

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056206.D
 Acq On : 11 Jun 2019 7:41
 Operator : JC/SP
 Sample : K3255-15MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Quant Time: Jun 11 09:04:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	273324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	407110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	368207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167933	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	146092	53.83	ug/l	0.00
Spiked Amount			Recovery	=	107.66%	
35) Dibromofluoromethane	7.59	113	133004	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
50) Toluene-d8	10.09	98	488866	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	168939	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	143494	47.803	ug/l	98
3) Chloromethane	2.06	50	155794	52.582	ug/l	100
4) Vinyl Chloride	2.18	62	153247	51.564	ug/l	100
5) Bromomethane	2.53	94	91823	48.910	ug/l	100
6) Chloroethane	2.68	64	87433	50.740	ug/l	99
7) Trichlorofluoromethane	3.00	101	191765	50.543	ug/l	99
8) Diethyl Ether	3.40	74	77425	49.623	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	115254	50.007	ug/l	99
10) Methyl Iodide	3.94	142	173446	47.356	ug/l	99
11) Tert butyl alcohol	4.81	59	131010	277.403	ug/l #	89
12) 1,1-Dichloroethene	3.72	96	119758	52.193	ug/l	94
13) Acrolein	3.60	56	39800	292.202	ug/l	96
14) Allyl chloride	4.31	41	179064	49.422	ug/l	98
15) Acrylonitrile	4.99	53	342902	298.267	ug/l	100
16) Acetone	3.82	43	284642	219.299	ug/l	100
17) Carbon Disulfide	4.04	76	268259	48.829	ug/l	99
18) Methyl Acetate	4.33	43	126919	49.778	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	383415	52.423	ug/l	99
20) Methylene Chloride	4.54	84	139719	52.249	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	129407	52.637	ug/l	96
22) Diisopropyl ether	5.96	45	391651	52.293	ug/l	96
23) Vinyl Acetate	5.89	43	1295784	219.696	ug/l	99
24) 1,1-Dichloroethane	5.84	63	230375	53.324	ug/l	100
25) 2-Butanone	6.84	43	443150	270.224	ug/l	100
26) 2,2-Dichloropropane	6.82	77	79548	23.596	ug/l	91
27) cis-1,2-Dichloroethene	6.83	96	151139	52.300	ug/l	92
28) Bromochloromethane	7.19	49	111970	54.805	ug/l	96
29) Tetrahydrofuran	7.22	42	295072	291.082	ug/l	100
30) Chloroform	7.37	83	234985	54.068	ug/l	98
31) Cyclohexane	7.65	56	197418	45.843	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	193885	53.423	ug/l	100
36) 1,1-Dichloropropene	7.79	75	168958	48.266	ug/l	99
37) Ethyl Acetate	6.93	43	144802	46.490	ug/l	99
38) Carbon Tetrachloride	7.77	117	168621	52.248	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056206.D
 Acq On : 11 Jun 2019 7:41
 Operator : JC/SP
 Sample : K3255-15MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 RE123D1-20190605MSD

Quant Time: Jun 11 09:04:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	190094	43.592	ug/l	99
40) Benzene	8.04	78	536431	50.454	ug/l	100
41) Methacrylonitrile	7.18	41	83496	58.265	ug/l	98
42) 1,2-Dichloroethane	8.12	62	174470	51.015	ug/l	99
43) Isopropyl Acetate	8.17	43	238902	47.333	ug/l #	91
44) Trichloroethene	8.83	130	190429	62.332	ug/l	97
45) 1,2-Dichloropropane	9.12	63	142000	52.142	ug/l	99
46) Dibromomethane	9.21	93	95777	53.782	ug/l	98
47) Bromodichloromethane	9.40	83	178563	55.323	ug/l	99
48) Methyl methacrylate	9.20	41	133919	54.235	ug/l	96
49) 1,4-Dioxane	9.20	88	60848	1141.442	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	875176	277.281	ug/l	100
52) Toluene	10.16	92	334664	50.585	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	157374	41.991	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	184024	47.433	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	139163	53.102	ug/l	98
56) Ethyl methacrylate	10.43	69	202684	53.013	ug/l	98
57) 1,3-Dichloropropane	10.71	76	225659	52.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.74	63	1237	15.642	ug/l #	46
59) 2-Hexanone	10.75	43	619224	270.687	ug/l	100
60) Dibromochloromethane	10.90	129	149960	51.791	ug/l	98
61) 1,2-Dibromoethane	11.00	107	144406	53.901	ug/l	98
64) Tetrachloroethene	10.63	164	147999	46.435	ug/l	99
65) Chlorobenzene	11.43	112	369911	50.479	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	139720	55.219	ug/l	99
67) Ethyl Benzene	11.51	91	625640	49.099	ug/l	99
68) m/p-Xylenes	11.62	106	483219	99.270	ug/l	98
69) o-Xylene	11.95	106	239620	50.044	ug/l	99
70) Styrene	11.96	104	398478	52.378	ug/l	99
71) Bromoform	12.13	173	112493	52.793	ug/l #	99
73) Isopropylbenzene	12.25	105	619361	51.830	ug/l	99
74) N-amyl acetate	12.07	43	179468	40.091	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	195844	50.236	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	214674	69.473	ug/l #	100
77) Bromobenzene	12.53	156	175354	48.772	ug/l	94
78) n-propylbenzene	12.59	91	653030	45.965	ug/l	99
79) 2-Chlorotoluene	12.67	91	407164	51.751	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	511995	45.345	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37296	40.195	ug/l	90
82) 4-Chlorotoluene	12.77	91	391866	47.146	ug/l	99
83) tert-Butylbenzene	12.99	119	455613	52.122	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	504465	47.114	ug/l	99
85) sec-Butylbenzene	13.17	105	574339	45.649	ug/l	100
86) p-Isopropyltoluene	13.29	119	514613	45.702	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	274500	49.329	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	263451	49.216	ug/l	99
89) n-Butylbenzene	13.61	91	362983	43.516	ug/l	100
90) Hexachloroethane	13.87	117	87134	51.312	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	278881	49.639	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31563	56.605	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
Data File : VN056206.D
Acq On : 11 Jun 2019 7:41
Operator : JC/SP
Sample : K3255-15MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Quant Time: Jun 11 09:04:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

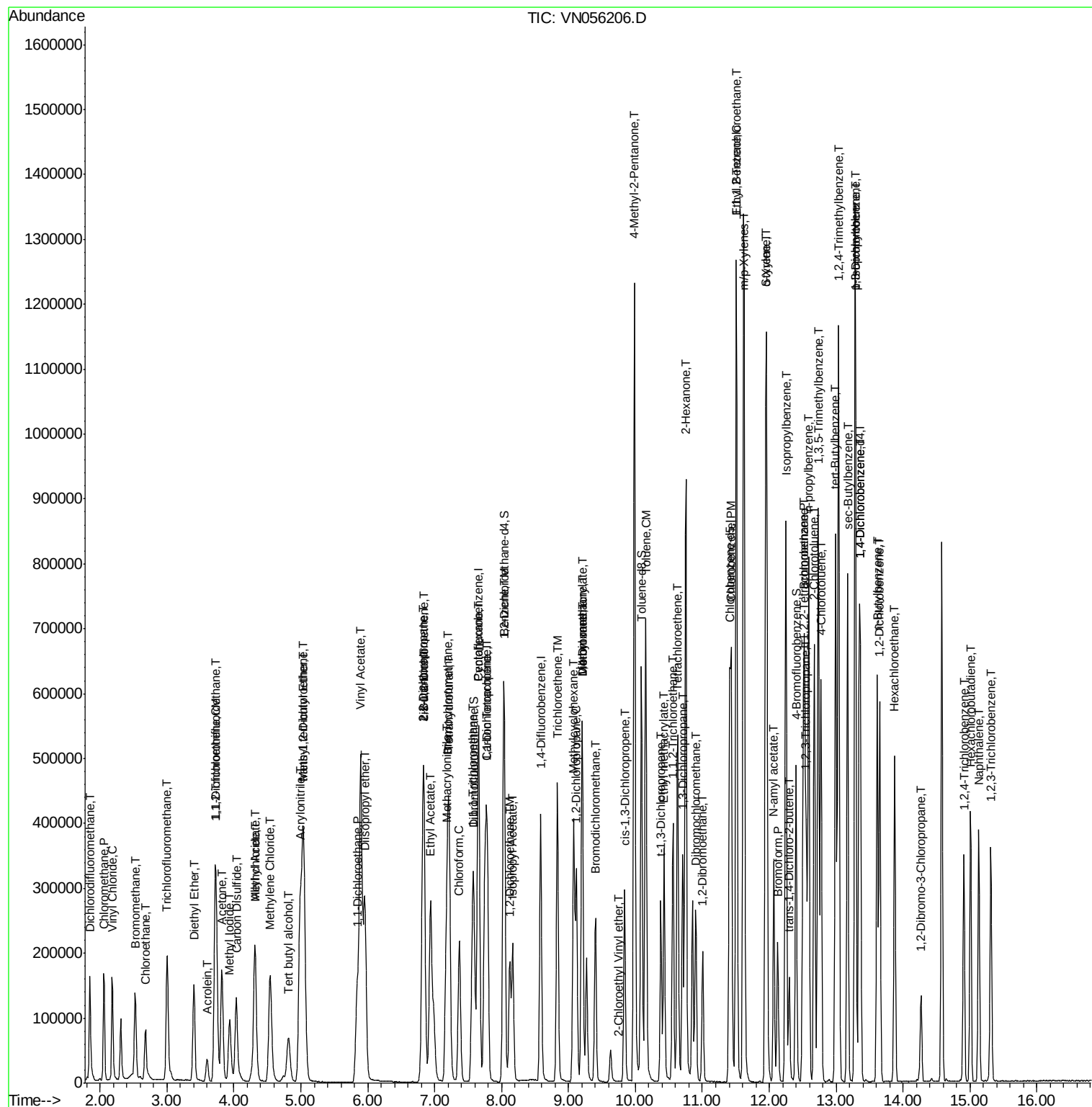
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	129153	42.424	ug/l	98
94) Hexachlorobutadiene	15.01	225	96426	50.044	ug/l	99
95) Naphthalene	15.13	128	351610	44.254	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	145999	46.499	ug/l	99

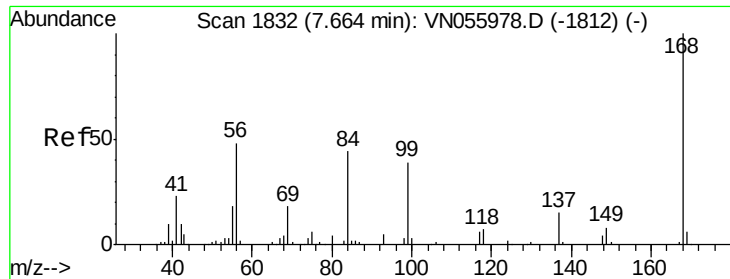
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061019\
Data File : VN056206.D
Acq On : 11 Jun 2019 7:41
Operator : JC/SP
Sample : K3255-15MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Quant Time: Jun 11 09:04:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

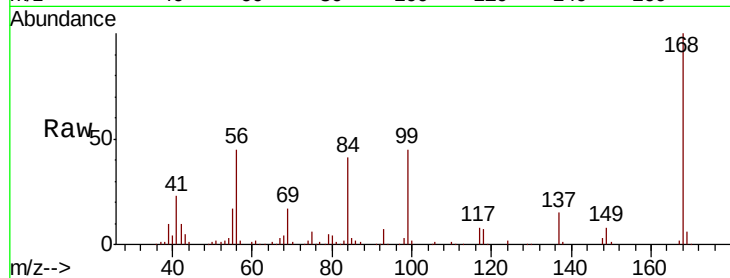
RE123D1-20190605MSD

Tot Ion:168 Resp: 273324

Ion Ratio Lower Upper

168 100

99 44.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

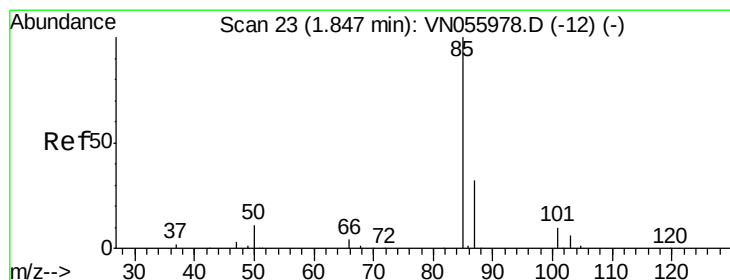
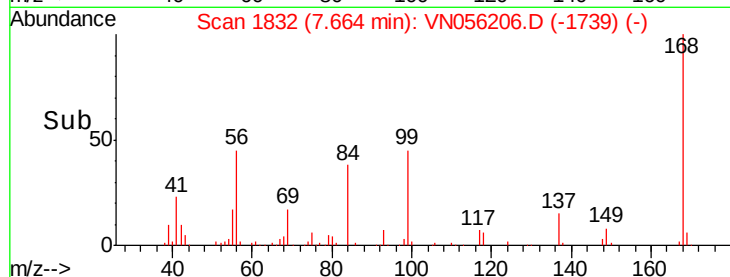
7.66

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 47.803 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056206.D

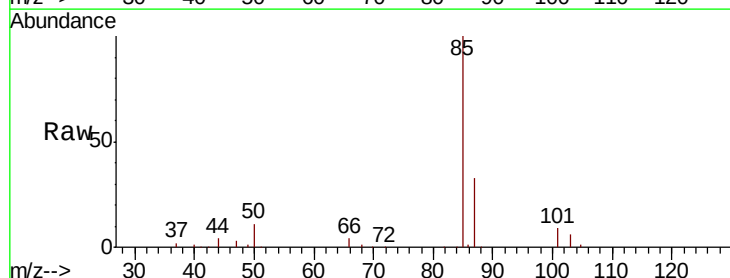
Acq: 11 Jun 2019 7:41

Tgt Ion: 85 Resp: 143494

Ion Ratio Lower Upper

85 100

87 33.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

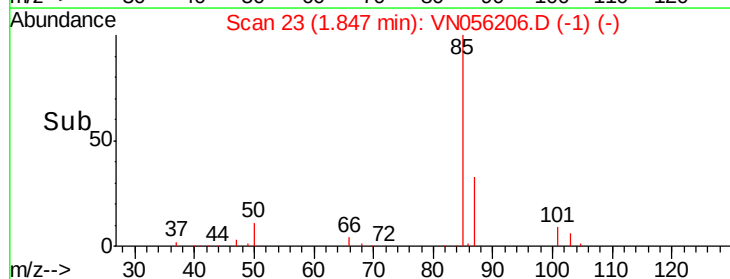
60000

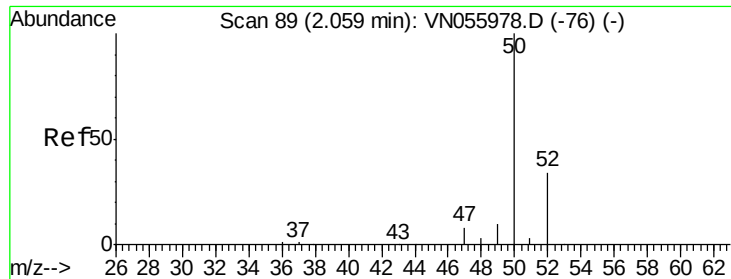
40000

20000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 52.582 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

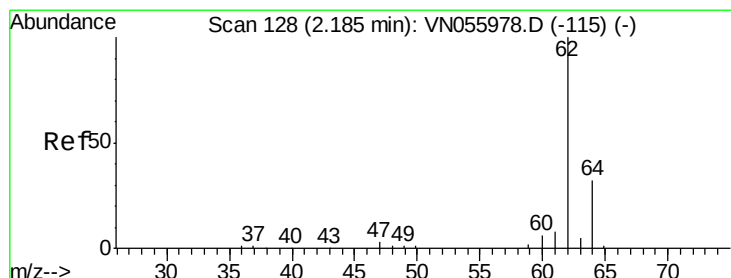
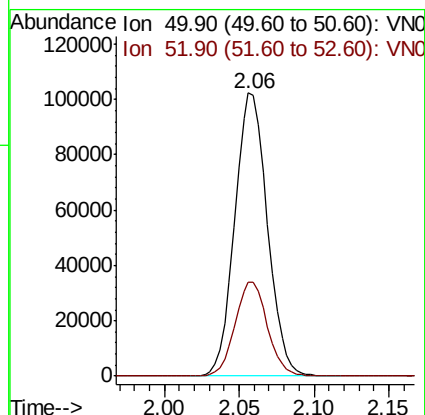
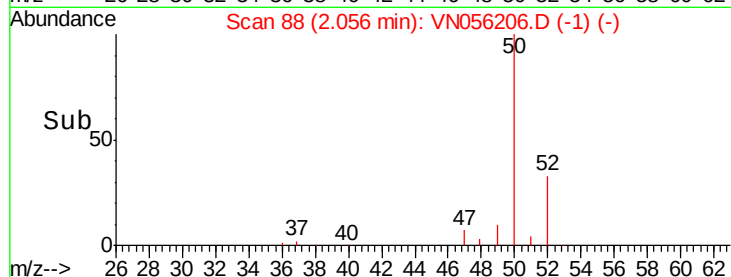
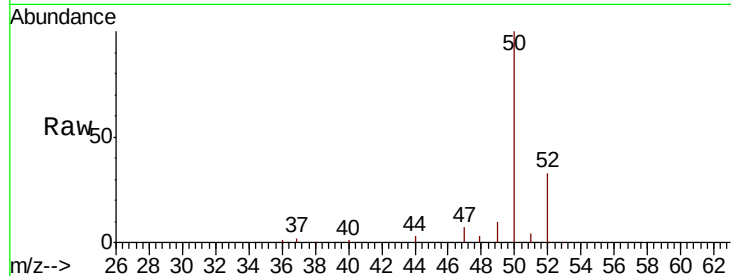
RE123D1-20190605MSD

Tot Ion: 50 Resp: 155794

Ion Ratio Lower Upper

50 100

52 33.2 26.6 40.0



#4

Vinyl Chloride

Concen: 51.564 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056206.D

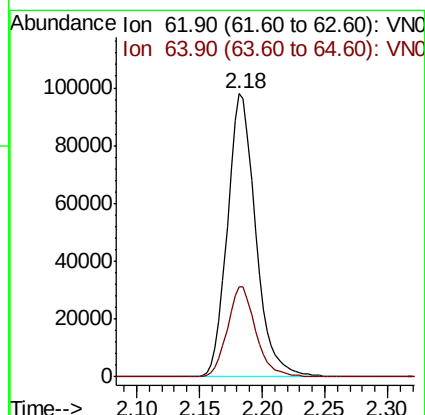
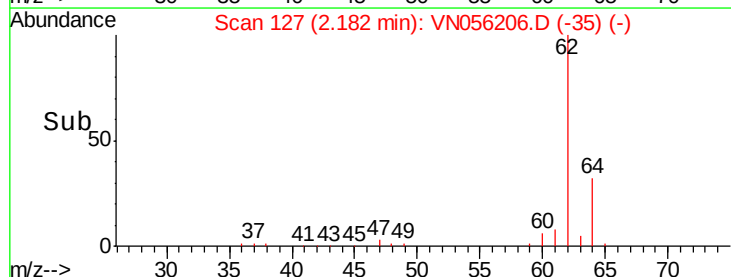
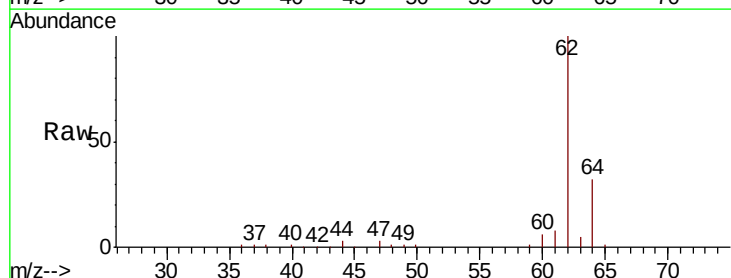
Acq: 11 Jun 2019 7:41

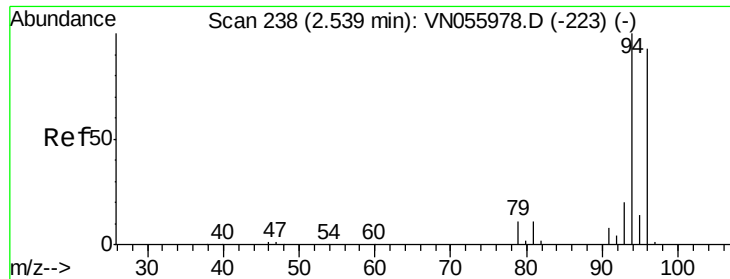
Tgt Ion: 62 Resp: 153247

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4





#5

Bromomethane

Concen: 48.910 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

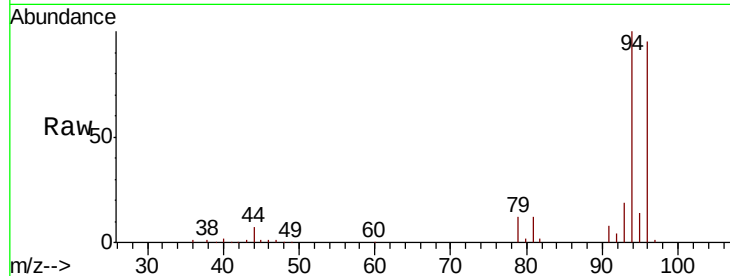
RE123D1-20190605MSD

Tot Ion: 94 Resp: 91823

Ion Ratio Lower Upper

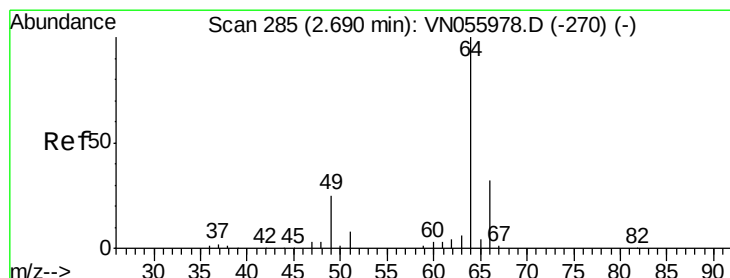
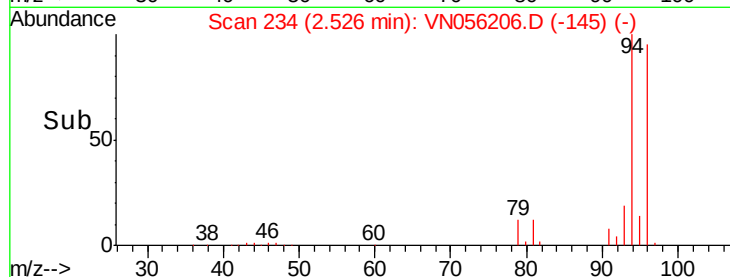
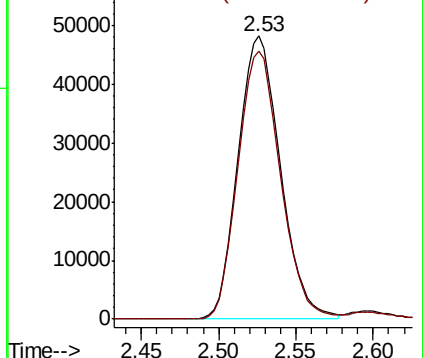
94 100

96 94.9 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.740 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.01 min

Lab File: VN056206.D

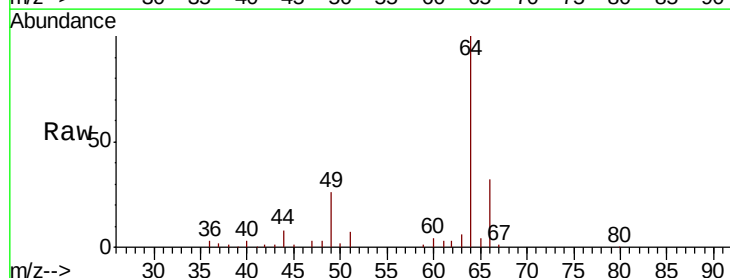
Acq: 11 Jun 2019 7:41

Tgt Ion: 64 Resp: 87433

Ion Ratio Lower Upper

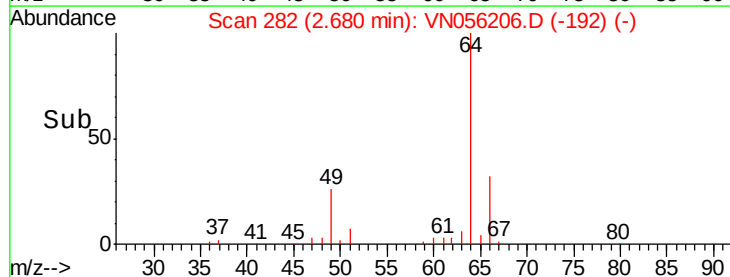
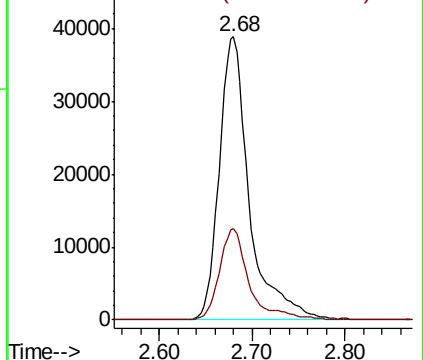
64 100

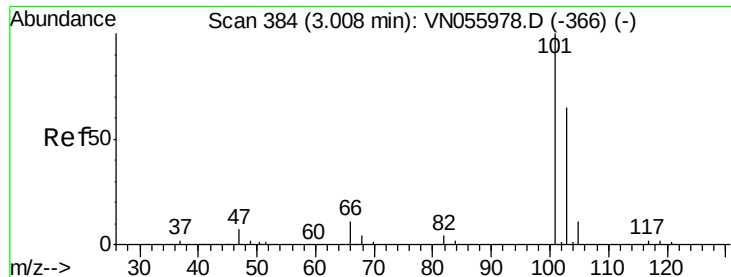
66 32.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



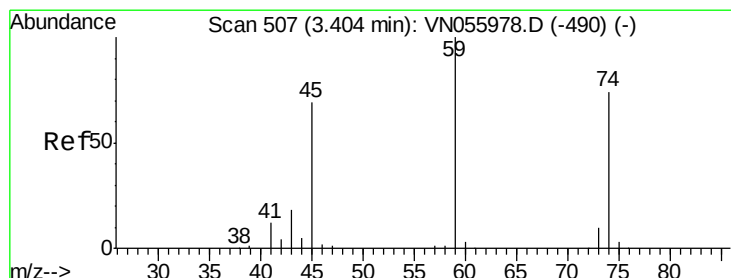
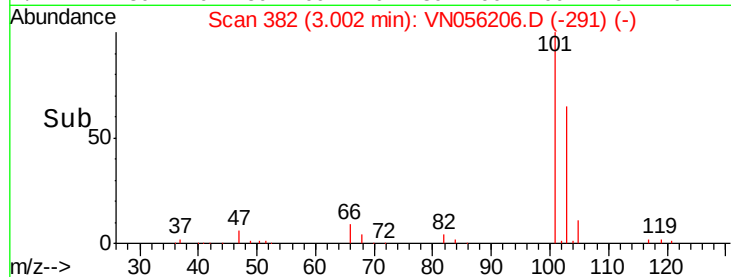
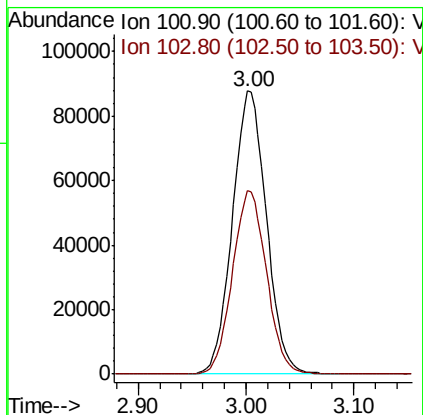
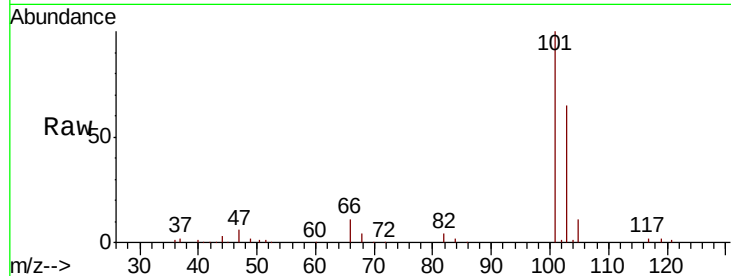


#7

Trichlorofluoromethane
 Concen: 50.543 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

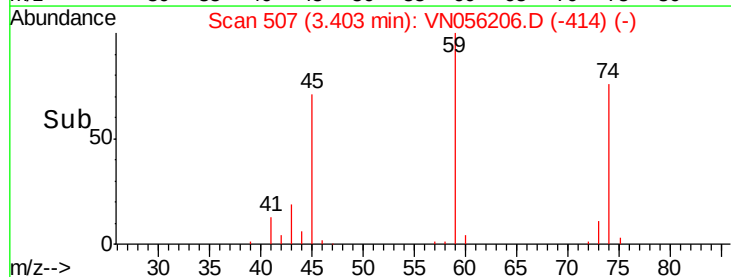
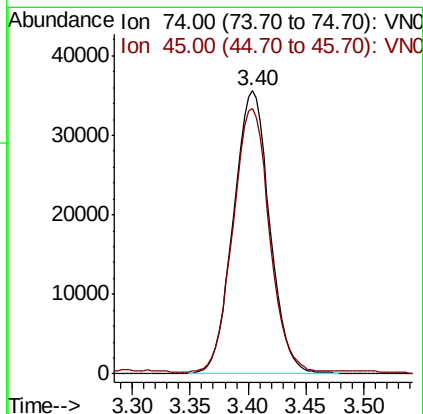
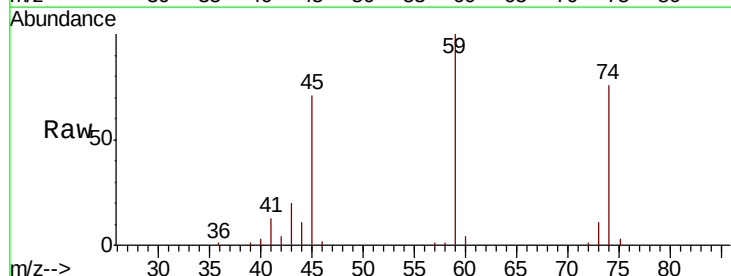
Tot Ion:101 Resp: 191765
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.2 76.8

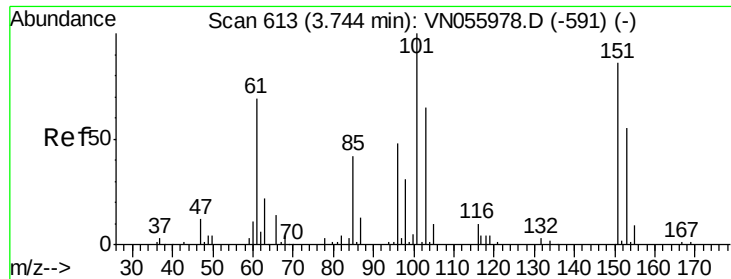


#8

Diethyl Ether
 Concen: 49.623 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 74 Resp: 77425
 Ion Ratio Lower Upper
 74 100
 45 94.0 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.007 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

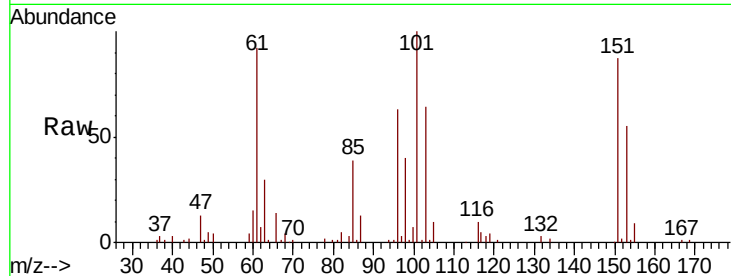
Tot Ion:101 Resp: 115254

Ion Ratio Lower Upper

101 100

85 41.1 33.4 50.2

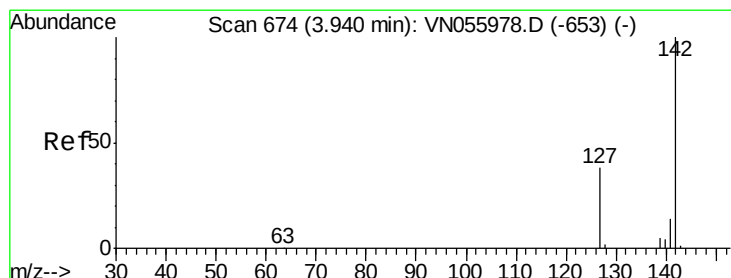
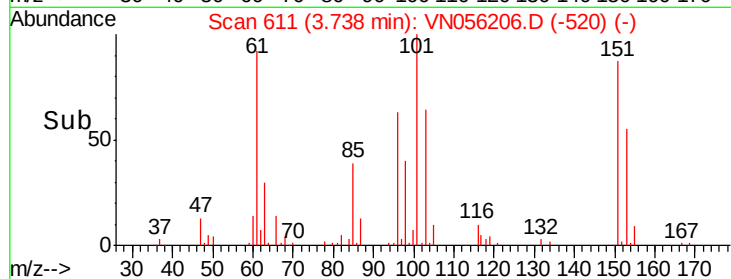
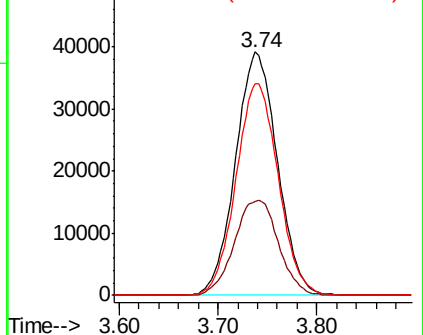
151 87.7 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.356 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

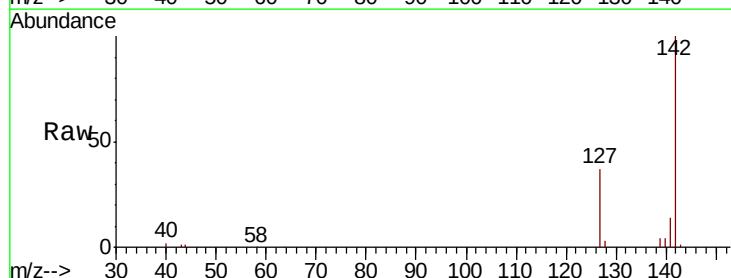
Tgt Ion:142 Resp: 173446

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.4

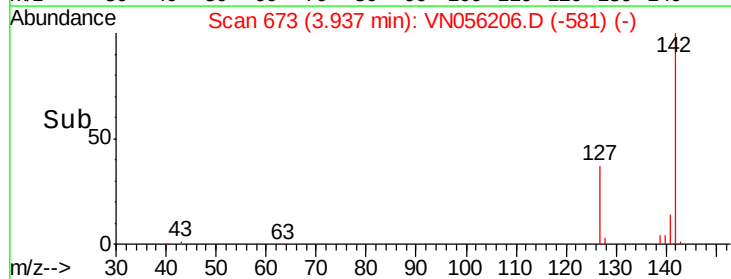
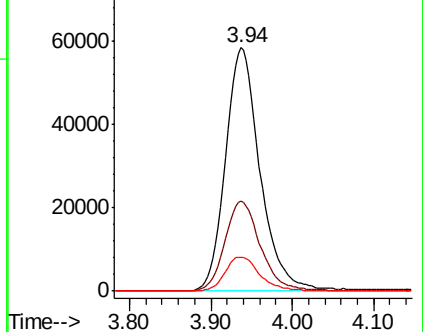
141 14.0 11.4 17.0

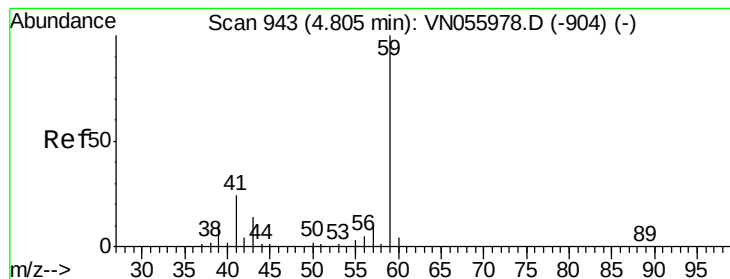


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



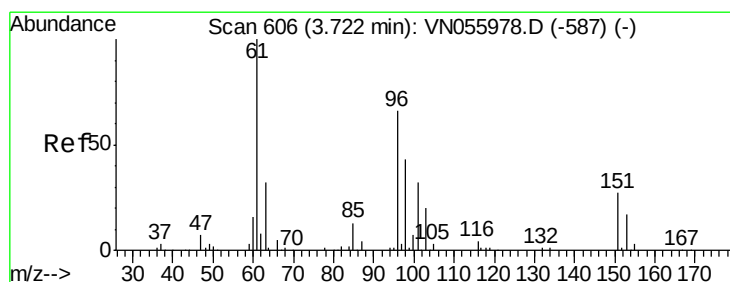
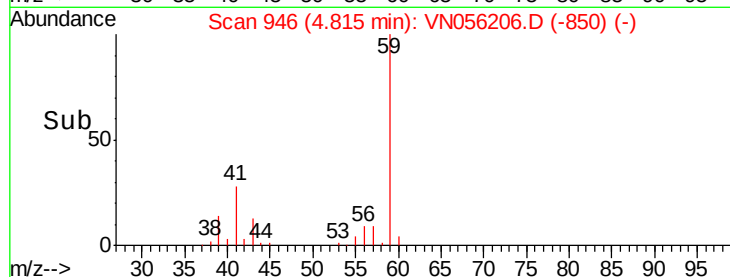
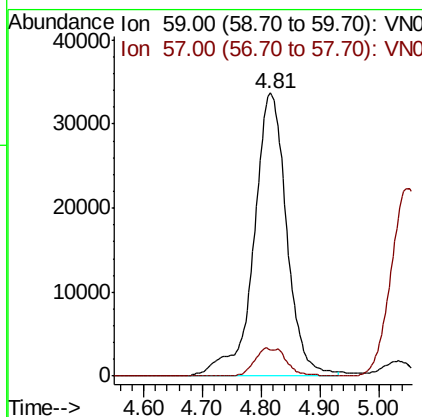
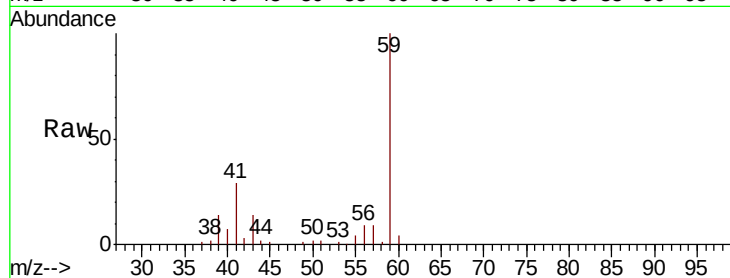


#11

Tert butyl alcohol
 Concen: 277.403 ug/l
 RT: 4.81 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

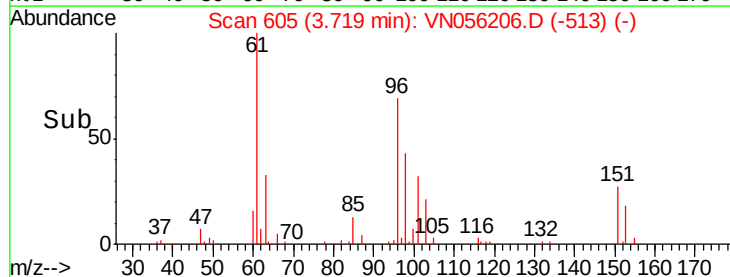
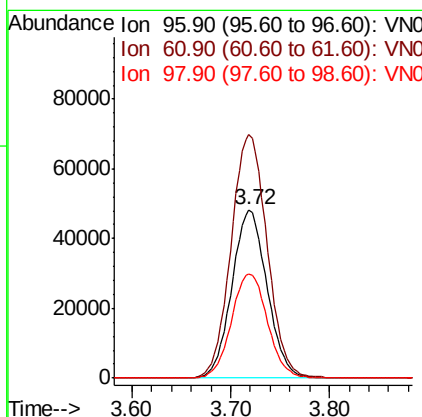
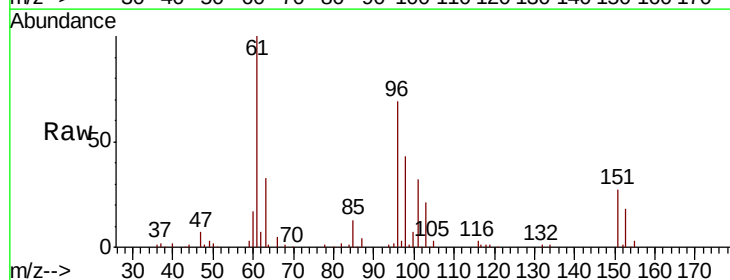
Tot Ion: 59 Resp: 131010
 Ion Ratio Lower Upper
 59 100
 57 5.6 7.8 11.6#

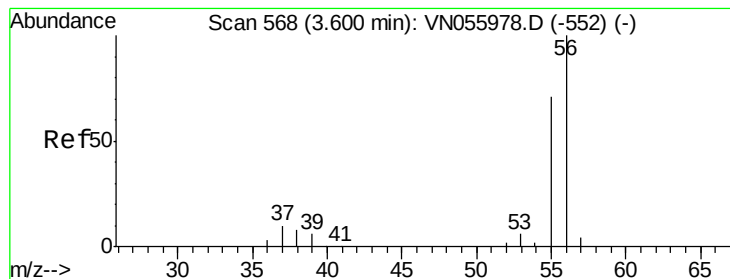


#12

1,1-Dichloroethene
 Concen: 52.193 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 96 Resp: 119758
 Ion Ratio Lower Upper
 96 100
 61 144.4 123.2 184.8
 98 62.1 50.4 75.6





#13

Acrolein

Concen: 292.202 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

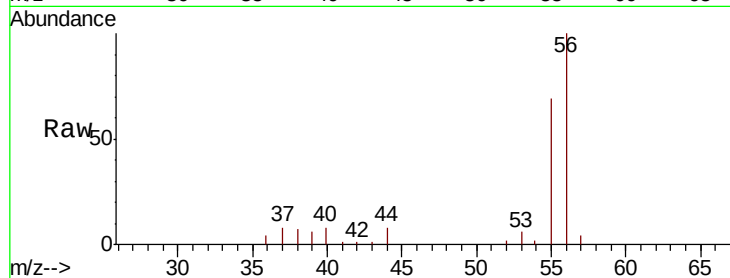
RE123D1-20190605MSD

Tot Ion: 56 Resp: 39800

Ion Ratio Lower Upper

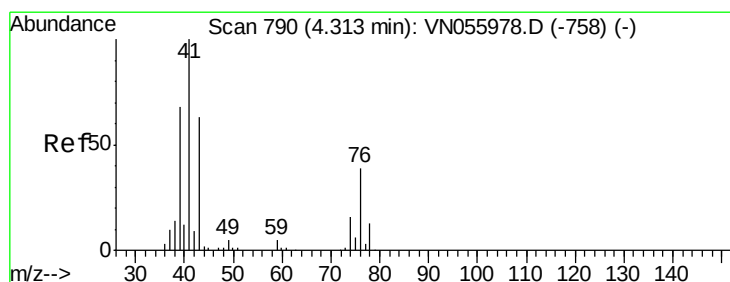
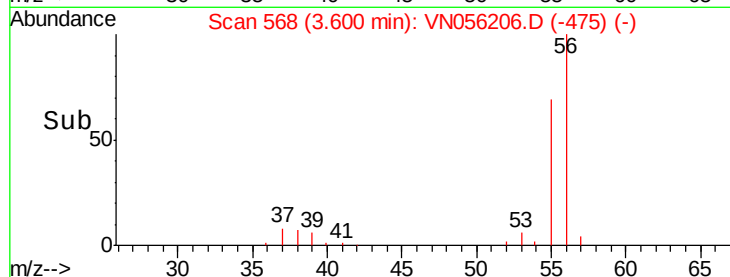
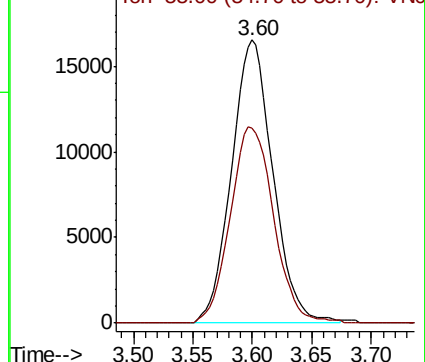
56 100

55 72.9 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.422 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

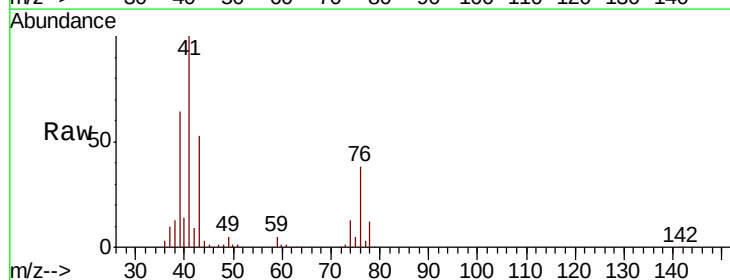
Tgt Ion: 41 Resp: 179064

Ion Ratio Lower Upper

41 100

39 60.5 50.0 75.0

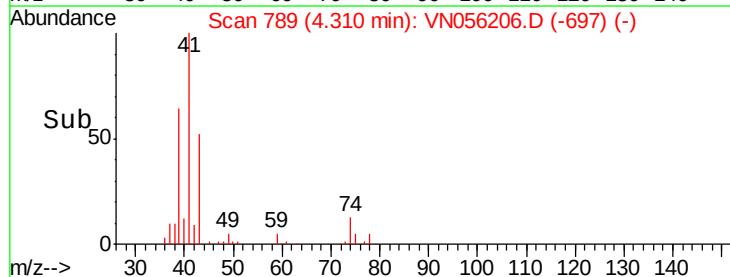
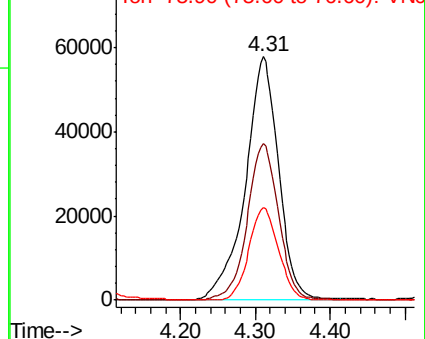
76 33.8 28.2 42.2

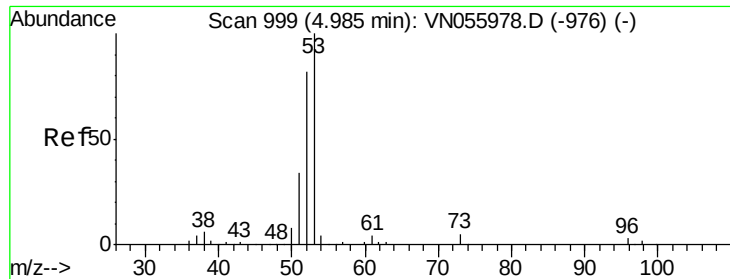


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

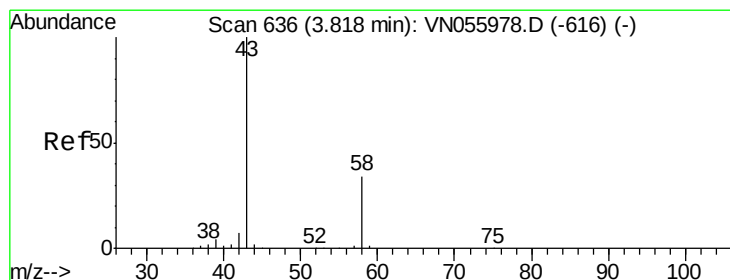
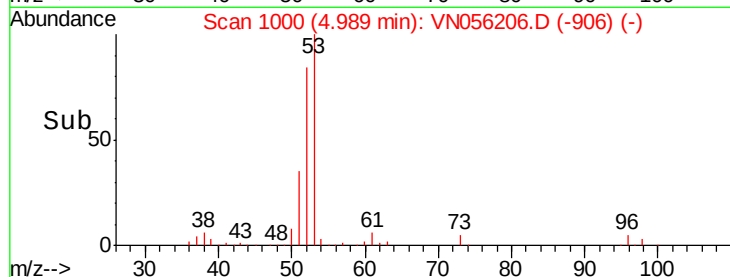
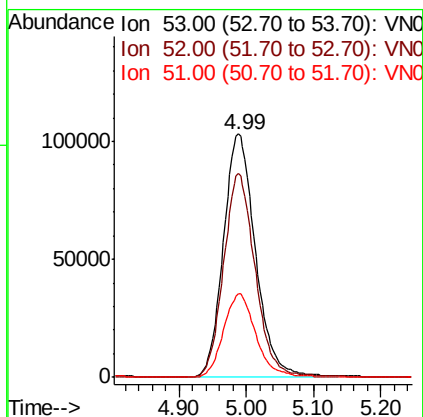
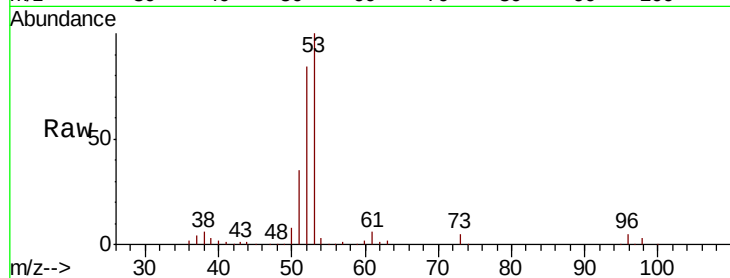




#15
 Acrylonitrile
 Concen: 298.267 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

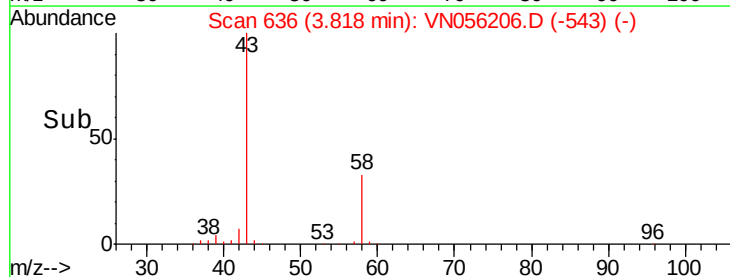
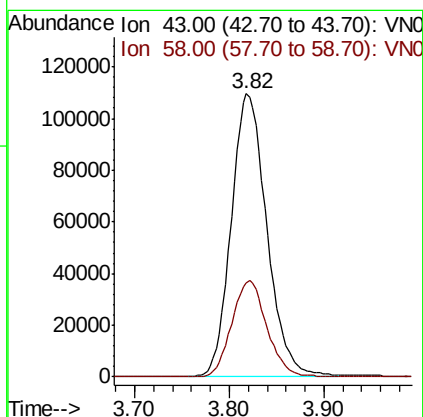
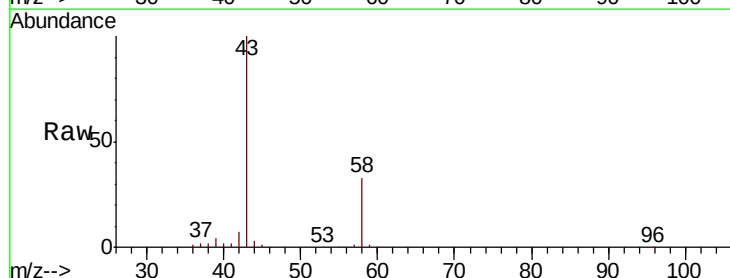
Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

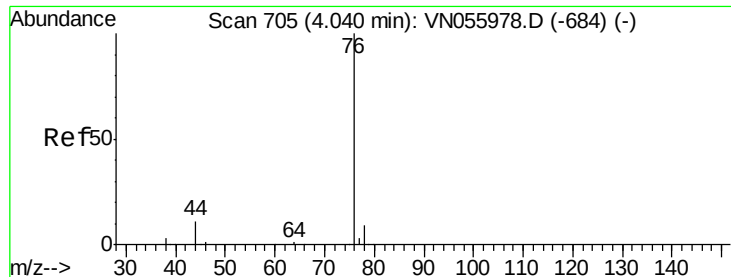
Tot Ion: 53 Resp: 342902
 Ion Ratio Lower Upper
 53 100
 52 82.3 65.8 98.8
 51 34.8 28.2 42.4



#16
 Acetone
 Concen: 219.299 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 43 Resp: 284642
 Ion Ratio Lower Upper
 43 100
 58 33.5 26.6 39.8





#17

Carbon Disulfide

Concen: 48.829 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

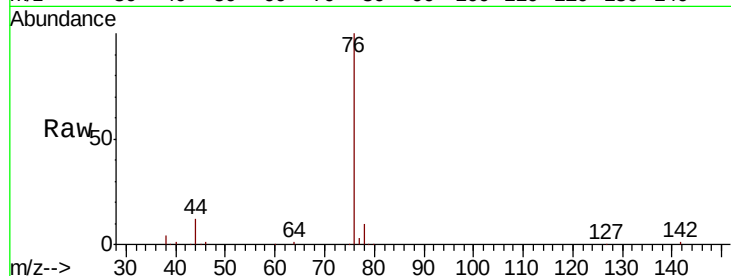
RE123D1-20190605MSD

Tot Ion: 76 Resp: 268259

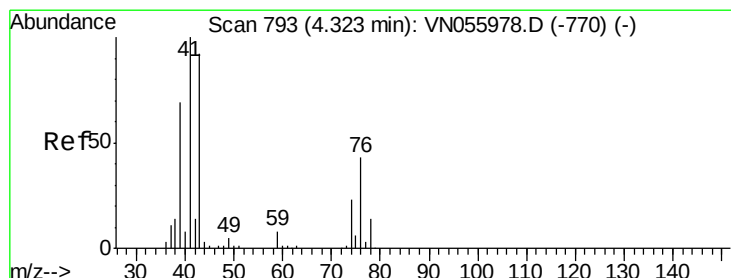
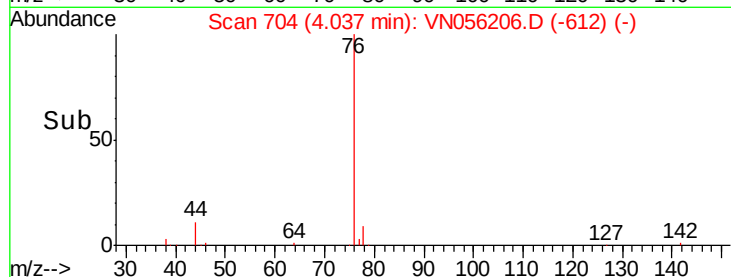
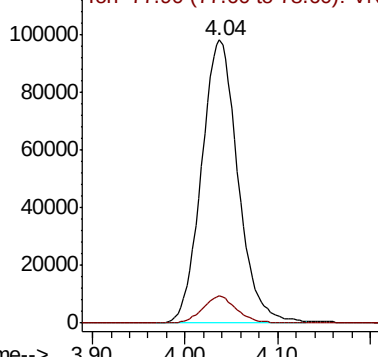
Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



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



#18

Methyl Acetate

Concen: 49.778 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056206.D

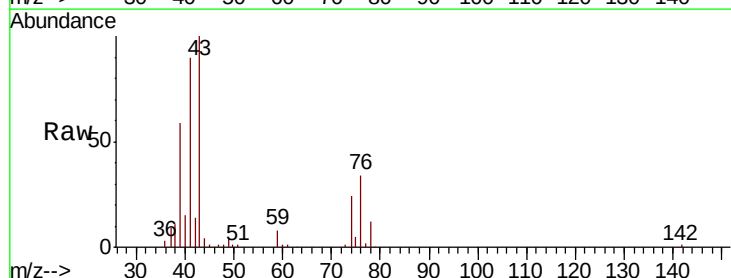
Acq: 11 Jun 2019 7:41

Tgt Ion: 43 Resp: 126919

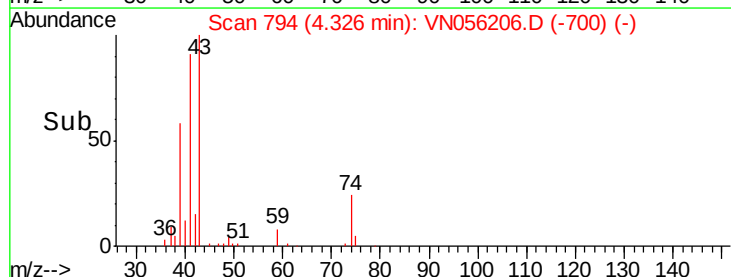
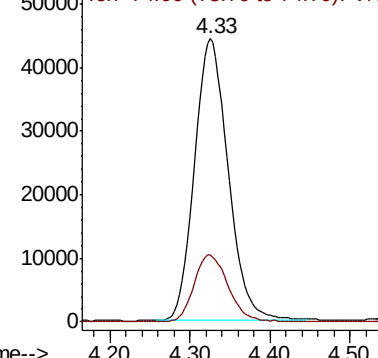
Ion Ratio Lower Upper

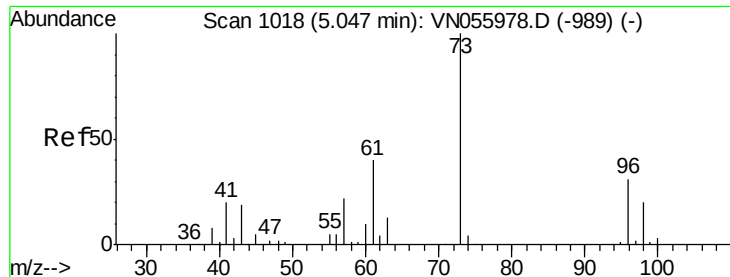
43 100

74 24.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

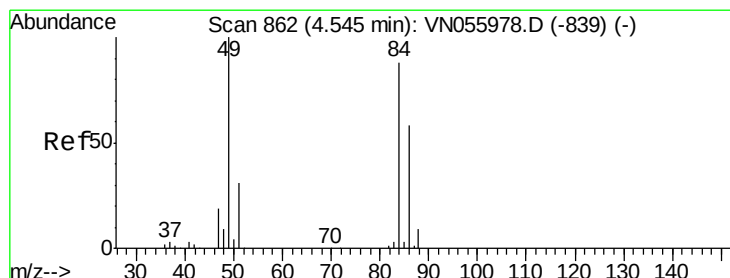
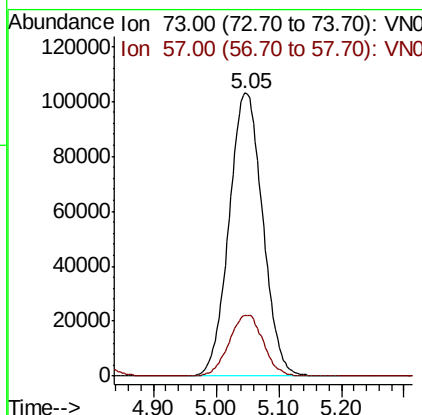
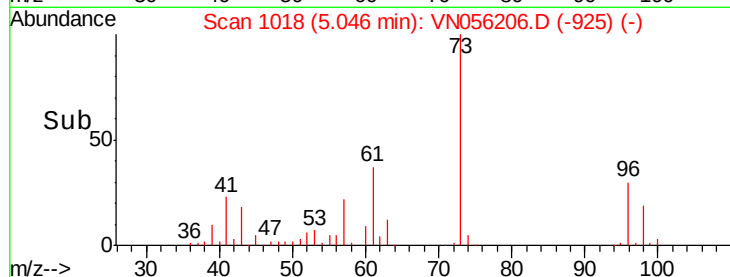
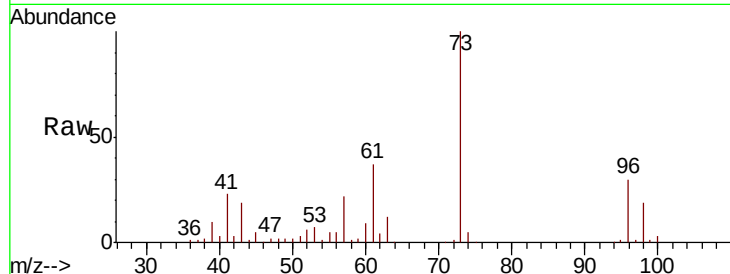




#19
Methvl tert-butvl Ether
Concen: 52.423 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

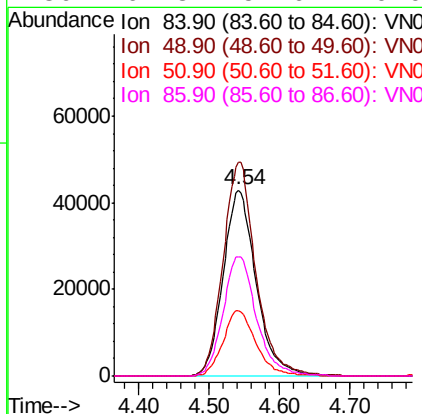
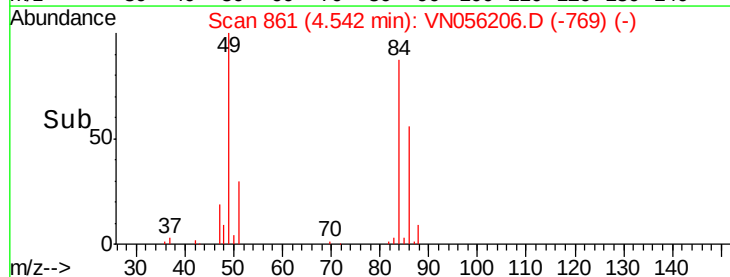
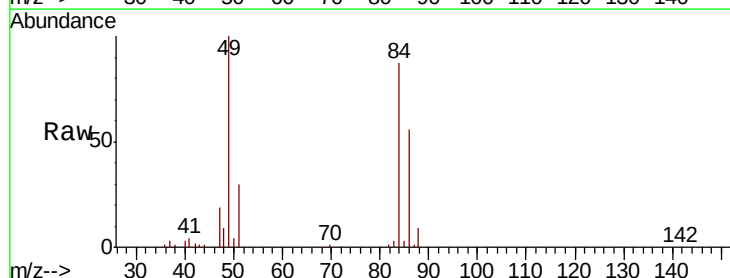
Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

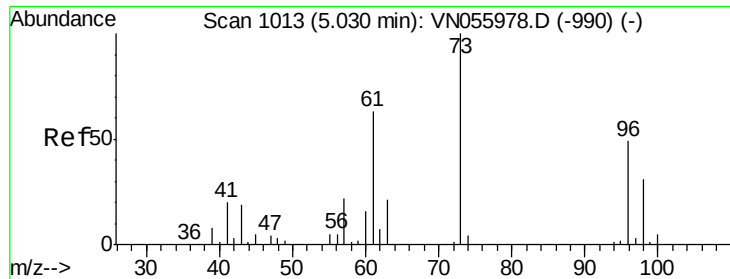
Tot Ion: 73 Resp: 383415
Ion Ratio Lower Upper
73 100
57 21.6 17.8 26.8



#20
Methylene Chloride
Concen: 52.249 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 84 Resp: 139719
Ion Ratio Lower Upper
84 100
49 114.9 93.5 140.3
51 34.8 28.6 43.0
86 64.3 52.6 79.0

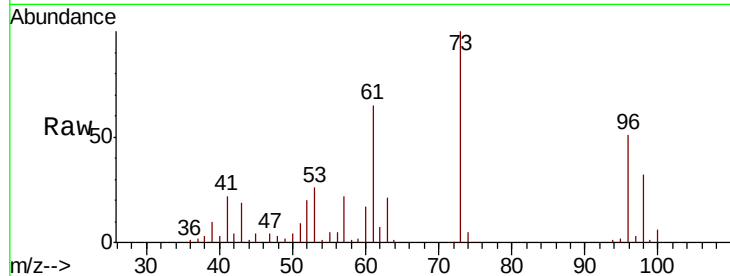




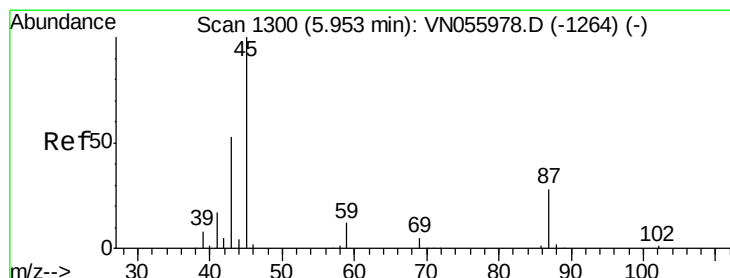
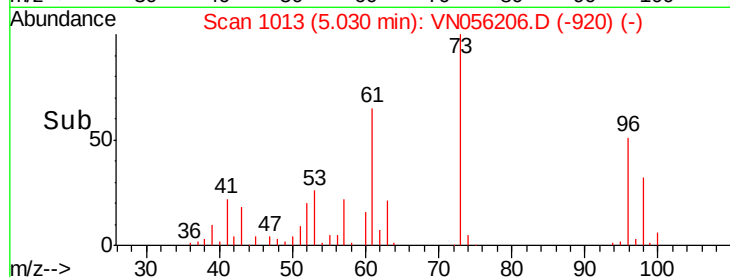
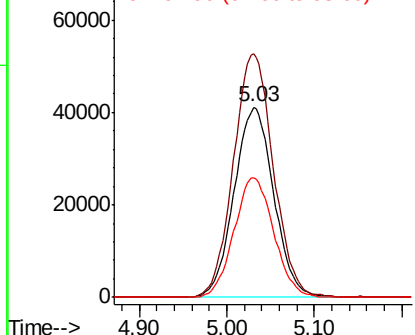
#21
trans-1,2-Dichloroethene
Concen: 52.637 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion: 96 Resp: 129407
Ion Ratio Lower Upper
96 100
61 128.1 107.8 161.8
98 63.1 49.8 74.8

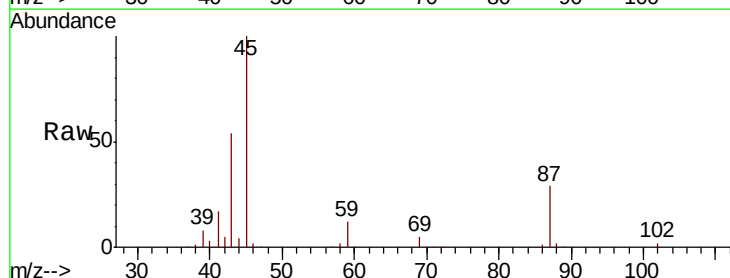


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

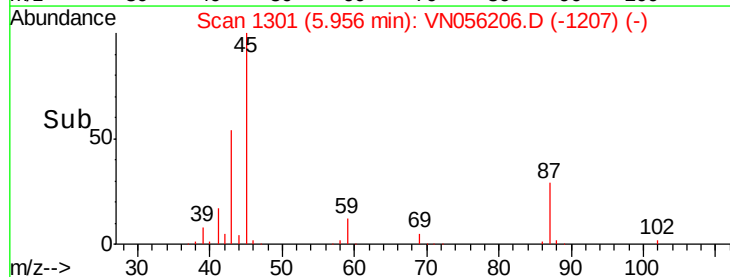
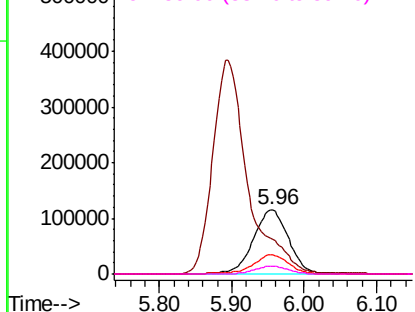


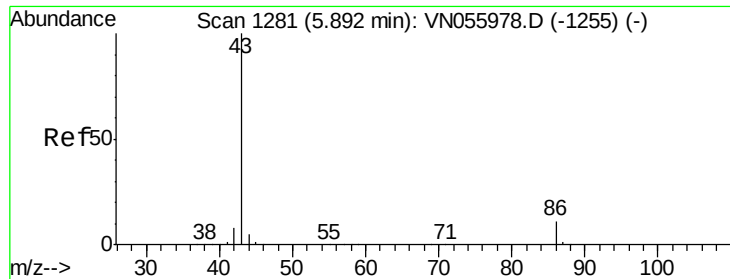
#22
Diisopropyl ether
Concen: 52.293 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 45 Resp: 391651
Ion Ratio Lower Upper
45 100
43 52.4 45.0 67.6
87 29.0 22.2 33.4
59 12.0 9.1 13.7



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





#23

Vinyl Acetate

Concen: 219.696 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

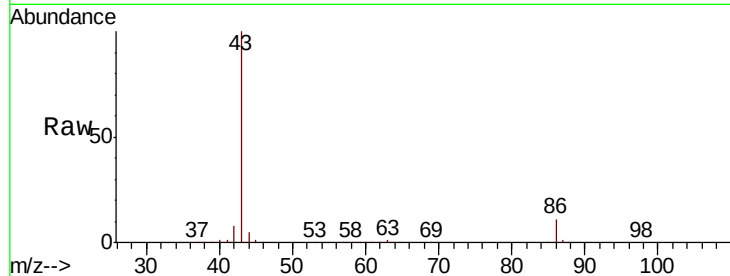
RE123D1-20190605MSD

Tot Ion: 43 Resp: 1295784

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1255) (-)

Ion 86.00 (85.70 to 86.70): VN055978.D (-1255) (-)

5.89

400000

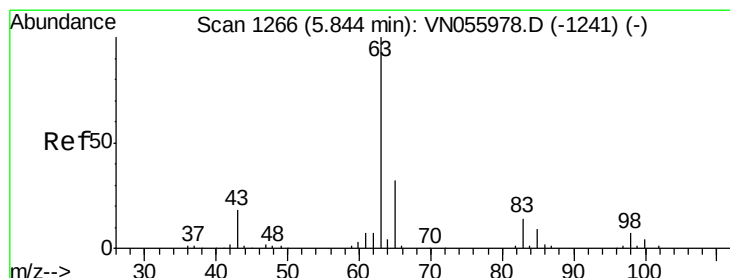
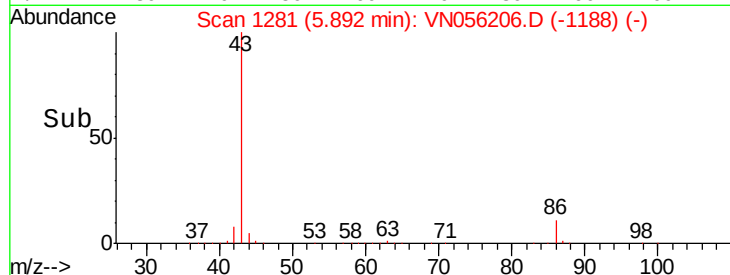
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 53.324 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

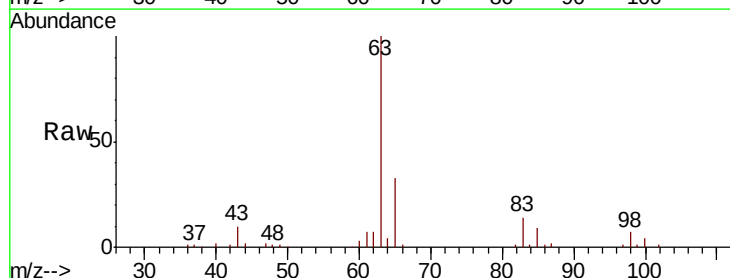
Tgt Ion: 63 Resp: 230375

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055978.D (-1241) (-)

5.84

100000

80000

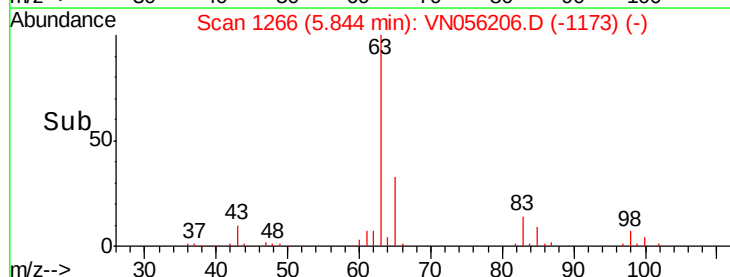
60000

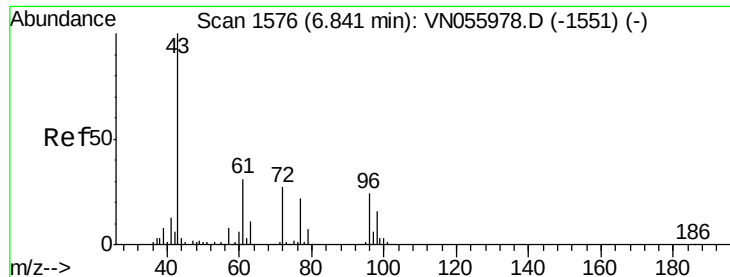
40000

20000

0

Time--> 5.70 5.80 5.90 6.00

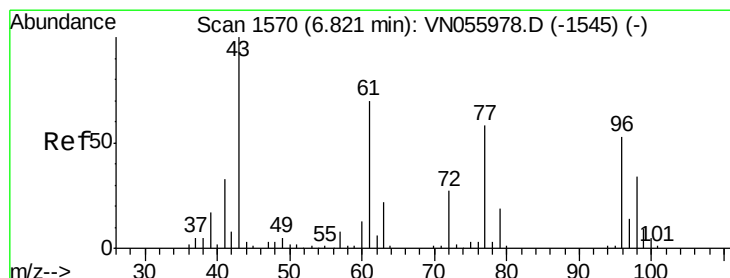
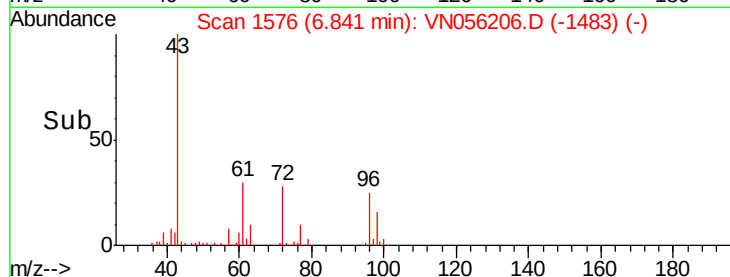
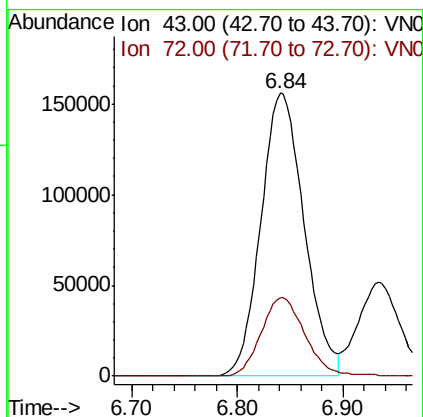
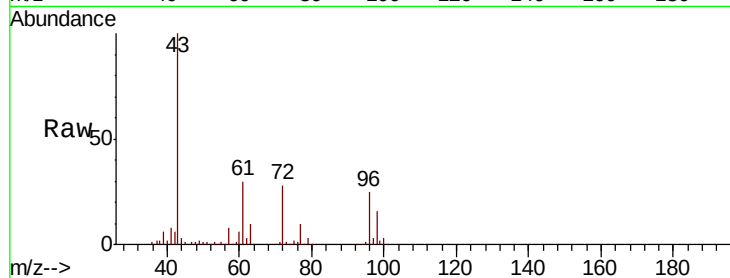




#25
2-Butanone
Concen: 270.224 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

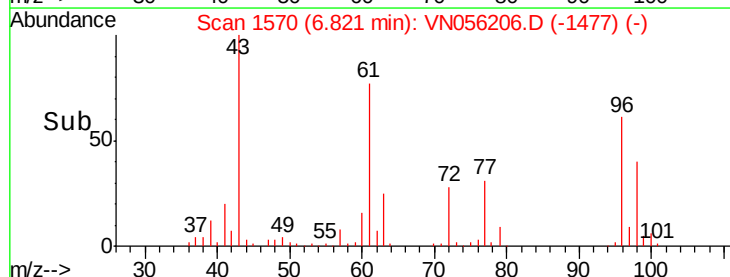
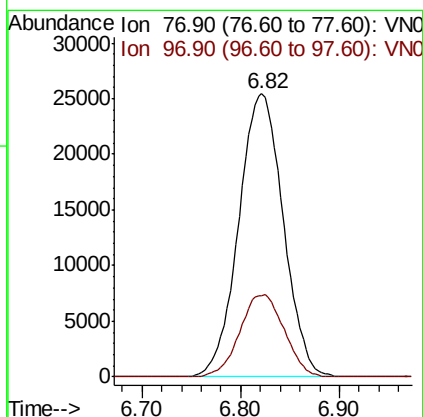
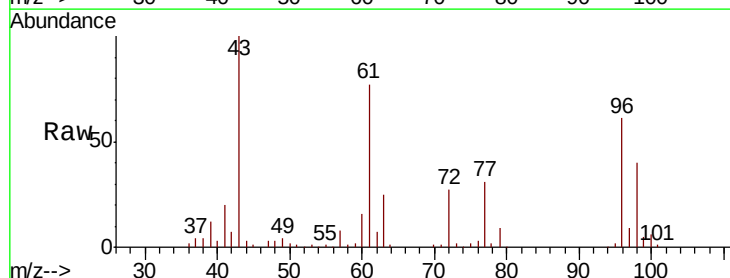
Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

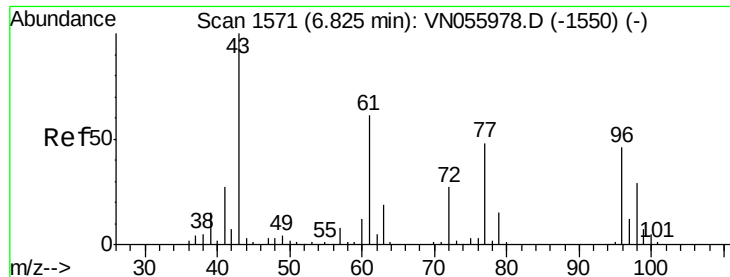
Tot Ion: 43 Resp: 443150
Ion Ratio Lower Upper
43 100
72 27.6 21.9 32.9



#26
2,2-Dichloropropane
Concen: 23.596 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 77 Resp: 79548
Ion Ratio Lower Upper
77 100
97 29.0 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 52.300 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

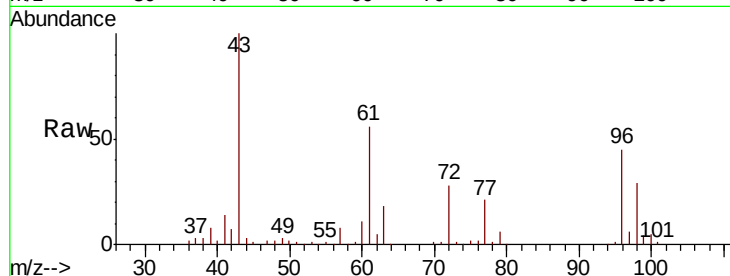
Tot Ion: 96 Resp: 151139

Ion Ratio Lower Upper

96 100

61 124.1 0.0 275.8

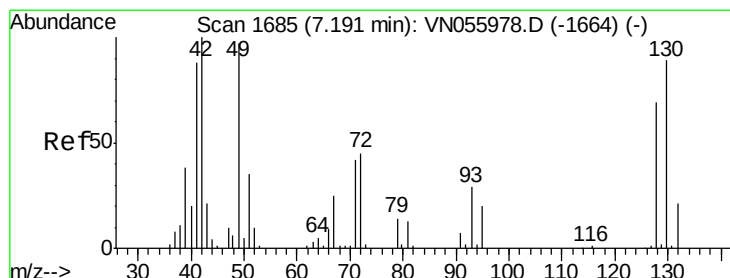
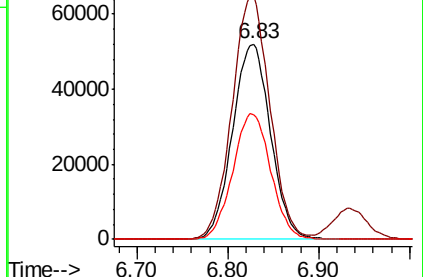
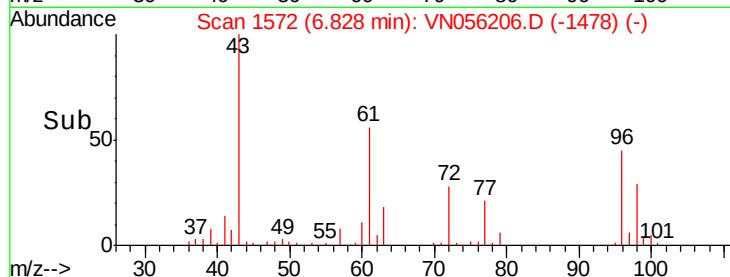
98 64.2 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 54.805 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

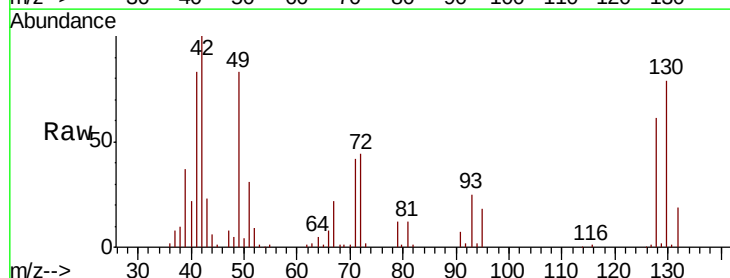
Tgt Ion: 49 Resp: 111970

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

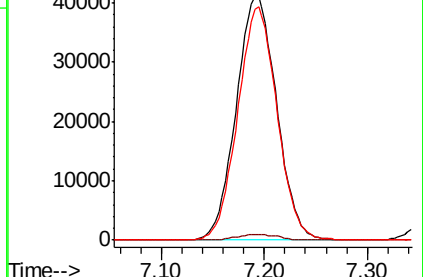
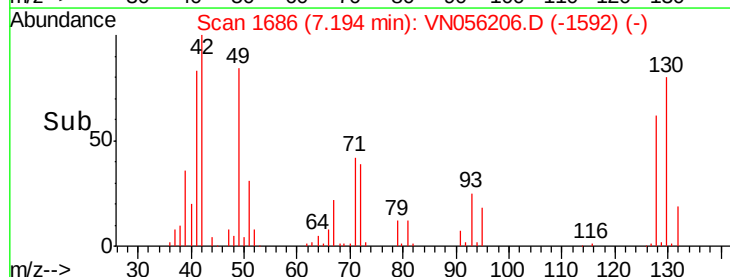
130 92.9 71.2 106.8

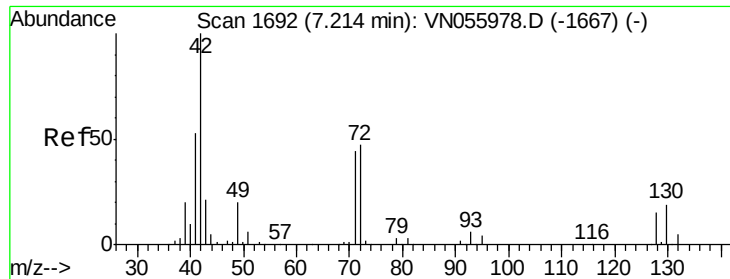


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

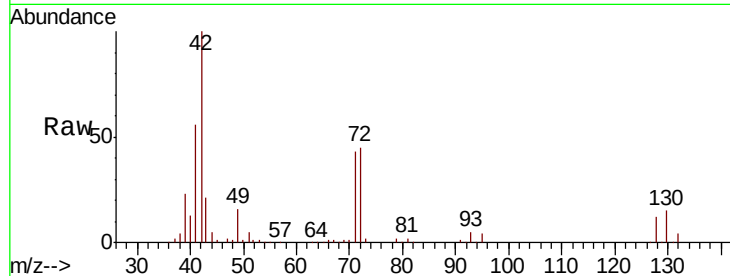




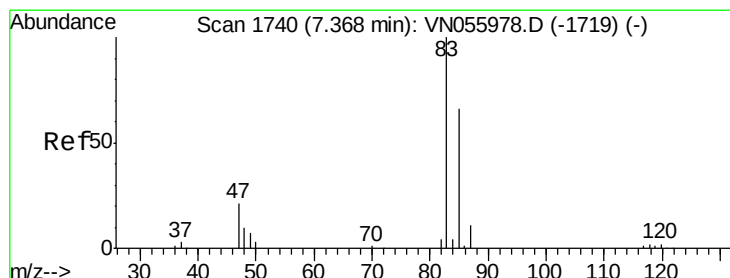
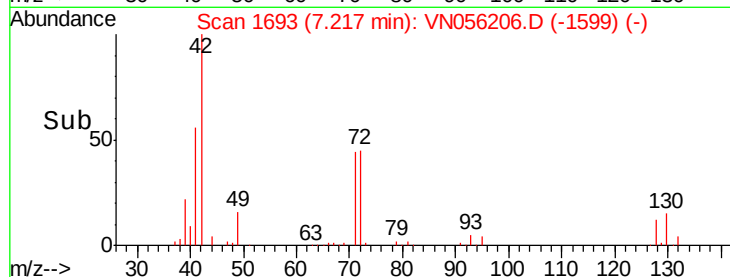
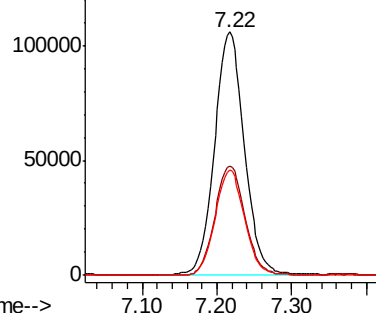
#29
Tetrahydrofuran
Concen: 291.082 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion: 42 Resp: 295072
Ion Ratio Lower Upper
42 100
72 45.2 35.9 53.9
71 42.5 34.0 51.0

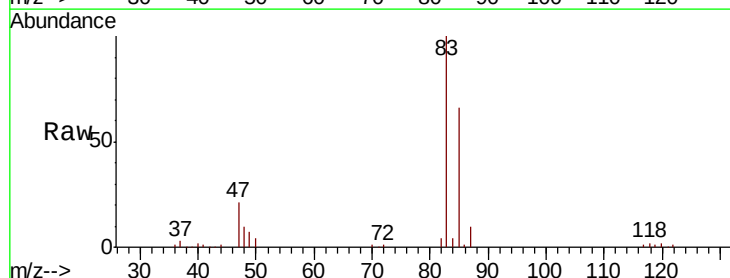


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

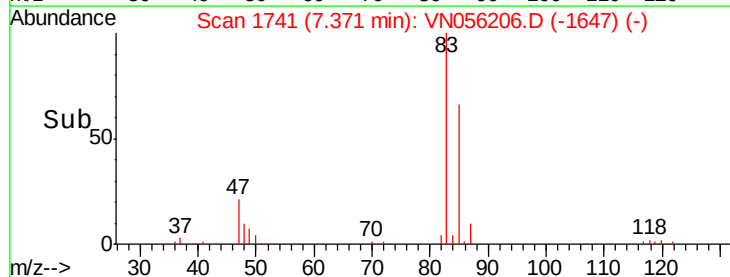
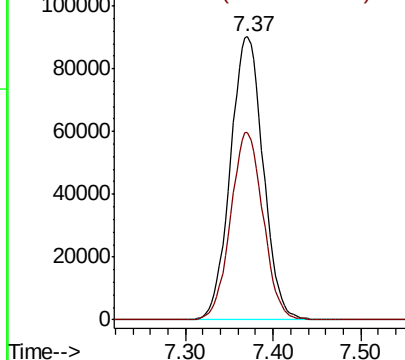


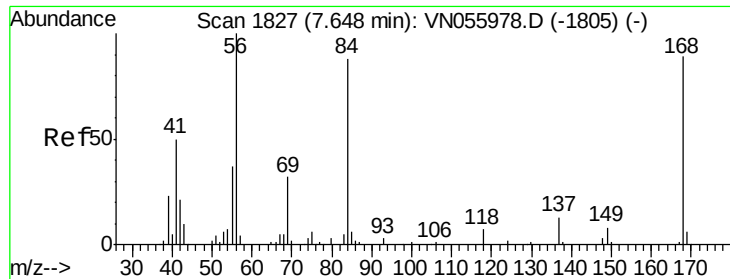
#30
Chloroform
Concen: 54.068 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 83 Resp: 234985
Ion Ratio Lower Upper
83 100
85 66.0 51.8 77.8



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

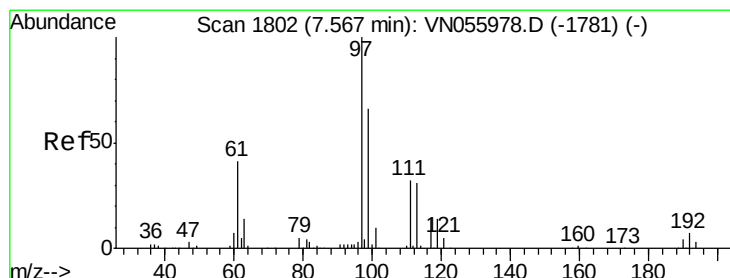
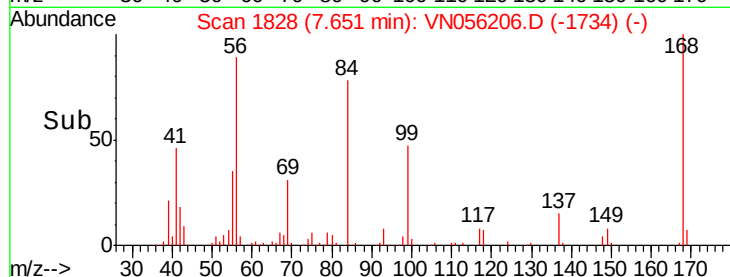
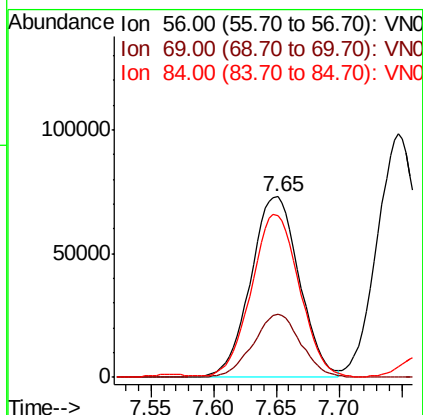
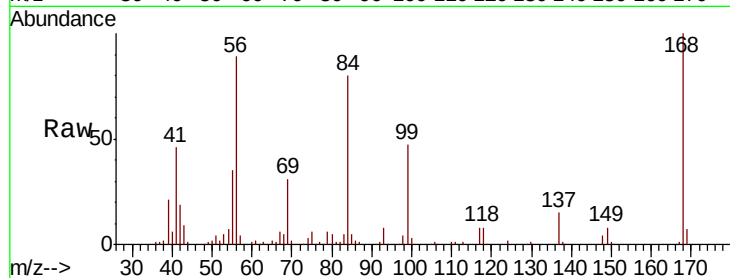




#31
Cyclohexane
Concen: 45.843 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

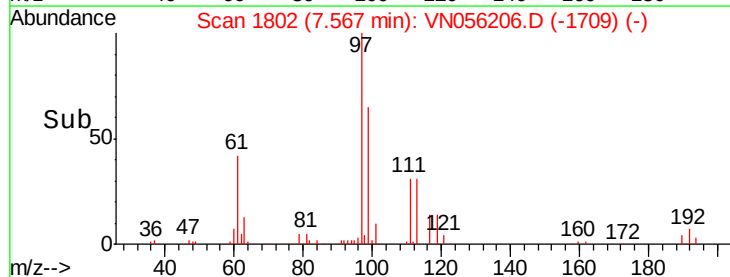
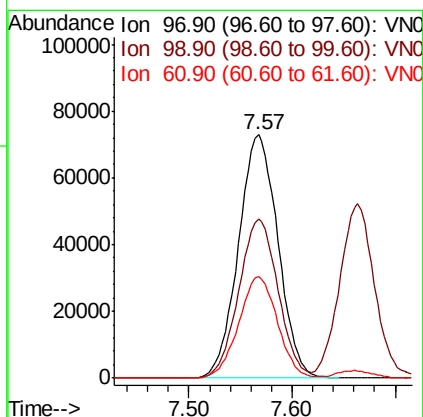
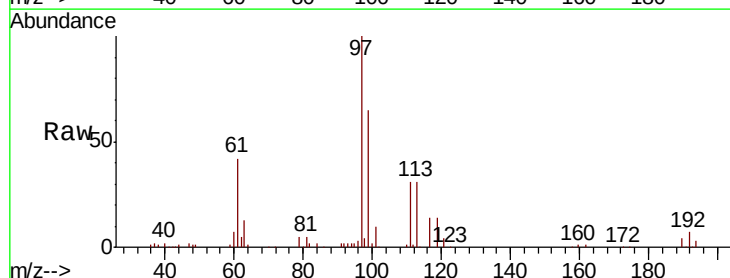
Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

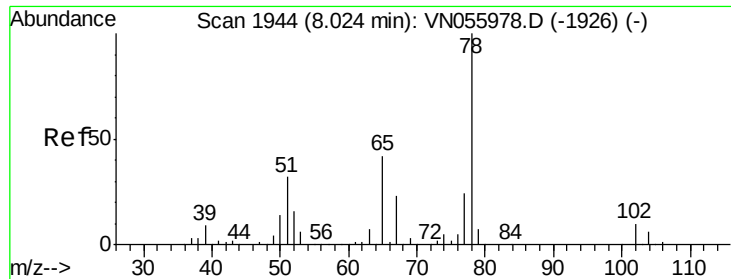
Tot Ion: 56 Resp: 197418
Ion Ratio Lower Upper
56 100
69 34.8 25.6 38.4
84 88.2 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 53.423 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 97 Resp: 193885
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 41.0 32.9 49.3

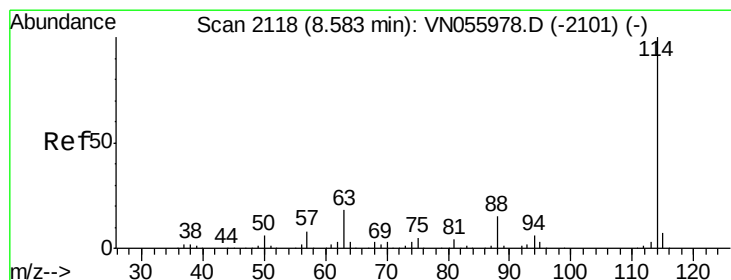
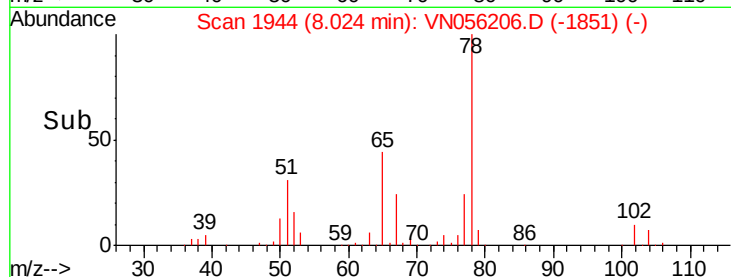
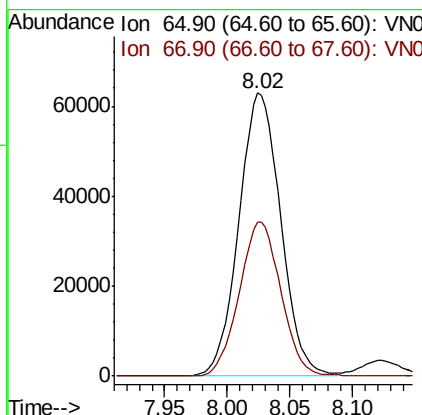
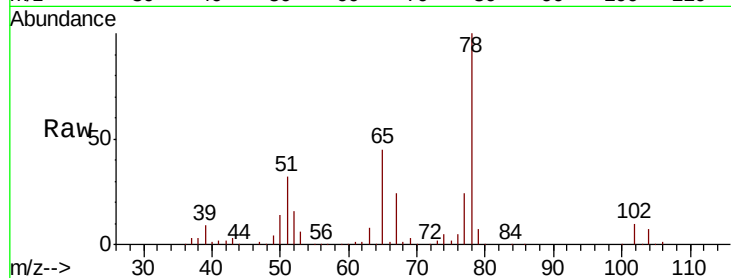




#33
 1,2-Dichloroethane-d4
 Concen: 53.832 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

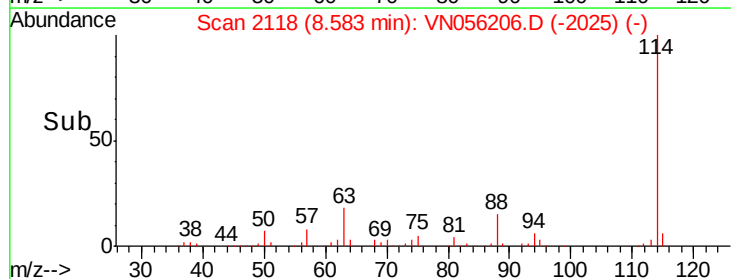
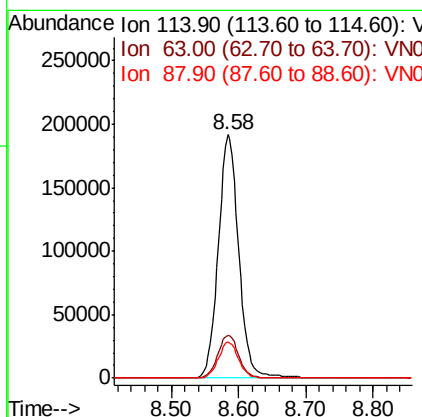
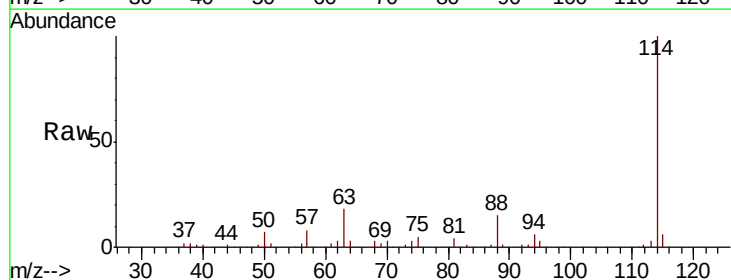
Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

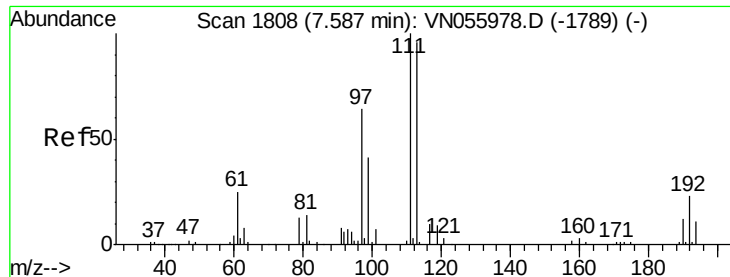
Tot Ion: 65 Resp: 146092
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 114 Resp: 407110
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 39.2
 88 14.8 0.0 31.0

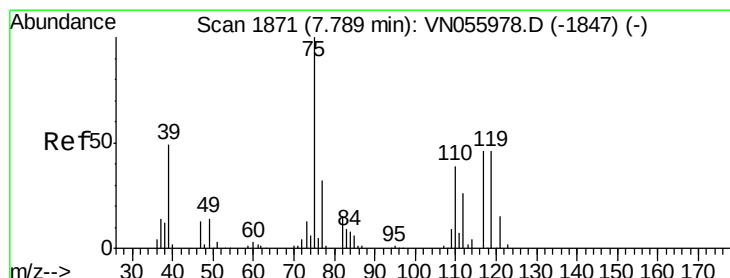
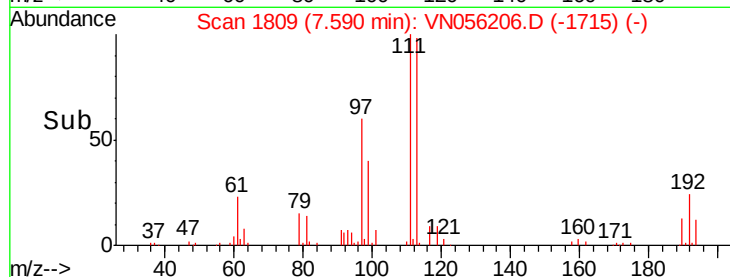
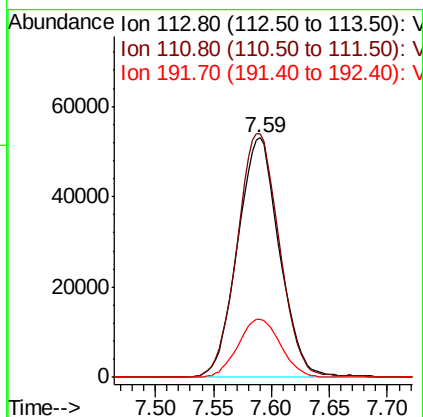
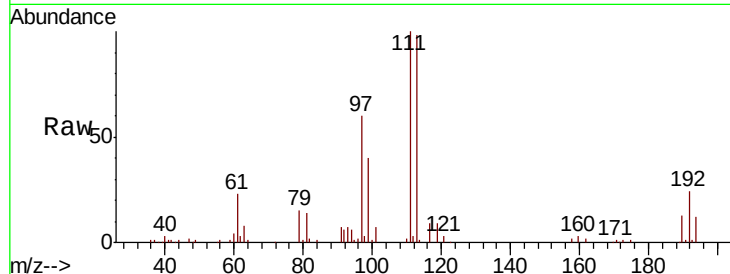




#35
 Dibromofluoromethane
 Concen: 53.249 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

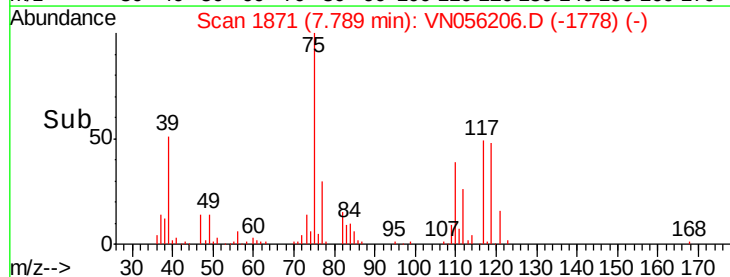
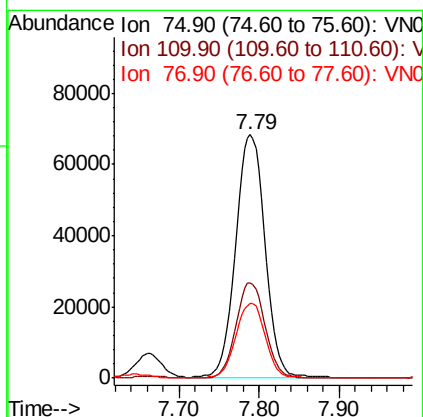
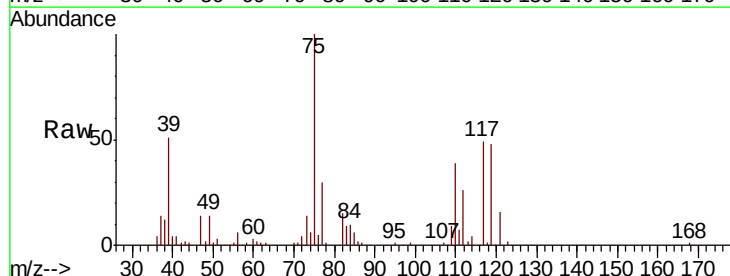
Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

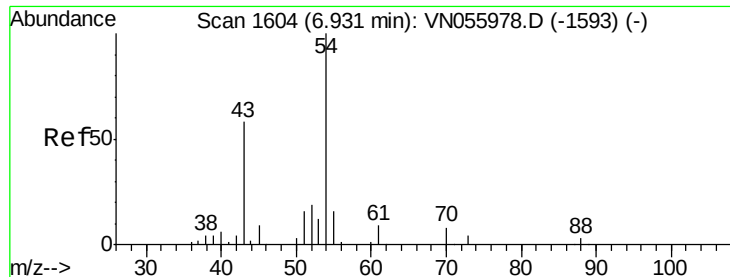
Tot Ion:113 Resp: 133004
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 24.7 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 48.266 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 75 Resp: 168958
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.0 57.0
 77 30.9 25.1 37.7

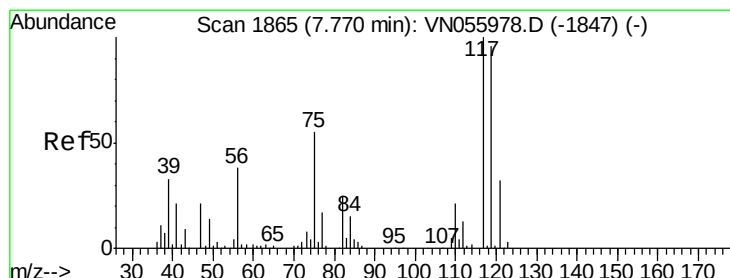
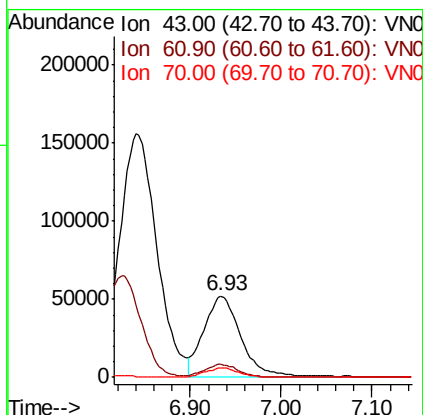
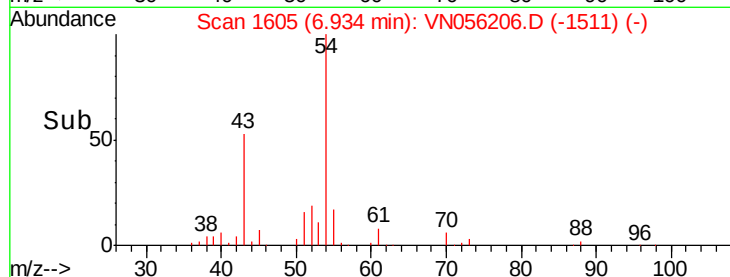
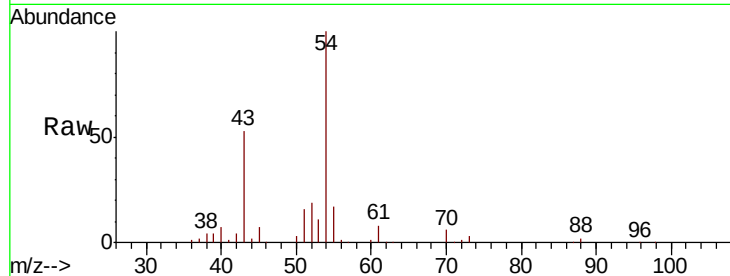




#37
Ethyl Acetate
Concen: 46.490 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

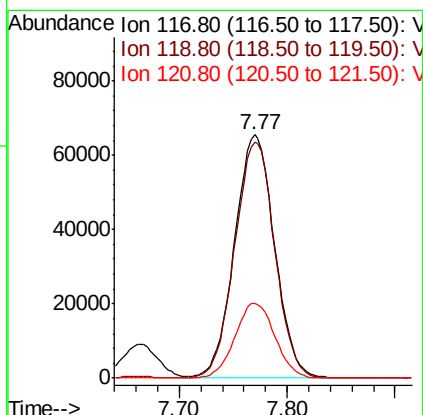
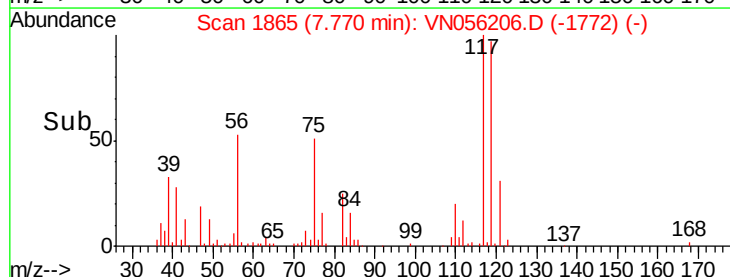
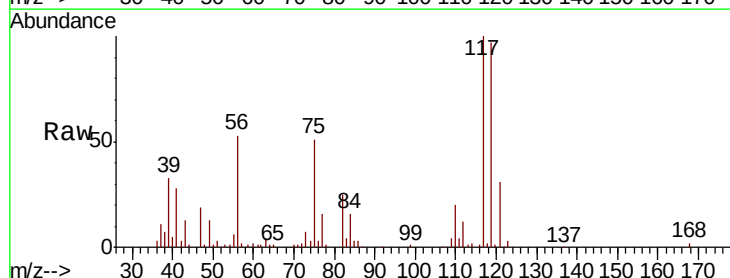
Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

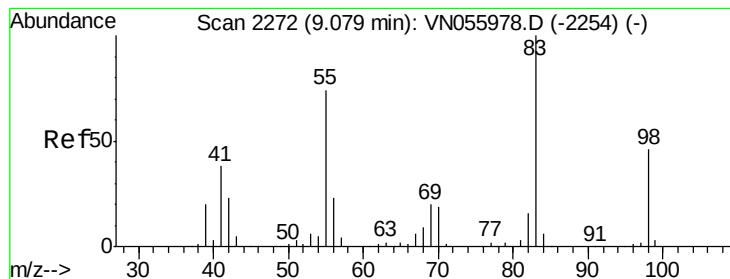
Tot Ion: 43 Resp: 144802
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.2
70 11.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.248 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 117 Resp: 168621
Ion Ratio Lower Upper
117 100
119 97.0 79.0 118.6
121 30.7 24.7 37.1





#39

Methylvlcyclohexane

Concen: 43.592 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

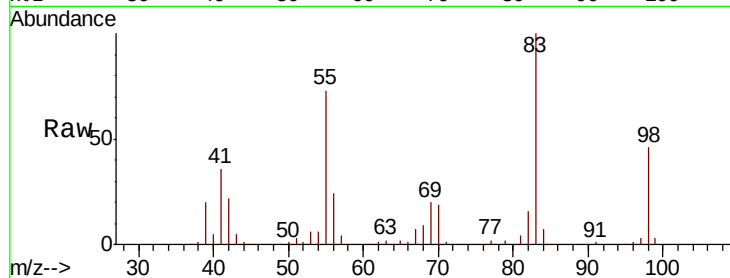
Tot Ion: 83 Resp: 190094

Ion Ratio Lower Upper

83 100

55 72.9 59.3 88.9

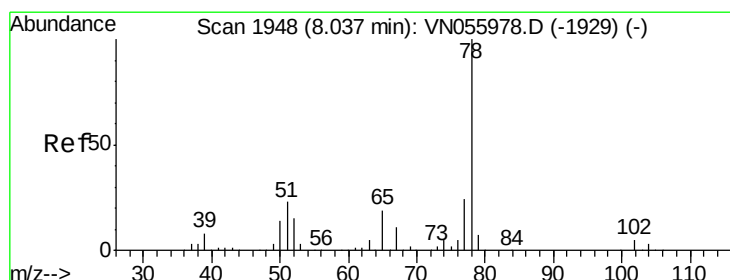
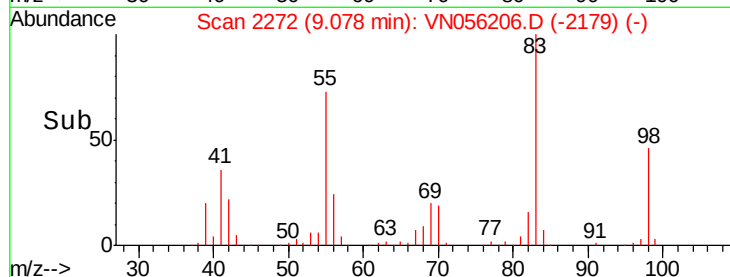
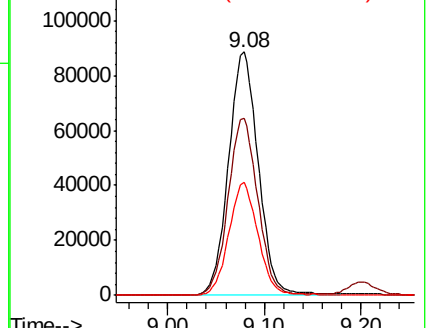
98 46.2 36.6 54.8



Abundance Ion 83.00 (82.70 to 83.70): VN055978.D (-2254) (-)

Ion 55.00 (54.70 to 55.70): VN055978.D (-2254) (-)

Ion 98.00 (97.70 to 98.70): VN055978.D (-2254) (-)



#40

Benzene

Concen: 50.454 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056206.D

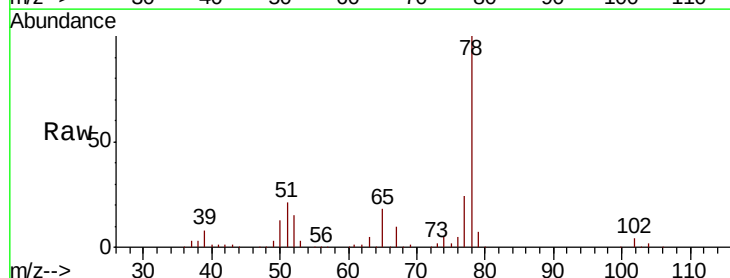
Acq: 11 Jun 2019 7:41

Tgt Ion: 78 Resp: 536431

Ion Ratio Lower Upper

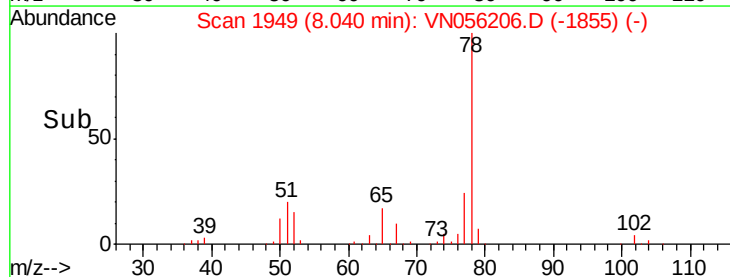
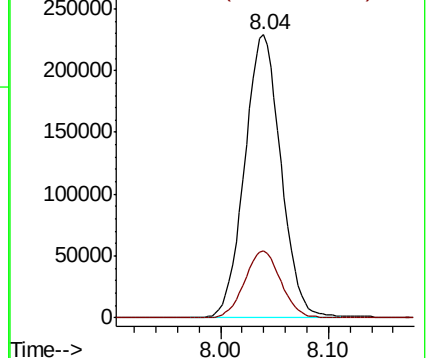
78 100

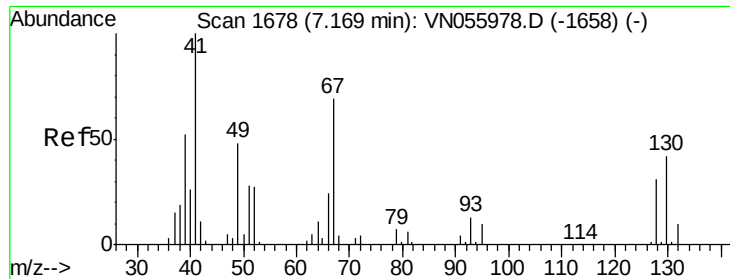
77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN055978.D (-1929) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-1929) (-)

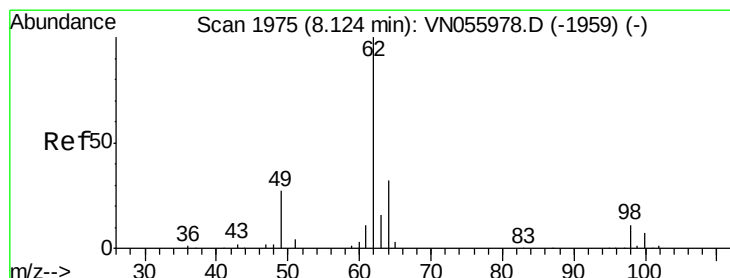
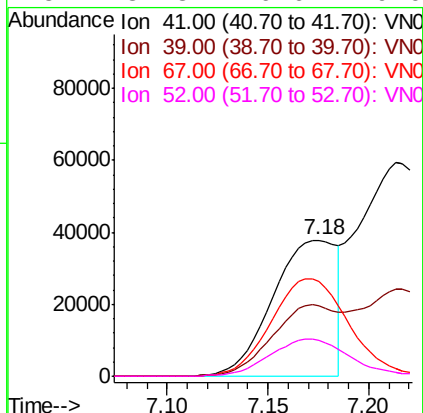
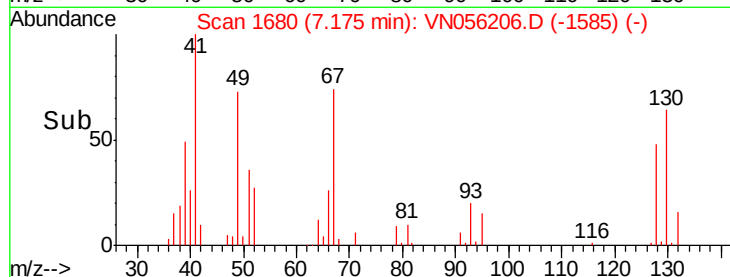
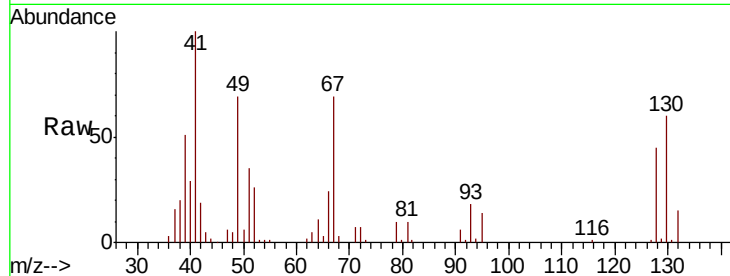




#41
Methacrylonitrile
Concen: 58.265 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

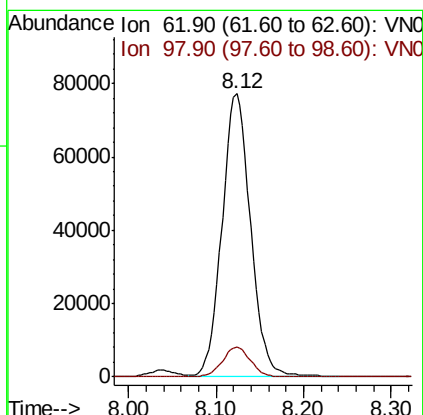
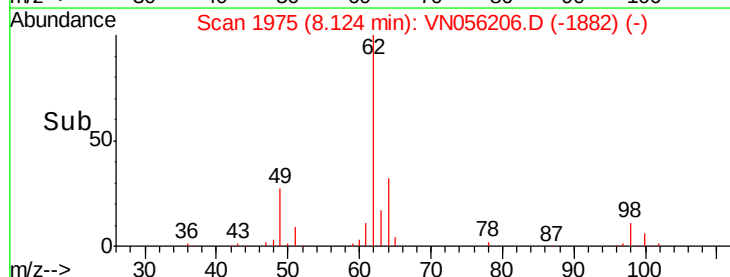
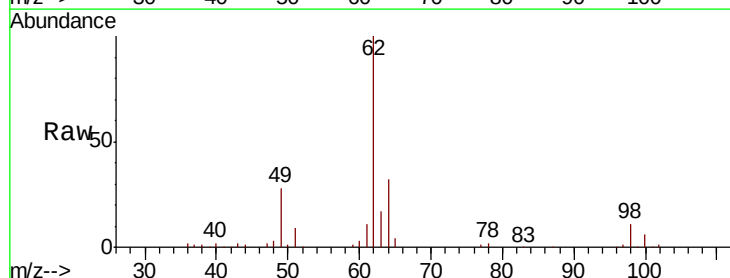
Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

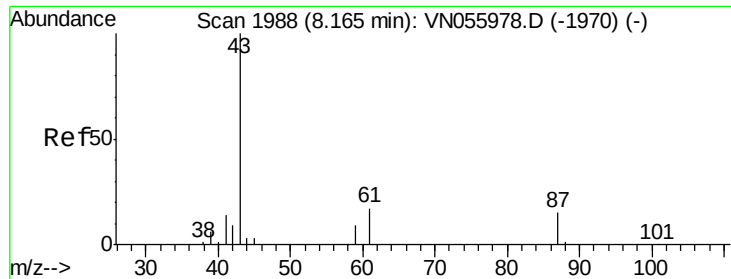
Tot Ion: 41 Resp: 83496
Ion Ratio Lower Upper
41 100
39 55.7 45.6 68.4
67 87.2 67.7 101.5
52 34.3 26.6 40.0



#42
1,2-Dichloroethane
Concen: 51.015 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 62 Resp: 174470
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 47.333 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

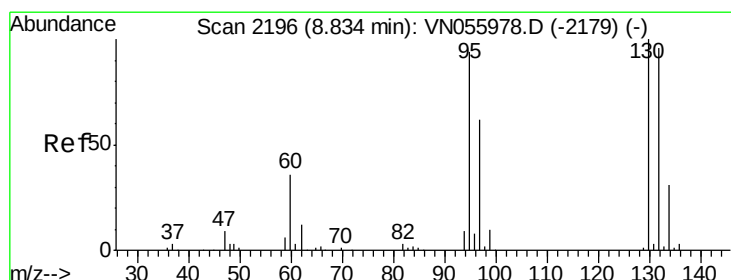
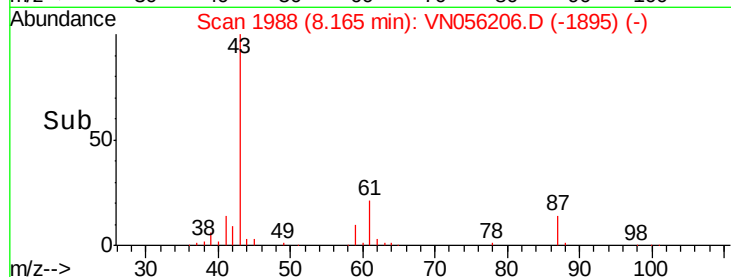
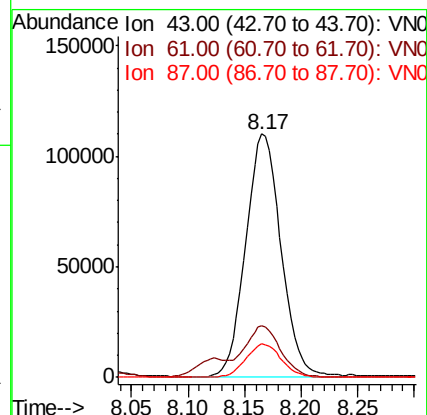
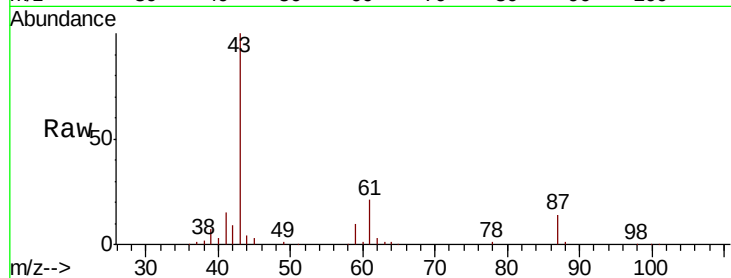
MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

Tot Ion: 43 Resp: 238902

Ion	Ratio	Lower	Upper
43	100		
61	20.8	22.2	33.4#
87	14.0	11.4	17.2



#44

Trichloroethene

Concen: 62.332 ug/l

RT: 8.83 min Scan# 2196

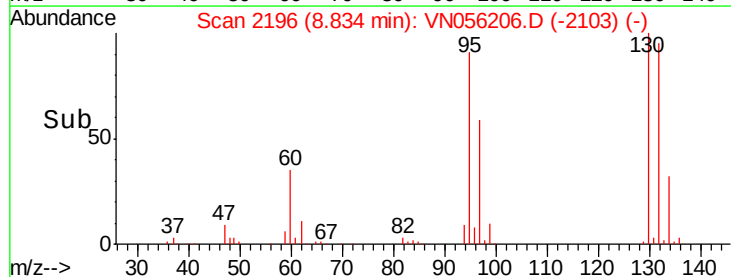
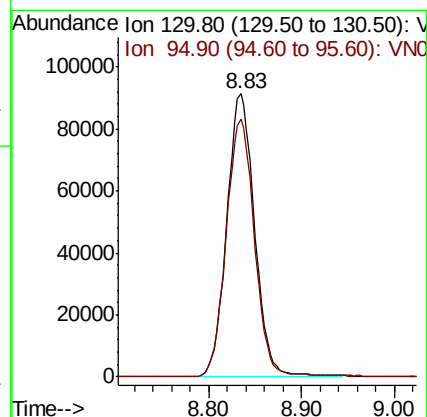
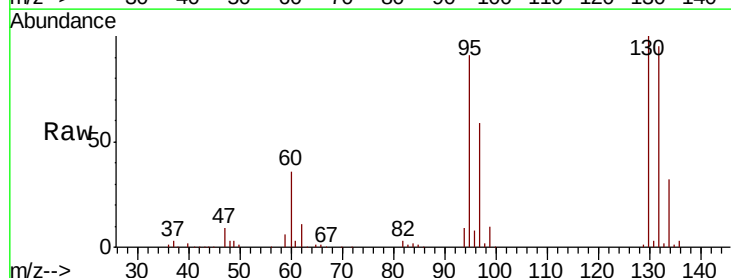
Delta R.T. -0.00 min

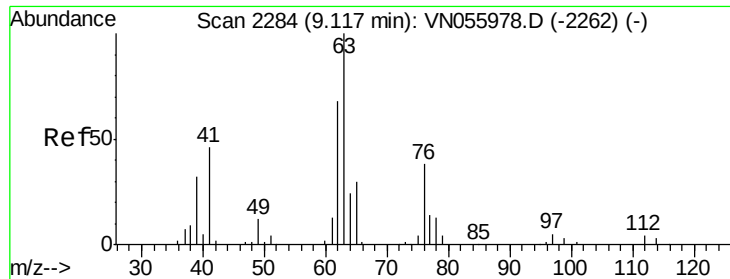
Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion: 130 Resp: 190429

Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	188.0

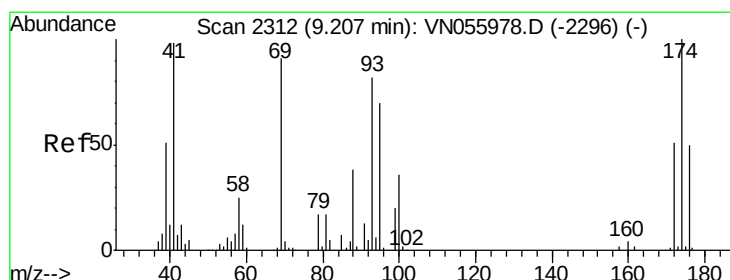
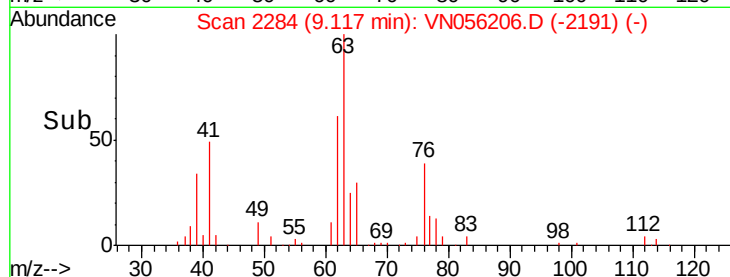
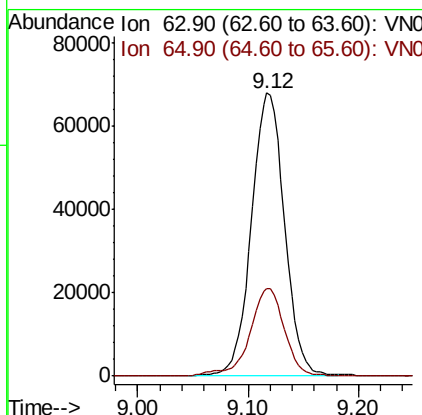
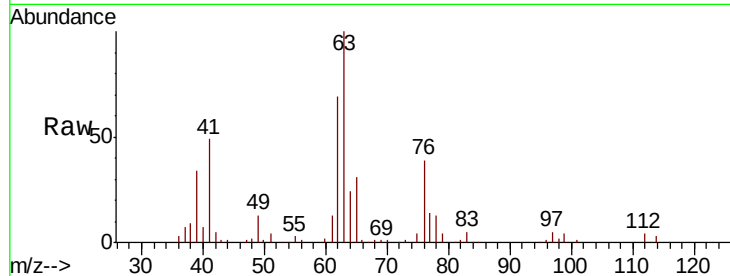




#45
 1,2-Dichloropropane
 Concen: 52.142 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

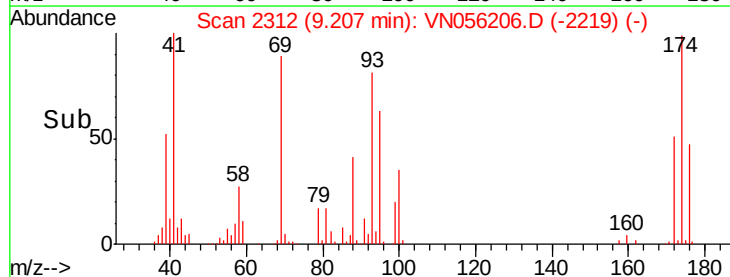
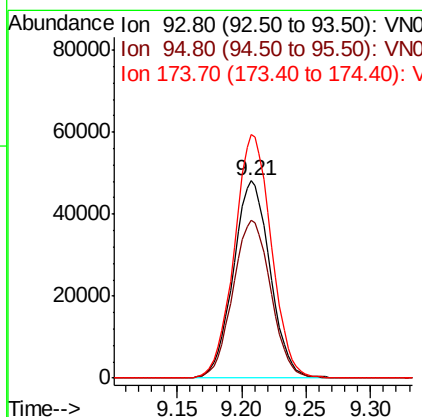
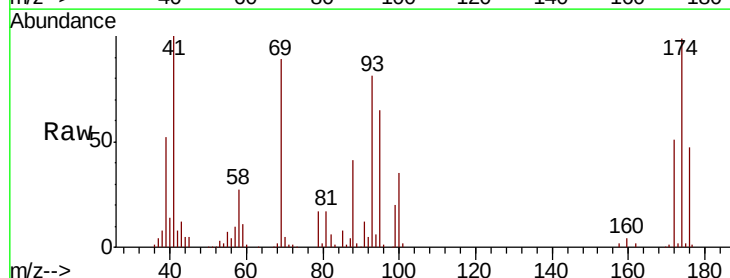
Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

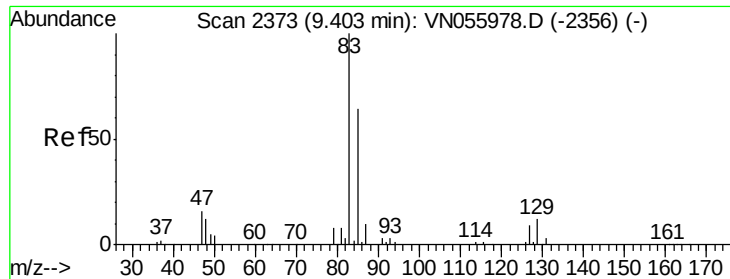
Tot Ion: 63 Resp: 142000
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 53.782 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 93 Resp: 95777
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.7 100.1
 174 123.9 96.4 144.6





#47

Bromodichloromethane

Concen: 55.323 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

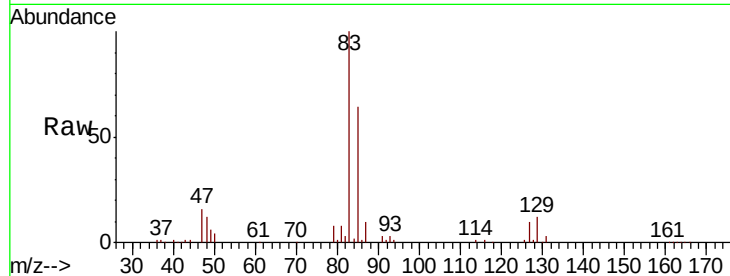
Tot Ion: 83 Resp: 178563

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.2

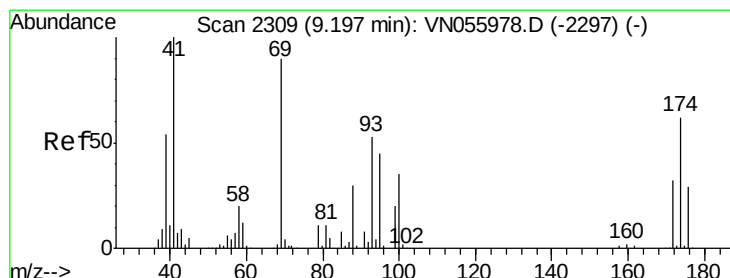
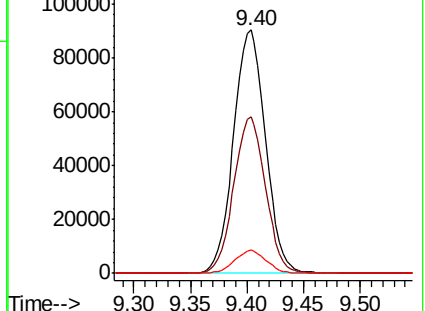
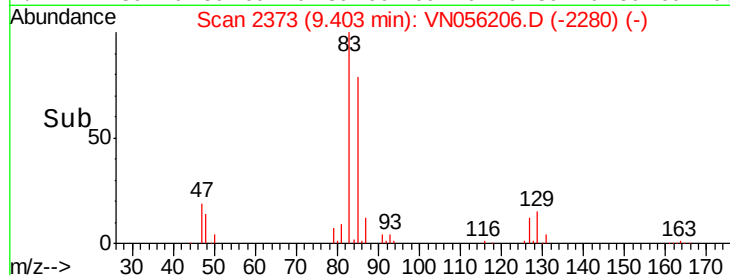
127 9.8 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056206.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056206.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056206.D (-2280) (-)



#48

Methyl methacrylate

Concen: 54.235 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

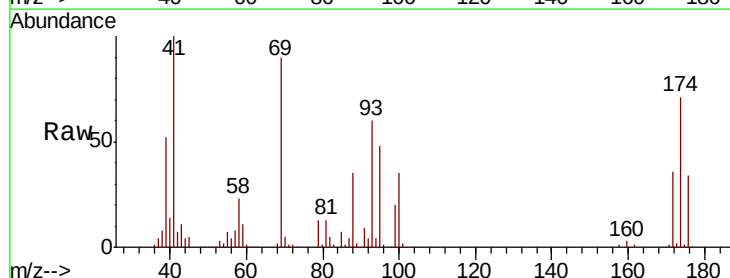
Tgt Ion: 41 Resp: 133919

Ion Ratio Lower Upper

41 100

69 91.6 71.0 106.6

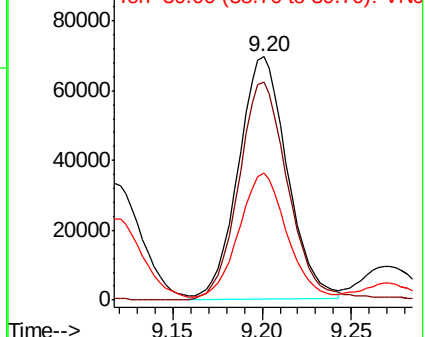
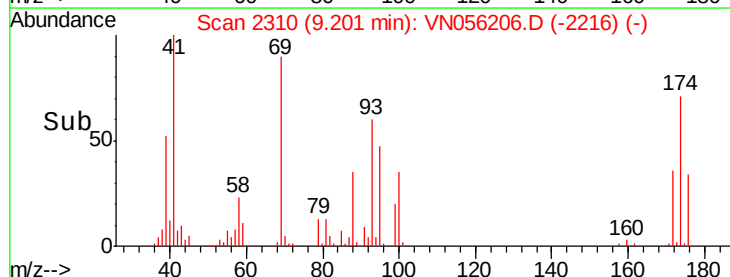
39 51.3 44.2 66.2

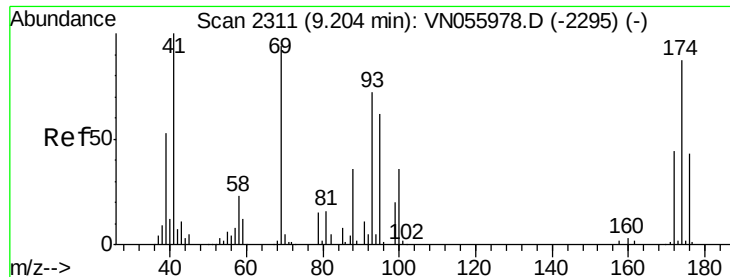


Abundance Ion 41.00 (40.70 to 41.70): VN056206.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056206.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056206.D (-2216) (-)

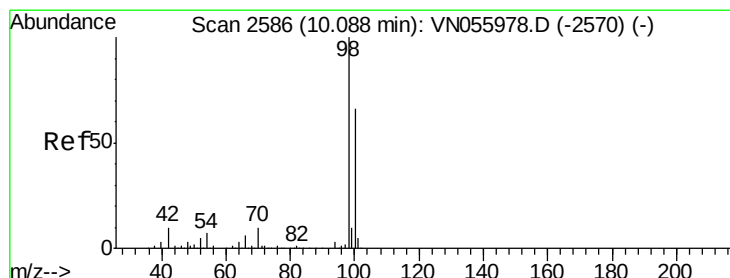
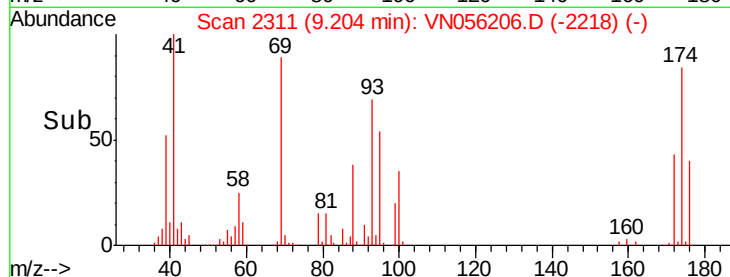
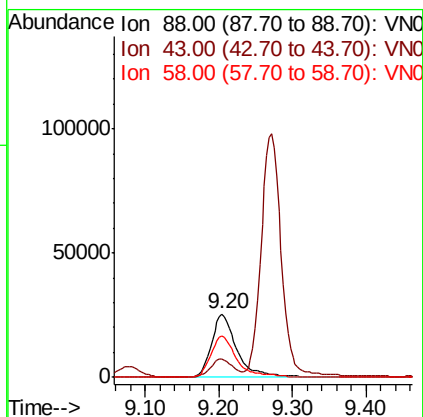
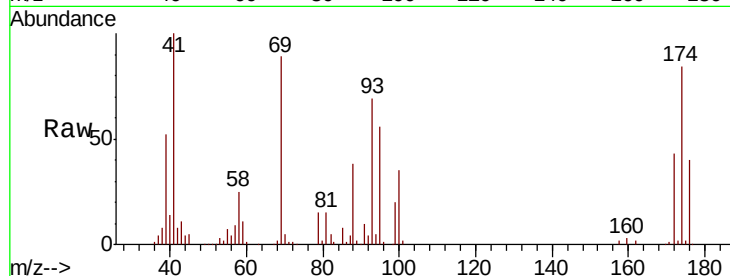




#49
 1,4-Dioxane
 Concen: 1141.442 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

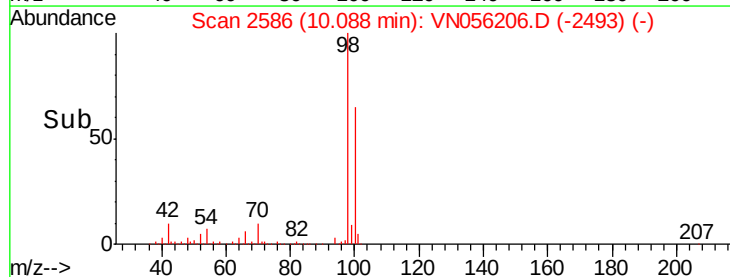
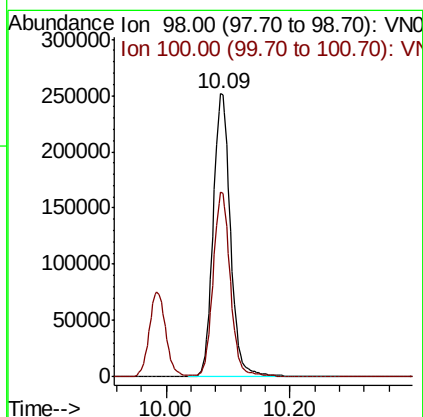
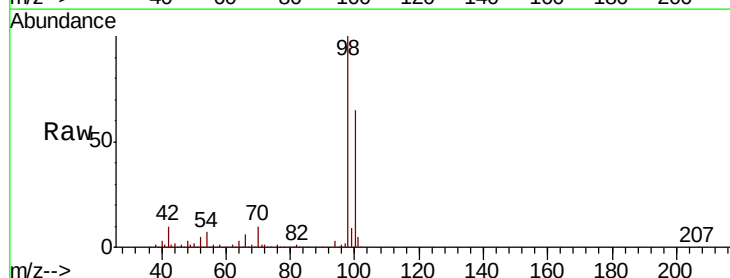
Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

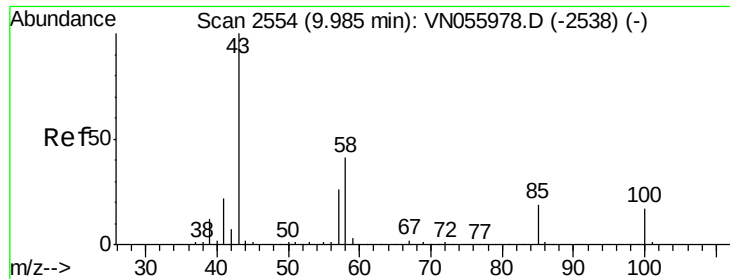
Tot Ion	88	Resp	60848
Ion Ratio	Lower	Upper	
88	100		
43	24.3	20.5	30.7
58	64.0	55.8	83.6



#50
 Toluene-d8
 Concen: 50.863 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion	98	Resp	488866
Ion Ratio	Lower	Upper	
98	100		
100	65.0	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 277.281 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

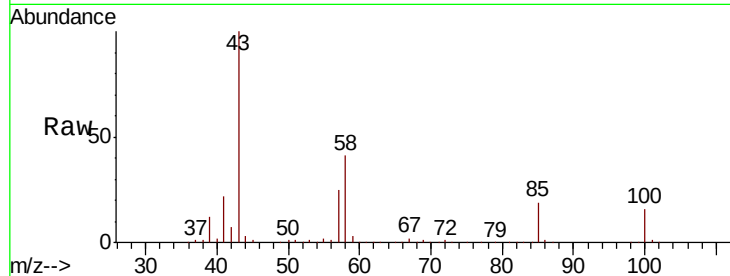
RE123D1-20190605MSD

Tot Ion: 43 Resp: 875176

Ion Ratio Lower Upper

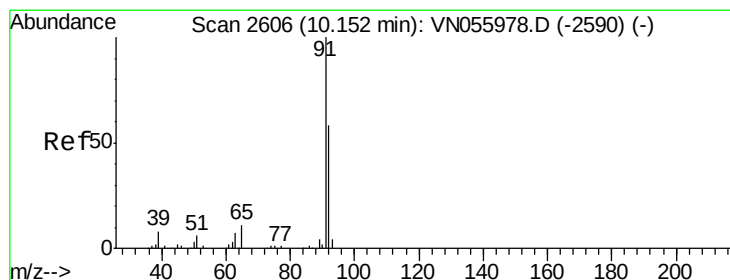
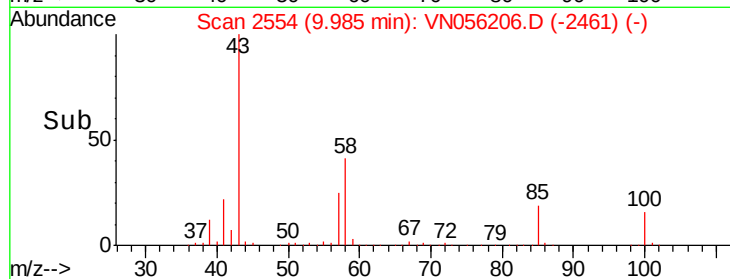
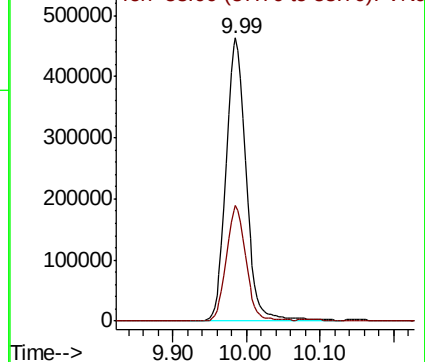
43 100

58 40.1 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.585 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056206.D

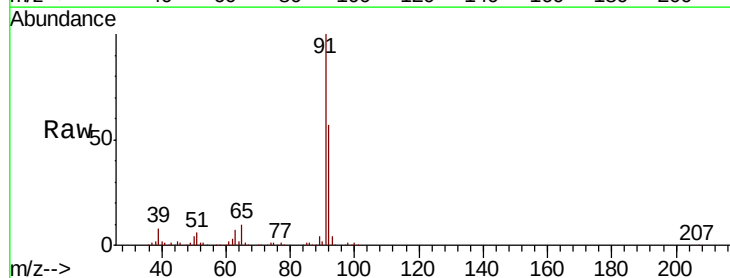
Acq: 11 Jun 2019 7:41

Tgt Ion: 92 Resp: 334664

Ion Ratio Lower Upper

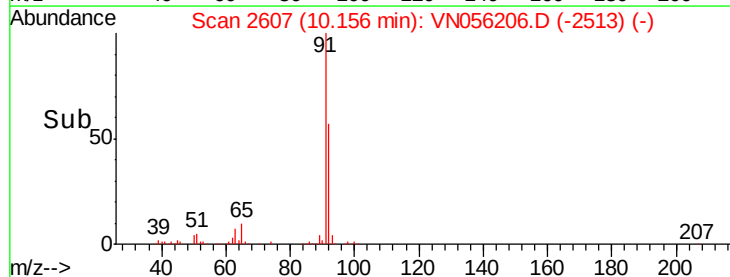
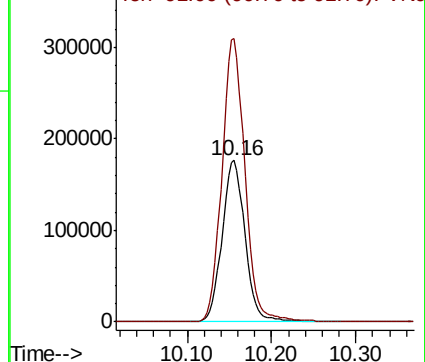
92 100

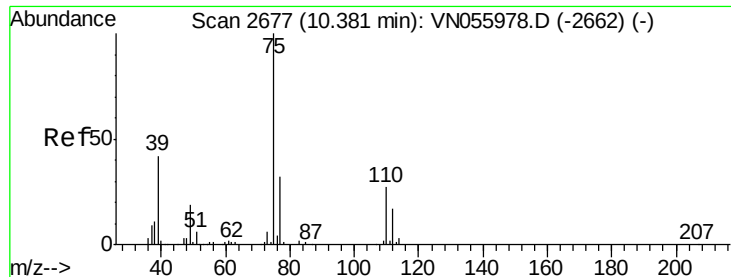
91 176.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 41.991 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

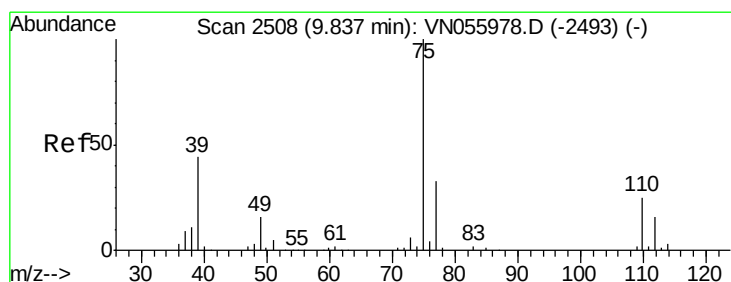
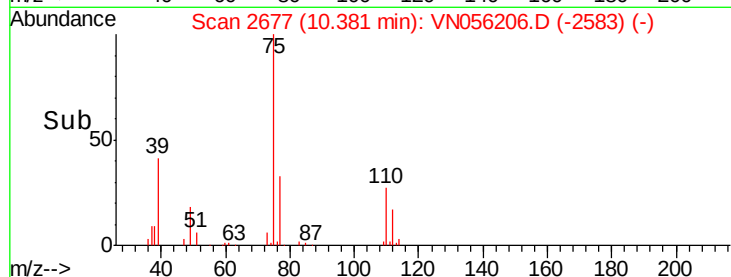
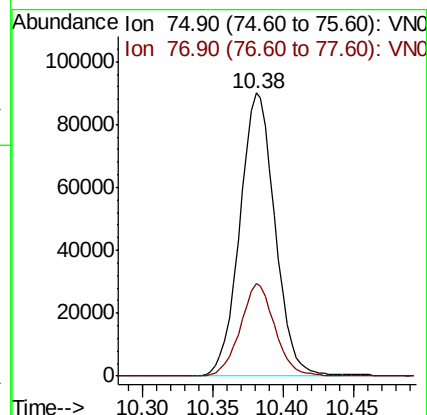
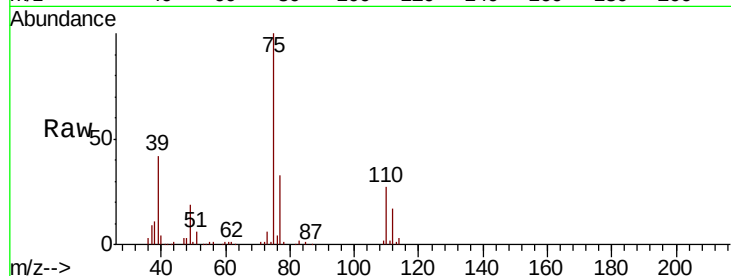
RE123D1-20190605MSD

Tot Ion: 75 Resp: 157374

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 47.433 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

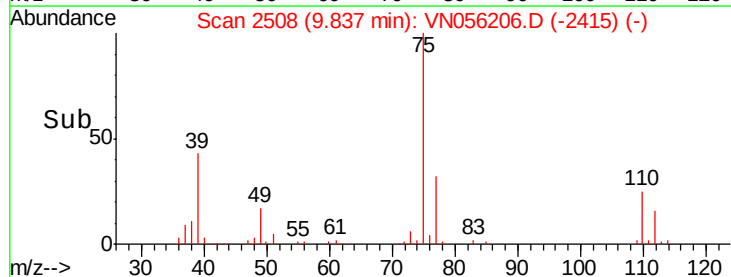
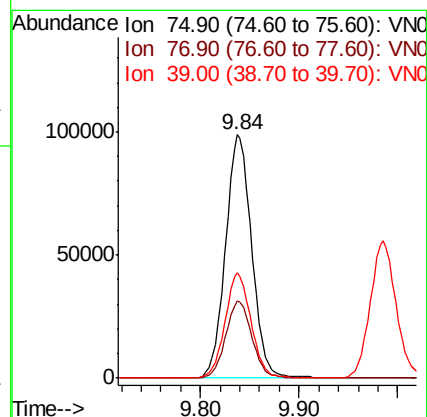
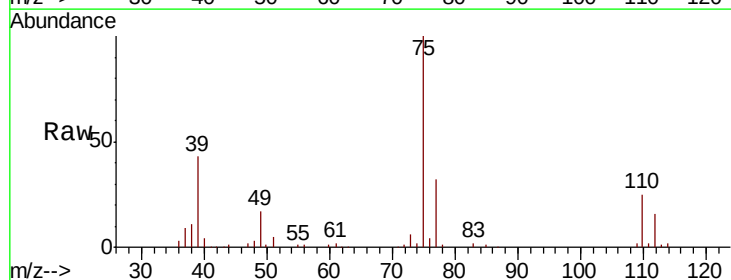
Tgt Ion: 75 Resp: 184024

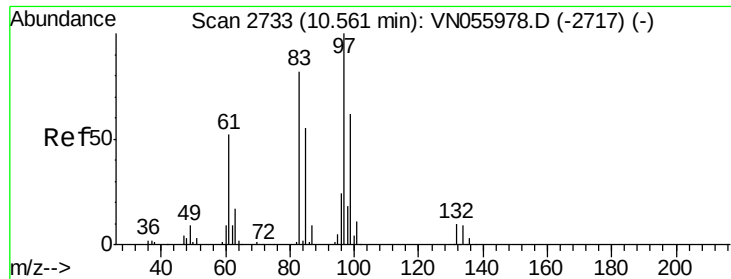
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 43.3 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 53.102 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

Tot Ion: 97 Resp: 139163

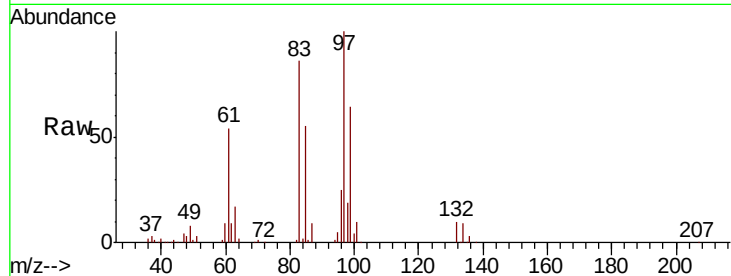
Ion Ratio Lower Upper

97 100

83 86.3 67.0 100.6

85 55.4 44.0 66.0

99 63.7 50.6 75.8

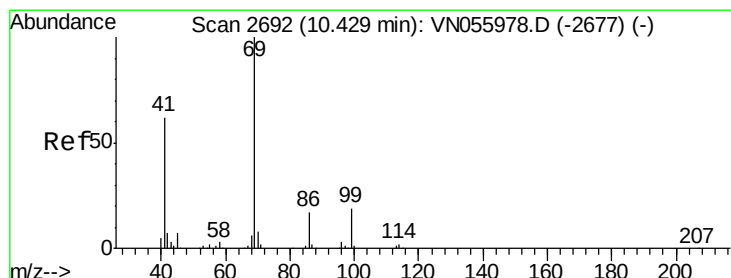
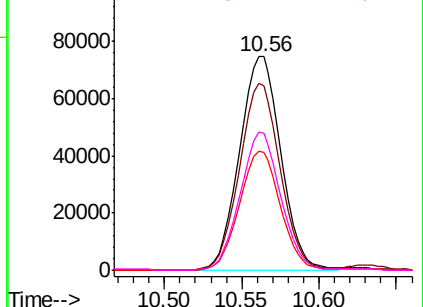
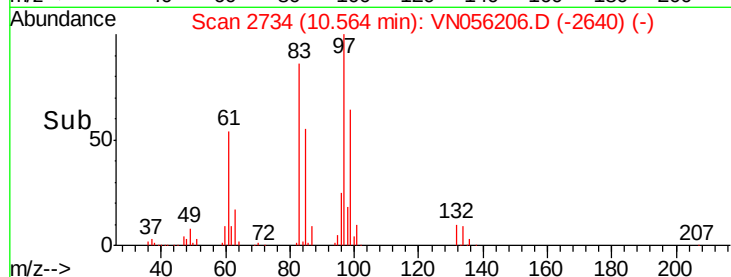


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 53.013 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

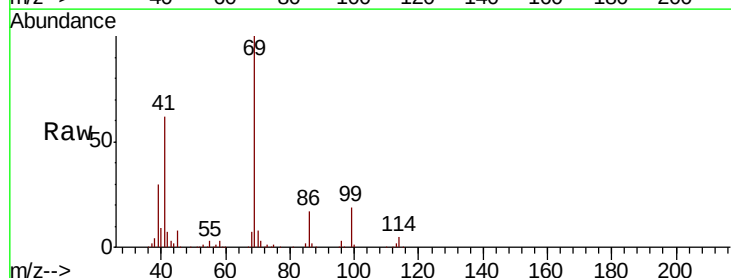
Tgt Ion: 69 Resp: 202684

Ion Ratio Lower Upper

69 100

41 61.8 49.7 74.5

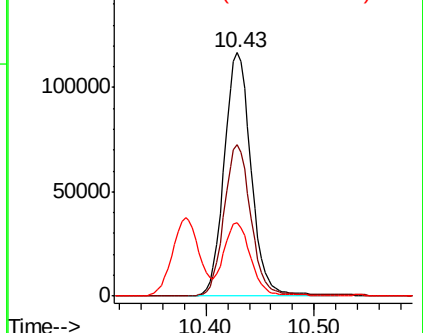
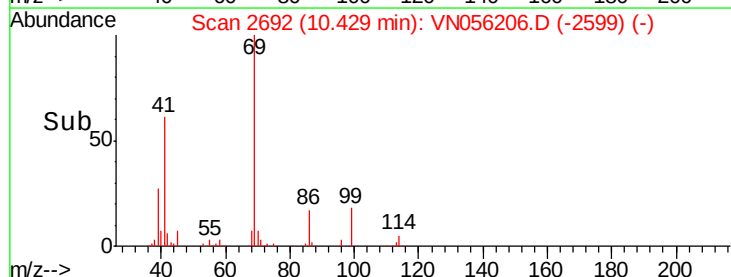
39 28.8 24.7 37.1

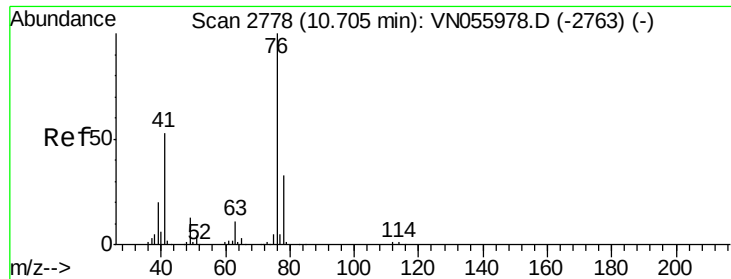


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 52.968 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

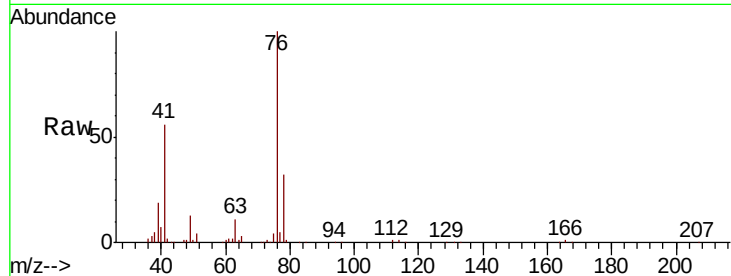
RE123D1-20190605MSD

Tot Ion: 76 Resp: 225659

Ion Ratio Lower Upper

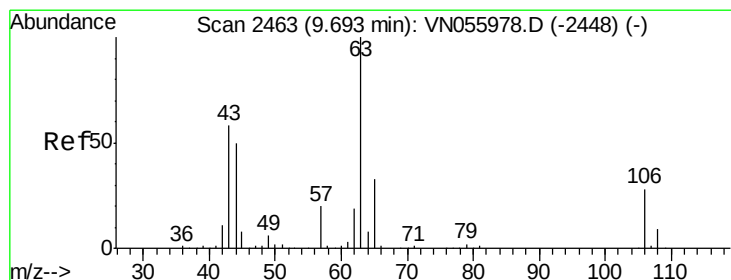
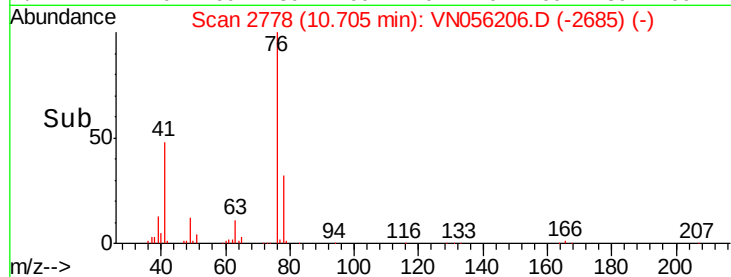
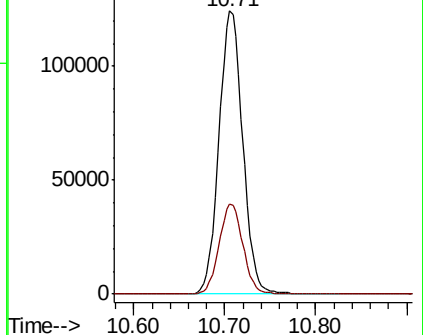
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 15.642 ug/l

RT: 9.74 min Scan# 2478

Delta R.T. 0.05 min

Lab File: VN056206.D

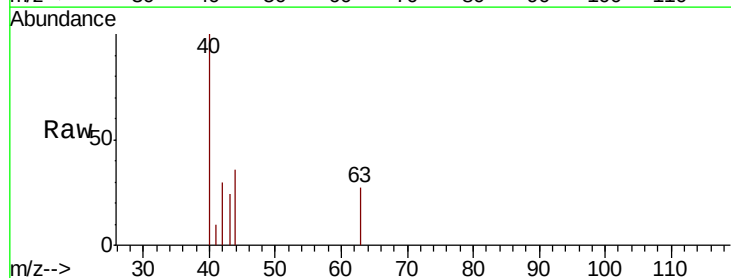
Acq: 11 Jun 2019 7:41

Tgt Ion: 63 Resp: 1237

Ion Ratio Lower Upper

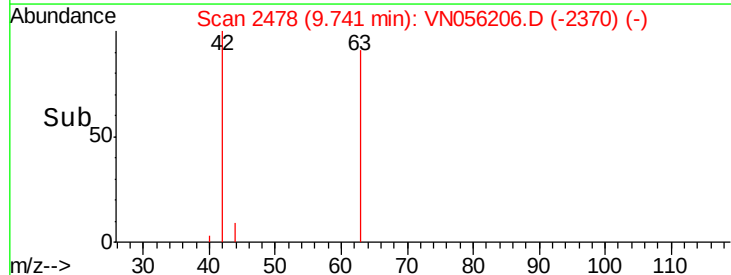
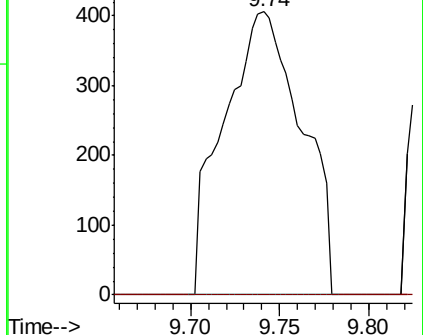
63 100

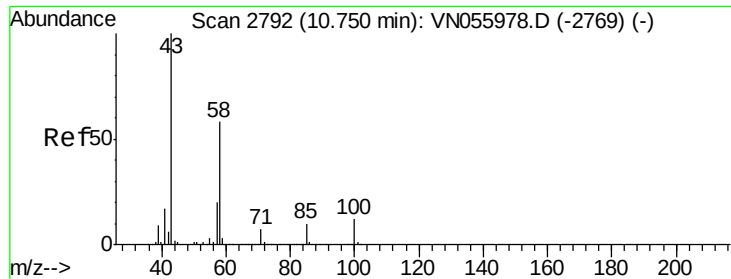
106 0.0 22.7 34.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 270.687 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

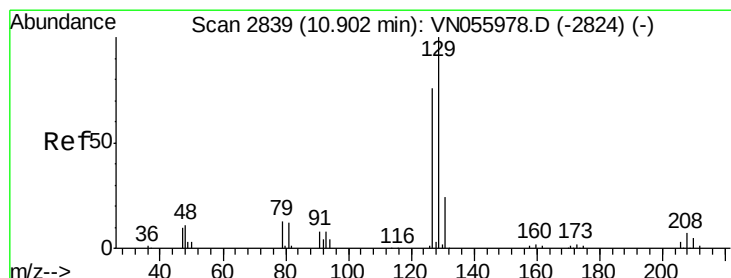
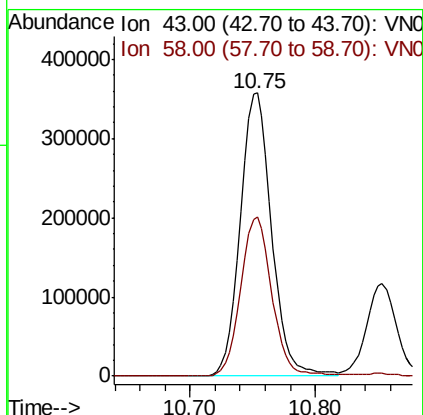
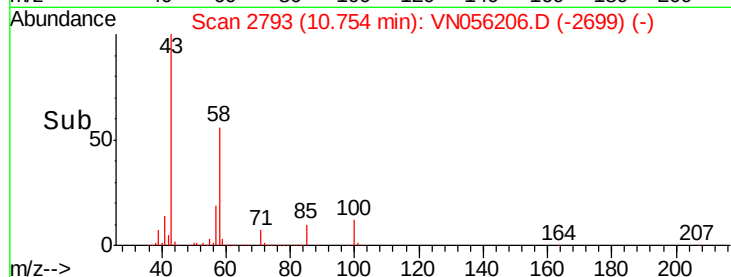
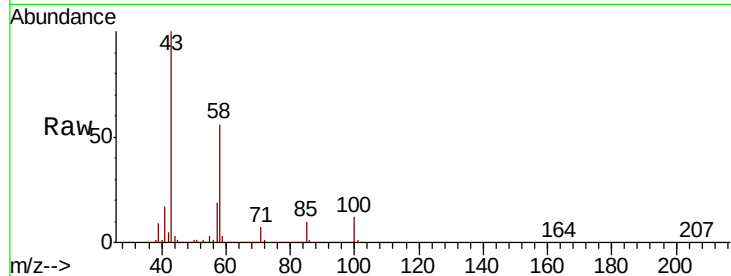
RE123D1-20190605MSD

Tot Ion: 43 Resp: 619224

Ion Ratio Lower Upper

43 100

58 56.4 28.2 84.7



#60

Dibromochloromethane

Concen: 51.791 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056206.D

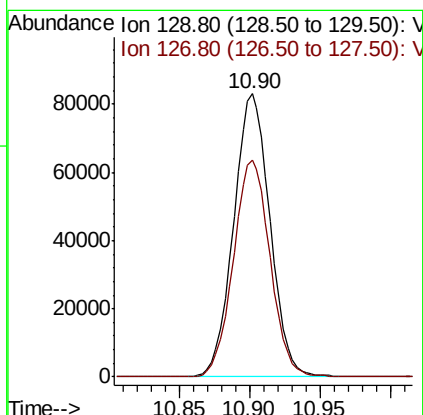
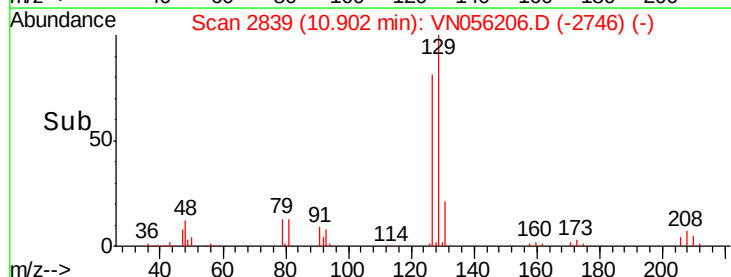
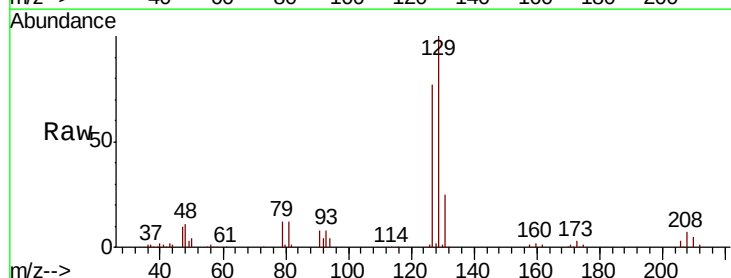
Acq: 11 Jun 2019 7:41

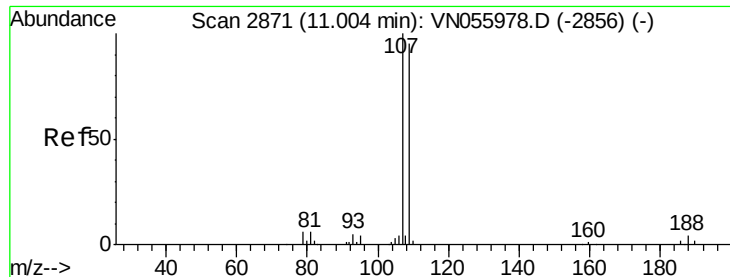
Tgt Ion: 129 Resp: 149960

Ion Ratio Lower Upper

129 100

127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 53.901 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

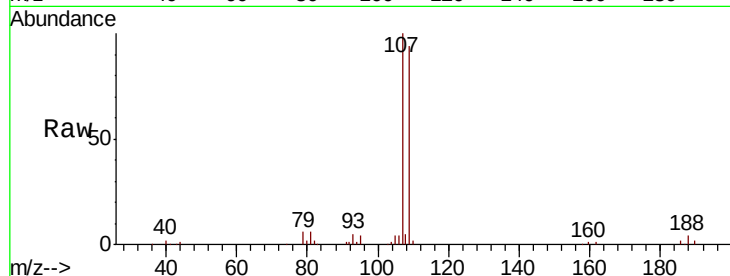
RE123D1-20190605MSD

Tot Ion: 107 Resp: 144406

Ion Ratio Lower Upper

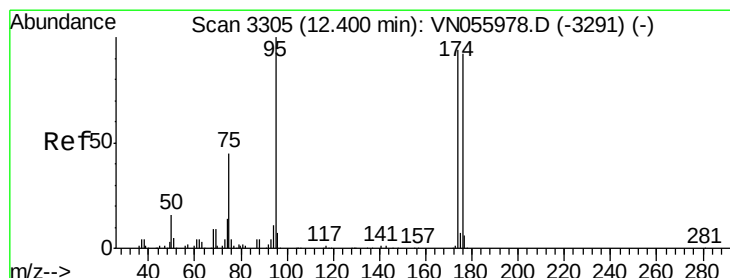
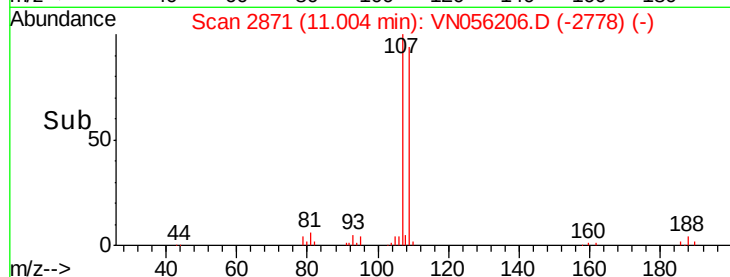
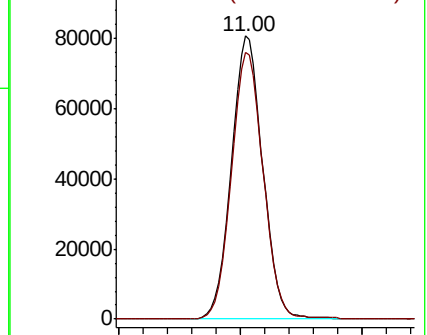
107 100

109 95.8 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.686 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

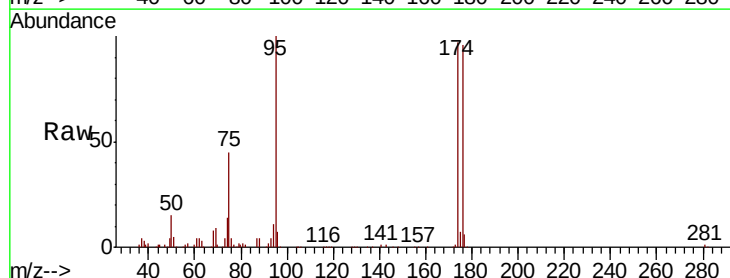
Tgt Ion: 95 Resp: 168939

Ion Ratio Lower Upper

95 100

174 97.5 0.0 191.0

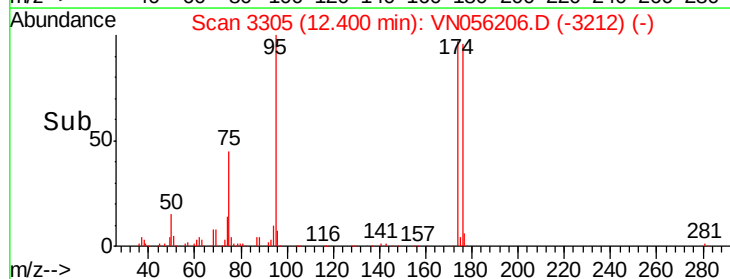
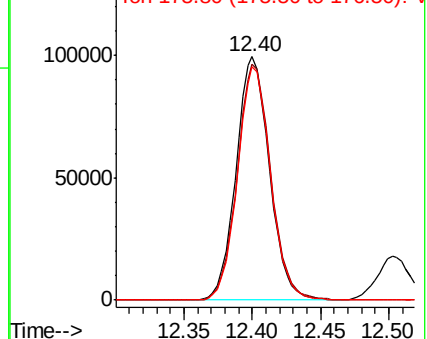
176 94.9 0.0 185.2

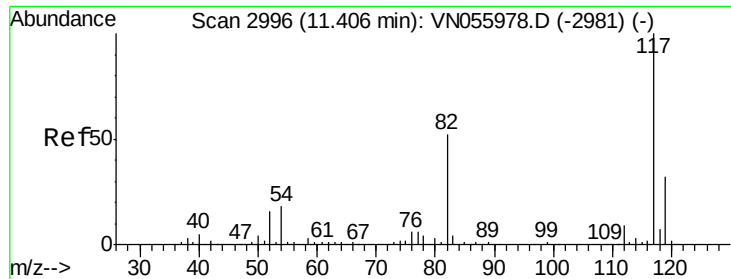


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

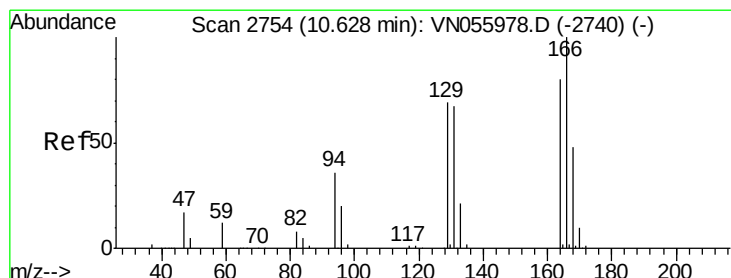
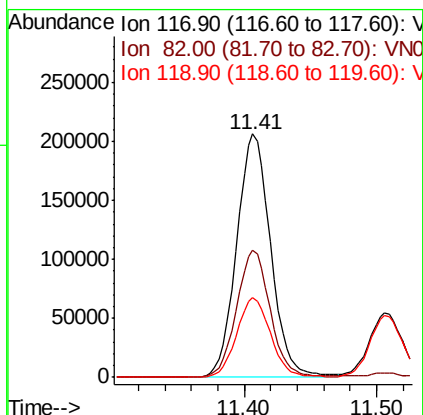
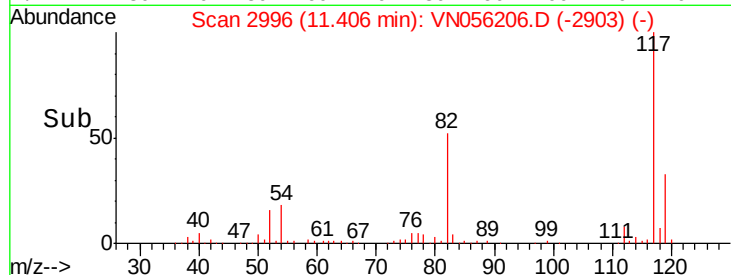
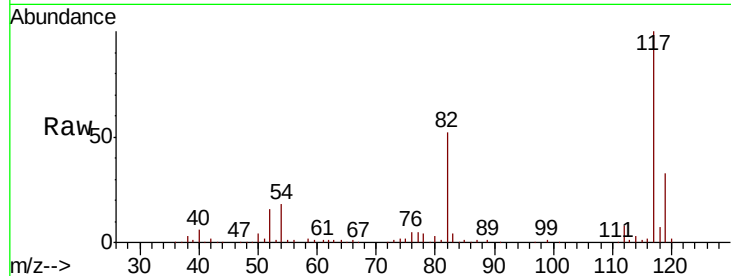




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

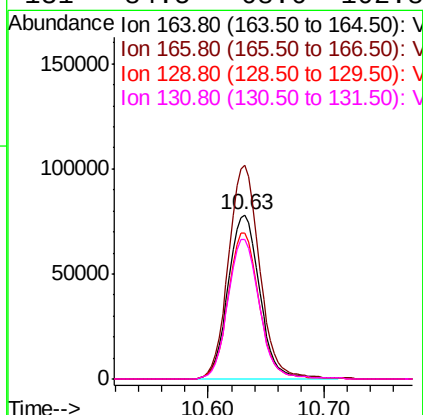
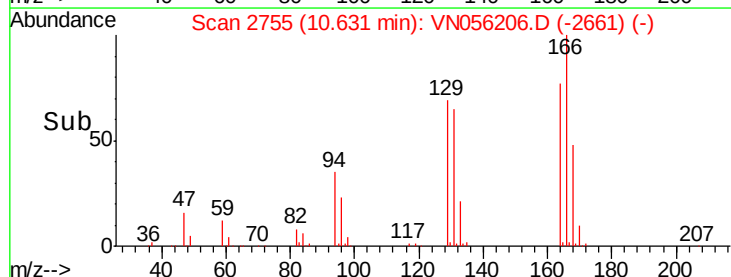
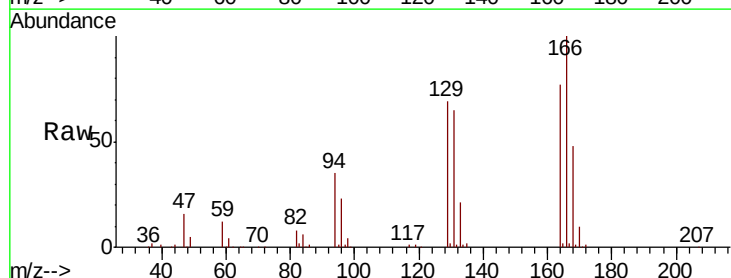
Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

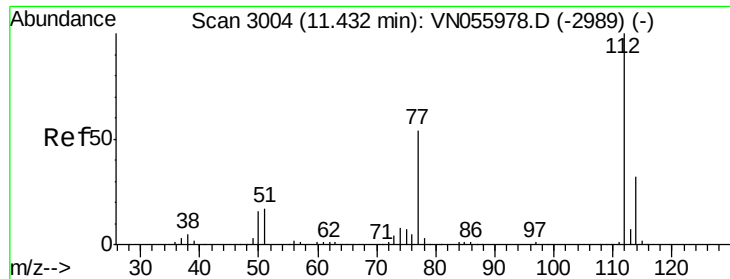
Tot Ion:117 Resp: 368207
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 46.435 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion:164 Resp: 147999
Ion Ratio Lower Upper
164 100
166 129.8 103.0 154.6
129 89.1 70.6 105.8
131 84.5 68.6 102.8





#65

Chlorobenzene

Concen: 50.479 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

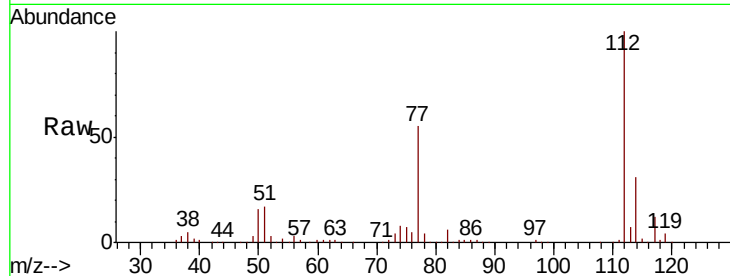
RE123D1-20190605MSD

Tot Ion:112 Resp: 369911

Ion Ratio Lower Upper

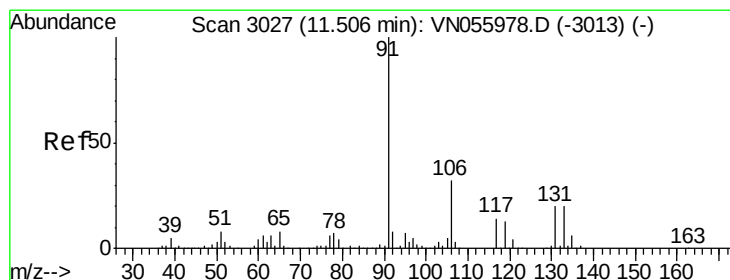
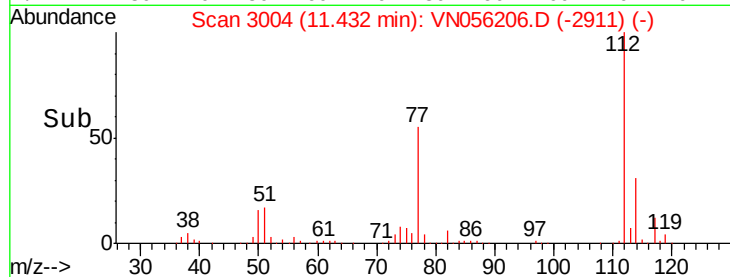
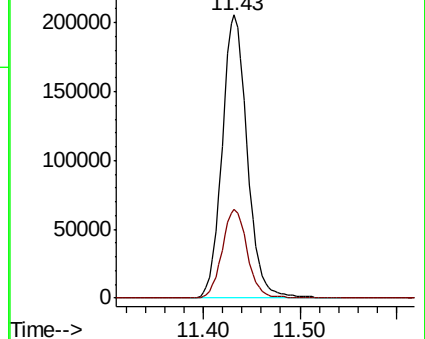
112 100

114 31.2 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.219 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

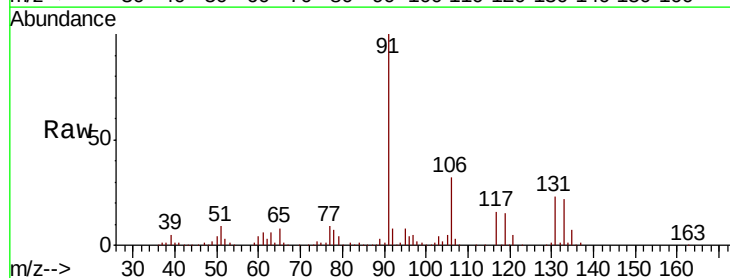
Tgt Ion:131 Resp: 139720

Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.0

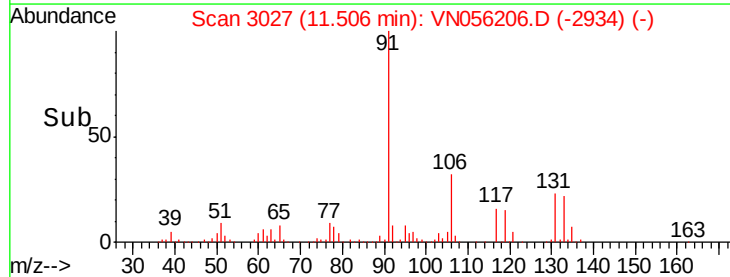
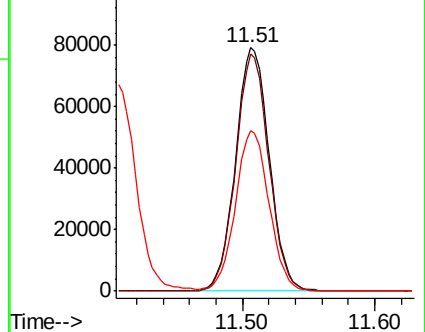
119 65.8 33.1 99.5

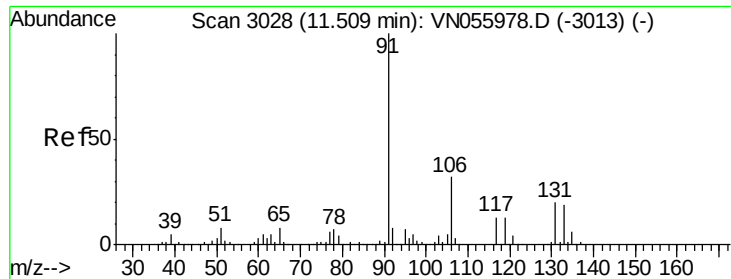


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

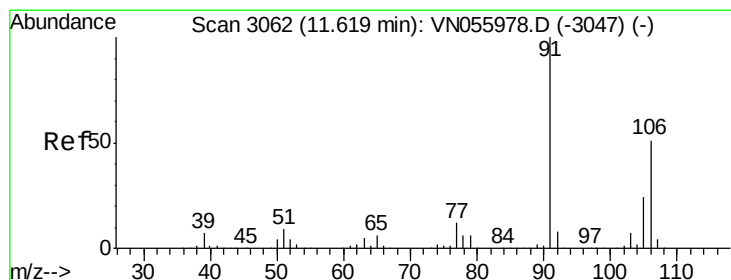
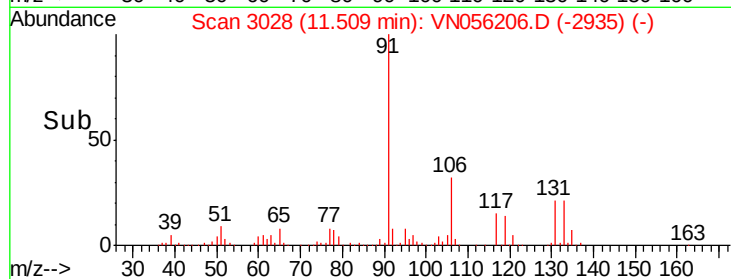
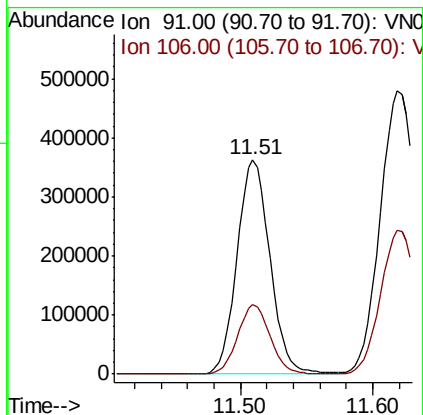
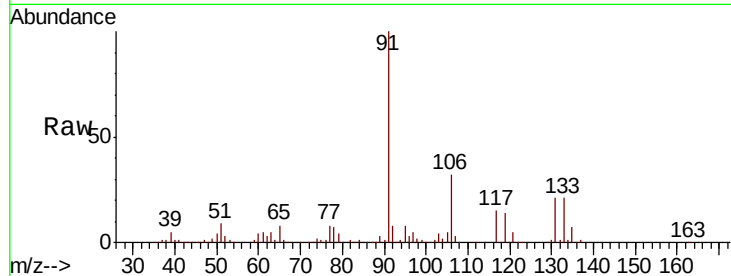




#67
Ethyl Benzene
Concen: 49.099 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

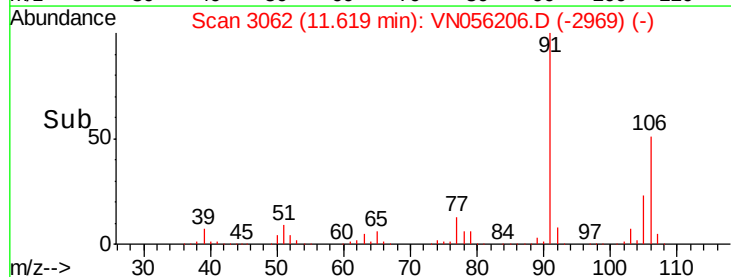
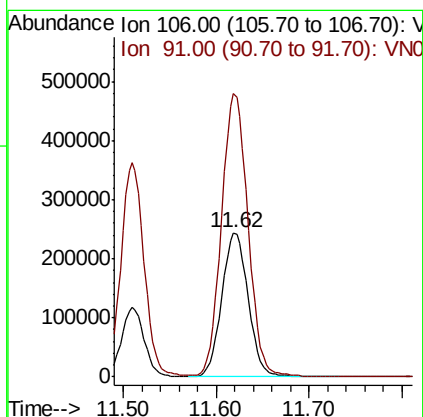
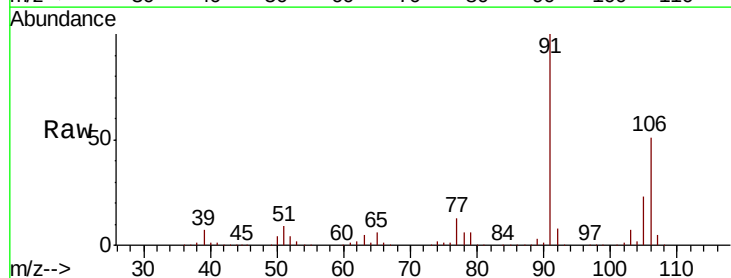
Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

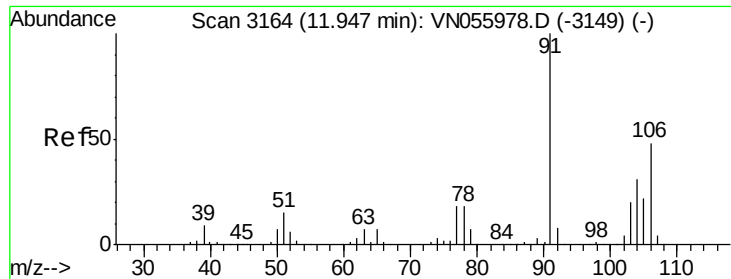
Tot Ion: 91 Resp: 625640
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 99.270 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion: 106 Resp: 483219
Ion Ratio Lower Upper
106 100
91 196.6 159.3 238.9

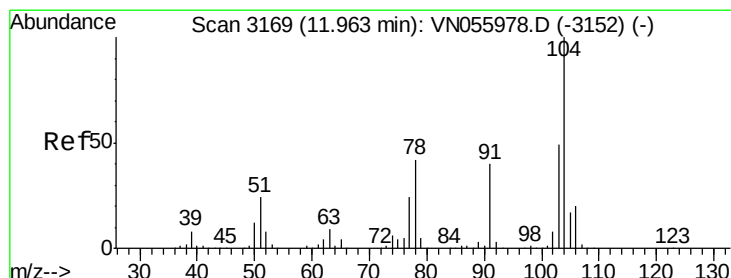
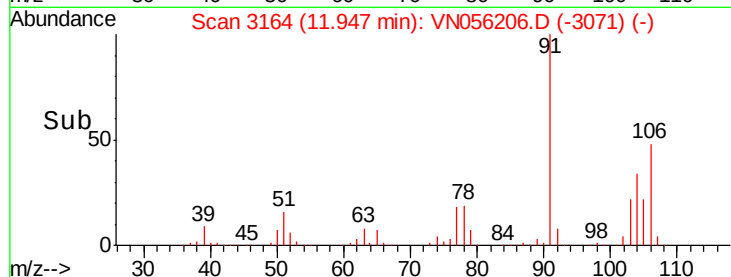
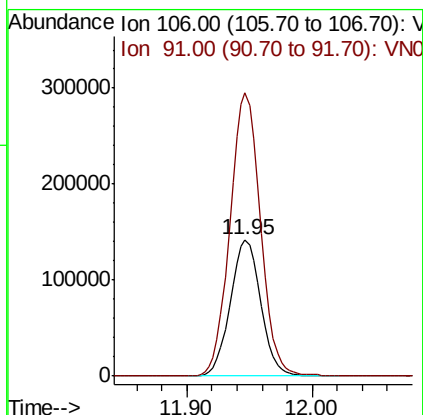
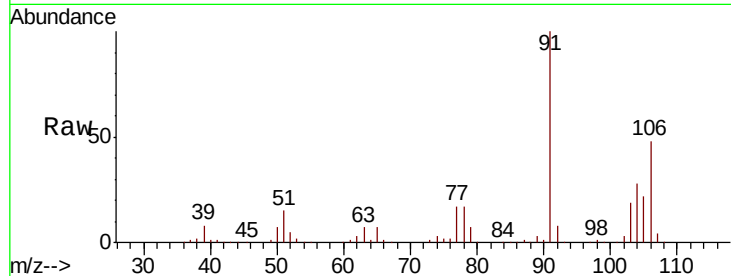




#69
o-Xylene
Concen: 50.044 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

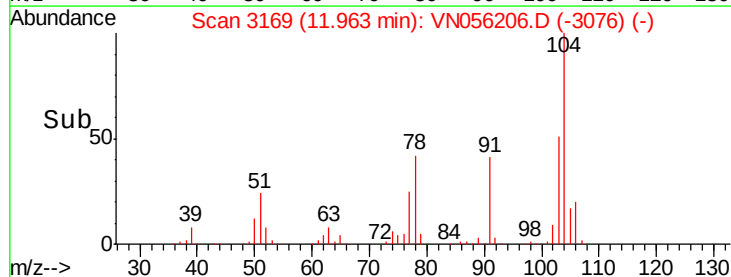
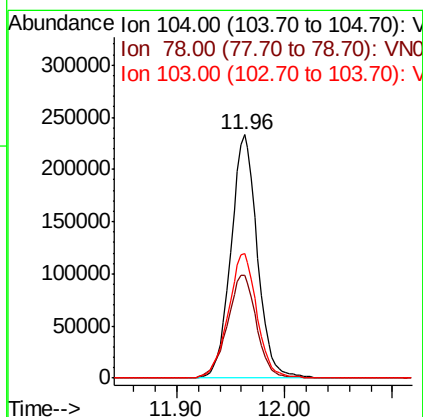
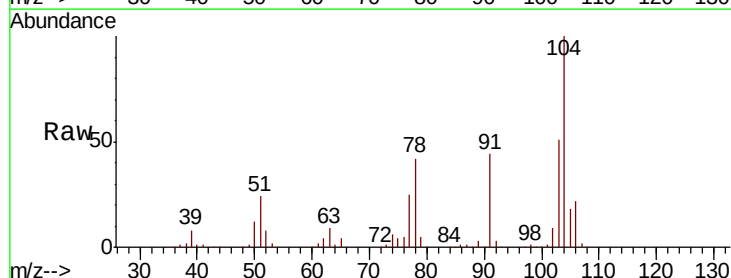
Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

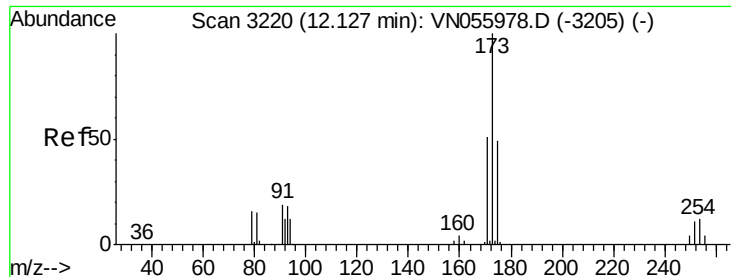
Tot Ion:106 Resp: 239620
Ion Ratio Lower Upper
106 100
91 207.7 104.7 314.1



#70
Styrene
Concen: 52.378 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion:104 Resp: 398478
Ion Ratio Lower Upper
104 100
78 46.9 37.8 56.6
103 55.7 44.2 66.2





#71

Bromoform

Concen: 52.793 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

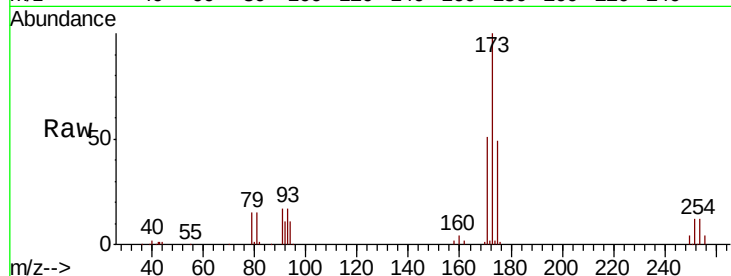
Tot Ion:173 Resp: 112493

Ion Ratio Lower Upper

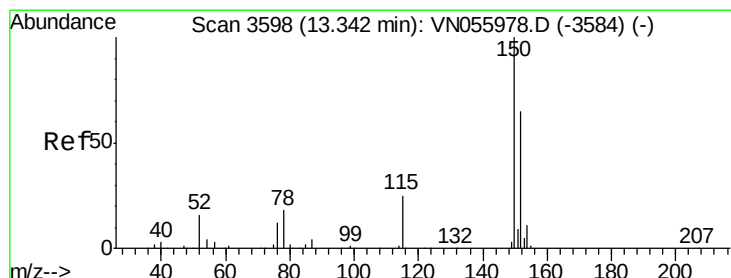
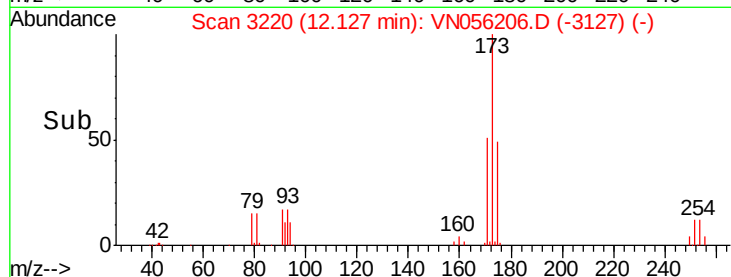
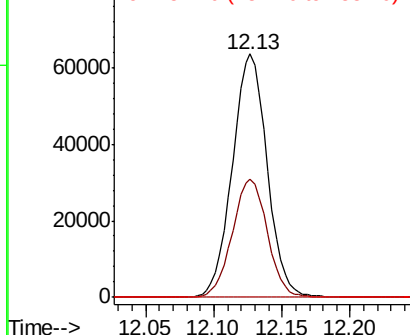
173 100

175 48.9 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

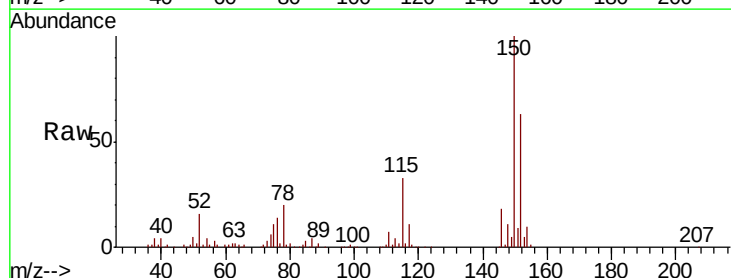
Tgt Ion:152 Resp: 167933

Ion Ratio Lower Upper

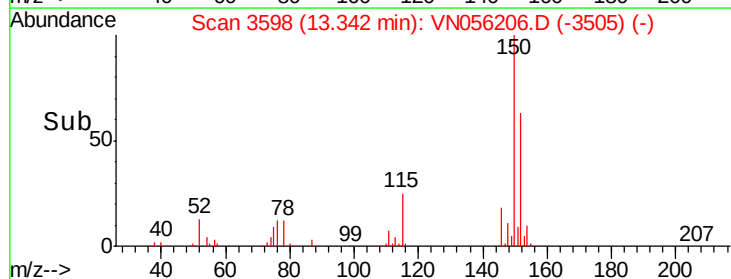
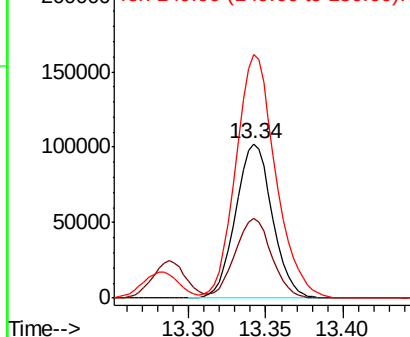
152 100

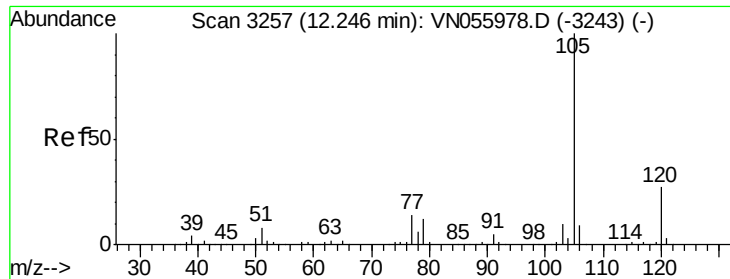
115 51.9 27.0 81.0

150 171.9 0.0 343.2



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: 51.830 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

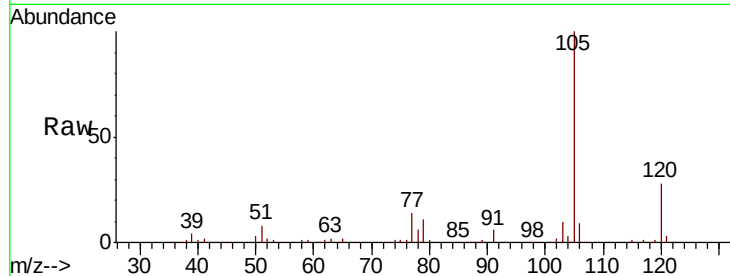
RE123D1-20190605MSD

Tot Ion:105 Resp: 619361

Ion Ratio Lower Upper

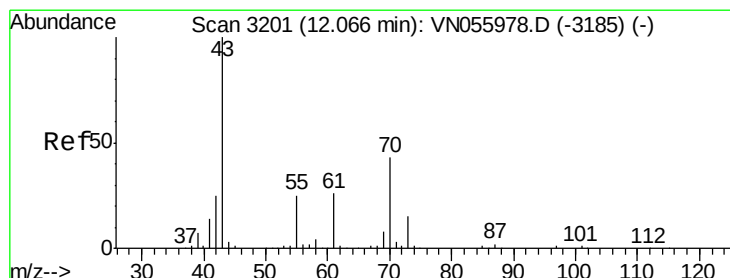
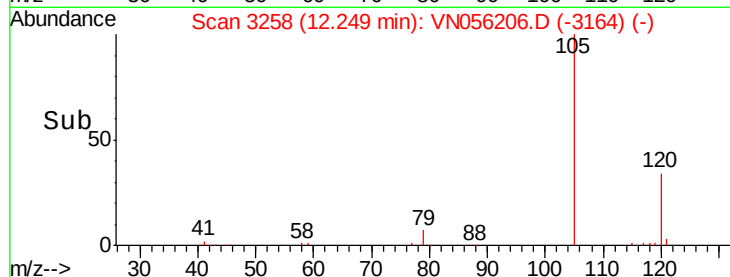
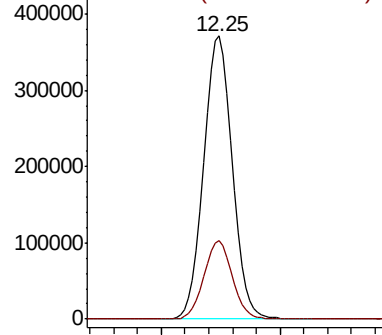
105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 40.091 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Tgt Ion: 43 Resp: 179468

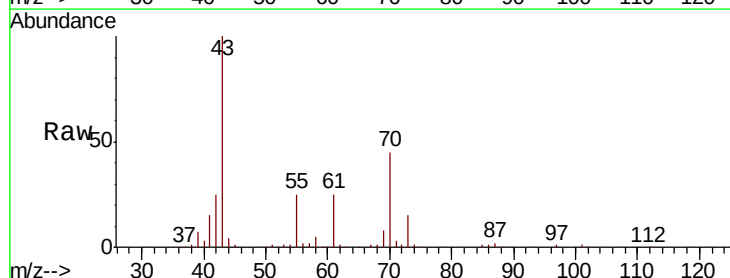
Ion Ratio Lower Upper

43 100

70 44.3 34.0 51.0

55 25.7 18.6 28.0

61 25.4 20.0 30.0

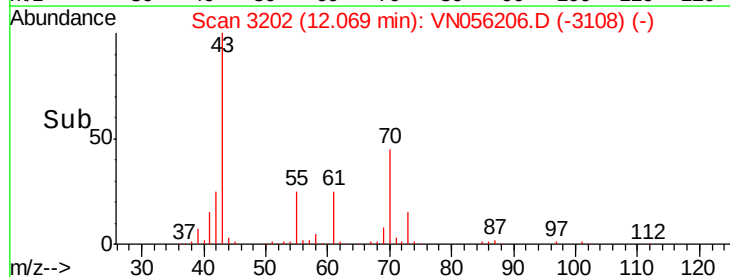
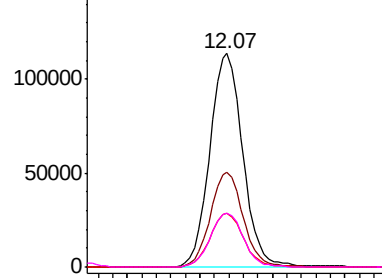


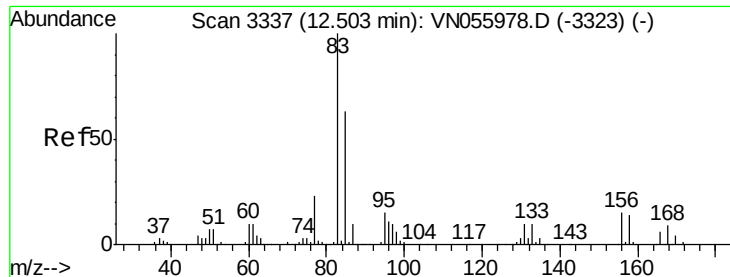
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.236 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

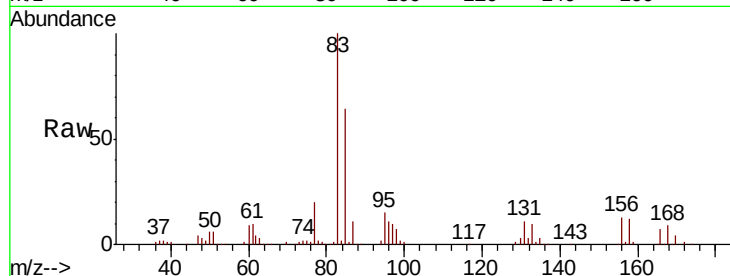
Tot Ion: 83 Resp: 195844

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

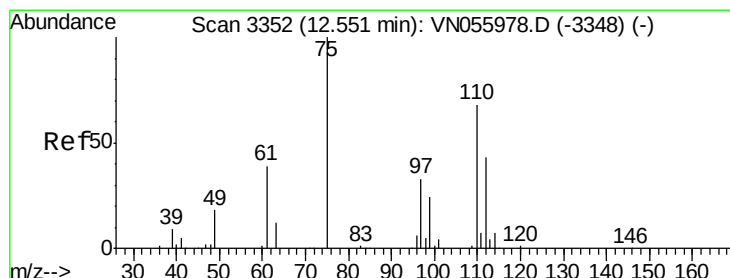
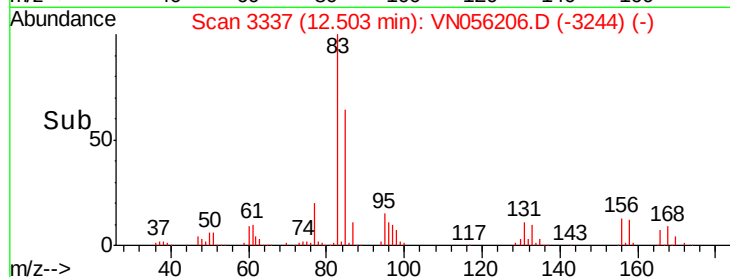
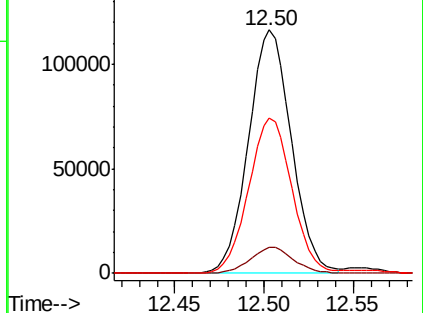
85 64.3 32.4 97.0



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

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

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



#76

1,2,3-Trichloropropane

Concen: 69.473 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056206.D

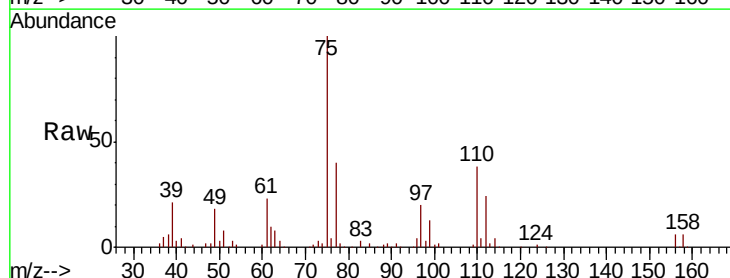
Acq: 11 Jun 2019 7:41

Tgt Ion: 75 Resp: 214674

Ion Ratio Lower Upper

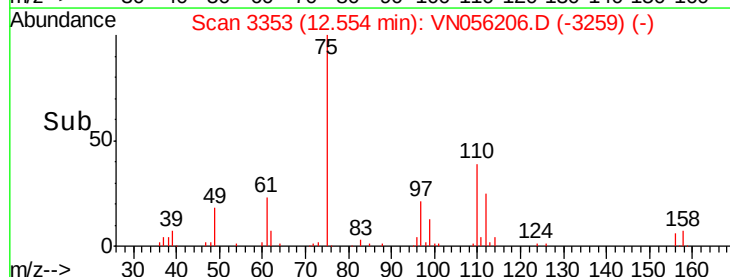
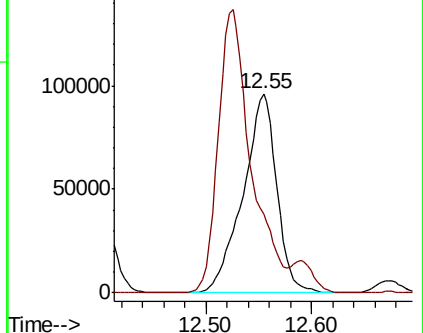
75 100

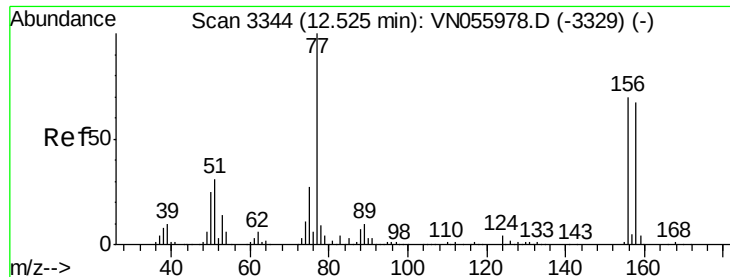
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 48.772 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

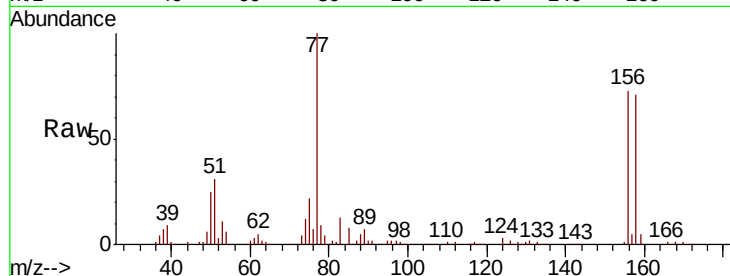
Tot Ion:156 Resp: 175354

Ion Ratio Lower Upper

156 100

77 168.5 90.8 272.5

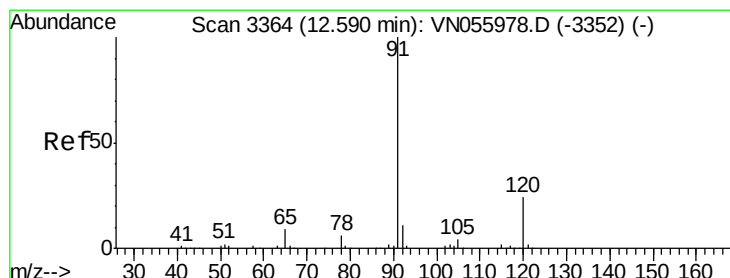
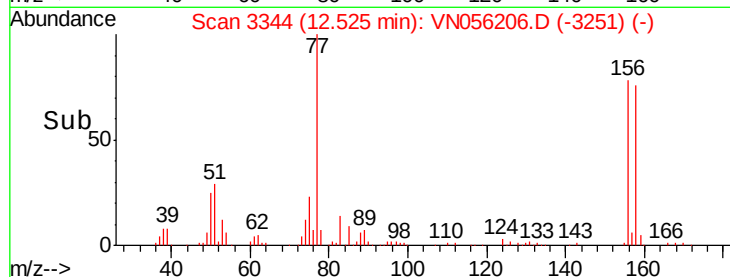
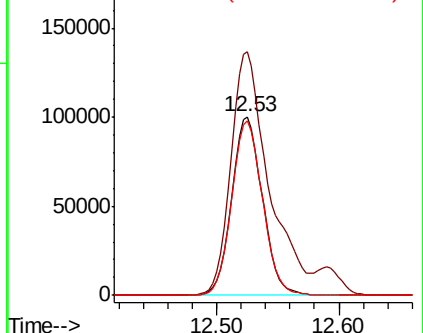
158 98.1 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.965 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056206.D

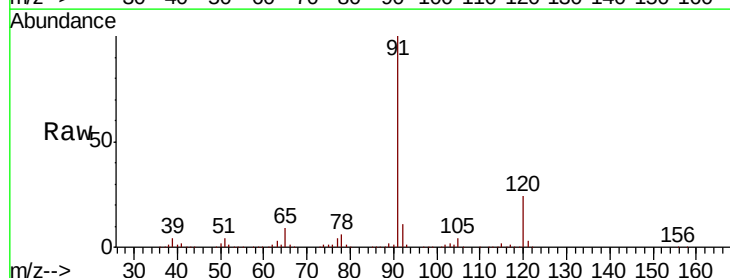
Acq: 11 Jun 2019 7:41

Tgt Ion: 91 Resp: 653030

Ion Ratio Lower Upper

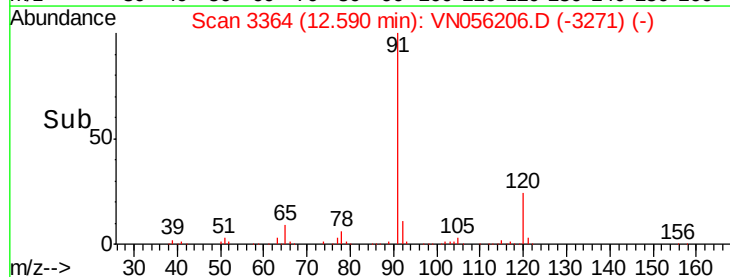
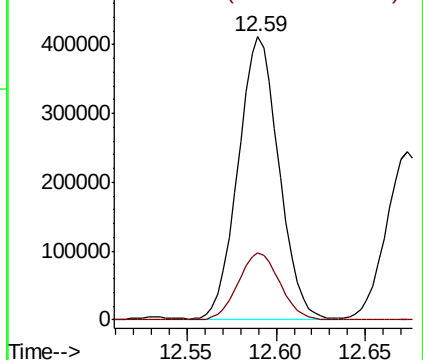
91 100

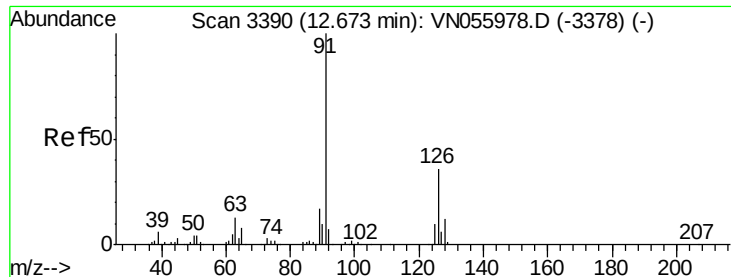
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.751 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

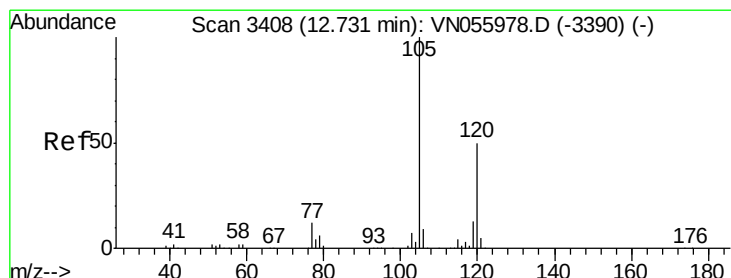
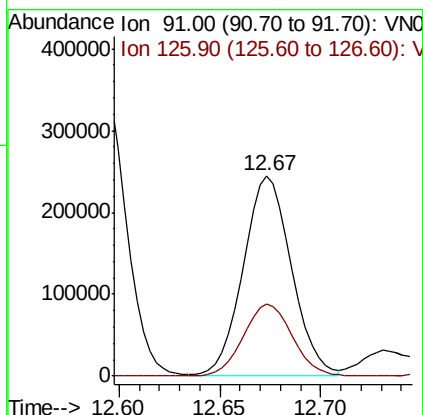
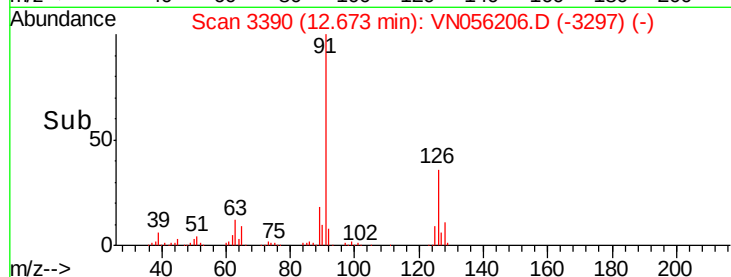
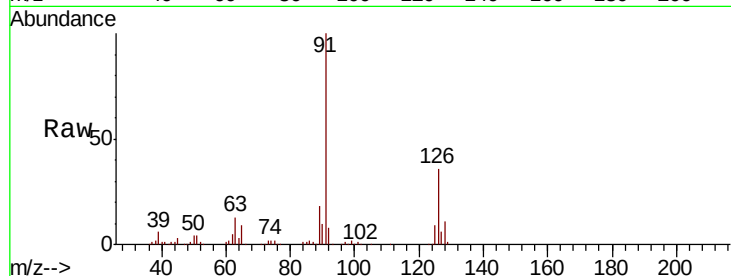
RE123D1-20190605MSD

Tot Ion: 91 Resp: 407164

Ion Ratio Lower Upper

91 100

126 36.9 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 45.345 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056206.D

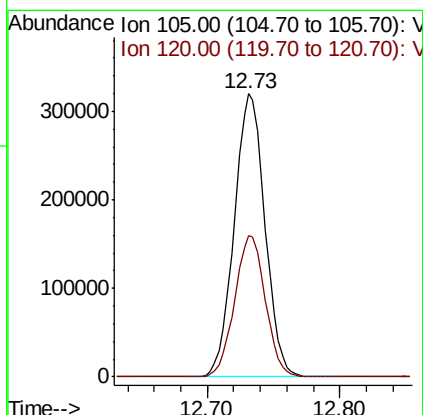
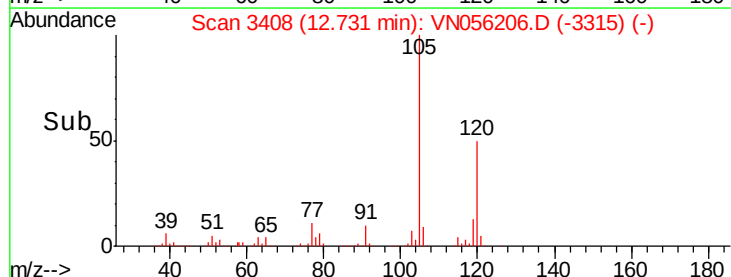
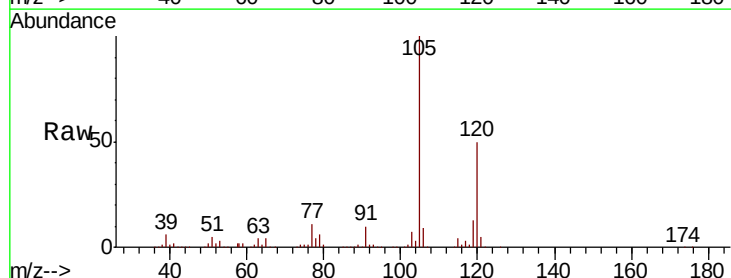
Acq: 11 Jun 2019 7:41

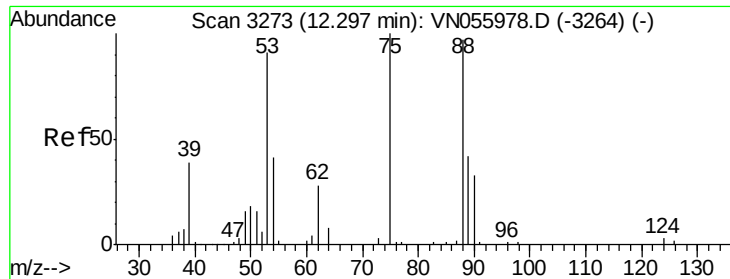
Tgt Ion: 105 Resp: 511995

Ion Ratio Lower Upper

105 100

120 50.0 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 40.195 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

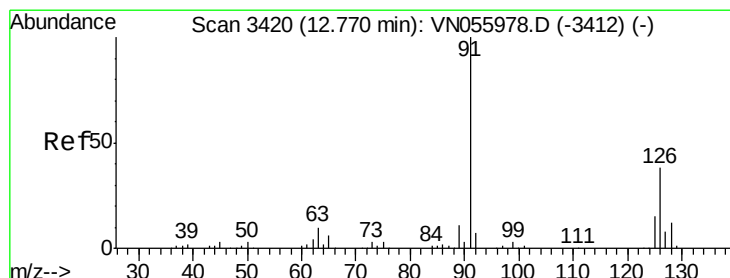
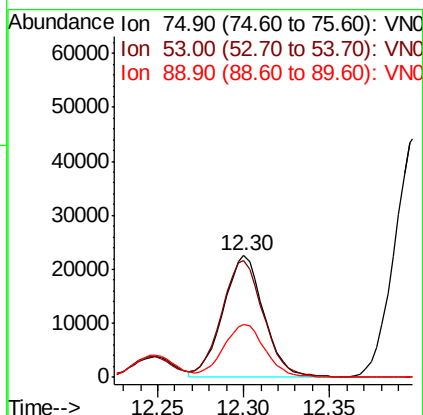
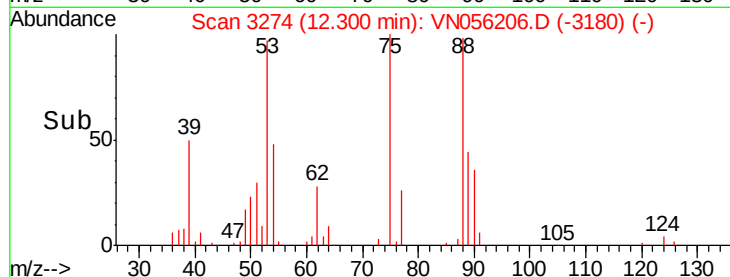
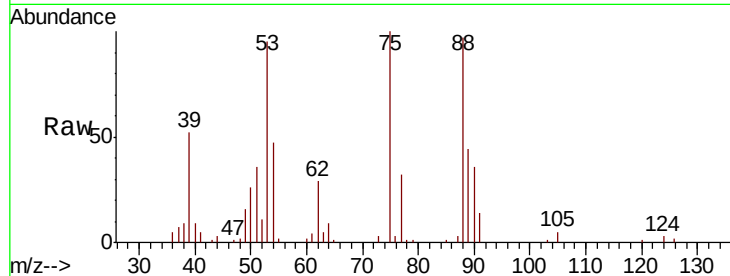
Tot Ion: 75 Resp: 37296

Ion Ratio Lower Upper

75 100

53 98.5 68.1 102.1

89 44.4 36.9 55.3



#82

4-Chlorotoluene

Concen: 47.146 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056206.D

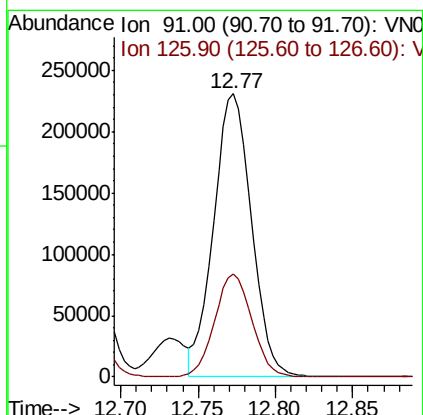
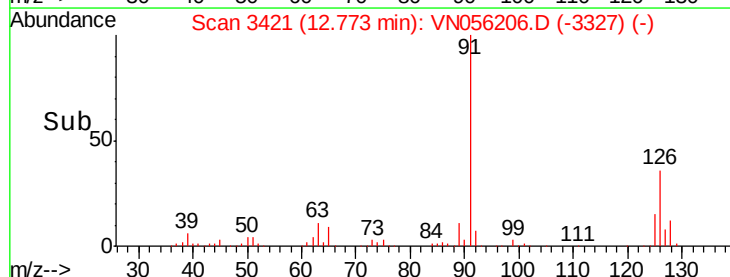
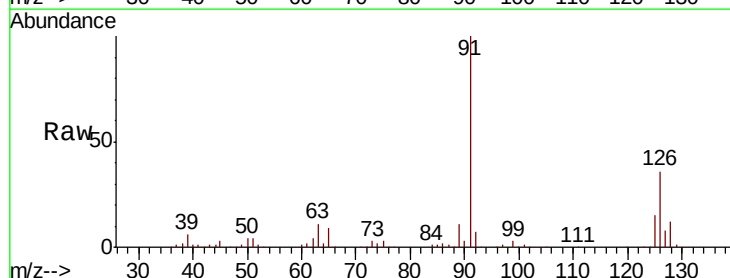
Acq: 11 Jun 2019 7:41

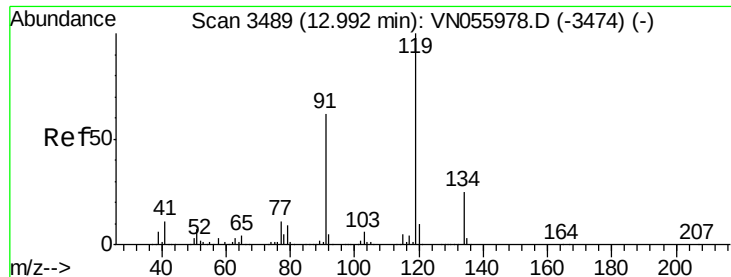
Tgt Ion: 91 Resp: 391866

Ion Ratio Lower Upper

91 100

126 36.0 17.8 53.3

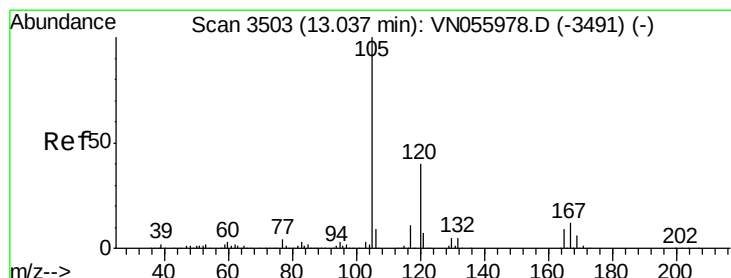
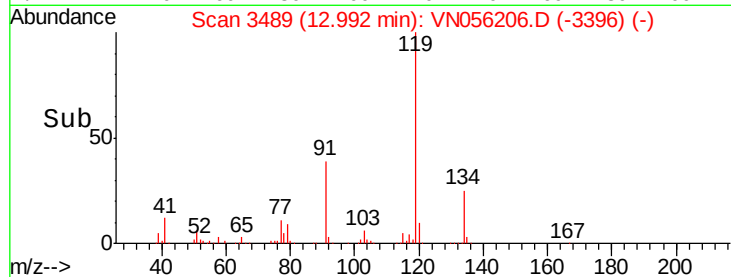
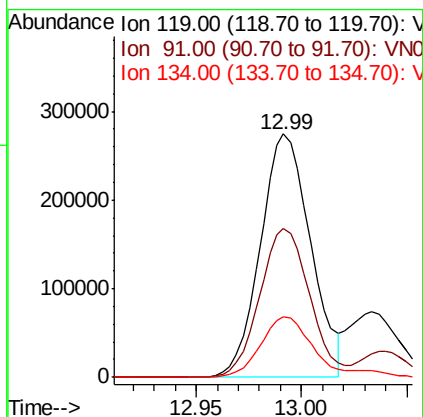
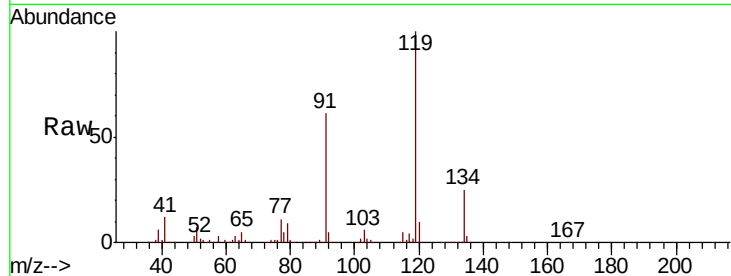




#83
 tert-Butylbenzene
 Concen: 52.122 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

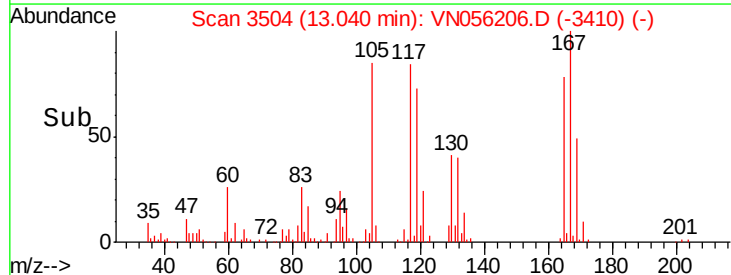
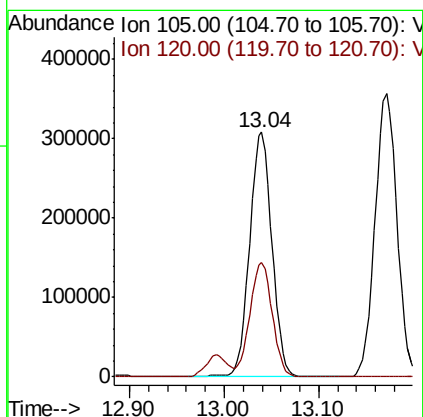
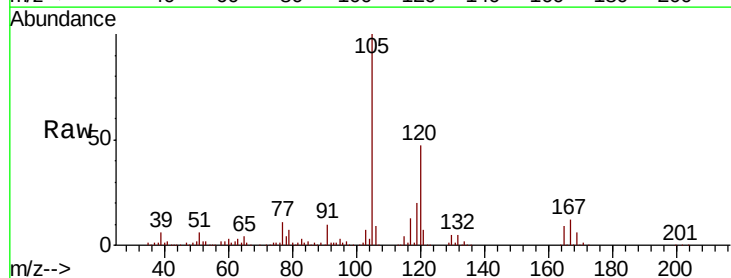
Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

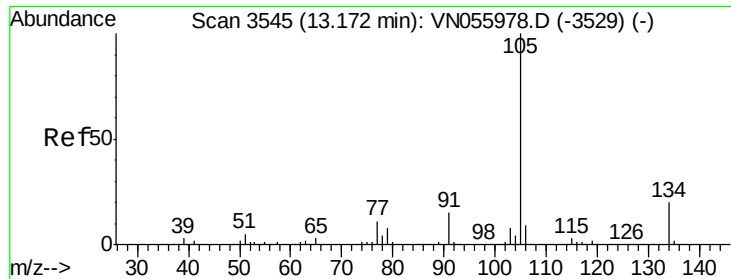
Tot Ion:119 Resp: 455613
 Ion Ratio Lower Upper
 119 100
 91 60.7 30.9 92.8
 134 27.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.114 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion:105 Resp: 504465
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 45.649 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

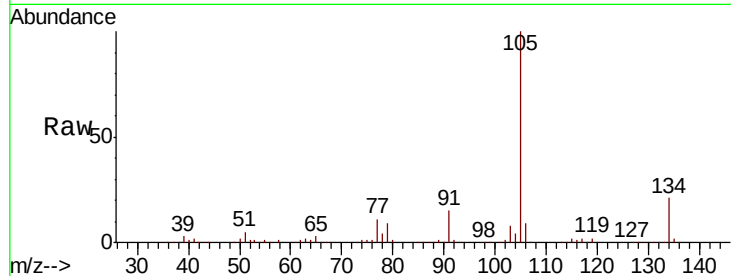
RE123D1-20190605MSD

Tot Ion:105 Resp: 574339

Ion Ratio Lower Upper

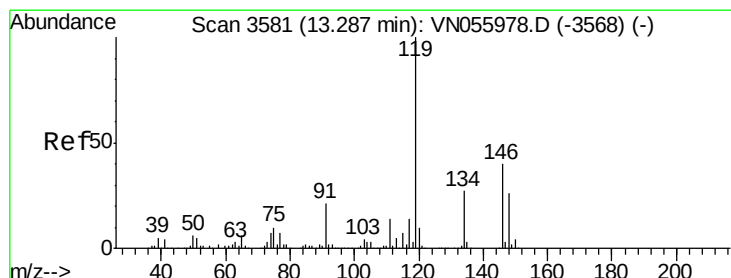
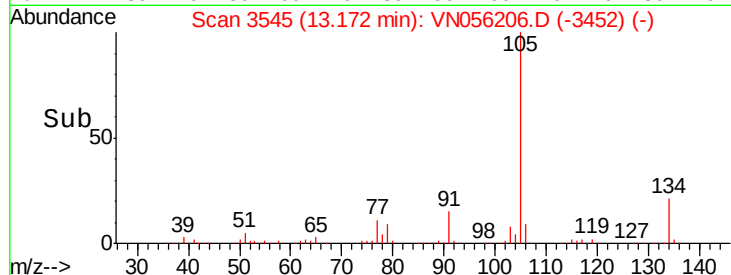
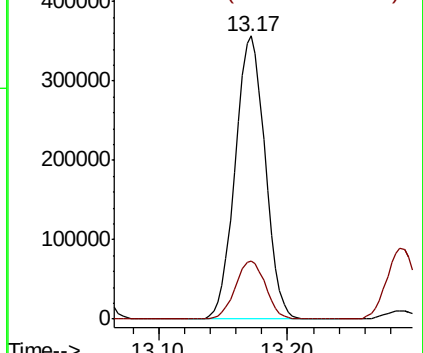
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.702 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

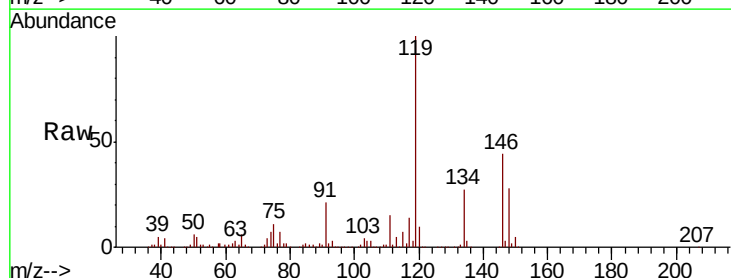
Tgt Ion:119 Resp: 514613

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

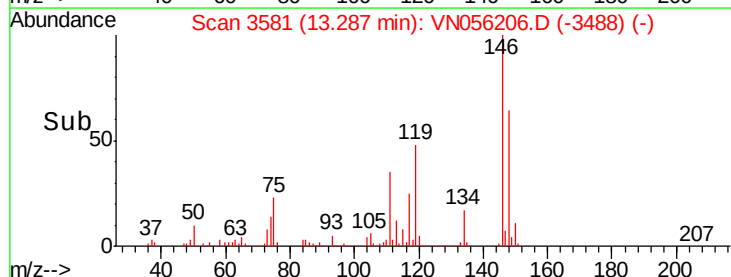
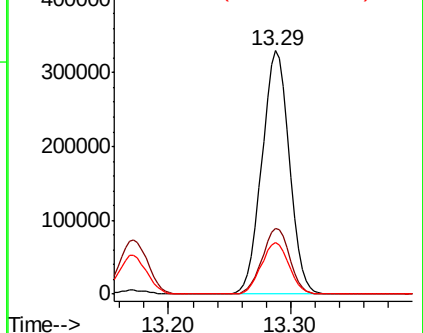
91 21.6 10.9 32.9

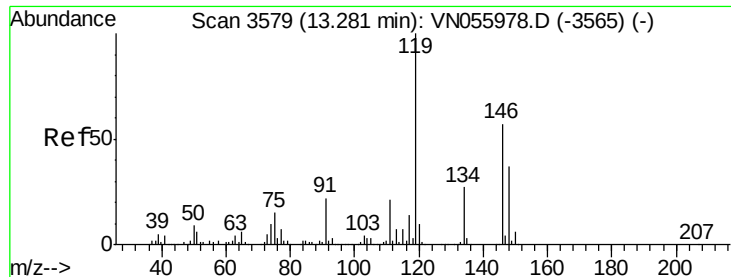


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

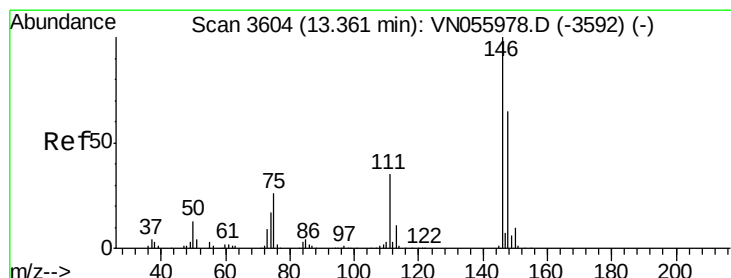
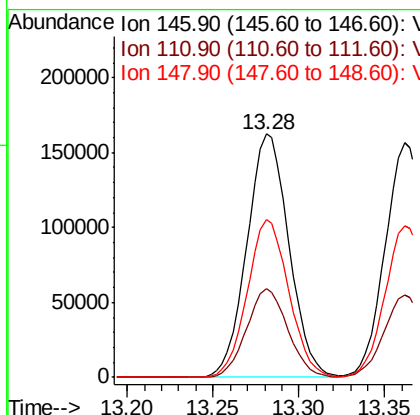
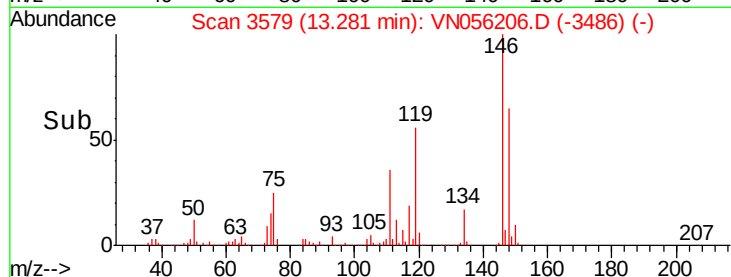
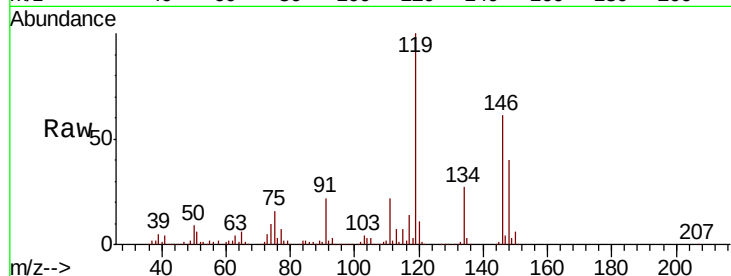




#87
 1,3-Dichlorobenzene
 Concen: 49.329 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

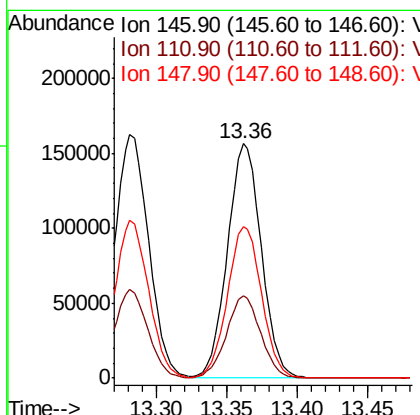
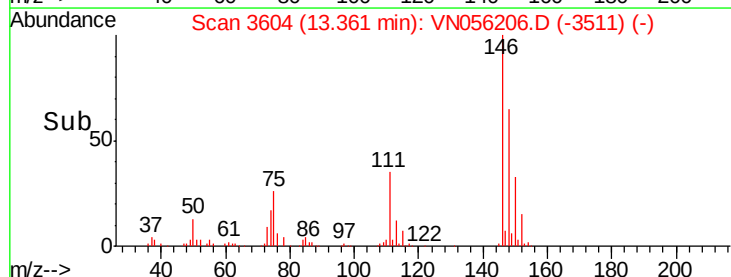
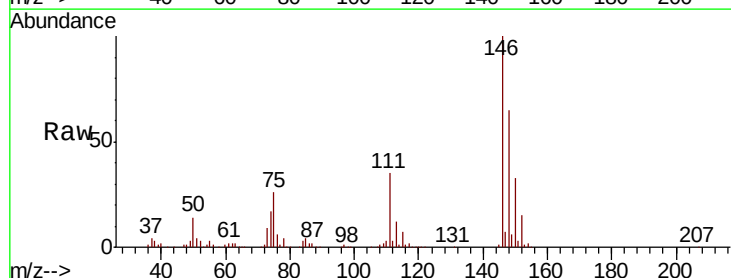
Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

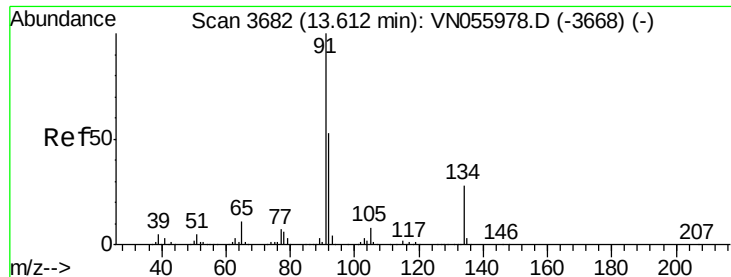
Tot Ion:146 Resp: 274500
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.5 55.5
 148 63.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.216 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion:146 Resp: 263451
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.1 54.4
 148 65.1 32.1 96.5





#89

n-Butylbenzene

Concen: 43.516 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056206.D

Acq: 11 Jun 2019 7:41

Instrument :

MSVOA_N

ClientSampleId :

RE123D1-20190605MSD

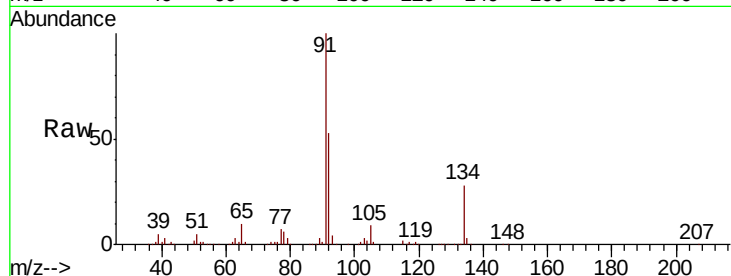
Tot Ion: 91 Resp: 362983

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

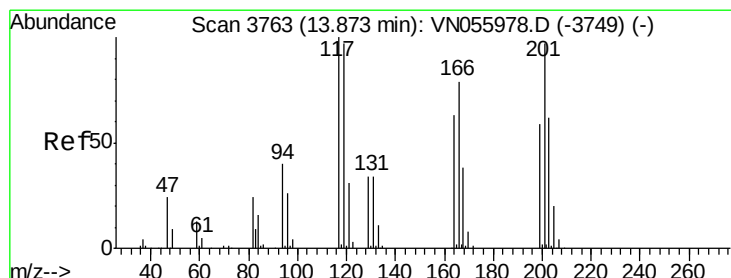
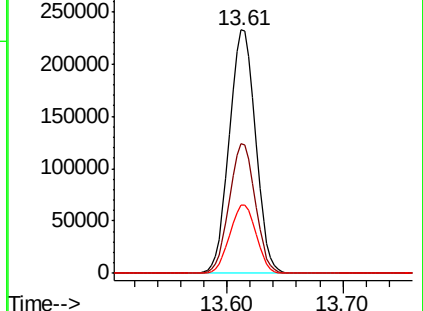
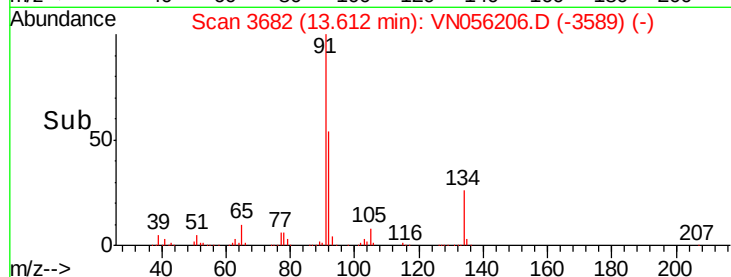
134 28.4 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)



#90

Hexachloroethane

Concen: 51.312 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN056206.D

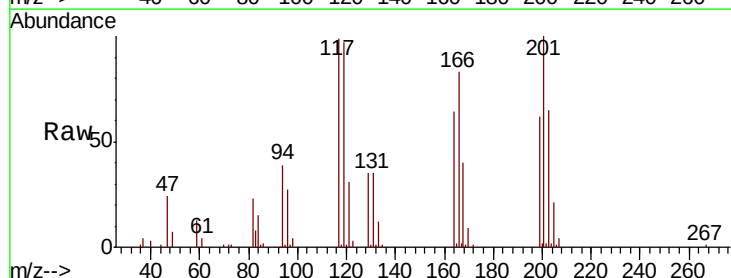
Acq: 11 Jun 2019 7:41

Tgt Ion: 117 Resp: 87134

Ion Ratio Lower Upper

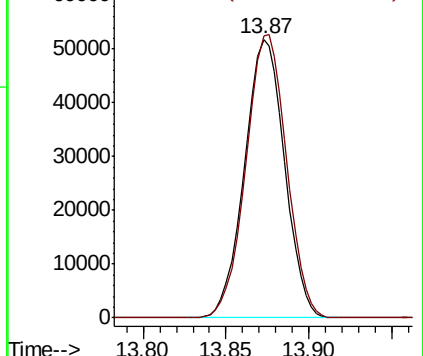
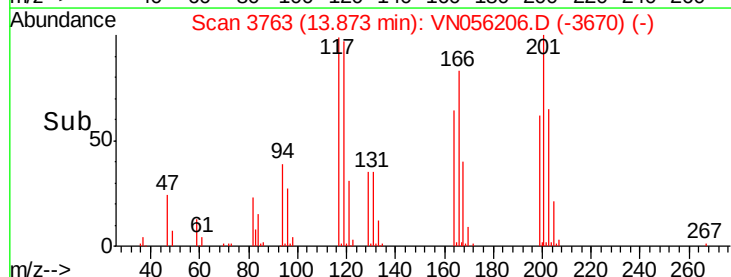
117 100

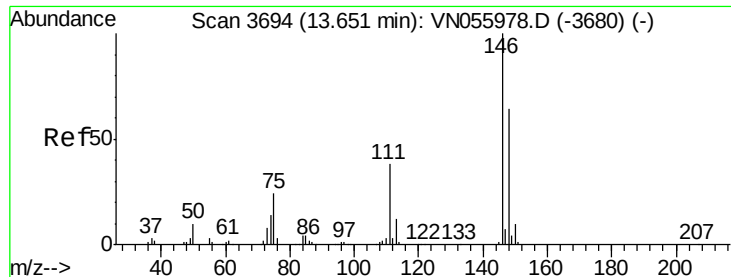
201 102.9 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)

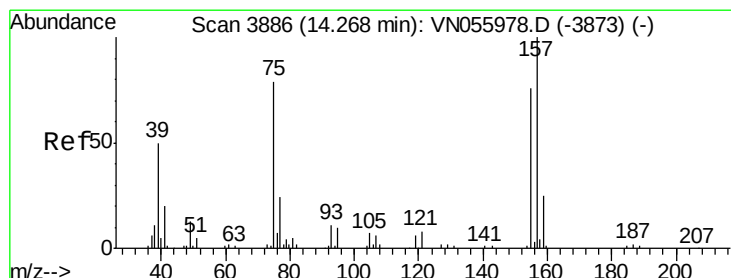
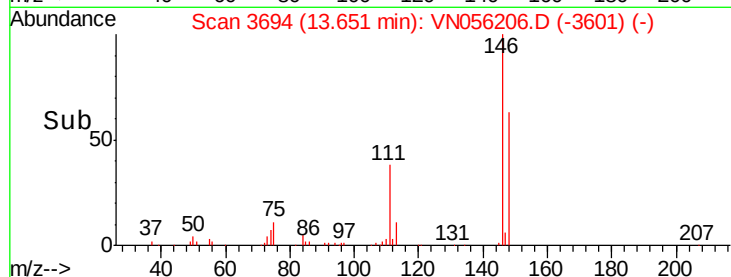
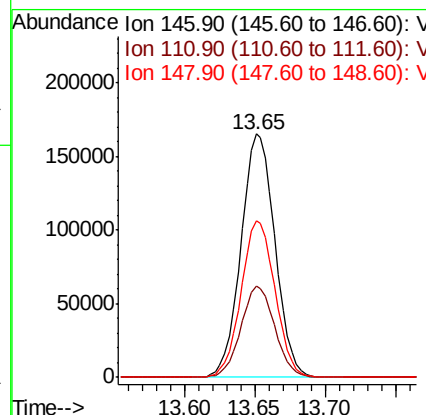
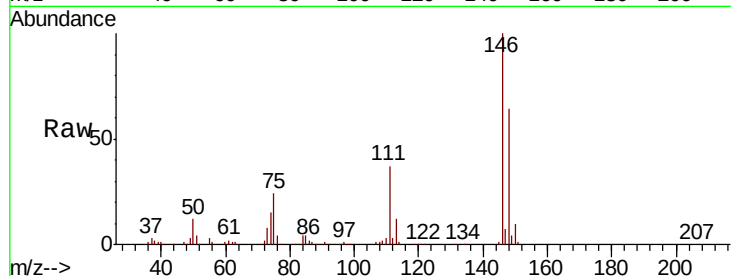




#91
 1,2-Dichlorobenzene
 Concen: 49.639 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

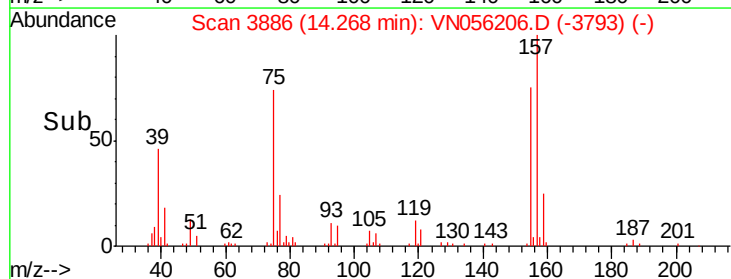
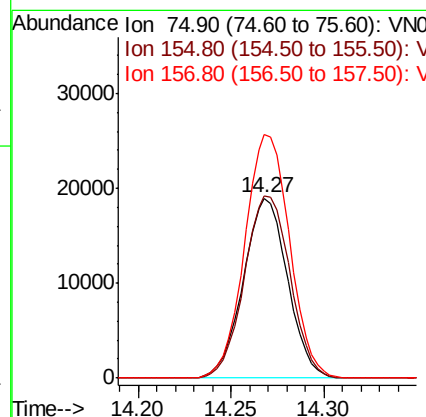
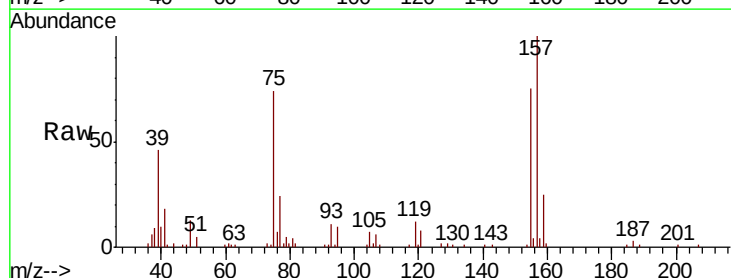
Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

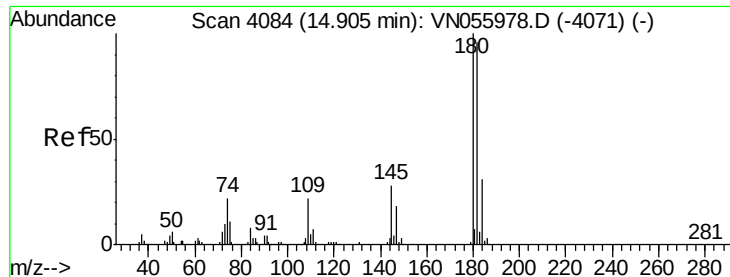
Tot Ion:146 Resp: 278881
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.5
 148 64.3 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.605 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion: 75 Resp: 31563
 Ion Ratio Lower Upper
 75 100
 155 104.8 50.0 150.1
 157 137.4 64.8 194.3

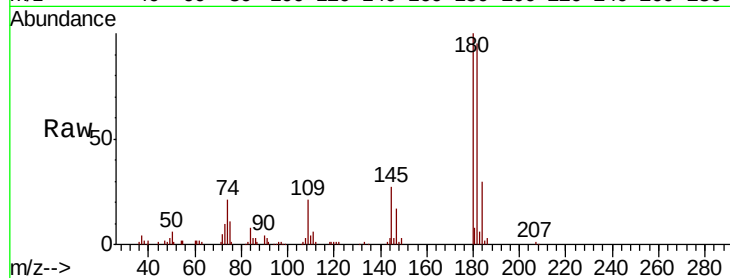




#93
 1,2,4-Trichlorobenzene
 Concen: 42.424 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D1-20190605MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.3	144.9
145	26.3	14.0	41.9

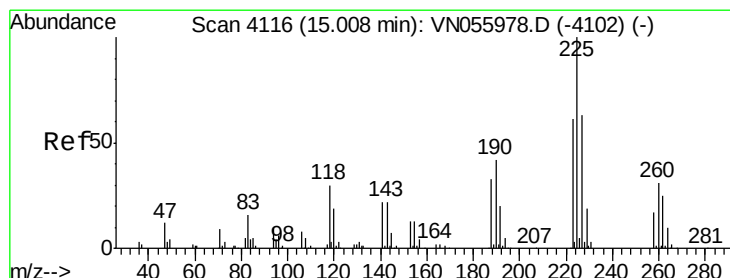
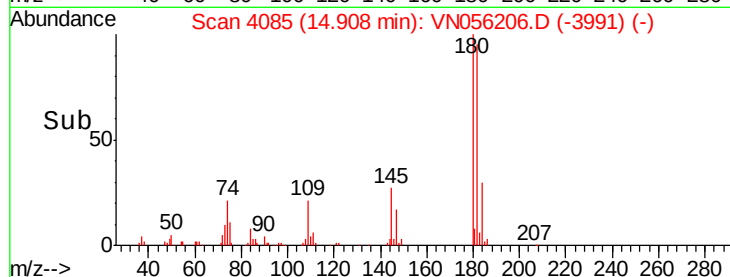
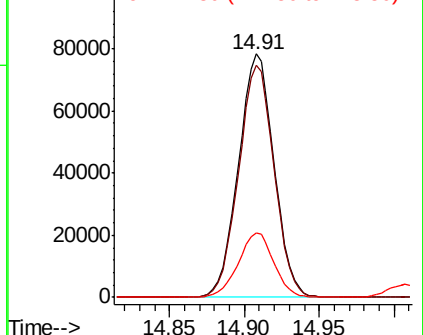


Abundance

Ion 179.80 (179.50 to 180.50): V

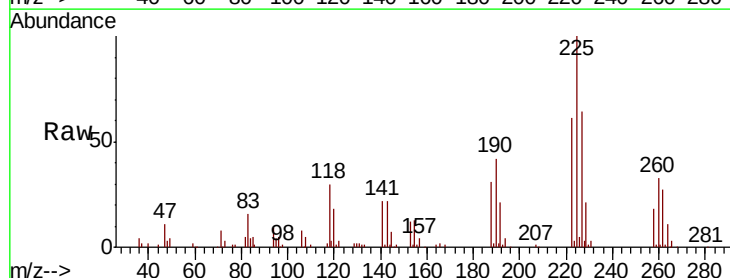
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.044 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056206.D
 Acq: 11 Jun 2019 7:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	30.9	92.7
227	63.7	31.6	94.7

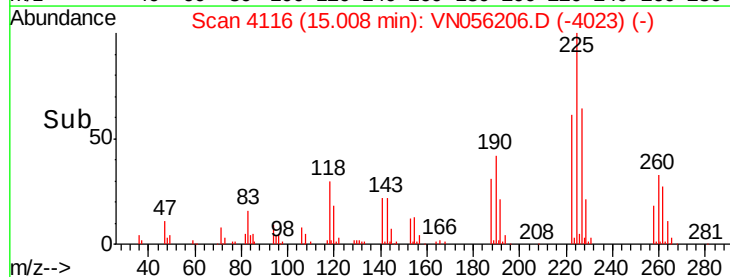
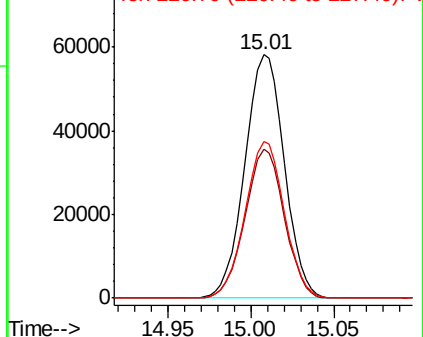


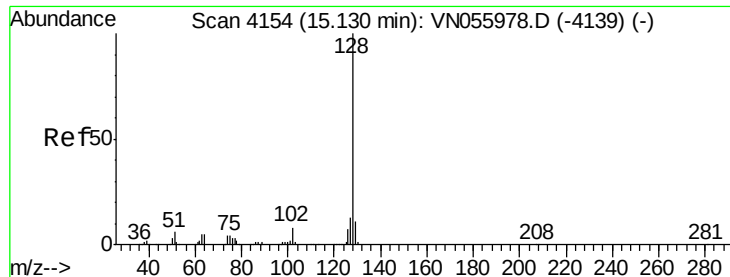
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

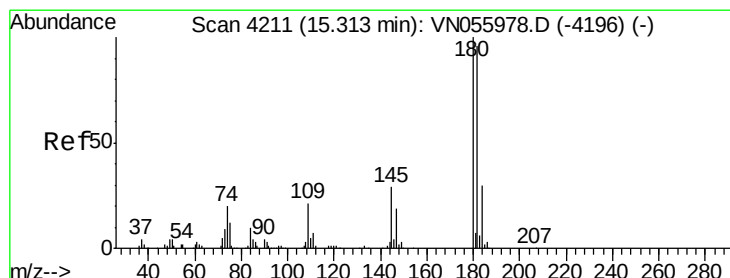
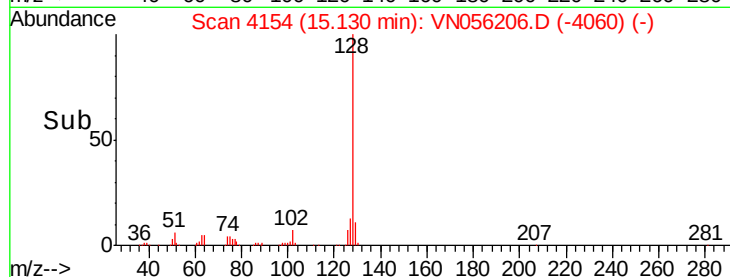
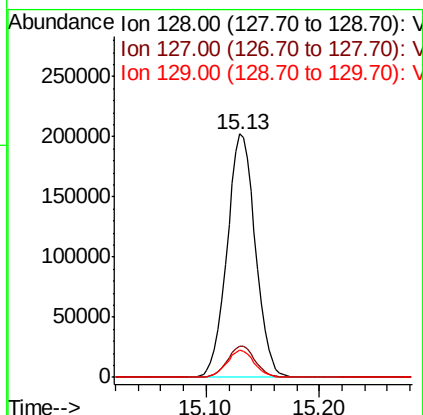
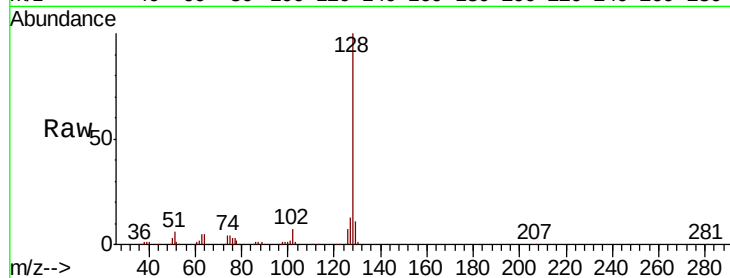




#95
Naphthalene
Concen: 44.254 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Instrument :
MSVOA_N
ClientSampleId :
RE123D1-20190605MSD

Tot Ion:128 Resp: 351610
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.499 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056206.D
Acq: 11 Jun 2019 7:41

Tgt Ion:180 Resp: 145999
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.7
145 28.6 14.9 44.7

