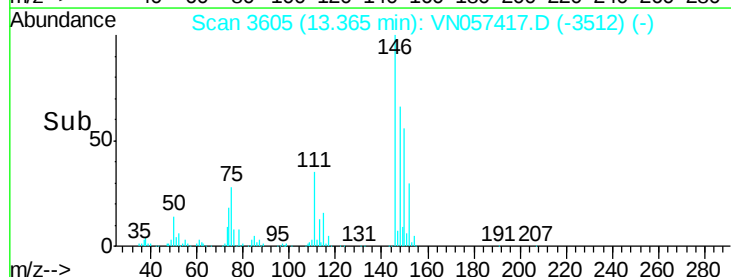
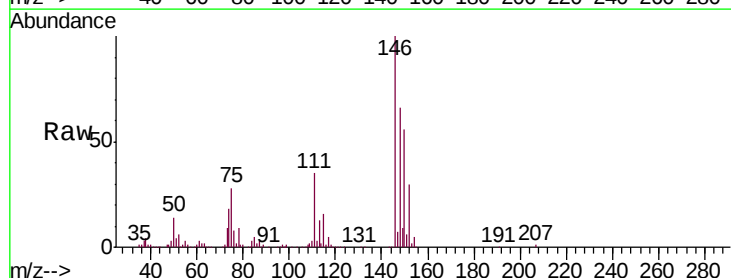
Tgt Ion:146 Resp: 246235

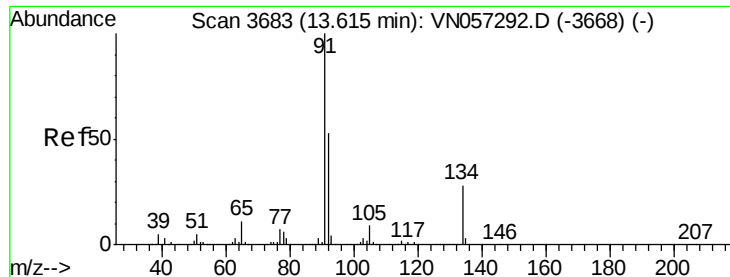
Ion Ratio Lower Upper

146 100

111 37.3 18.4 55.4

148 65.9 32.5 97.4





#89

n-Butylbenzene

Concen: 20.671 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

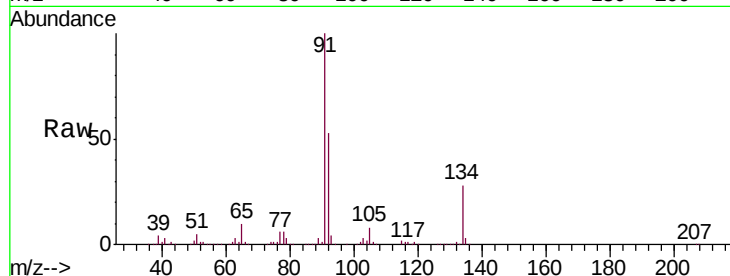
Tgt Ion: 91 Resp: 412085

Ion Ratio Lower Upper

91 100

92 52.8 26.2 78.6

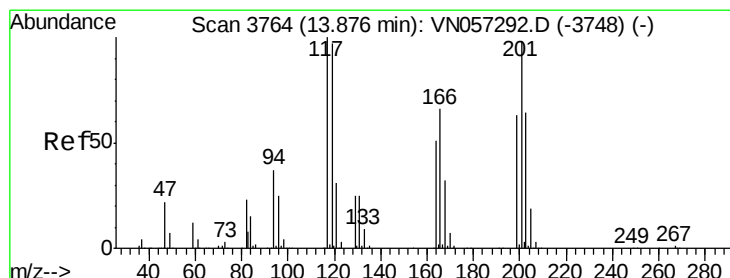
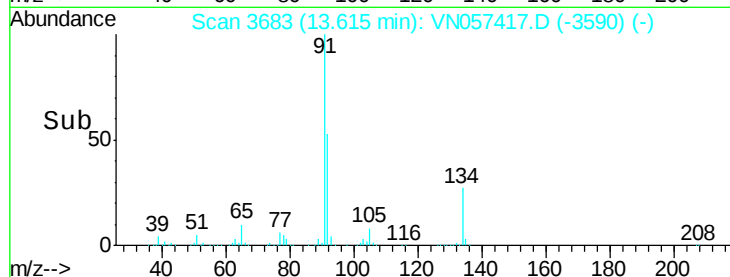
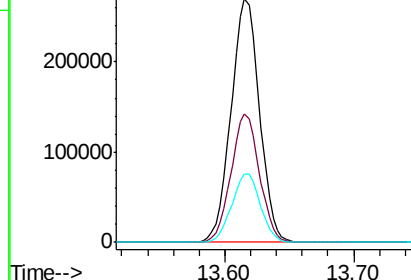
134 28.3 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN057292.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057292.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057292.D (-3668) (-)



#90

Hexachloroethane

Concen: 22.755 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN057417.D

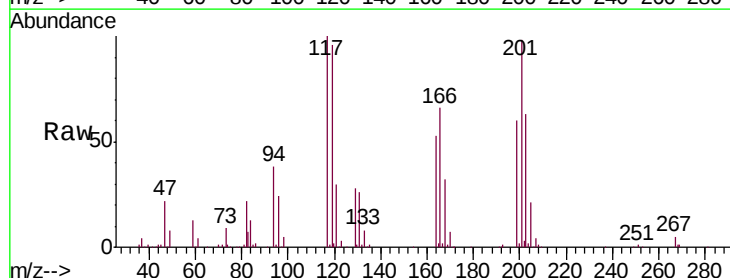
Acq: 19 Aug 2019 23:12

Tgt Ion: 117 Resp: 114262

Ion Ratio Lower Upper

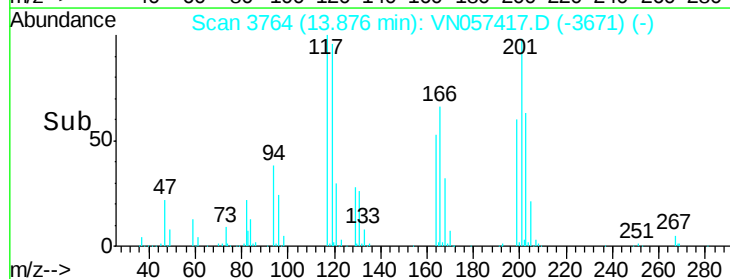
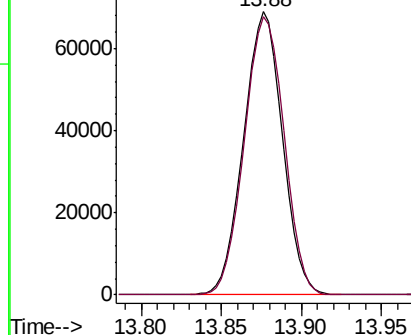
117 100

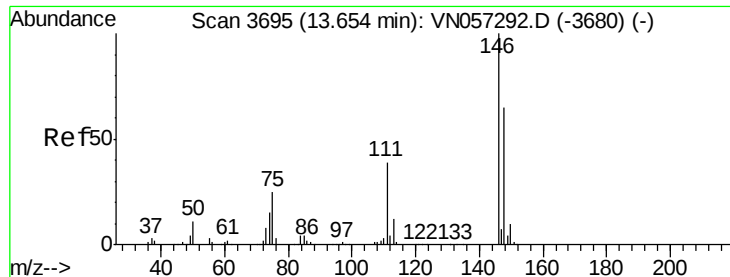
201 100.5 48.4 145.0



Abundance Ion 116.80 (116.50 to 117.50): VN057292.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN057292.D (-3748) (-)





#91

1,2-Dichlorobenzene

Concen: 20.927 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

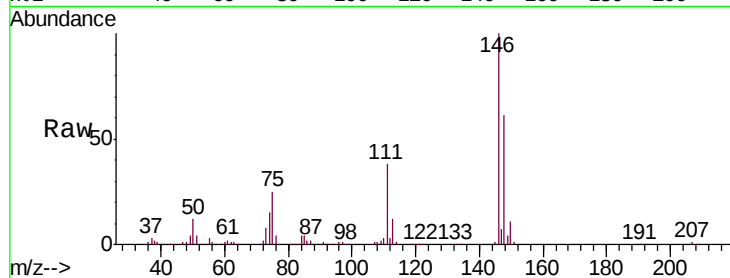
Tgt Ion:146 Resp: 259195

Ion Ratio Lower Upper

146 100

111 38.0 19.7 59.1

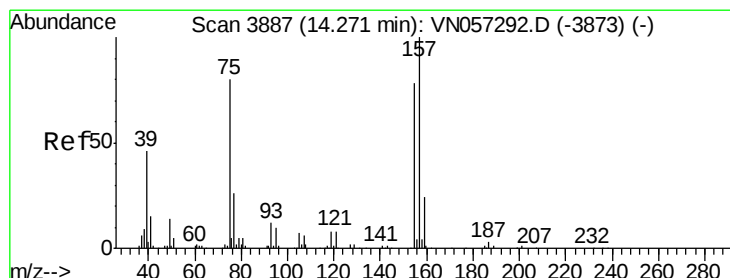
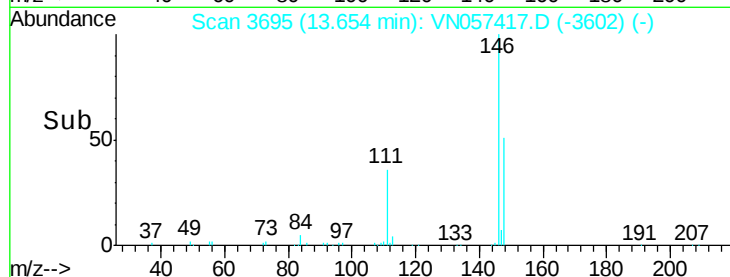
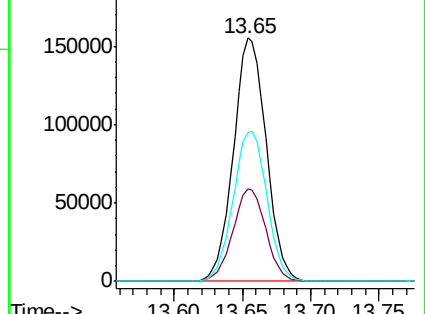
148 63.5 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.045 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

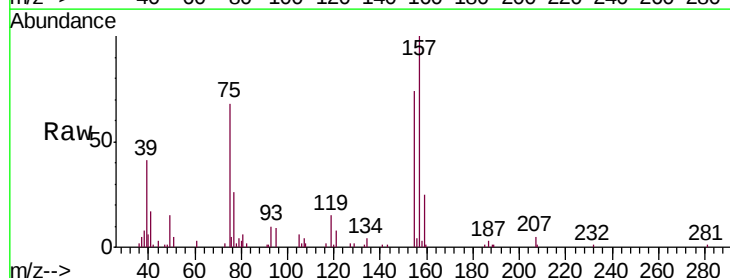
Tgt Ion: 75 Resp: 23050

Ion Ratio Lower Upper

75 100

155 105.4 49.6 148.8

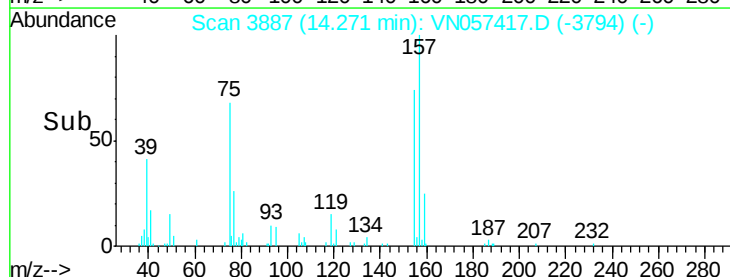
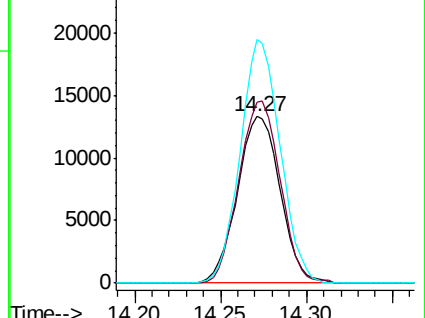
157 136.0 63.7 191.1

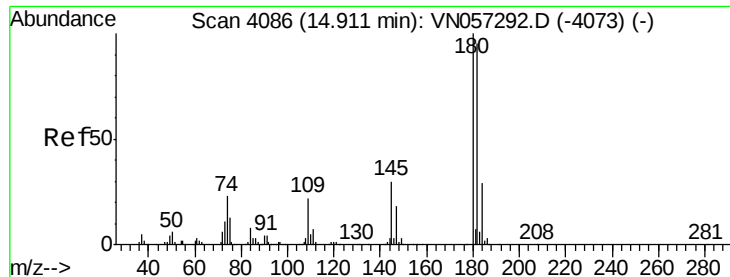


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

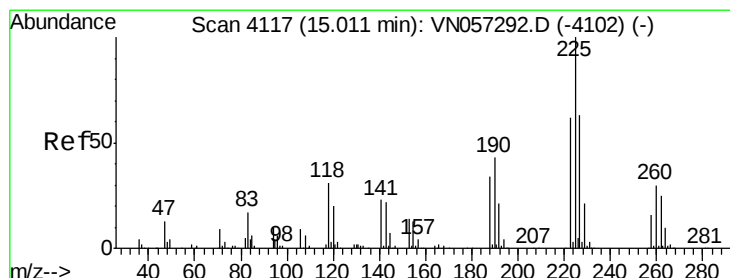
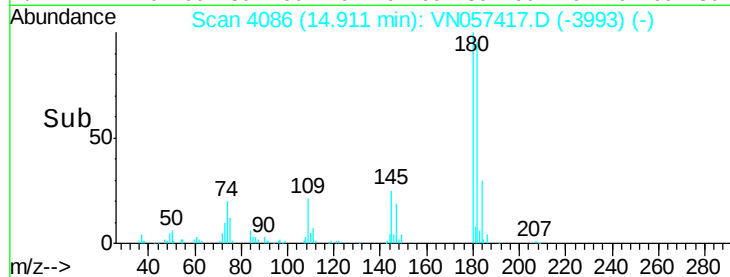
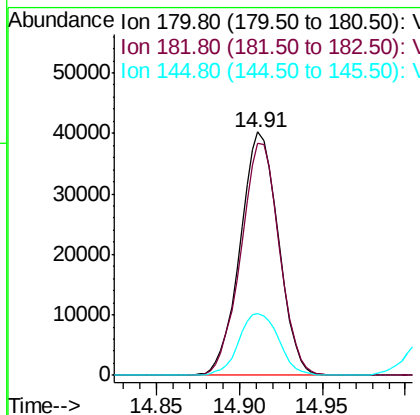
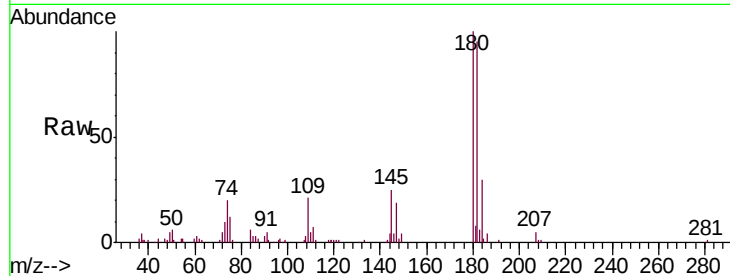




#93
 1,2,4-Trichlorobenzene
 Concen: 16.954 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

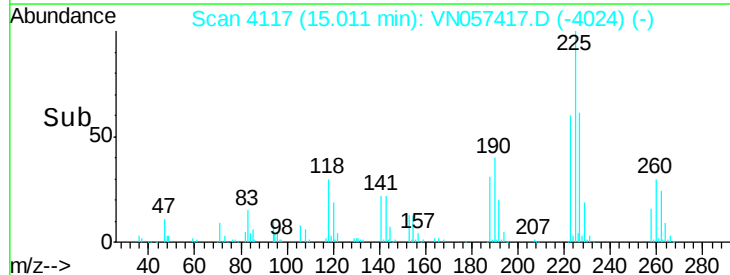
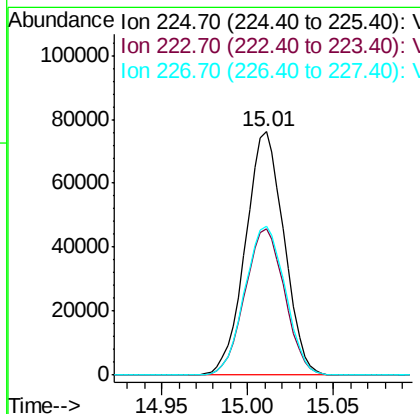
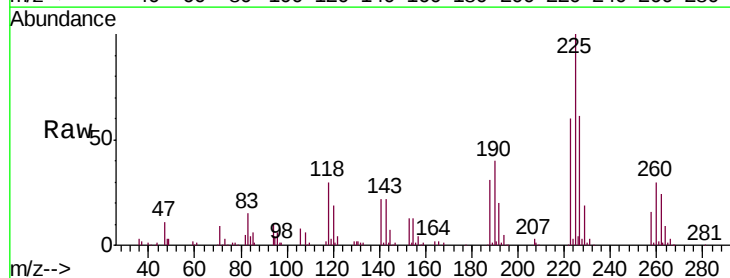
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD02

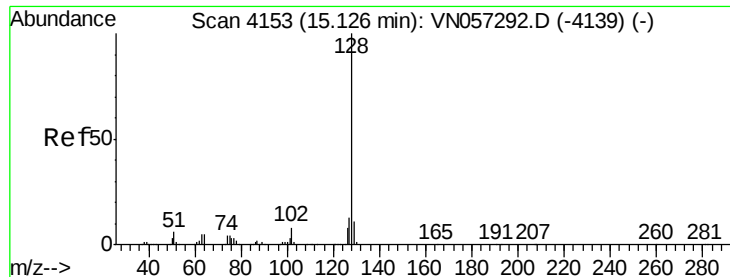
Tgt Ion:180 Resp: 64337
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.0 144.2
 145 26.5 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 22.508 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057417.D
 Acq: 19 Aug 2019 23:12

Tgt Ion:225 Resp: 118686
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.7 92.1
 227 64.1 30.9 92.7





#95

Naphthalene

Concen: 20.916 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBSD02

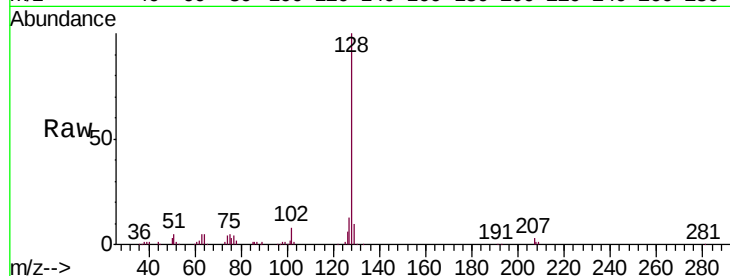
Tgt Ion:128 Resp: 128771

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

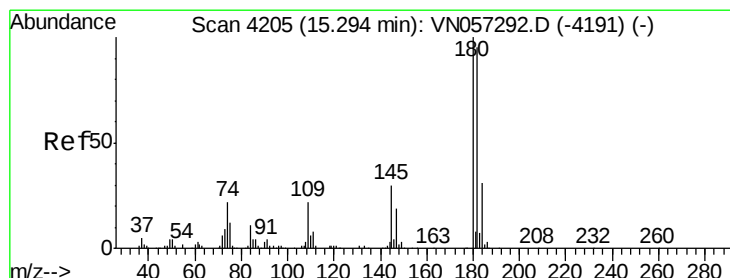
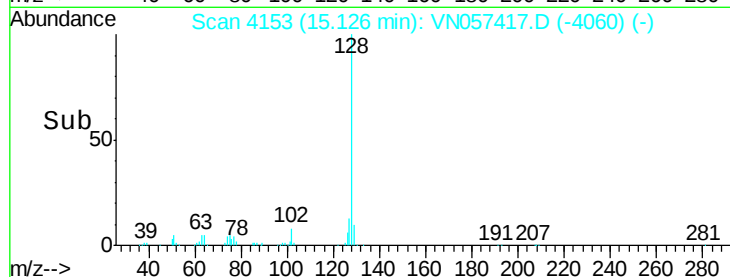
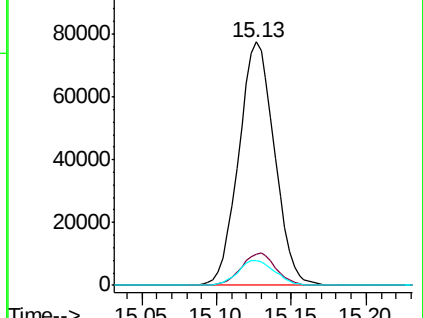
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.636 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN057417.D

Acq: 19 Aug 2019 23:12

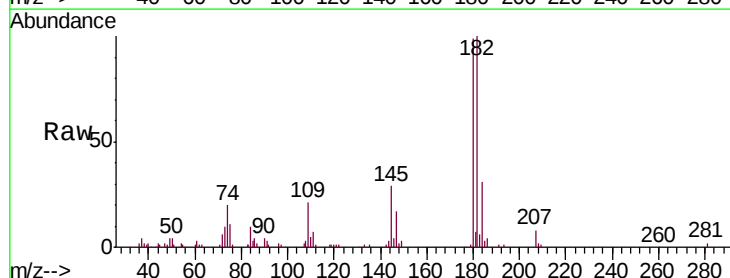
Tgt Ion:180 Resp: 62495

Ion Ratio Lower Upper

180 100

182 96.8 47.9 143.6

145 29.4 15.1 45.3



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

