

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
 Data File : VN058131.D
 Acq On : 16 Sep 2019 19:47
 Operator : JC/SP
 Sample : K4871-03MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MSD

Quant Time: Sep 17 03:55:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	329786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	532899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	506403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	307684	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	368573	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
35) Dibromofluoromethane	7.58	113	264747	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	10.08	98	1015920	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.40	95	376383	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	238333	52.257	ug/l	99
3) Chloromethane	2.04	50	201239	43.292	ug/l	100
4) Vinyl Chloride	2.17	62	213685	43.434	ug/l	100
5) Bromomethane	2.53	94	115230	42.391	ug/l	97
6) Chloroethane	2.68	64	132545	42.280	ug/l	99
7) Trichlorofluoromethane	3.00	101	290593	46.936	ug/l	99
8) Diethyl Ether	3.39	74	136281	52.776	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	208546	53.396	ug/l	98
10) Methyl Iodide	3.93	142	218866	50.358	ug/l	100
11) Tert butyl alcohol	4.76	59	221277	273.709	ug/l	100
12) 1,1-Dichloroethene	3.72	96	173054	49.280	ug/l	97
13) Acrolein	3.58	56	53108	77.431	ug/l	99
14) Allyl chloride	4.30	41	351317	51.121	ug/l	99
15) Acrylonitrile	4.96	53	647992	291.616	ug/l	99
16) Acetone	3.79	43	583014	266.255	ug/l	98
17) Carbon Disulfide	4.03	76	247925	45.377	ug/l	97
18) Methyl Acetate	4.30	43	357562	61.244	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	839783	57.464	ug/l	98
20) Methylene Chloride	4.53	84	237076	57.046	ug/l	98
21) trans-1,2-Dichloroethene	5.02	96	193346	50.933	ug/l	98
22) Diisopropyl ether	5.93	45	915608	56.813	ug/l	98
23) Vinyl Acetate	5.87	43	3348033	293.133	ug/l	100
24) 1,1-Dichloroethane	5.83	63	480236	54.523	ug/l	99
25) 2-Butanone	6.81	43	899141	283.709	ug/l	99
26) 2,2-Dichloropropane	6.81	77	309401	44.388	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	272462	53.558	ug/l	100
28) Bromochloromethane	7.18	49	243120	55.251	ug/l	98
29) Tetrahydrofuran	7.19	42	571518	292.651	ug/l	100
30) Chloroform	7.36	83	510114	55.390	ug/l	94
31) Cyclohexane	7.64	56	325130	54.363	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	403870	55.294	ug/l	99
36) 1,1-Dichloropropene	7.78	75	315742	51.089	ug/l	100
37) Ethyl Acetate	6.91	43	351038	54.976	ug/l	99
38) Carbon Tetrachloride	7.76	117	324604	57.528	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
 Data File : VN058131.D
 Acq On : 16 Sep 2019 19:47
 Operator : JC/SP
 Sample : K4871-03MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MSD

Quant Time: Sep 17 03:55:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	317575	48.882	ug/l	98
40) Benzene	8.03	78	996182	53.539	ug/l	99
41) Methacrylonitrile	7.15	41	180834	62.389	ug/l	96
42) 1,2-Dichloroethane	8.11	62	422177	56.734	ug/l	100
43) Isopropyl Acetate	8.15	43	666109	62.033	ug/l	98
44) Trichloroethene	8.82	130	241798	52.984	ug/l	99
45) 1,2-Dichloropropane	9.11	63	305191	56.369	ug/l	99
46) Dibromomethane	9.20	93	187363	57.268	ug/l	99
47) Bromodichloromethane	9.40	83	389334	59.593	ug/l	96
48) Methyl methacrylate	9.19	41	307603	56.472	ug/l	99
49) 1,4-Dioxane	9.19	88	84266	914.801	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	1953319	307.395	ug/l	99
52) Toluene	10.15	92	629510	53.717	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	400185	58.167	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	432775	56.975	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	285723	57.558	ug/l	99
56) Ethyl methacrylate	10.43	69	435829	58.302	ug/l	100
57) 1,3-Dichloropropane	10.71	76	488423	57.093	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.72	63	1489	0.423	ug/l #	50
59) 2-Hexanone	10.75	43	1433564	300.986	ug/l	99
60) Dibromochloromethane	10.90	129	282861	61.363	ug/l	100
61) 1,2-Dibromoethane	11.00	107	269937	57.519	ug/l	100
64) Tetrachloroethene	10.63	164	189345	50.640	ug/l	99
65) Chlorobenzene	11.43	112	718148	54.188	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	274119	59.608	ug/l	98
67) Ethyl Benzene	11.51	91	1292052	55.629	ug/l	100
68) m/p-Xylenes	11.62	106	951598	111.850	ug/l	100
69) o-Xylene	11.95	106	471524	55.749	ug/l	97
70) Styrene	11.97	104	828677	56.930	ug/l	99
71) Bromoform	12.13	173	178087	62.114	ug/l #	95
73) Isopropylbenzene	12.25	105	1320323	55.301	ug/l	100
74) N-amyl acetate	12.07	43	609147	58.625	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	445615	55.433	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	529623	76.091	ug/l #	100
77) Bromobenzene	12.53	156	316333	53.142	ug/l	98
78) n-propylbenzene	12.60	91	1551049	56.574	ug/l	100
79) 2-Chlorotoluene	12.68	91	927505	53.527	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	1137406	56.382	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	105177	53.175	ug/l	96
82) 4-Chlorotoluene	12.78	91	977439	54.929	ug/l	100
83) tert-Butylbenzene	13.00	119	988476	55.123	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1141877	55.693	ug/l	98
85) sec-Butylbenzene	13.18	105	1329725	55.947	ug/l	99
86) p-Isopropyltoluene	13.29	119	1188291	56.743	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	598641	54.790	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	603545	54.420	ug/l	99
89) n-Butylbenzene	13.62	91	1092260	55.230	ug/l	99
90) Hexachloroethane	13.88	117	183367	58.876	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	610991	55.974	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.28	75	87021	65.549	ug/l	99

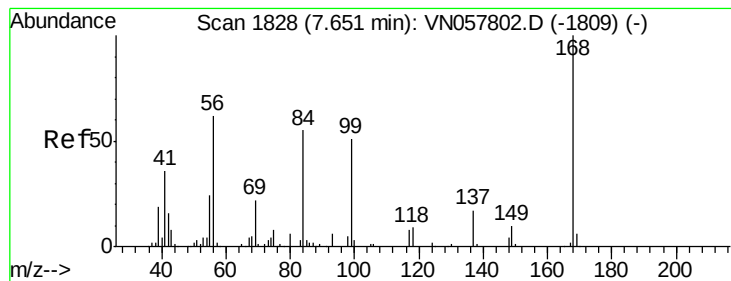
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091619\
Data File : VN058131.D
Acq On : 16 Sep 2019 19:47
Operator : JC/SP
Sample : K4871-03MSD
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MSD

Quant Time: Sep 17 03:55:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	395416	55.422	ug/l	99
94) Hexachlorobutadiene	15.02	225	159707	52.806	ug/l	98
95) Naphthalene	15.13	128	1181236	66.086	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	374873	59.983	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

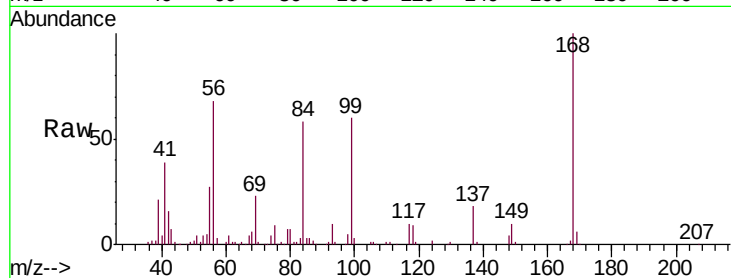
VE-4-11MSD

Tgt Ion:168 Resp: 329786

Ion Ratio Lower Upper

168 100

99 59.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

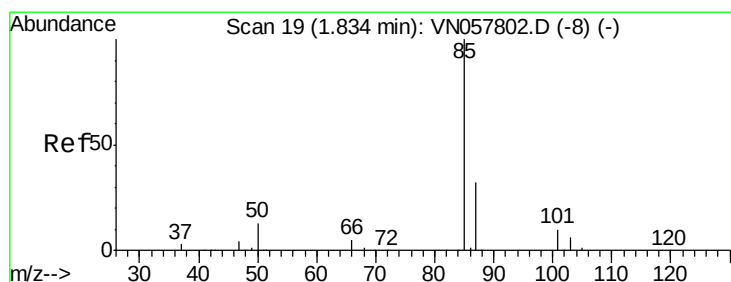
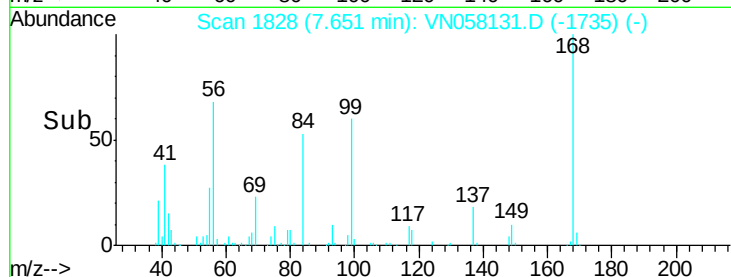
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 52.257 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058131.D

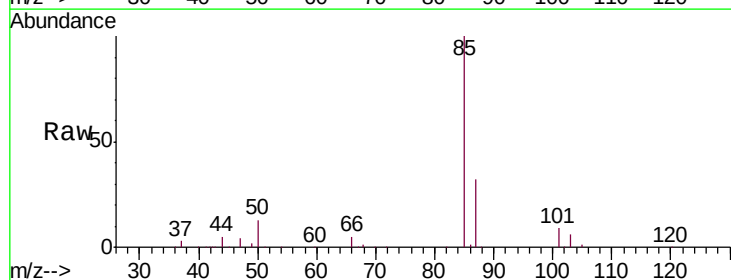
Acq: 16 Sep 2019 19:47

Tgt Ion: 85 Resp: 238333

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

200000

150000

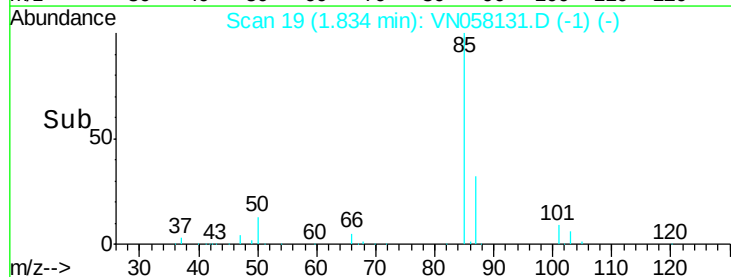
100000

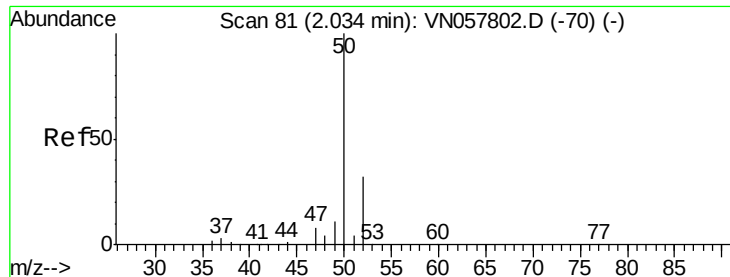
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->

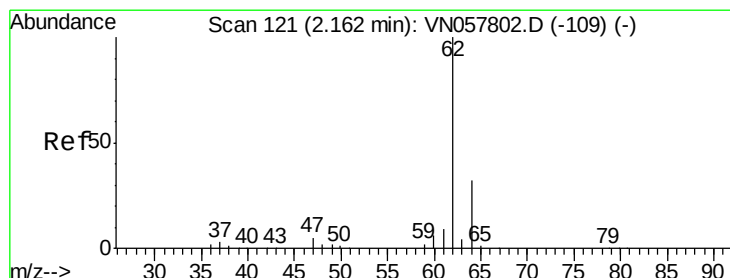
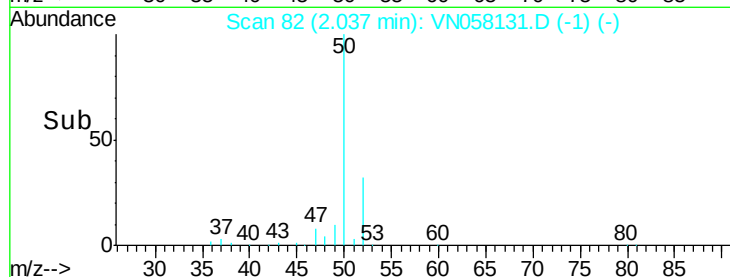
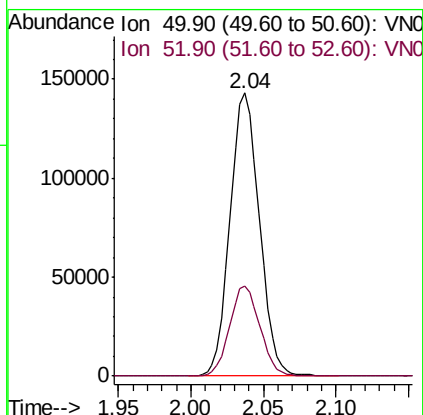
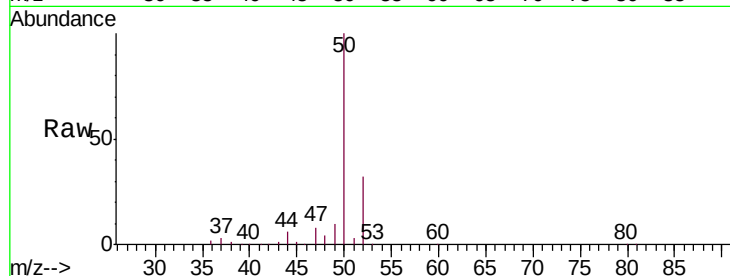




#3
Chloromethane
Concen: 43.292 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

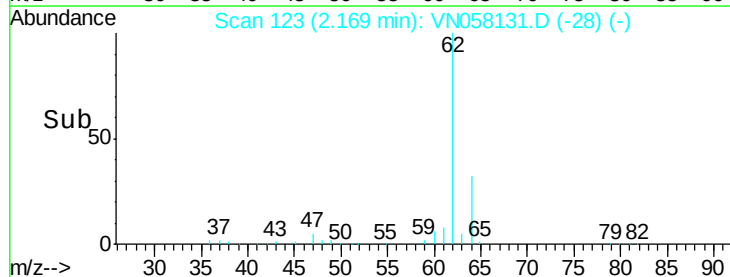
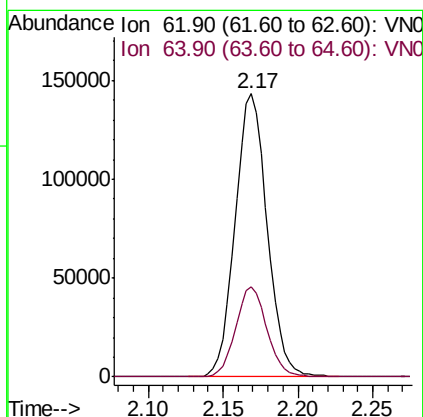
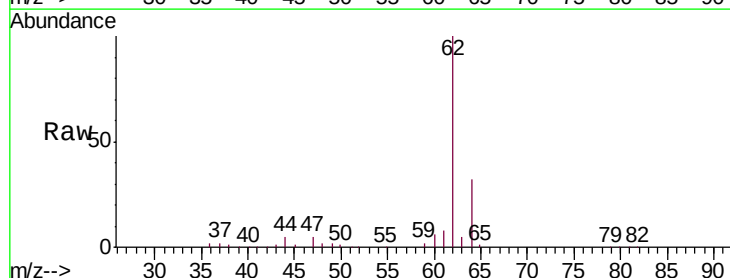
Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MSD

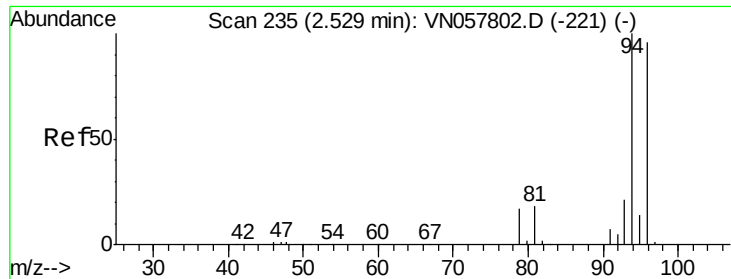
Tgt Ion: 50 Resp: 201239
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3



#4
Vinyl Chloride
Concen: 43.434 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.01 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion: 62 Resp: 213685
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4

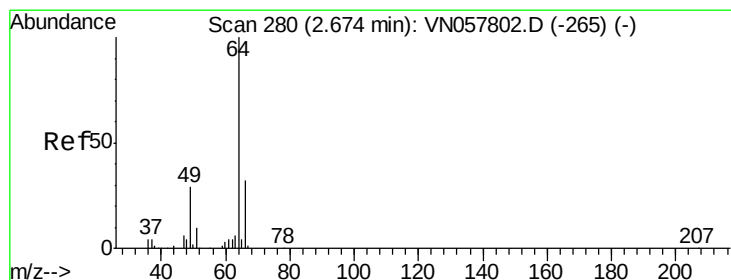
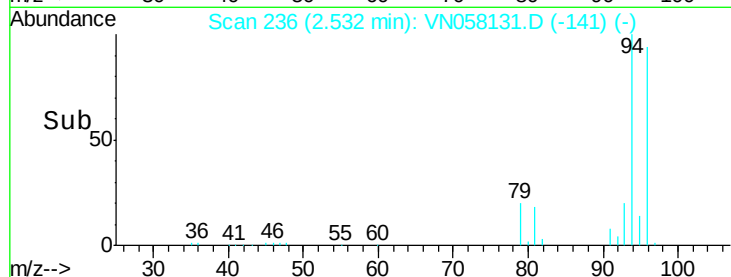
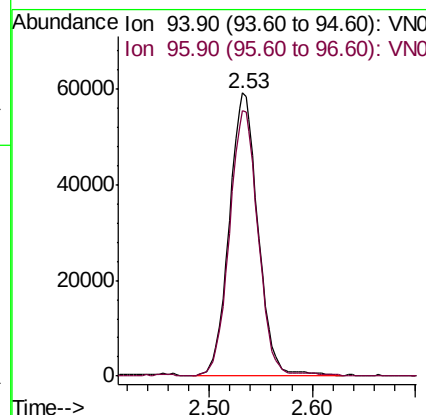
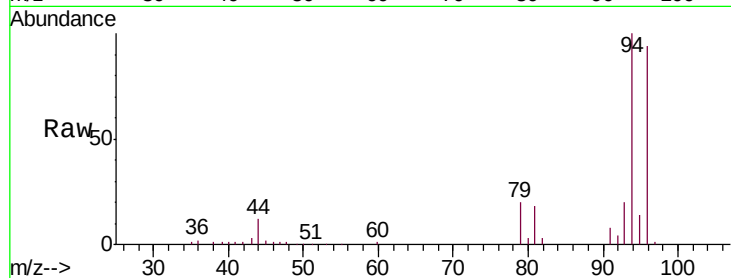




#5
Bromomethane
Concen: 42.391 ug/l
RT: 2.53 min Scan# 236
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

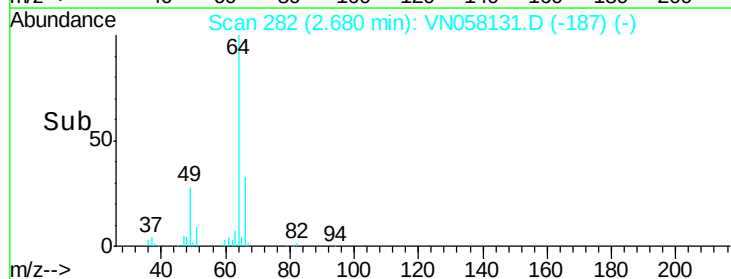
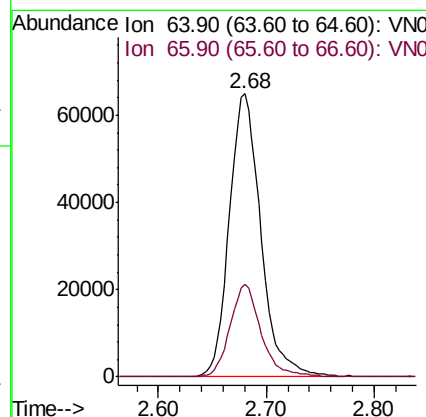
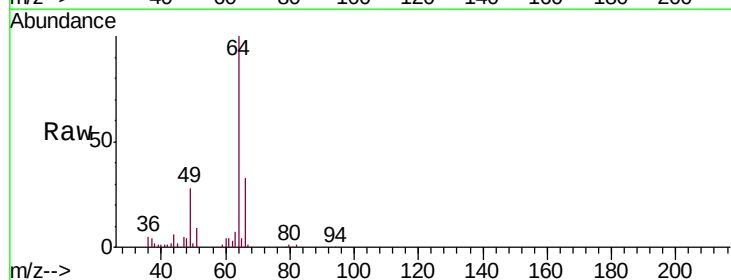
Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MSD

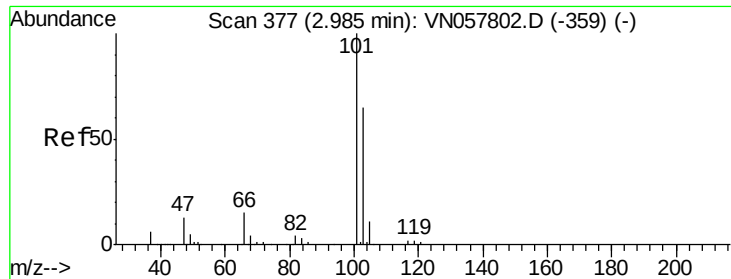
Tgt Ion: 94 Resp: 115230
Ion Ratio Lower Upper
94 100
96 93.7 77.0 115.4



#6
Chloroethane
Concen: 42.280 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.01 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion: 64 Resp: 132545
Ion Ratio Lower Upper
64 100
66 32.5 25.5 38.3



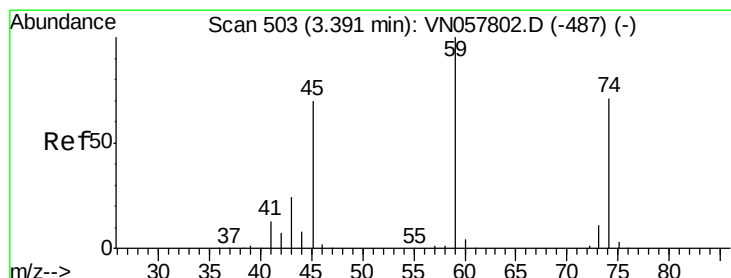
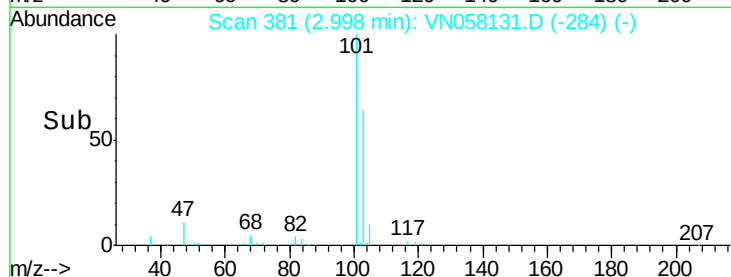
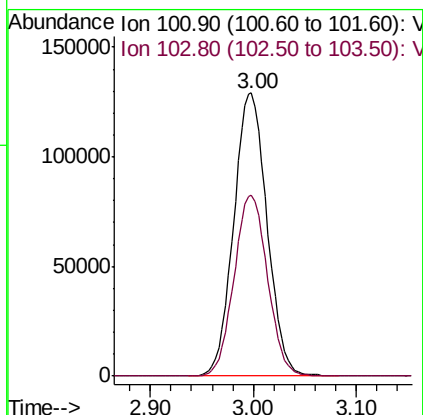
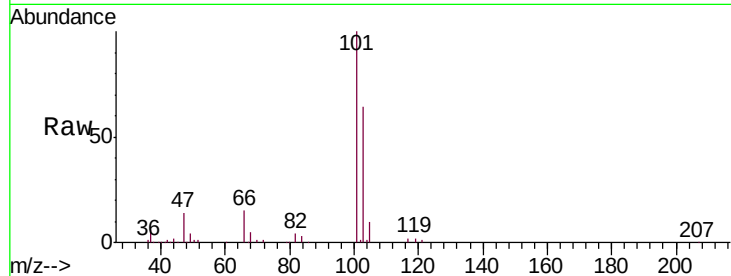


#7

Trichlorofluoromethane
Concen: 46.936 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.01 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MSD

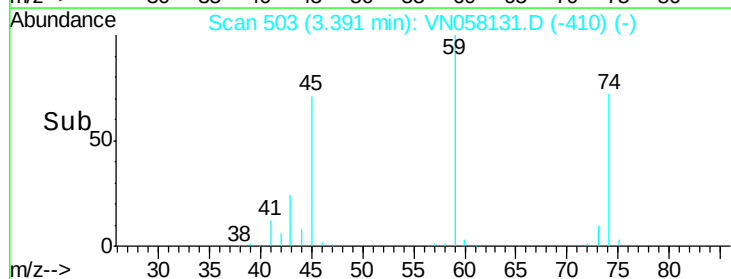
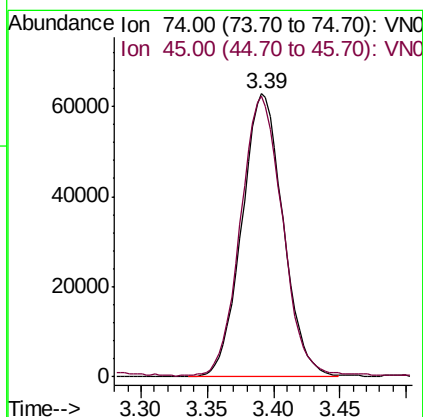
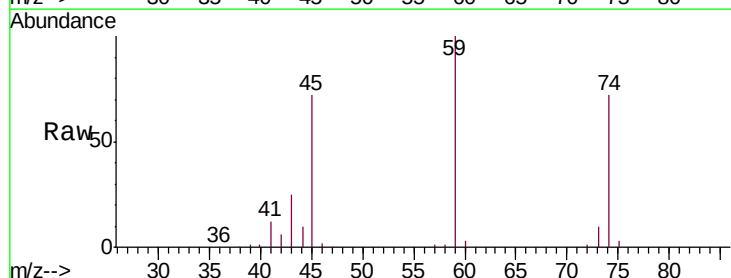
Tgt Ion:101 Resp: 290593
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9

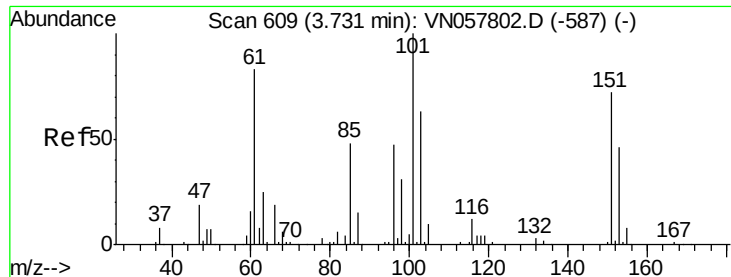


#8

Diethyl Ether
Concen: 52.776 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion: 74 Resp: 136281
Ion Ratio Lower Upper
74 100
45 100.5 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.396 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.01 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MSD

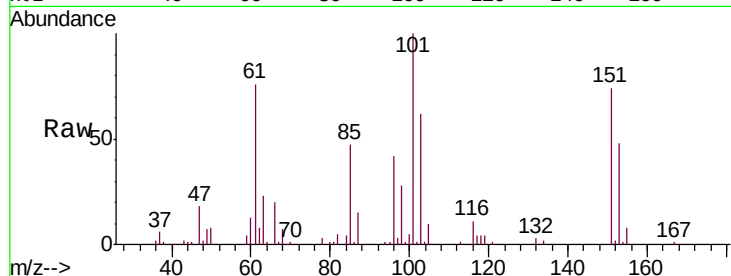
Tgt Ion:101 Resp: 208546

Ion Ratio Lower Upper

101 100

85 47.7 38.1 57.1

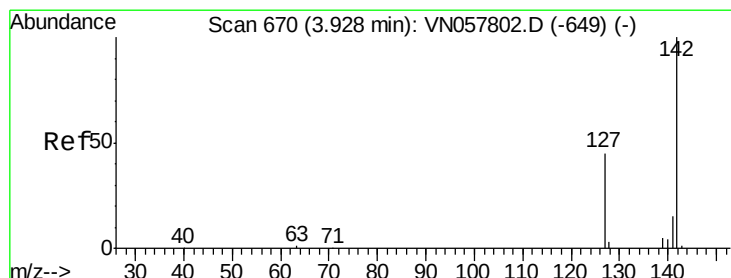
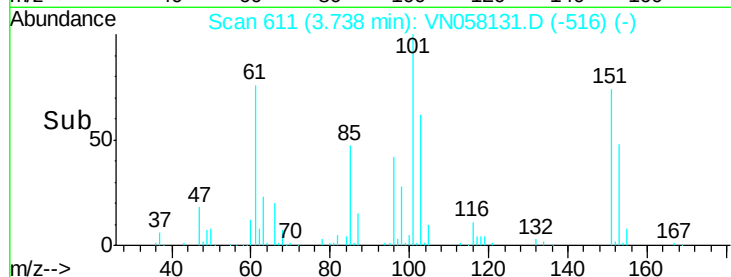
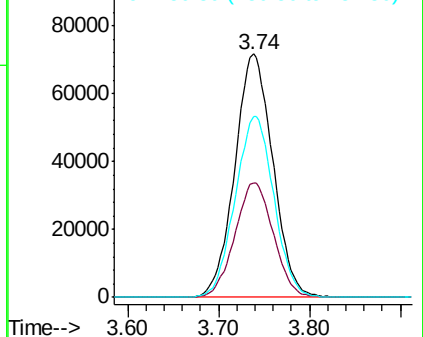
151 75.6 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.358 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

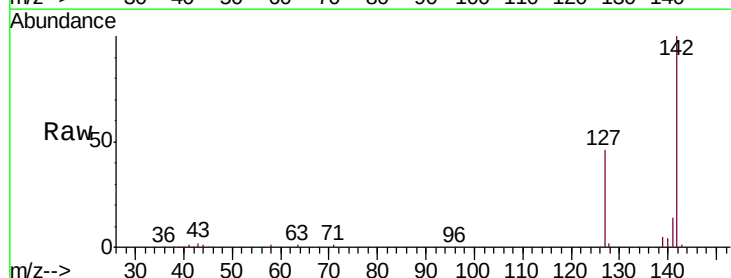
Tgt Ion:142 Resp: 218866

Ion Ratio Lower Upper

142 100

127 46.0 36.7 55.1

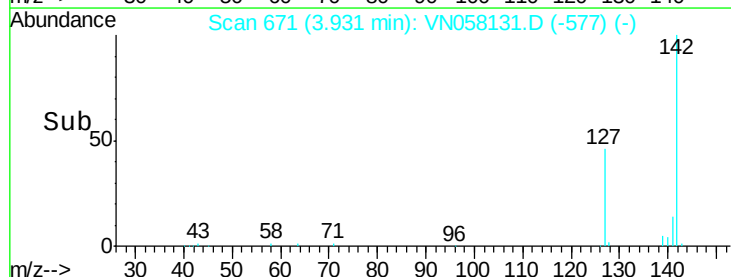
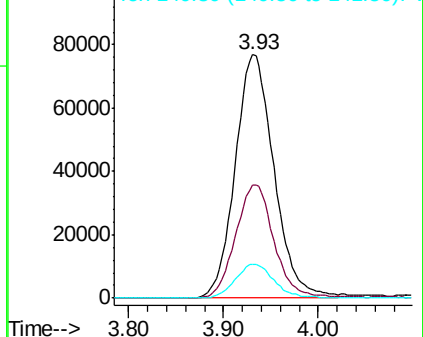
141 13.9 11.4 17.0

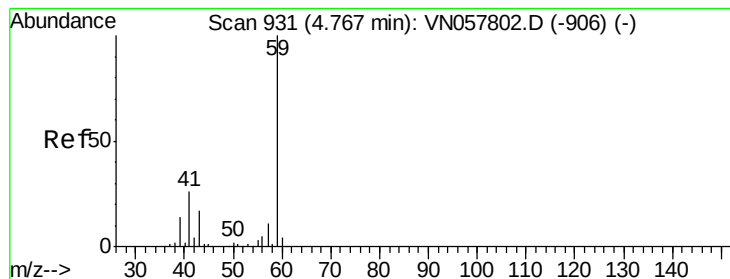


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



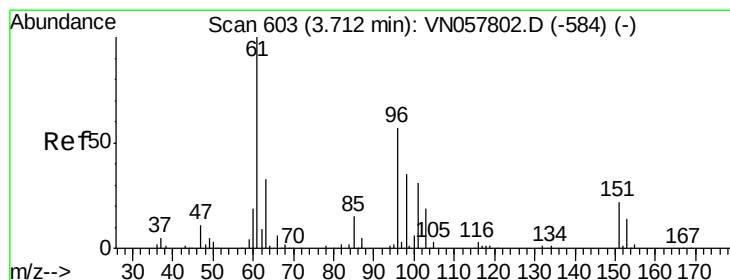
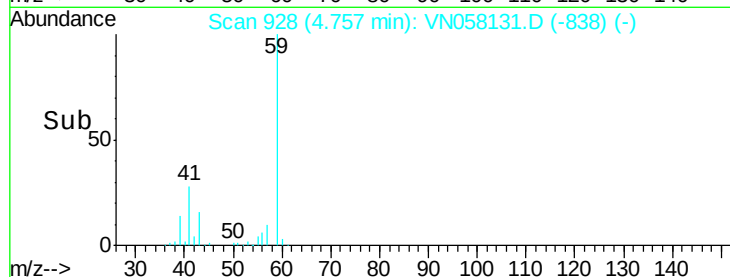
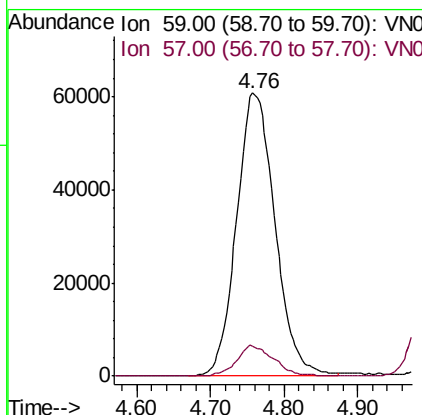
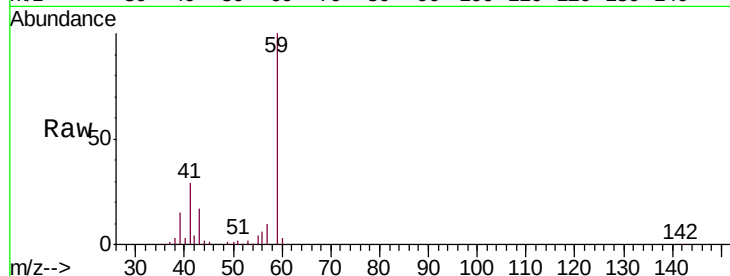


#11

Tert butyl alcohol
Concen: 273.709 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MSD

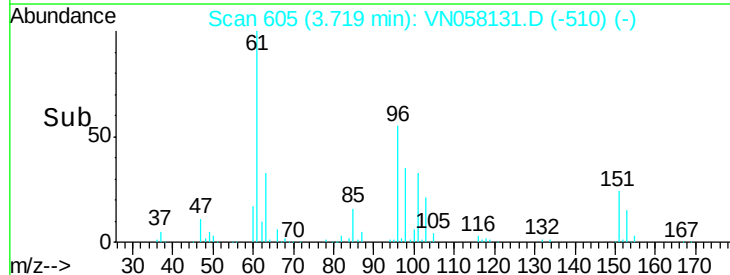
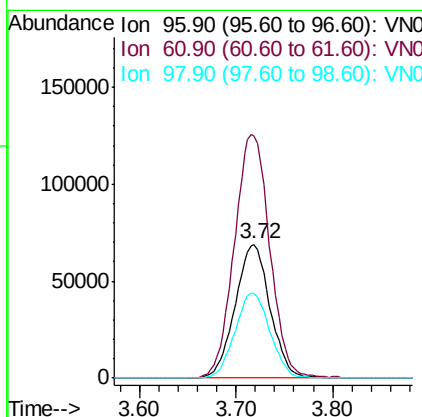
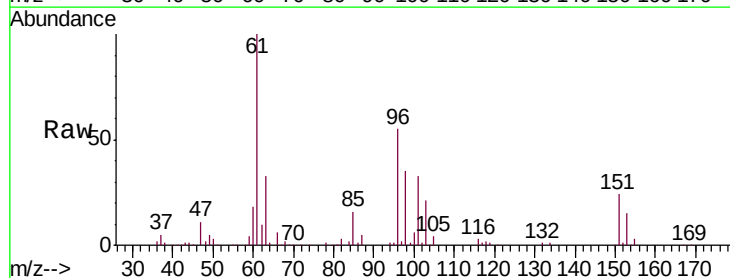
Tgt Ion: 59 Resp: 221277
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

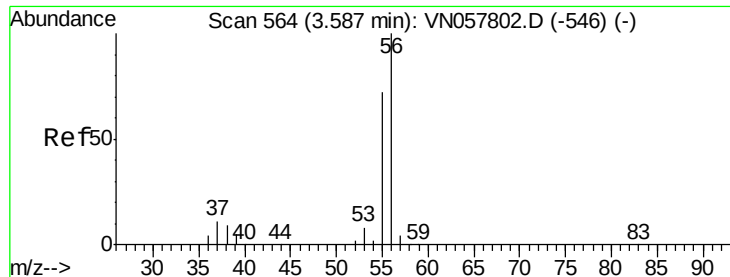


#12

1,1-Dichloroethene
Concen: 49.280 ug/l
RT: 3.72 min Scan# 605
Delta R.T. 0.01 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion: 96 Resp: 173054
Ion Ratio Lower Upper
96 100
61 181.3 141.2 211.8
98 63.5 49.9 74.9





#13

Acrolein

Concen: 77.431 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

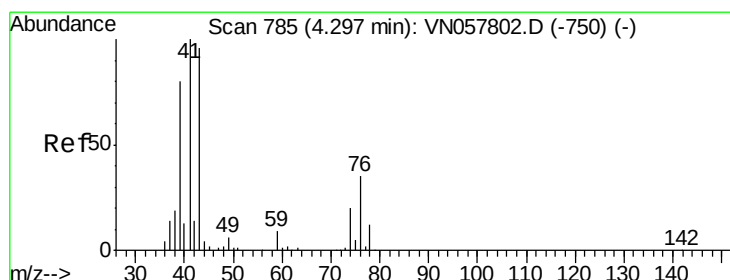
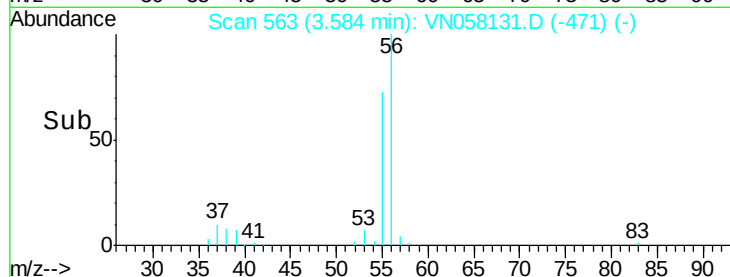
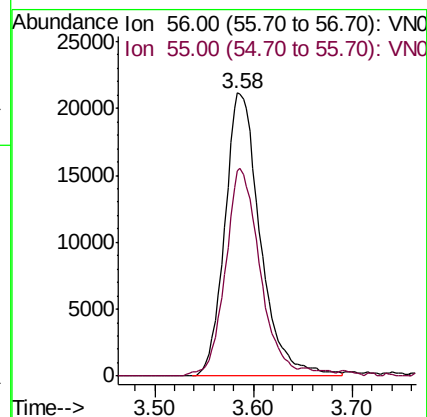
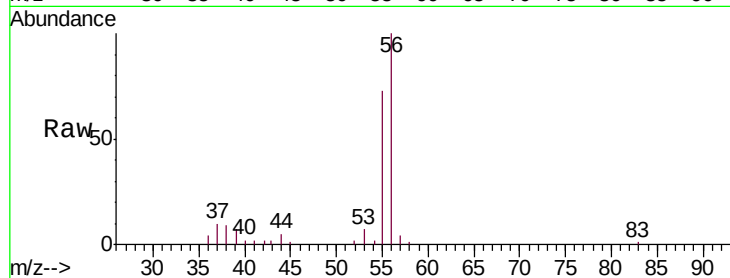
VE-4-11MSD

Tgt Ion: 56 Resp: 53108

Ion Ratio Lower Upper

56 100

55 71.2 57.3 85.9



#14

Allyl chloride

Concen: 51.121 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

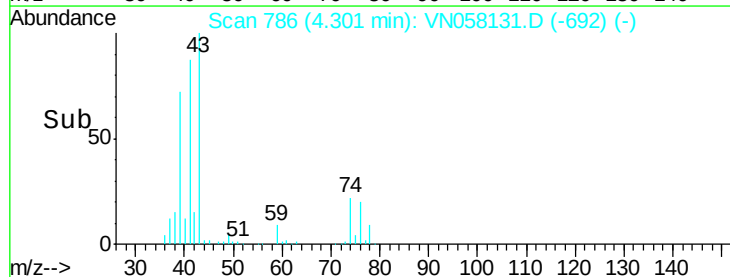
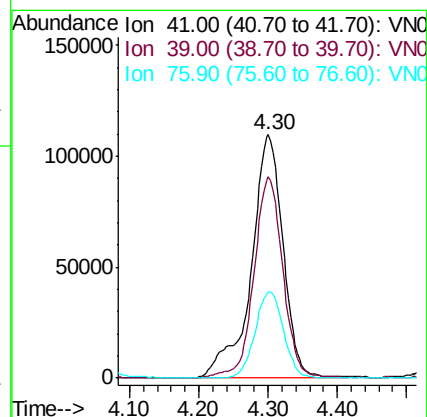
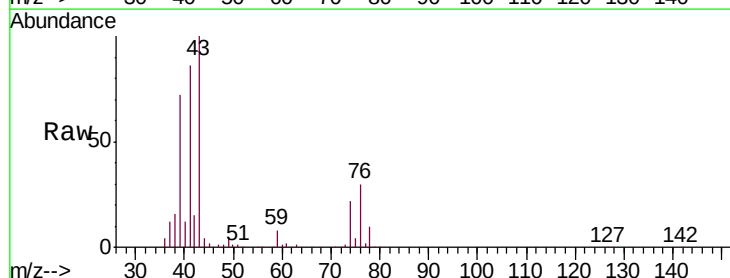
Tgt Ion: 41 Resp: 351317

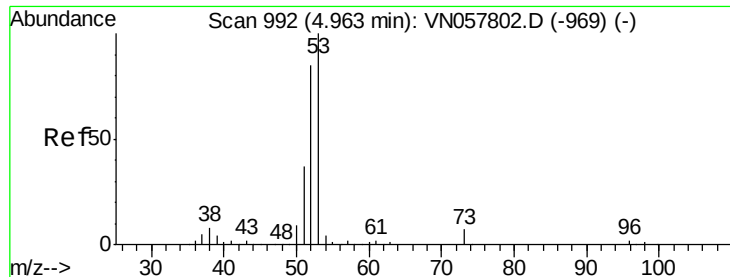
Ion Ratio Lower Upper

41 100

39 74.1 59.4 89.2

76 31.4 26.0 39.0





#15

Acrylonitrile

Concen: 291.616 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MSD

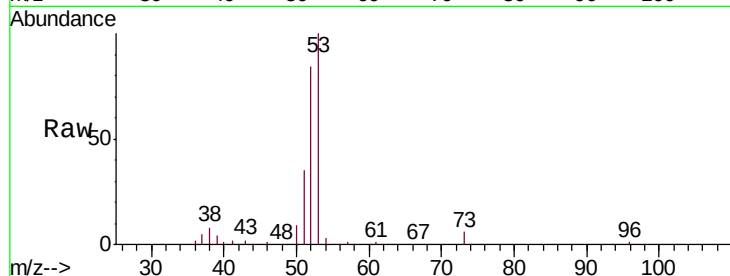
Tgt Ion: 53 Resp: 647992

Ion Ratio Lower Upper

53 100

52 83.8 66.6 100.0

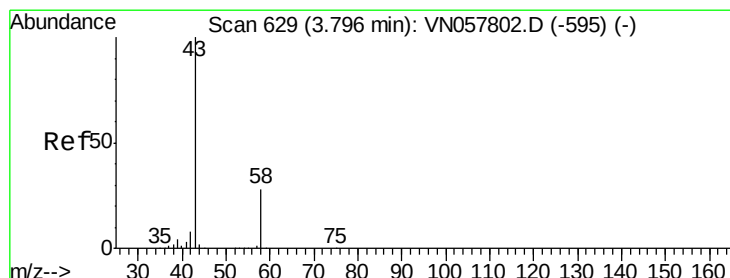
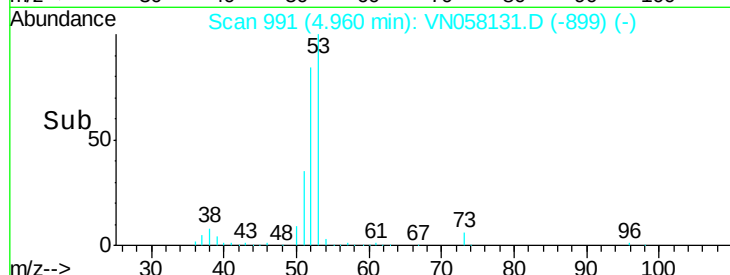
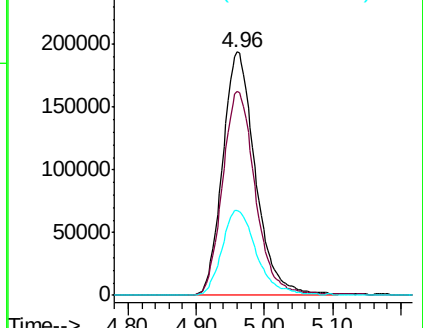
51 37.0 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 266.255 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058131.D

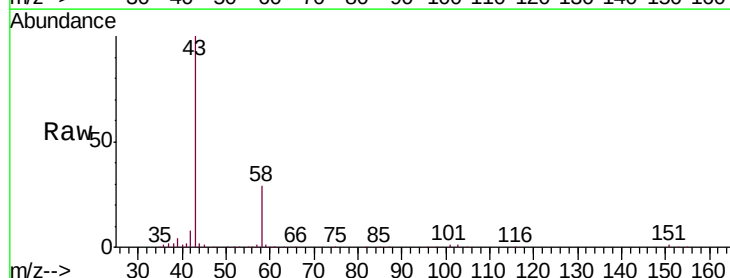
Acq: 16 Sep 2019 19:47

Tgt Ion: 43 Resp: 583014

Ion Ratio Lower Upper

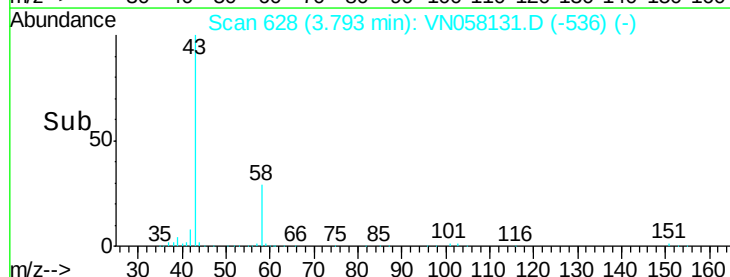
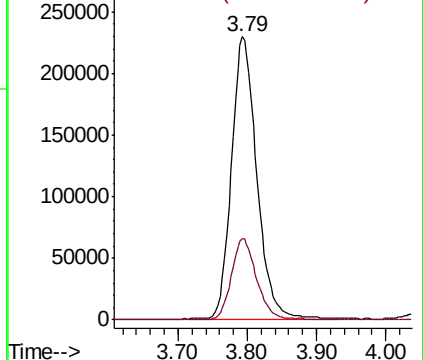
43 100

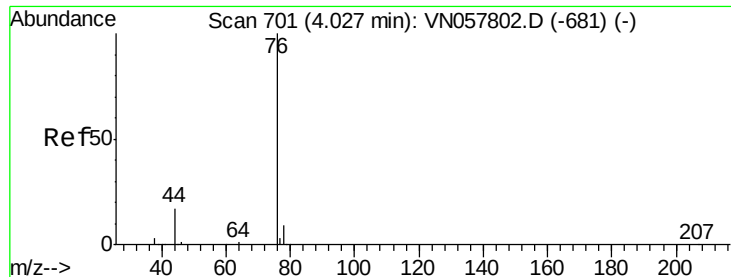
58 28.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 45.377 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.01 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampled :

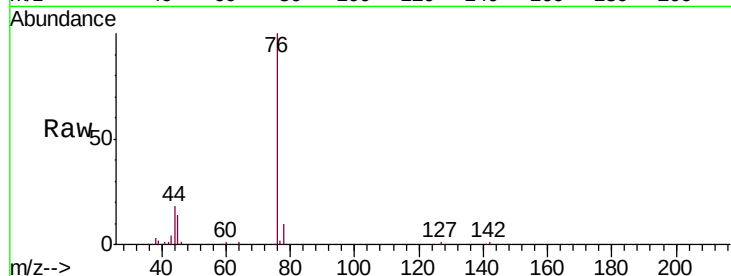
VE-4-11MSD

Tgt Ion: 76 Resp: 247925

Ion Ratio Lower Upper

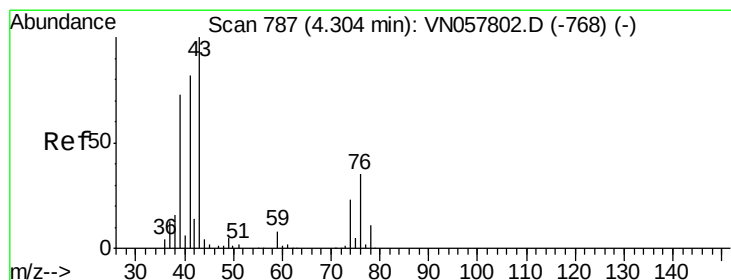
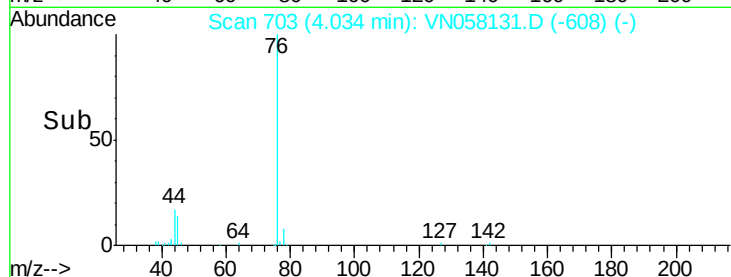
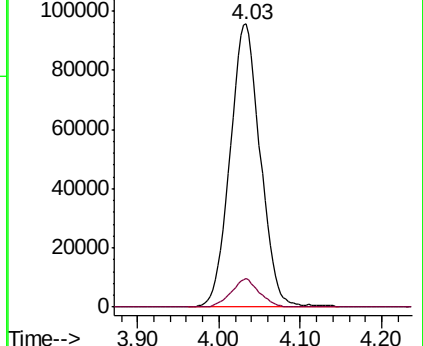
76 100

78 10.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 61.244 ug/l

RT: 4.30 min Scan# 786

Delta R.T. -0.00 min

Lab File: VN058131.D

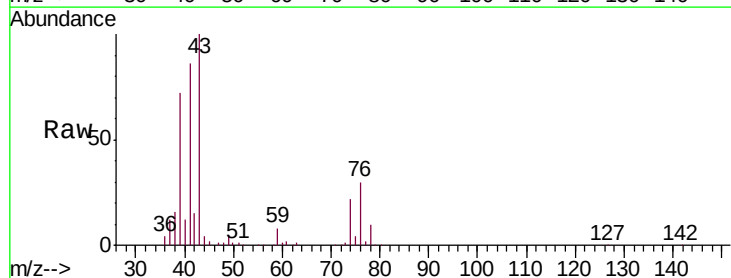
Acq: 16 Sep 2019 19:47

Tgt Ion: 43 Resp: 357562

Ion Ratio Lower Upper

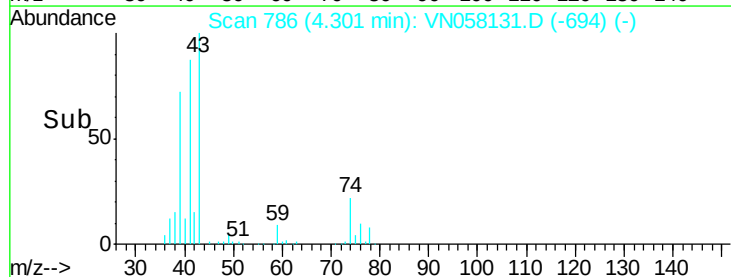
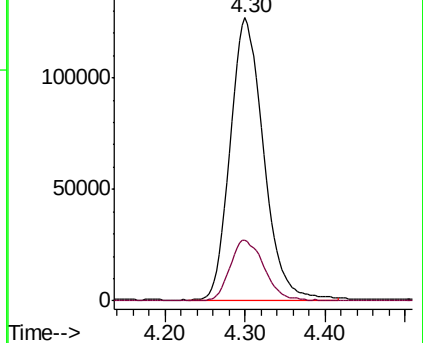
43 100

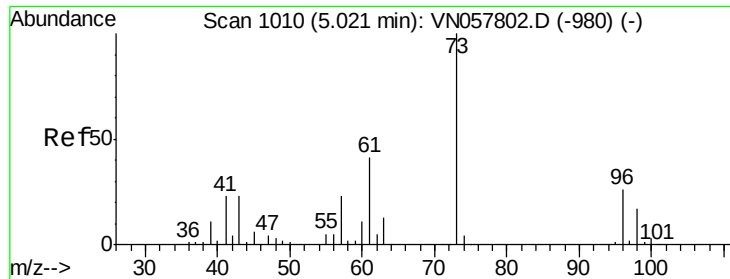
74 22.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

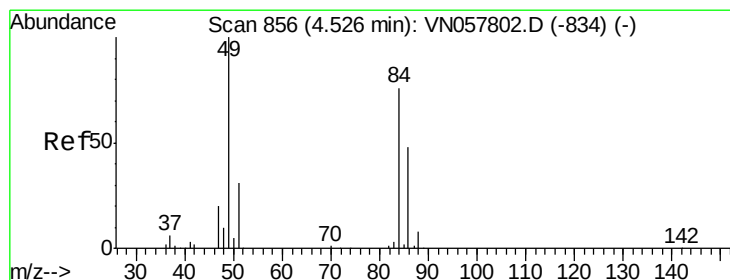
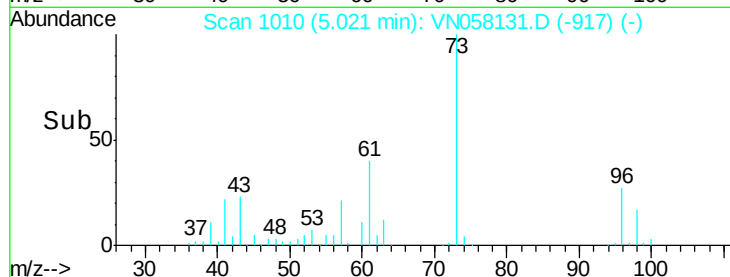
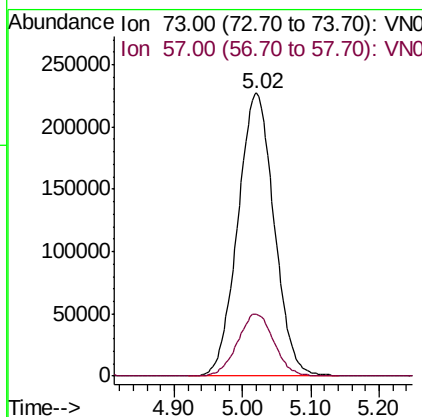
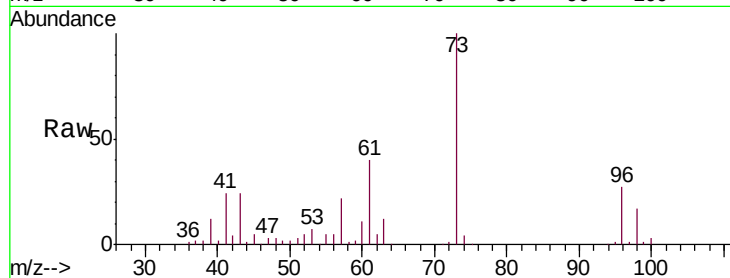




#19
Methyl tert-butyl Ether
Concen: 57.464 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

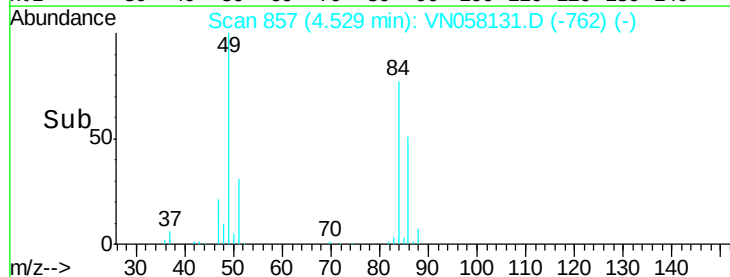
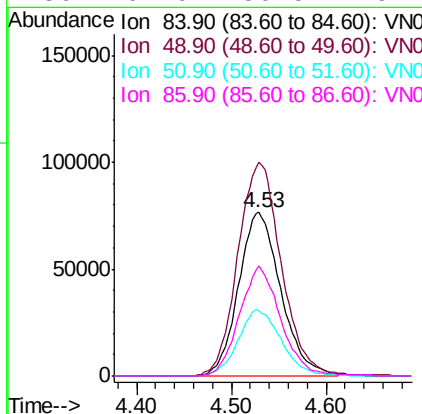
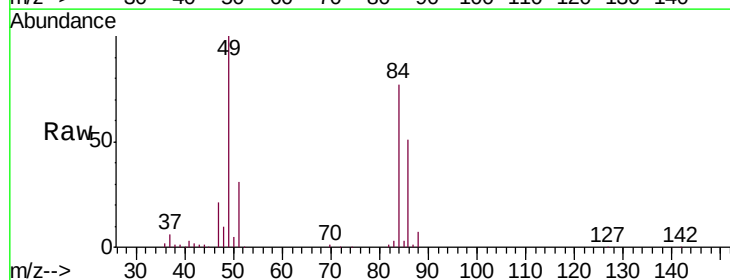
Instrument :
MSVOA_N
ClientSampled :
VE-4-11MSD

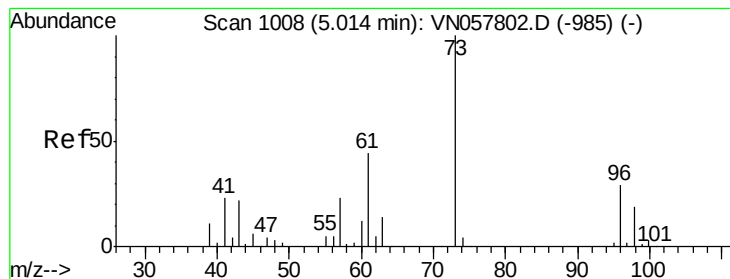
Tgt Ion: 73 Resp: 839783
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.2



#20
Methylene Chloride
Concen: 57.046 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion: 84 Resp: 237076
Ion Ratio Lower Upper
84 100
49 130.5 104.8 157.2
51 40.0 33.0 49.4
86 67.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 50.933 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MSD

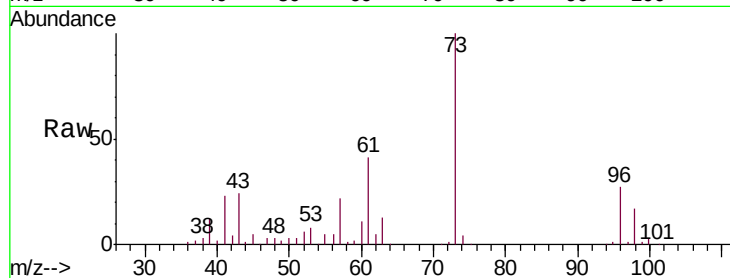
Tgt Ion: 96 Resp: 193346

Ion Ratio Lower Upper

96 100

61 151.0 121.9 182.9

98 62.0 52.2 78.4

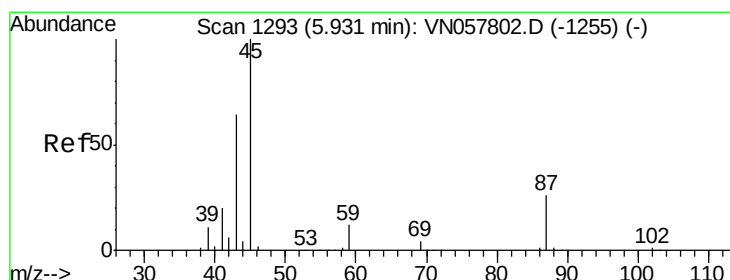
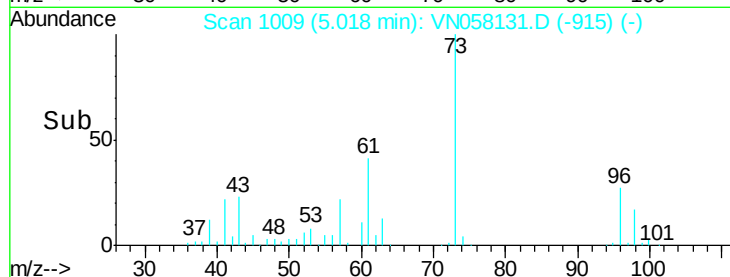
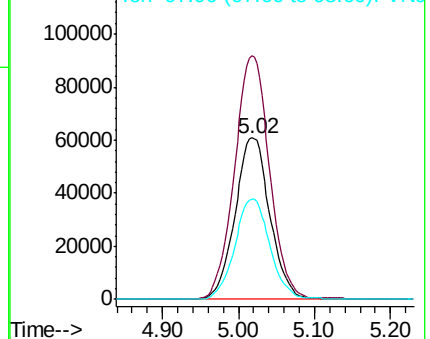


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 56.813 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Tgt Ion: 45 Resp: 915608

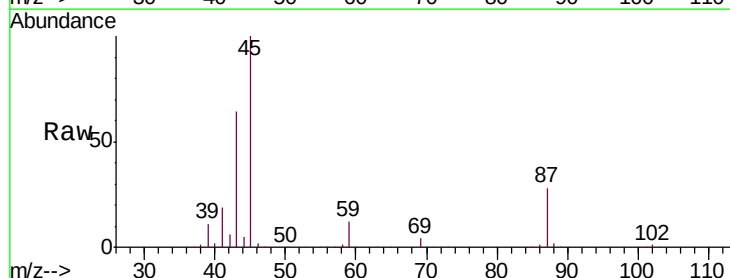
Ion Ratio Lower Upper

45 100

43 62.9 51.4 77.2

87 27.5 21.3 31.9

59 11.6 9.3 13.9



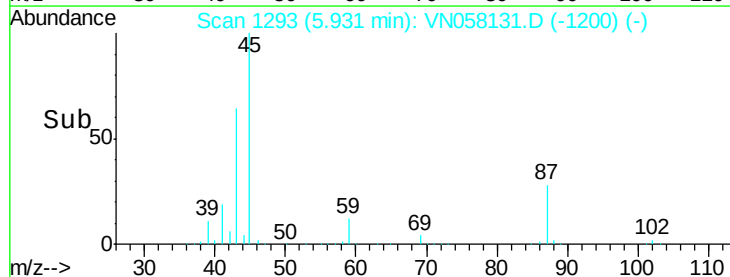
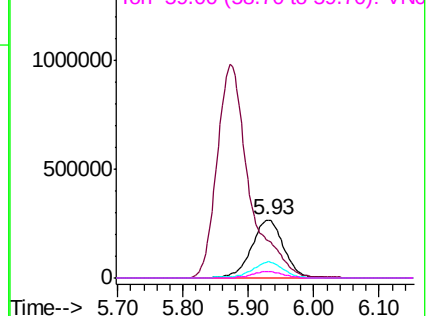
Abundance

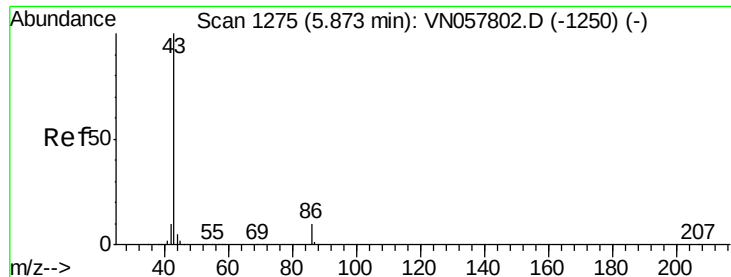
Ion 45.00 (44.70 to 45.70): VN0

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: 293.133 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampled :

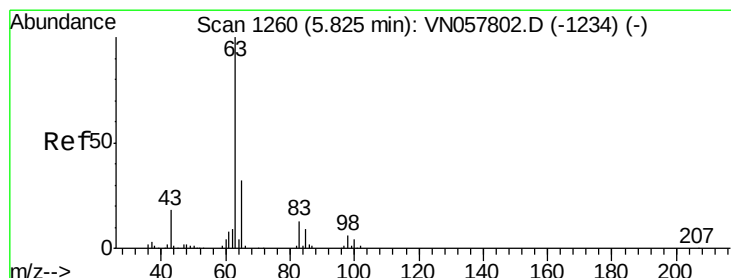
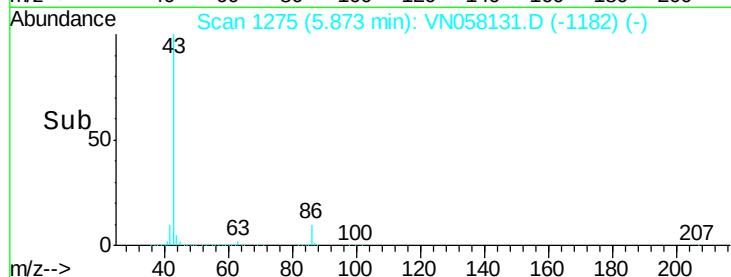
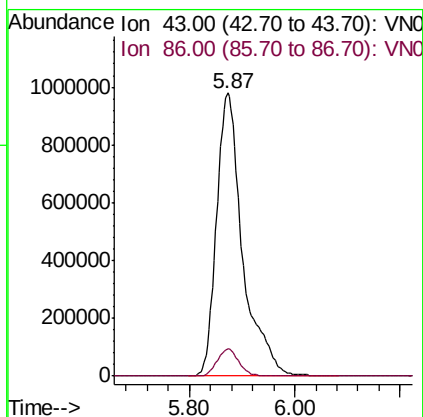
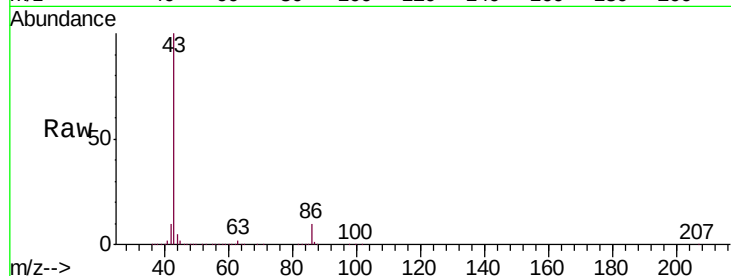
VE-4-11MSD

Tgt Ion: 43 Resp: 3348033

Ion Ratio Lower Upper

43 100

86 9.5 7.7 11.5



#24

1,1-Dichloroethane

Concen: 54.523 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

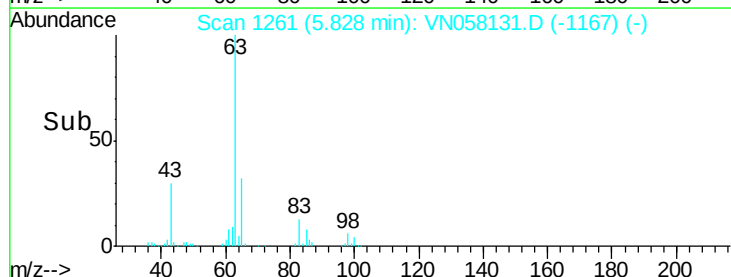
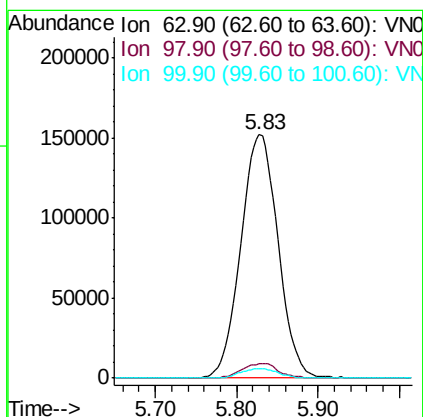
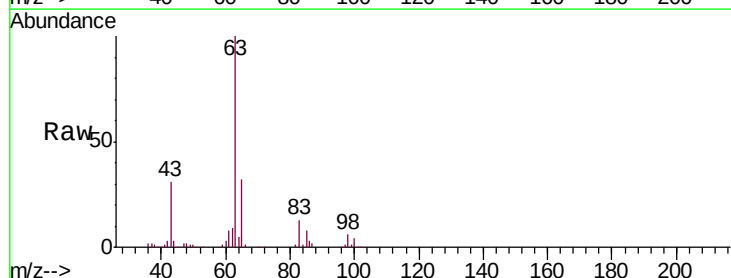
Tgt Ion: 63 Resp: 480236

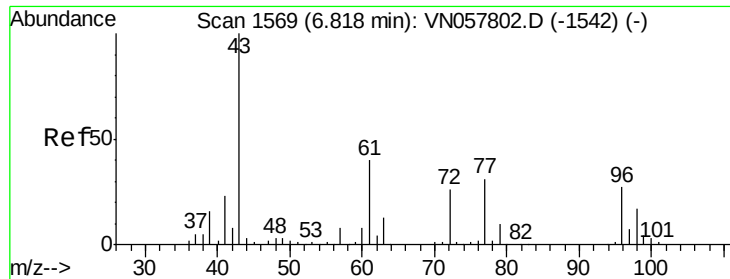
Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 4.1 2.0 5.8

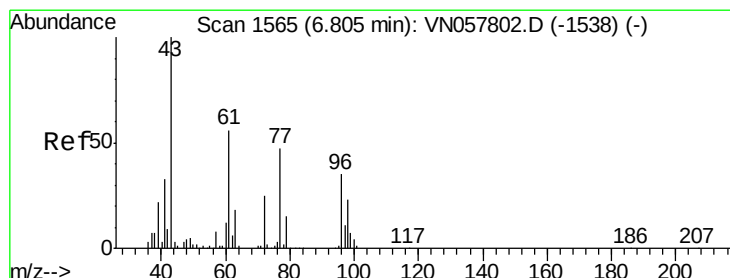
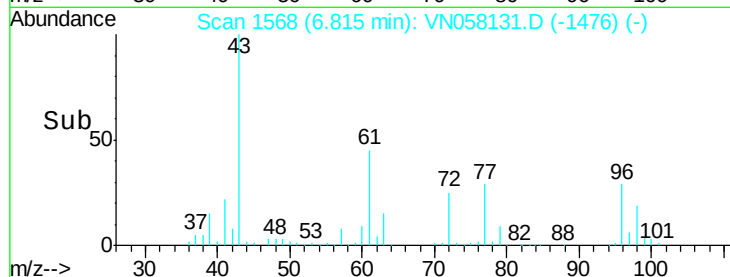
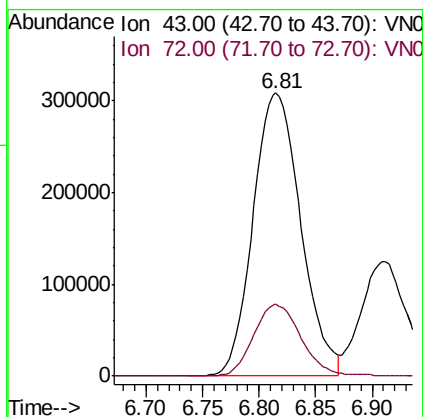
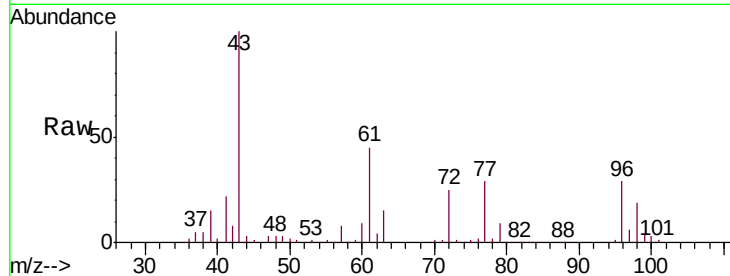




#25
2-Butanone
Concen: 283.709 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

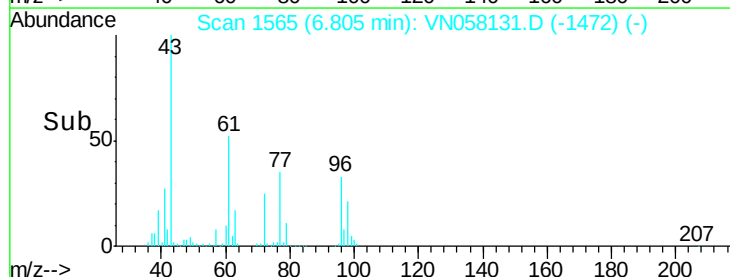
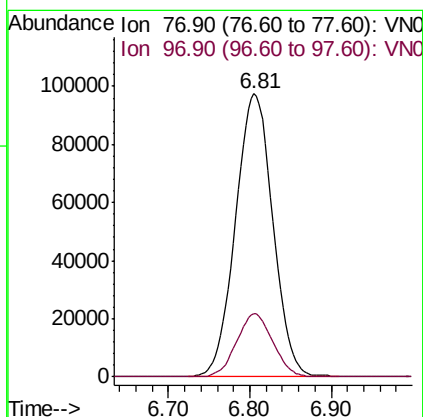
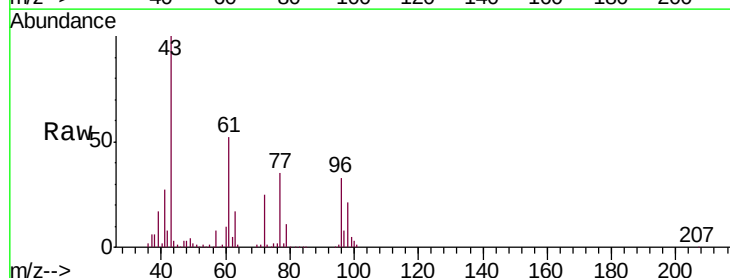
Instrument :
MSVOA_N
ClientSampled :
VE-4-11MSD

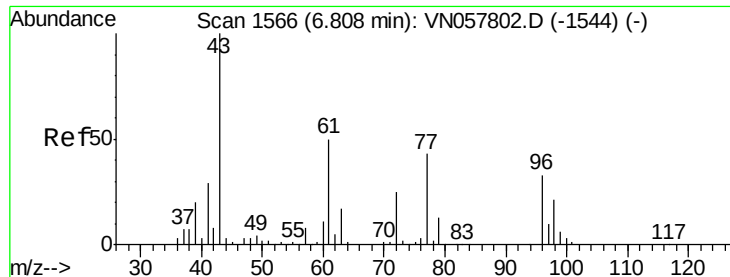
Tgt Ion: 43 Resp: 899141
Ion Ratio Lower Upper
43 100
72 25.4 20.6 30.8



#26
2,2-Dichloropropane
Concen: 44.388 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion: 77 Resp: 309401
Ion Ratio Lower Upper
77 100
97 21.7 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 53.558 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MSD

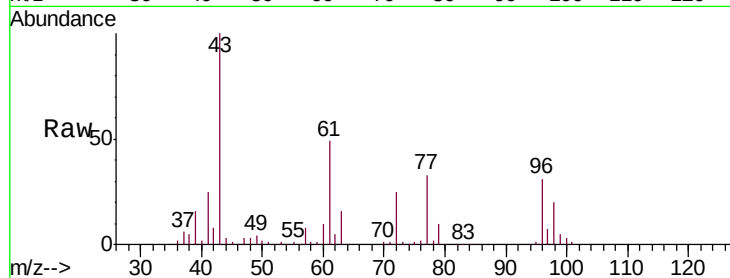
Tgt Ion: 96 Resp: 272462

Ion Ratio Lower Upper

96 100

61 156.9 0.0 314.0

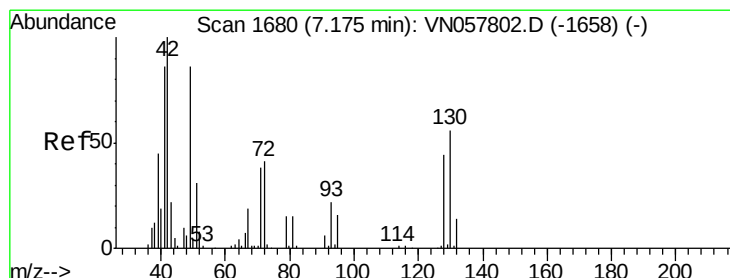
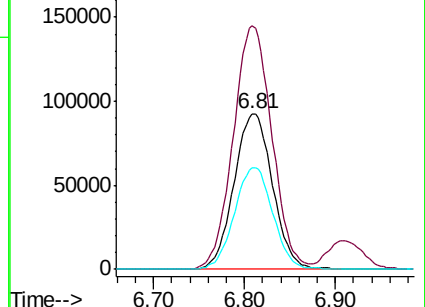
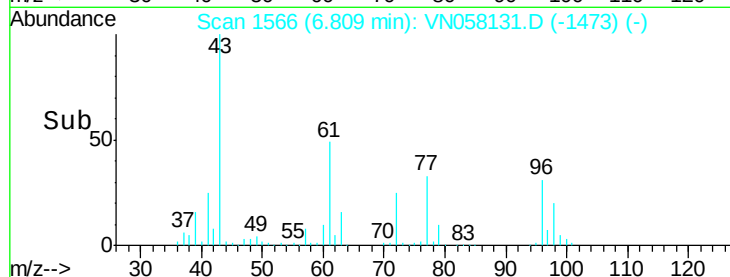
98 65.3 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN058131.D (-1473) (-)

Ion 60.90 (60.60 to 61.60): VN058131.D (-1473) (-)

Ion 97.90 (97.60 to 98.60): VN058131.D (-1473) (-)



#28

Bromochloromethane

Concen: 55.251 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

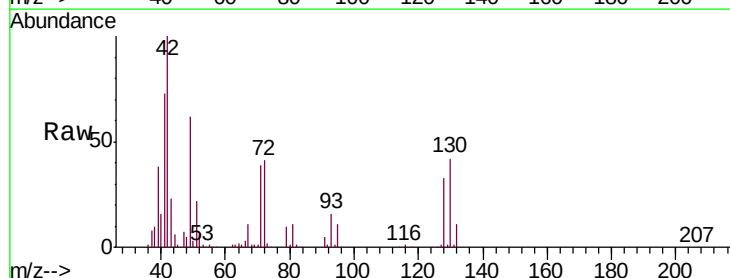
Tgt Ion: 49 Resp: 243120

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

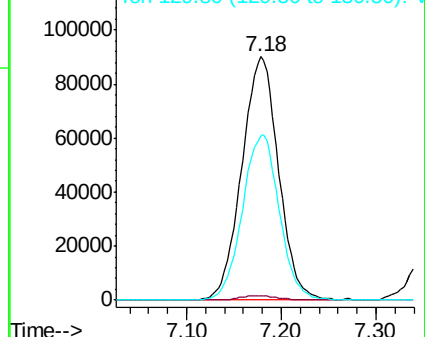
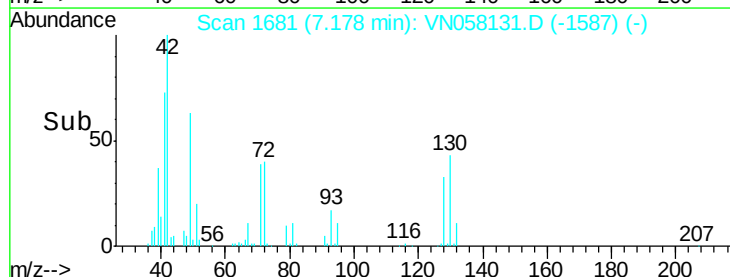
130 68.2 53.0 79.6

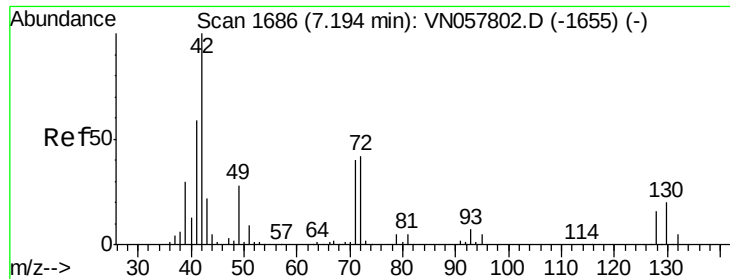


Abundance Ion 48.90 (48.60 to 49.60): VN058131.D (-1587) (-)

Ion 128.80 (128.50 to 129.50): VN058131.D (-1587) (-)

Ion 129.80 (129.50 to 130.50): VN058131.D (-1587) (-)

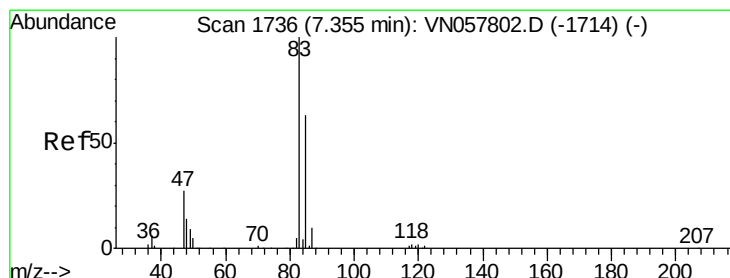
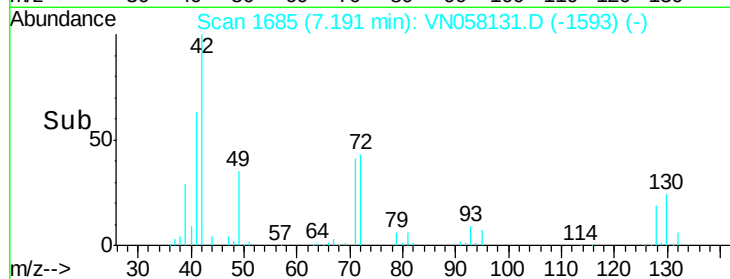
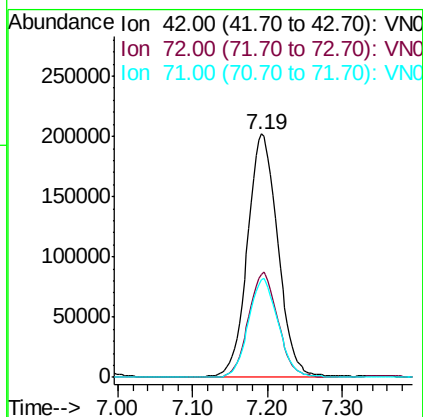
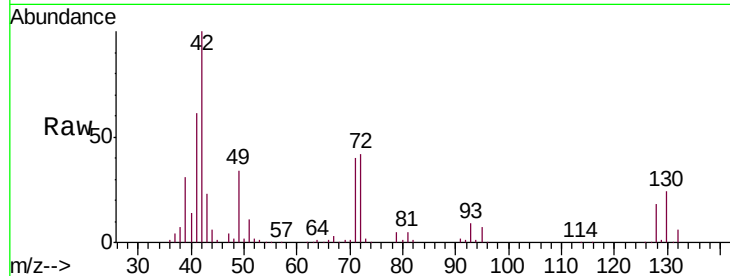




#29
Tetrahydrofuran
Concen: 292.651 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

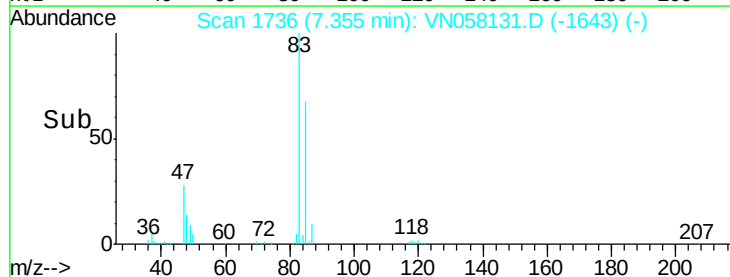
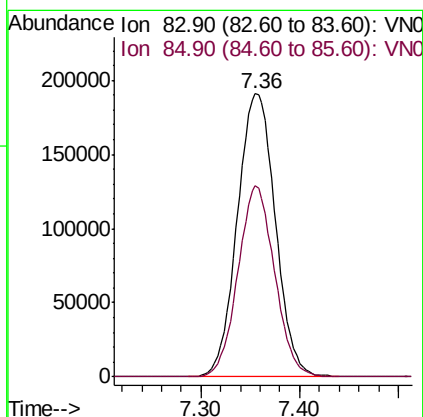
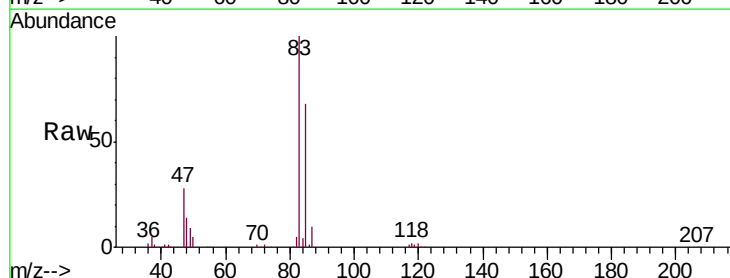
Instrument :
MSVOA_N
ClientSampled :
VE-4-11MSD

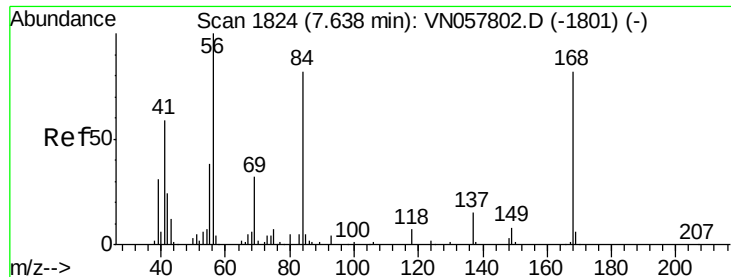
Tgt Ion: 42 Resp: 571518
Ion Ratio Lower Upper
42 100
72 41.9 33.7 50.5
71 39.8 31.9 47.9



#30
Chloroform
Concen: 55.390 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion: 83 Resp: 510114
Ion Ratio Lower Upper
83 100
85 67.6 50.6 75.8

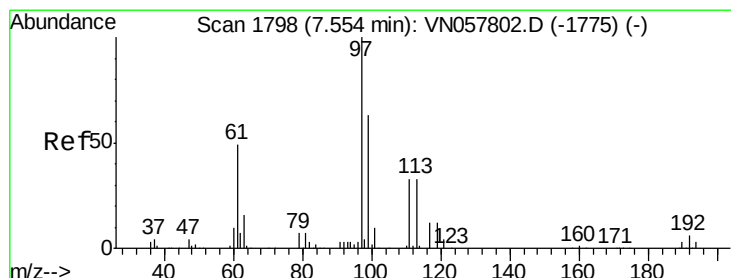
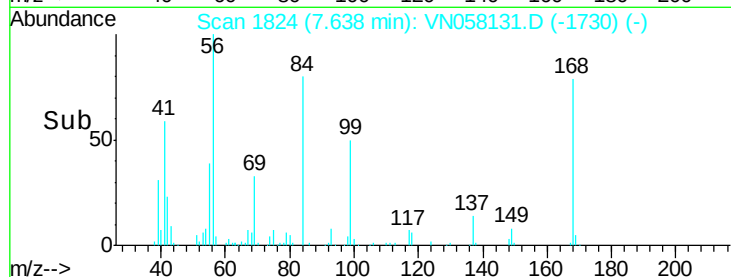
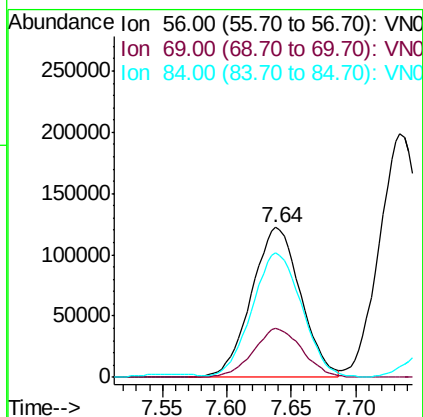
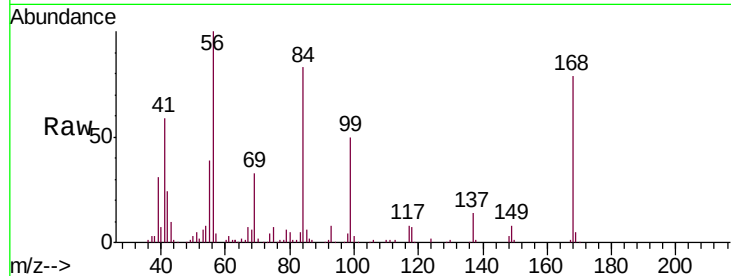




#31
Cyclohexane
Concen: 54.363 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

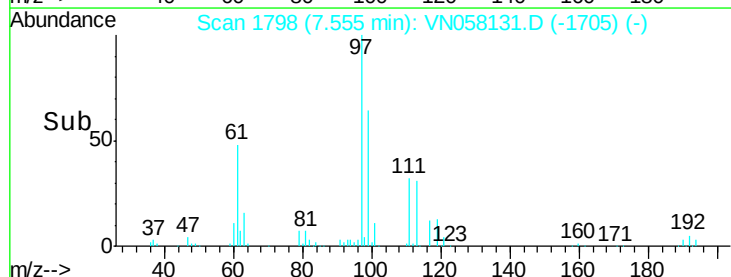
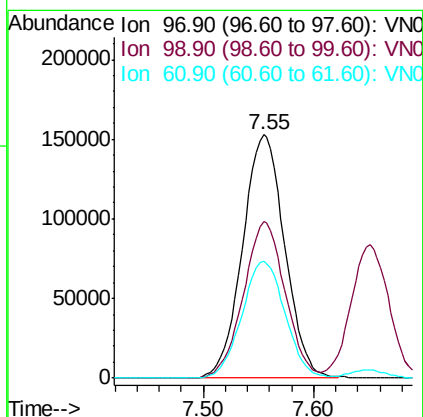
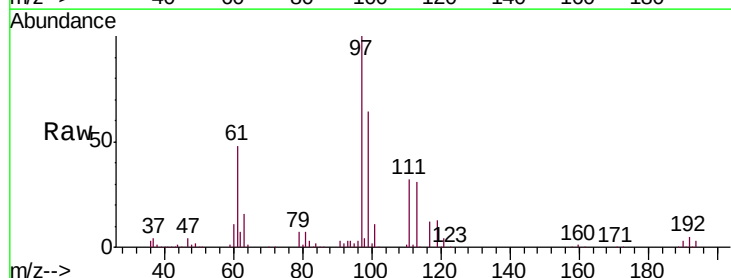
Instrument :
MSVOA_N
ClientSampled :
VE-4-11MSD

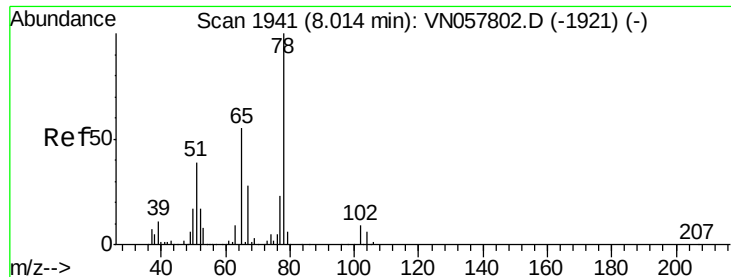
Tgt Ion: 56 Resp: 325130
Ion Ratio Lower Upper
56 100
69 32.8 25.9 38.9
84 81.3 65.6 98.4



#32
1,1,1-Trichloroethane
Concen: 55.294 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion: 97 Resp: 403870
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 49.4 39.0 58.6

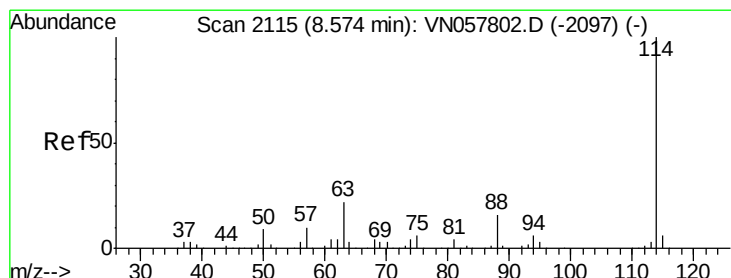
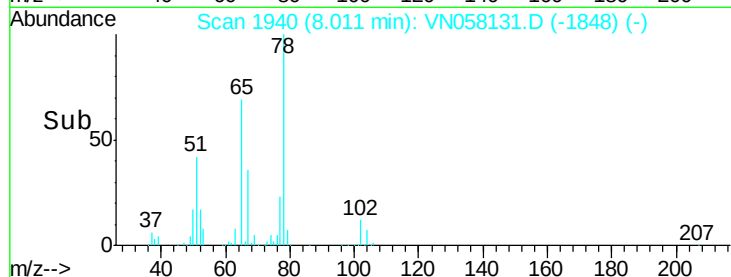
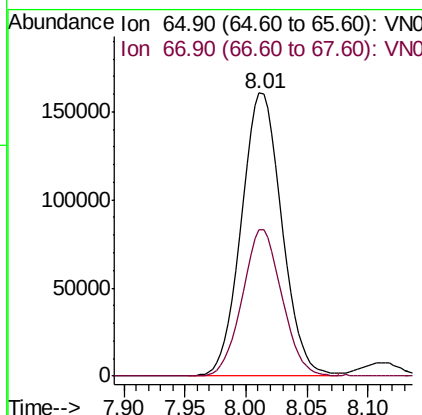
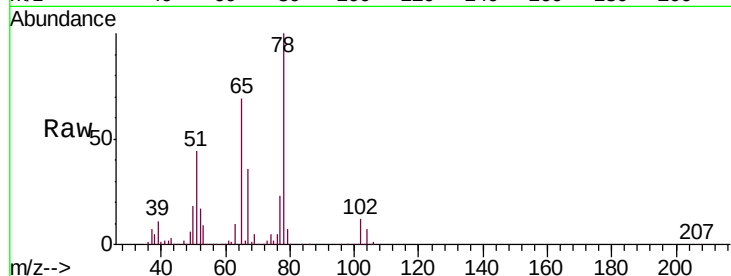




#33
 1,2-Dichloroethane-d4
 Concen: 55.179 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

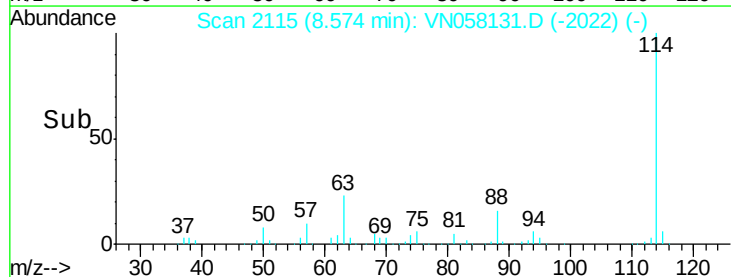
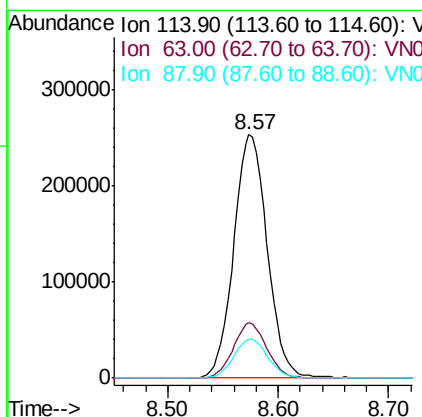
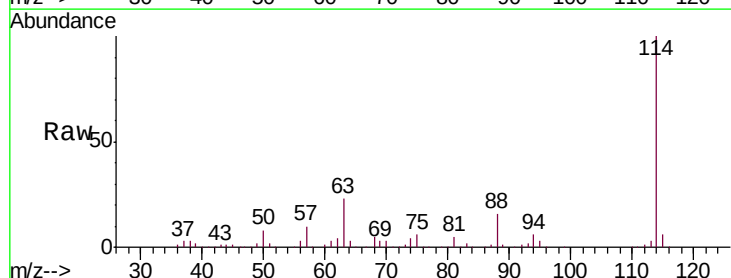
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MSD

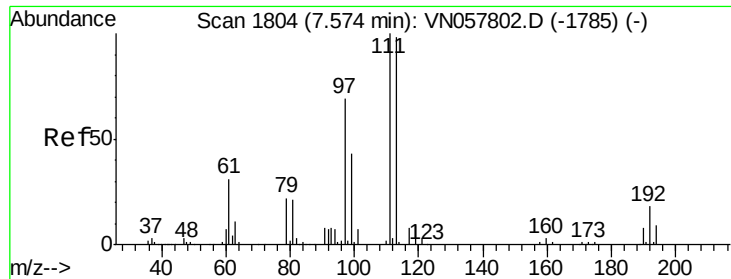
Tgt Ion: 65 Resp: 368573
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

Tgt Ion: 114 Resp: 532899
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.0
 88 16.2 0.0 31.4

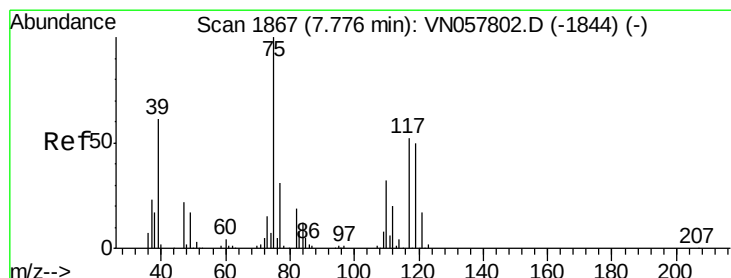
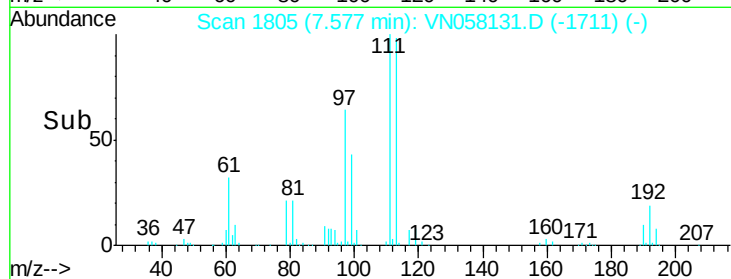
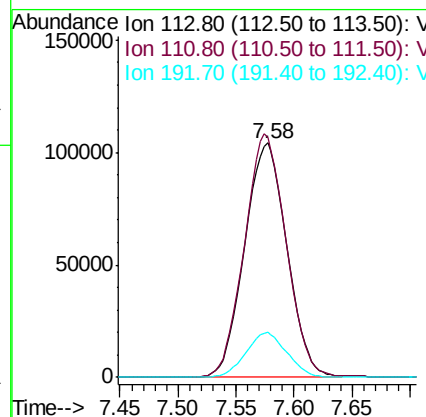
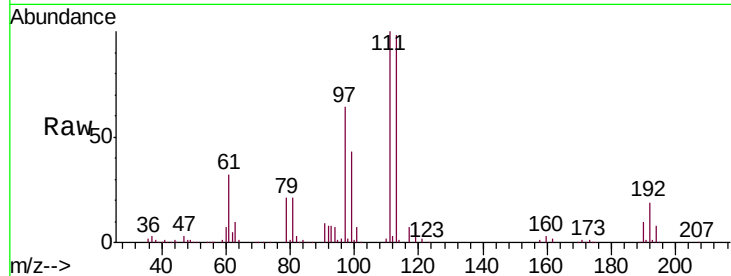




#35
 Dibromofluoromethane
 Concen: 53.827 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

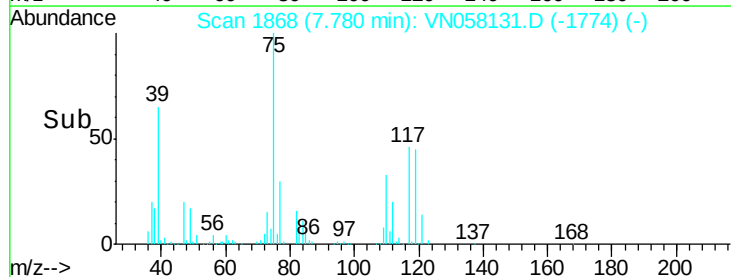
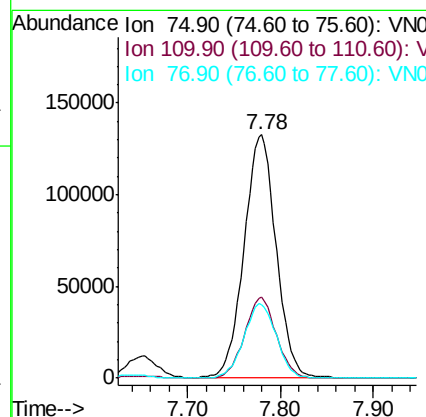
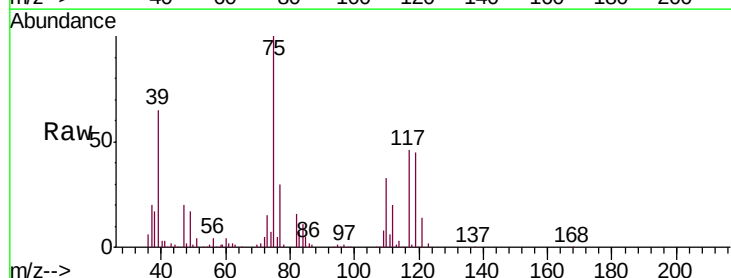
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MSD

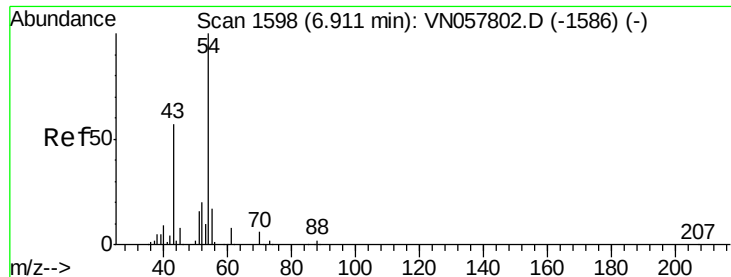
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.3	121.9
192	18.6	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 51.089 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.3	48.9
77	31.3	25.0	37.4

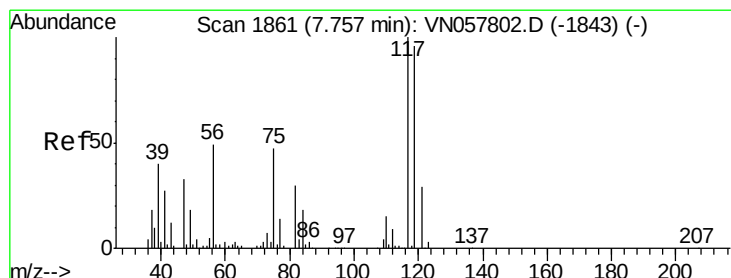
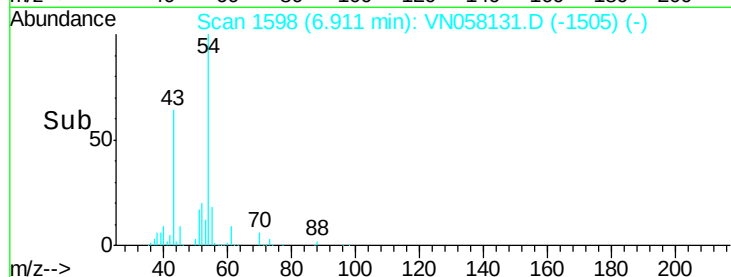
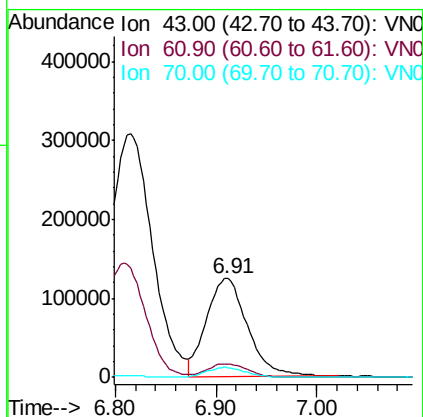
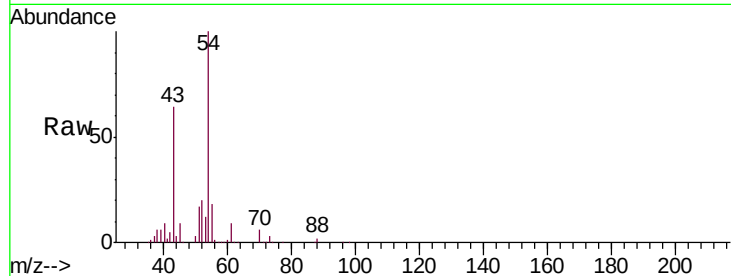




#37
 Ethyl Acetate
 Concen: 54.976 ug/l
 RT: 6.91 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

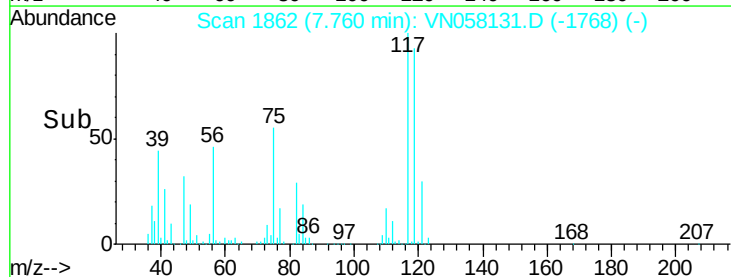
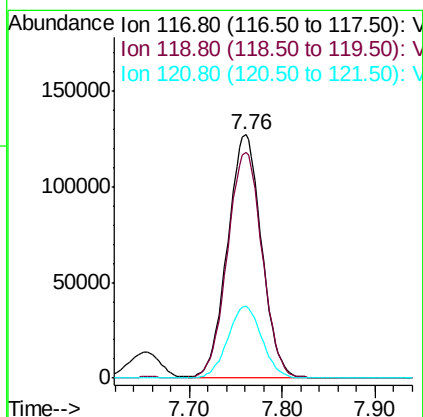
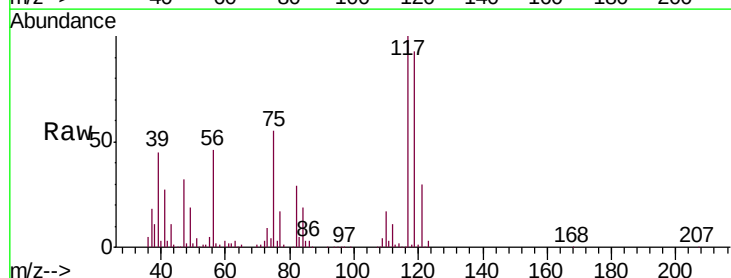
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MSD

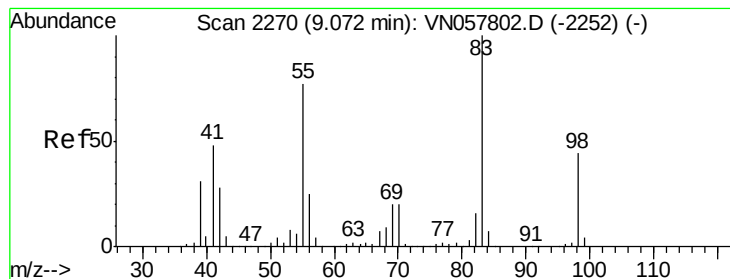
Tgt Ion: 43 Resp: 351038
 Ion Ratio Lower Upper
 43 100
 61 13.5 10.5 15.7
 70 9.8 7.4 11.0



#38
 Carbon Tetrachloride
 Concen: 57.528 ug/l
 RT: 7.76 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

Tgt Ion: 117 Resp: 324604
 Ion Ratio Lower Upper
 117 100
 119 92.8 76.9 115.3
 121 29.5 23.4 35.2





#39

Methylcyclohexane

Concen: 48.882 ug/l

RT: 9.07 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MSD

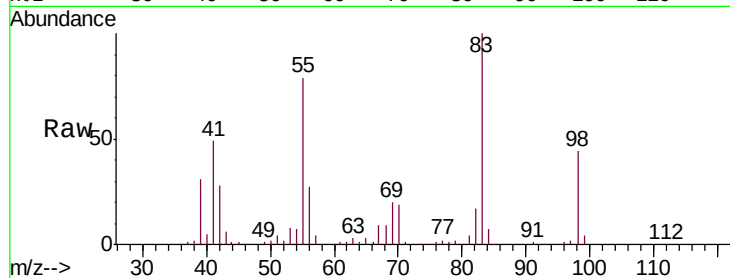
Tgt Ion: 83 Resp: 317575

Ion Ratio Lower Upper

83 100

55 79.3 61.6 92.4

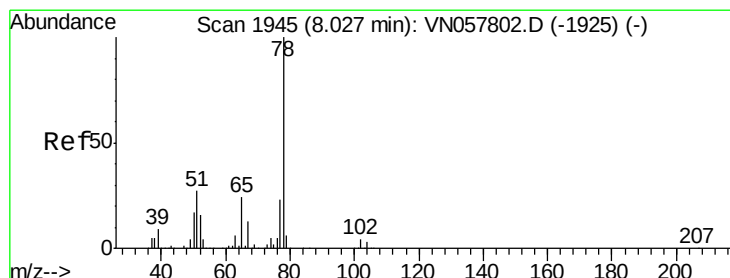
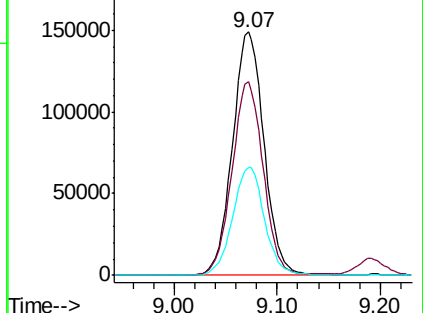
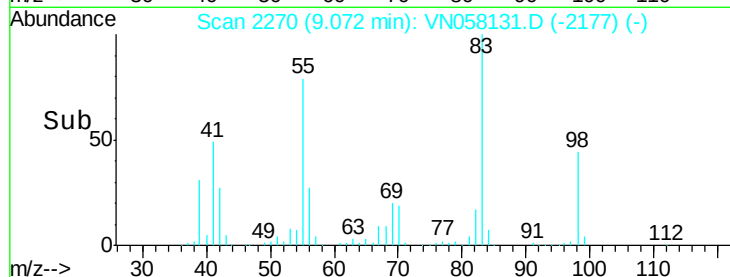
98 44.5 34.9 52.3



Abundance Ion 83.00 (82.70 to 83.70): VN058131.D (-2177) (-)

Ion 55.00 (54.70 to 55.70): VN058131.D (-2177) (-)

Ion 98.00 (97.70 to 98.70): VN058131.D (-2177) (-)



#40

Benzene

Concen: 53.539 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN058131.D

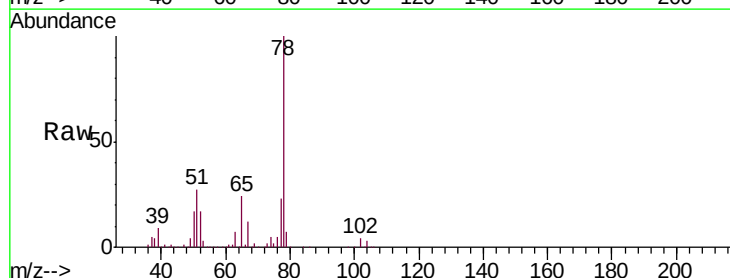
Acq: 16 Sep 2019 19:47

Tgt Ion: 78 Resp: 996182

Ion Ratio Lower Upper

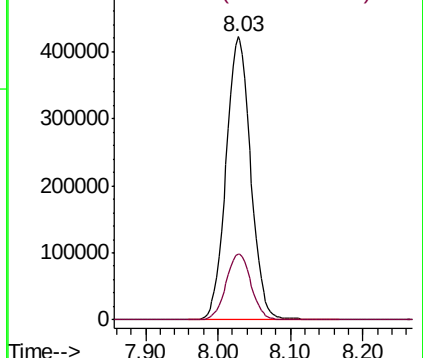
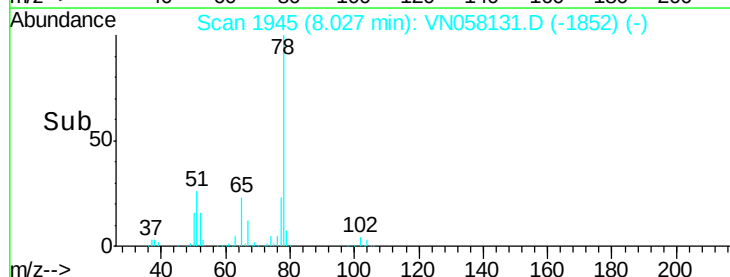
78 100

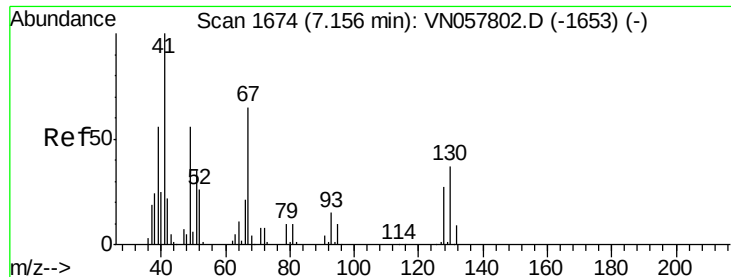
77 23.2 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN058131.D (-1852) (-)

Ion 77.00 (76.70 to 77.70): VN058131.D (-1852) (-)





#41

Methacrylonitrile

Concen: 62.389 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MSD

Tgt Ion: 41 Resp: 180834

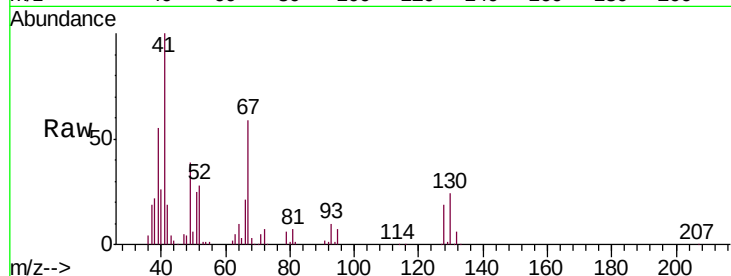
Ion Ratio Lower Upper

41 100

39 65.4 51.0 76.6

67 81.7 70.7 106.1

52 37.8 30.8 46.2

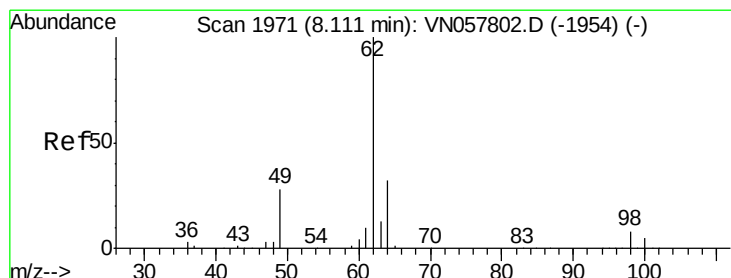
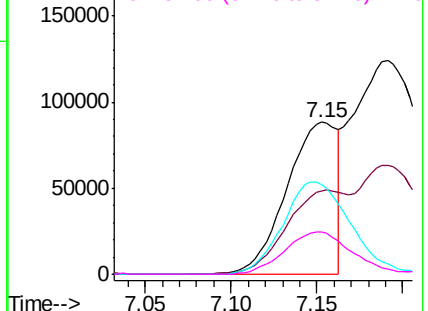
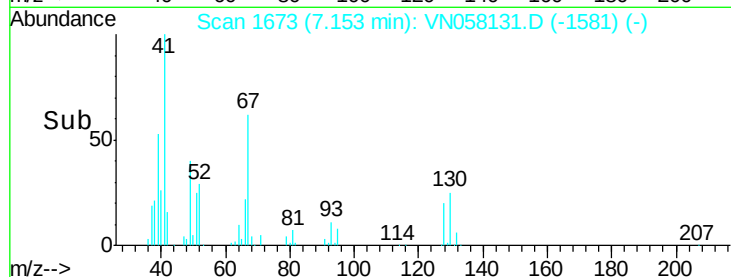


Abundance Ion 41.00 (40.70 to 41.70): VN058131.D (-1581) (-)

Ion 39.00 (38.70 to 39.70): VN058131.D (-1581) (-)

Ion 67.00 (66.70 to 67.70): VN058131.D (-1581) (-)

Ion 52.00 (51.70 to 52.70): VN058131.D (-1581) (-)



#42

1,2-Dichloroethane

Concen: 56.734 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VN058131.D

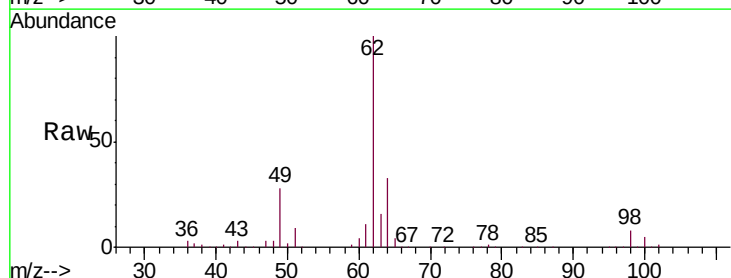
Acq: 16 Sep 2019 19:47

Tgt Ion: 62 Resp: 422177

Ion Ratio Lower Upper

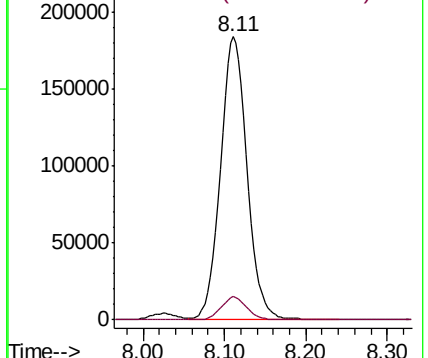
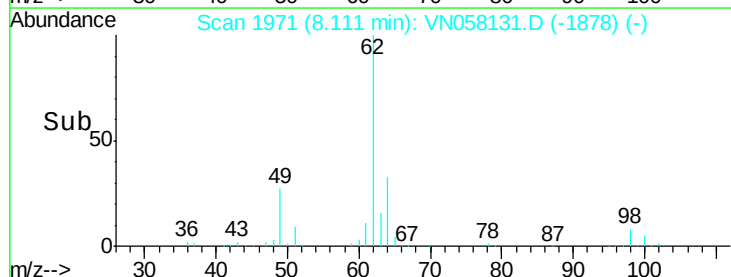
62 100

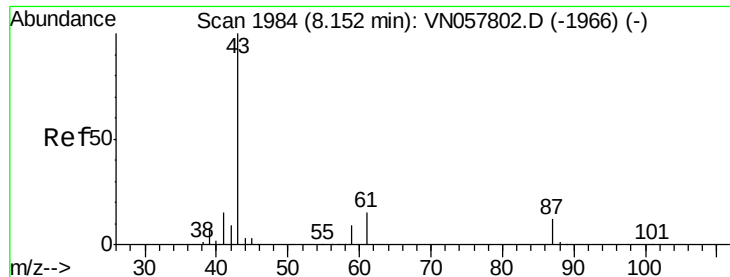
98 7.8 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN058131.D (-1878) (-)

Ion 97.90 (97.60 to 98.60): VN058131.D (-1878) (-)





#43

Isopropyl Acetate

Concen: 62.033 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MSD

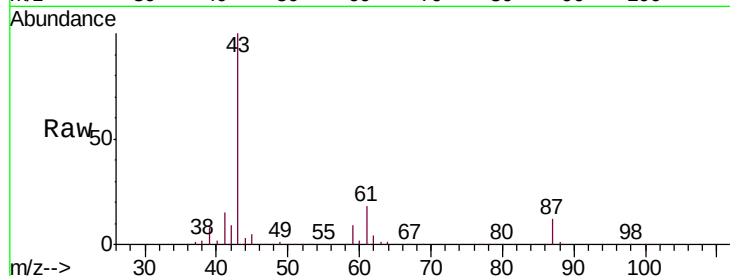
Tgt Ion: 43 Resp: 666109

Ion Ratio Lower Upper

43 100

61 24.1 20.1 30.1

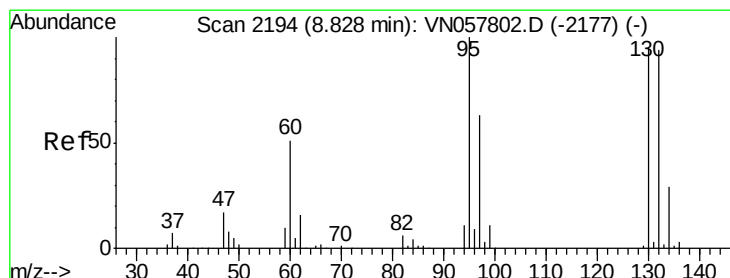
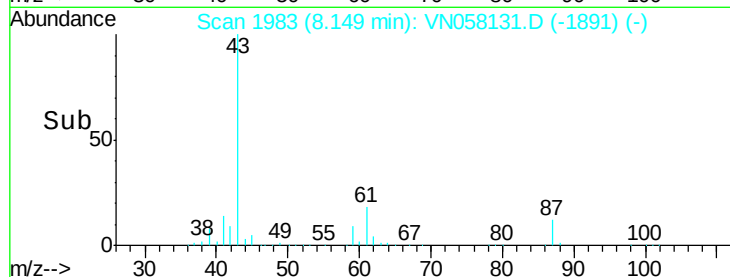
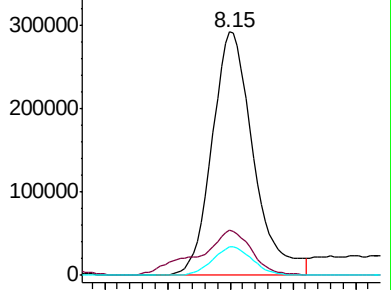
87 11.3 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN058131.D (-2101) (-)

Ion 61.00 (60.70 to 61.70): VN058131.D (-2101) (-)

Ion 87.00 (86.70 to 87.70): VN058131.D (-2101) (-)



#44

Trichloroethene

Concen: 52.984 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058131.D

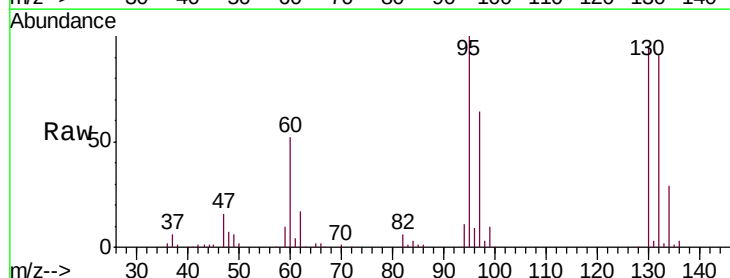
Acq: 16 Sep 2019 19:47

Tgt Ion: 130 Resp: 241798

Ion Ratio Lower Upper

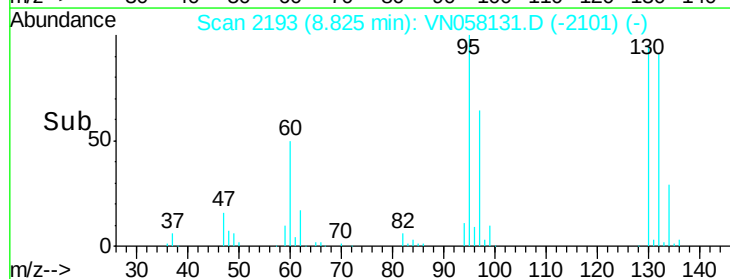
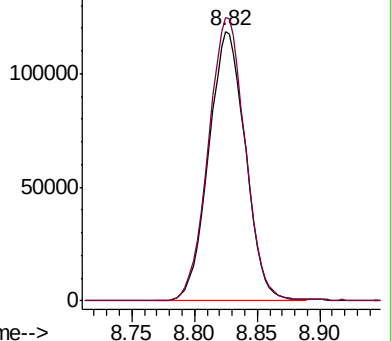
130 100

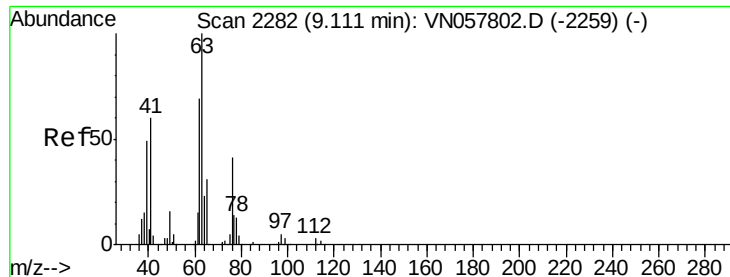
95 105.0 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): VN058131.D (-2101) (-)

Ion 94.90 (94.60 to 95.60): VN058131.D (-2101) (-)

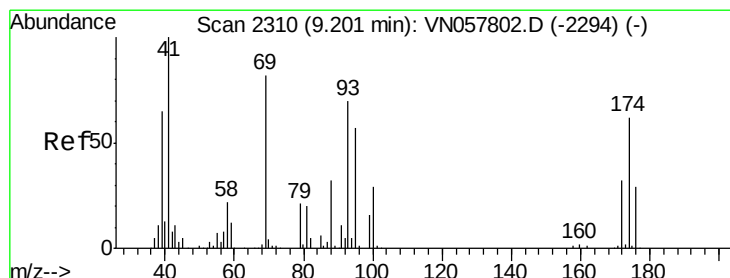
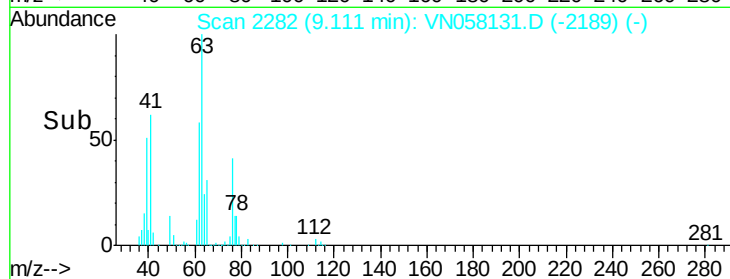
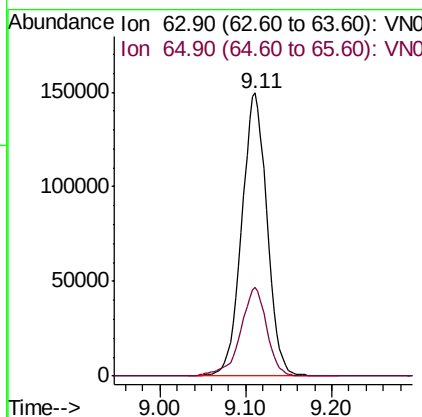
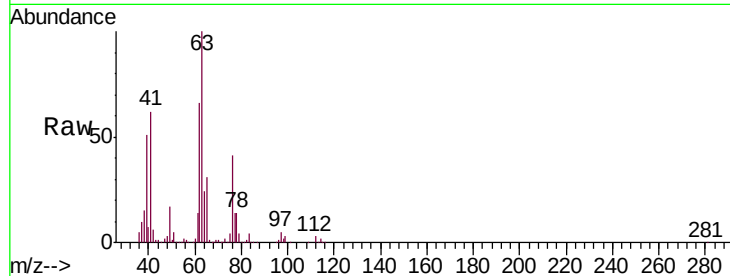




#45
 1,2-Dichloropropane
 Concen: 56.369 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

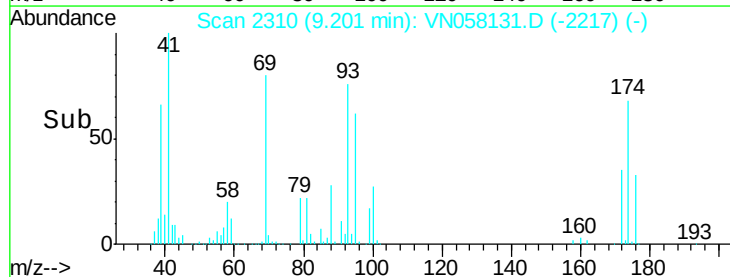
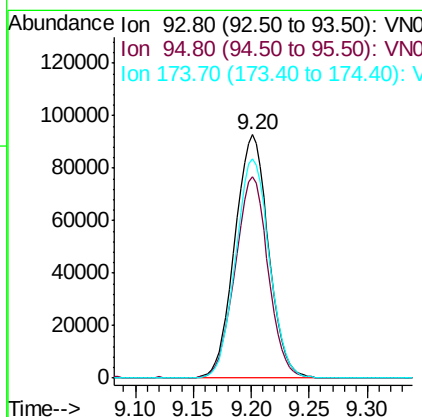
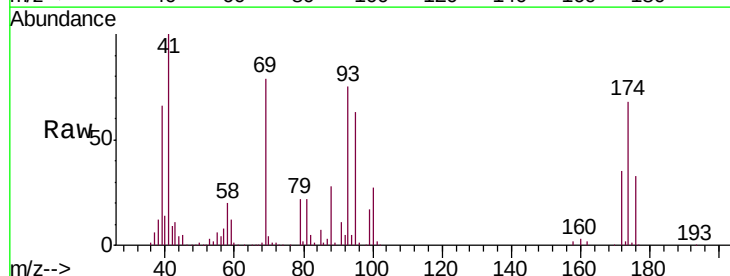
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MSD

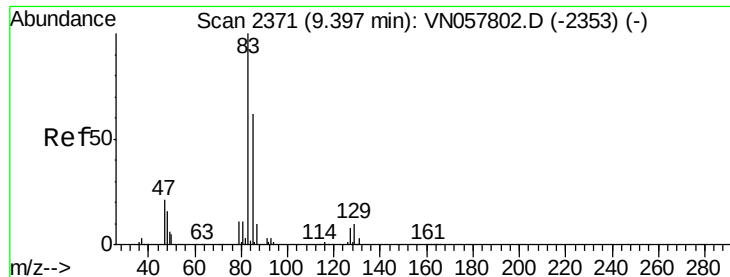
Tgt Ion: 63 Resp: 305191
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2



#46
 Dibromomethane
 Concen: 57.268 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

Tgt Ion: 93 Resp: 187363
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.9 98.9
 174 90.3 71.8 107.6





#47

Bromodichloromethane

Concen: 59.593 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MSD

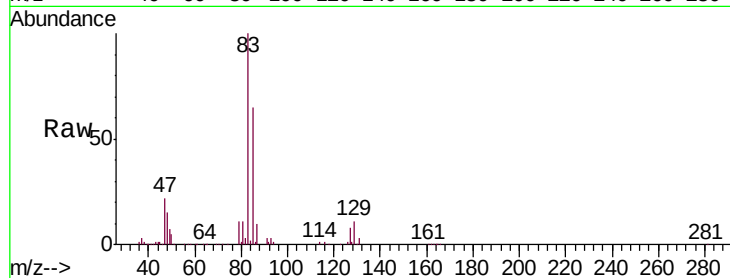
Tgt Ion: 83 Resp: 389334

Ion Ratio Lower Upper

83 100

85 65.5 49.9 74.9

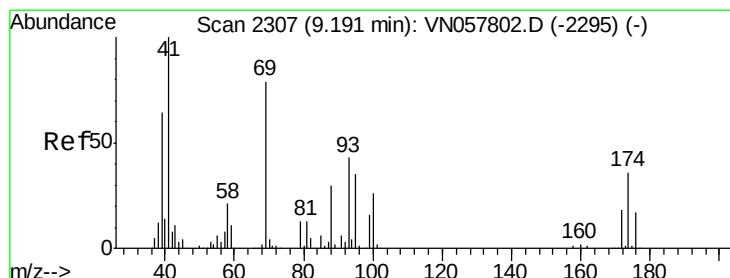
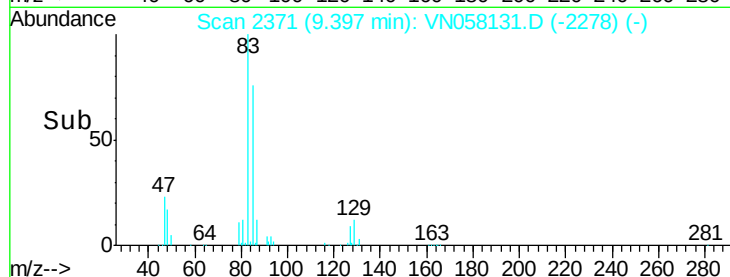
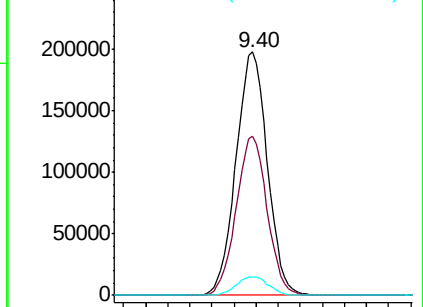
127 7.7 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN058131.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN058131.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN058131.D (-2278) (-)



#48

Methyl methacrylate

Concen: 56.472 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

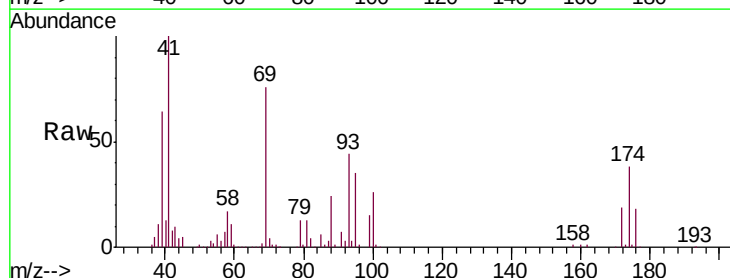
Tgt Ion: 41 Resp: 307603

Ion Ratio Lower Upper

41 100

69 78.1 62.7 94.1

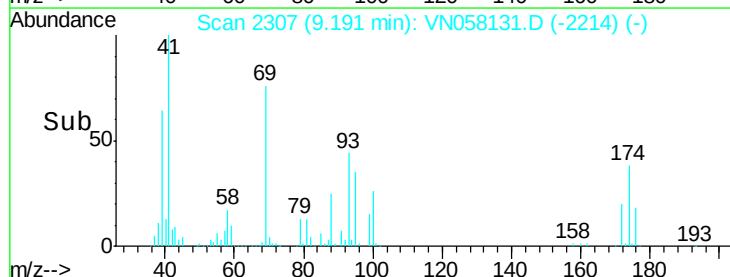
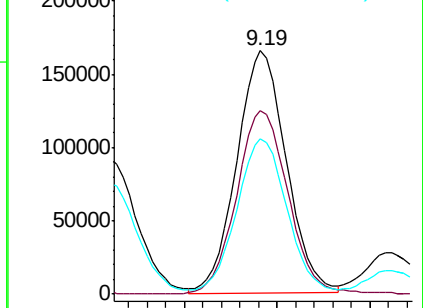
39 65.2 52.7 79.1

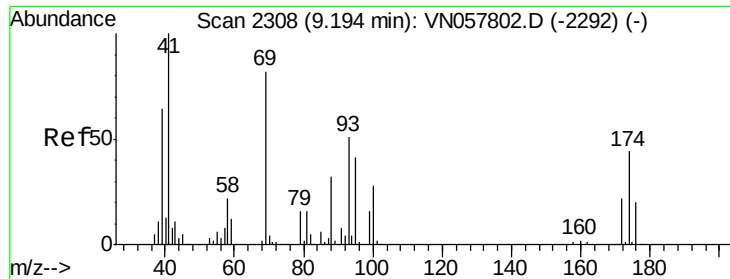


Abundance Ion 41.00 (40.70 to 41.70): VN058131.D (-2214) (-)

Ion 69.00 (68.70 to 69.70): VN058131.D (-2214) (-)

Ion 39.00 (38.70 to 39.70): VN058131.D (-2214) (-)

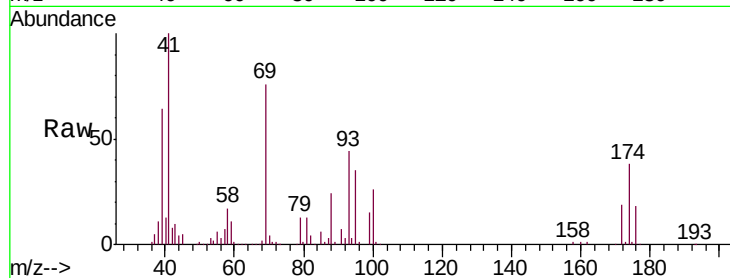




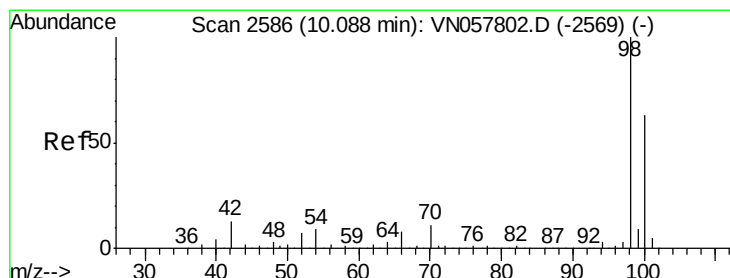
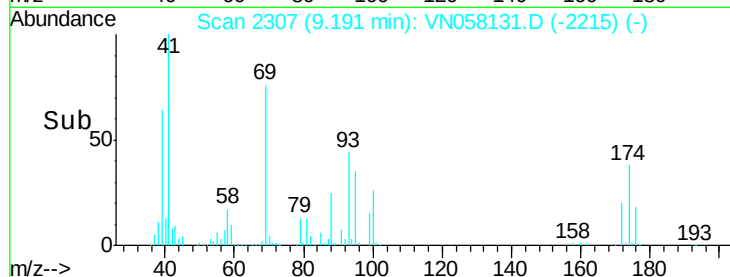
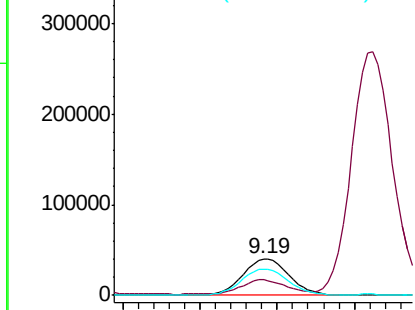
#49
1,4-Dioxane
Concen: 914.801 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MSD

Tgt Ion: 88 Resp: 84266
Ion Ratio Lower Upper
88 100
43 39.5 28.5 42.7
58 73.2 55.8 83.6

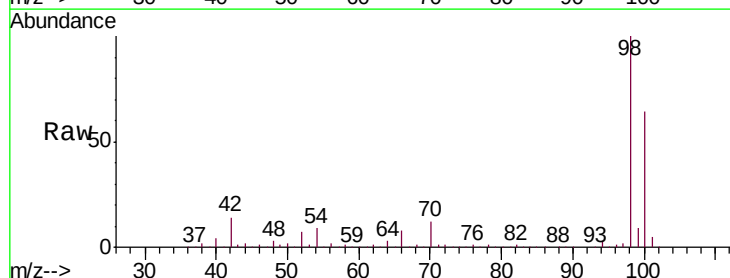


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

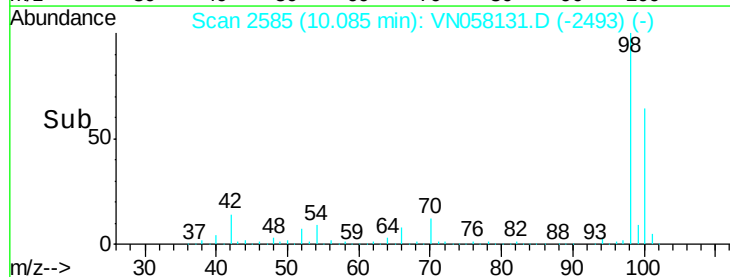
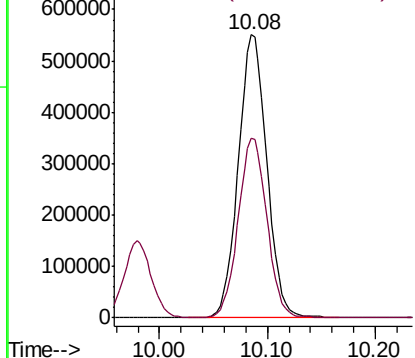


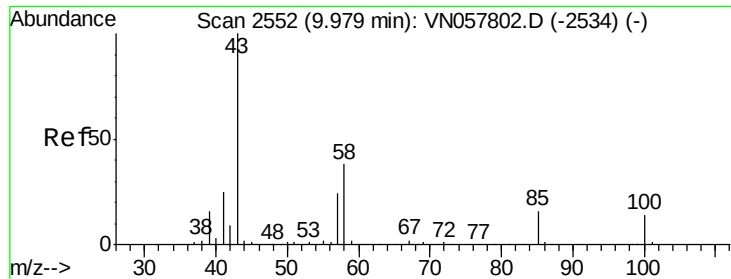
#50
Toluene-d8
Concen: 53.201 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion: 98 Resp: 1015920
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



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: 307.395 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

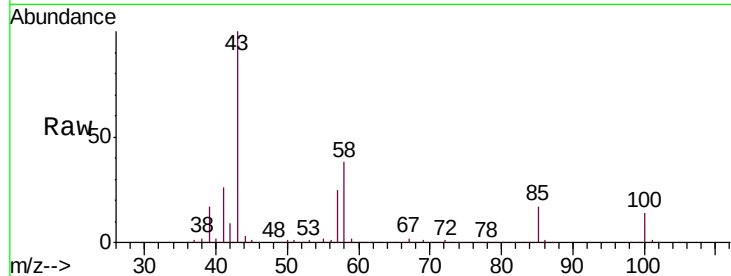
VE-4-11MSD

Tgt Ion: 43 Resp: 1953319

Ion Ratio Lower Upper

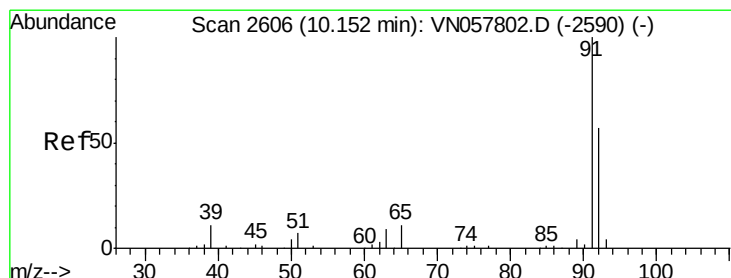
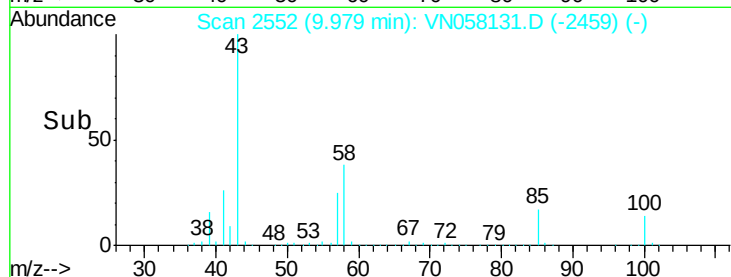
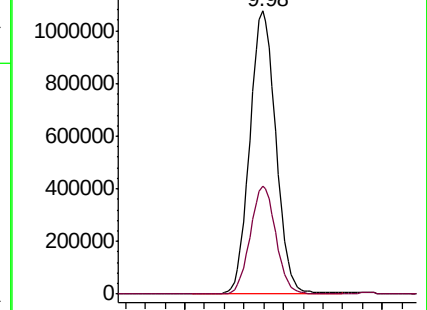
43 100

58 37.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-2534) (-)



#52

Toluene

Concen: 53.717 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.00 min

Lab File: VN058131.D

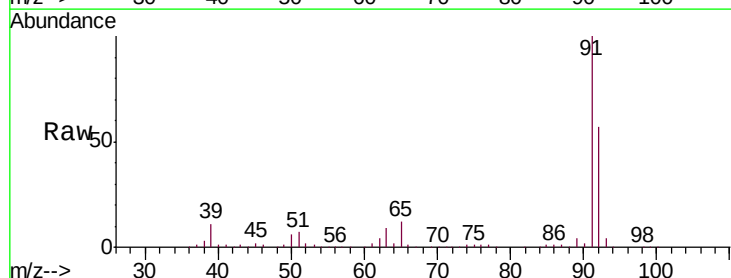
Acq: 16 Sep 2019 19:47

Tgt Ion: 92 Resp: 629510

Ion Ratio Lower Upper

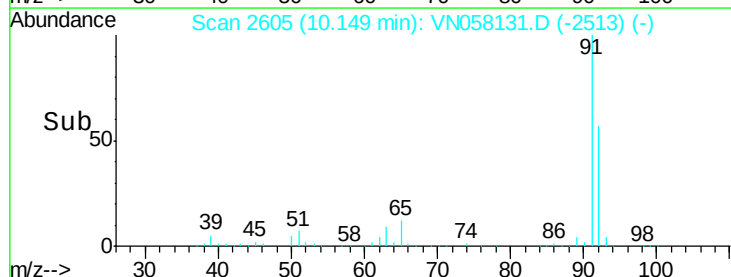
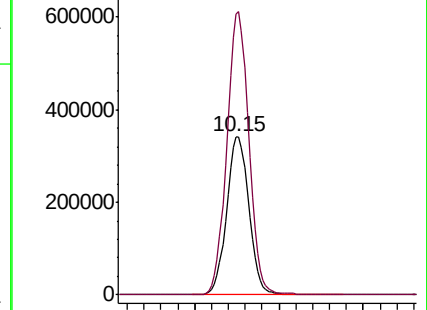
92 100

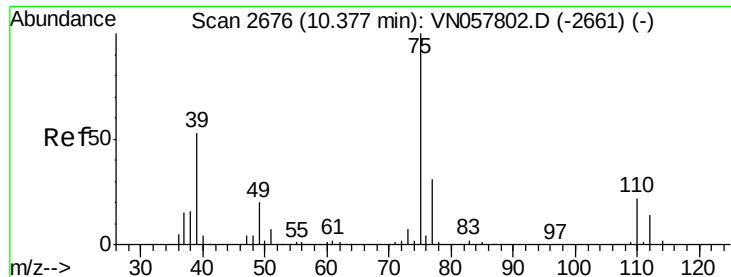
91 176.5 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057802.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN057802.D (-2590) (-)

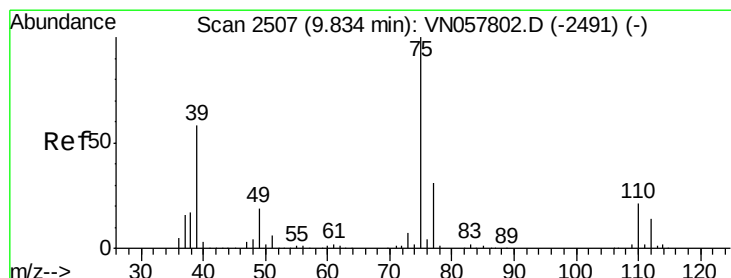
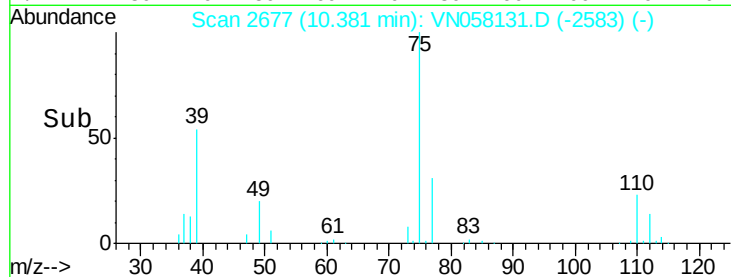
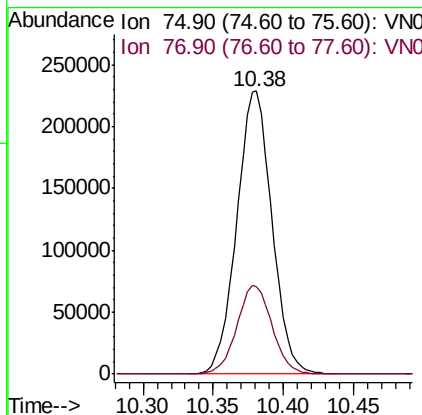
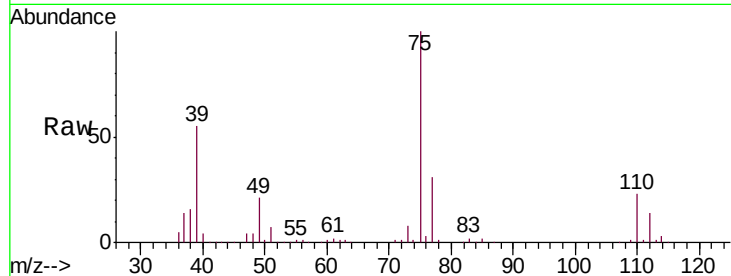




#53
 t-1,3-Dichloropropene
 Concen: 58.167 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

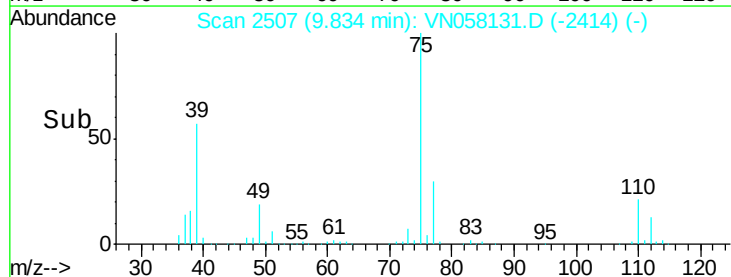
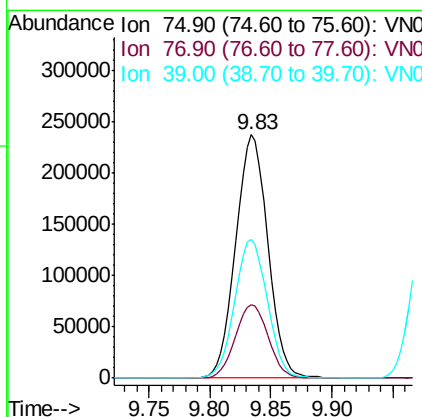
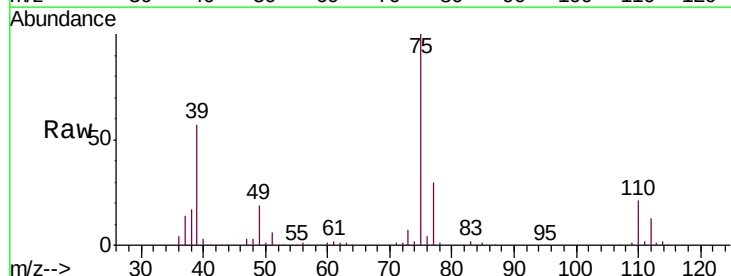
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MSD

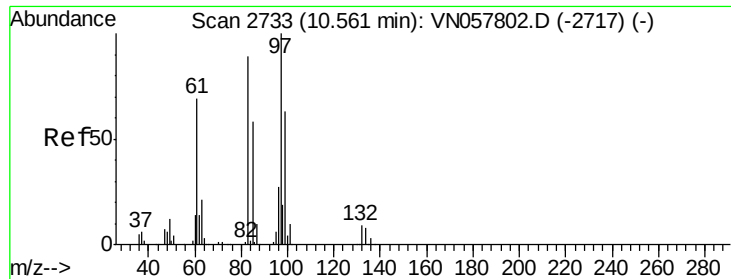
Tgt Ion: 75 Resp: 400185
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 56.975 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

Tgt Ion: 75 Resp: 432775
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.8 37.2
 39 57.1 46.2 69.4





#55

1,1,2-Trichloroethane

Concen: 57.558 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MSD

Tgt Ion: 97 Resp: 285723

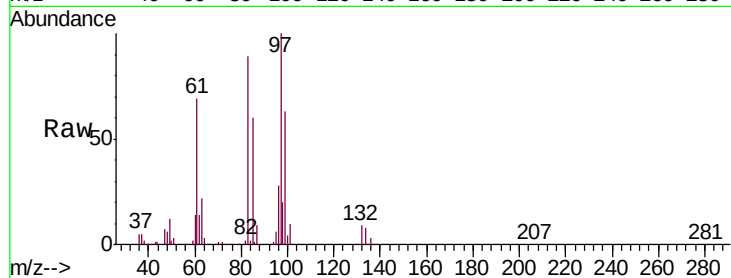
Ion Ratio Lower Upper

97 100

83 89.0 70.8 106.2

85 59.7 46.0 69.0

99 63.1 50.6 76.0

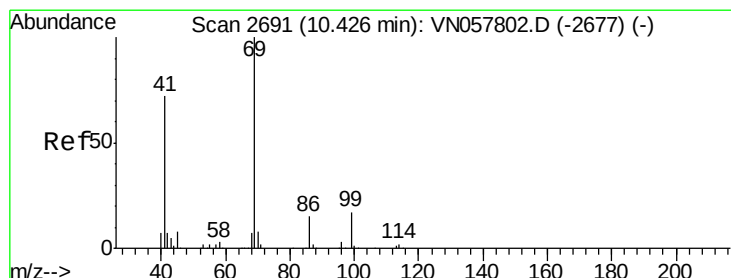
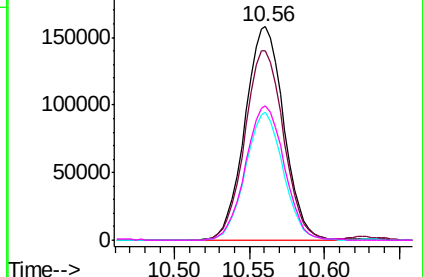
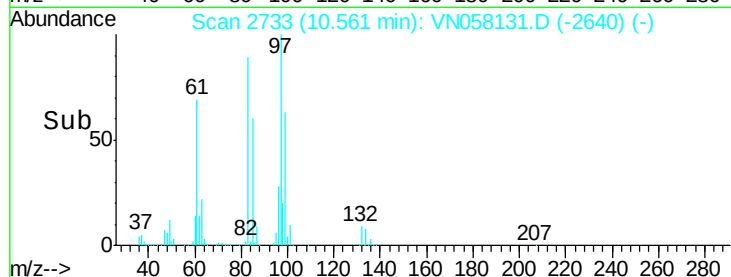


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 58.302 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

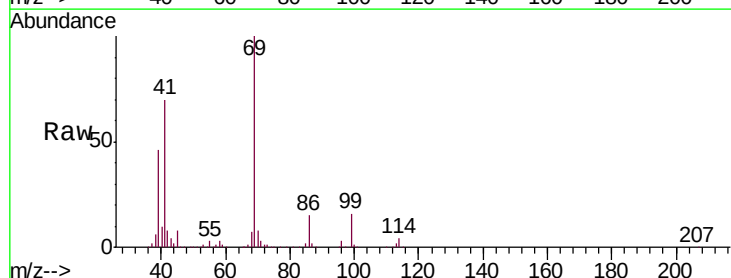
Tgt Ion: 69 Resp: 435829

Ion Ratio Lower Upper

69 100

41 70.6 56.7 85.1

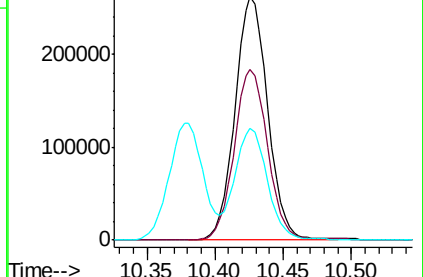
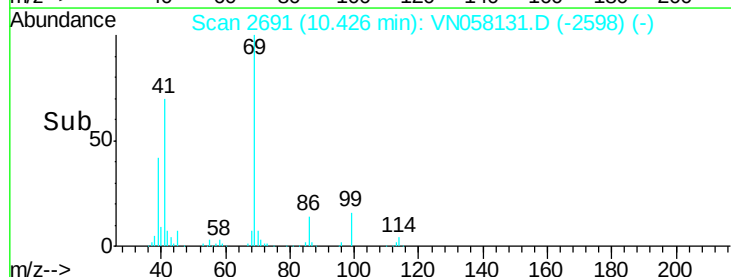
39 45.4 36.3 54.5

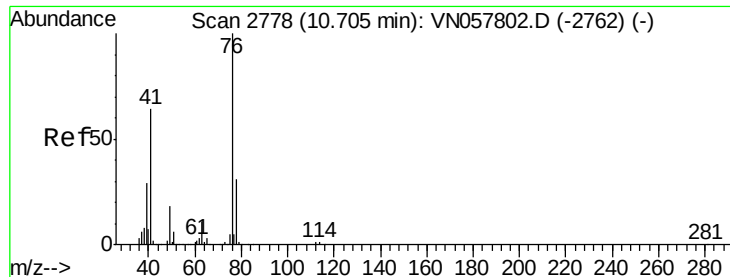


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 57.093 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampled :

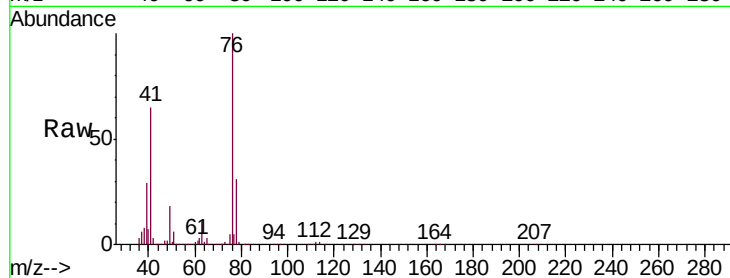
VE-4-11MSD

Tgt Ion: 76 Resp: 488423

Ion Ratio Lower Upper

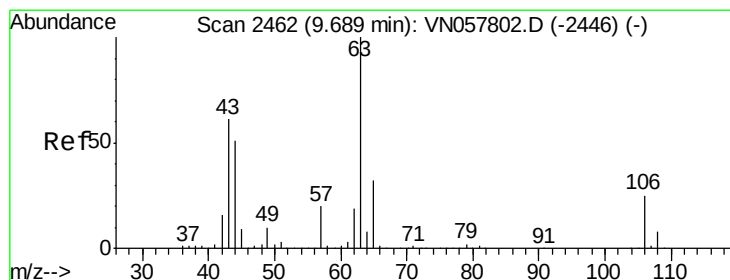
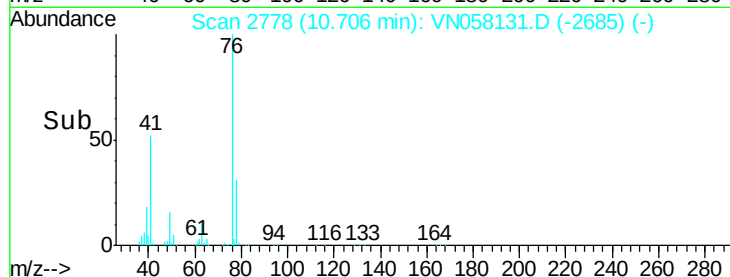
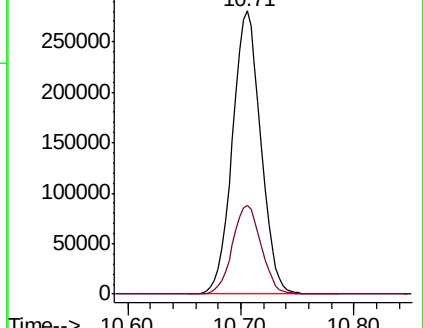
76 100

78 31.9 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN058131.D (-2685) (-)

Ion 77.90 (77.60 to 78.60): VN058131.D (-2685) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 0.423 ug/l

RT: 9.72 min Scan# 2472

Delta R.T. 0.03 min

Lab File: VN058131.D

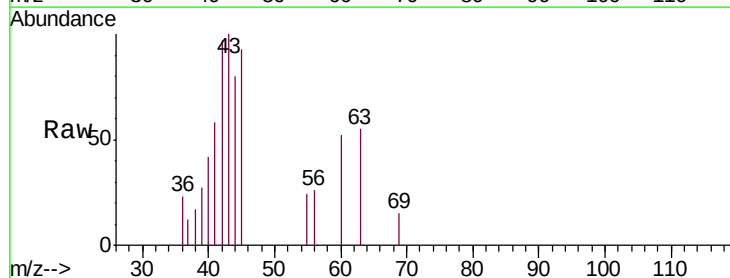
Acq: 16 Sep 2019 19:47

Tgt Ion: 63 Resp: 1489

Ion Ratio Lower Upper

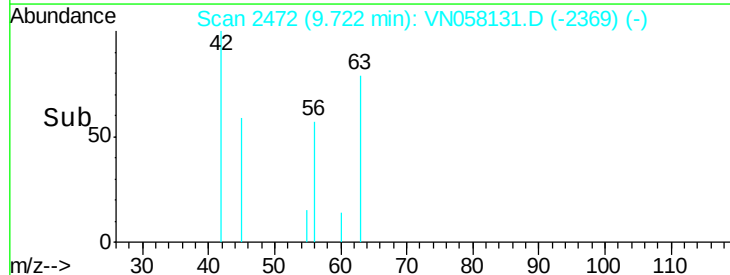
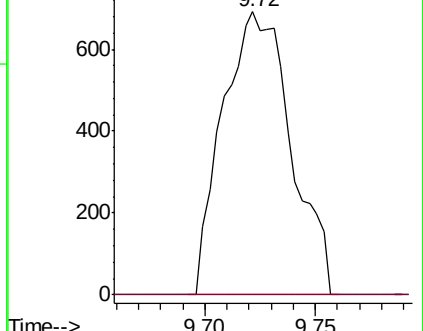
63 100

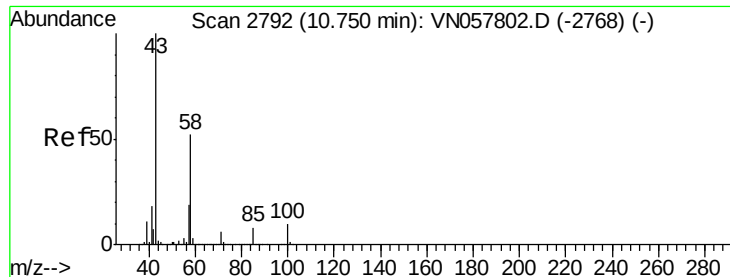
106 0.0 20.0 30.0#



Abundance Ion 62.90 (62.60 to 63.60): VN058131.D (-2369) (-)

Ion 105.90 (105.60 to 106.60): VN058131.D (-2369) (-)





#59

2-Hexanone

Concen: 300.986 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

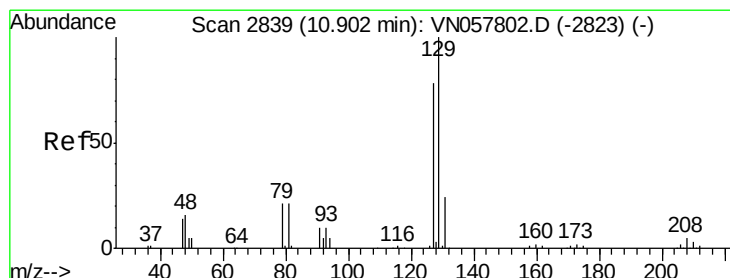
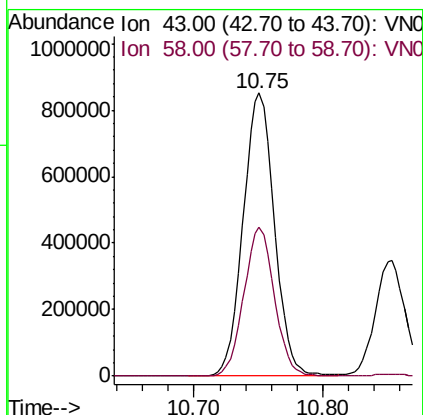
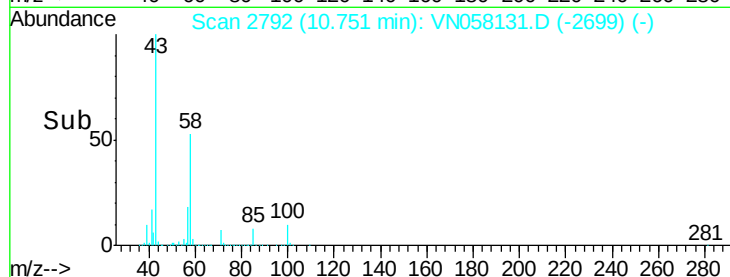
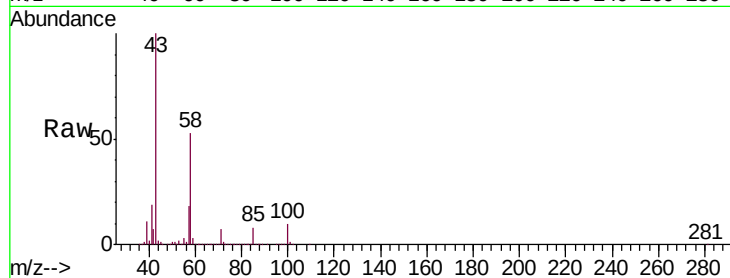
VE-4-11MSD

Tgt Ion: 43 Resp: 1433564

Ion Ratio Lower Upper

43 100

58 51.6 25.6 76.8



#60

Dibromochloromethane

Concen: 61.363 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN058131.D

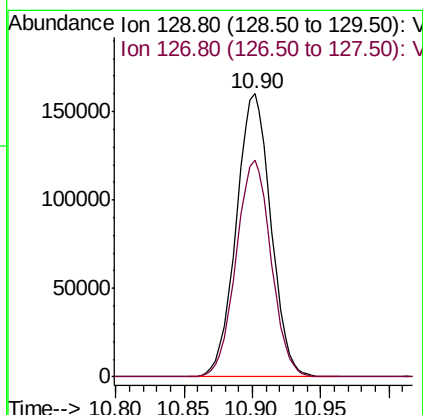
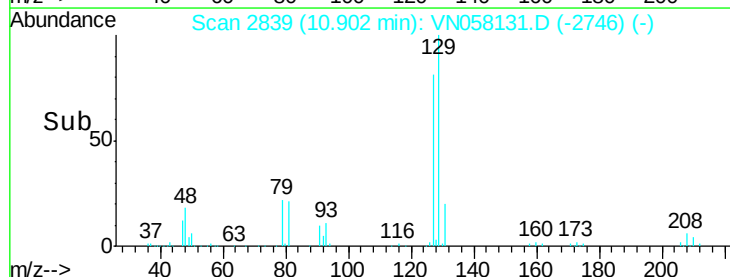
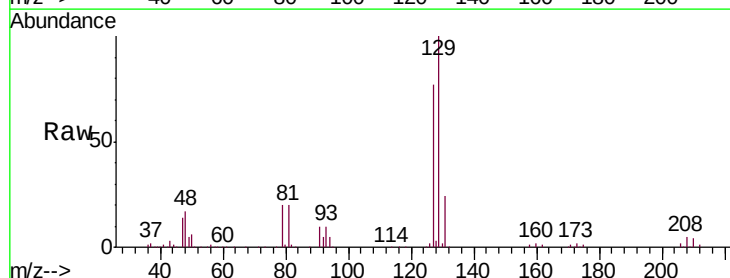
Acq: 16 Sep 2019 19:47

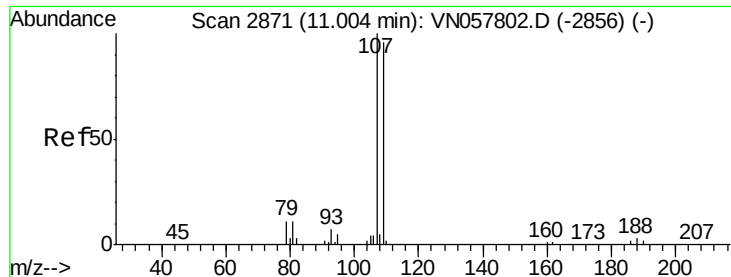
Tgt Ion: 129 Resp: 282861

Ion Ratio Lower Upper

129 100

127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 57.519 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

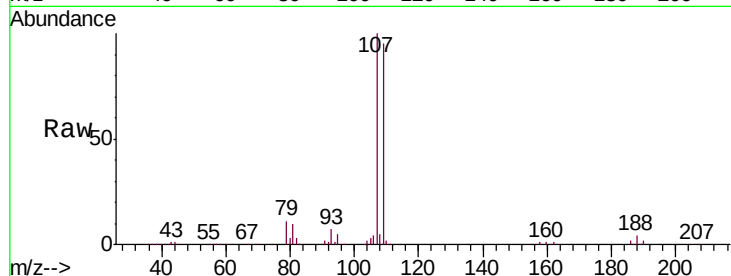
VE-4-11MSD

Tgt Ion: 107 Resp: 269937

Ion Ratio Lower Upper

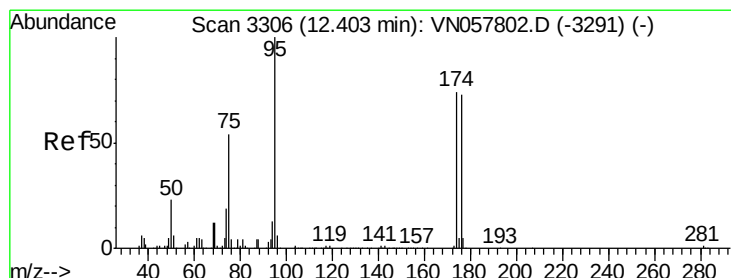
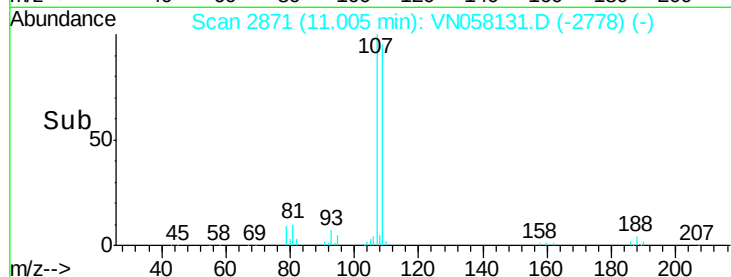
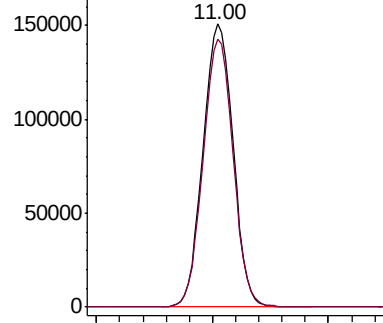
107 100

109 94.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.720 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

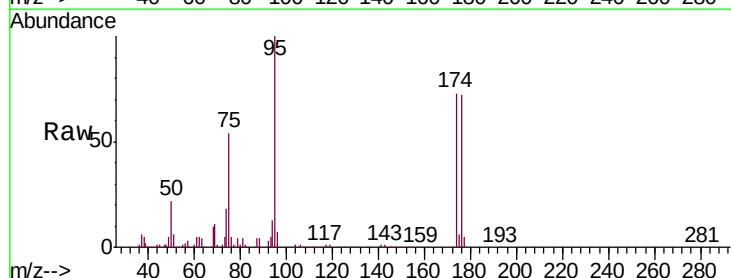
Tgt Ion: 95 Resp: 376383

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

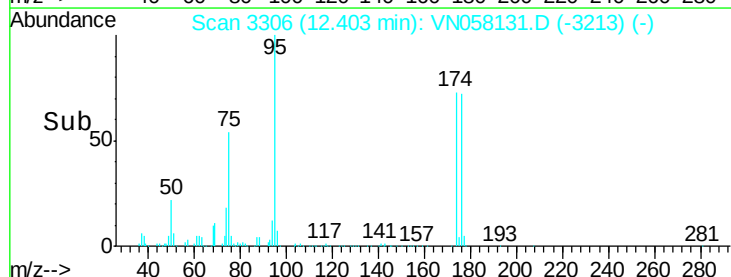
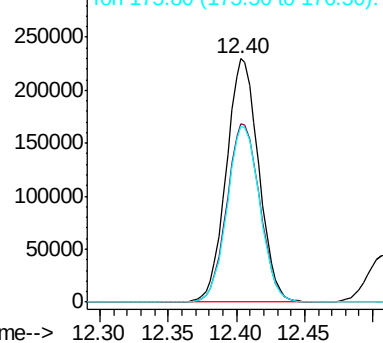
176 73.2 0.0 146.0

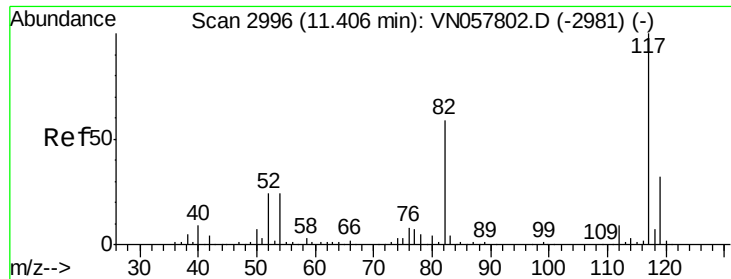


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

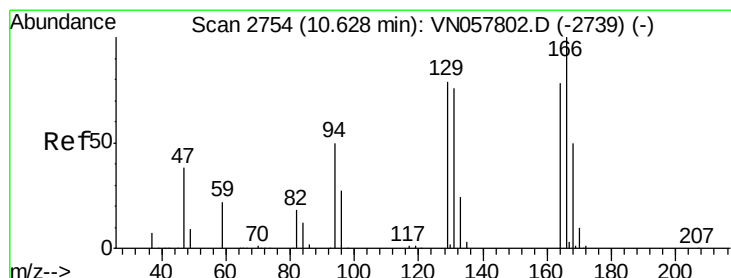
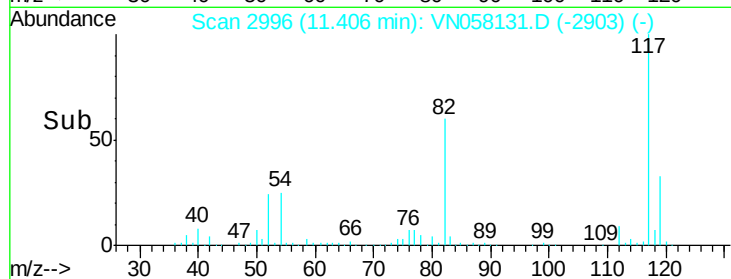
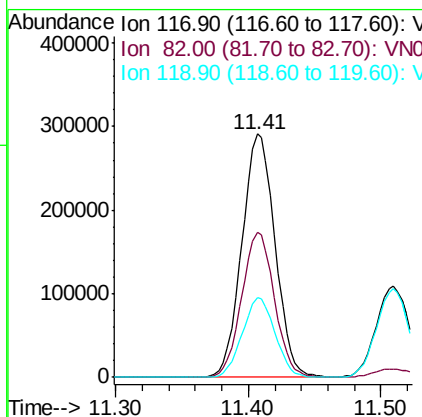
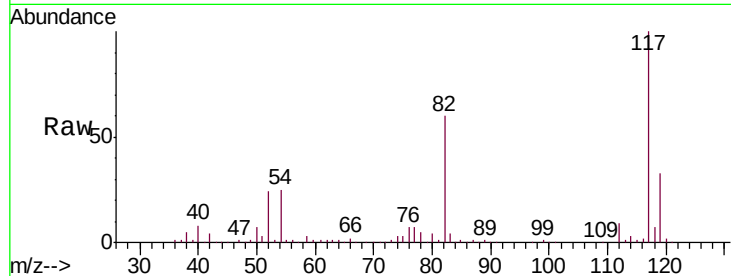




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

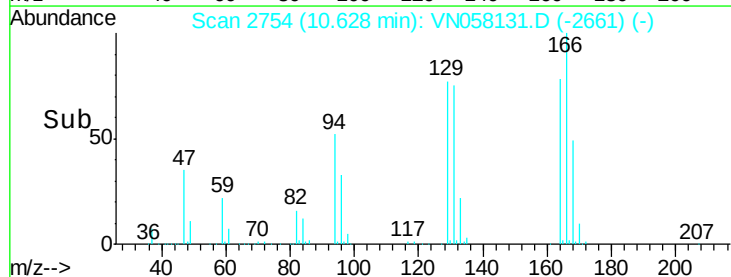
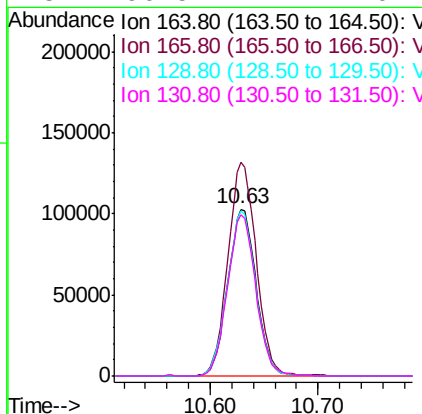
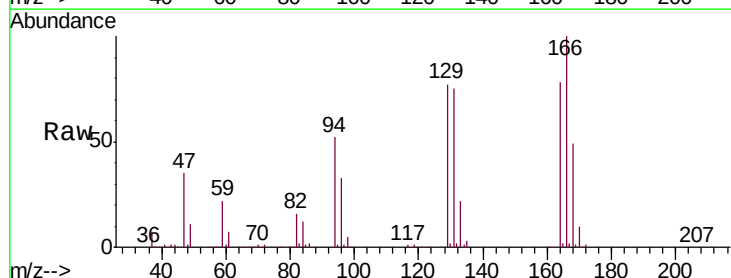
Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MSD

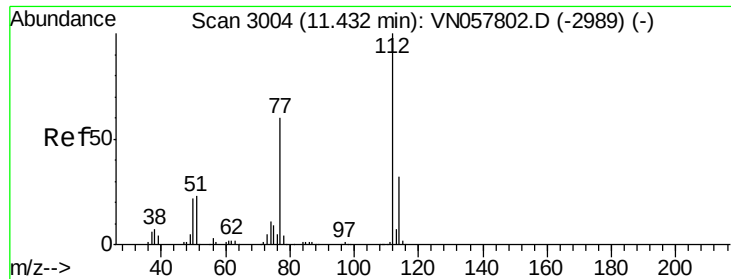
Tgt Ion:117 Resp: 506403
Ion Ratio Lower Upper
117 100
82 59.7 47.2 70.8
119 32.6 25.3 37.9



#64
Tetrachloroethene
Concen: 50.640 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion:164 Resp: 189345
Ion Ratio Lower Upper
164 100
166 128.0 102.2 153.2
129 98.7 80.8 121.2
131 96.5 77.4 116.2

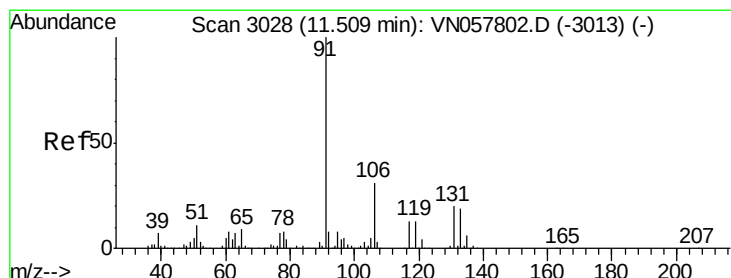
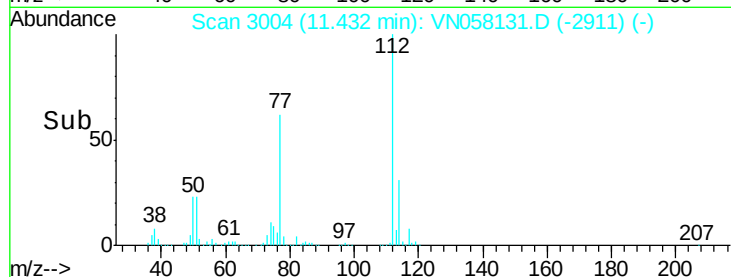
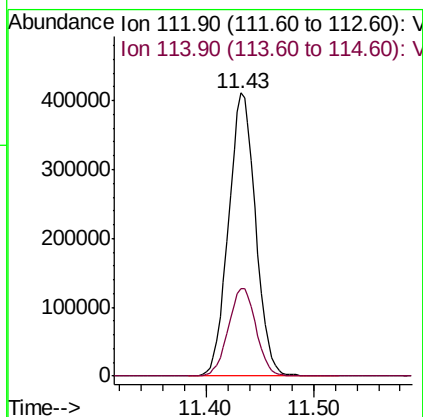
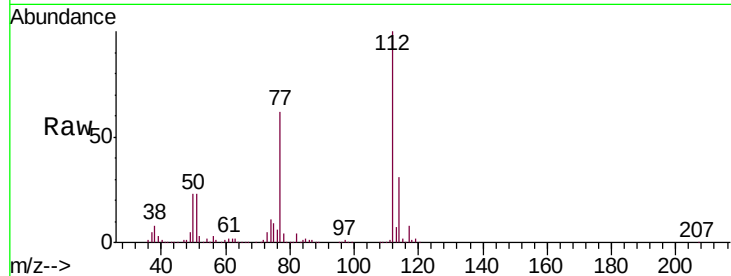




#65
Chlorobenzene
Concen: 54.188 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

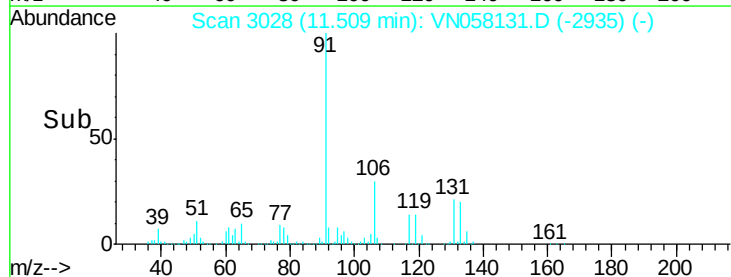
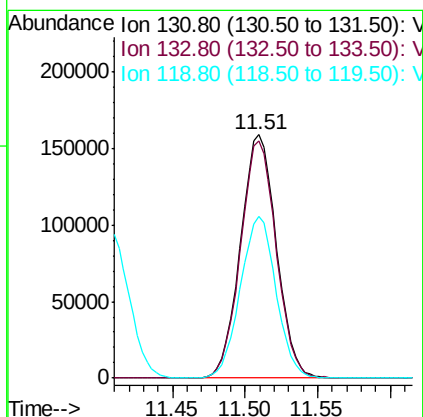
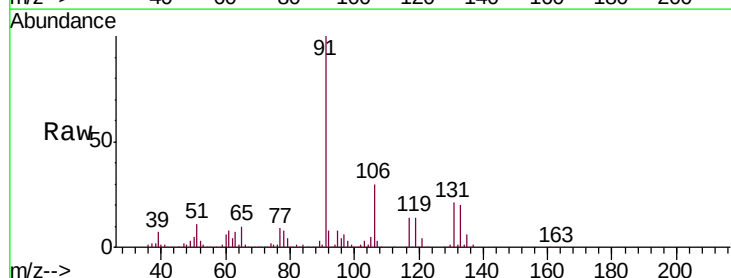
Instrument :
MSVOA_N
ClientSampled :
VE-4-11MSD

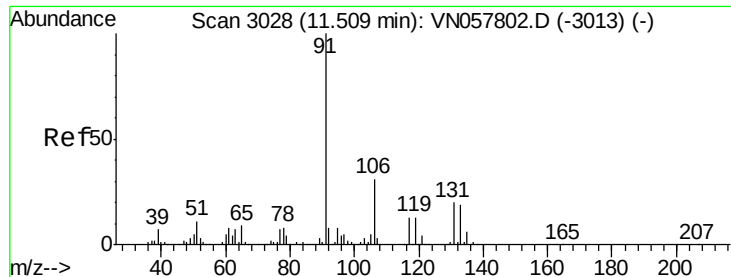
Tgt Ion:112 Resp: 718148
Ion Ratio Lower Upper
112 100
114 31.0 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 59.608 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion:131 Resp: 274119
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.3
119 66.3 33.3 99.8





#67

Ethyl Benzene

Concen: 55.629 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

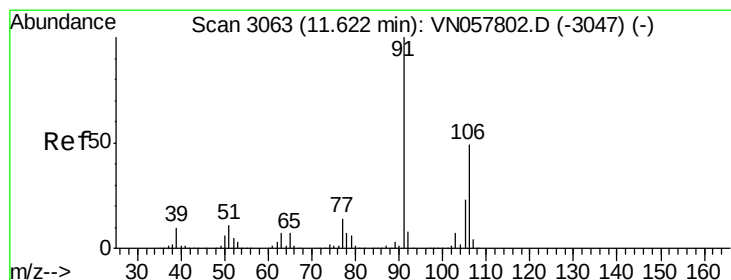
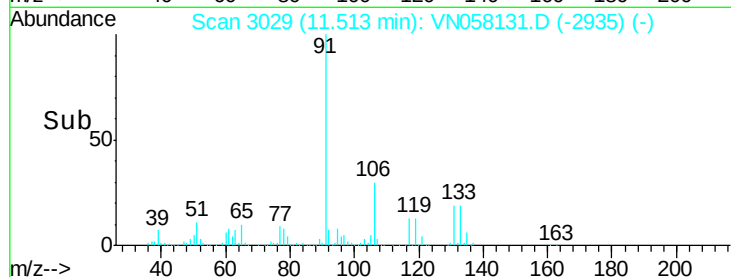
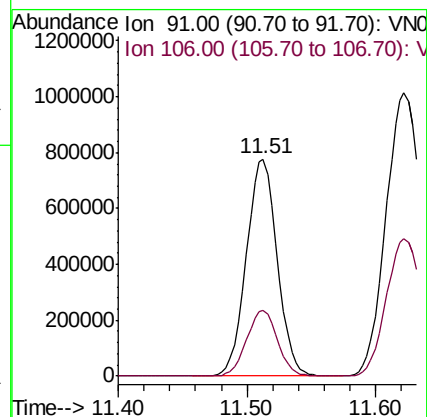
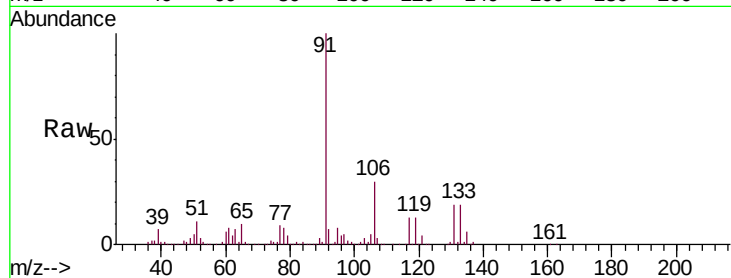
VE-4-11MSD

Tgt Ion: 91 Resp: 1292052

Ion Ratio Lower Upper

91 100

106 30.3 24.4 36.6



#68

m/p-Xylenes

Concen: 111.850 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN058131.D

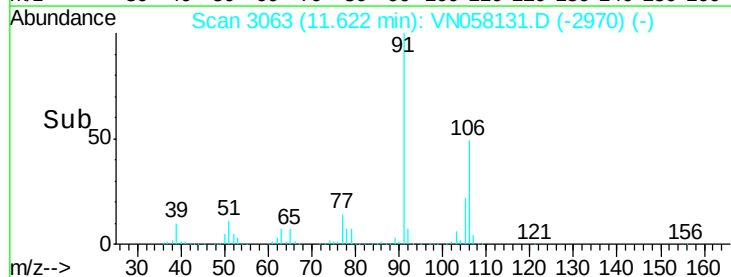
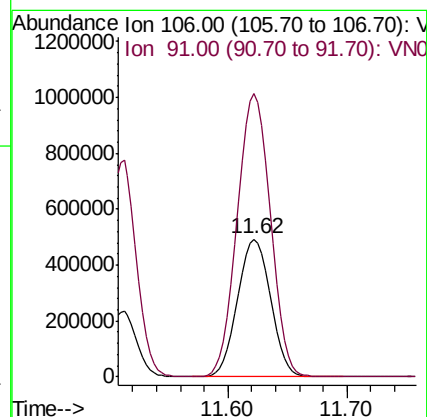
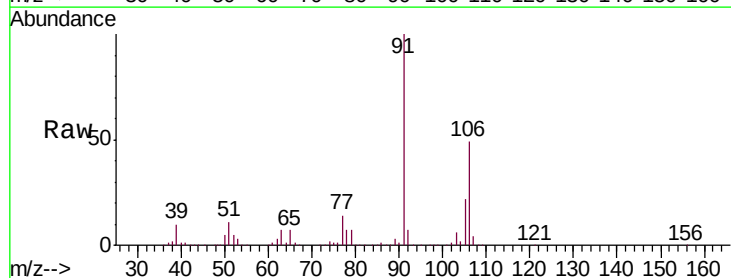
Acq: 16 Sep 2019 19:47

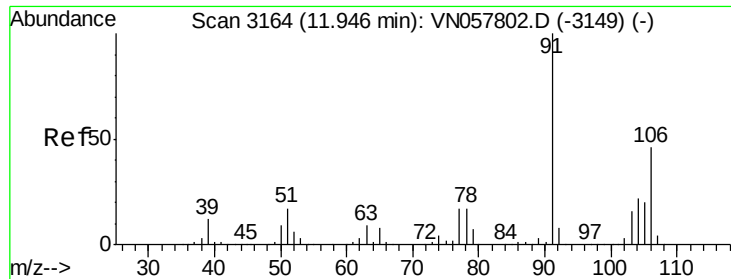
Tgt Ion: 106 Resp: 951598

Ion Ratio Lower Upper

106 100

91 207.0 165.8 248.6

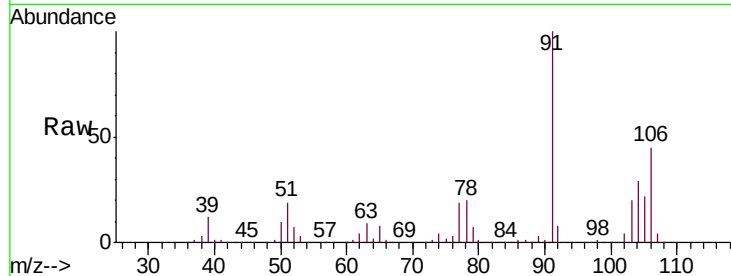




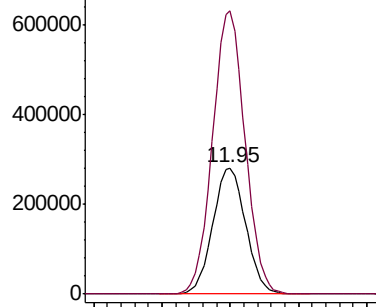
#69
o-Xylene
Concen: 55.749 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Instrument :
MSVOA_N
ClientSampled :
VE-4-11MSD

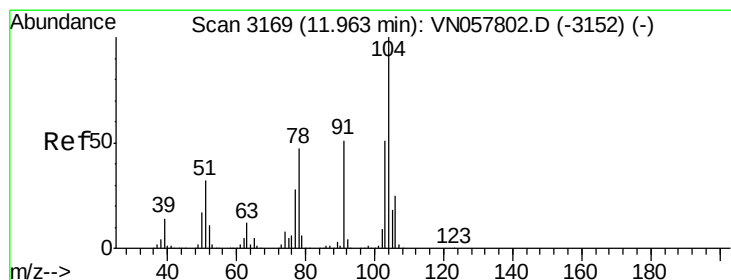
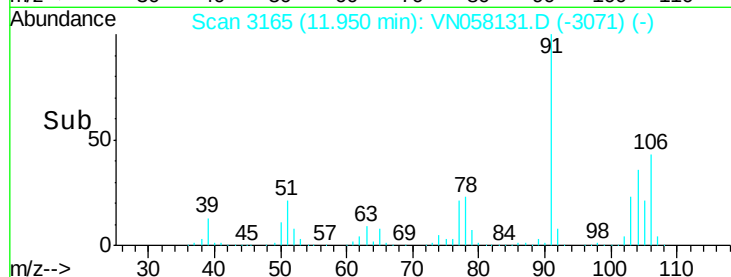
Tgt Ion:106 Resp: 471524
Ion Ratio Lower Upper
106 100
91 221.8 108.7 326.1



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

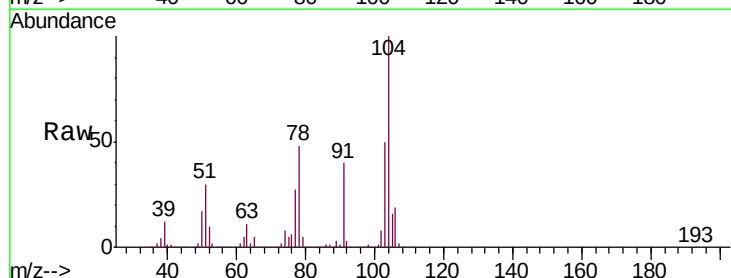


Time--> 11.85 11.90 11.95 12.00

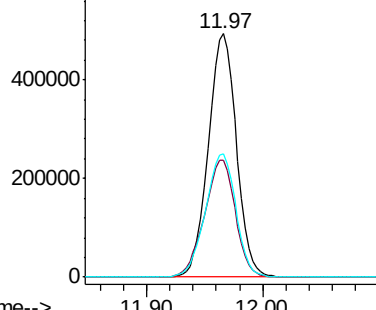


#70
Styrene
Concen: 56.930 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

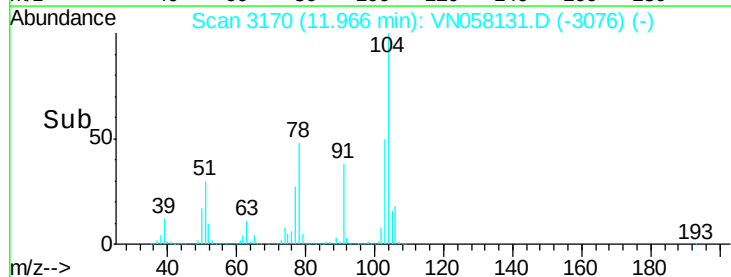
Tgt Ion:104 Resp: 828677
Ion Ratio Lower Upper
104 100
78 52.8 41.3 61.9
103 54.9 43.7 65.5

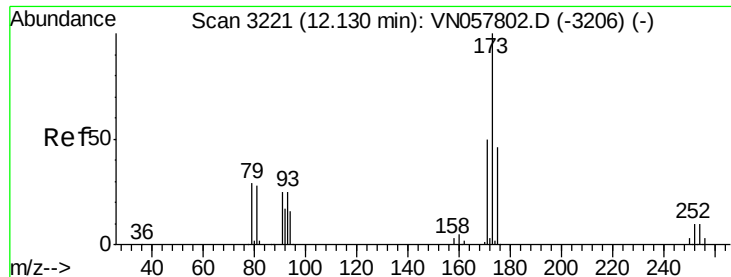


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time--> 11.90 11.95 12.00





#71

Bromoform

Concen: 62.114 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MSD

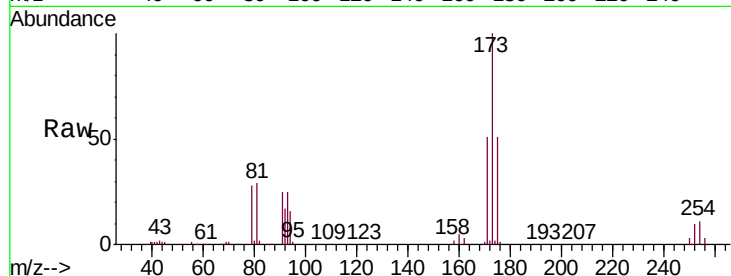
Tgt Ion:173 Resp: 178087

Ion Ratio Lower Upper

173 100

175 50.1 23.5 70.6

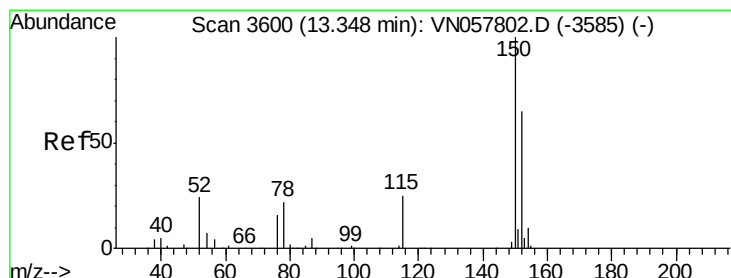
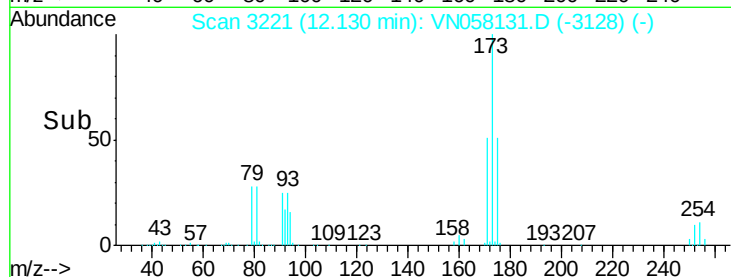
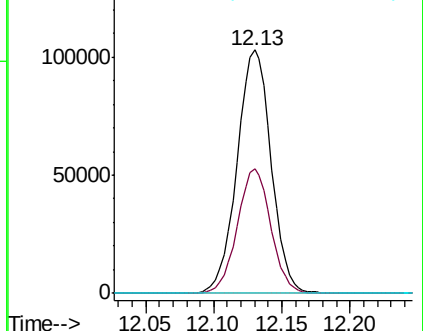
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

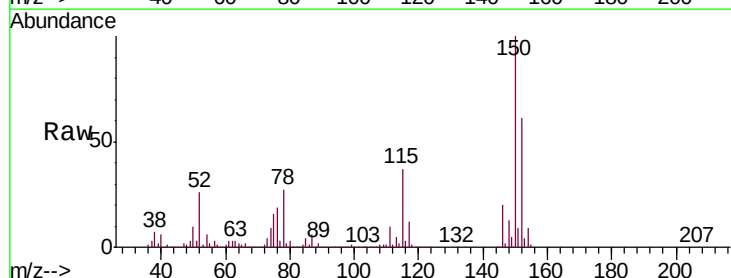
Tgt Ion:152 Resp: 307684

Ion Ratio Lower Upper

152 100

115 61.6 30.3 91.0

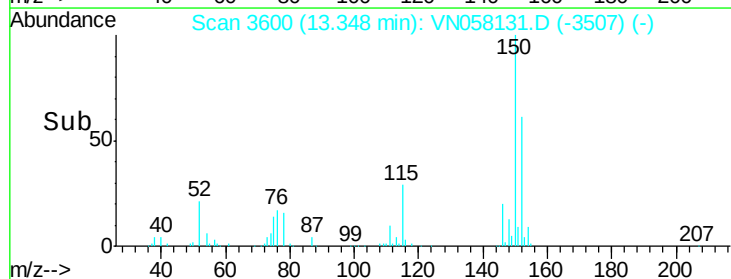
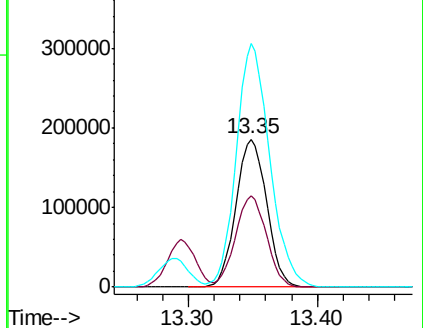
150 178.9 0.0 352.4

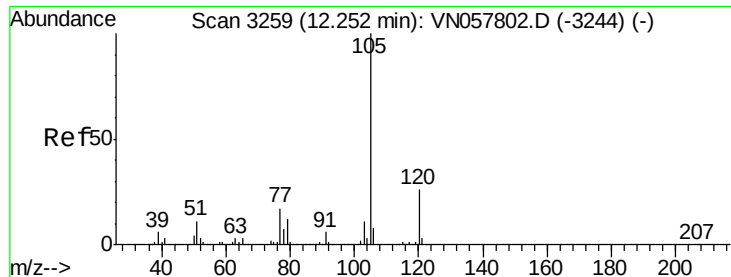


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.301 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

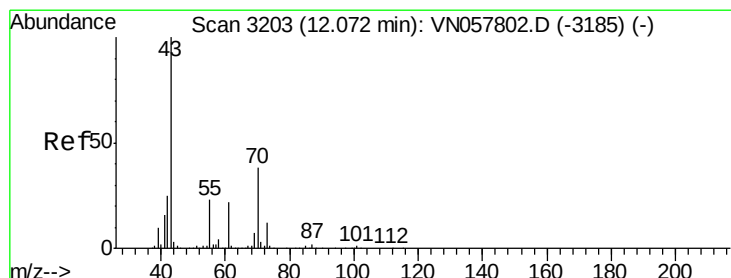
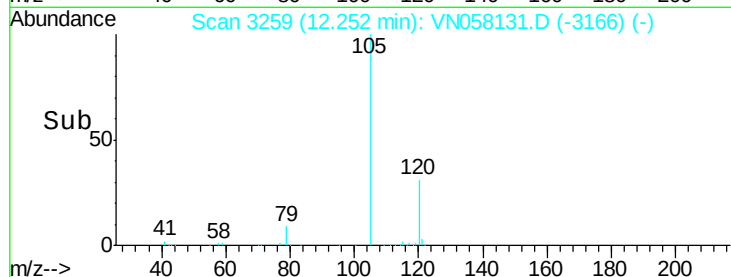
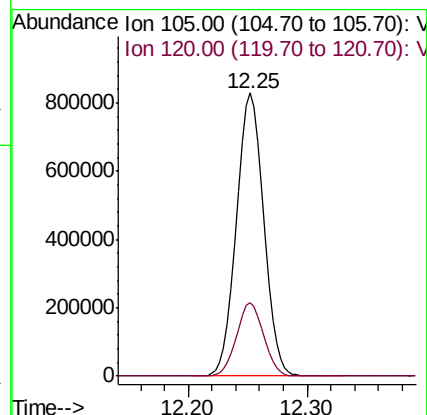
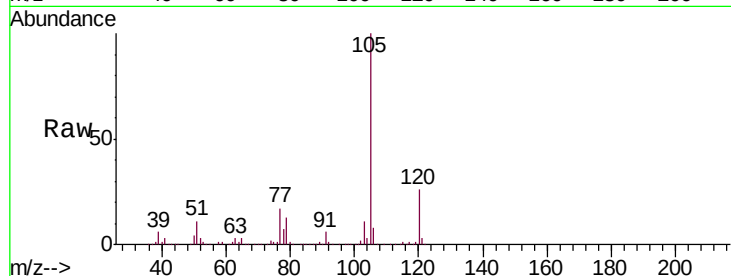
VE-4-11MSD

Tgt Ion:105 Resp: 1320323

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.4



#74

N-ethyl acetate

Concen: 58.625 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Tgt Ion: 43 Resp: 609147

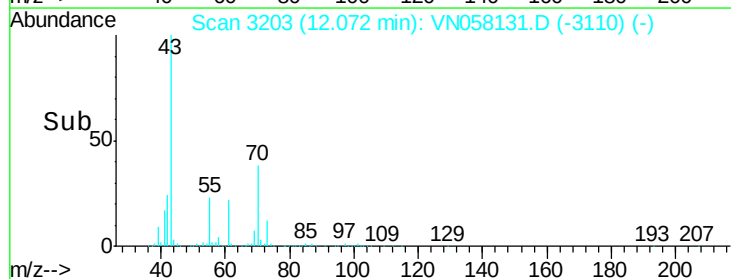
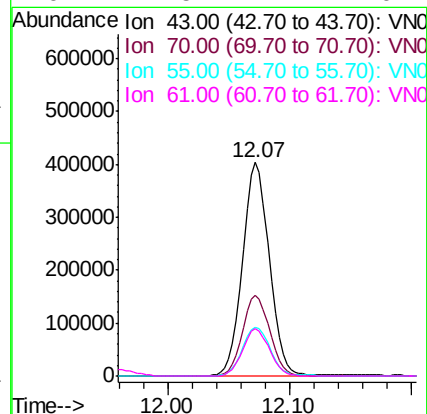
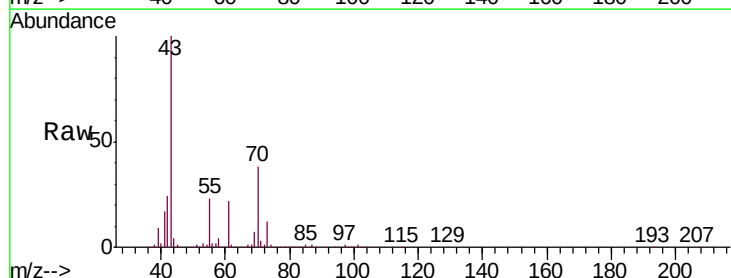
Ion Ratio Lower Upper

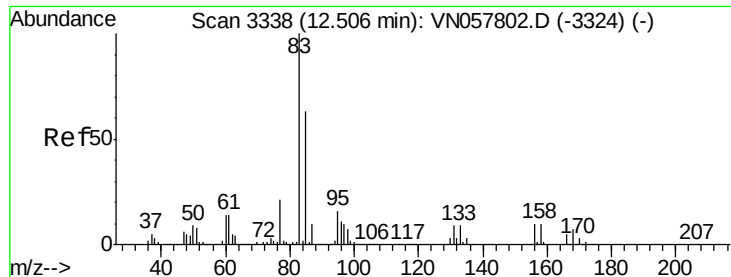
43 100

70 38.9 30.6 45.8

55 23.9 18.6 27.8

61 22.5 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.433 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MSD

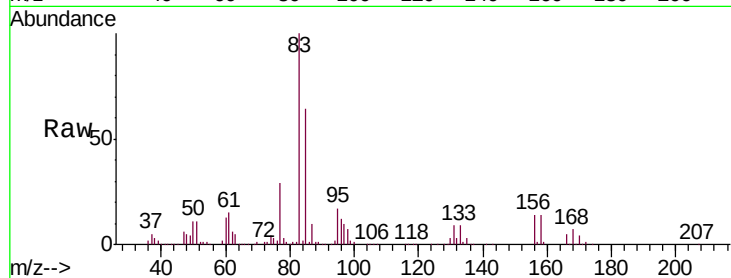
Tgt Ion: 83 Resp: 445615

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.3

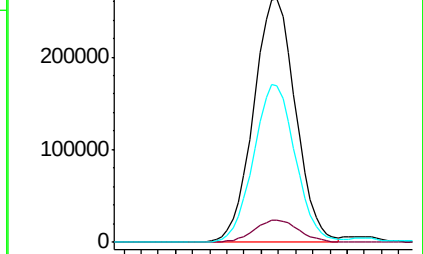
85 64.2 31.6 94.7



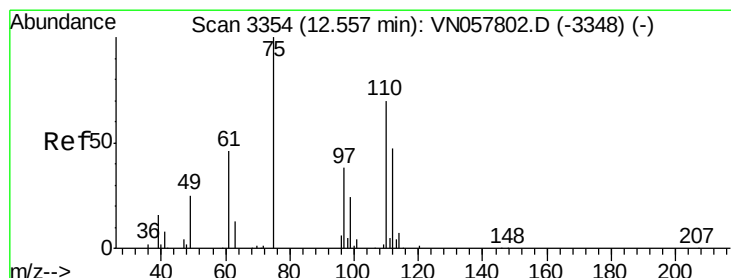
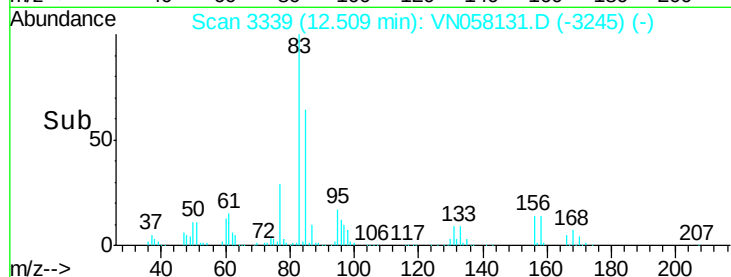
Abundance Ion 82.90 (82.60 to 83.60): VN058131.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN058131.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN058131.D (-3245) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 76.091 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058131.D

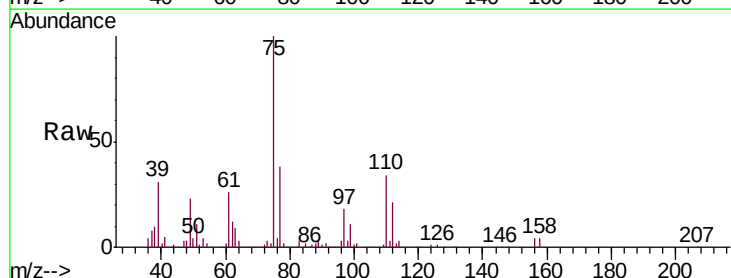
Acq: 16 Sep 2019 19:47

Tgt Ion: 75 Resp: 529623

Ion Ratio Lower Upper

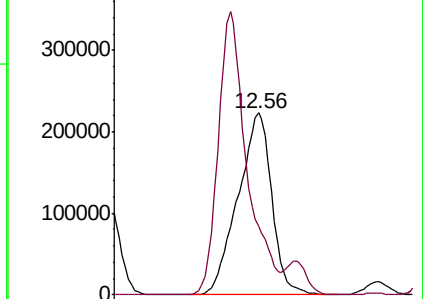
75 100

77 0.0 0.0 0.0

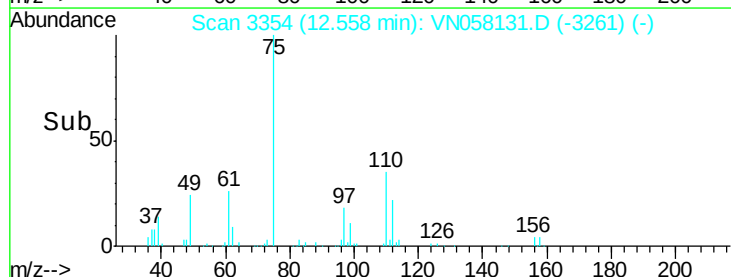


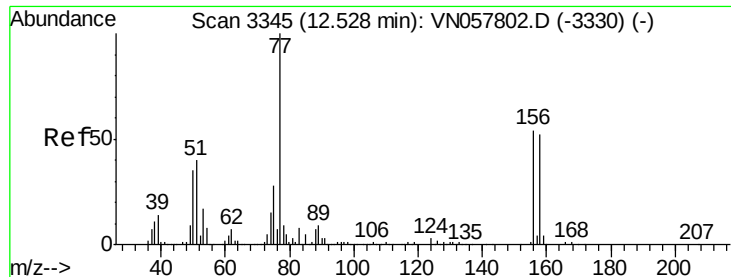
Abundance Ion 74.90 (74.60 to 75.60): VN058131.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN058131.D (-3261) (-)



Time-->





#77

Bromobenzene

Concen: 53.142 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampled :

VE-4-11MSD

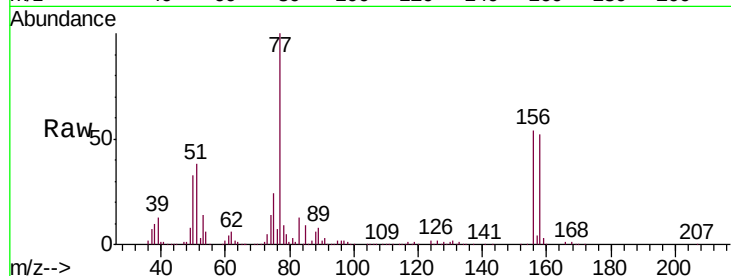
Tgt Ion:156 Resp: 316333

Ion Ratio Lower Upper

156 100

77 224.9 113.7 341.1

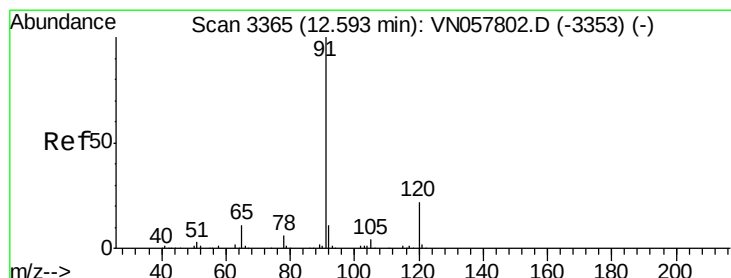
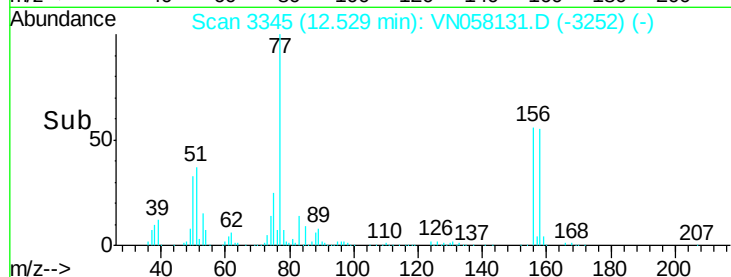
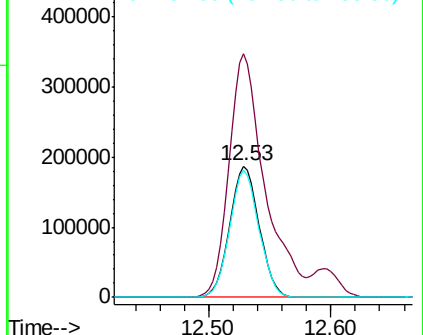
158 95.7 48.5 145.6



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: 56.574 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058131.D

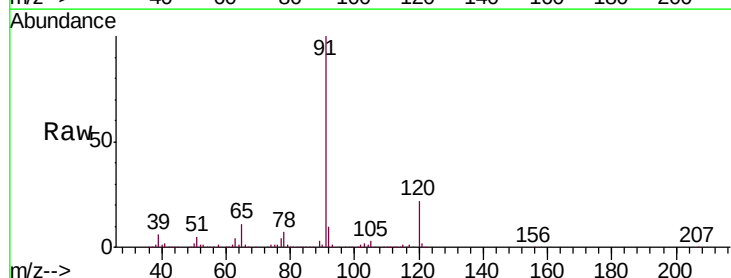
Acq: 16 Sep 2019 19:47

Tgt Ion: 91 Resp: 1551049

Ion Ratio Lower Upper

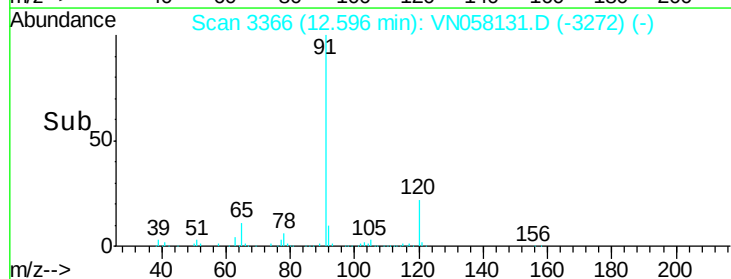
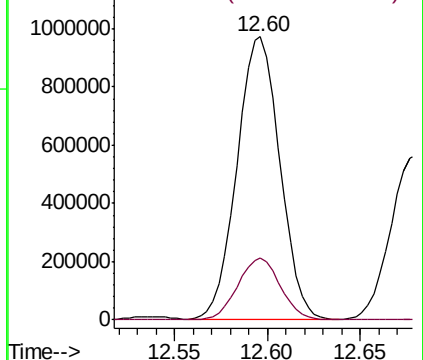
91 100

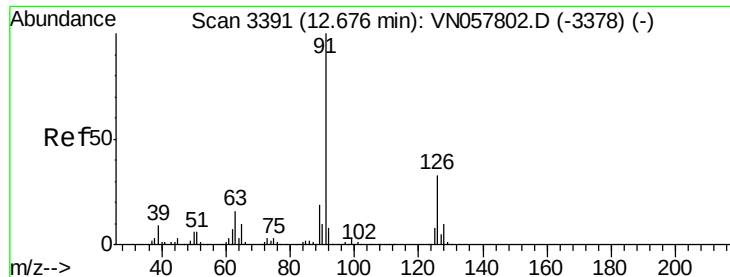
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

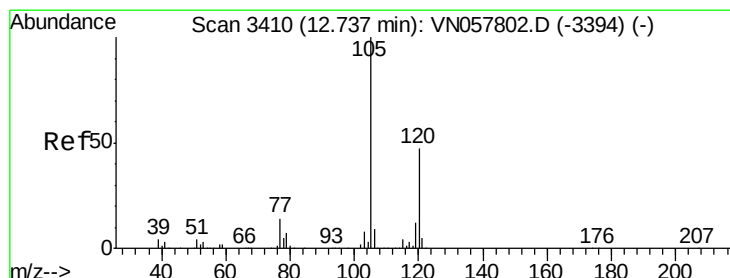
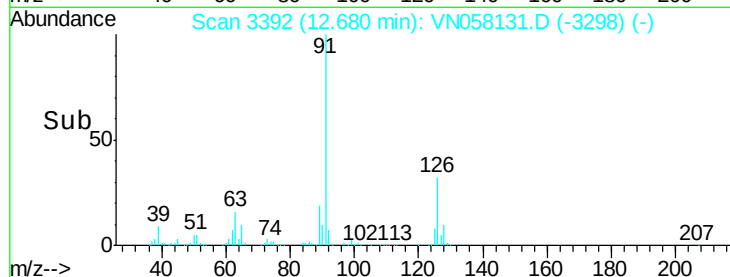
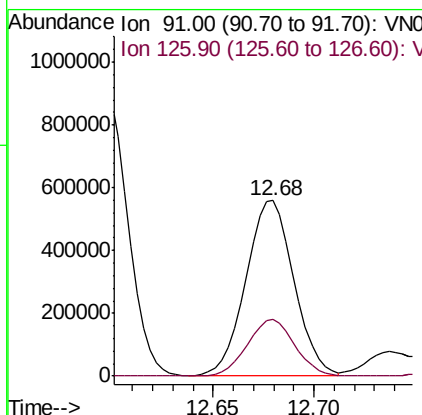
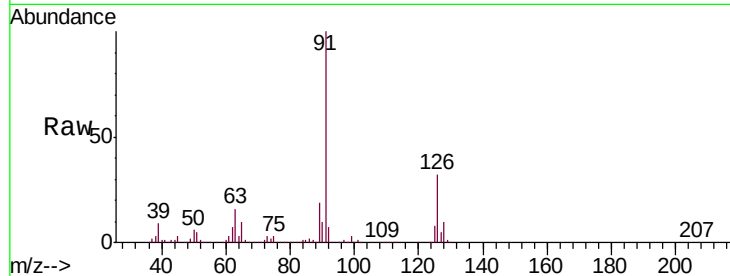




#79
 2-Chlorotoluene
 Concen: 53.527 ug/l
 RT: 12.68 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

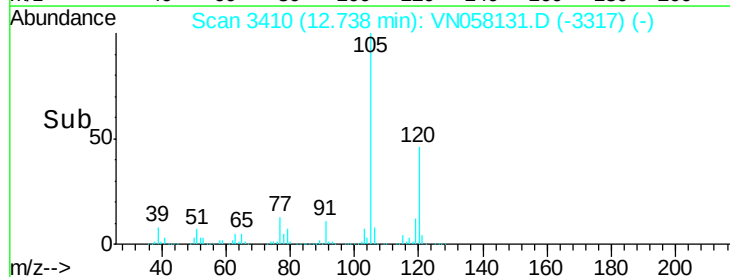
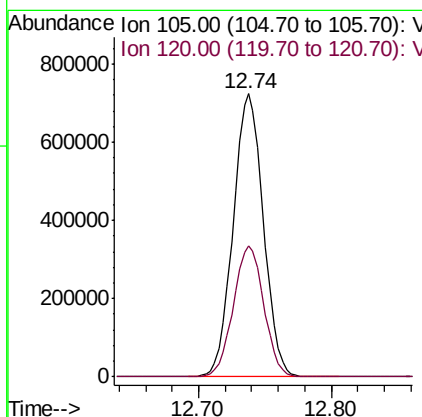
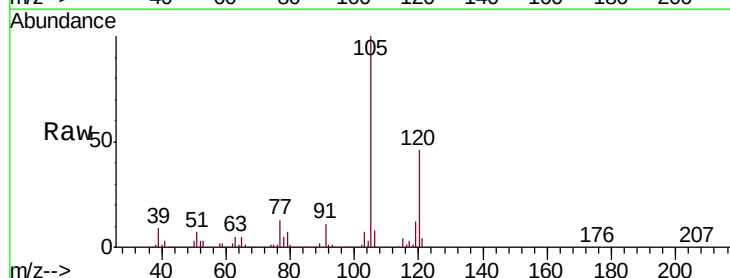
Instrument :
 MSVOA_N
 ClientSampled :
 VE-4-11MSD

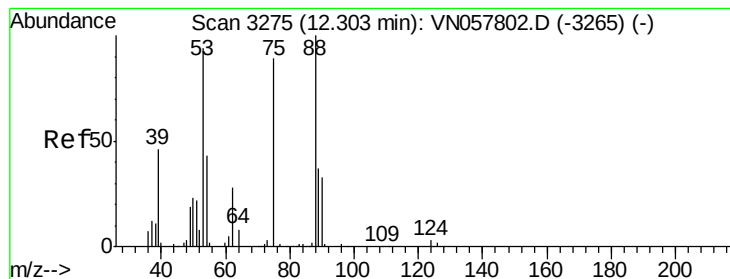
Tgt Ion: 91 Resp: 927505
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.4 49.2



#80
 1,3,5-Trimethylbenzene
 Concen: 56.382 ug/l
 RT: 12.74 min Scan# 3410
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

Tgt Ion: 105 Resp: 1137406
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 53.175 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MSD

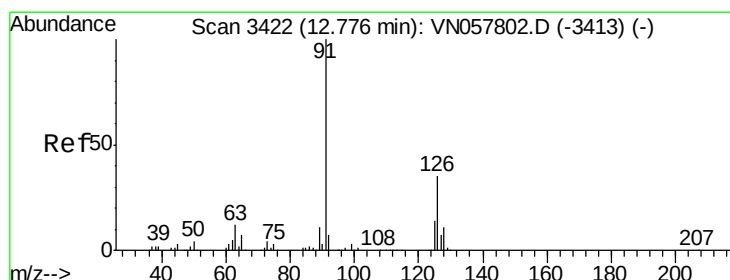
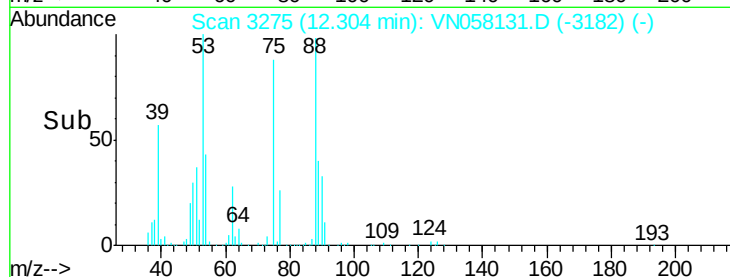
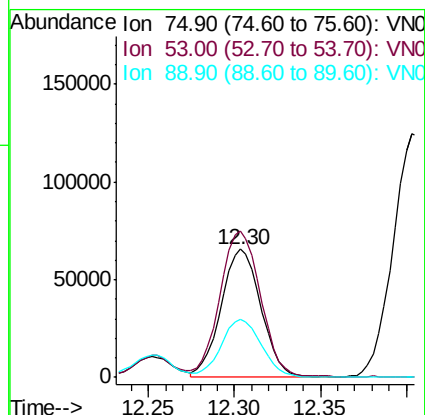
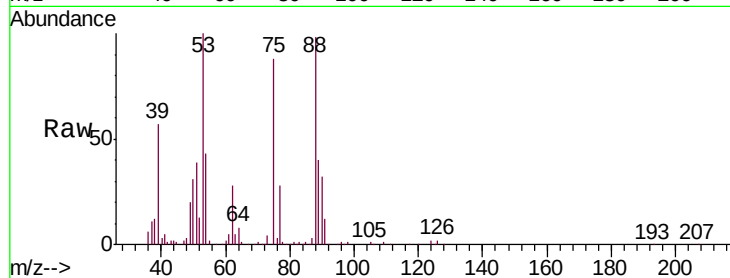
Tgt Ion: 75 Resp: 105177

Ion Ratio Lower Upper

75 100

53 115.5 88.4 132.6

89 46.4 35.3 52.9



#82

4-Chlorotoluene

Concen: 54.929 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN058131.D

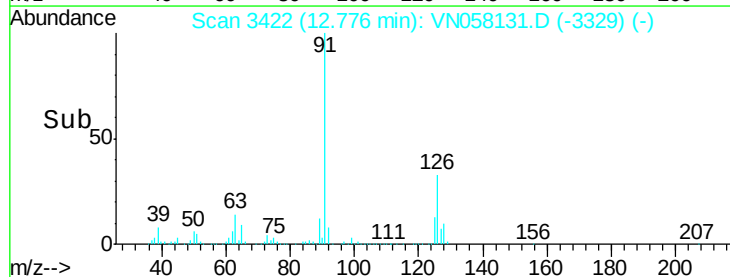
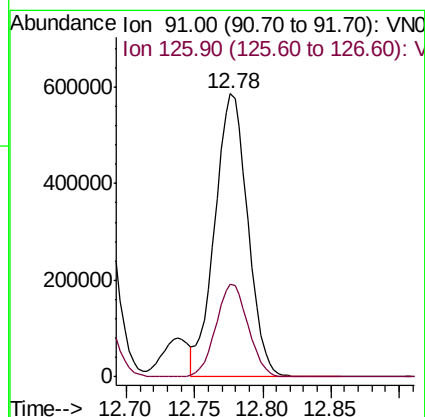
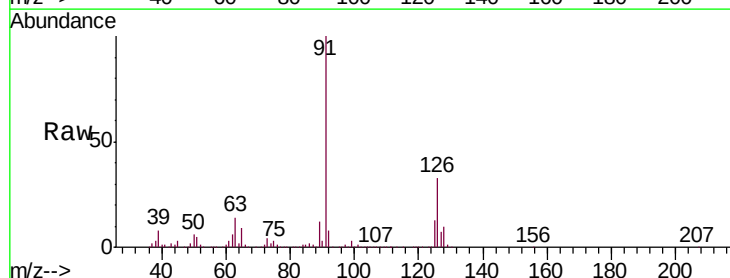
Acq: 16 Sep 2019 19:47

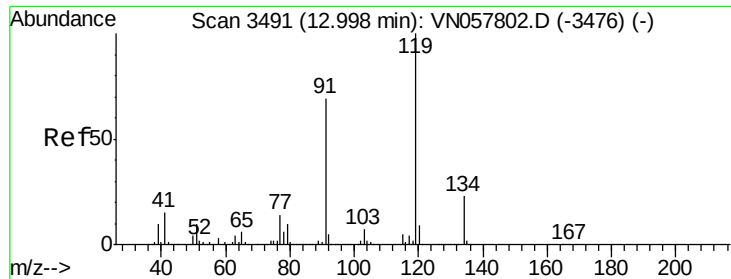
Tgt Ion: 91 Resp: 977439

Ion Ratio Lower Upper

91 100

126 32.1 16.0 48.0

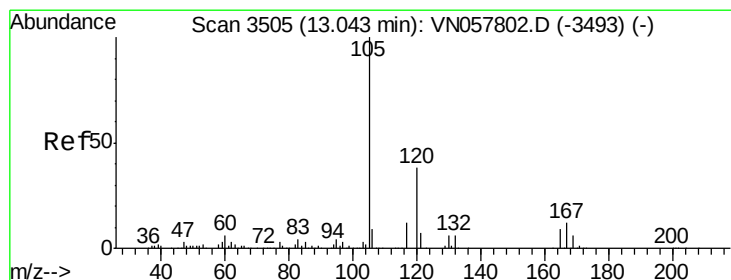
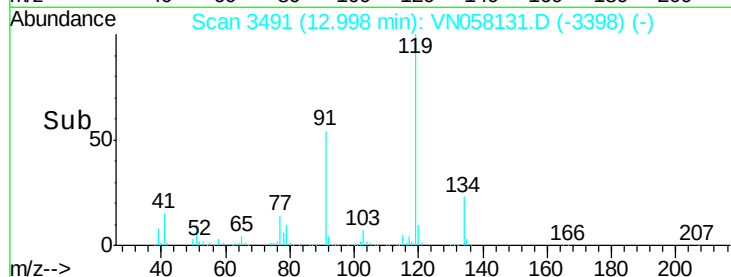
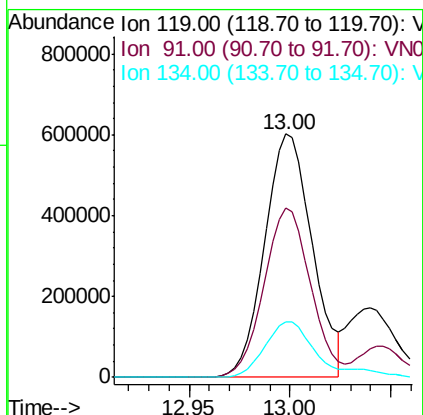
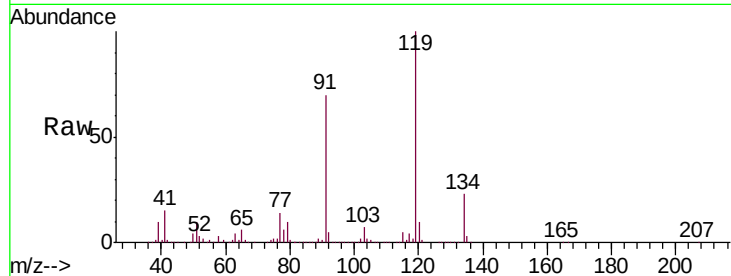




#83
 tert-Butylbenzene
 Concen: 55.123 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

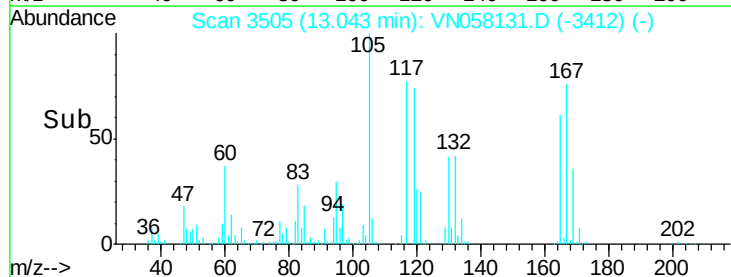
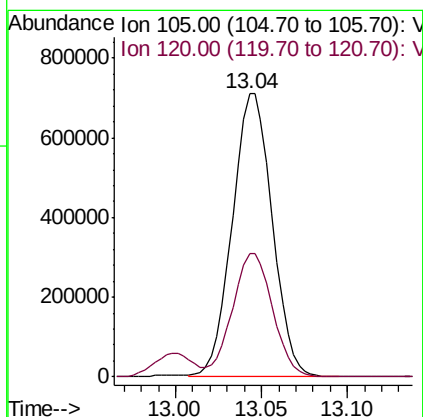
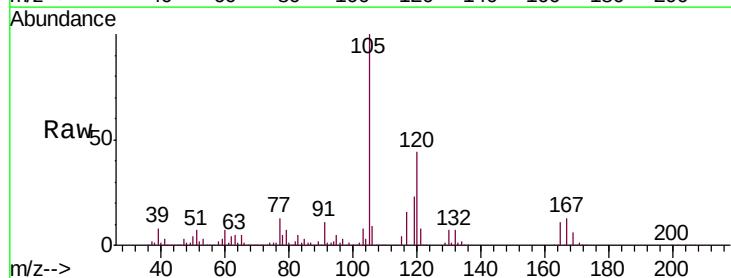
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MSD

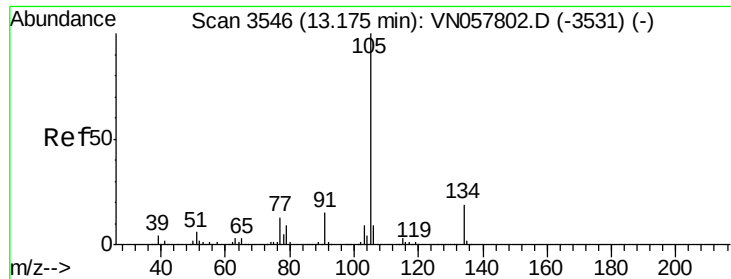
Tgt Ion:119 Resp: 988476
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.6 100.8
 134 23.0 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 55.693 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

Tgt Ion:105 Resp: 1141877
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.4 67.2

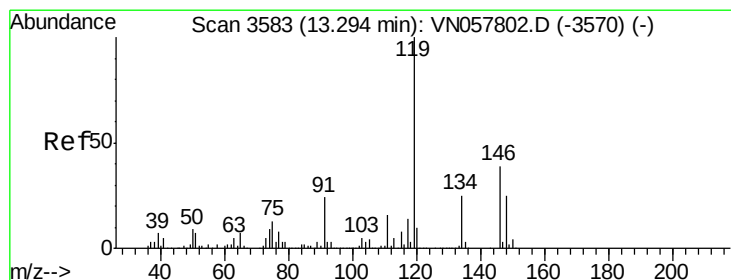
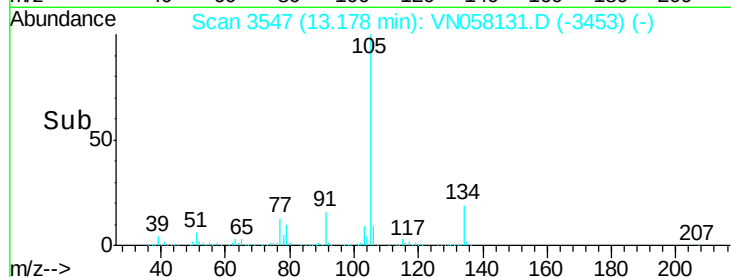
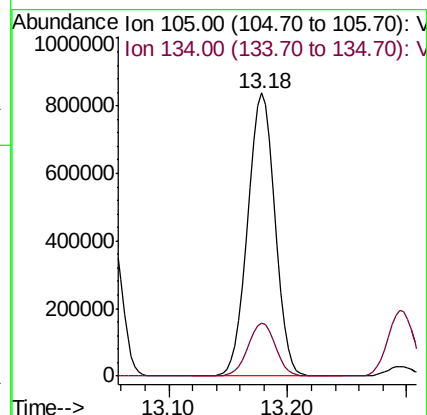
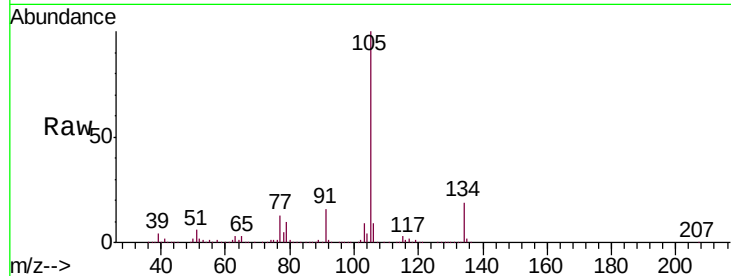




#85
 sec-Butylbenzene
 Concen: 55.947 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

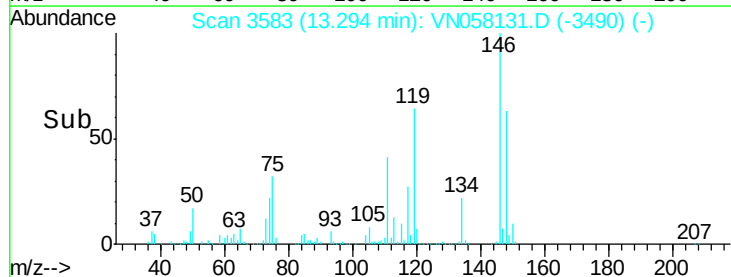
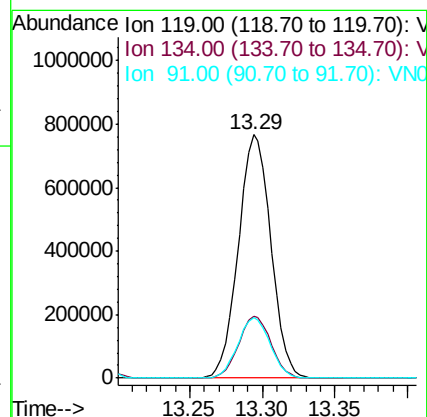
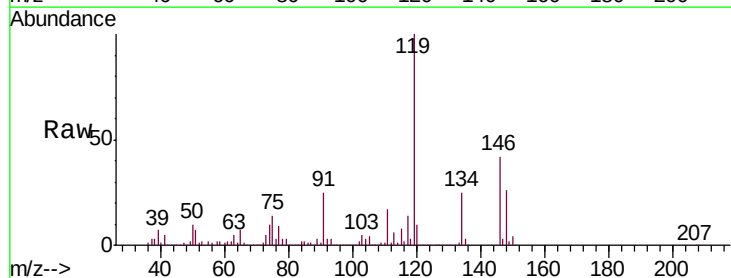
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MSD

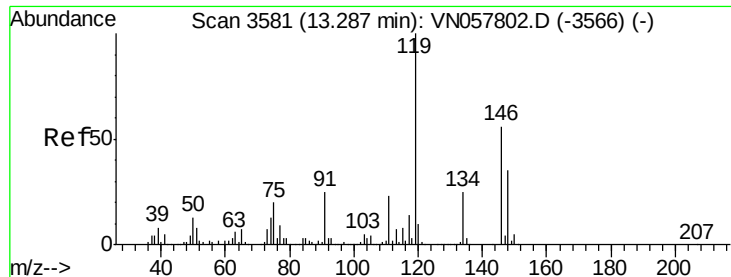
Tgt Ion:105 Resp: 1329725
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 56.743 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

Tgt Ion:119 Resp: 1188291
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.5 37.5
 91 24.7 12.3 36.8

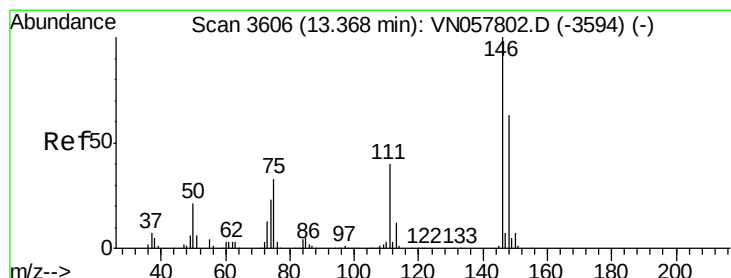
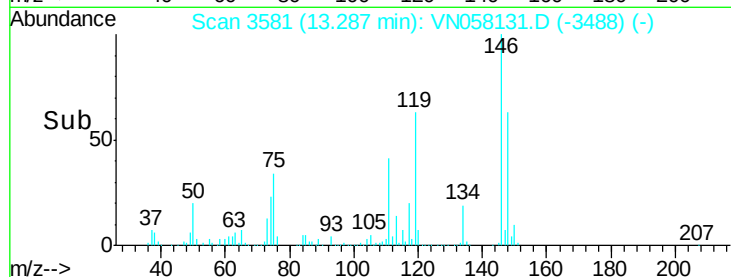
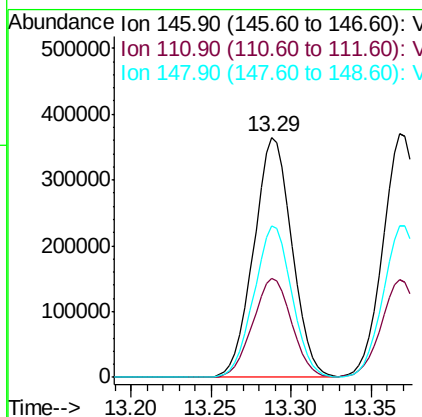
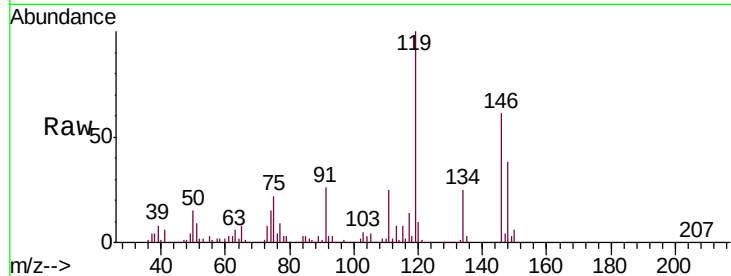




#87
 1,3-Dichlorobenzene
 Concen: 54.790 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

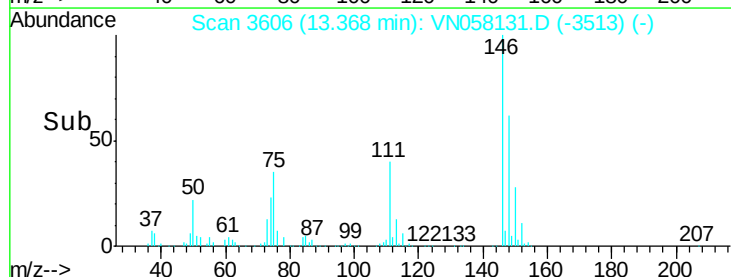
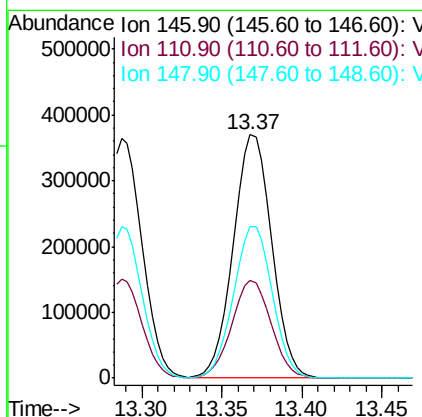
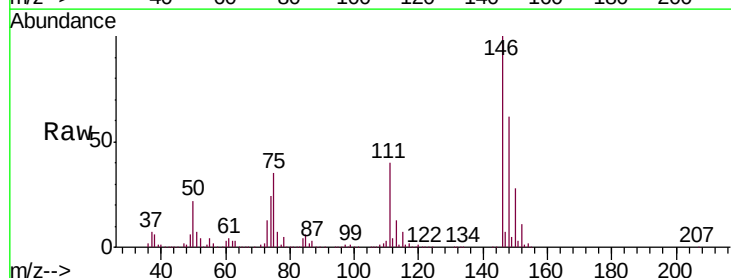
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MSD

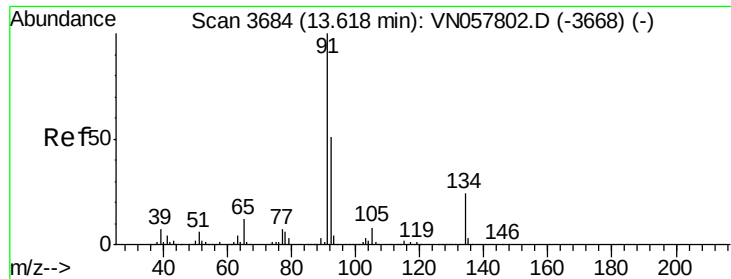
Tgt Ion:146 Resp: 598641
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.6
 148 62.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 54.420 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

Tgt Ion:146 Resp: 603545
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.2
 148 63.0 31.8 95.4





#89

n-Butylbenzene

Concen: 55.230 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058131.D

Acq: 16 Sep 2019 19:47

Instrument :

MSVOA_N

ClientSampleId :

VE-4-11MSD

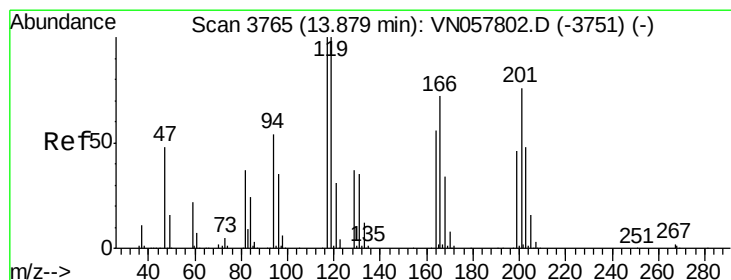
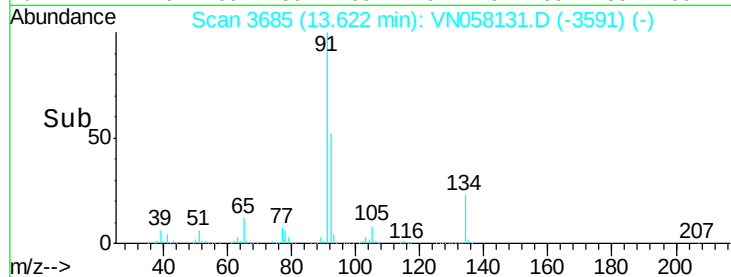
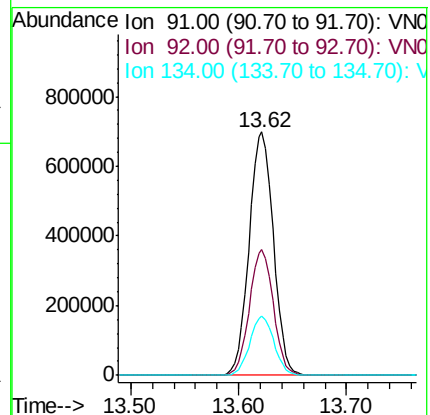
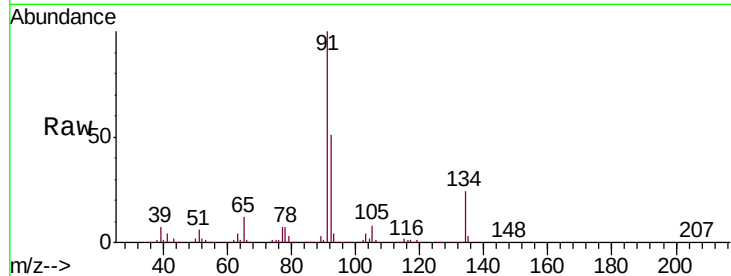
Tgt Ion: 91 Resp: 1092260

Ion Ratio Lower Upper

91 100

92 50.9 25.7 77.0

134 24.1 11.9 35.7



#90

Hexachloroethane

Concen: 58.876 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN058131.D

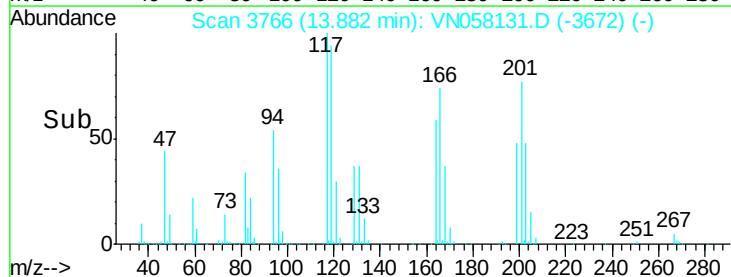
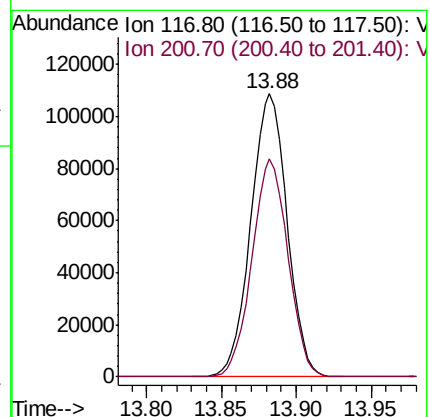
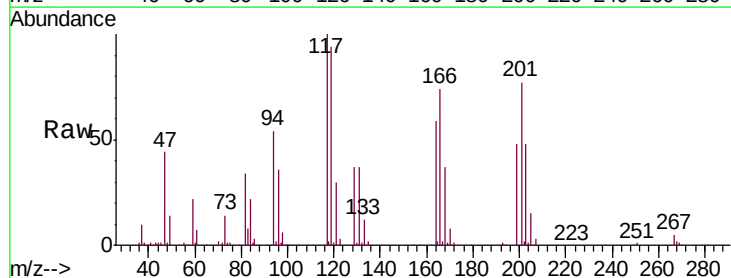
Acq: 16 Sep 2019 19:47

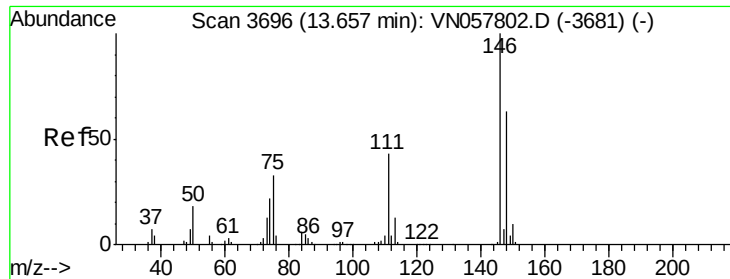
Tgt Ion: 117 Resp: 183367

Ion Ratio Lower Upper

117 100

201 76.5 37.5 112.7

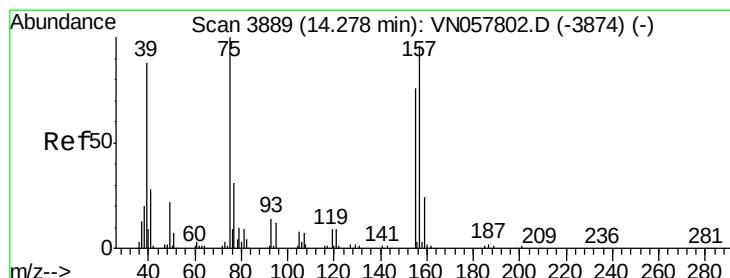
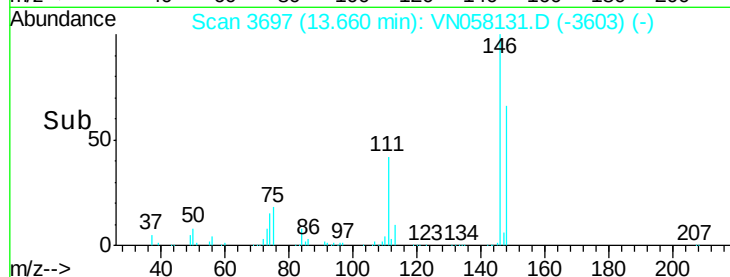
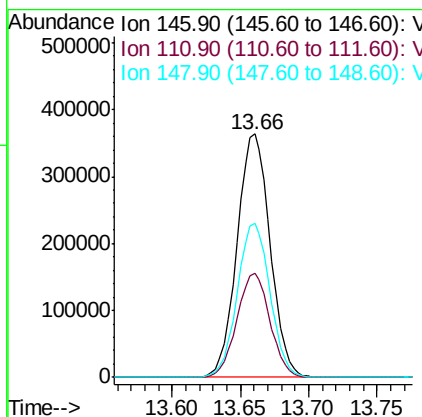
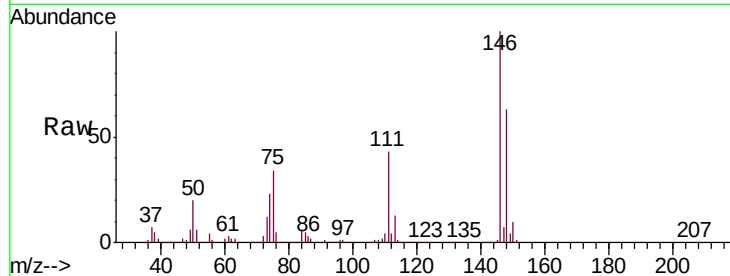




#91
 1,2-Dichlorobenzene
 Concen: 55.974 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

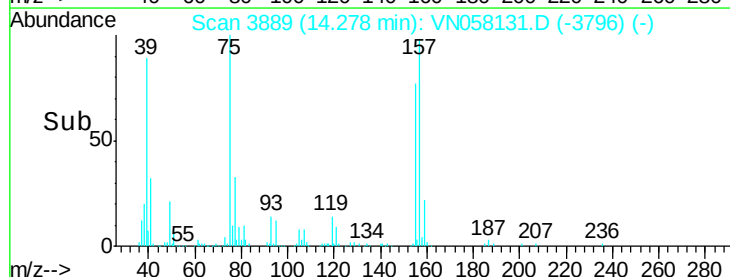
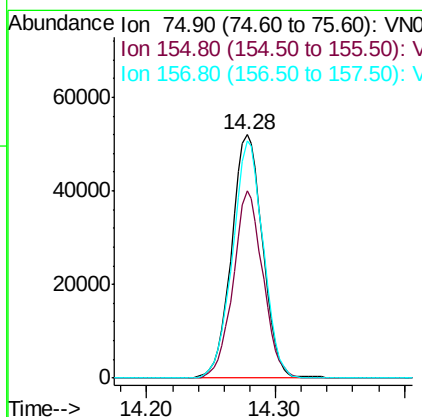
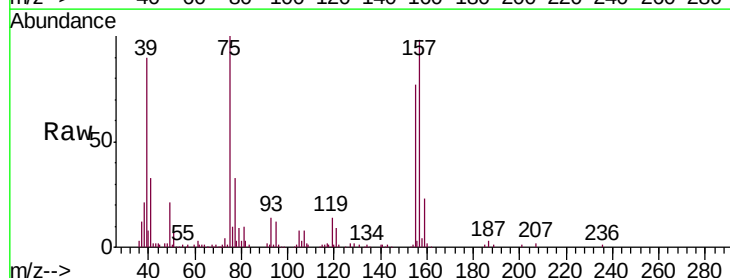
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MSD

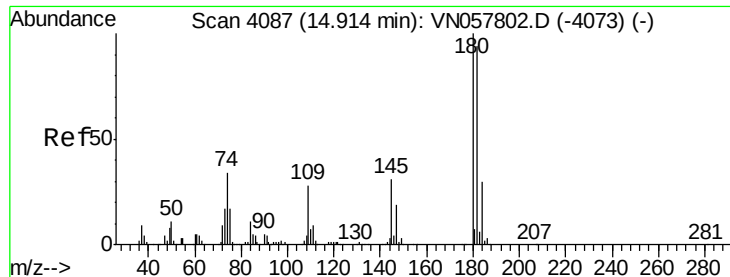
Tgt Ion:146 Resp: 610991
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.3 63.9
 148 62.8 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 65.549 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

Tgt Ion: 75 Resp: 87021
 Ion Ratio Lower Upper
 75 100
 155 73.4 37.3 111.8
 157 95.7 47.9 143.8

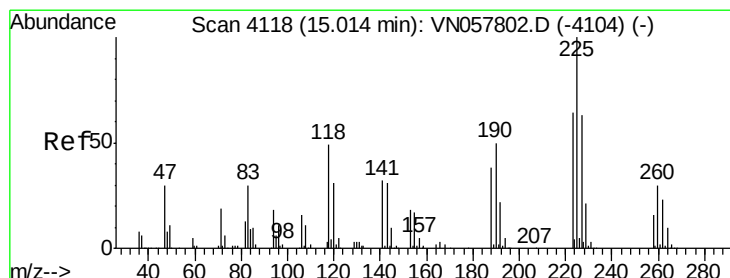
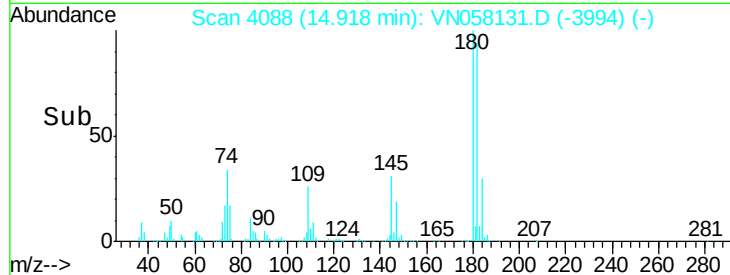
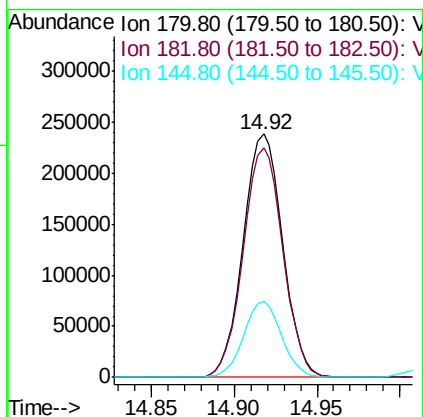
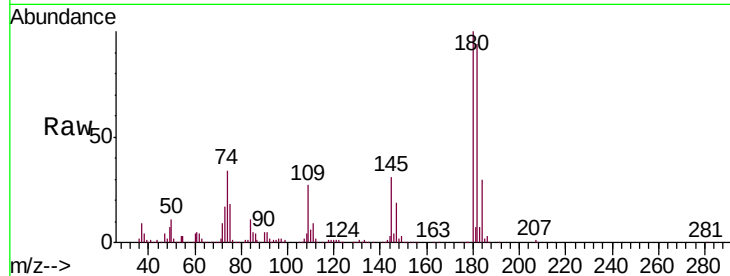




#93
 1,2,4-Trichlorobenzene
 Concen: 55.422 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

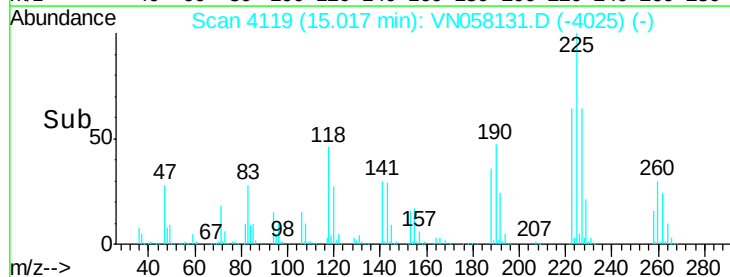
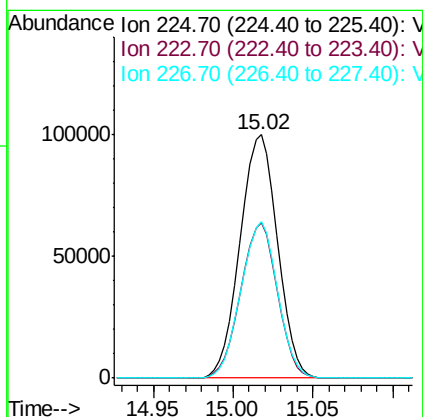
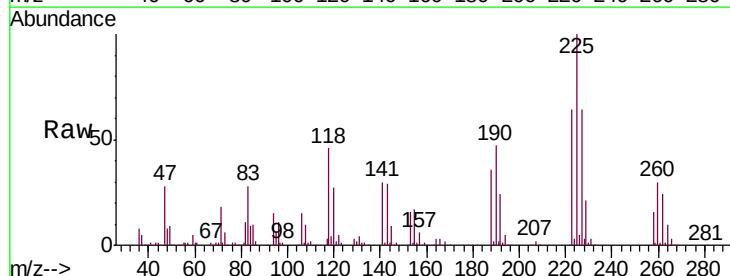
Instrument :
 MSVOA_N
 ClientSampleId :
 VE-4-11MSD

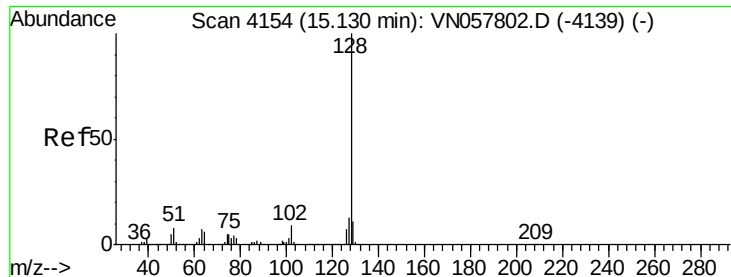
Tgt Ion:180 Resp: 395416
 Ion Ratio Lower Upper
 180 100
 182 94.6 46.9 140.8
 145 30.1 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 52.806 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058131.D
 Acq: 16 Sep 2019 19:47

Tgt Ion:225 Resp: 159707
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.4 97.2
 227 62.9 31.8 95.4

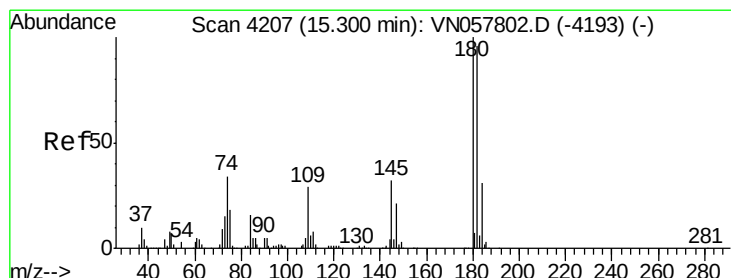
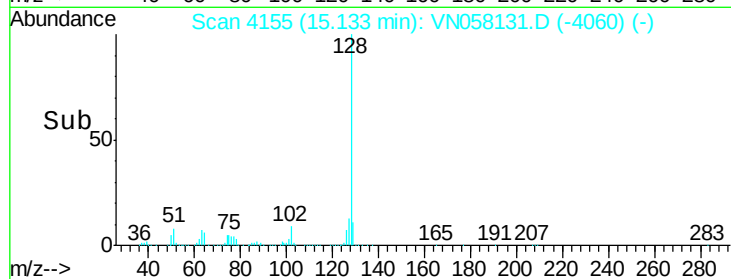
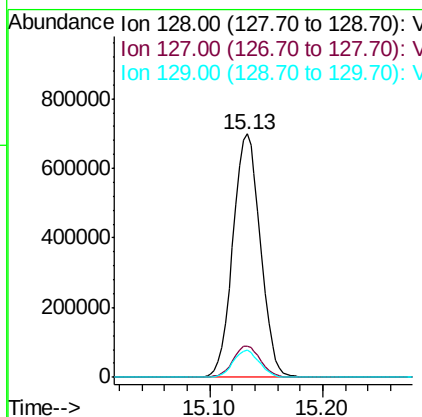
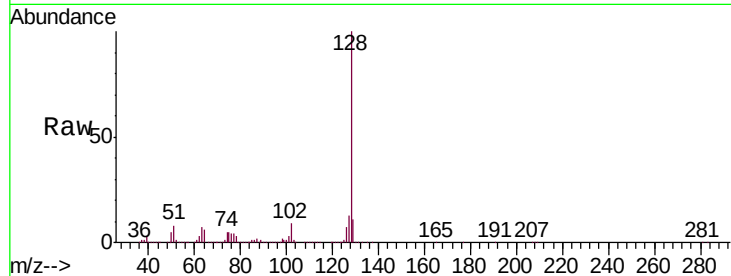




#95
Naphthalene
Concen: 66.086 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Instrument :
MSVOA_N
ClientSampleId :
VE-4-11MSD

Tgt Ion:128 Resp: 1181236
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 59.983 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN058131.D
Acq: 16 Sep 2019 19:47

Tgt Ion:180 Resp: 374873
Ion Ratio Lower Upper
180 100
182 96.6 48.3 144.8
145 32.7 16.3 48.8

