

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057554.D
 Acq On : 29 Aug 2019 17:04
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 29 17:31:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 17:26:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	532123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	838790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	810302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	447007	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	788697	86.03	ug/l	0.00
Spiked Amount			Recovery	=	172.06%	
35) Dibromofluoromethane	7.58	113	695056	115.33	ug/l	0.00
Spiked Amount			Recovery	=	230.66%	
50) Toluene-d8	10.09	98	2698078	117.99	ug/l	0.00
Spiked Amount			Recovery	=	235.98%	
62) 4-Bromofluorobenzene	12.40	95	984550	126.95	ug/l	0.00
Spiked Amount			Recovery	=	253.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	585285	94.214	ug/l	95
3) Chloromethane	2.05	50	514937	60.477	ug/l	98
4) Vinyl Chloride	2.18	62	779163	73.552	ug/l	98
5) Bromomethane	2.54	94	677448	97.271	ug/l	99
6) Chloroethane	2.69	64	489948	71.254	ug/l	98
7) Trichlorofluoromethane	3.01	101	1599558	92.581	ug/l	99
8) Diethyl Ether	3.40	74	507558	79.714	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	3.74	101	943675	97.231	ug/l #	83
10) Methyl Iodide	3.93	142	1613432	177.967	ug/l	92
11) Tert butyl alcohol	4.80	59	387175	349.531	ug/l	97
12) 1,1-Dichloroethene	3.72	96	896364	96.054	ug/l #	73
13) Acrolein	3.59	56	299680	311.778	ug/l	96
14) Allyl chloride	4.30	41	688013	55.704	ug/l #	85
15) Acrylonitrile	4.97	53	1012896	339.077	ug/l	98
16) Acetone	3.81	43	1466942	331.216	ug/l	94
17) Carbon Disulfide	4.03	76	1282163	76.052	ug/l	99
18) Methyl Acetate	4.31	43	465614	44.469	ug/l #	83
19) Methyl tert-butyl Ether	5.03	73	1822527	84.048	ug/l #	89
20) Methylene Chloride	4.53	84	574238	82.380	ug/l #	79
21) trans-1,2-Dichloroethene	5.01	96	605841	94.035	ug/l #	81
22) Diisopropyl ether	5.94	45	1558332	63.953	ug/l #	91
23) Vinyl Acetate	5.88	43	5969936	312.072	ug/l #	79
24) 1,1-Dichloroethane	5.83	63	1026740	77.277	ug/l	97
25) 2-Butanone	6.83	43	1288444	292.388	ug/l #	78
26) 2,2-Dichloropropane	6.81	77	1048808	88.555	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	732954	95.553	ug/l	79
28) Bromochloromethane	7.18	49	442413	64.530	ug/l #	39
29) Tetrahydrofuran	7.20	42	802887	279.044	ug/l #	68
30) Chloroform	7.36	83	1265505	88.863	ug/l	100
31) Cyclohexane	7.64	56	886426	70.590	ug/l #	78
32) 1,1,1-Trichloroethane	7.56	97	1204695	101.106	ug/l #	92
36) 1,1-Dichloropropene	7.78	75	904069	102.842	ug/l	93
37) Ethyl Acetate	6.92	43	543116	66.857	ug/l #	91
38) Carbon Tetrachloride	7.76	117	1073155	119.153	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	1163305	110.326	ug/l #	83
40) Benzene	8.03	78	2701489	102.165	ug/l	99
41) Methacrylonitrile	7.17	41	285645	74.333	ug/l #	86
42) 1,2-Dichloroethane	8.11	62	931425	92.740	ug/l	96
43) Isopropyl Acetate	8.16	43	1050783	70.129	ug/l #	88
44) Trichloroethene	8.83	130	787613	128.508	ug/l	82
45) 1,2-Dichloropropane	9.11	63	626911	86.628	ug/l	99
46) Dibromomethane	9.20	93	501149	104.761	ug/l #	84
47) Bromodichloromethane	9.40	83	1053814	106.489	ug/l	99
48) Methyl methacrylate	9.19	41	479306	67.674	ug/l #	75
49) 1,4-Dioxane	9.20	88	195569	2016.761	ug/l #	75
51) 4-Methyl-2-Pentanone	9.98	43	2792774	335.580	ug/l #	83
52) Toluene	10.15	92	1885600	120.479	ug/l	92
53) t-1,3-Dichloropropene	10.38	75	1084034	105.422	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	1162222	101.957	ug/l #	82
55) 1,1,2-Trichloroethane	10.56	97	713160	113.214	ug/l	93
56) Ethyl methacrylate	10.43	69	970720	101.734	ug/l #	76
57) 1,3-Dichloropropane	10.71	76	1109367	103.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1329913	589.494	ug/l #	80
59) 2-Hexanone	10.75	43	2020442	353.275	ug/l	84
60) Dibromochloromethane	10.90	129	901602	132.477	ug/l	98
61) 1,2-Dibromoethane	11.00	107	776314	124.400	ug/l	97
64) Tetrachloroethene	10.63	164	775803	127.327	ug/l	94
65) Chlorobenzene	11.43	112	2086613	120.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	832304	124.933	ug/l	97
67) Ethyl Benzene	11.51	91	3237049	98.607	ug/l #	76
68) m/p-Xylenes	11.62	106	2853871	250.177	ug/l #	65
69) o-Xylene	11.95	106	1426183	126.748	ug/l	80
70) Styrene	11.96	104	2341020	131.216	ug/l	93
71) Bromoform	12.13	173	619666	136.928	ug/l #	99
73) Isopropylbenzene	12.25	105	3302309	66.067	ug/l	87
74) N-amyl acetate	12.07	43	907185	42.405	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.51	83	863428	60.228	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	1095908	98.872	ug/l #	100
77) Bromobenzene	12.53	156	942112	92.796	ug/l	67
78) n-propylbenzene	12.59	91	3415857	64.903	ug/l	81
79) 2-Chlorotoluene	12.68	91	2339176	74.586	ug/l	86
80) 1,3,5-Trimethylbenzene	12.73	105	2929757	74.001	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.30	75	263685	62.585	ug/l	85
82) 4-Chlorotoluene	12.77	91	2373500	79.177	ug/l	86
83) tert-Butylbenzene	12.99	119	2683468	75.863	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	2864802	81.564	ug/l	89
85) sec-Butylbenzene	13.17	105	3185417	73.885	ug/l	88
86) p-Isopropyltoluene	13.29	119	3023239	84.964	ug/l	94
87) 1,3-Dichlorobenzene	13.28	146	1640013	109.919	ug/l	96
88) 1,4-Dichlorobenzene	13.37	146	1597785	109.850	ug/l	94
89) n-Butylbenzene	13.62	91	2480629	84.164	ug/l	92
90) Hexachloroethane	13.88	117	610270	75.718	ug/l	82
91) 1,2-Dichlorobenzene	13.66	146	1550093	108.932	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	150056	65.028	ug/l #	59

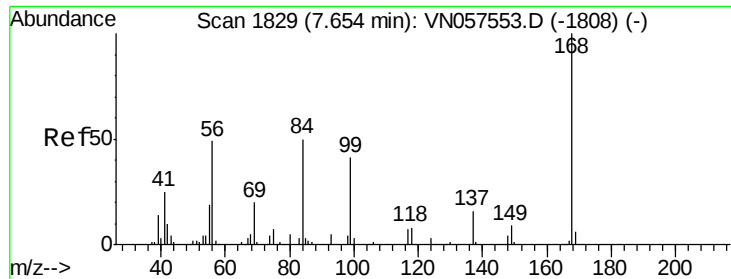
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	666167	127.990	ug/l	98
94) Hexachlorobutadiene	15.01	225	420014	94.658	ug/l	99
95) Naphthalene	15.13	128	1896387	112.410	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	656064	121.660	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

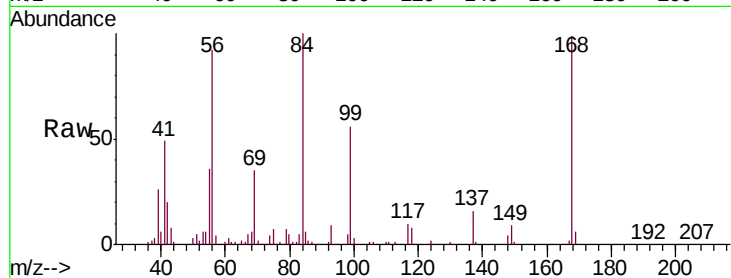
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 532123

Ion Ratio Lower Upper

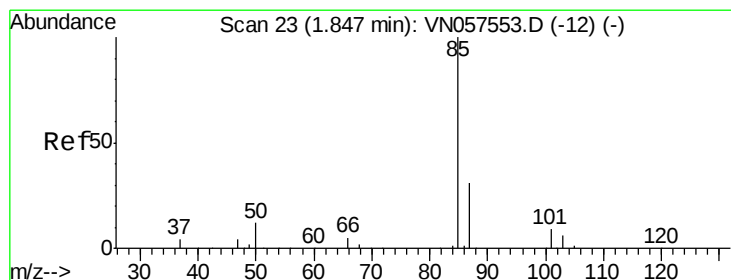
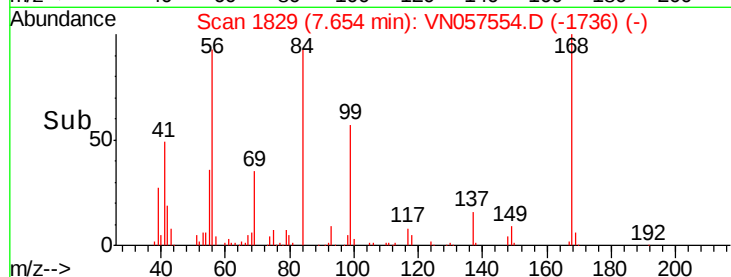
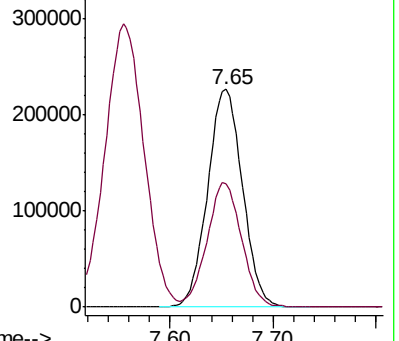
168 100

99 56.6 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 94.214 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN057554.D

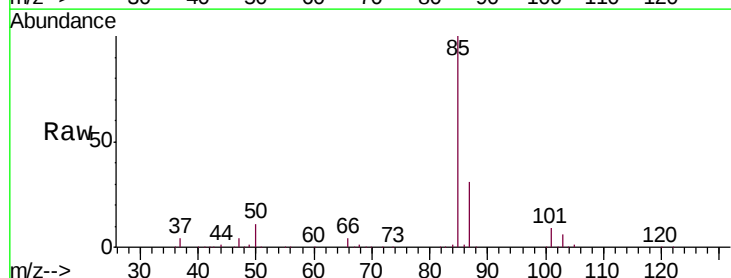
Acq: 29 Aug 2019 17:04

Tgt Ion: 85 Resp: 585285

Ion Ratio Lower Upper

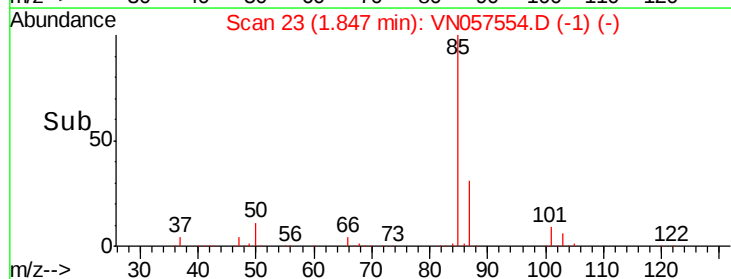
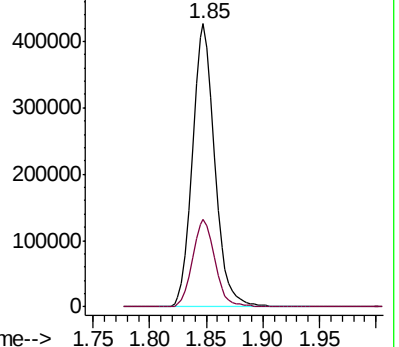
85 100

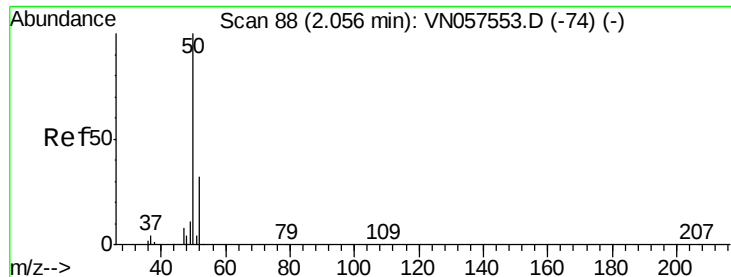
87 31.0 17.1 51.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 60.477 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

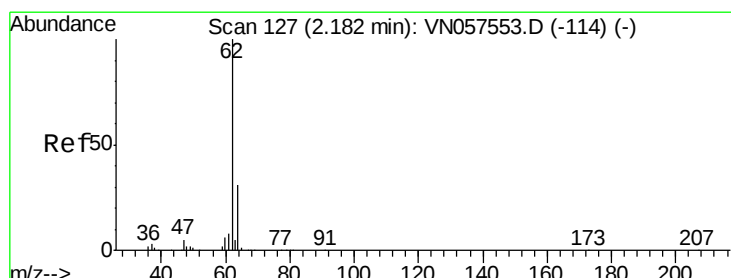
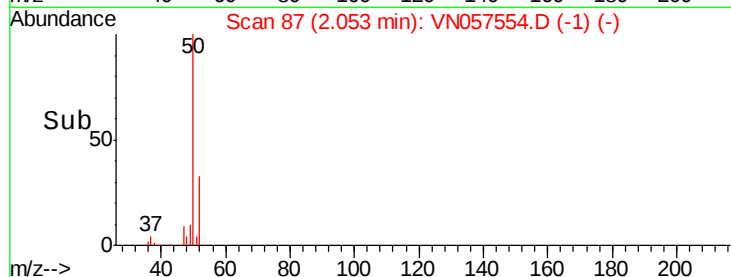
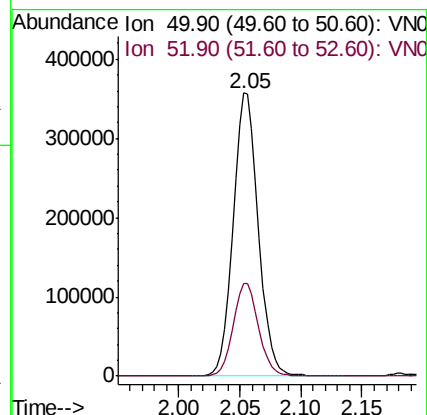
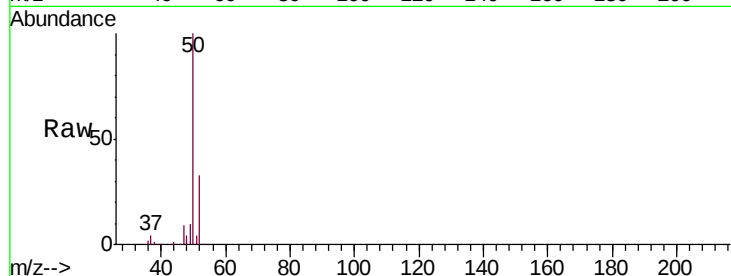
ClientSampleId :

Tot Ion: 50 Resp: 514937

Ion Ratio Lower Upper

50 100

52 32.7 25.1 37.7



#4

Vinyl Chloride

Concen: 73.552 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057554.D

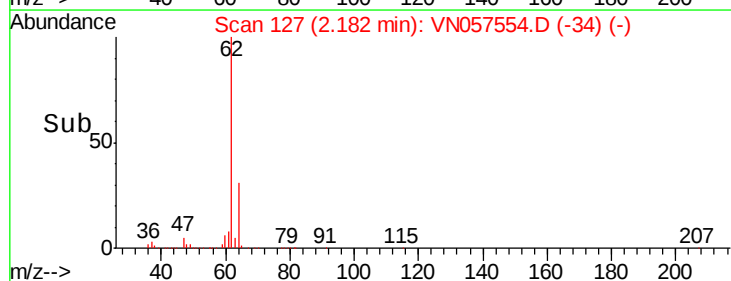
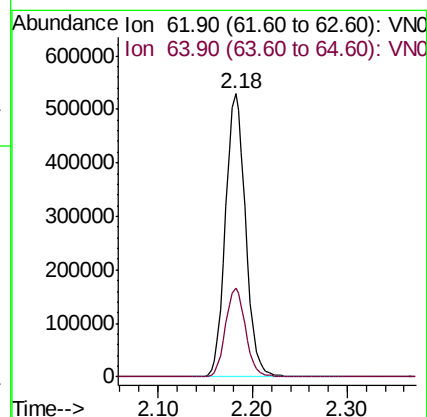
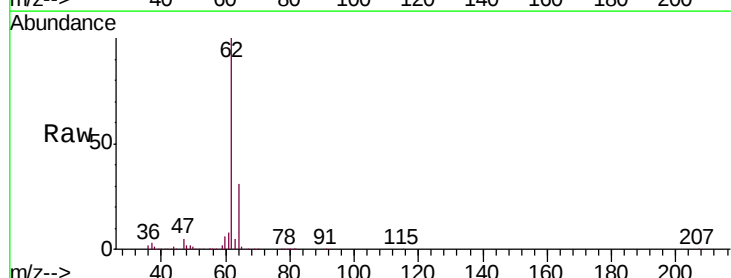
Acq: 29 Aug 2019 17:04

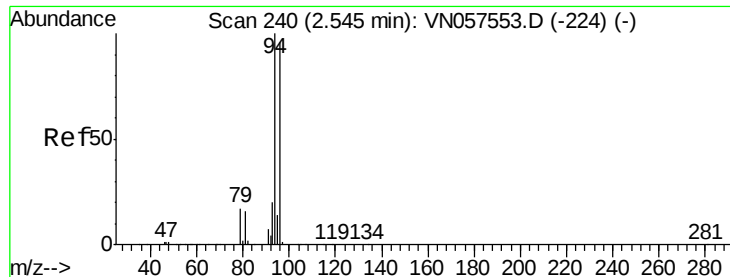
Tgt Ion: 62 Resp: 779163

Ion Ratio Lower Upper

62 100

64 31.2 25.8 38.8

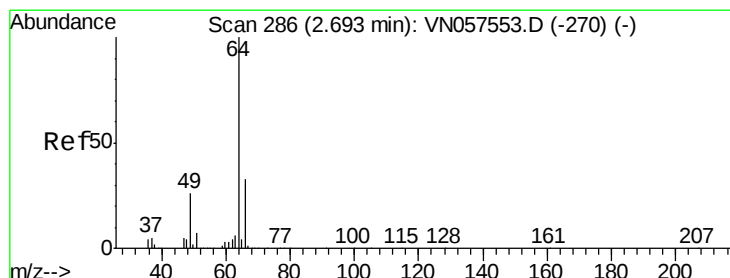
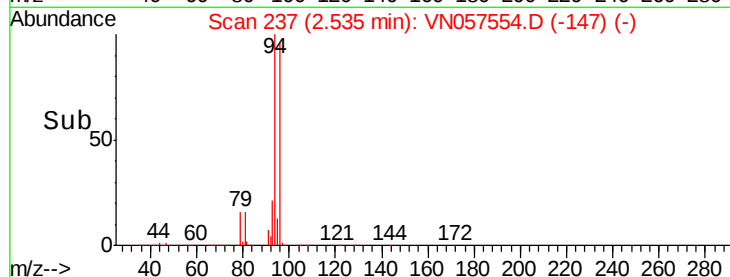
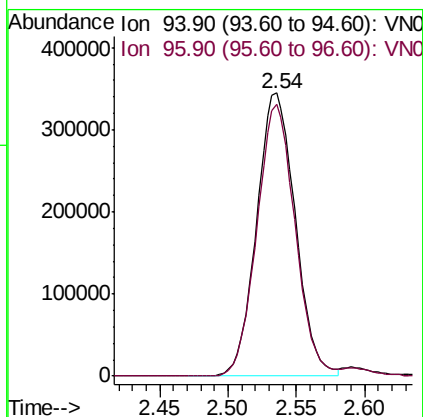
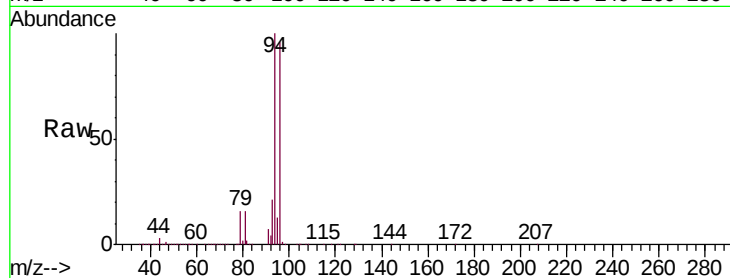




#5
Bromomethane
Concen: 97.271 ug/l
RT: 2.54 min Scan# 237
Delta R.T. -0.01 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

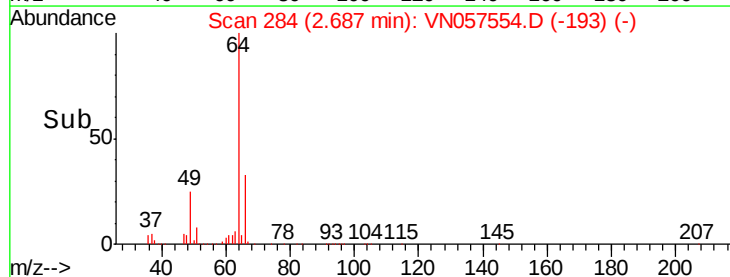
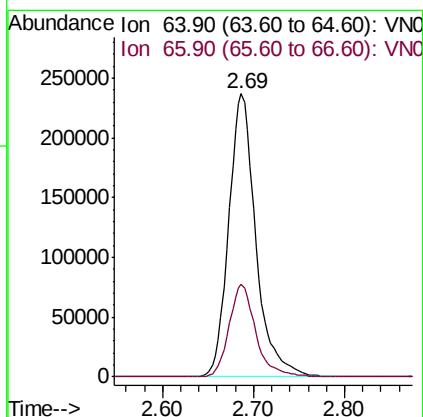
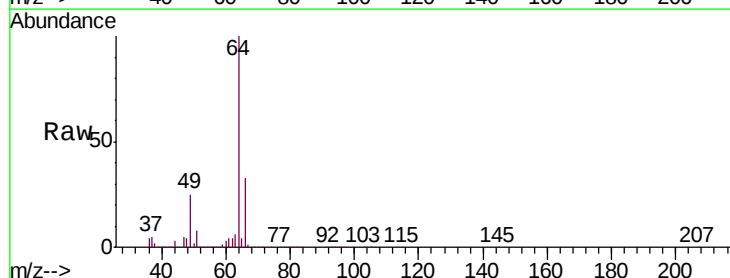
Instrument :
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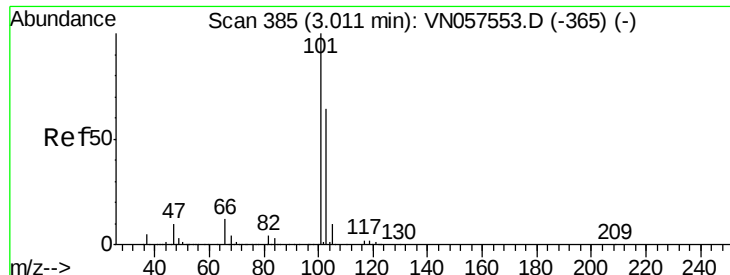
Tot Ion: 94 Resp: 677448
Ion Ratio Lower Upper
94 100
96 96.0 76.2 114.4



#6
Chloroethane
Concen: 71.254 ug/l
RT: 2.69 min Scan# 284
Delta R.T. -0.01 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion: 64 Resp: 489948
Ion Ratio Lower Upper
64 100
66 32.5 26.8 40.2



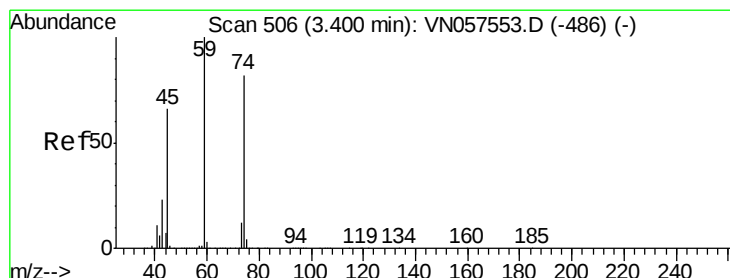
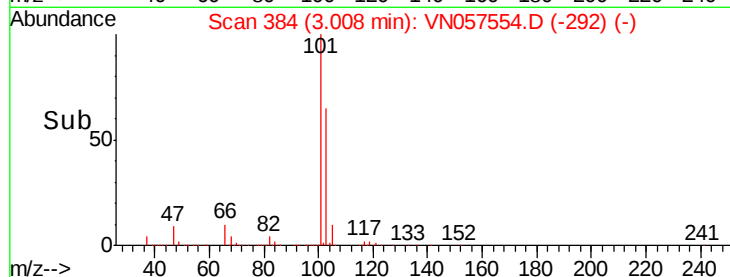
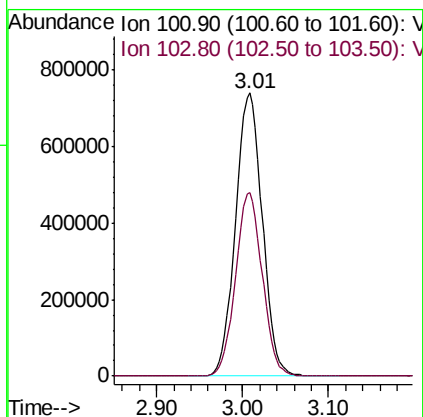
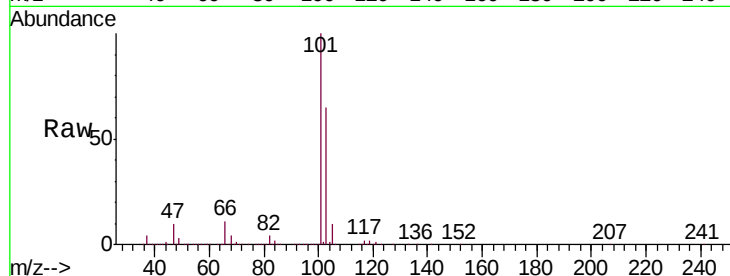


#7

Trichlorofluoromethane
 Concen: 92.581 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Instrument :
 MSVOA_N
 ClientSampleId :

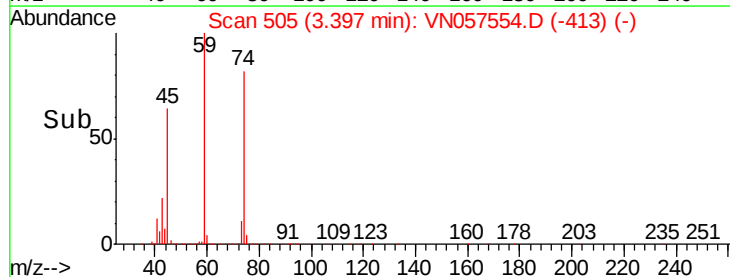
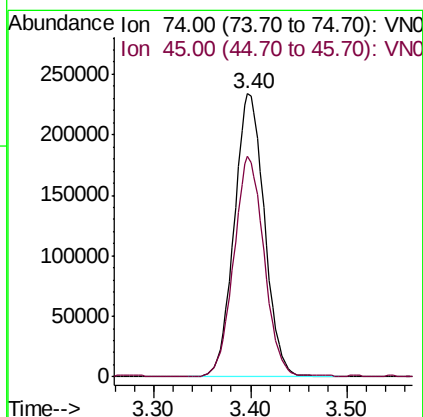
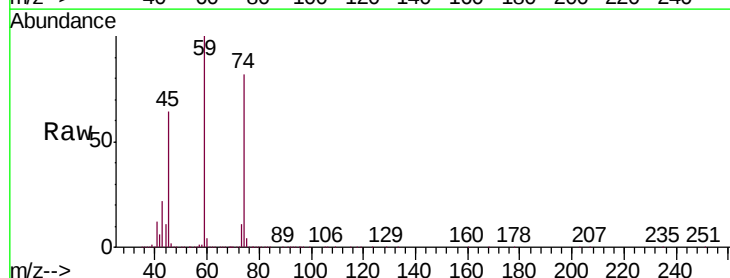
Tot Ion:101 Resp: 1599558
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 78.8

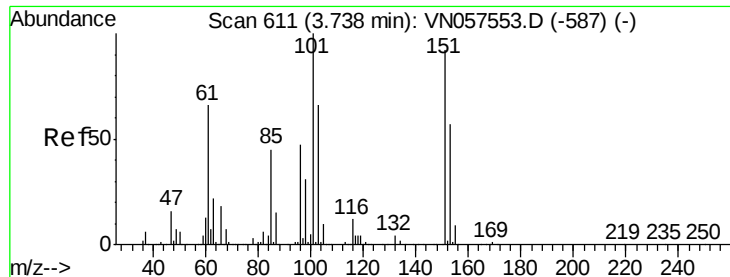


#8

Diethyl Ether
 Concen: 79.714 ug/l
 RT: 3.40 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Tgt Ion: 74 Resp: 507558
 Ion Ratio Lower Upper
 74 100
 45 77.1 57.9 173.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.231 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN057554.D

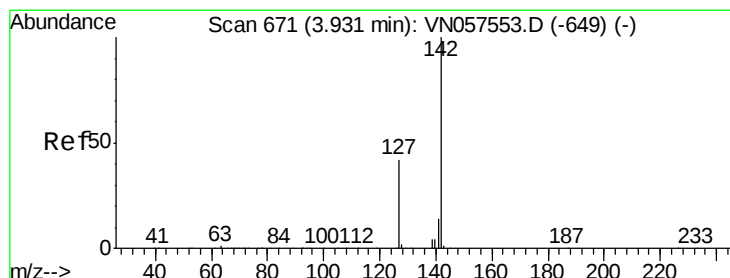
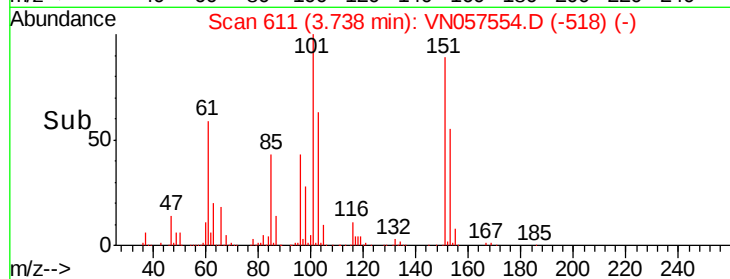
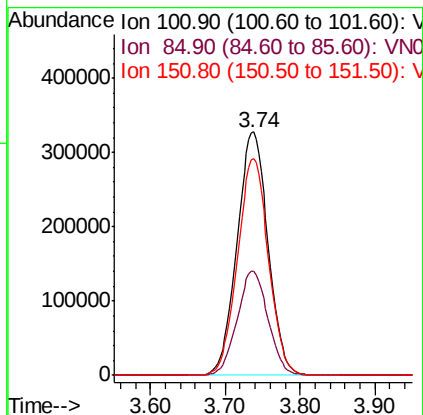
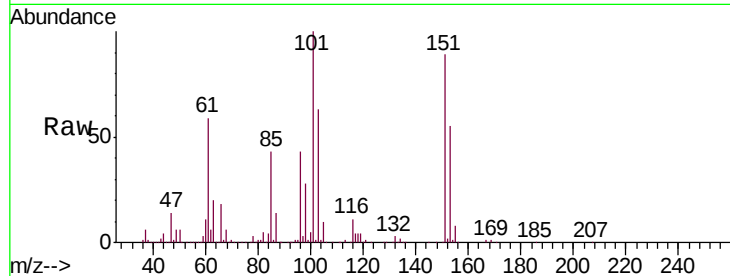
Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	101	Resp:	943675
Ion	Ratio	Lower	Upper
101	100		
85	42.7	40.0	60.0
151	88.7	57.0	85.6#



#10

Methyl Iodide

Concen: 177.967 ug/l

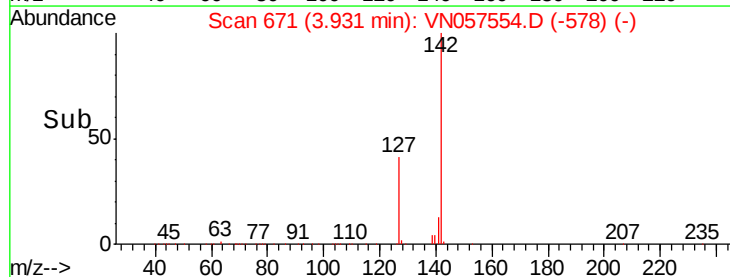
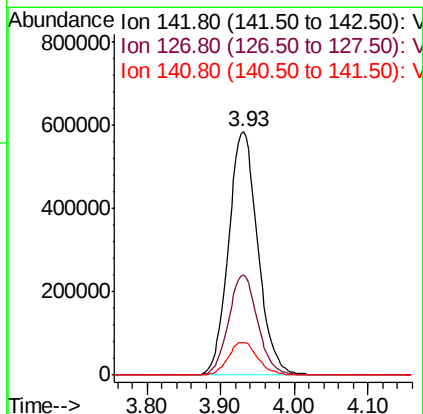
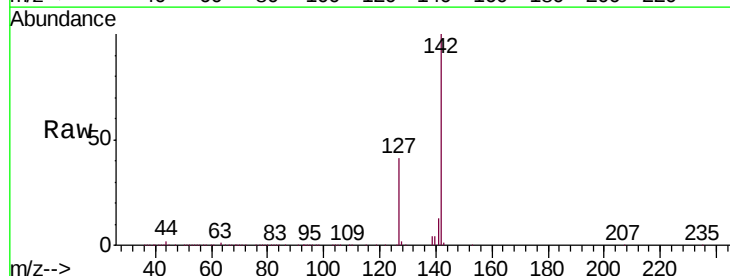
RT: 3.93 min Scan# 671

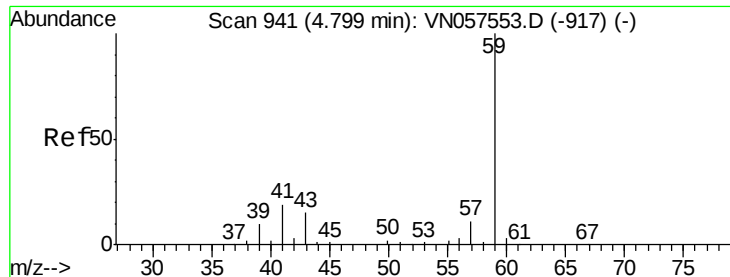
Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Tgt Ion:	142	Resp:	1613432
Ion	Ratio	Lower	Upper
142	100		
127	41.1	37.8	56.8
141	13.7	11.9	17.9

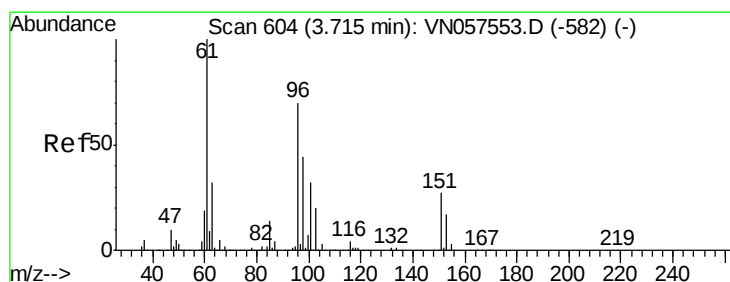
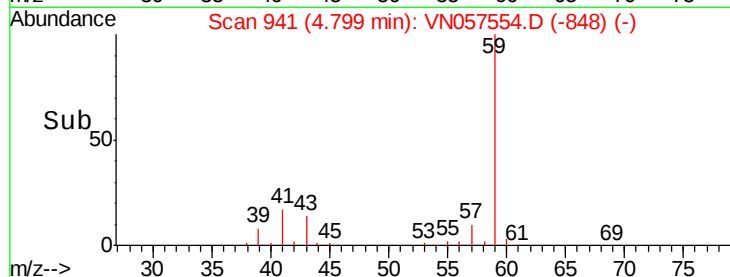
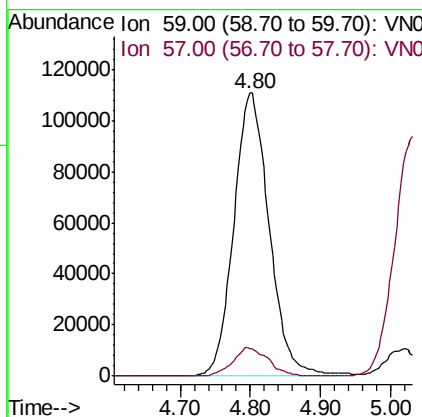
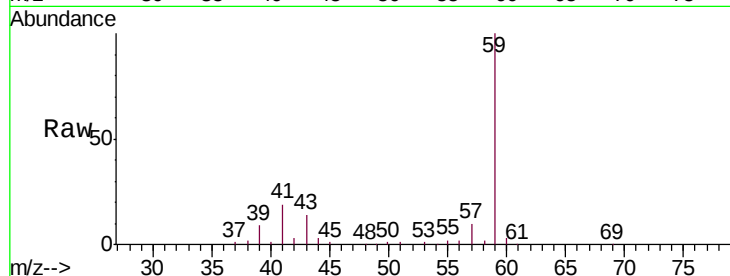




#11
Tert butyl alcohol
Concen: 349.531 ug/l
RT: 4.80 min Scan# 941
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

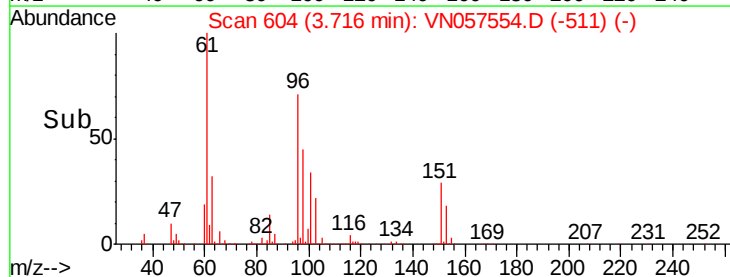
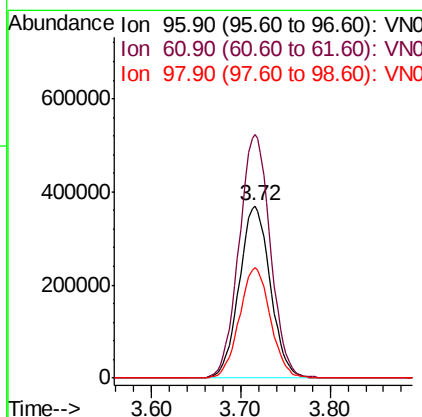
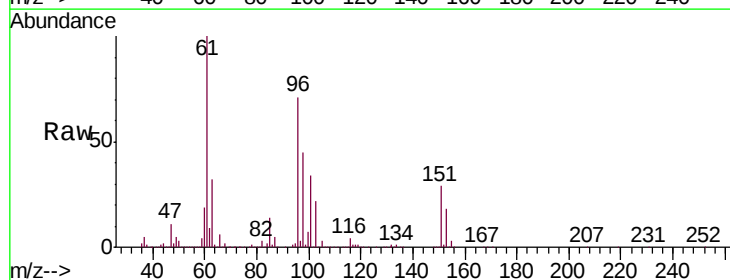
Instrument :
MSVOA_N
ClientSampled :

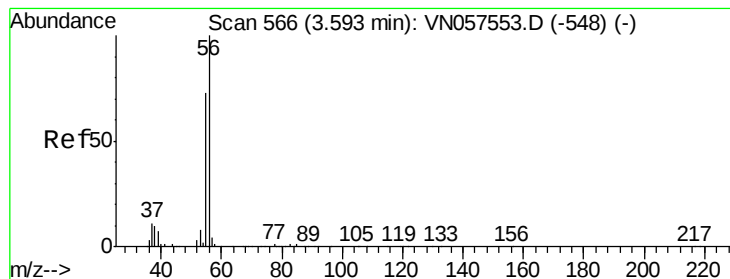
Tot Ion: 59 Resp: 387175
Ion Ratio Lower Upper
59 100
57 10.1 9.1 13.7



#12
1,1-Dichloroethene
Concen: 96.054 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion: 96 Resp: 896364
Ion Ratio Lower Upper
96 100
61 141.7 155.3 232.9#
98 64.2 50.2 75.2





#13

Acrolein

Concen: 311.778 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

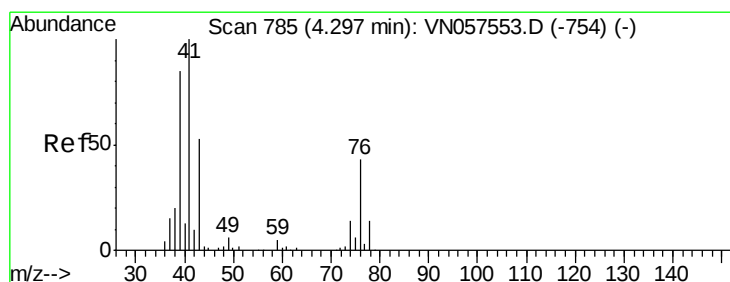
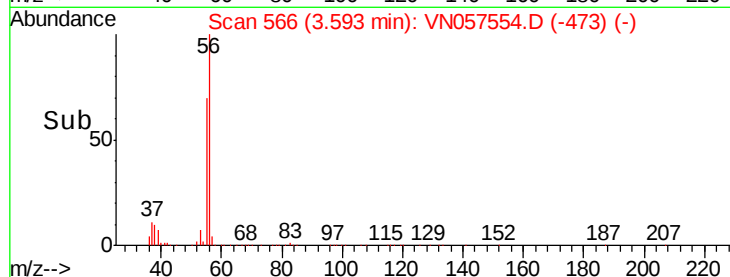
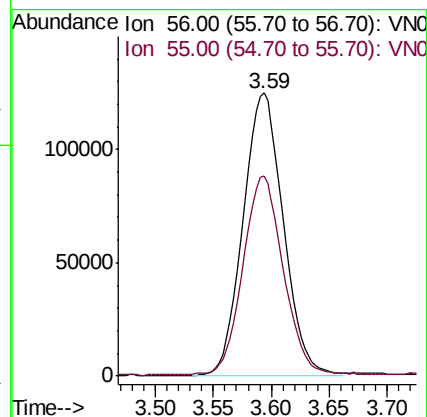
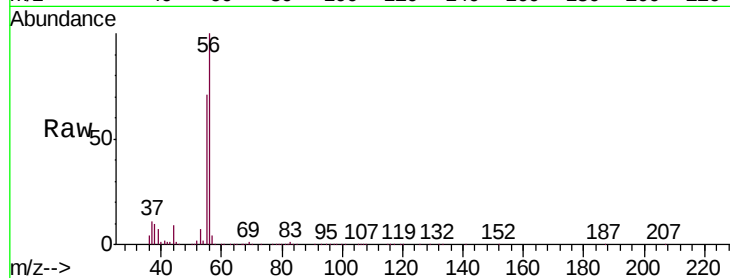
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 299680

Ion Ratio Lower Upper

56 100

55 70.6 59.0 88.4



#14

Allyl chloride

Concen: 55.704 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

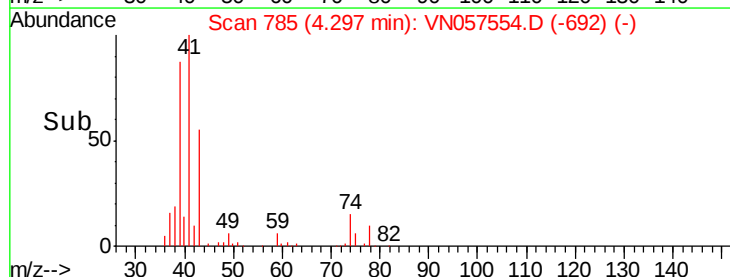
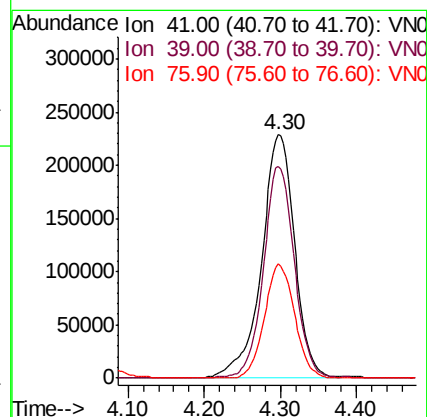
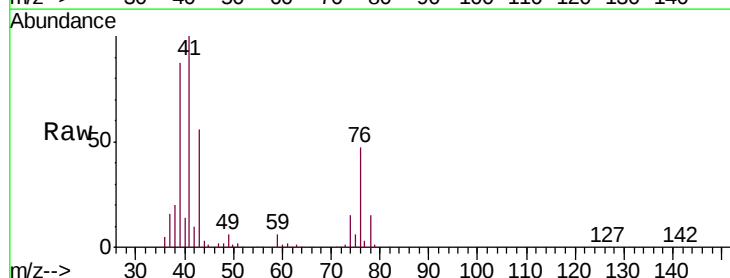
Tgt Ion: 41 Resp: 688013

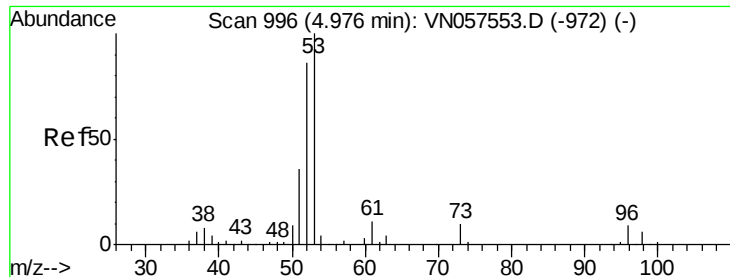
Ion Ratio Lower Upper

41 100

39 81.0 57.4 86.2

76 42.4 22.9 34.3#





#15

Acrylonitrile

Concen: 339.077 ug/l

RT: 4.97 min Scan# 995

Delta R.T. -0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

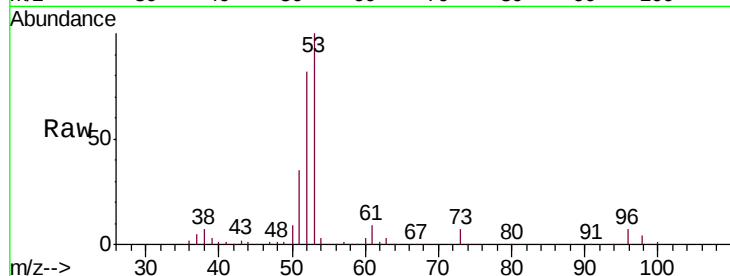
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 53 Resp: 1012896

Ion	Ratio	Lower	Upper
53	100		
52	81.9	67.0	100.6
51	36.6	29.9	44.9

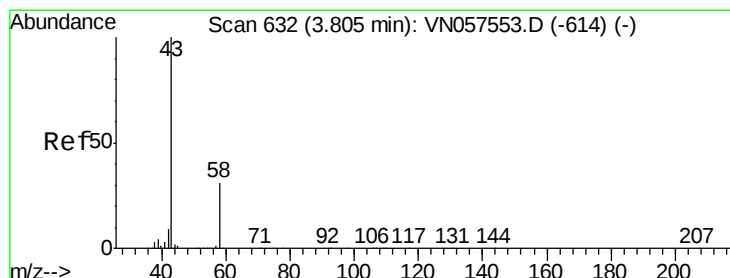
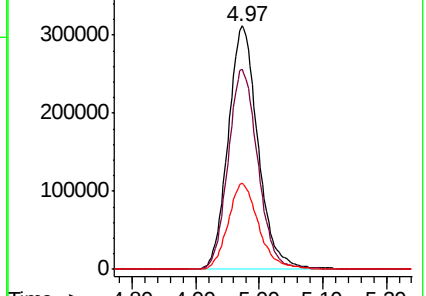
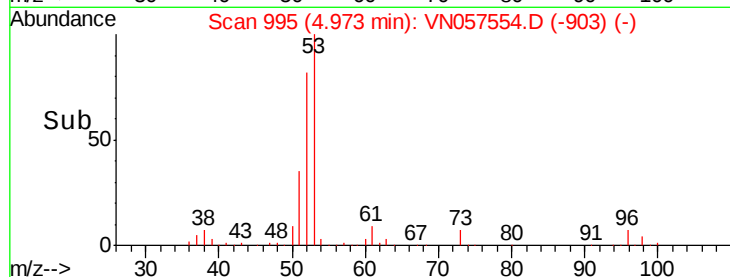


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 331.216 ug/l

RT: 3.81 min Scan# 632

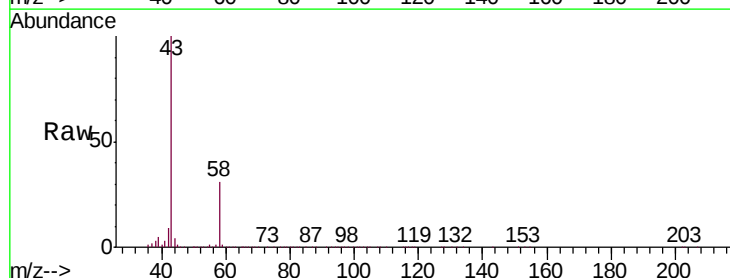
Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Tgt Ion: 43 Resp: 1466942

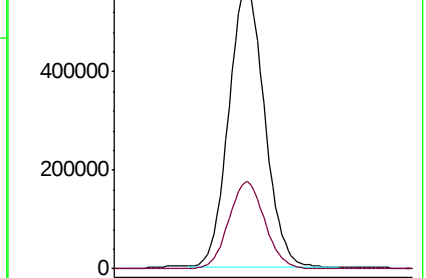
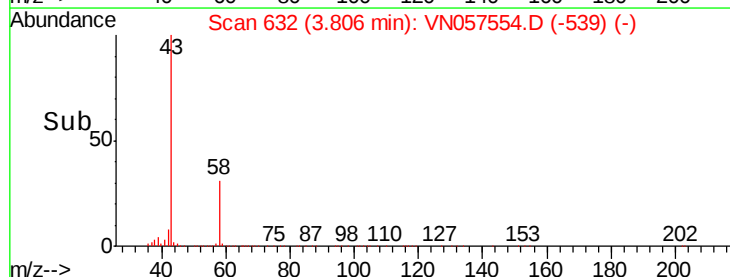
Ion	Ratio	Lower	Upper
43	100		
58	30.7	22.1	33.1

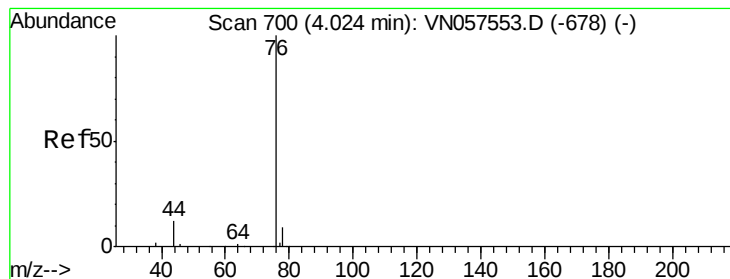


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 76.052 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

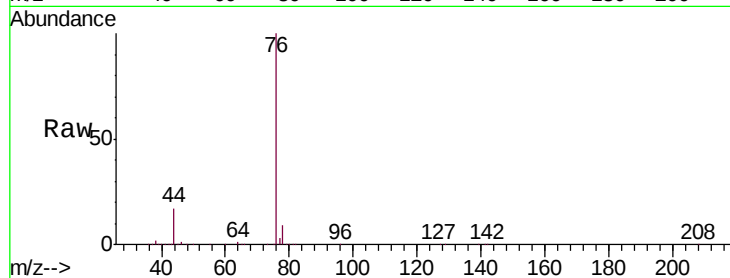
ClientSampled :

Tot Ion: 76 Resp: 1282163

Ion Ratio Lower Upper

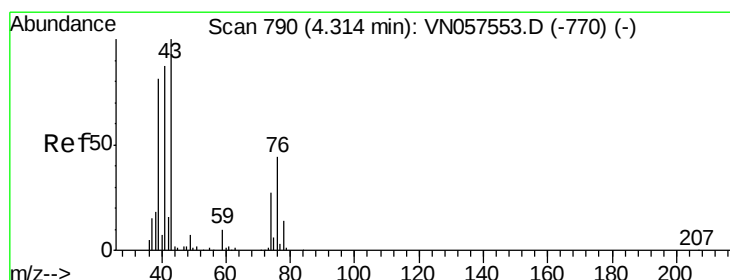
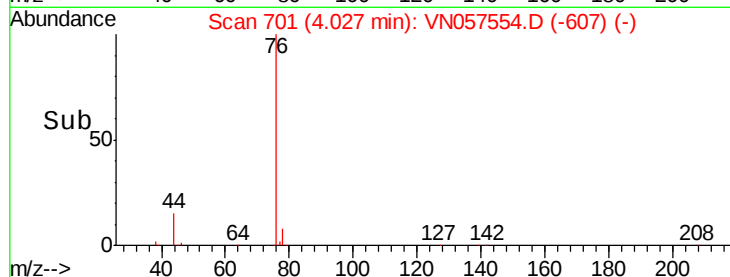
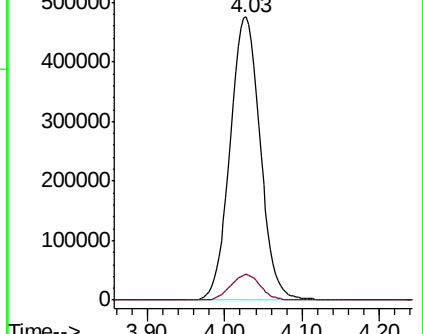
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 44.469 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN057554.D

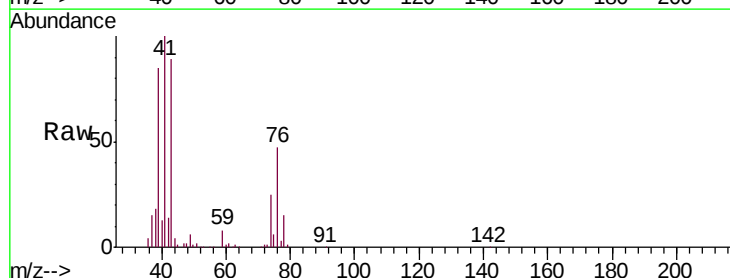
Acq: 29 Aug 2019 17:04

Tgt Ion: 43 Resp: 465614

Ion Ratio Lower Upper

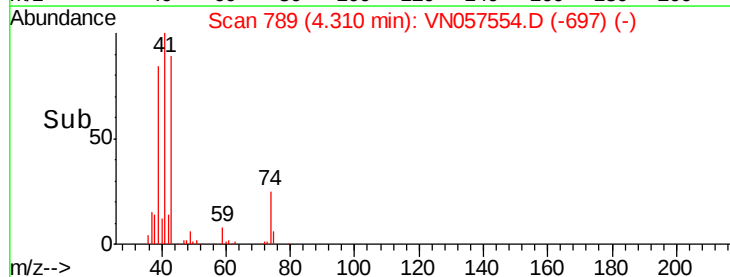
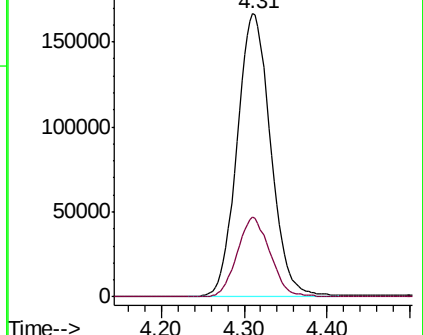
43 100

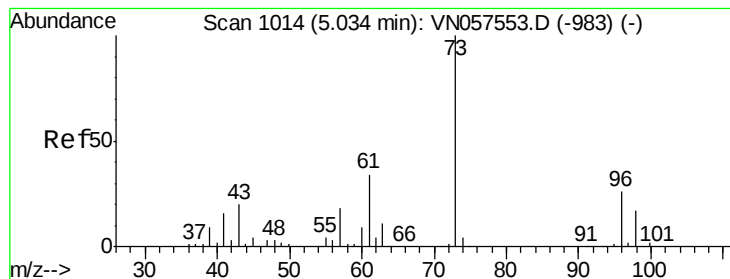
74 27.7 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC



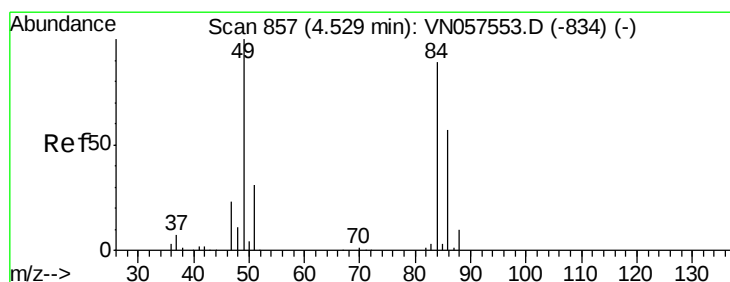
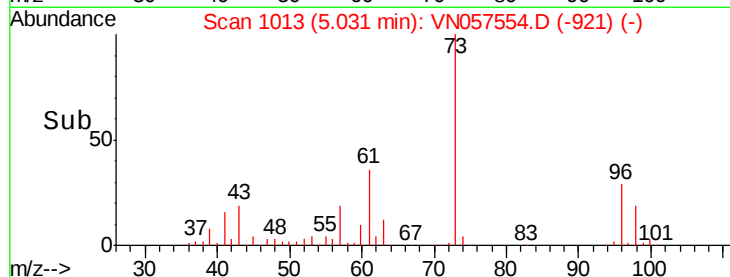
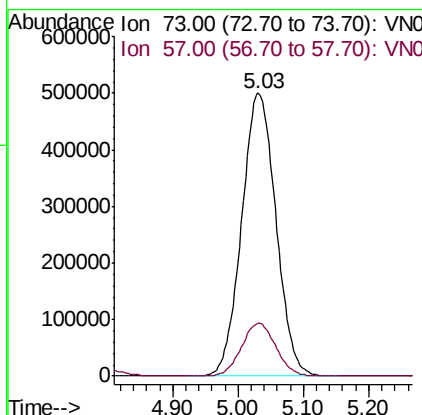
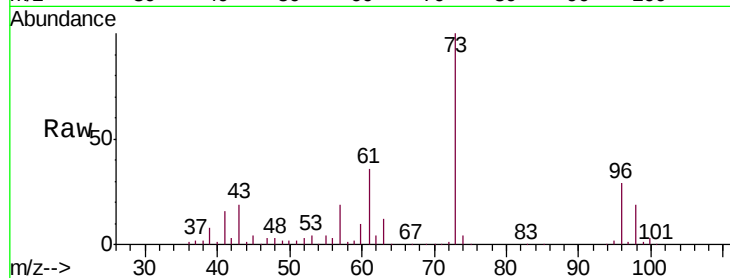


#19

Methyl tert-butyl Ether
 Concen: 84.048 ug/l
 RT: 5.03 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Instrument :
 MSVOA_N
 ClientSampleId :

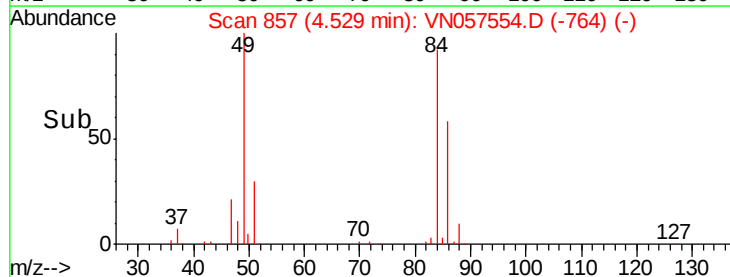
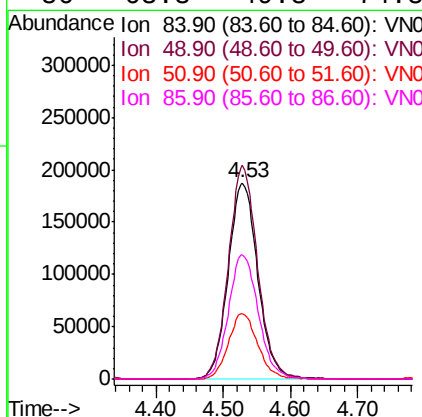
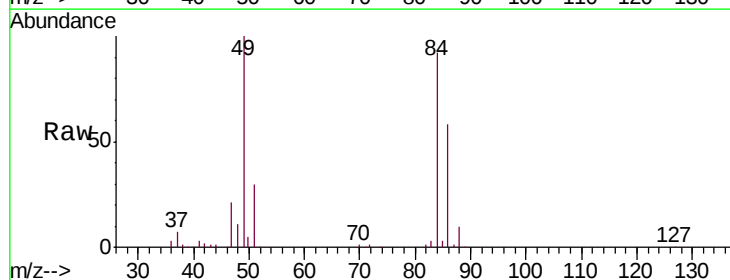
Tot Ion: 73 Resp: 1822527
 Ion Ratio Lower Upper
 73 100
 57 18.7 19.1 28.7#

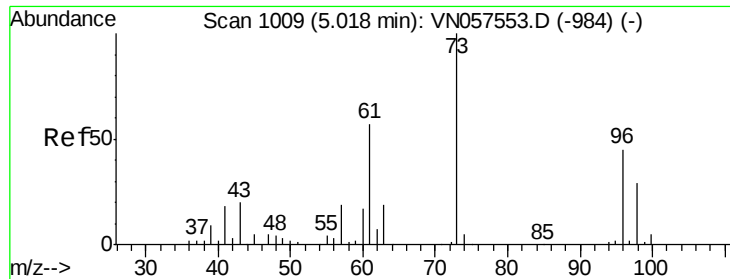


#20

Methylene Chloride
 Concen: 82.380 ug/l
 RT: 4.53 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Tgt Ion: 84 Resp: 574238
 Ion Ratio Lower Upper
 84 100
 49 109.1 117.0 175.4#
 51 33.1 35.5 53.3#
 86 63.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 94.035 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :
MSVOA_N
ClientSampled :

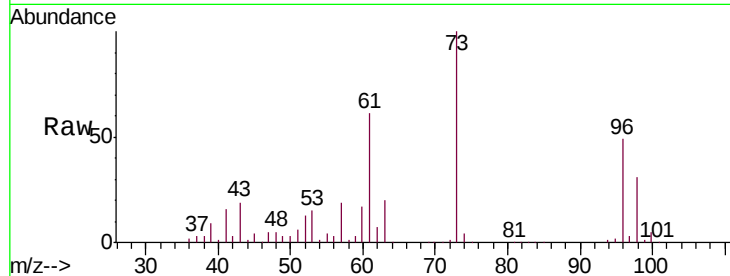
Tot Ion: 96 Resp: 605841

Ion Ratio Lower Upper

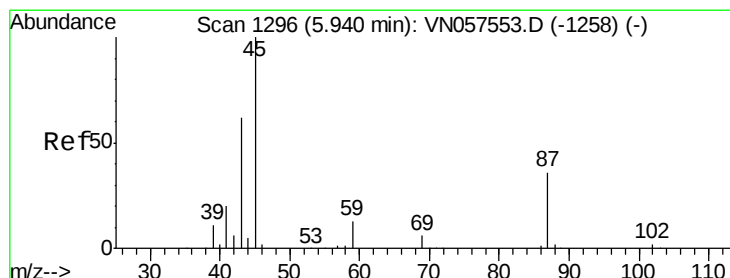
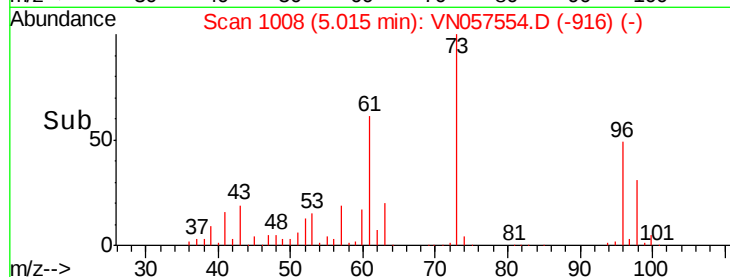
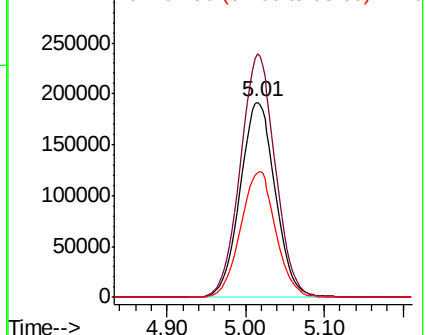
96 100

61 124.8 127.9 191.9#

98 63.9 50.6 76.0



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



#22

Diisopropyl ether

Concen: 63.953 ug/l

RT: 5.94 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Tgt Ion: 45 Resp: 1558332

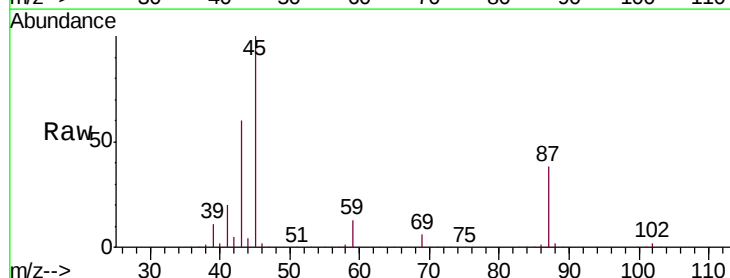
Ion Ratio Lower Upper

45 100

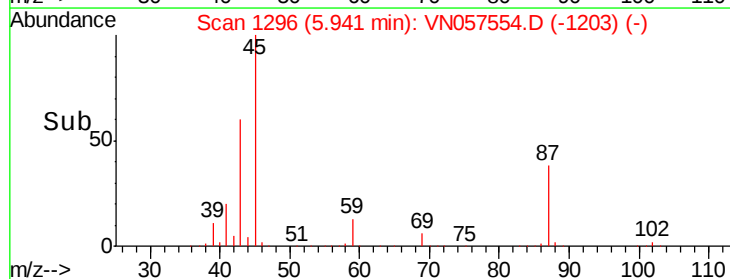
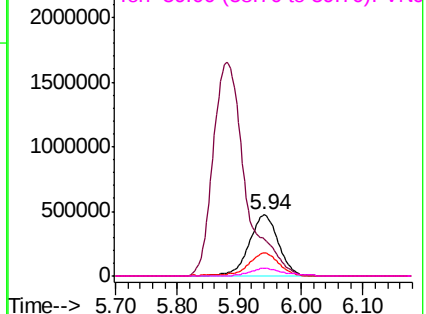
43 59.8 46.9 70.3

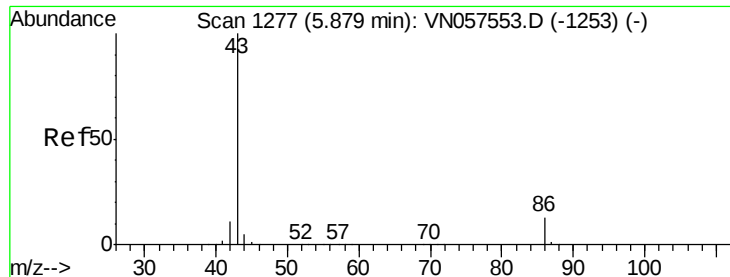
87 38.1 19.3 28.9#

59 13.0 8.7 13.1



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

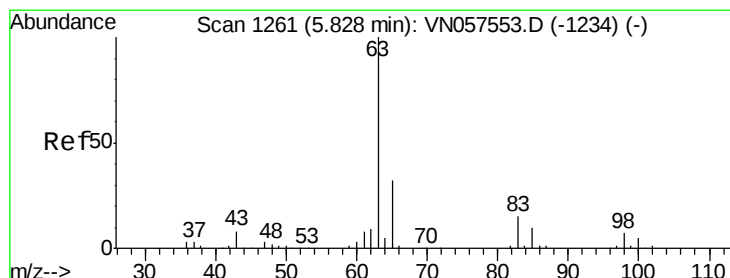
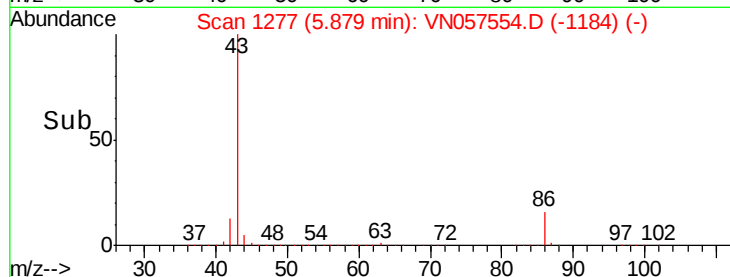
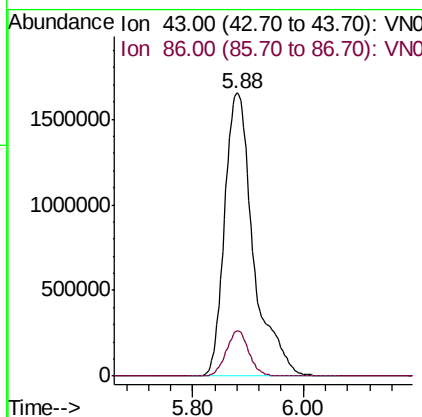
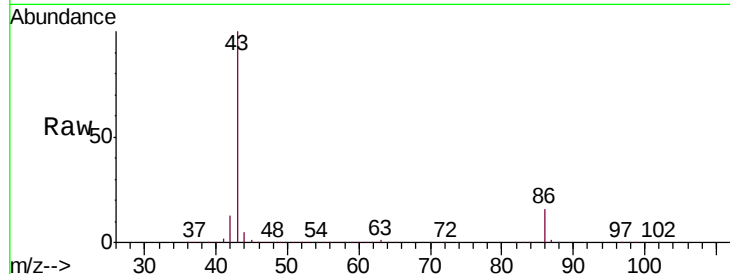




#23
 Vinyl Acetate
 Concen: 312.072 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

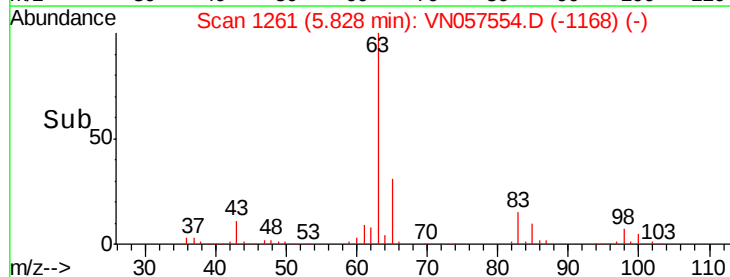
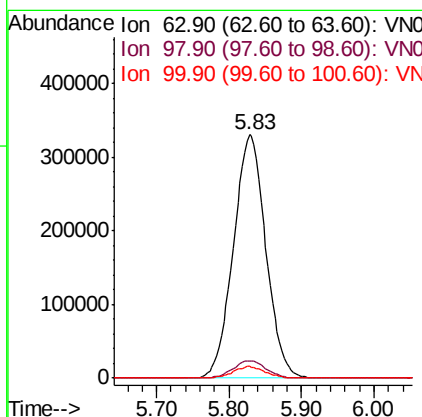
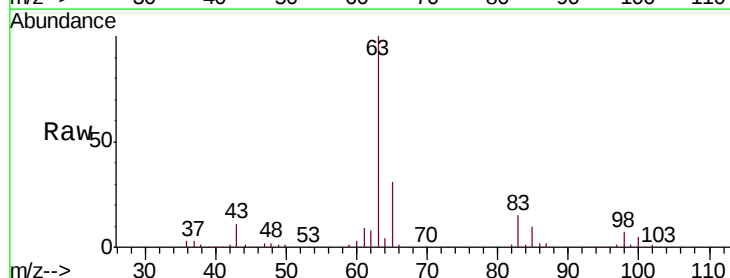
Instrument :
 MSVOA_N
 ClientSampleId :

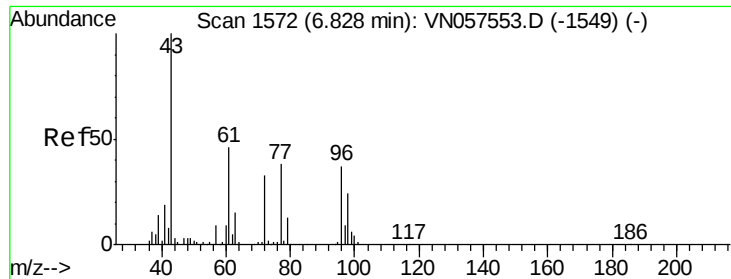
Tot Ion: 43 Resp: 5969936
 Ion Ratio Lower Upper
 43 100
 86 15.8 6.7 10.1#



#24
 1,1-Dichloroethane
 Concen: 77.277 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Tgt Ion: 63 Resp: 1026740
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.9 8.6
 100 4.7 2.1 6.3

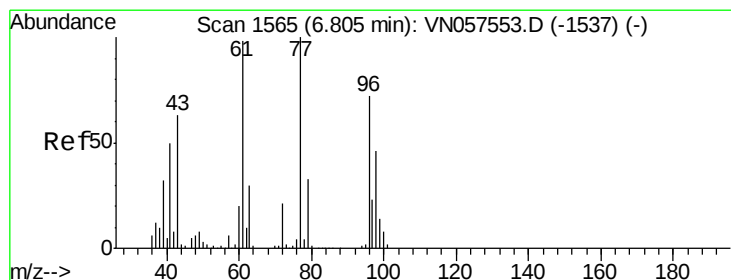
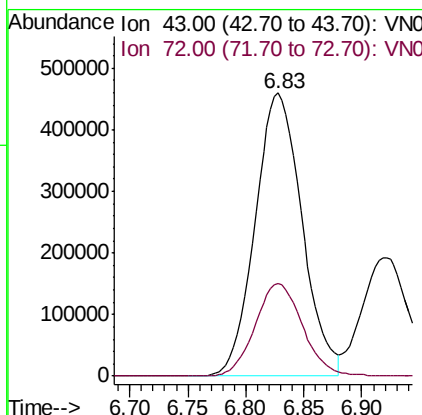
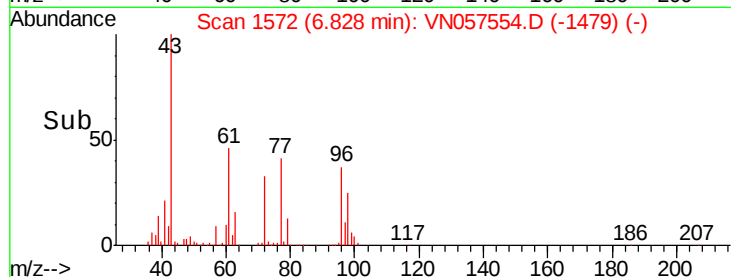
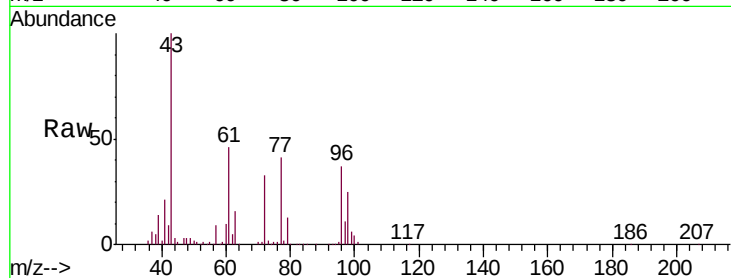




#25
2-Butanone
Concen: 292.388 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

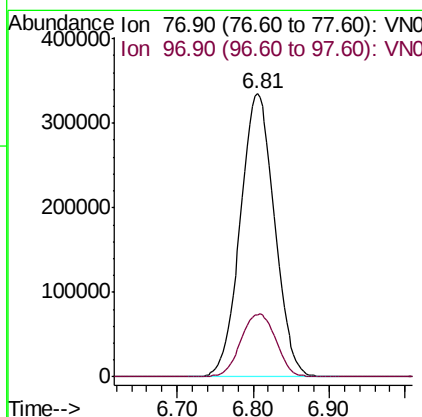
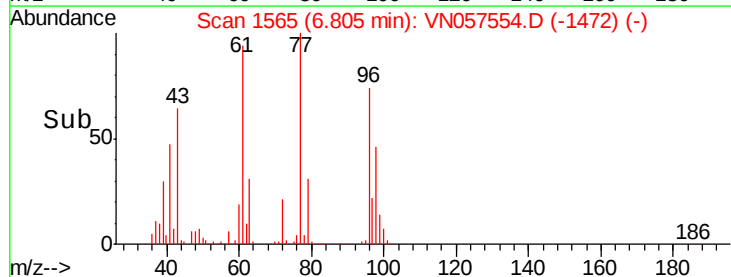
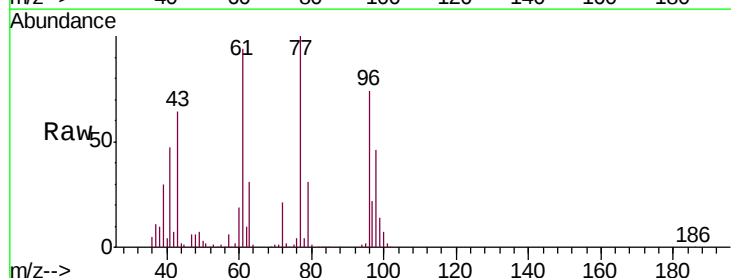
Instrument :
MSVOA_N
ClientSampled :

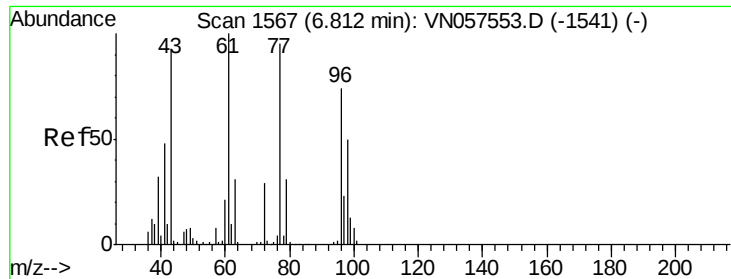
Tot Ion: 43 Resp: 1288444
Ion Ratio Lower Upper
43 100
72 32.7 17.8 26.8#



#26
2,2-Dichloropropane
Concen: 88.555 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion: 77 Resp: 1048808
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 95.553 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :
MSVOA_N
ClientSampleId :

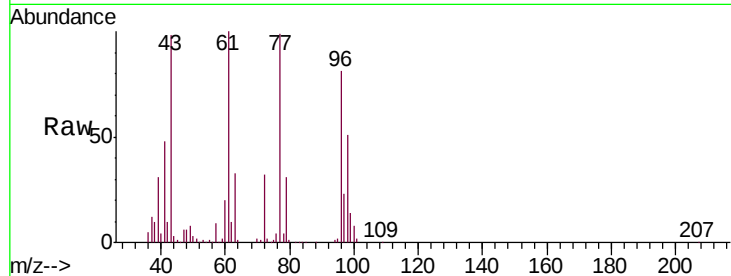
Tot Ion: 96 Resp: 732954

Ion Ratio Lower Upper

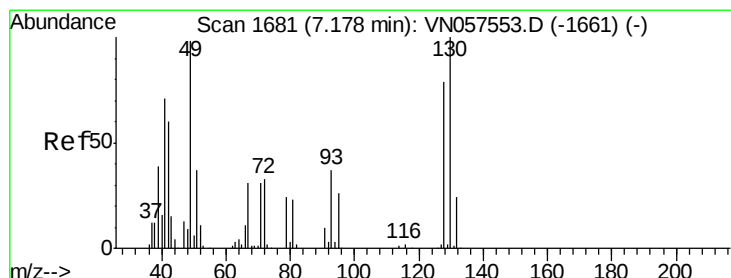
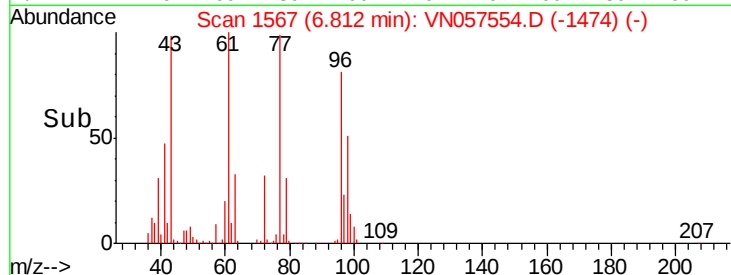
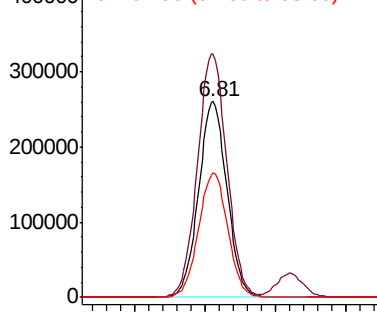
96 100

61 128.6 0.0 334.8

98 65.3 0.0 127.4



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: 64.530 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

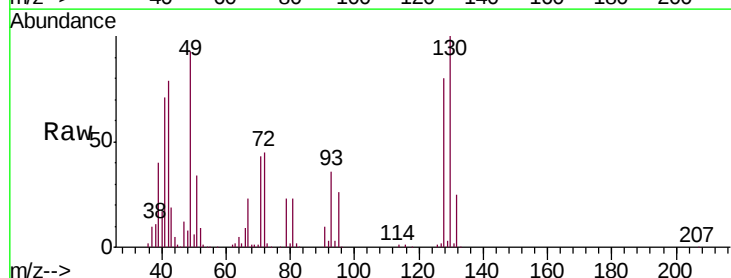
Tgt Ion: 49 Resp: 442413

Ion Ratio Lower Upper

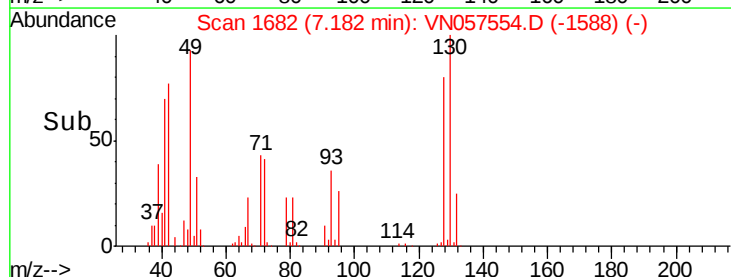
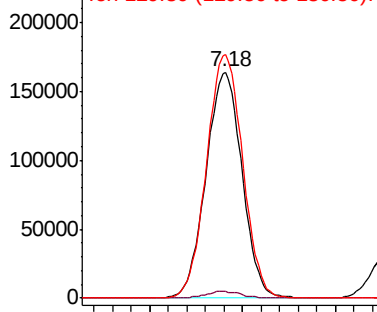
49 100

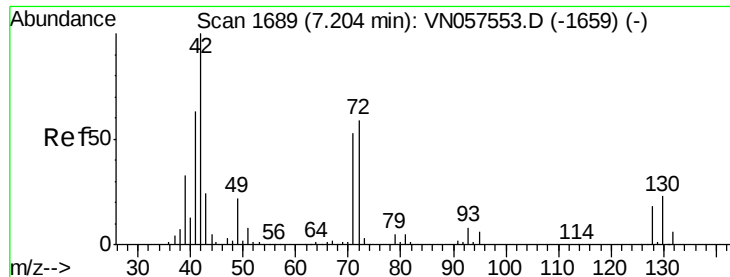
129 2.9 0.0 3.6

130 108.2 48.6 72.8#



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

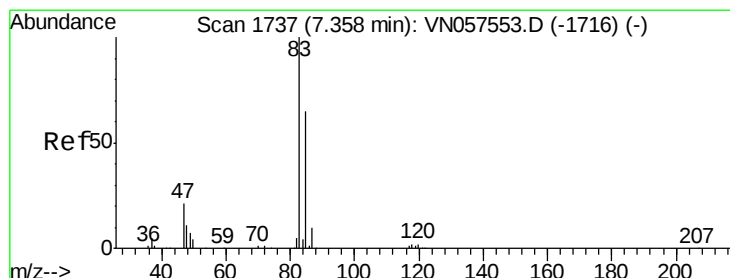
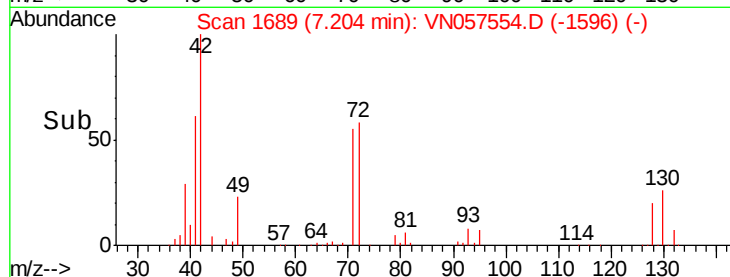
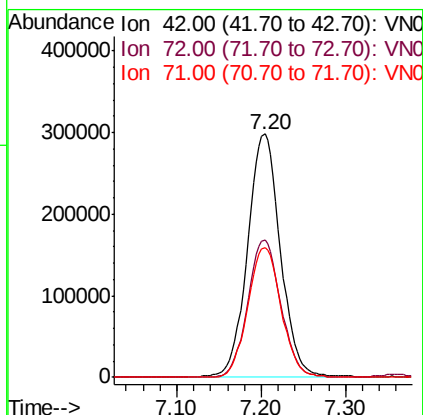
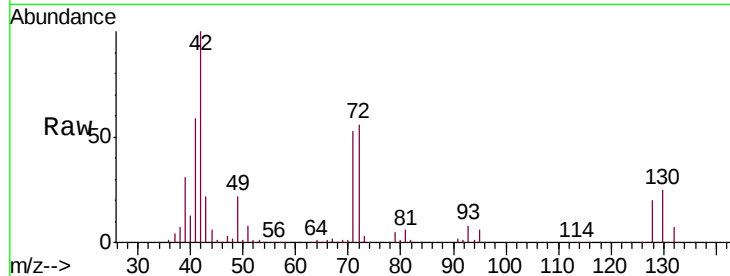




#29
Tetrahydrofuran
Concen: 279.044 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

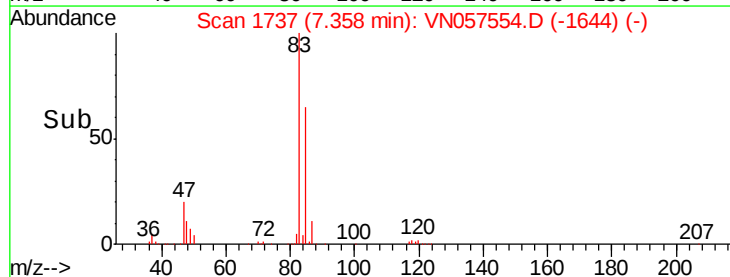
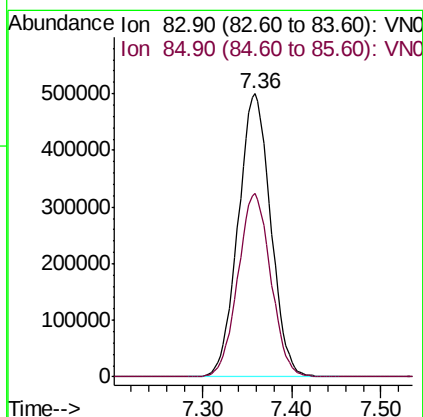
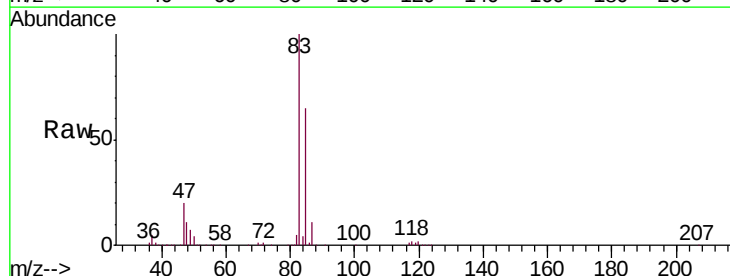
Instrument :
MSVOA_N
ClientSampleId :

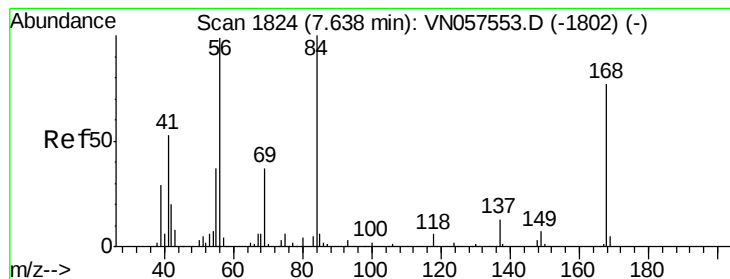
Tot Ion: 42 Resp: 802887
Ion Ratio Lower Upper
42 100
72 57.1 30.1 45.1#
71 54.5 28.8 43.2#



#30
Chloroform
Concen: 88.863 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion: 83 Resp: 1265505
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9





#31

Cyclohexane

Concen: 70.590 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :
MSVOA_N
ClientSampled :

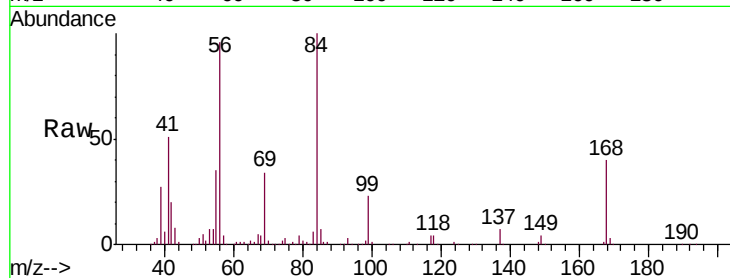
Tot Ion: 56 Resp: 886426

Ion Ratio Lower Upper

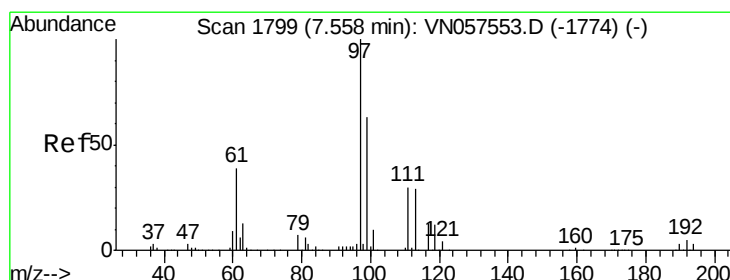
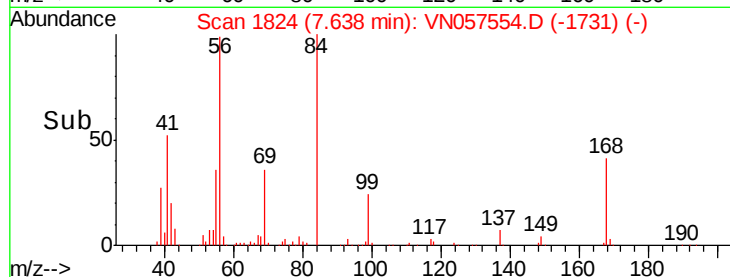
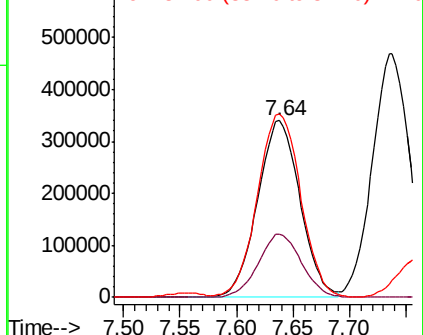
56 100

69 35.9 25.0 37.6

84 102.3 62.5 93.7#



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



#32

1,1,1-Trichloroethane

Concen: 101.106 ug/l

RT: 7.56 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

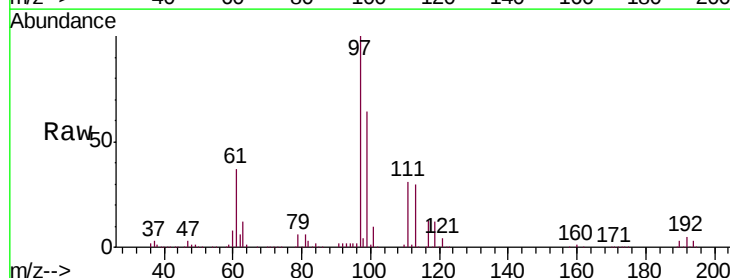
Tgt Ion: 97 Resp: 1204695

Ion Ratio Lower Upper

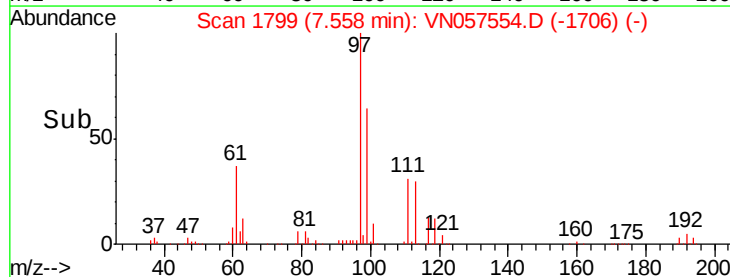
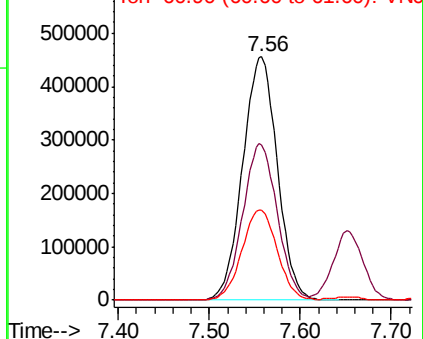
97 100

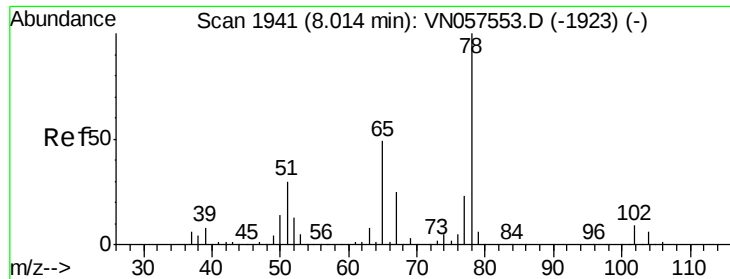
99 64.2 51.0 76.6

61 37.8 39.8 59.6#



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





#33

1,2-Dichloroethane-d4

Concen: 86.025 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

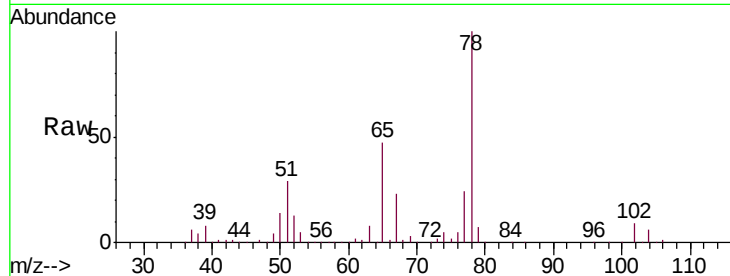
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 788697

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057553.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057553.D (-1923) (-)

8.01

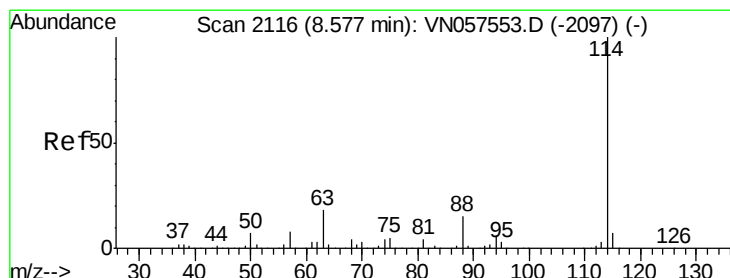
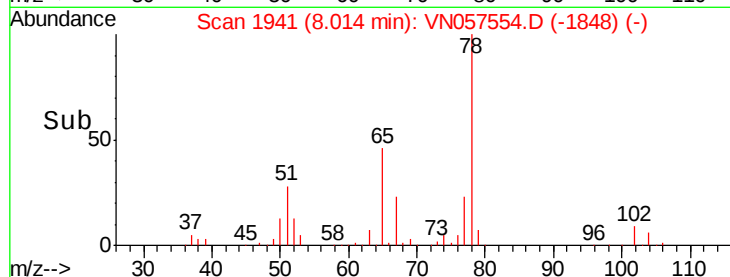
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

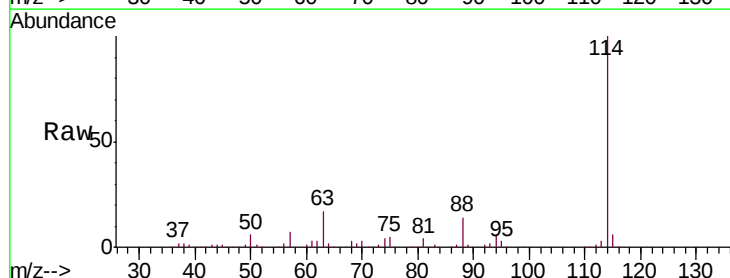
Tgt Ion:114 Resp: 838790

Ion Ratio Lower Upper

114 100

63 17.1 0.0 50.2

88 14.1 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057553.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057553.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057553.D (-2097) (-)

8.58

500000

400000

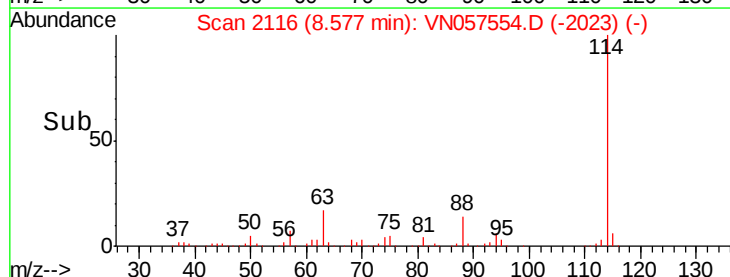
300000

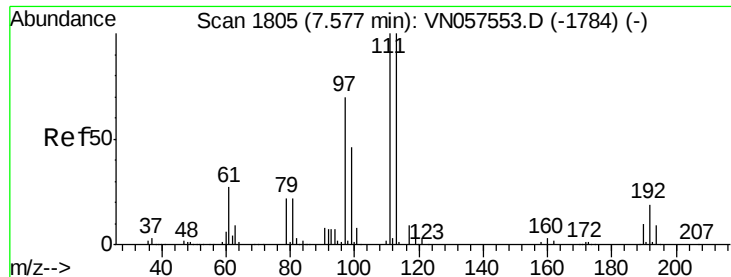
200000

100000

0

Time-->

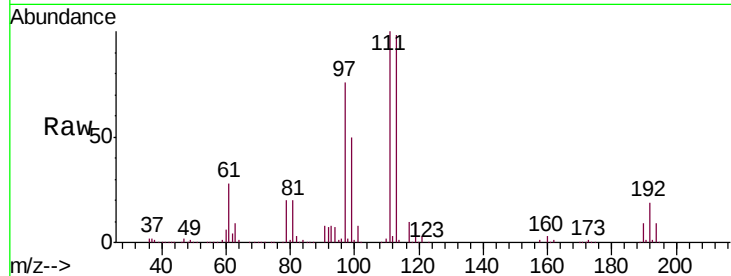




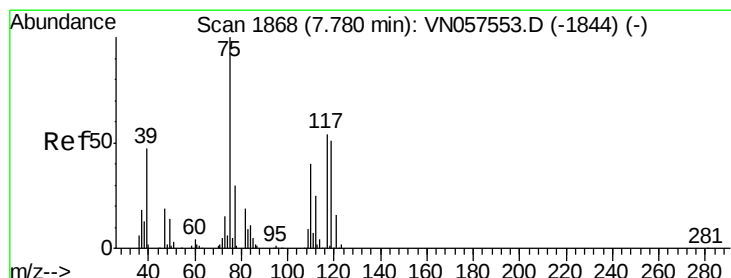
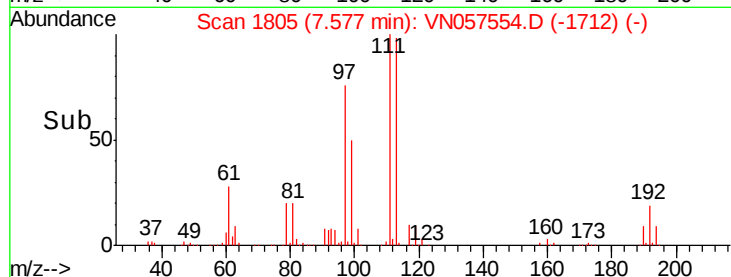
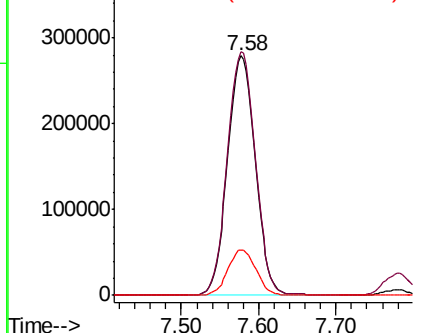
#35
 Dibromofluoromethane
 Concen: 115.333 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.8	125.6
192	19.1	13.5	20.3

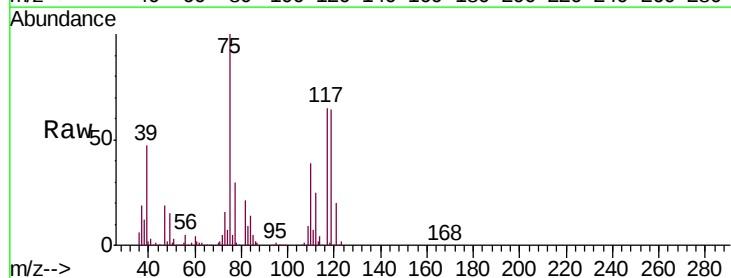


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

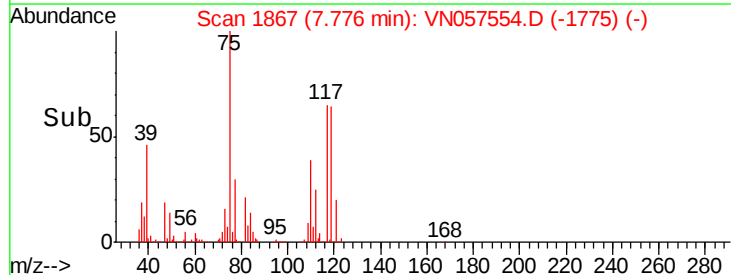
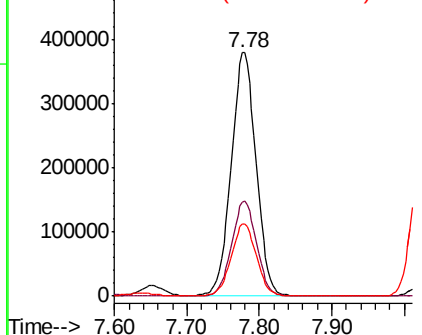


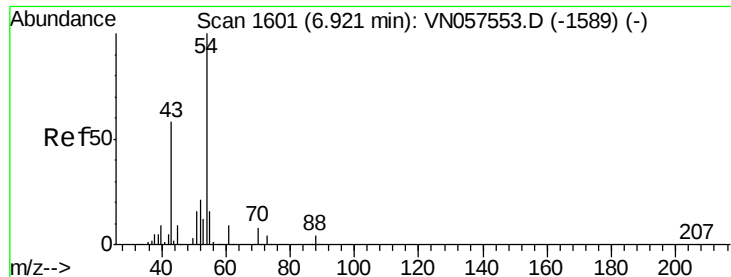
#36
 1,1-Dichloropropene
 Concen: 102.842 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.3	16.1	48.3
77	30.2	24.8	37.2



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

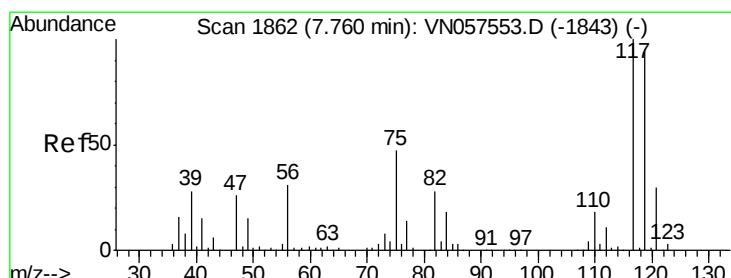
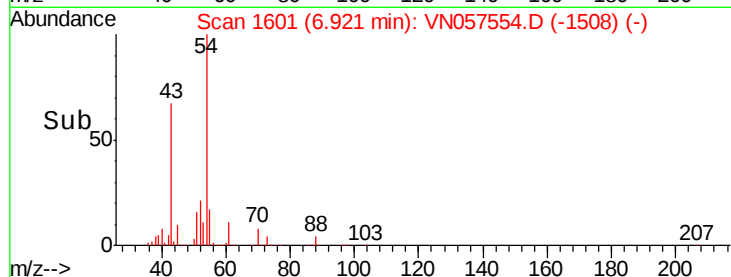
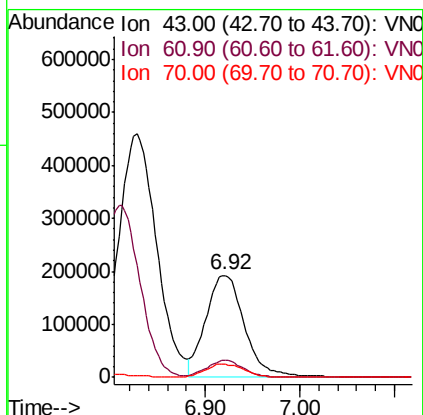
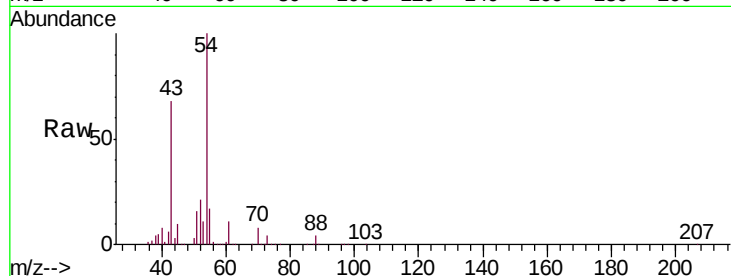




#37
Ethyl Acetate
Concen: 66.857 ug/l
RT: 6.92 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

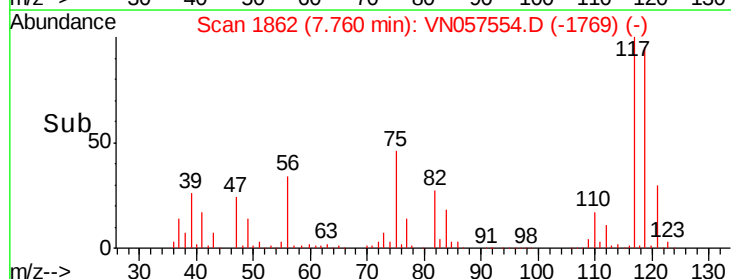
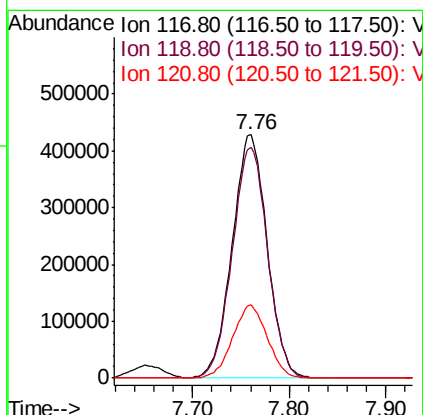
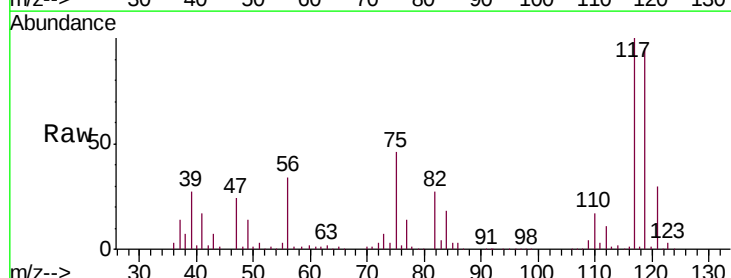
Instrument :
MSVOA_N
ClientSampleId :

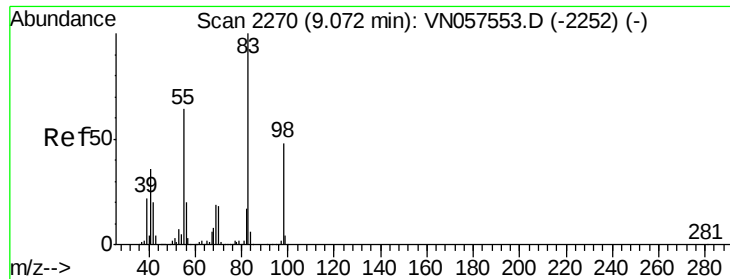
Tot Ion: 43 Resp: 543116
Ion Ratio Lower Upper
43 100
61 15.7 9.9 14.9#
70 12.7 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 119.153 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion: 117 Resp: 1073155
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.4
121 29.9 23.8 35.6

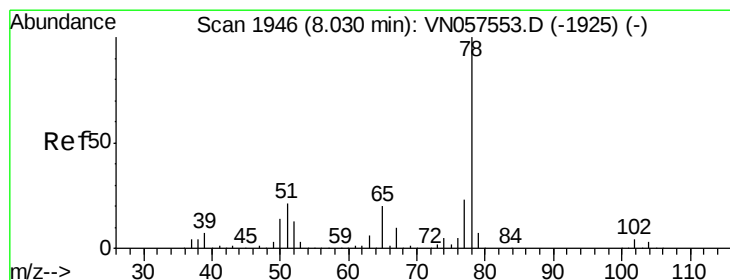
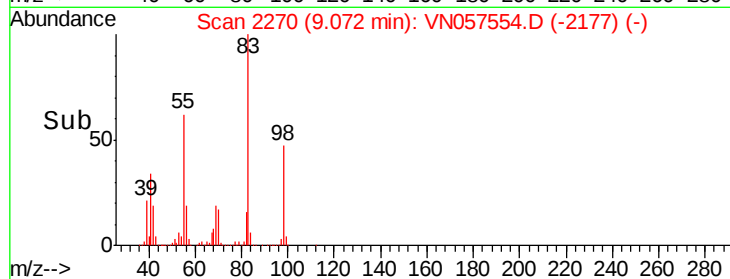
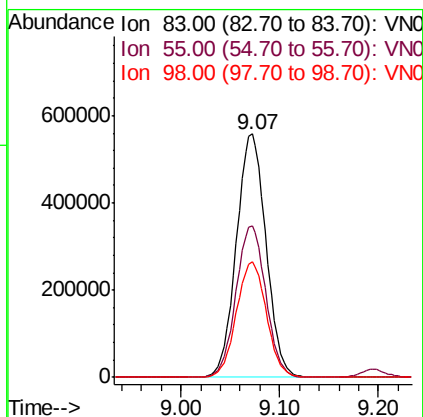
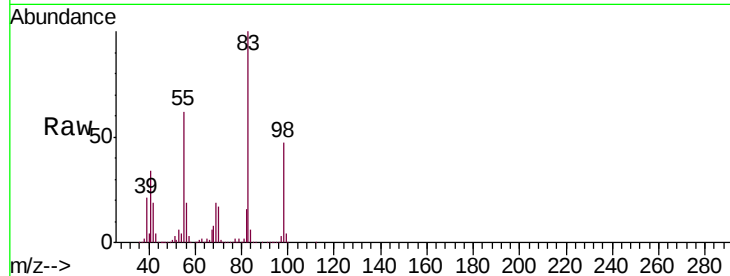




#39
Methvlcvclohexane
Concen: 110.326 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

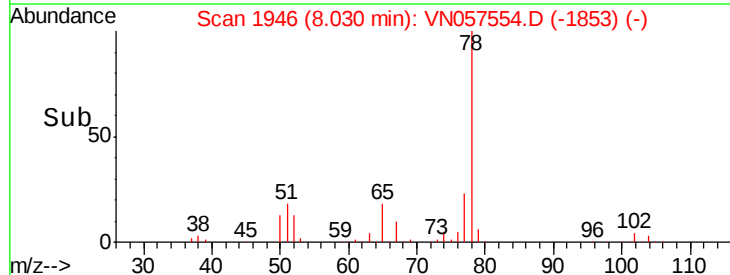
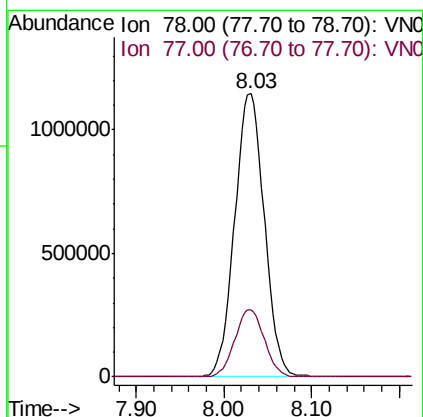
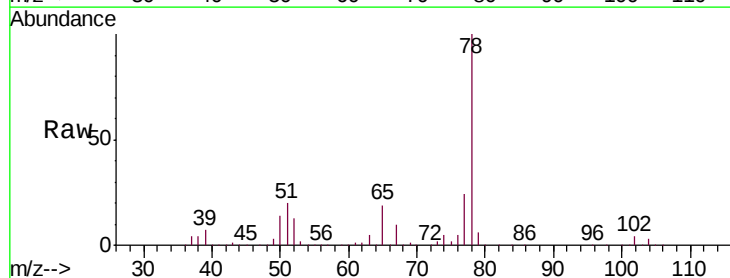
Instrument :
MSVOA_N
ClientSampleId :

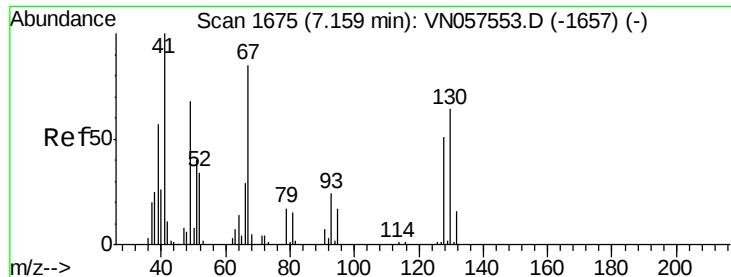
Tot Ion: 83 Resp: 1163305
Ion Ratio Lower Upper
83 100
55 62.5 68.6 102.8#
98 47.3 36.6 54.8



#40
Benzene
Concen: 102.165 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion: 78 Resp: 2701489
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7

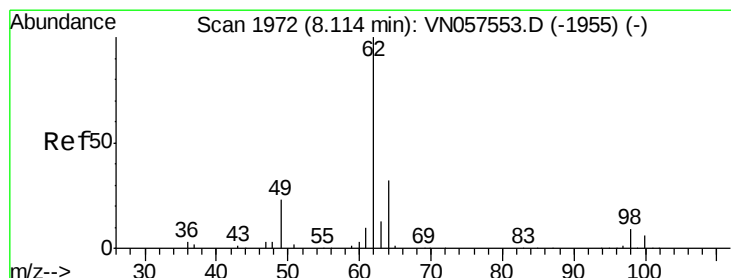
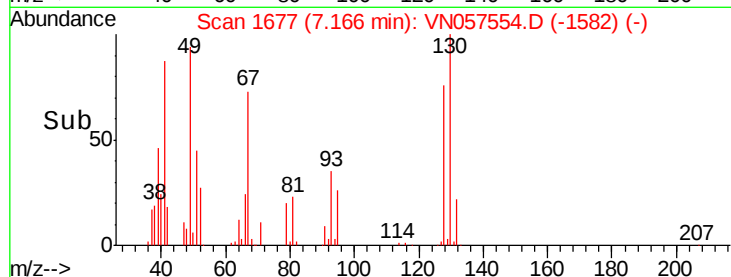
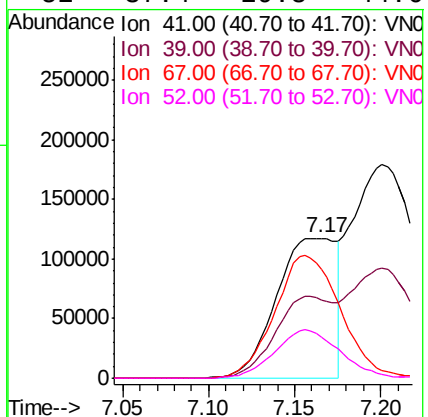
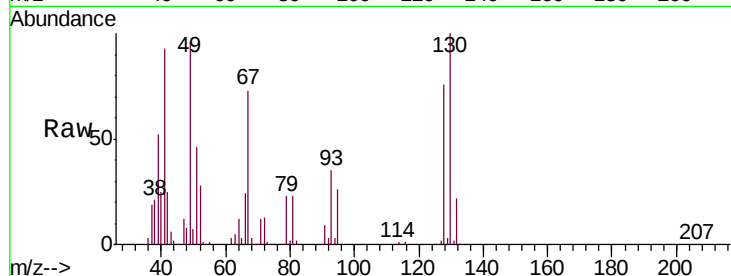




#41
Methacrylonitrile
Concen: 74.333 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

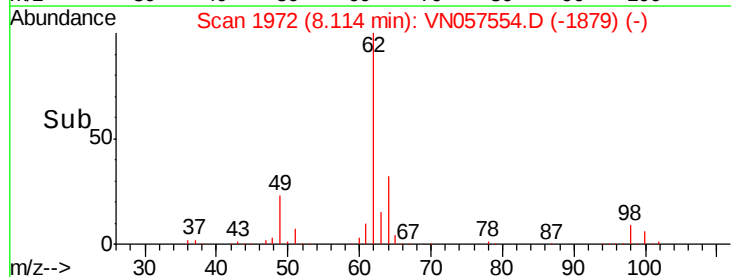
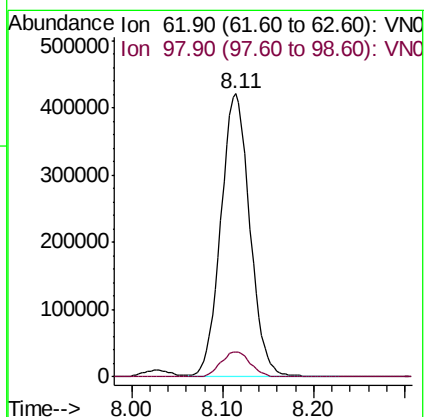
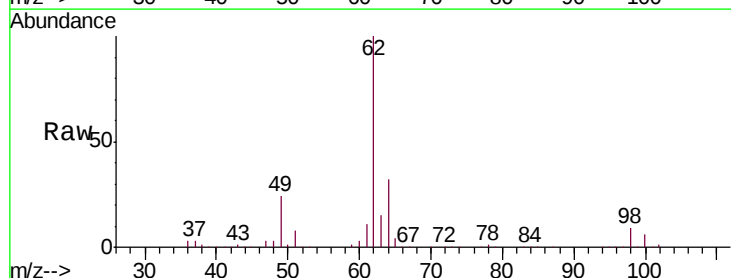
Instrument :
MSVOA_N
ClientSampled :

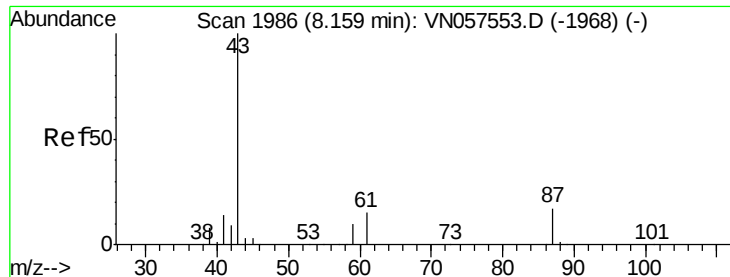
Tot Ion: 41 Resp: 285645
Ion Ratio Lower Upper
41 100
39 53.1 53.6 80.4#
67 96.7 65.4 98.2
52 37.4 29.8 44.6



#42
1,2-Dichloroethane
Concen: 92.740 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion: 62 Resp: 931425
Ion Ratio Lower Upper
62 100
98 9.1 0.0 15.4



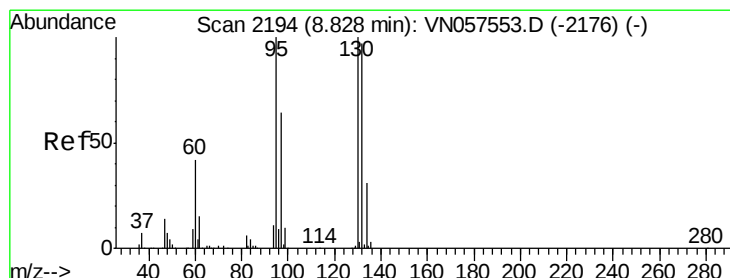
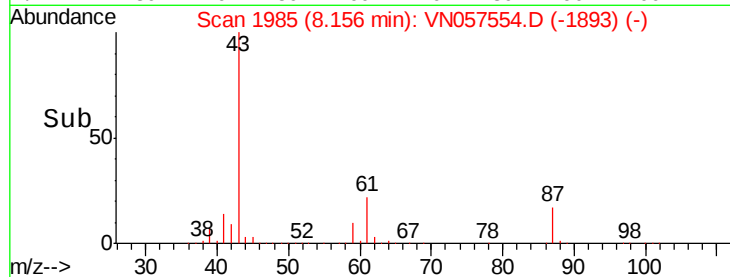
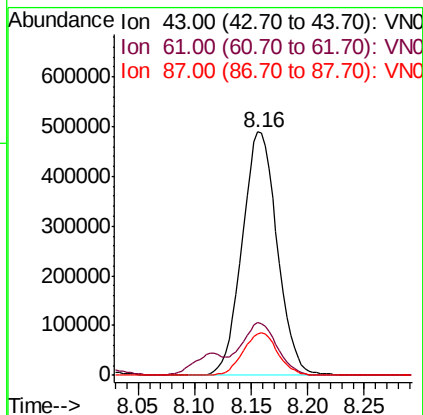
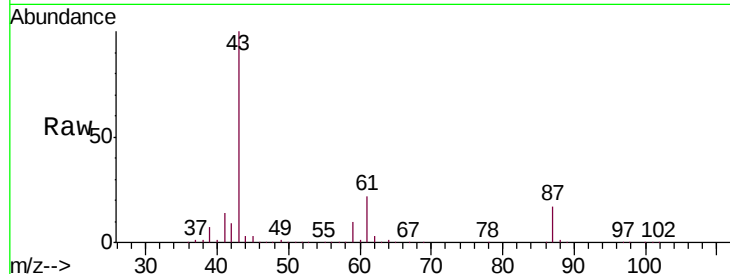


#43

Isopropyl Acetate
 Concen: 70.129 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Instrument :
 MSVOA_N
 ClientSampleId :

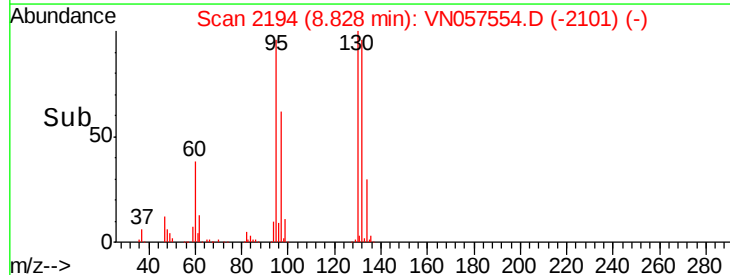
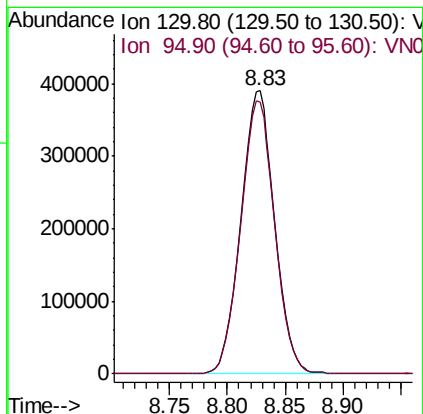
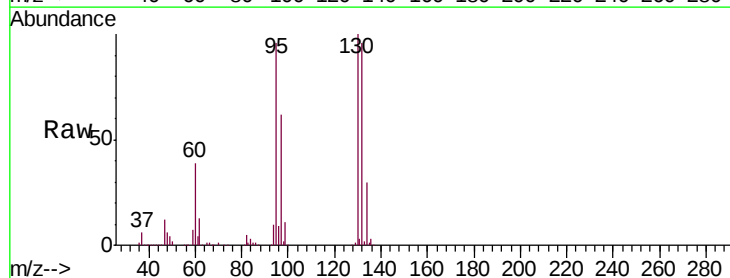
Tot Ion: 43 Resp: 1050783
 Ion Ratio Lower Upper
 43 100
 61 21.8 14.5 21.7#
 87 17.5 8.6 12.8#

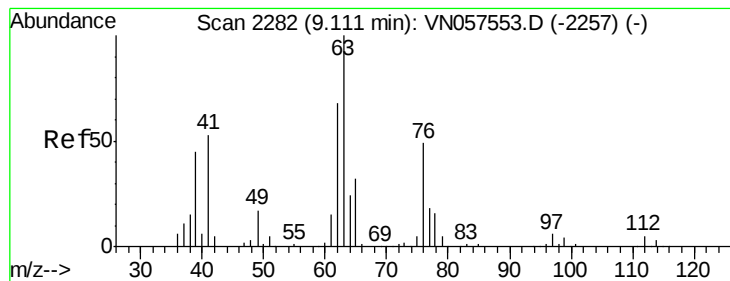


#44

Trichloroethene
 Concen: 128.508 ug/l
 RT: 8.83 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Tgt Ion:130 Resp: 787613
 Ion Ratio Lower Upper
 130 100
 95 96.1 0.0 231.6





#45

1,2-Dichloropropane

Concen: 86.628 ug/l

RT: 9.11 min Scan# 2282

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

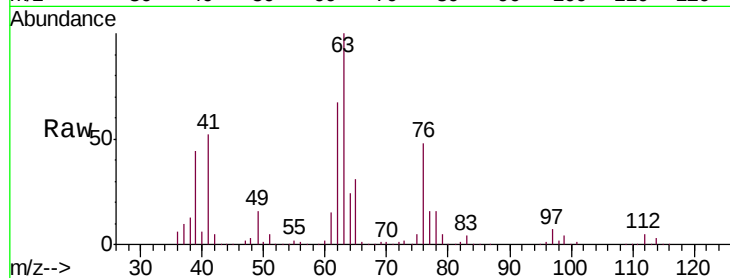
ClientSampled :

Tot Ion: 63 Resp: 626911

Ion Ratio Lower Upper

63 100

65 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.11

300000

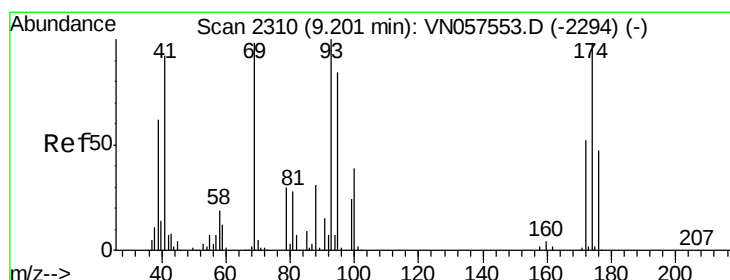
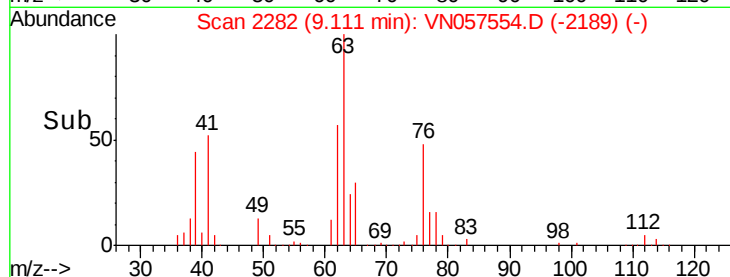
200000

100000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 104.761 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

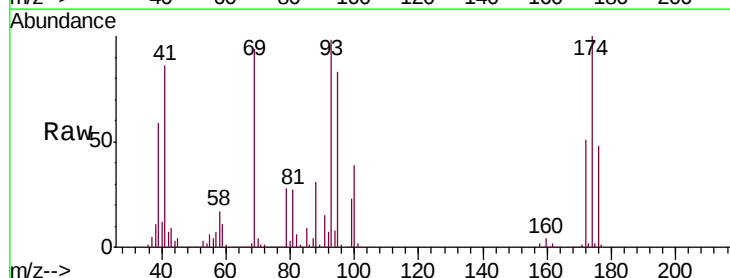
Tgt Ion: 93 Resp: 501149

Ion Ratio Lower Upper

93 100

95 84.4 64.7 97.1

174 103.4 62.3 93.5#



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.20

300000

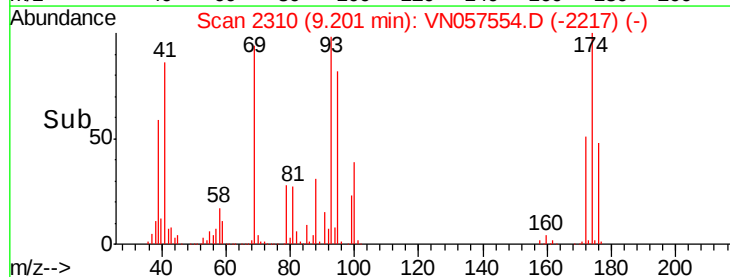
200000

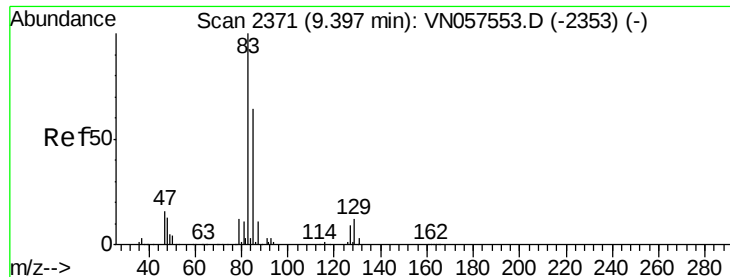
100000

0

Time-->

9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 106.489 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :
MSVOA_N
ClientSampleId :

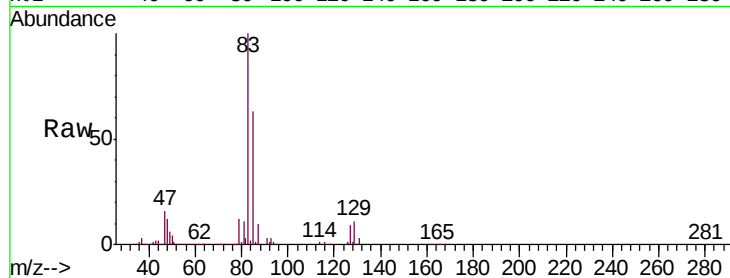
Tot Ion: 83 Resp: 1053814

Ion Ratio Lower Upper

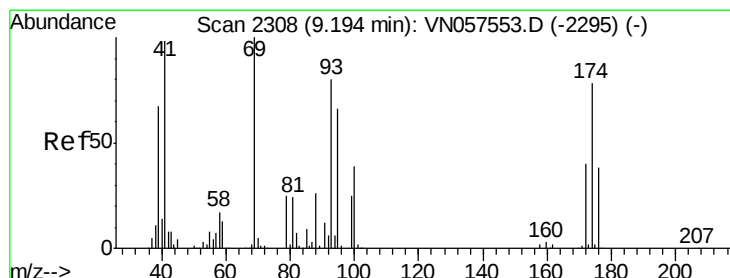
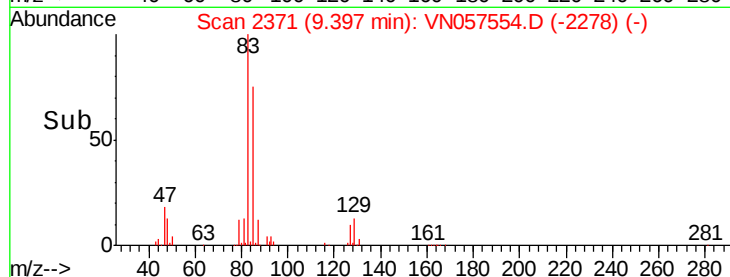
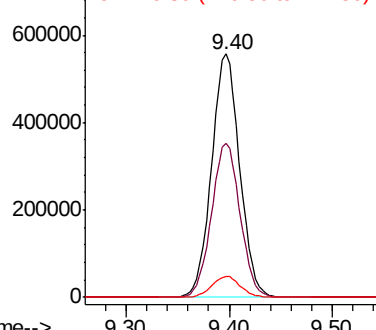
83 100

85 63.3 51.2 76.8

127 8.7 6.6 10.0



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



#48

Methyl methacrylate

Concen: 67.674 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

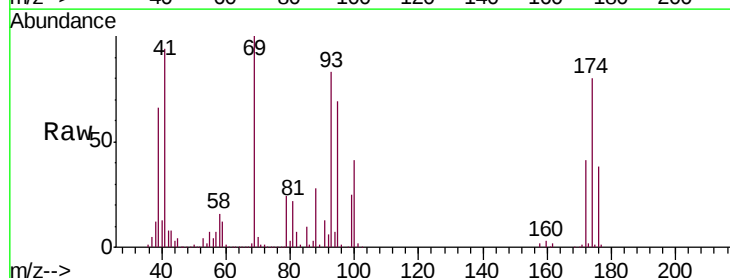
Tgt Ion: 41 Resp: 479306

Ion Ratio Lower Upper

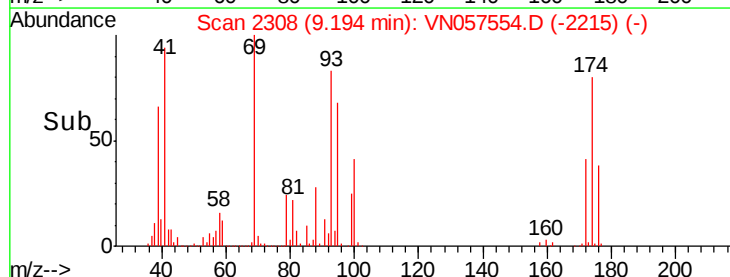
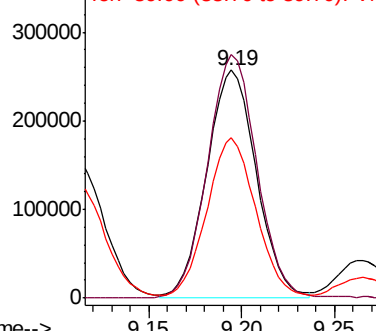
41 100

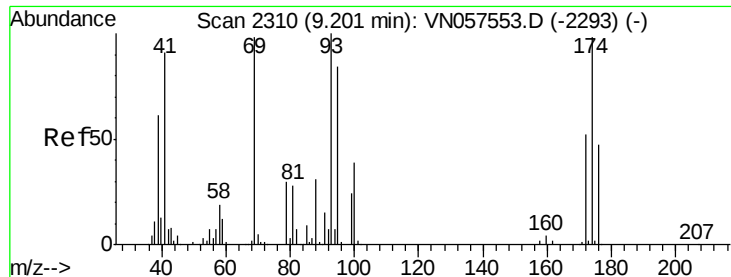
69 107.0 59.3 88.9#

39 69.5 50.6 75.8



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

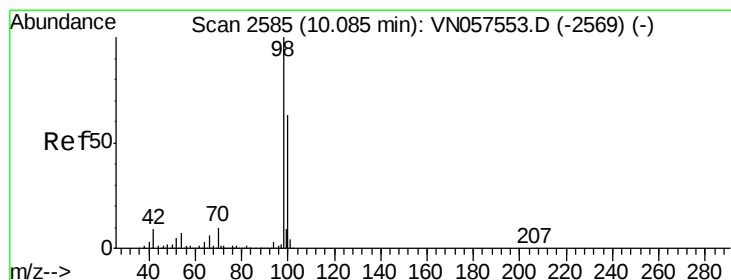
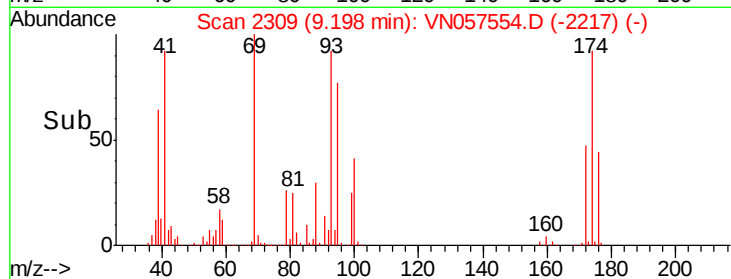
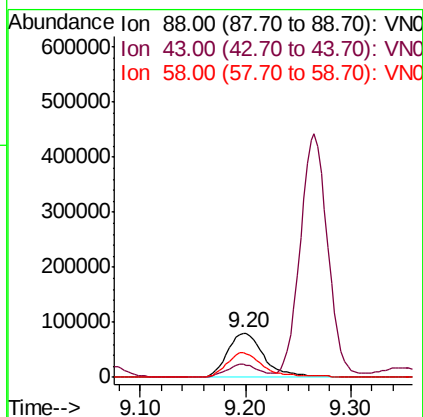
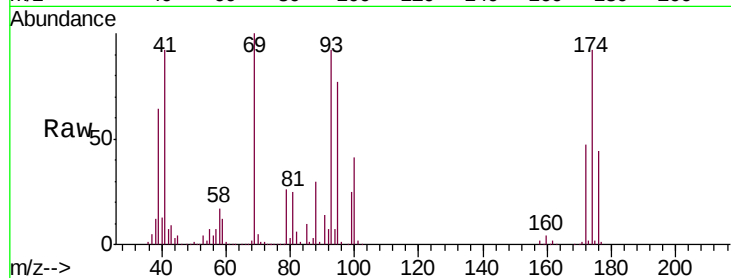




#49
1,4-Dioxane
Concen: 2016.761 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

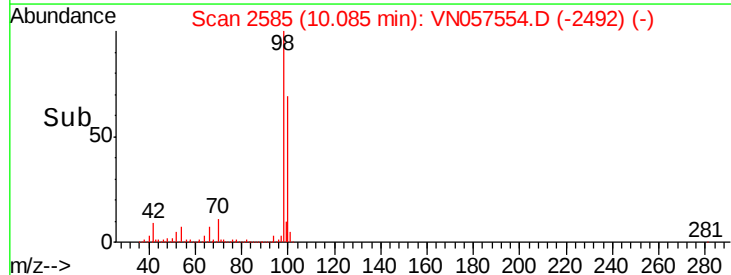
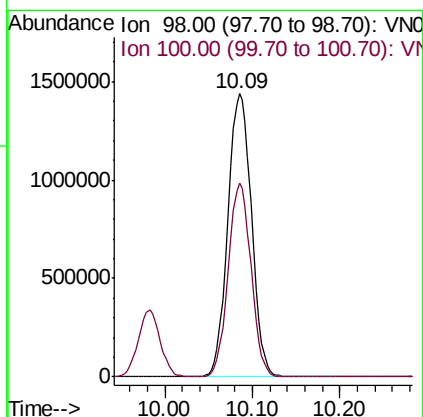
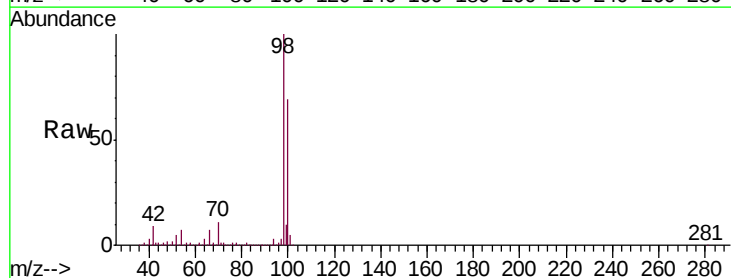
Instrument :
MSVOA_N
ClientSampled :

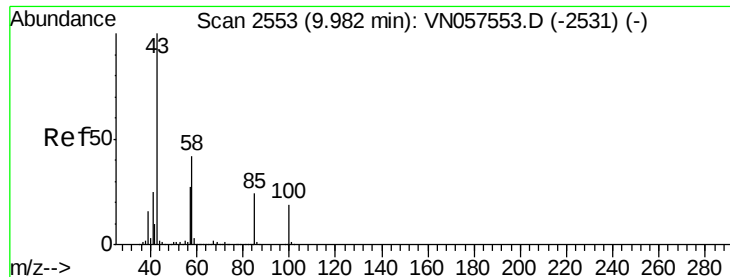
Tot Ion: 88 Resp: 195569
Ion Ratio Lower Upper
88 100
43 24.7 31.0 46.6#
58 57.1 64.5 96.7#



#50
Toluene-d8
Concen: 117.993 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion: 98 Resp: 2698078
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 335.580 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

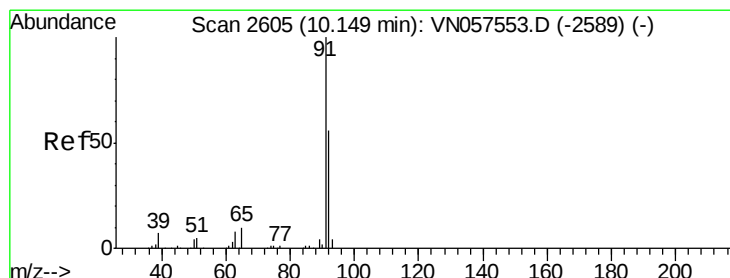
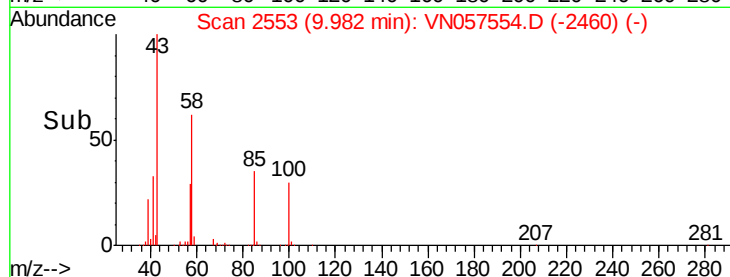
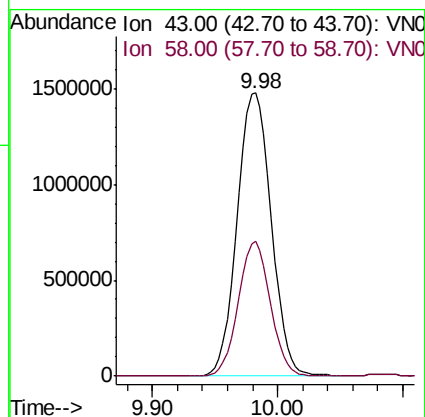
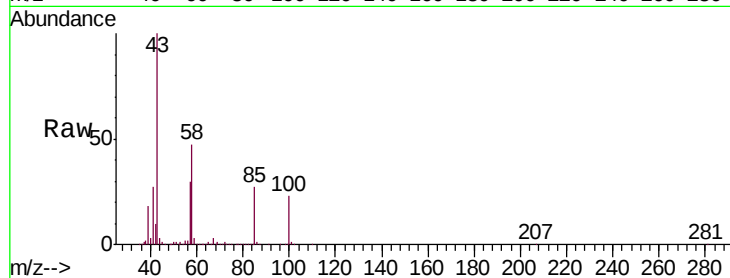
ClientSampleId :

Tot Ion: 43 Resp: 2792774

Ion Ratio Lower Upper

43 100

58 44.7 27.9 41.9#



#52

Toluene

Concen: 120.479 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057554.D

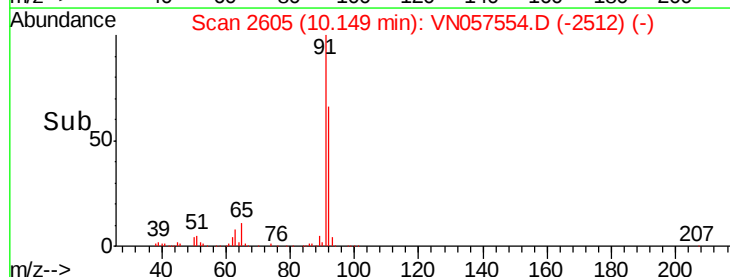
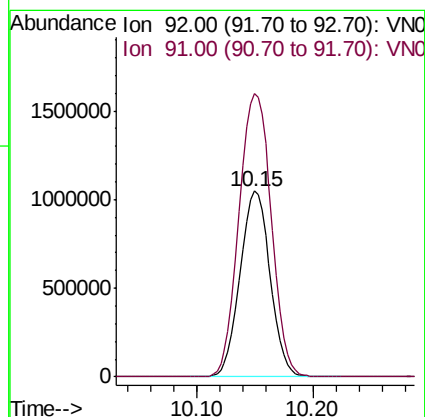
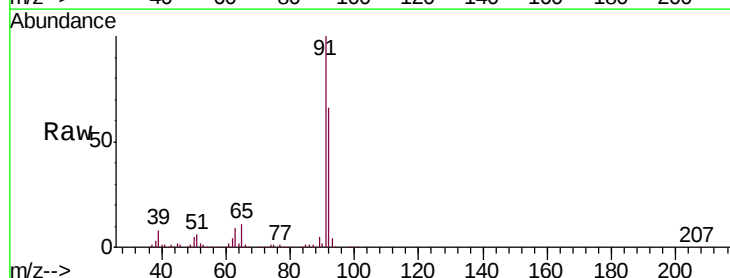
Acq: 29 Aug 2019 17:04

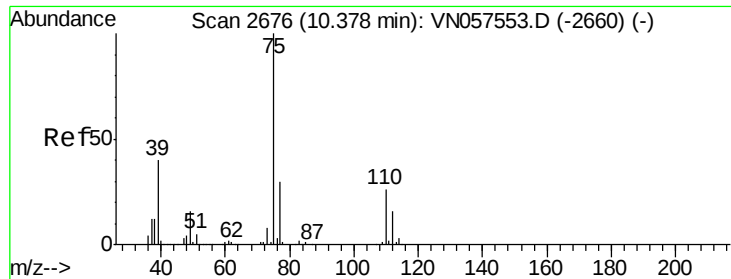
Tgt Ion: 92 Resp: 1885600

Ion Ratio Lower Upper

92 100

91 164.2 140.9 211.3

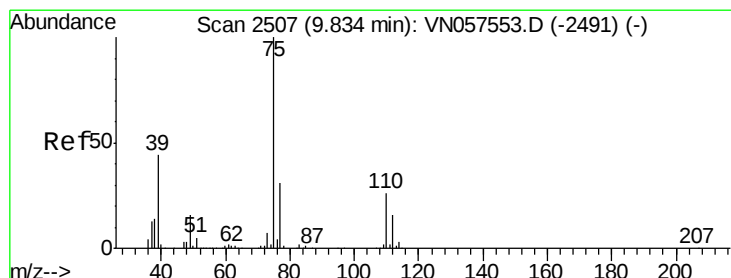
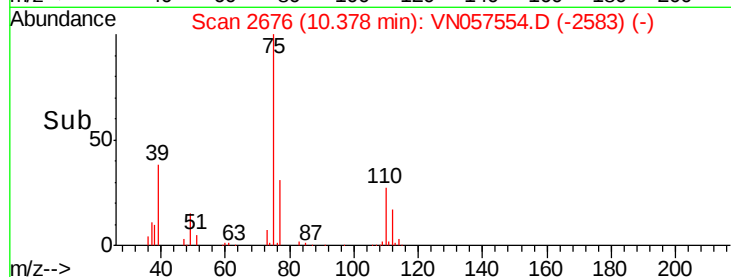
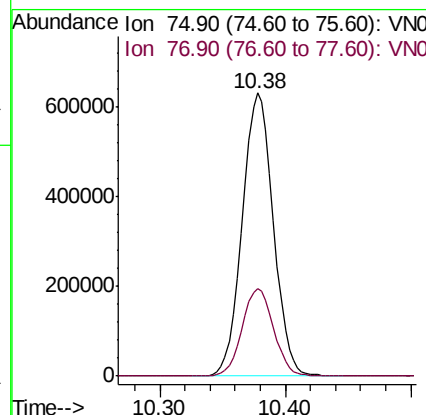
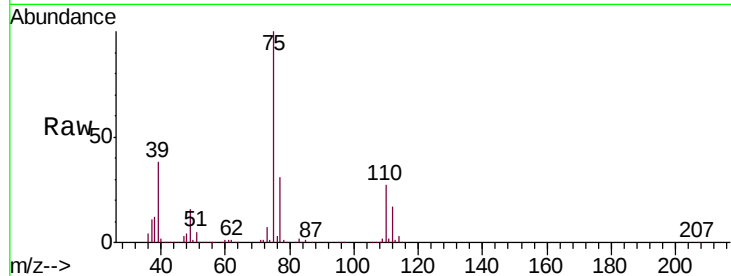




#53
 t-1,3-Dichloropropene
 Concen: 105.422 ug/l
 RT: 10.38 min Scan# 2676
 Delta R.T. 0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

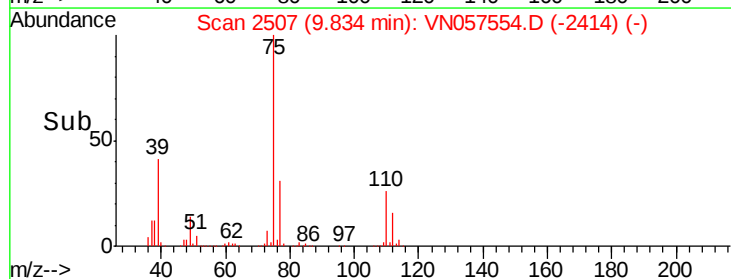
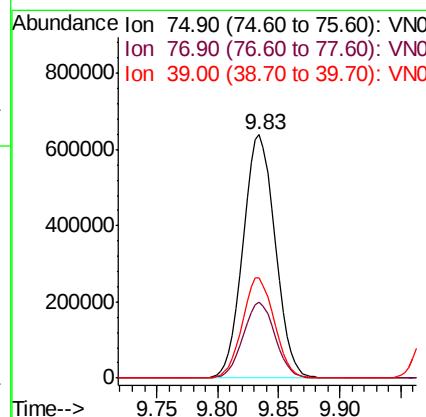
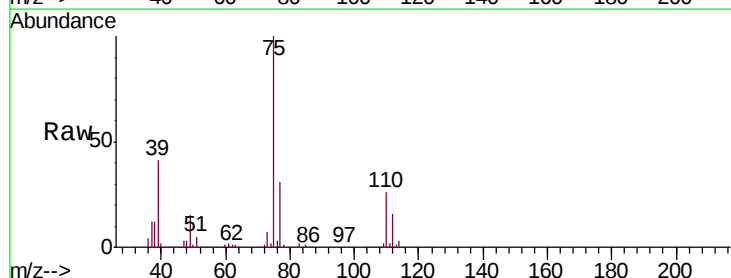
Instrument :
 MSVOA_N
 ClientSampleId :

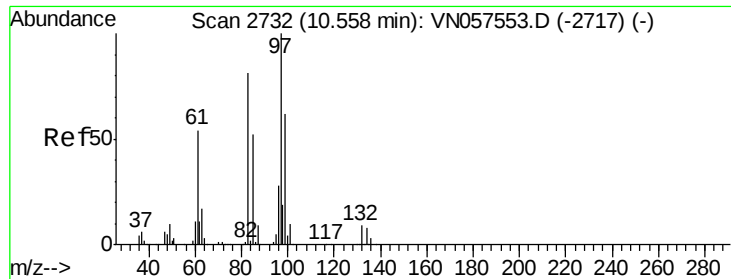
Tot Ion: 75 Resp: 1084034
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 101.957 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Tgt Ion: 75 Resp: 1162222
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6
 39 41.0 49.2 73.8#

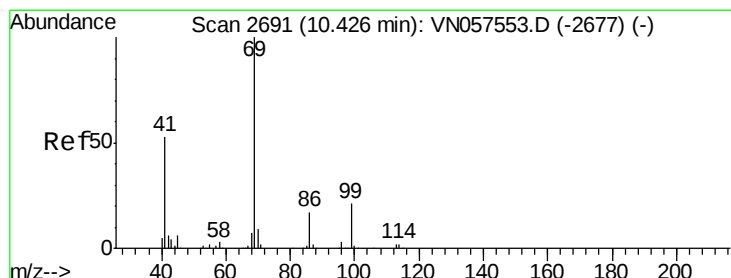
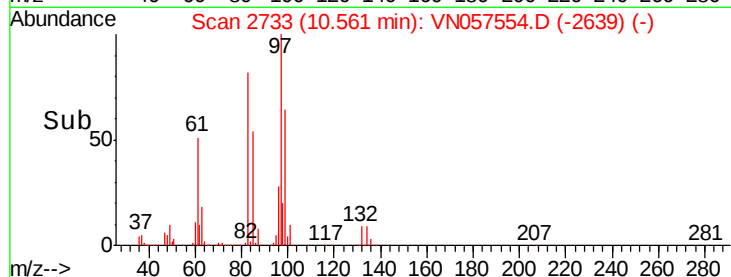
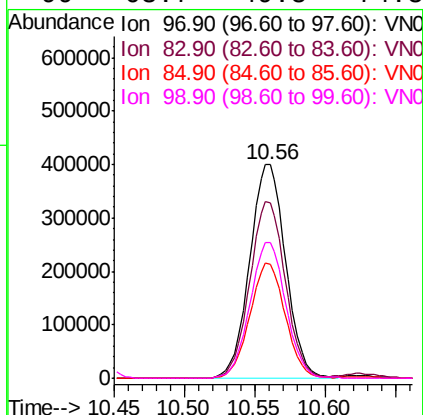
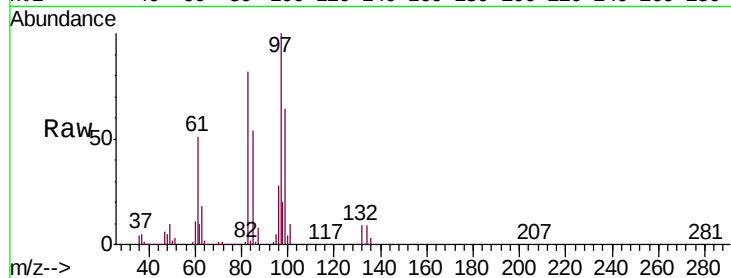




#55
 1,1,2-Trichloroethane
 Concen: 113.214 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

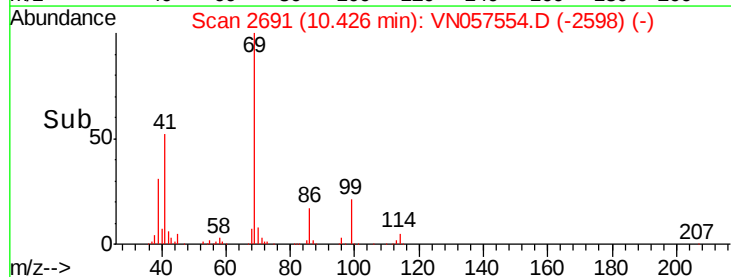
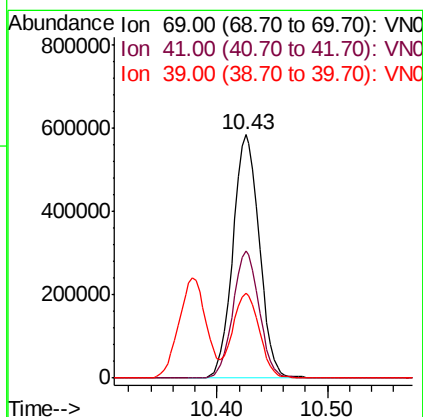
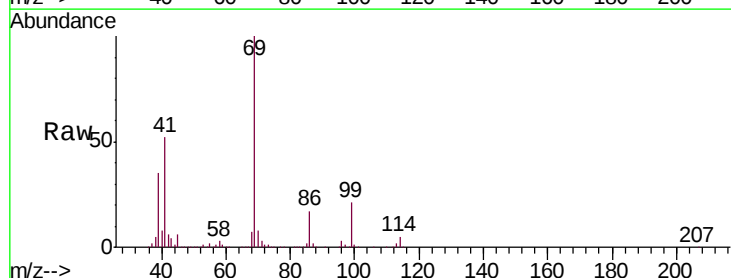
Instrument :
 MSVOA_N
 ClientSampleId :

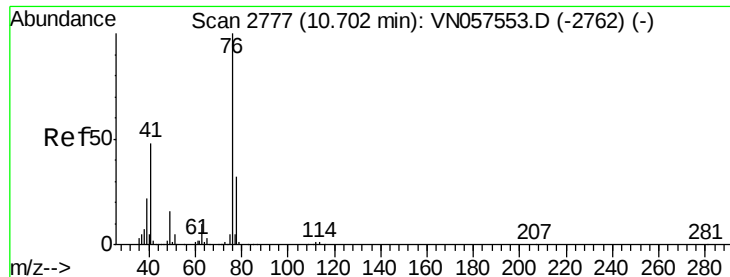
Tot Ion:	97	Resp:	713160
Ion	Ratio	Lower	Upper
97	100		
83	82.2	73.7	110.5
85	53.6	46.8	70.2
99	63.7	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 101.734 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Tgt Ion:	69	Resp:	970720
Ion	Ratio	Lower	Upper
69	100		
41	51.2	60.8	91.2#
39	34.8	36.5	54.7#





#57

1,3-Dichloropropane

Concen: 103.717 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

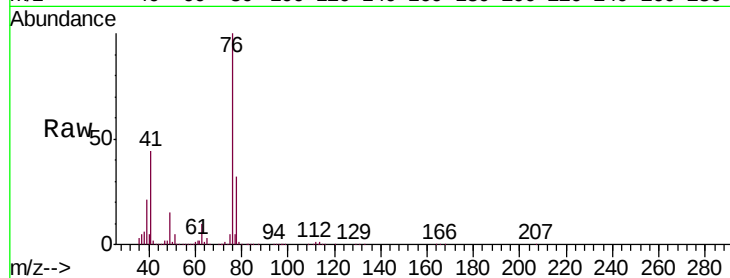
ClientSampleId :

Tot Ion: 76 Resp: 1109367

Ion Ratio Lower Upper

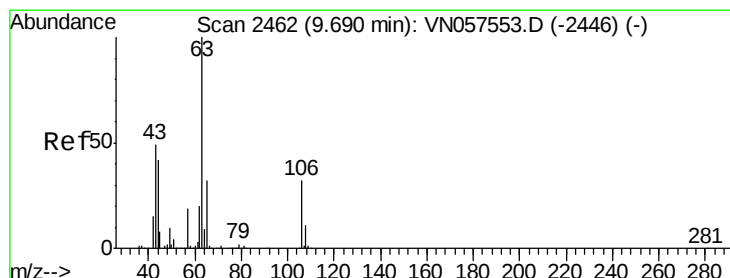
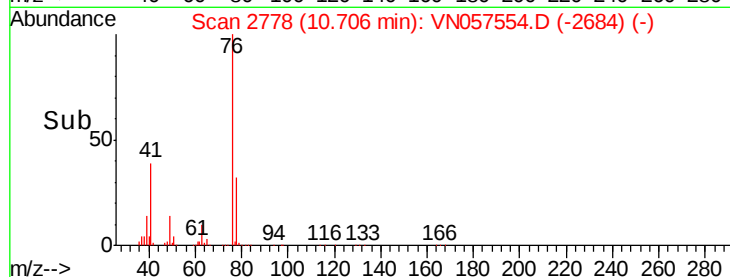
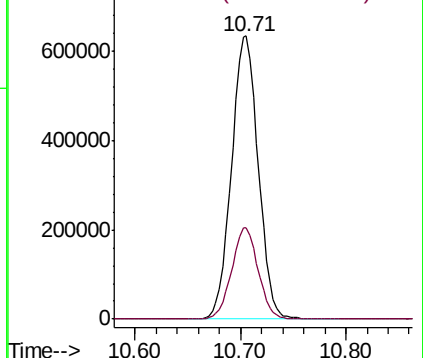
76 100

78 32.0 25.5 38.3



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: 589.494 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057554.D

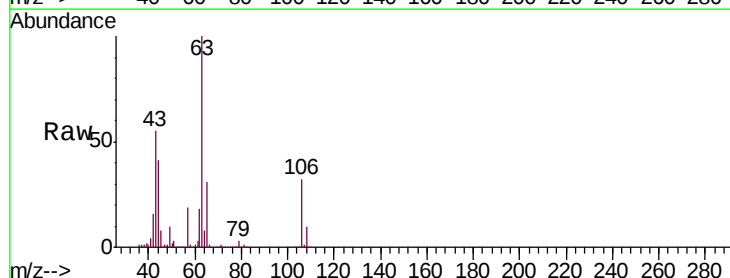
Acq: 29 Aug 2019 17:04

Tgt Ion: 63 Resp: 1329913

Ion Ratio Lower Upper

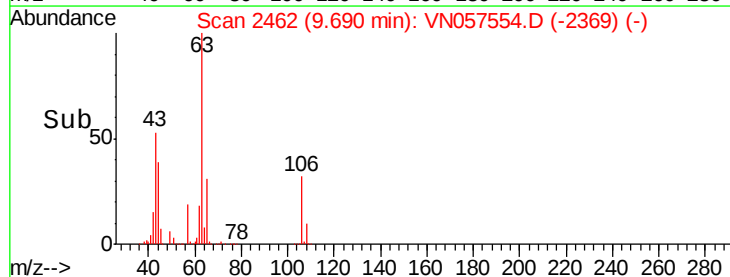
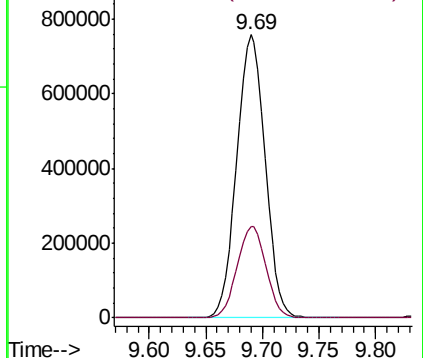
63 100

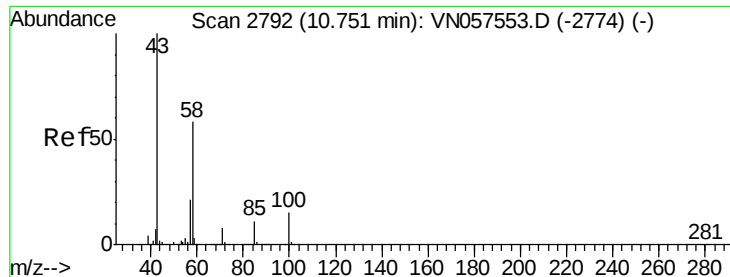
106 32.7 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

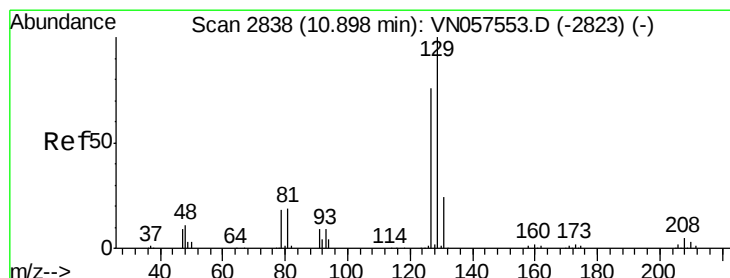
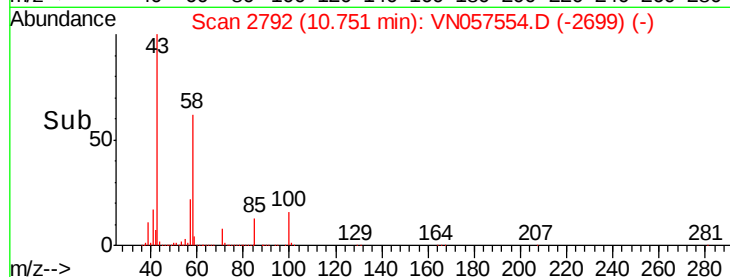
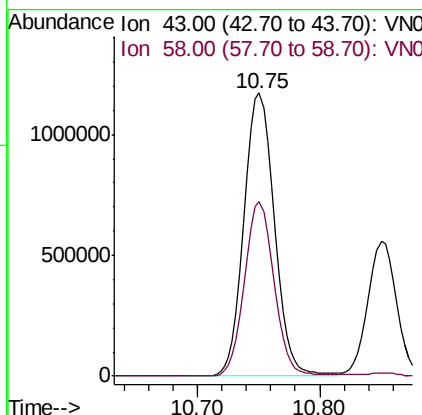
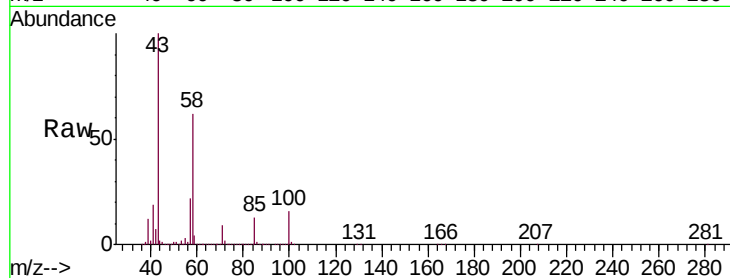




#59
2-Hexanone
Concen: 353.275 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

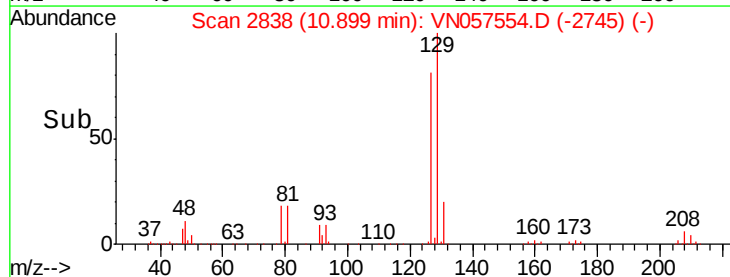
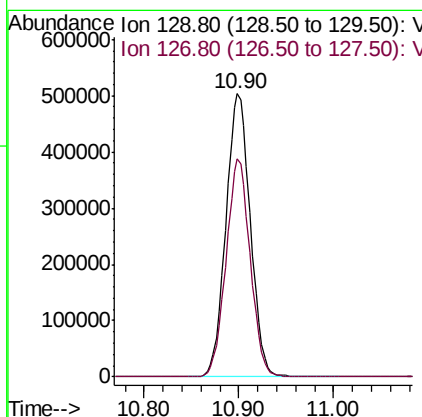
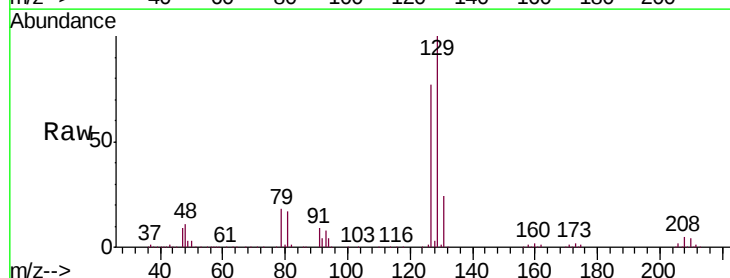
Instrument :
MSVOA_N
ClientSampled :

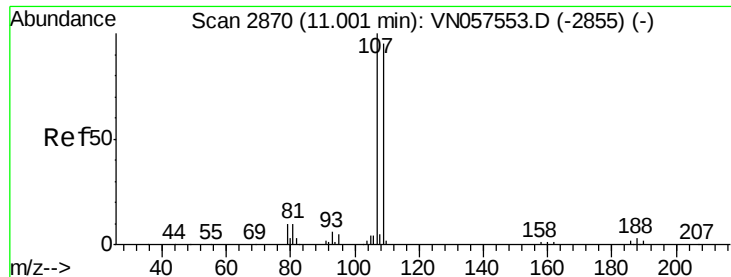
Tot Ion: 43 Resp: 2020442
Ion Ratio Lower Upper
43 100
58 60.0 24.6 73.6



#60
Dibromochloromethane
Concen: 132.477 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion: 129 Resp: 901602
Ion Ratio Lower Upper
129 100
127 76.4 39.0 116.9

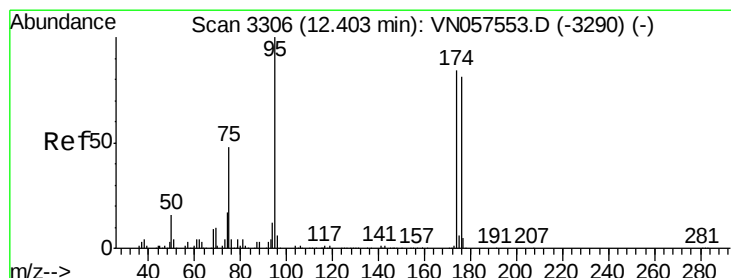
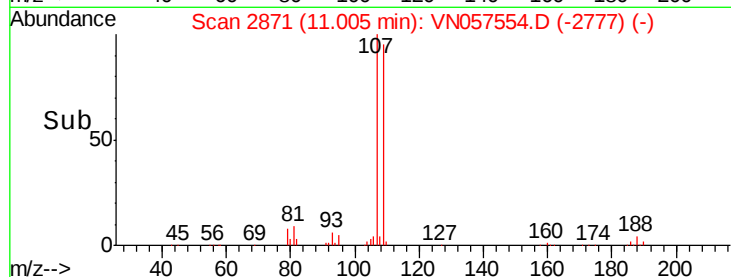
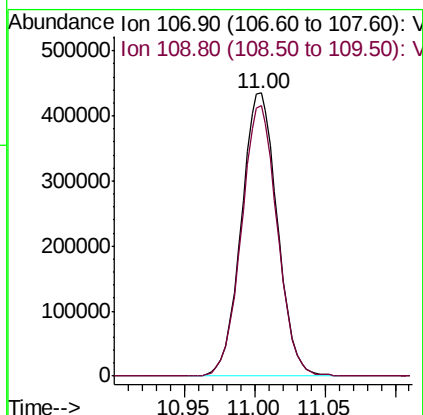
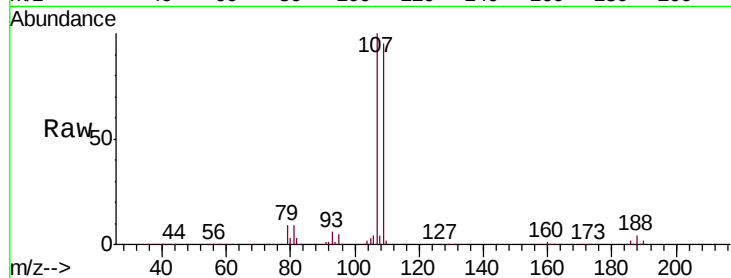




#61
 1,2-Dibromoethane
 Concen: 124.400 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

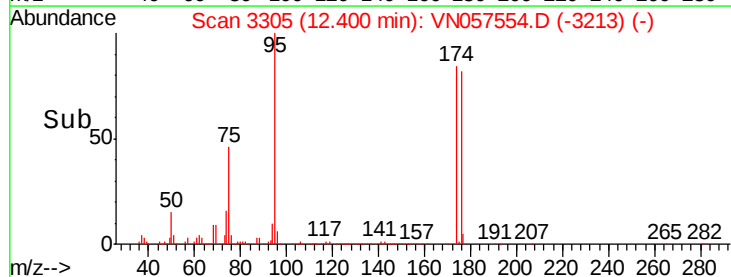
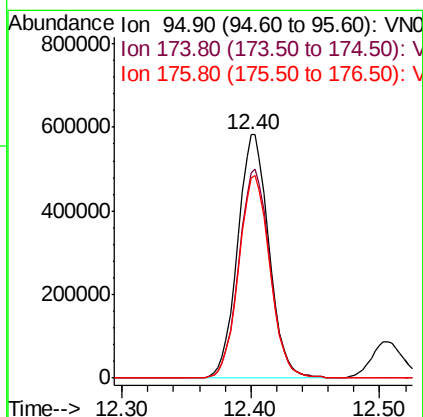
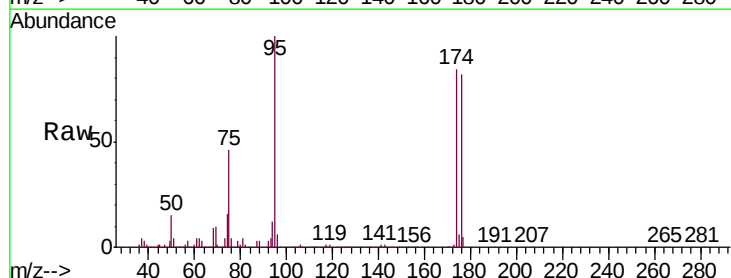
Instrument :
 MSVOA_N
 ClientSampleId :

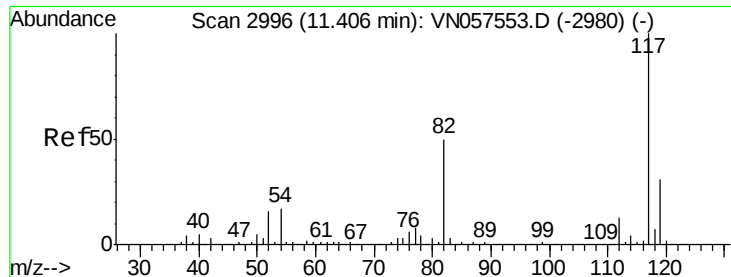
Tot Ion:107 Resp: 776314
 Ion Ratio Lower Upper
 107 100
 109 95.6 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 126.950 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Tgt Ion: 95 Resp: 984550
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 133.0
 176 83.1 0.0 130.8

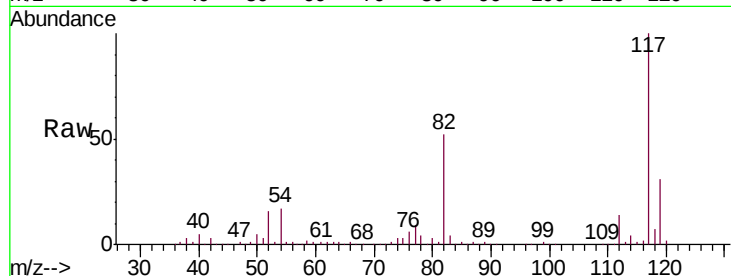




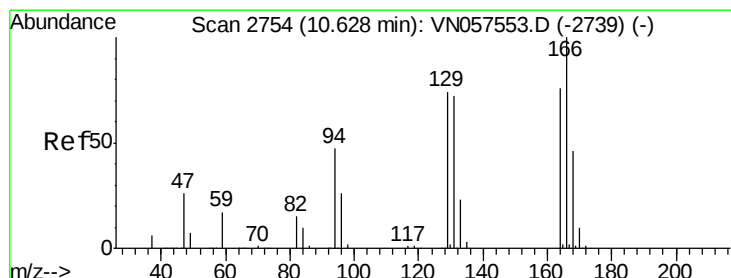
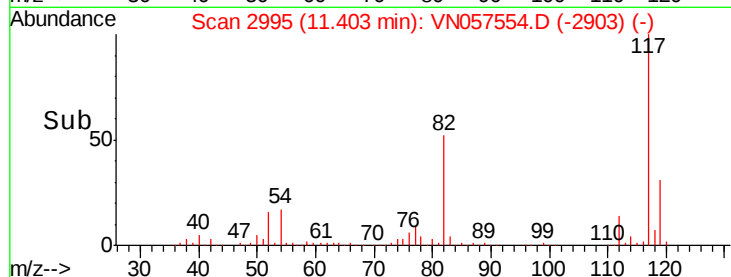
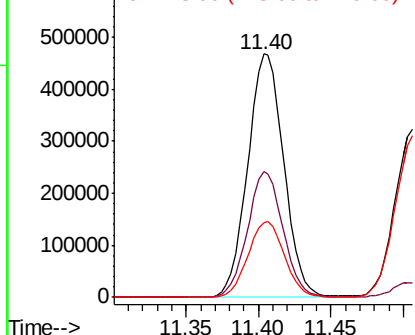
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 810302
Ion Ratio Lower Upper
117 100
82 51.6 50.6 75.8
119 30.8 24.6 36.8

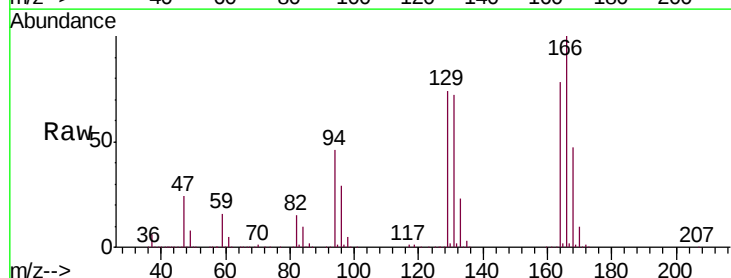


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

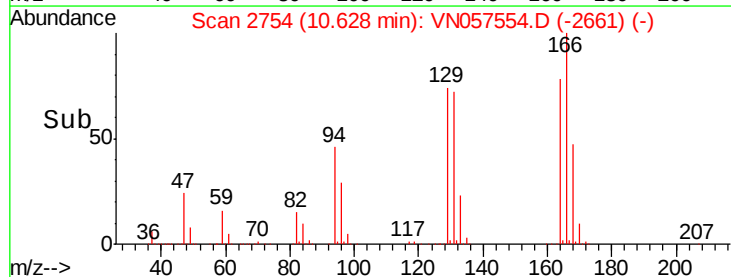
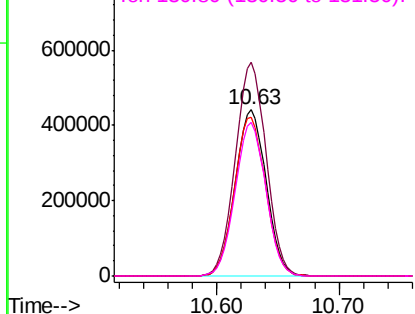


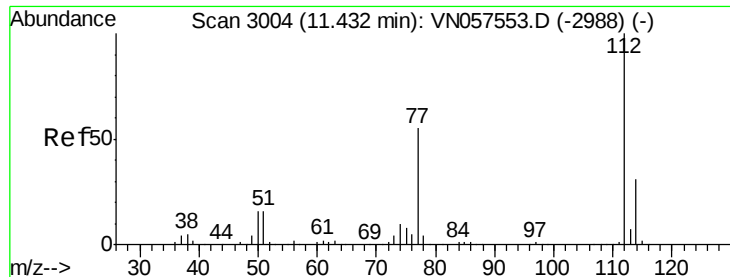
#64
Tetrachloroethene
Concen: 127.327 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion:164 Resp: 775803
Ion Ratio Lower Upper
164 100
166 128.6 104.4 156.6
129 95.5 86.6 130.0
131 92.1 77.6 116.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

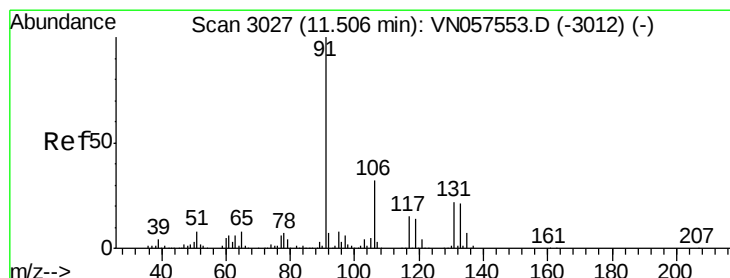
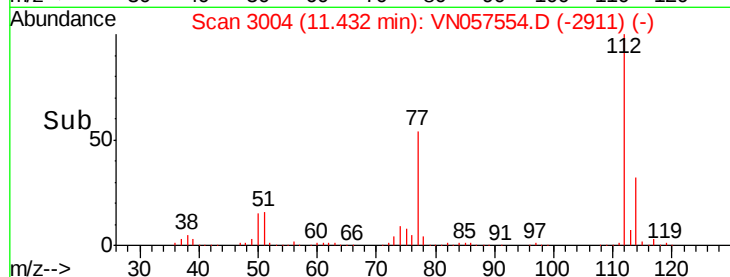
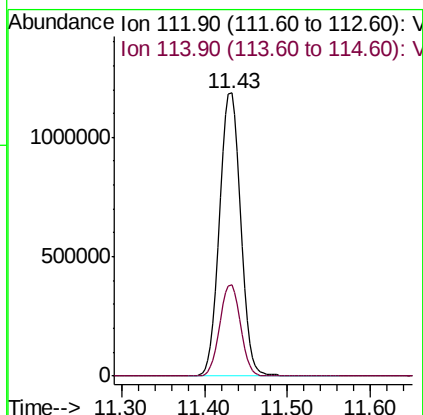
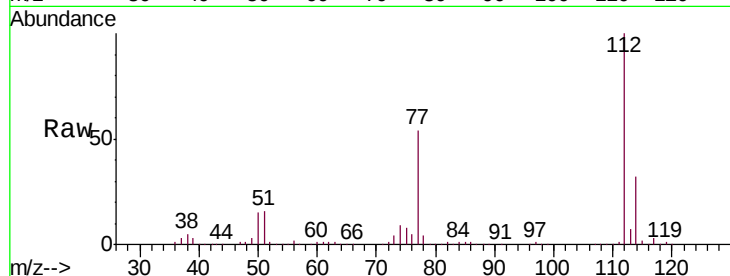




#65
Chlorobenzene
Concen: 120.776 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

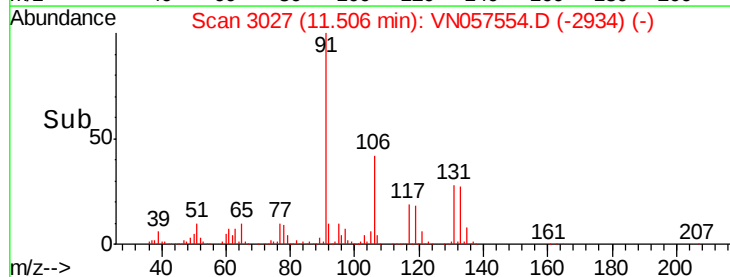
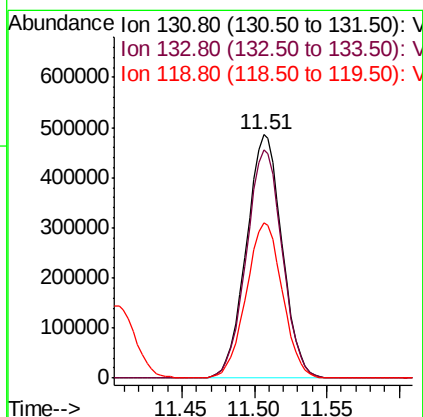
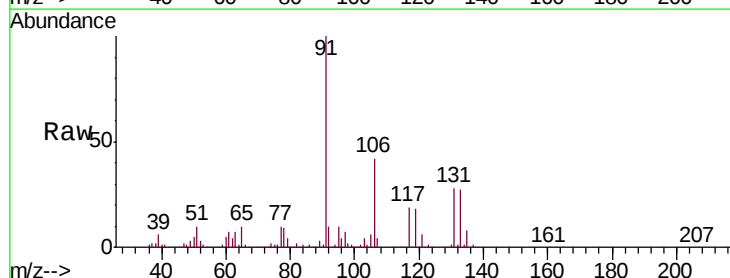
Instrument :
MSVOA_N
ClientSampleId :

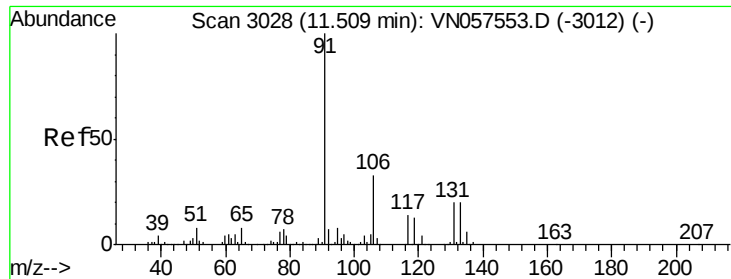
Tot Ion:112 Resp: 2086613
Ion Ratio Lower Upper
112 100
114 32.1 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 124.933 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion:131 Resp: 832304
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.8
119 64.6 34.4 103.2





#67

Ethyl Benzene

Concen: 98.607 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

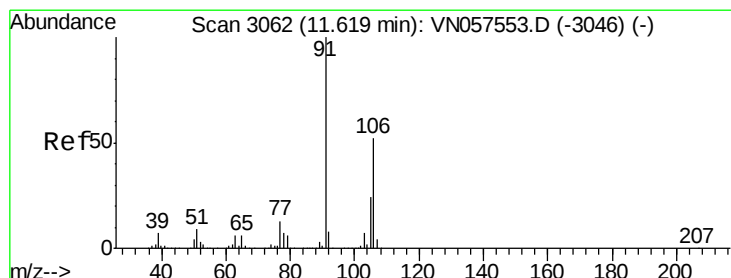
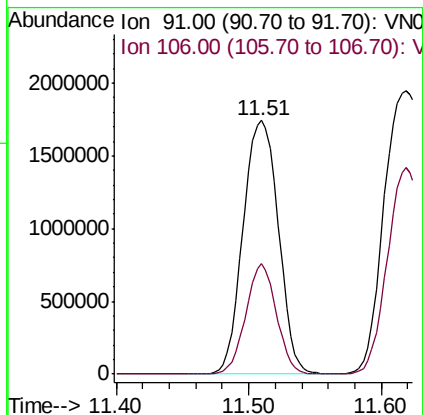
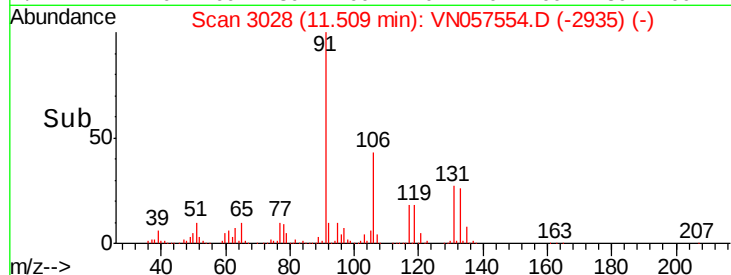
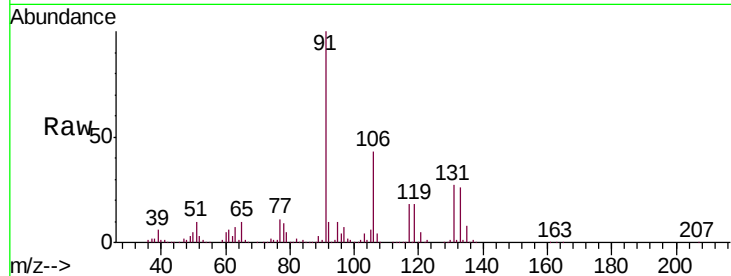
ClientSampled :

Tot Ion: 91 Resp: 3237049

Ion Ratio Lower Upper

91 100

106 43.3 24.1 36.1#



#68

m/p-Xylenes

Concen: 250.177 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN057554.D

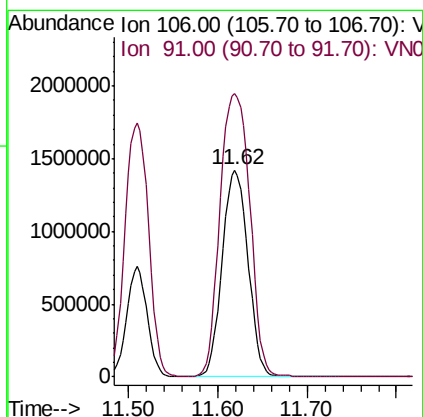
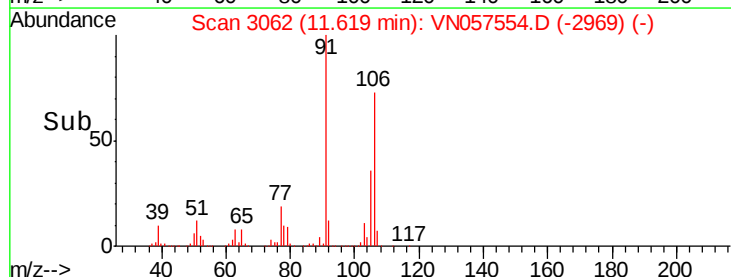
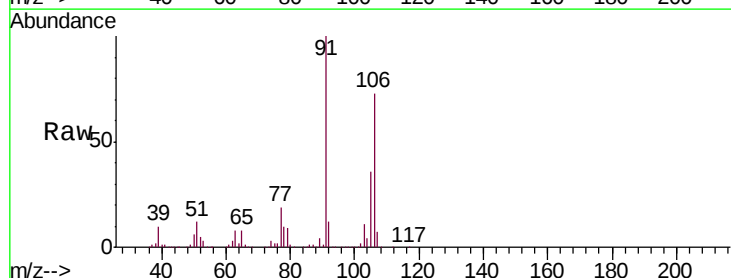
Acq: 29 Aug 2019 17:04

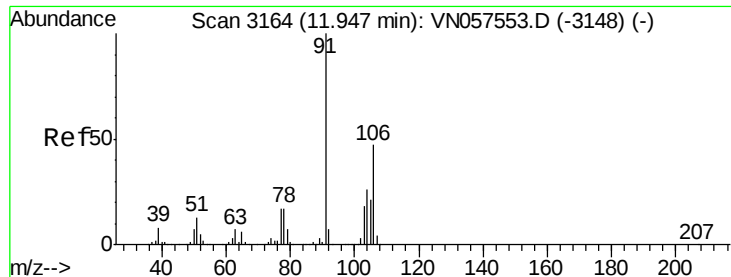
Tgt Ion: 106 Resp: 2853871

Ion Ratio Lower Upper

106 100

91 158.5 171.8 257.6#

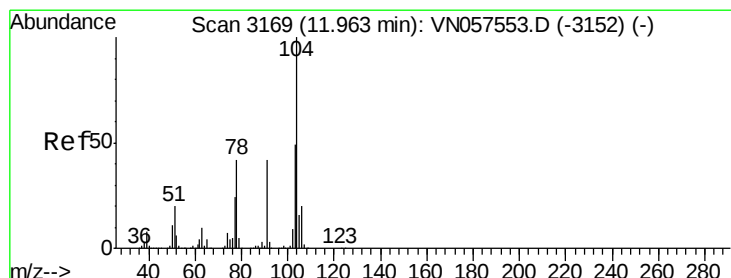
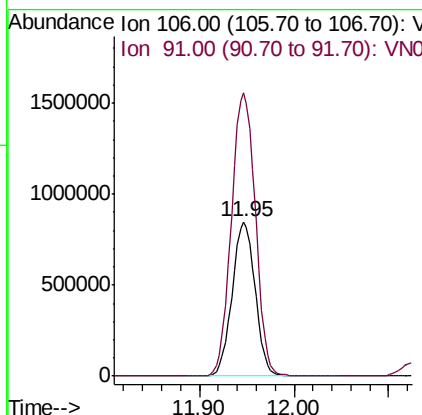
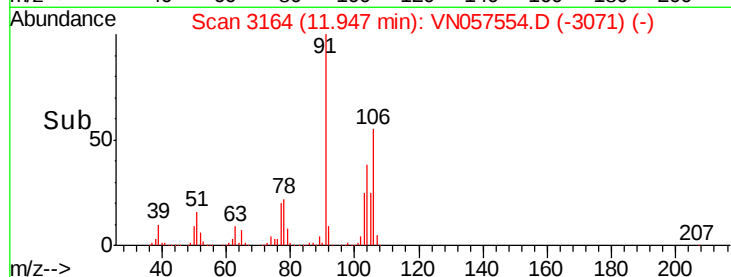
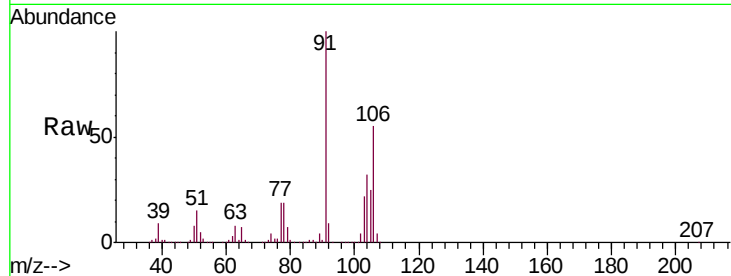




#69
o-Xylene
Concen: 126.748 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

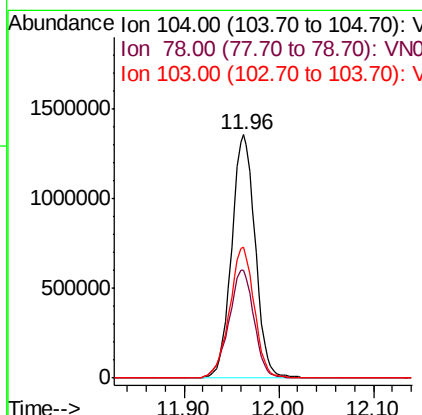
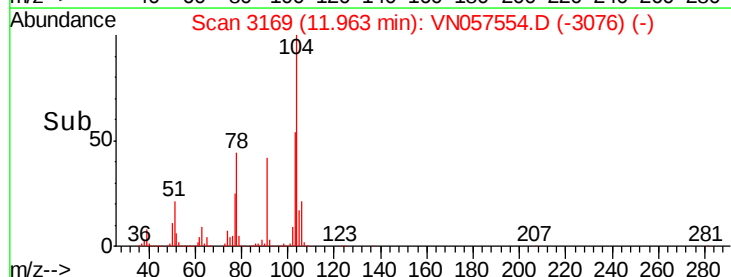
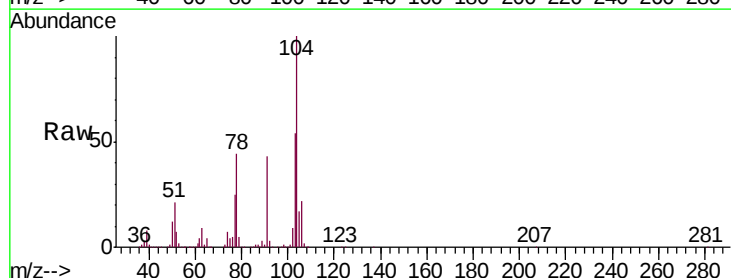
Instrument :
MSVOA_N
ClientSampled :

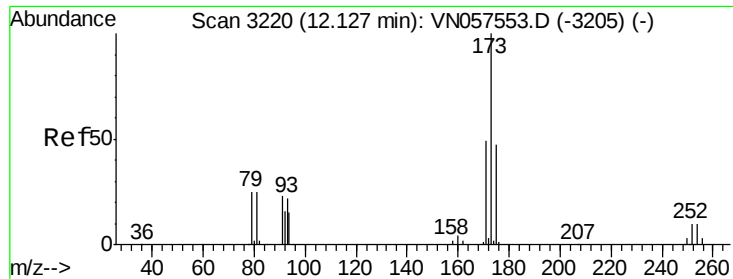
Tot Ion:106 Resp: 1426183
Ion Ratio Lower Upper
106 100
91 192.3 112.3 336.9



#70
Styrene
Concen: 131.216 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion:104 Resp: 2341020
Ion Ratio Lower Upper
104 100
78 47.5 44.7 67.1
103 56.6 44.4 66.6

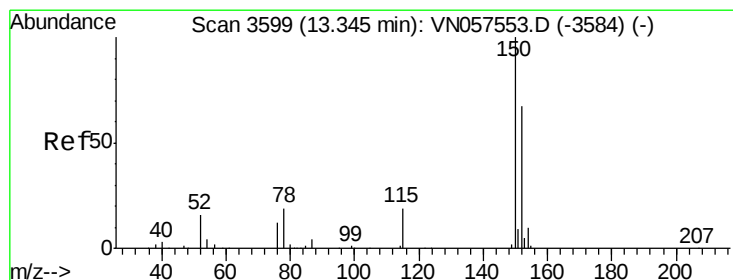
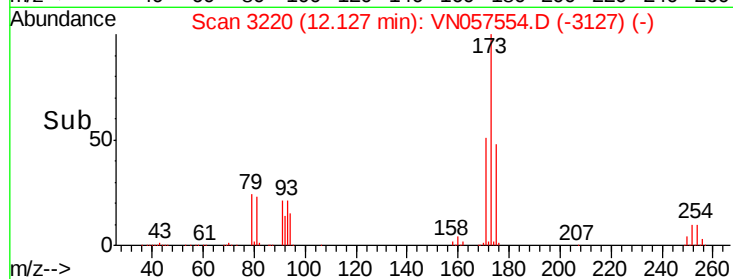
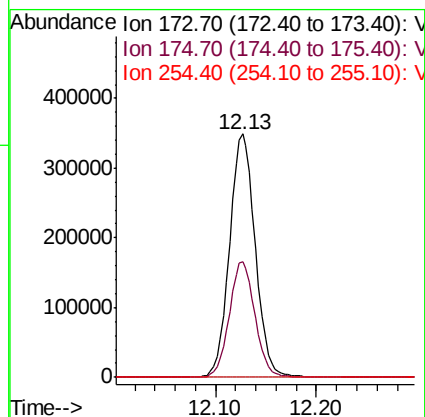
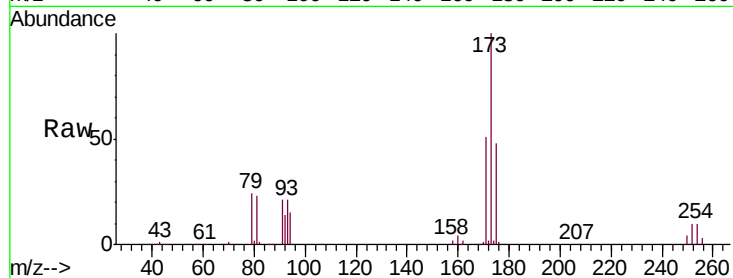




#71
Bromoform
Concen: 136.928 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

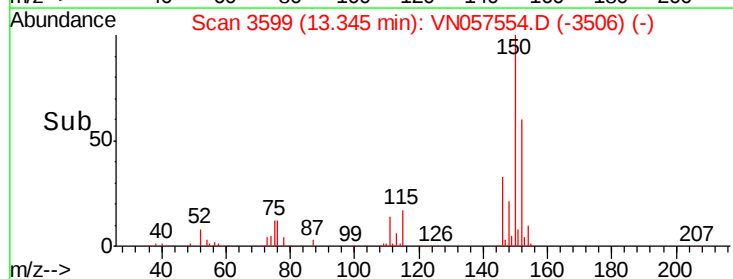
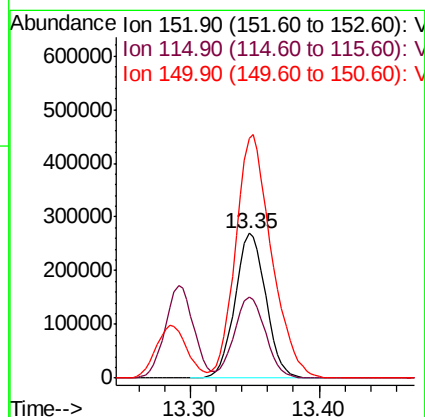
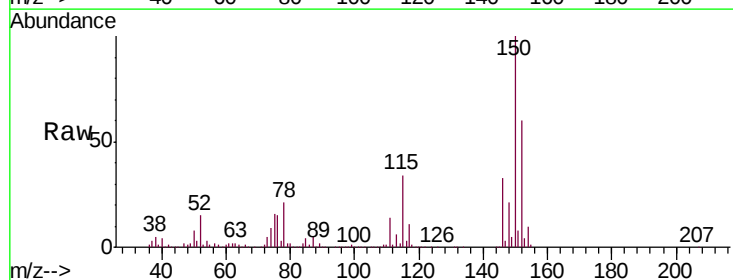
Instrument :
MSVOA_N
ClientSampled :

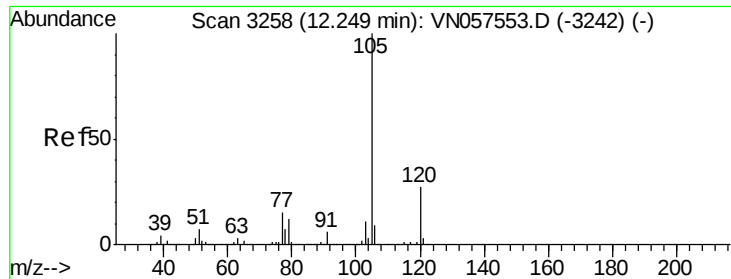
Tot Ion:173 Resp: 619666
Ion Ratio Lower Upper
173 100
175 47.5 23.9 71.8
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion:152 Resp: 447007
Ion Ratio Lower Upper
152 100
115 56.7 32.0 96.0
150 196.1 0.0 346.6





#73

Isopropylbenzene

Concen: 66.067 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

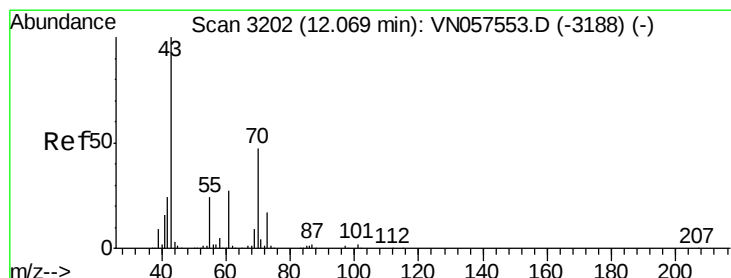
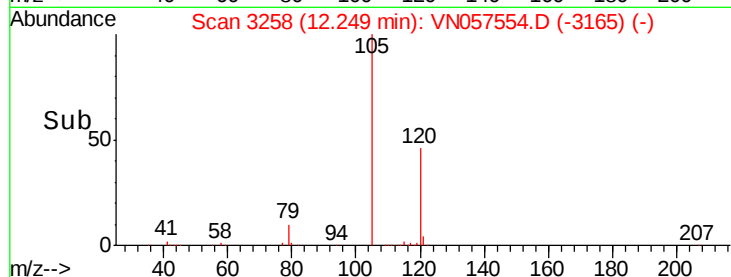
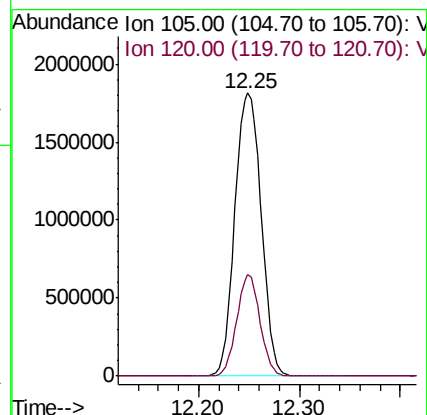
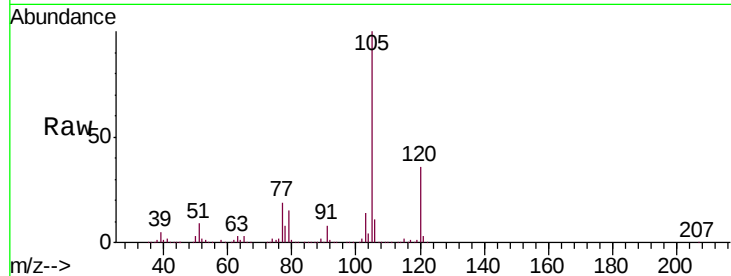
ClientSampleId :

Tot Ion:105 Resp: 3302309

Ion Ratio Lower Upper

105 100

120 31.7 12.7 38.0



#74

N-ethyl acetate

Concen: 42.405 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Tgt Ion: 43 Resp: 907185

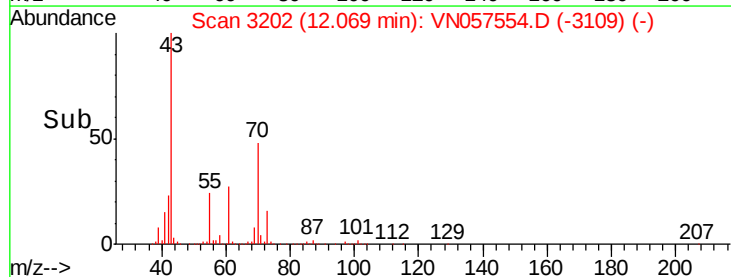
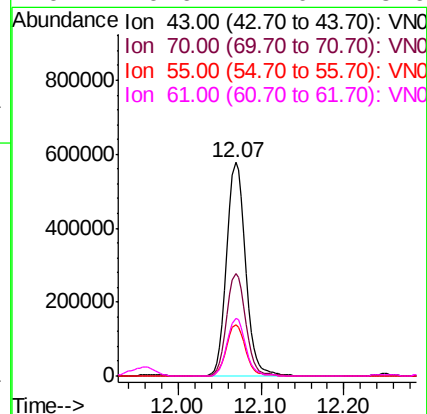
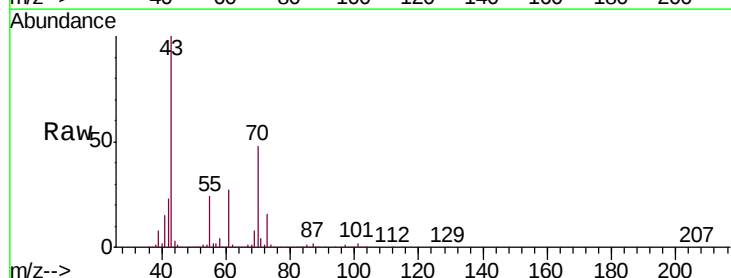
Ion Ratio Lower Upper

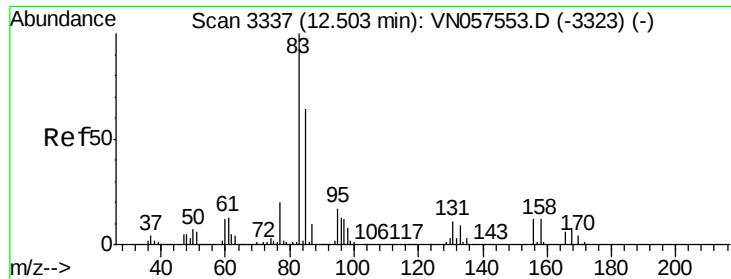
43 100

70 48.7 27.8 41.6#

55 24.2 17.0 25.4

61 26.6 17.0 25.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 60.228 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

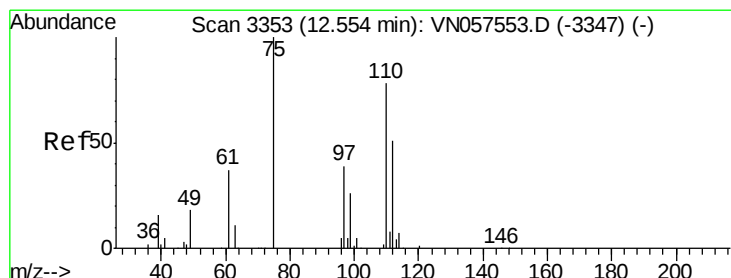
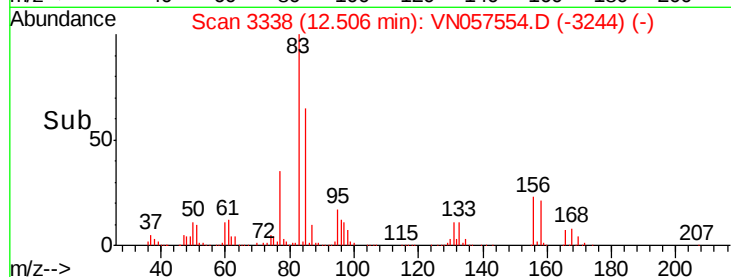
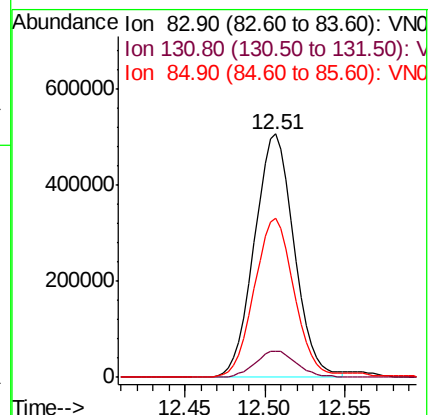
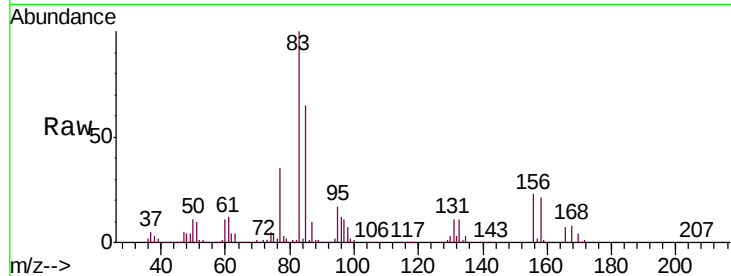
Tot Ion: 83 Resp: 863428

Ion Ratio Lower Upper

83 100

131 11.3 4.3 13.1

85 65.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 98.872 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN057554.D

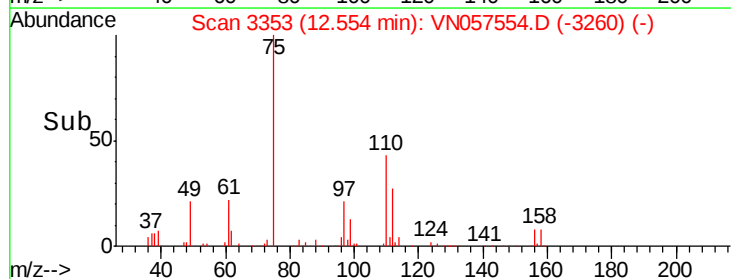
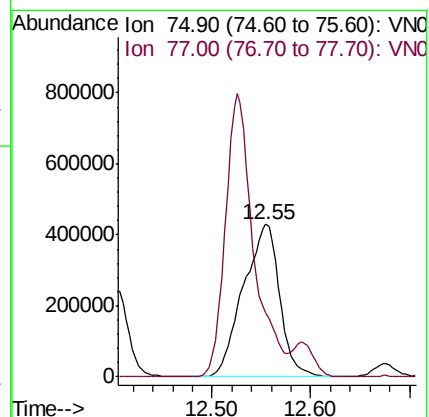
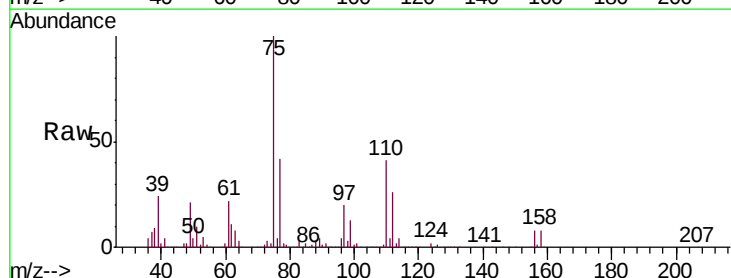
Acq: 29 Aug 2019 17:04

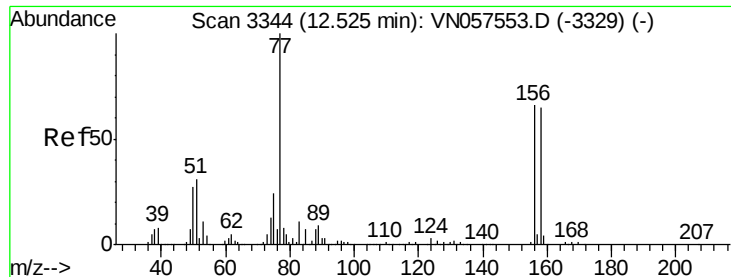
Tgt Ion: 75 Resp: 1095908

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 92.796 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

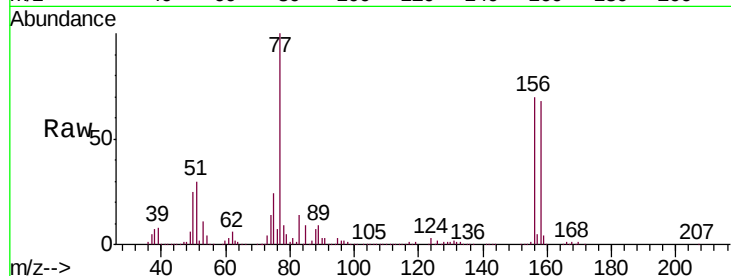
Tot Ion:156 Resp: 942112

Ion Ratio Lower Upper

156 100

77 170.8 124.4 373.3

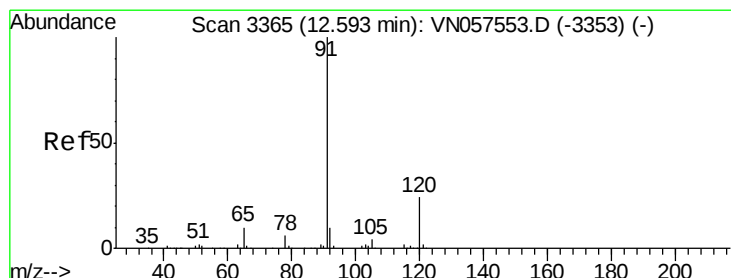
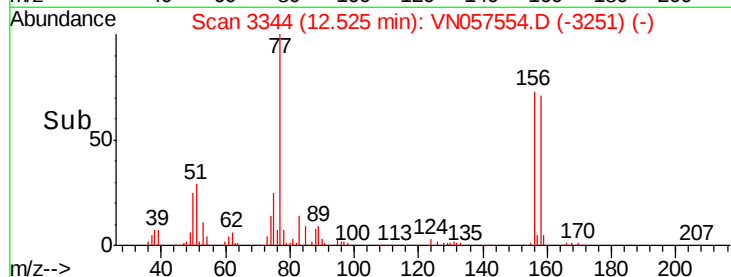
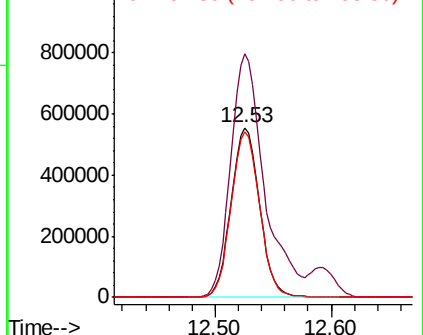
158 97.7 48.3 144.8



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: 64.903 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057554.D

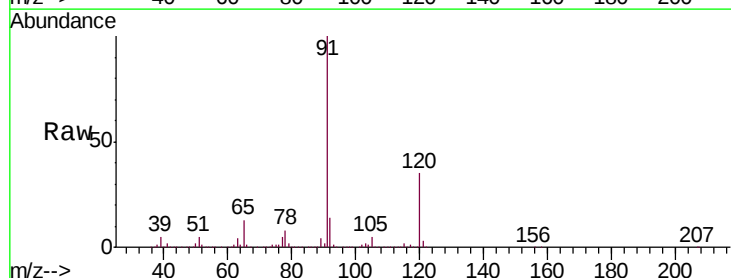
Acq: 29 Aug 2019 17:04

Tgt Ion: 91 Resp: 3415857

Ion Ratio Lower Upper

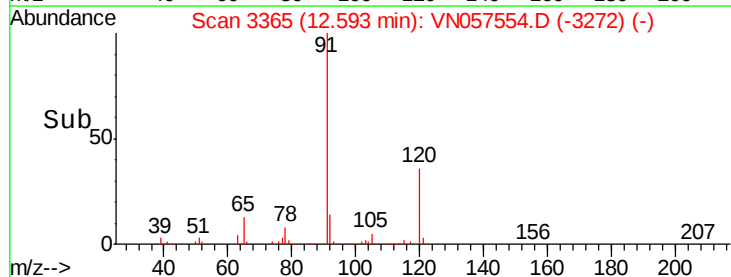
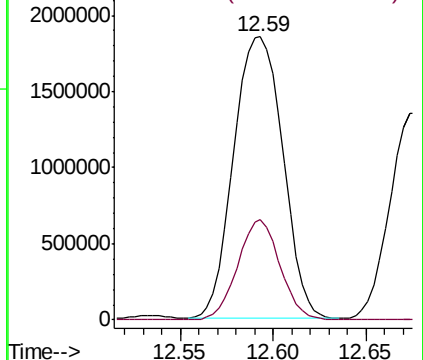
91 100

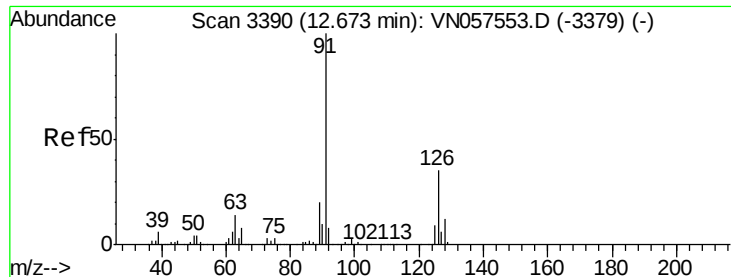
120 30.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 74.586 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

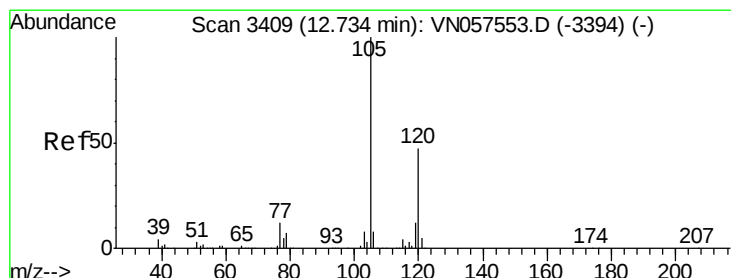
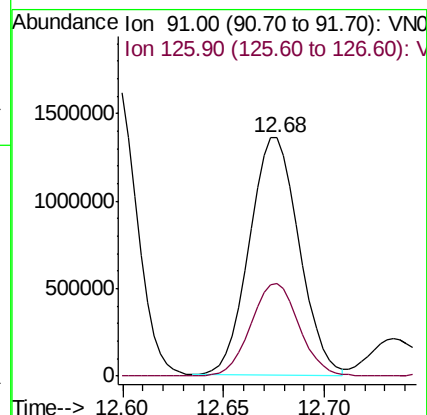
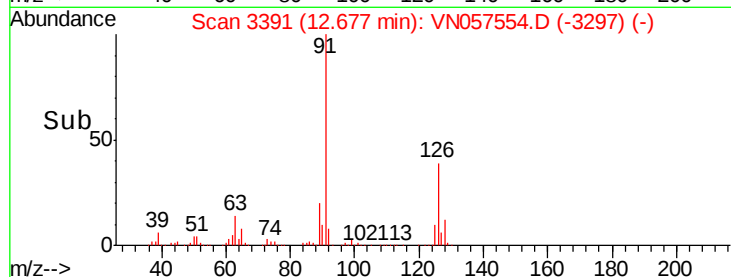
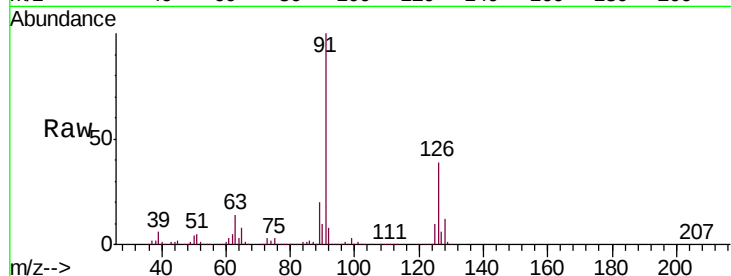
ClientSampled :

Tot Ion: 91 Resp: 2339176

Ion Ratio Lower Upper

91 100

126 38.2 15.3 45.8



#80

1,3,5-Trimethylbenzene

Concen: 74.001 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057554.D

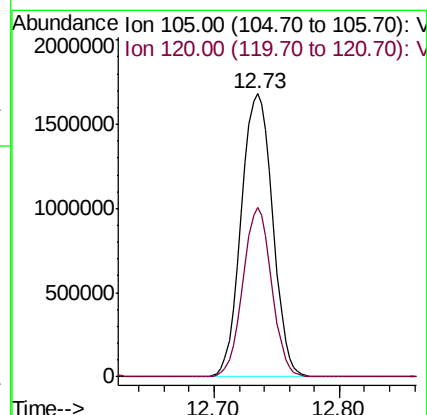
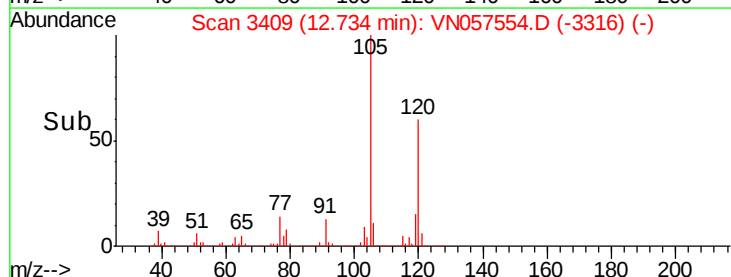
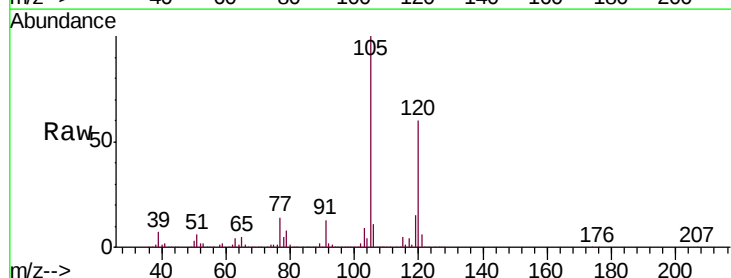
Acq: 29 Aug 2019 17:04

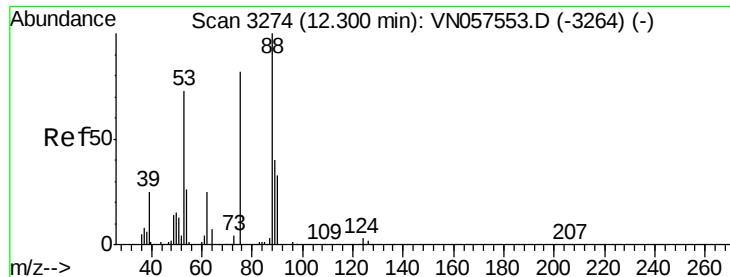
Tgt Ion:105 Resp: 2929757

Ion Ratio Lower Upper

105 100

120 54.8 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 62.585 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

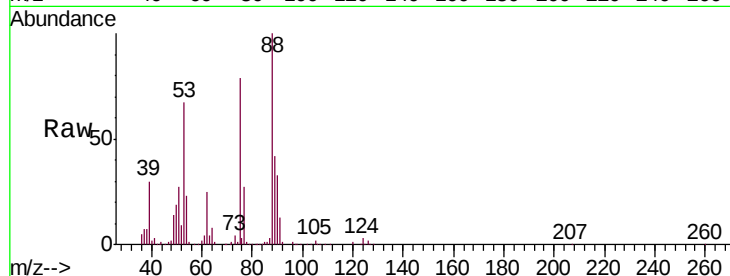
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 263685

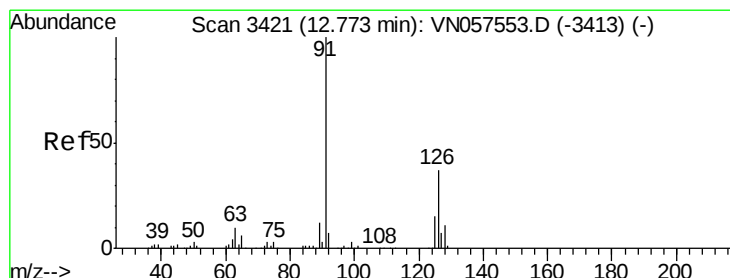
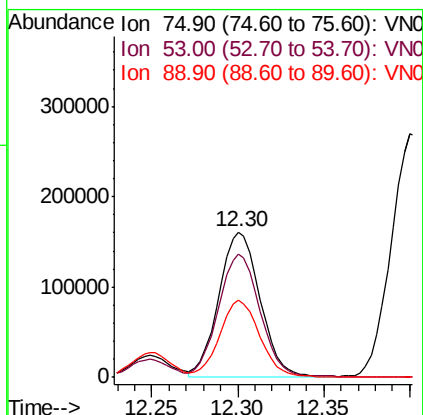
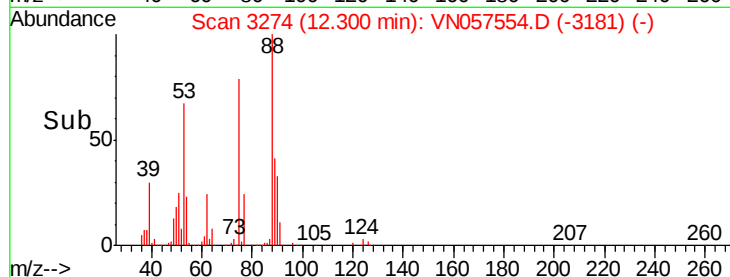
Ion	Ratio	Lower	Upper
75	100		
53	87.5	82.7	124.1
89	53.2	35.8	53.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 79.177 ug/l

RT: 12.77 min Scan# 3421

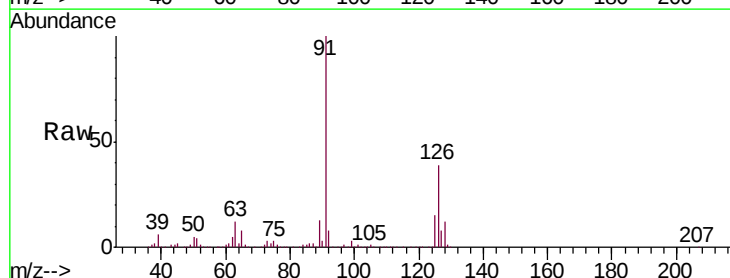
Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

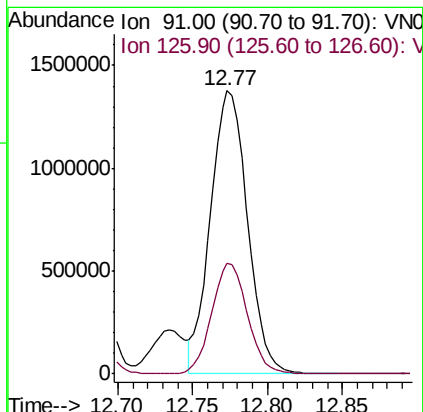
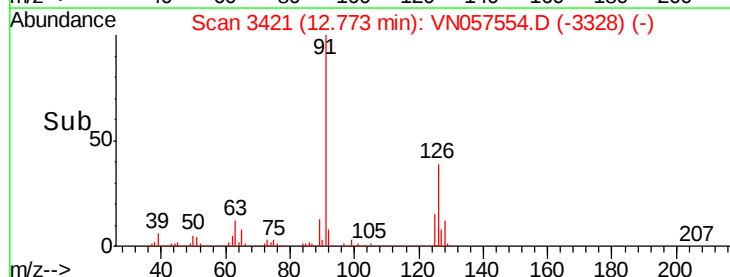
Tgt Ion: 91 Resp: 2373500

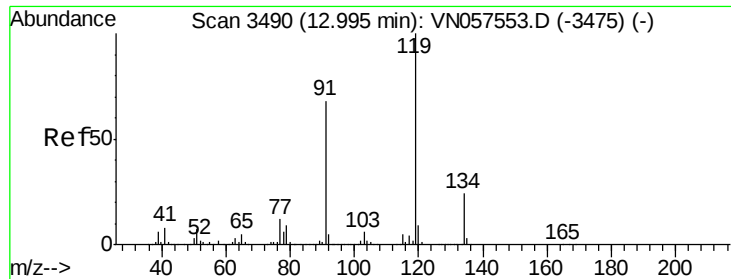
Ion	Ratio	Lower	Upper
91	100		
126	37.8	15.0	45.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

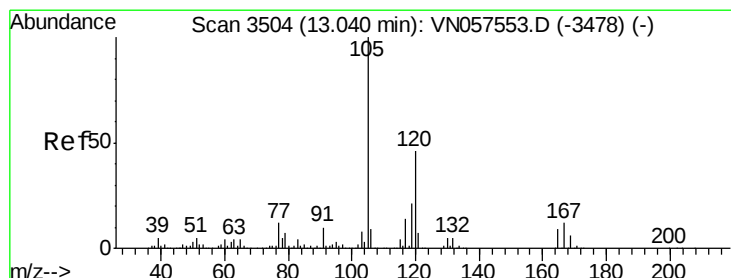
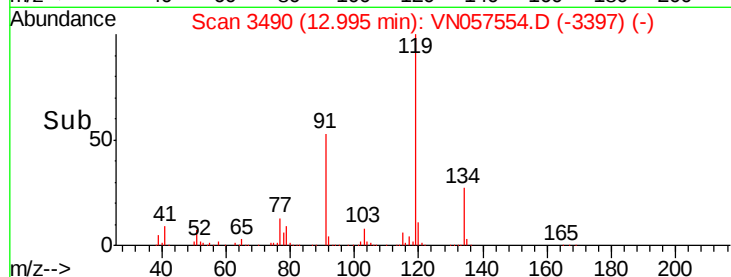
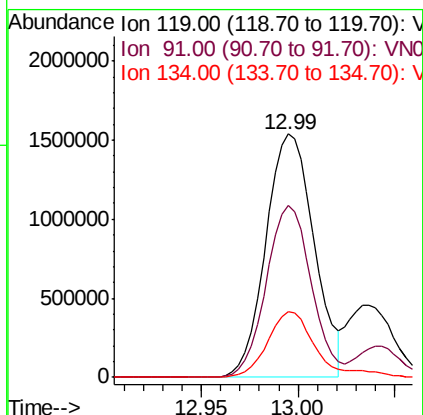
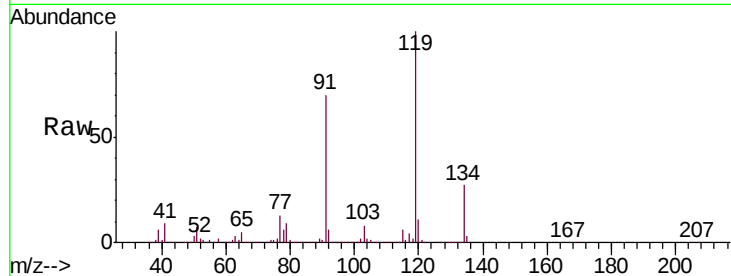




#83
tert-Butylbenzene
Concen: 75.863 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

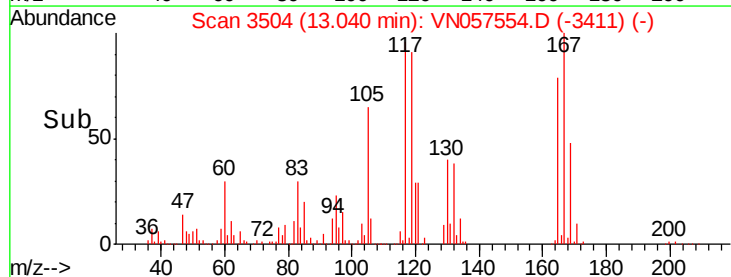
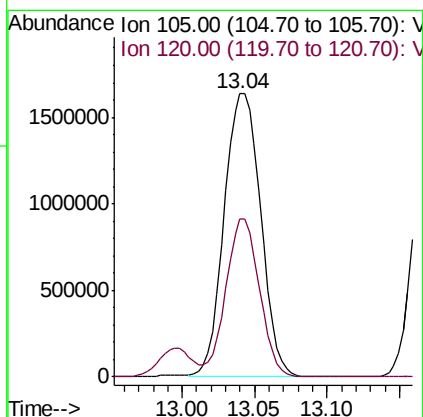
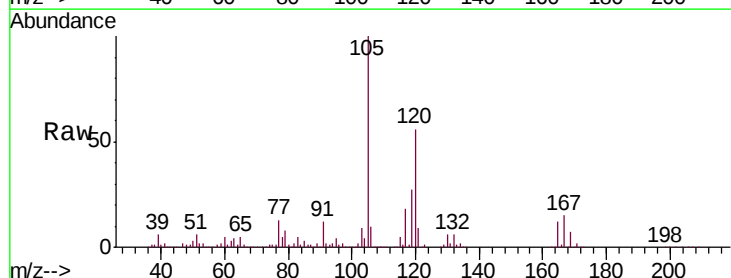
Instrument :
MSVOA_N
ClientSampled :

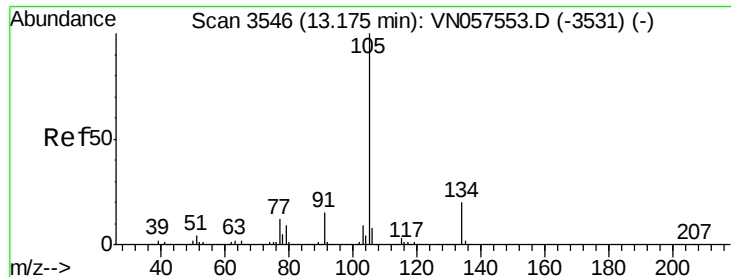
Tot Ion:119 Resp: 2683468
Ion Ratio Lower Upper
119 100
91 66.2 37.0 111.0
134 27.0 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 81.564 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion:105 Resp: 2864802
Ion Ratio Lower Upper
105 100
120 51.1 21.9 65.7





#85

sec-Butylbenzene

Concen: 73.885 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

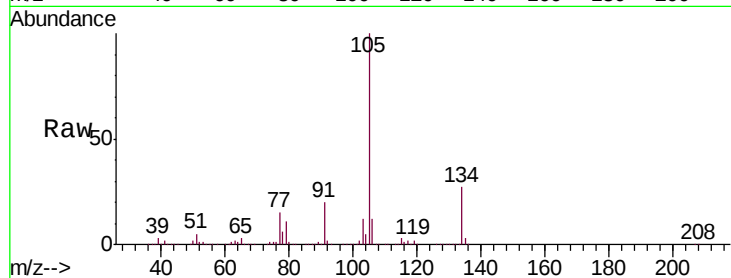
ClientSampleId :

Tot Ion:105 Resp: 3185417

Ion Ratio Lower Upper

105 100

134 24.0 9.3 27.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

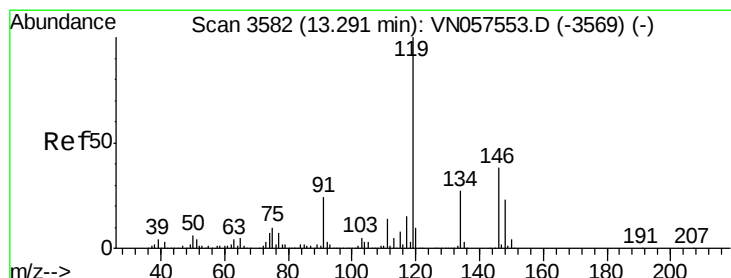
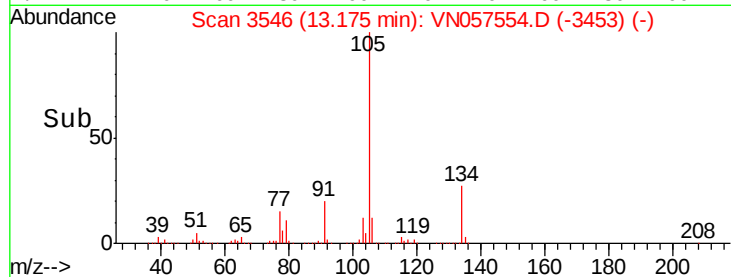
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 84.964 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

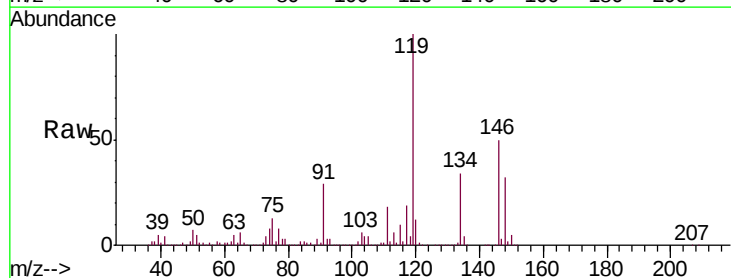
Tgt Ion:119 Resp: 3023239

Ion Ratio Lower Upper

119 100

134 30.2 12.7 38.1

91 25.8 13.9 41.6



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

13.29

2000000

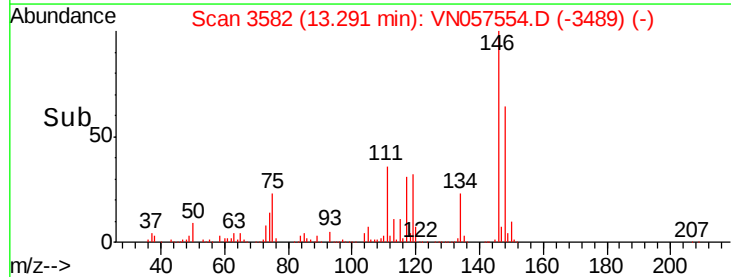
1500000

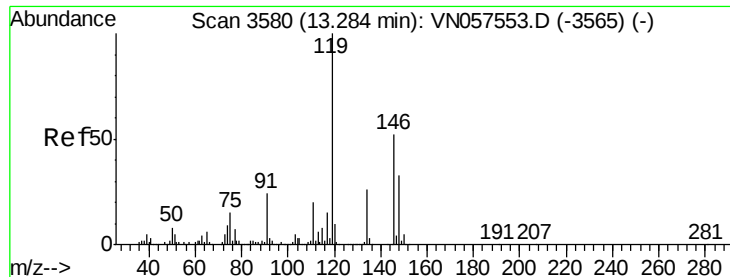
1000000

500000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 109.919 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

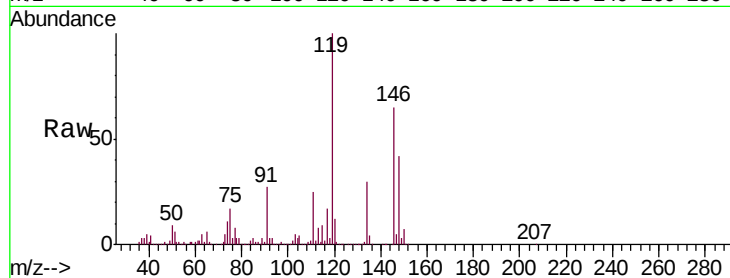
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146 Resp: 1640013

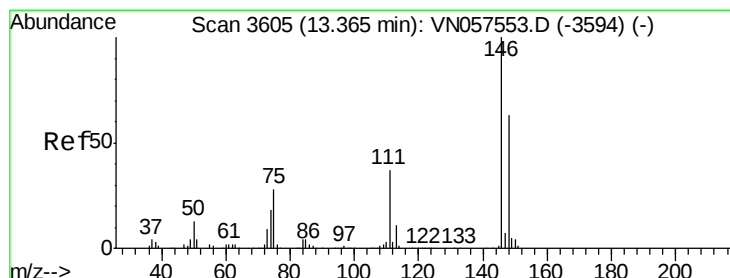
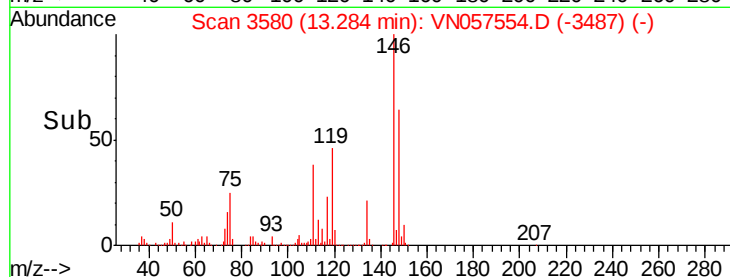
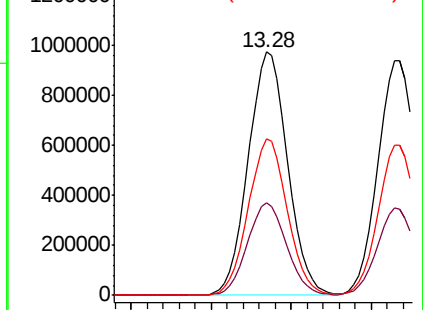
Ion	Ratio	Lower	Upper
146	100		
111	37.8	22.1	66.1
148	63.9	31.9	95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 109.850 ug/l

RT: 13.37 min Scan# 3606

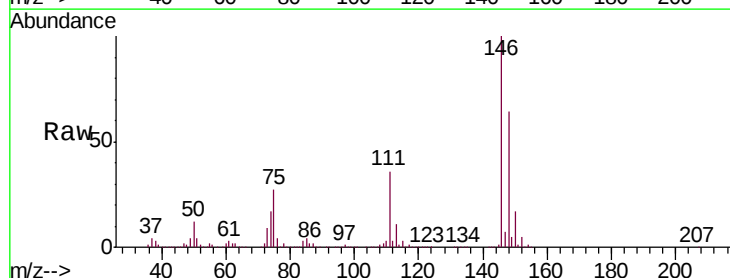
Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Tgt Ion:146 Resp: 1597785

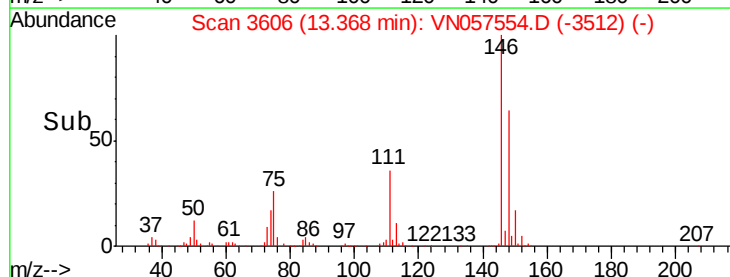
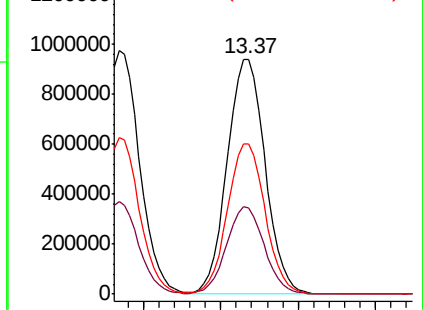
Ion	Ratio	Lower	Upper
146	100		
111	36.8	21.9	65.5
148	63.6	31.1	93.2

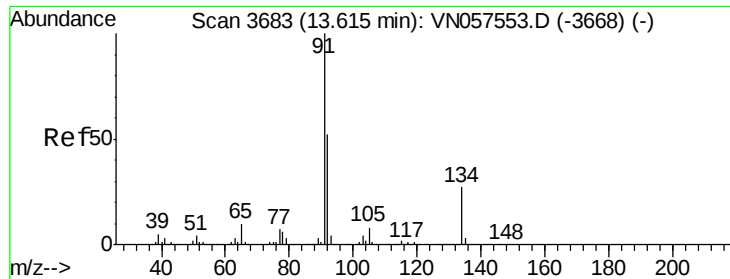


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

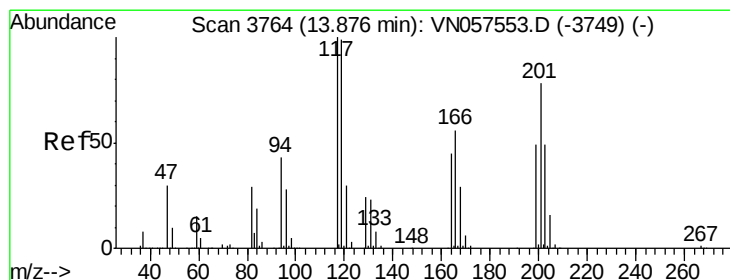
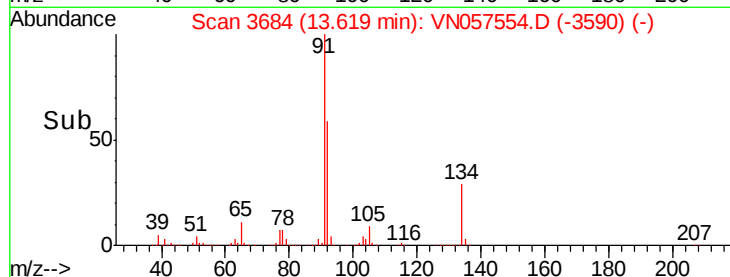
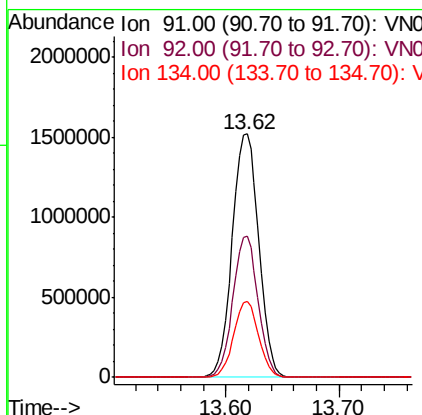
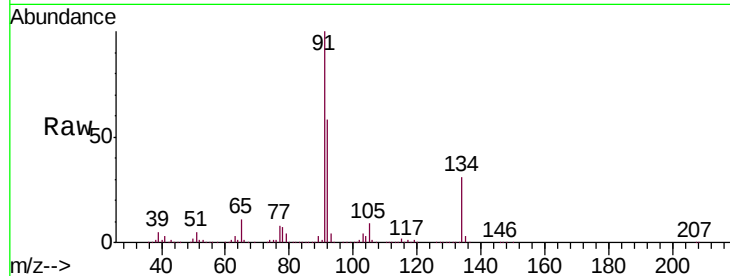




#89
n-Butylbenzene
Concen: 84.164 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

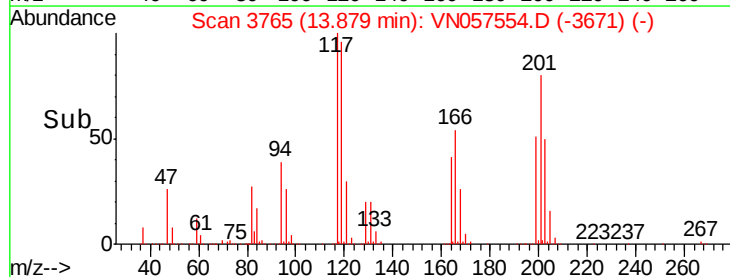
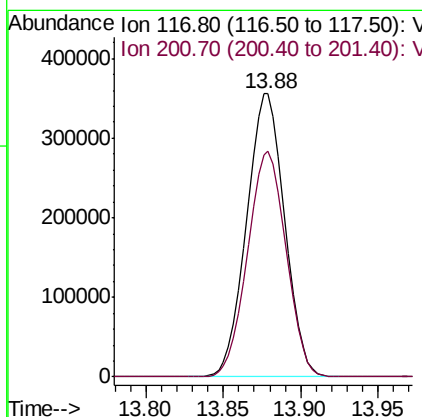
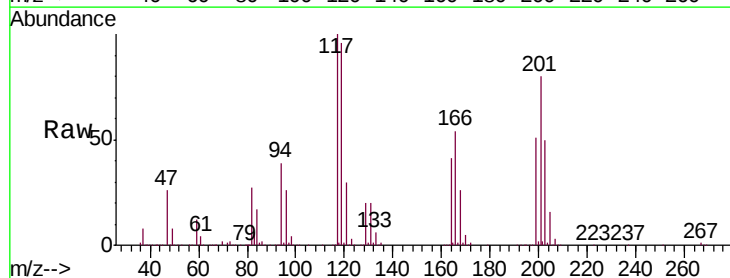
Instrument :
MSVOA_N
ClientSampled :

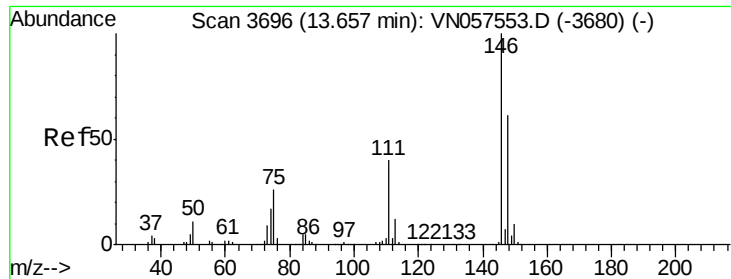
Tot Ion: 91 Resp: 2480629
Ion Ratio Lower Upper
91 100
92 55.0 25.7 77.0
134 29.5 11.4 34.1



#90
Hexachloroethane
Concen: 75.718 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057554.D
Acq: 29 Aug 2019 17:04

Tgt Ion: 117 Resp: 610270
Ion Ratio Lower Upper
117 100
201 80.6 33.1 99.3





#91

1,2-Dichlorobenzene

Concen: 108.932 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Instrument :

MSVOA_N

ClientSampleId :

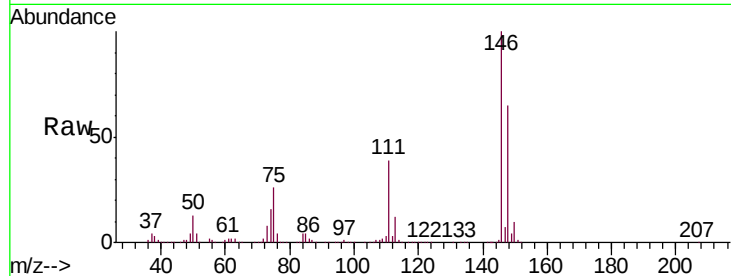
Tot Ion:146 Resp: 1550093

Ion Ratio Lower Upper

146 100

111 38.6 23.1 69.2

148 63.8 31.8 95.4

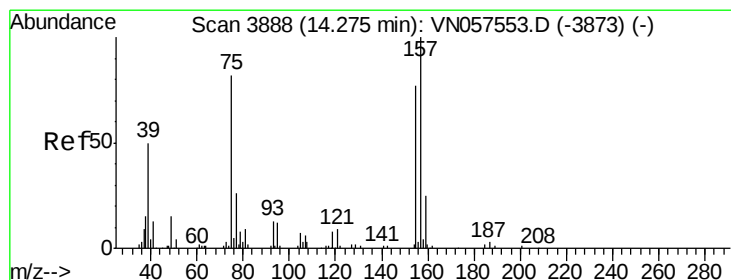
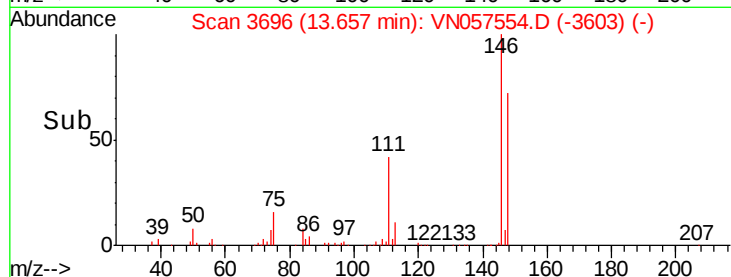
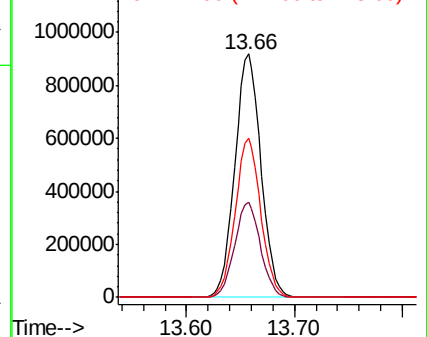


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 65.028 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

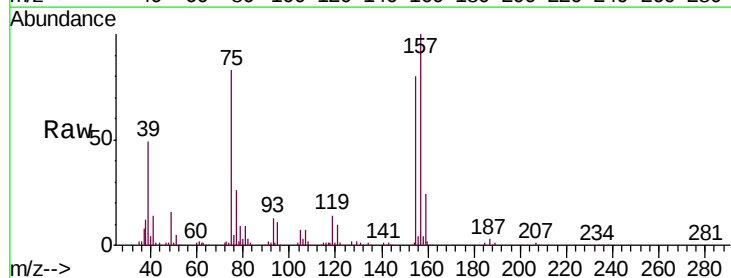
Tgt Ion: 75 Resp: 150056

Ion Ratio Lower Upper

75 100

155 97.5 31.6 94.7#

157 121.5 43.3 129.8

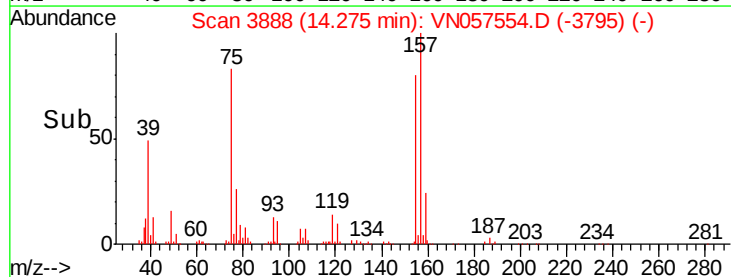
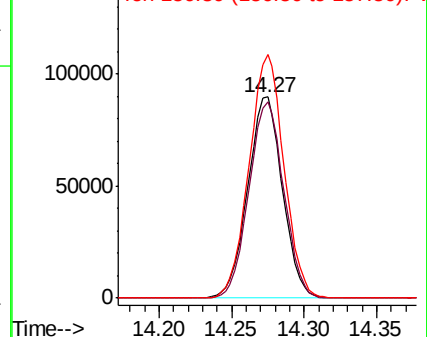


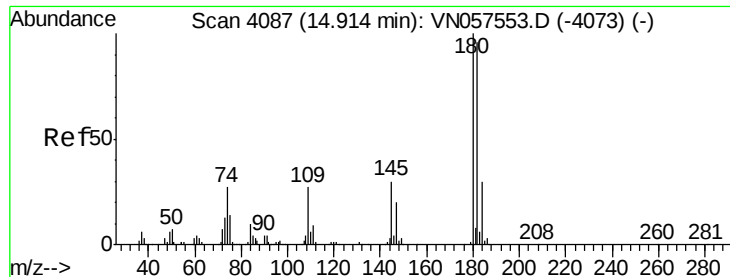
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

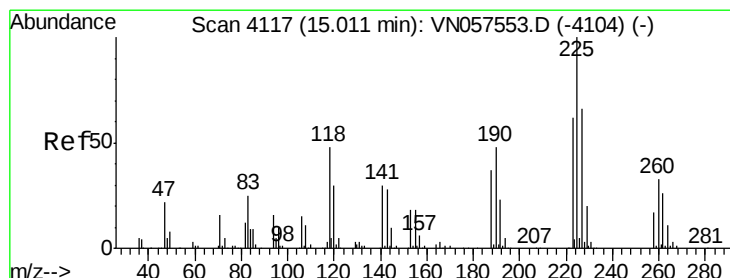
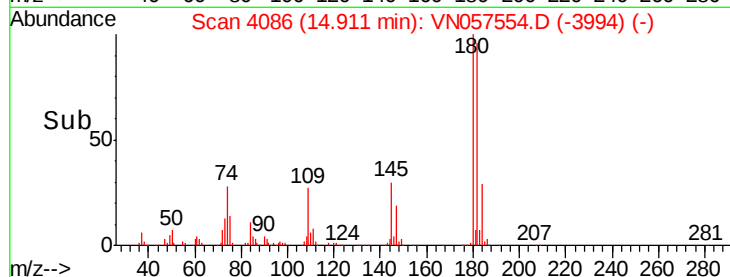
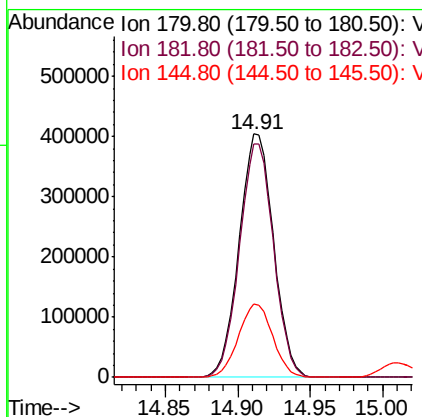
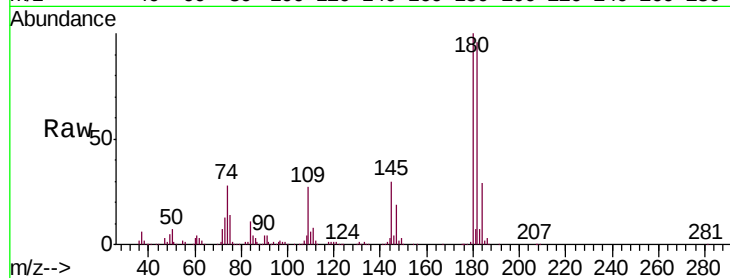




#93
 1,2,4-Trichlorobenzene
 Concen: 127.990 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

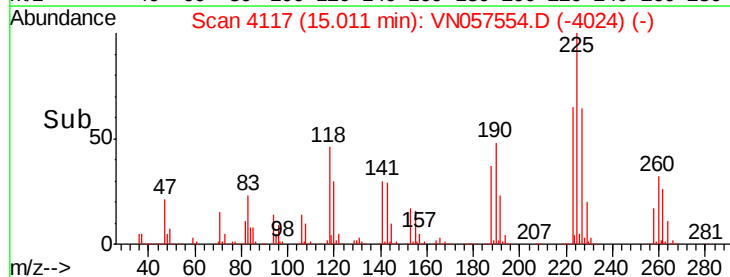
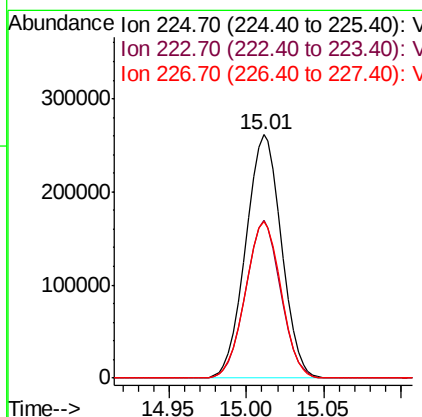
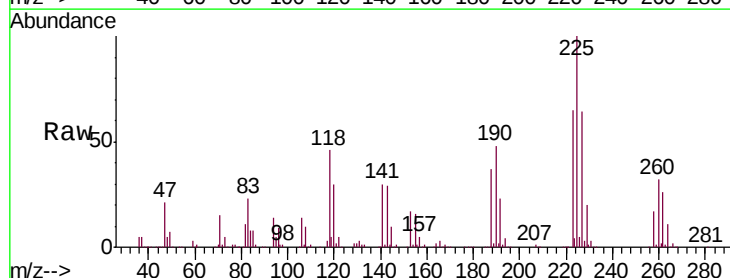
Instrument :
 MSVOA_N
 ClientSampled :

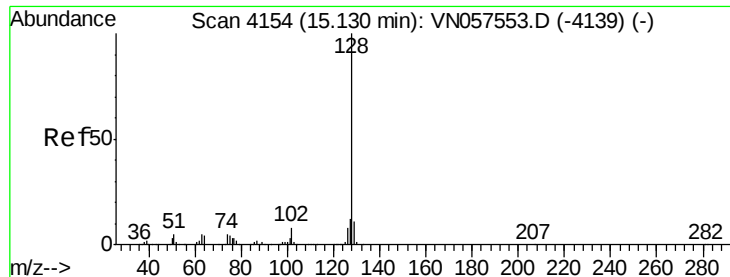
Tot Ion:180 Resp: 666167
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.7 140.1
 145 30.1 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 94.658 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057554.D
 Acq: 29 Aug 2019 17:04

Tgt Ion:225 Resp: 420014
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.0 96.2
 227 64.4 31.5 94.5





#95

Naphthalene

Concen: 112.410 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

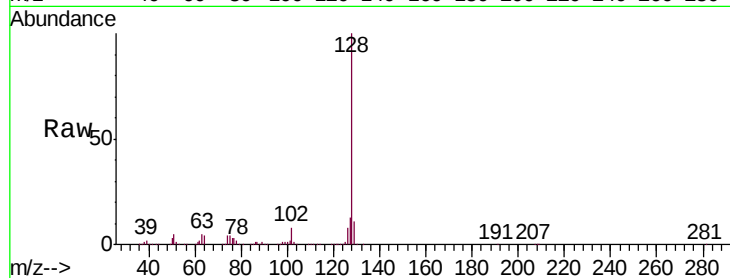
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 1896387

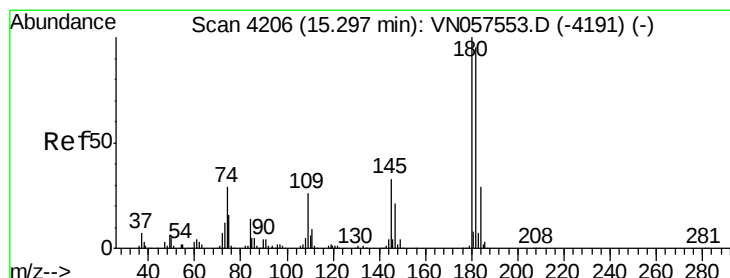
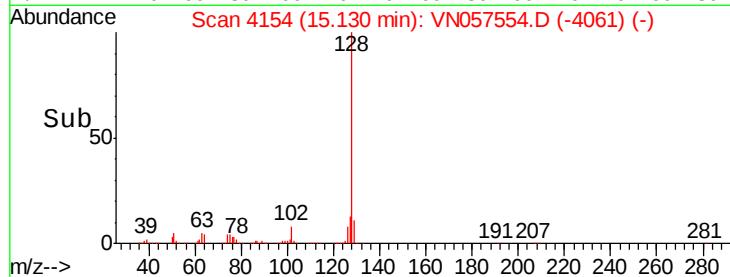
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 121.660 ug/l

RT: 15.30 min Scan# 4206

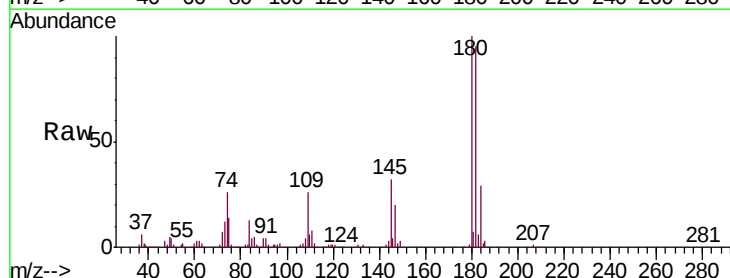
Delta R.T. 0.00 min

Lab File: VN057554.D

Acq: 29 Aug 2019 17:04

Tgt Ion:180 Resp: 656064

Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.7	140.1
145	32.3	16.8	50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

