

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072419\
 Data File : VN056900.D
 Acq On : 24 Jul 2019 1:55
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 24 03:51:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 24 03:39:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	59166	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	313841	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	274517	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	115734	29.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.63%
60) 4-Bromofluorobenzene	12.40	95	119971	29.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.20%
63) Toluene-d8	10.09	98	394737	30.44	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	71706	20.271	ug/l 96
3) Chloromethane	2.06	50	89732	20.787	ug/l 99
4) Vinyl Chloride	2.19	62	84273	20.249	ug/l 99
5) Bromomethane	2.56	94	52807	20.666	ug/l 95
6) Chloroethane	2.71	64	46539	20.160	ug/l 99
7) Trichlorofluoromethane	3.02	101	101464	20.020	ug/l 98
8) Diethyl Ether	3.41	74	37580	19.899	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	63480	19.944	ug/l 98
10) 1,1-Dichloroethene	3.73	96	63682	20.161	ug/l 97
11) Methyl Iodide	3.95	142	92378	19.768	ug/l 98
12) Methyl Acetate	4.33	43	67083	17.354	ug/l 96
13) Acrolein	3.60	56	41143	94.042	ug/l 97
14) Acrylonitrile	4.99	53	145133	97.351	ug/l 92
15) Acetone	3.82	58	38287	99.336	ug/l 92
16) Carbon Disulfide	4.04	76	166436	19.541	ug/l 98
17) Allyl chloride	4.32	41	101041	19.116	ug/l 99
18) Methylene Chloride	4.55	84	74169	20.175	ug/l 98
19) trans-1,2-Dichloroethene	5.04	96	67145	20.086	ug/l 97
20) Diisopropyl ether	5.96	45	218894	20.397	ug/l 96
21) 1,1-Dichloroethane	5.85	63	126068	20.214	ug/l 99
22) cis-1,2-Dichloroethene	6.82	96	78382	20.231	ug/l 97
23) tert-Butyl Alcohol	4.81	59	53679	107.895	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	186099	19.487	ug/l 98
25) Chloroform	7.37	83	120515	19.808	ug/l 100
26) Cyclohexane	7.65	56	112972	19.719	ug/l # 100
29) 1,1-Dichloropropene	7.79	75	91334	20.507	ug/l 98
30) 2-Butanone	6.84	43	175109	97.863	ug/l 100
31) 2,2-Dichloropropane	6.82	77	69724	16.870	ug/l 98
32) 1,1,1-Trichloroethane	7.57	97	99629	20.359	ug/l 100
33) Carbon Tetrachloride	7.77	117	83880	19.639	ug/l 96
34) Benzene	8.04	78	285818	20.367	ug/l 98
35) Methacrylonitrile	7.17	41	29066	16.266	ug/l 98
36) 1,2-Dichloroethane	8.12	62	90105	20.654	ug/l 100
37) Trichloroethene	8.83	130	75595	20.093	ug/l 99
38) Methylcyclohexane	9.08	83	110393	19.485	ug/l 98
39) 1,2-Dichloropropane	9.12	63	75738	20.219	ug/l 100
40) Dibromomethane	9.21	93	46502	20.237	ug/l 100

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

41) Bromodichloromethane	9.40	83	87183	19.744	ug/l	99
42) Vinyl Acetate	5.90	43	785332	98.555	ug/l	100
43) Ethyl Acetate	6.93	43	73757	20.107	ug/l	98
44) Isopropyl Acetate	8.17	43	119984	19.623	ug/l #	87
45) 1,4-Dioxane	9.20	88	23695	407.068	ug/l	97
46) Methyl methacrylate	9.20	41	59487	19.502	ug/l	97
47) n-amyl Acetate	12.07	43	92095	18.815	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	85493	18.606	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	101923	19.035	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	68204	20.673	ug/l	98
51) Ethyl methacrylate	10.43	69	91882	19.254	ug/l	98
52) 1,3-Dichloropropane	10.71	76	111743	20.069	ug/l	100
53) Dibromochloromethane	10.90	129	66291	19.330	ug/l	99
54) 1,2-Dibromoethane	11.00	107	68118	20.238	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	191209	92.518	ug/l	98
56) Bromoform	12.13	173	44970	18.953	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	367211	99.680	ug/l	99
59) 2-Hexanone	10.75	43	248227	98.884	ug/l	100
61) Tetrachloroethene	10.63	164	79233	20.594	ug/l	99
62) Toluene	10.15	91	302997	20.294	ug/l	100
64) Chlorobenzene	11.43	112	181104	20.138	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	67990	19.960	ug/l	98
66) Ethyl Benzene	11.51	91	313599	19.933	ug/l	99
67) m/p-Xylenes	11.62	106	236670	40.340	ug/l	100
68) o-Xylene	11.95	106	116592	20.213	ug/l	99
69) Styrene	11.96	104	184724	19.762	ug/l	100
70) Isopropylbenzene	12.25	105	306973	20.212	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	85842	20.179	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	98205	26.238	ug/l	68
73) Bromobenzene	12.52	156	77117	19.677	ug/l	99
74) n-propylbenzene	12.59	91	328591	19.787	ug/l	100
75) 2-Chlorotoluene	12.67	91	205493	20.410	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	260157	20.347	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	19757	16.812	ug/l	95
78) 4-Chlorotoluene	12.77	91	186308	19.467	ug/l	100
79) tert-butylbenzene	12.99	119	221880	20.110	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	251519	20.179	ug/l	100
81) sec-Butylbenzene	13.17	105	285281	19.804	ug/l	100
82) p-Isopropyltoluene	13.29	119	254491	19.671	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	117764	19.084	ug/l	100
84) 1,4-Dichlorobenzene	13.36	146	109341	18.741	ug/l	98
85) n-Butylbenzene	13.61	91	185000	18.211	ug/l	99
86) Hexachloroethane	13.87	117	42141	19.464	ug/l	95
87) 1,2-Dichlorobenzene	13.65	146	123478	20.146	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	12067	18.336	ug/l	92
89) 1,2,4-Trichlorobenzene	14.90	180	48740	19.564	ug/l	99
90) Hexachlorobutadiene	15.00	225	44869	19.916	ug/l	98
91) Naphthalene	15.13	128	122012	18.937	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	57220	17.659	ug/l	99

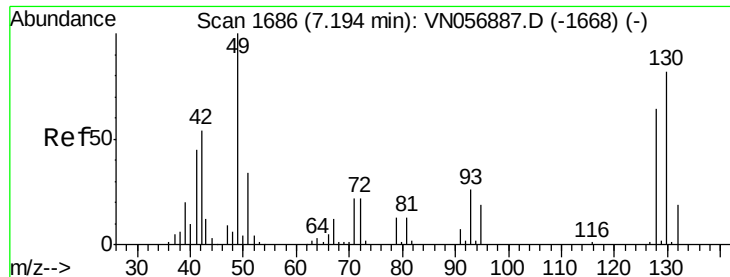
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

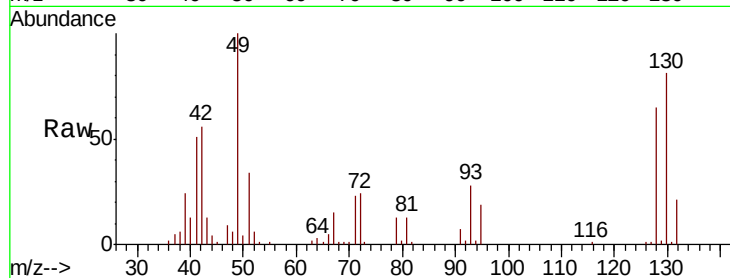
Tot Ion:128 Resp: 59166

Ion Ratio Lower Upper

128 100

49 155.3 0.0 385.8

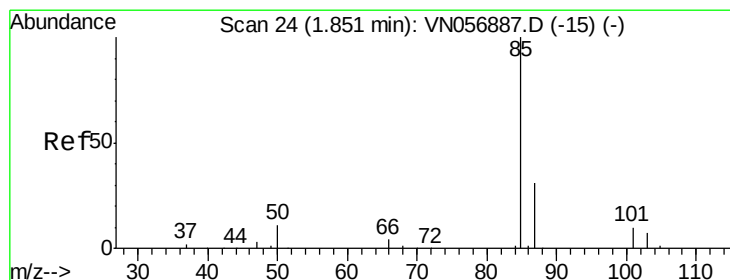
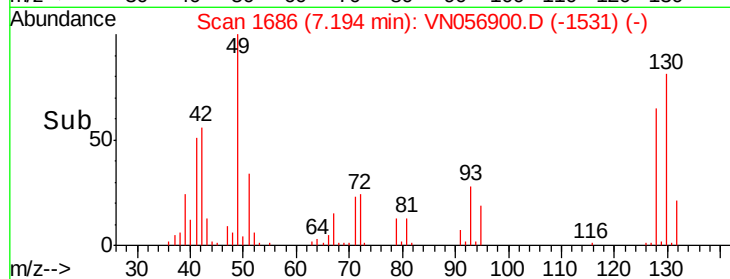
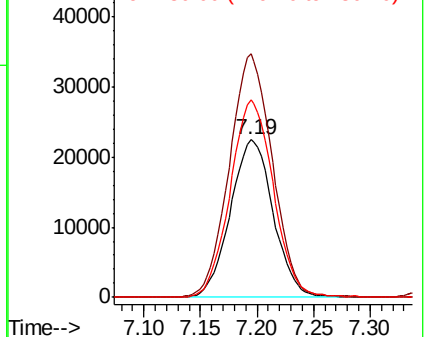
130 126.2 0.0 322.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.271 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN056900.D

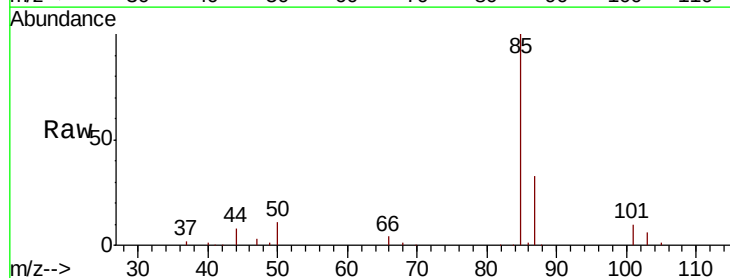
Acq: 24 Jul 2019 1:55

Tgt Ion: 85 Resp: 71706

Ion Ratio Lower Upper

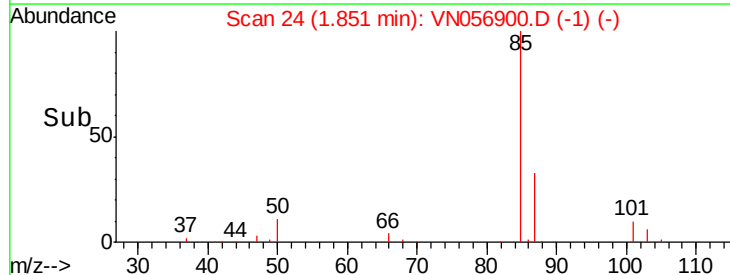
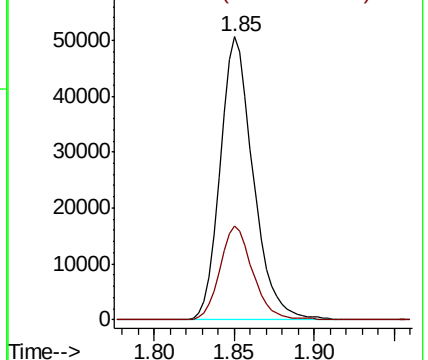
85 100

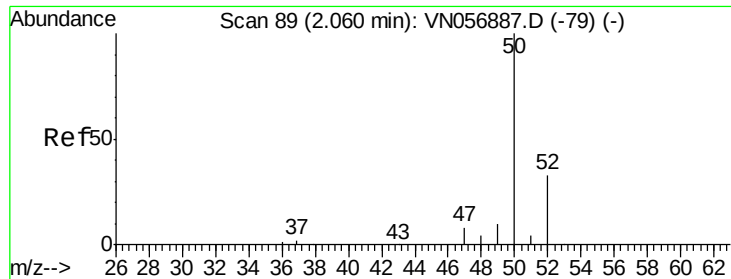
87 33.3 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 20.787 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

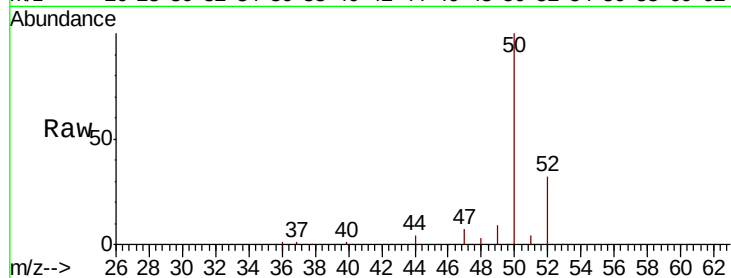
ClientSampleId :

Tot Ion: 50 Resp: 89732

Ion Ratio Lower Upper

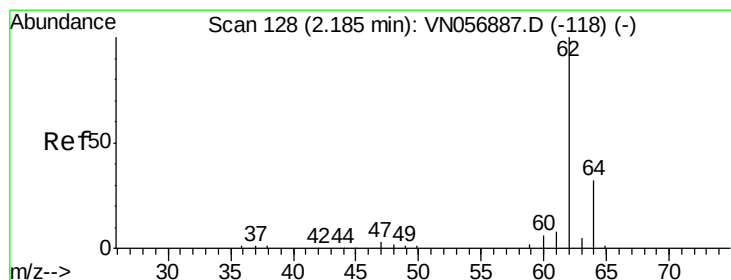
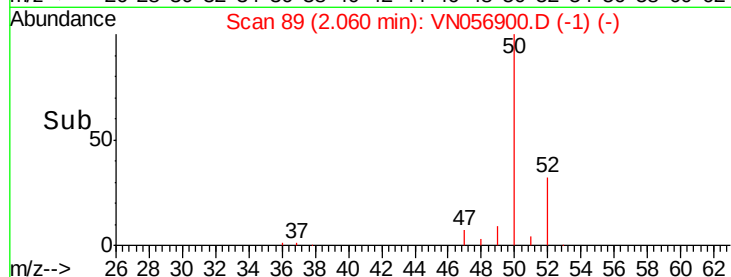
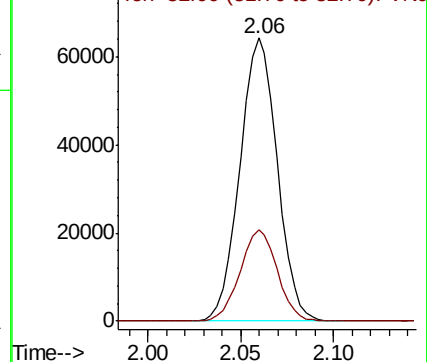
50 100

52 32.3 26.2 39.2



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.249 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN056900.D

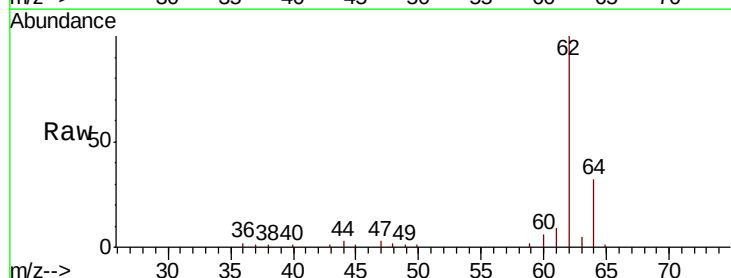
Acq: 24 Jul 2019 1:55

Tgt Ion: 62 Resp: 84273

Ion Ratio Lower Upper

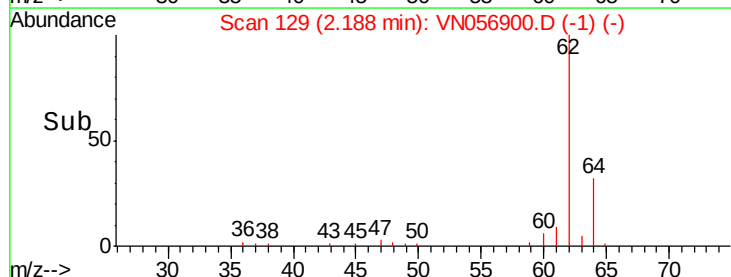
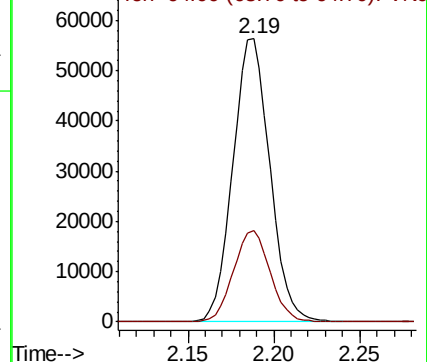
62 100

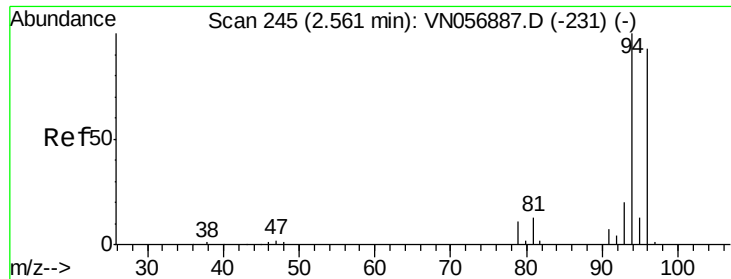
64 32.1 25.4 38.0



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

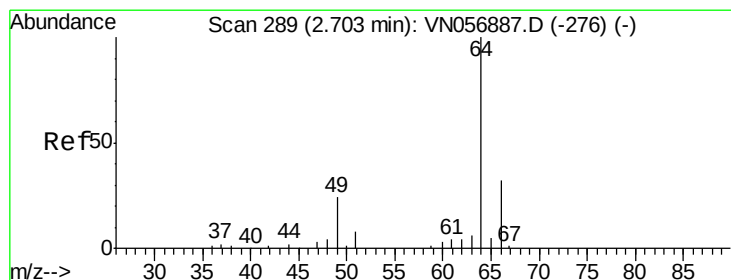
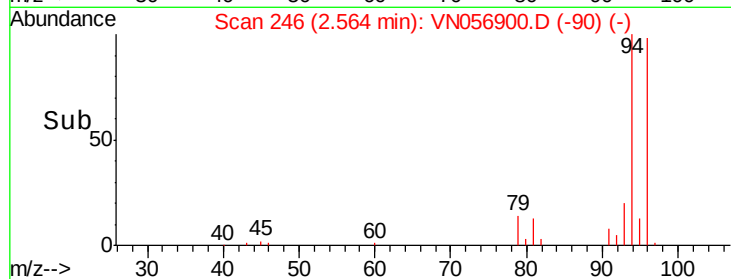
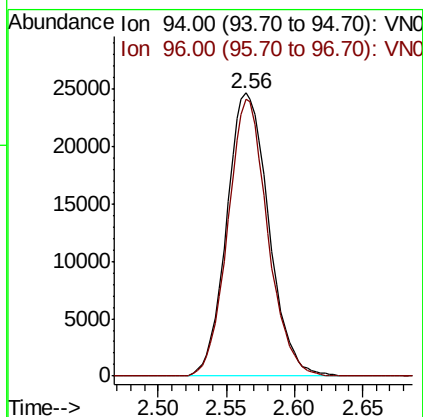
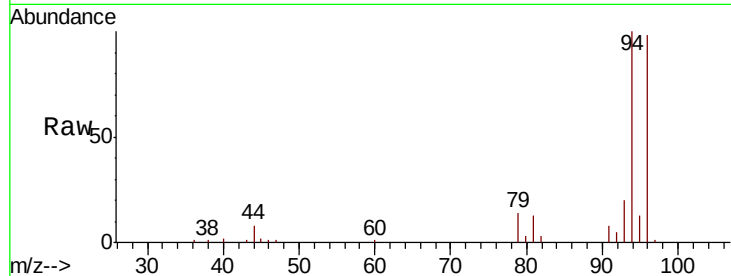




#5
Bromomethane
Concen: 20.666 ug/l
RT: 2.56 min Scan# 246
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

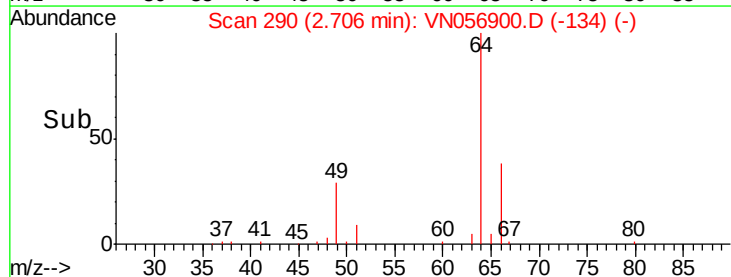
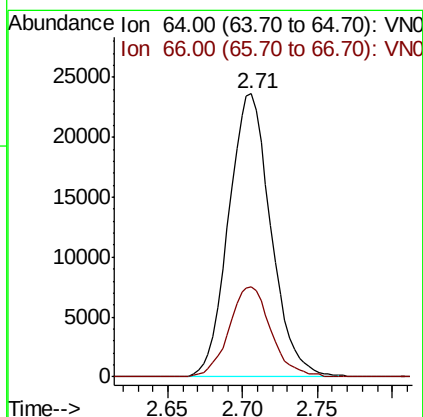
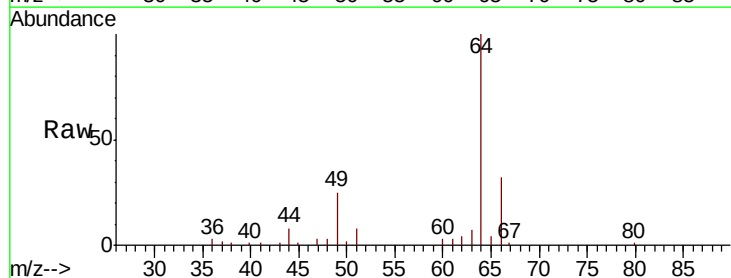
Instrument :
MSVOA_N
ClientSampled :

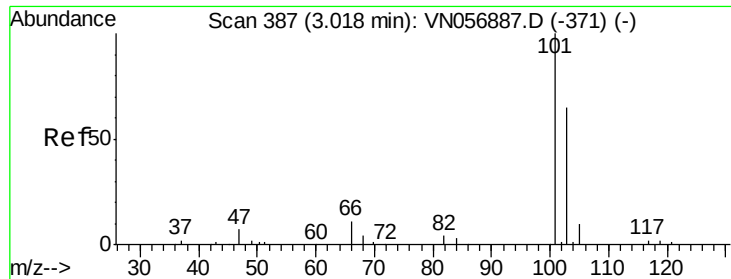
Tot Ion: 94 Resp: 52807
Ion Ratio Lower Upper
94 100
96 97.8 74.7 112.1



#6
Chloroethane
Concen: 20.160 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 64 Resp: 46539
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.8



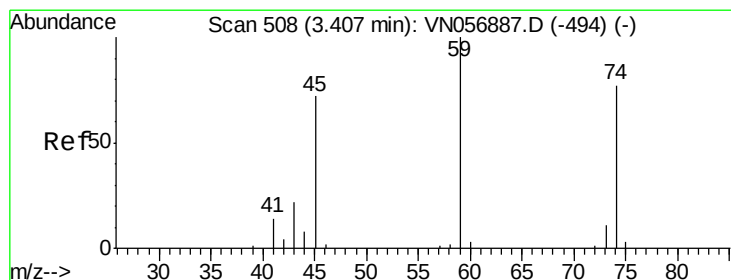
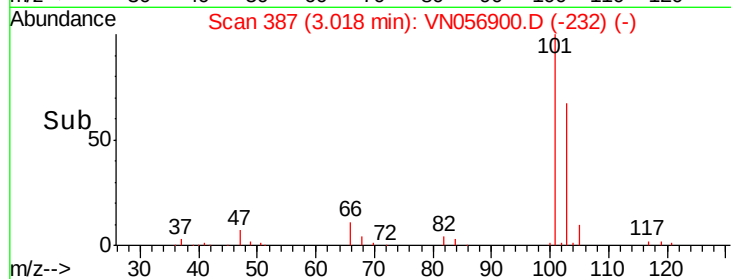
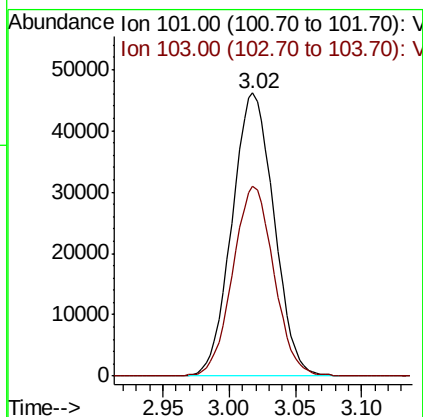
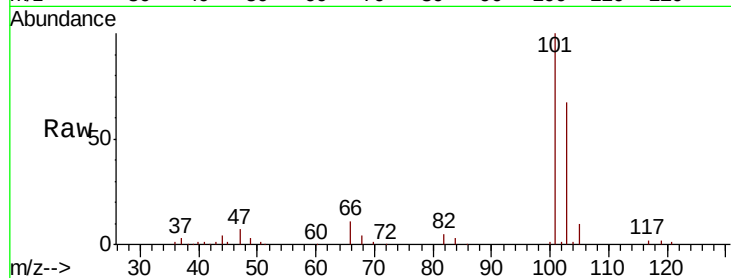


#7

Trichlorofluoromethane
 Concen: 20.020 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
 MSVOA_N
 ClientSampled :

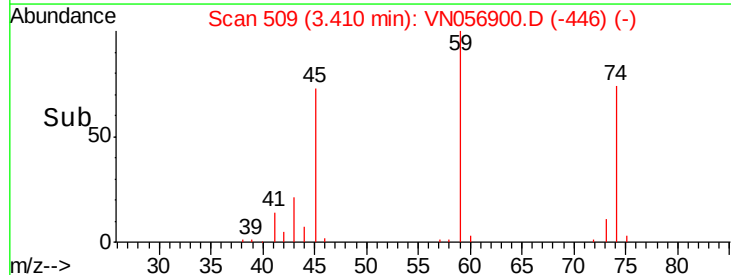
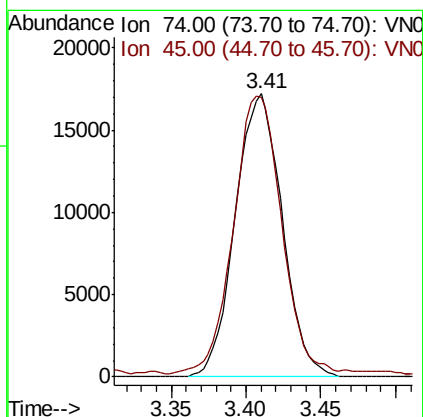
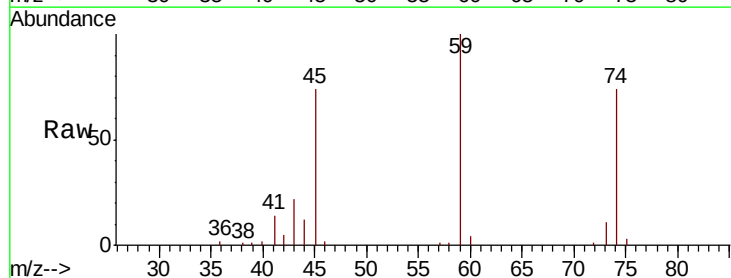
Tot Ion:101 Resp: 101464
 Ion Ratio Lower Upper
 101 100
 103 67.1 52.2 78.4

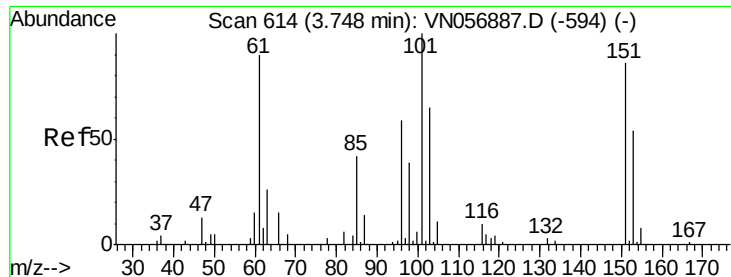


#8

Diethyl Ether
 Concen: 19.899 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 74 Resp: 37580
 Ion Ratio Lower Upper
 74 100
 45 100.0 19.5 175.7

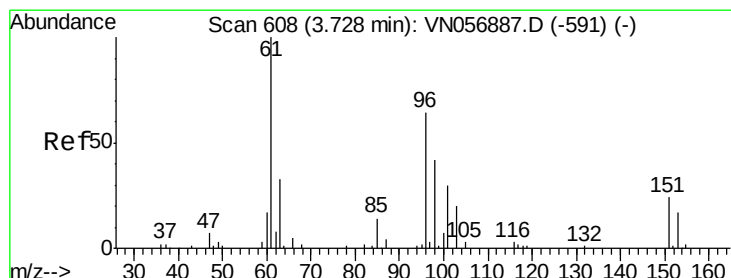
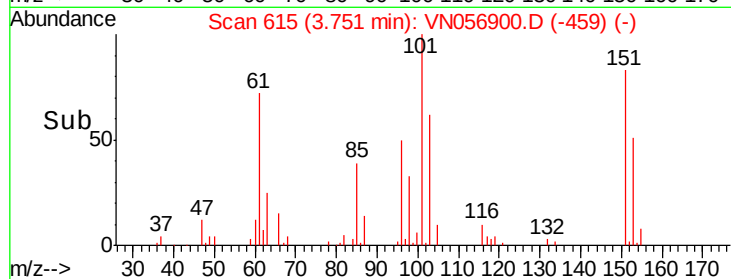
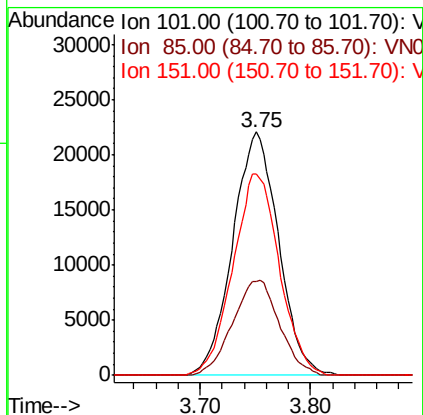
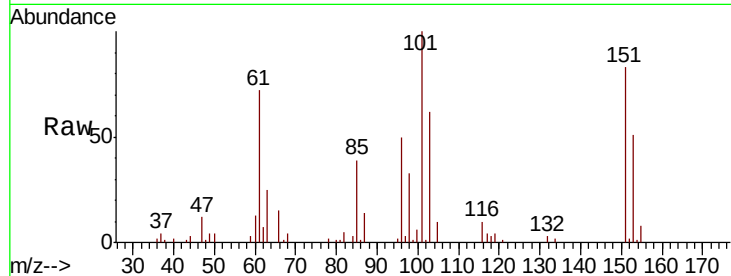




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.944 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

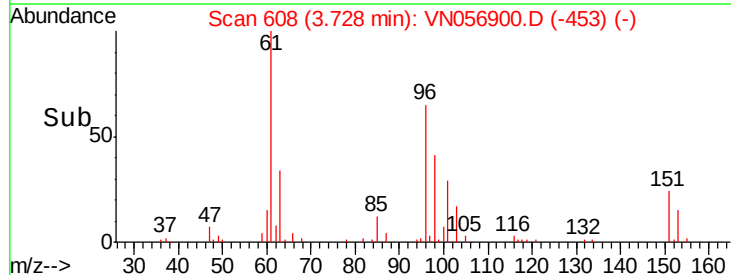
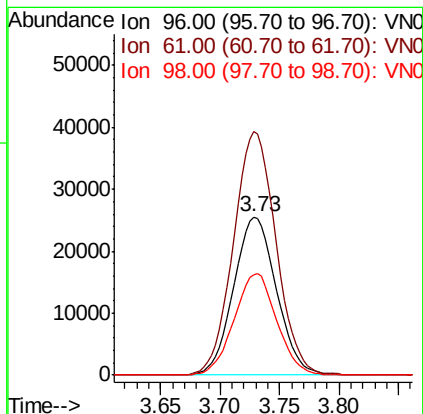
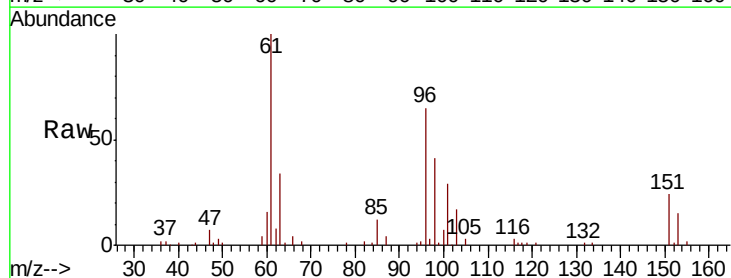
Instrument :
 MSVOA_N
 ClientSampled :

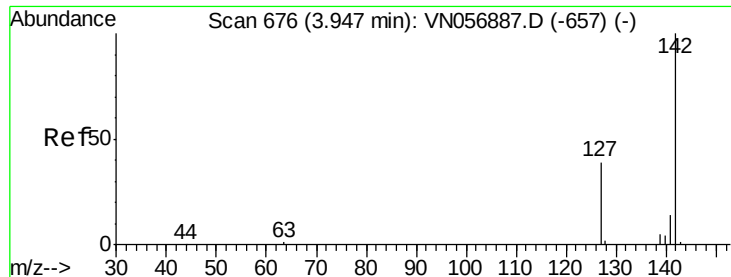
Tot Ion:101 Resp: 63480
 Ion Ratio Lower Upper
 101 100
 85 40.0 0.0 85.0
 151 83.8 0.0 167.2



#10
 1,1-Dichloroethene
 Concen: 20.161 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 96 Resp: 63682
 Ion Ratio Lower Upper
 96 100
 61 153.9 125.8 188.8
 98 63.6 52.7 79.1

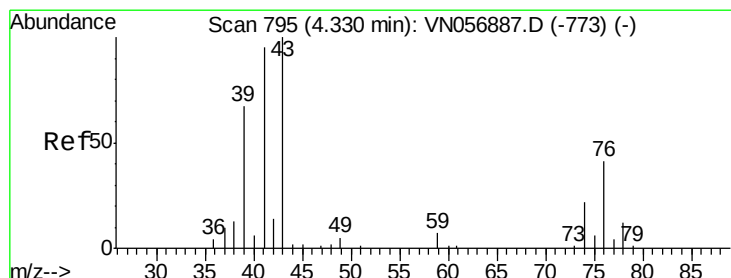
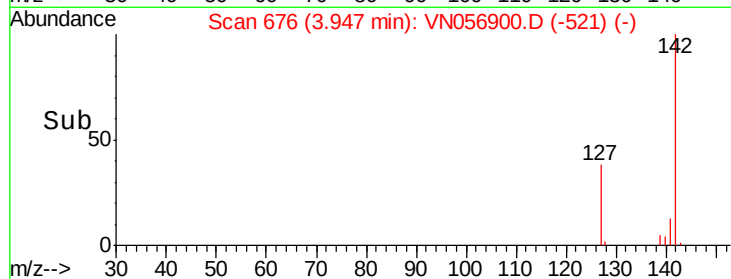
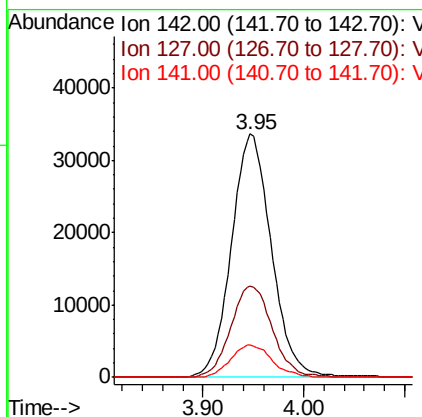
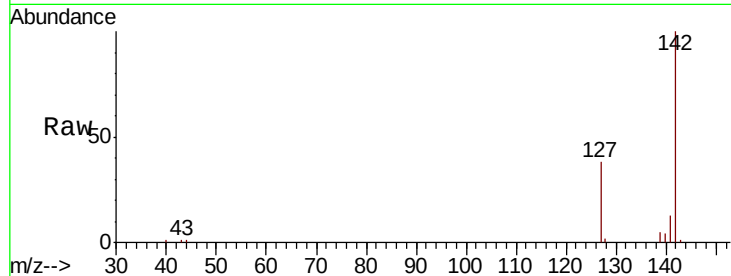




#11
Methvl Iodide
Concen: 19.768 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

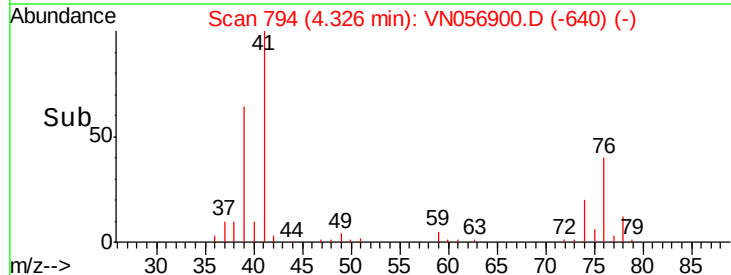
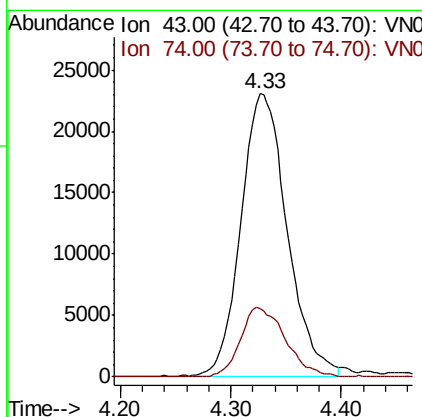
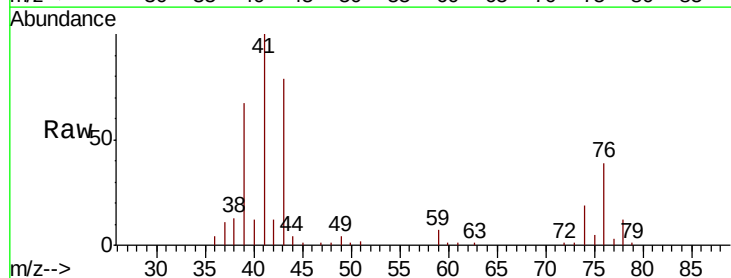
Instrument :
MSVOA_N
ClientSampleId :

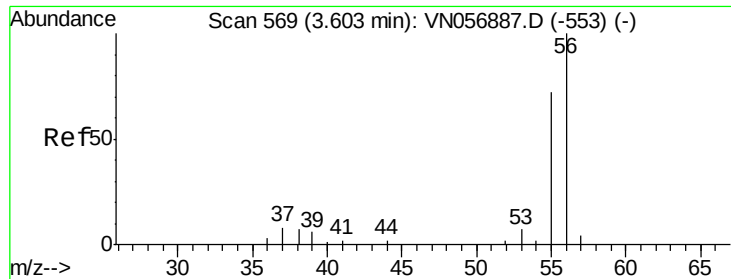
Tot Ion:142 Resp: 92378
Ion Ratio Lower Upper
142 100
127 37.8 19.6 58.8
141 13.2 7.2 21.6



#12
Methyl Acetate
Concen: 17.354 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 43 Resp: 67083
Ion Ratio Lower Upper
43 100
74 24.7 18.1 27.1





#13

Acrolein

Concen: 94.042 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

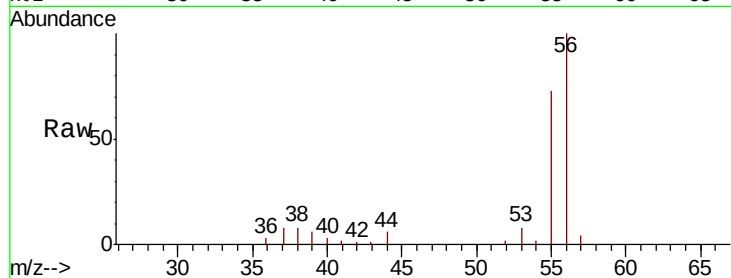
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 41143

Ion Ratio Lower Upper

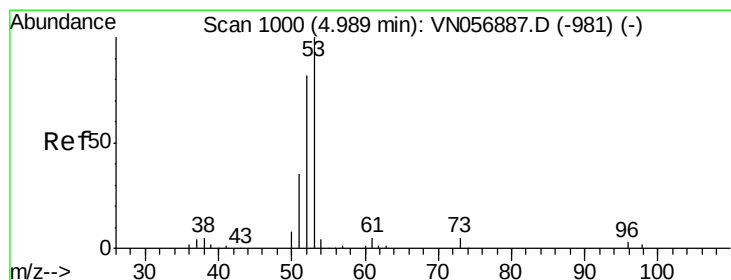
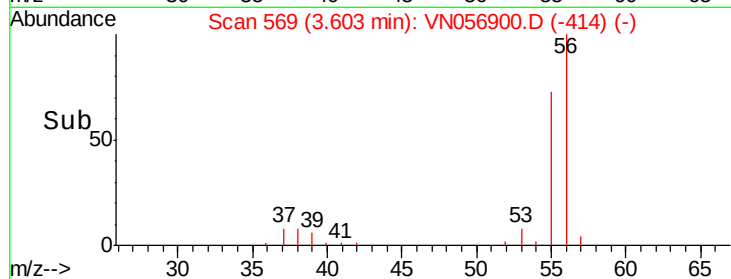
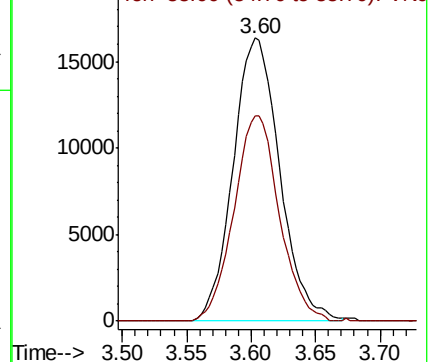
56 100

55 70.7 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 97.351 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

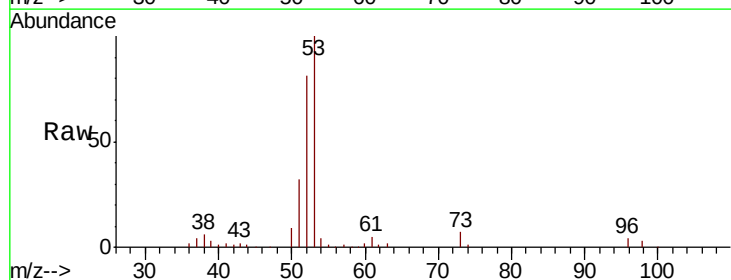
Tgt Ion: 53 Resp: 145133

Ion Ratio Lower Upper

53 100

52 81.8 40.8 122.5

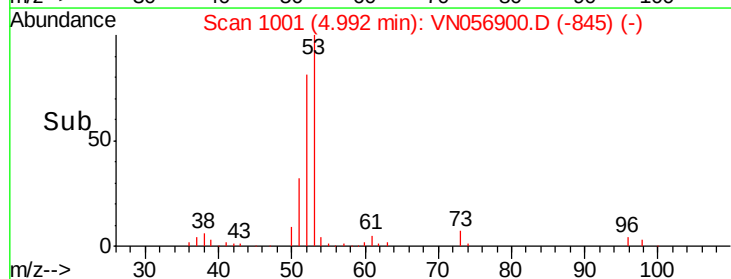
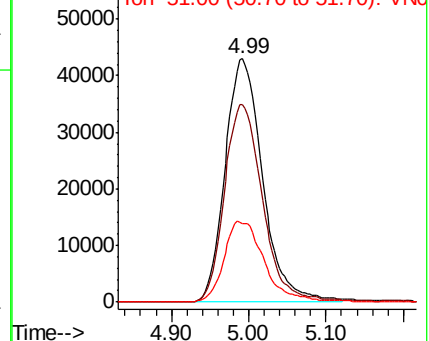
51 18.6 17.4 52.2

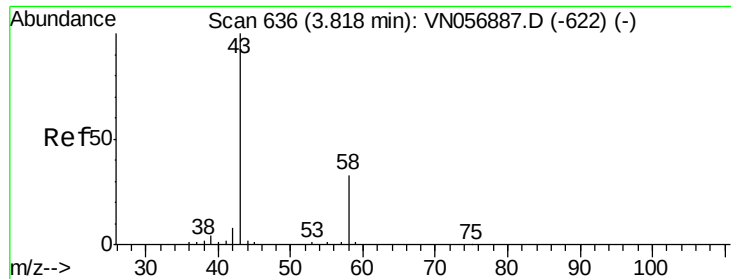


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 99.336 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

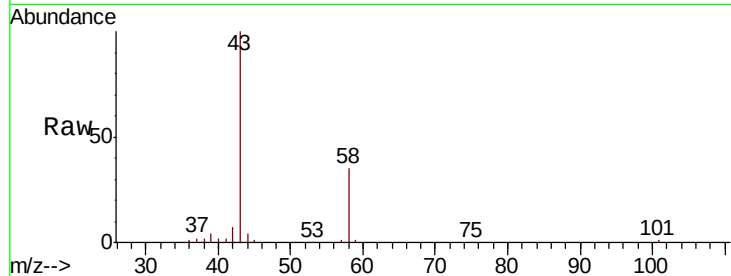
ClientSampleId :

Tot Ion: 58 Resp: 38287

Ion Ratio Lower Upper

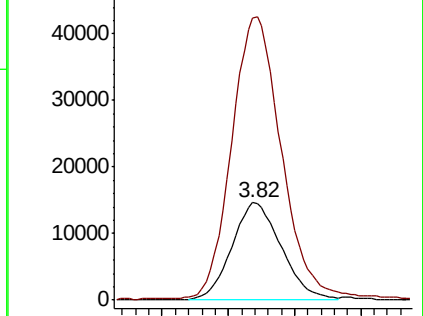
58 100

43 286.7 242.4 363.6

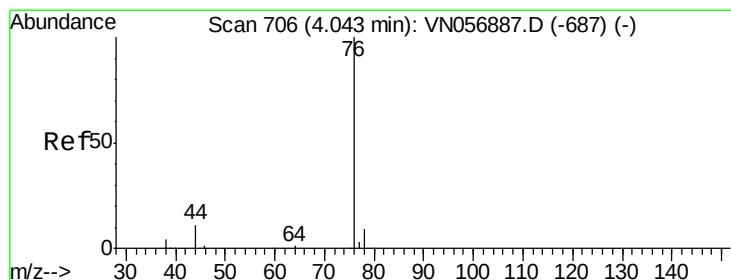
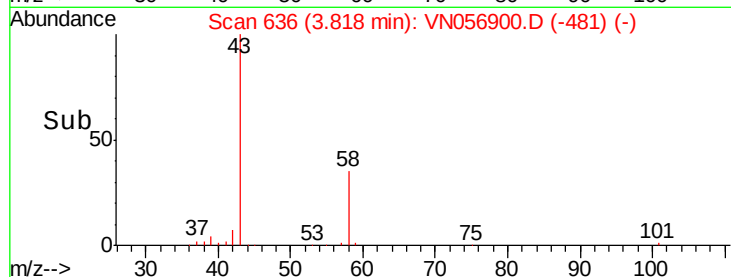


Abundance Ion 58.00 (57.70 to 58.70): VN056887.D (-622) (-)

Ion 43.00 (42.70 to 43.70): VN056887.D (-622) (-)



Time-->



#16

Carbon Disulfide

Concen: 19.541 ug/l

RT: 4.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN056900.D

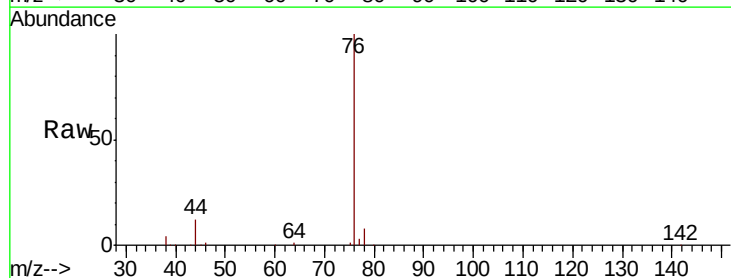
Acq: 24 Jul 2019 1:55

Tgt Ion: 76 Resp: 166436

Ion Ratio Lower Upper

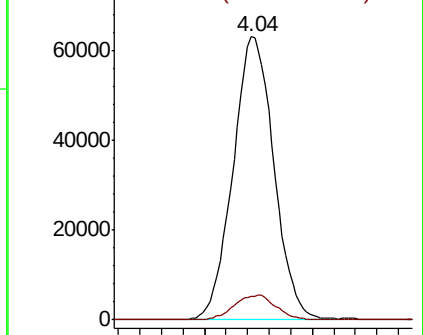
76 100

78 8.1 7.1 10.7

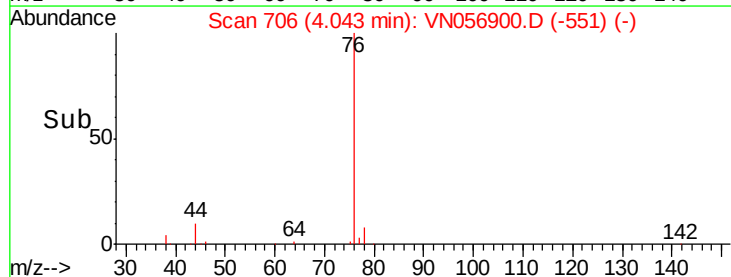


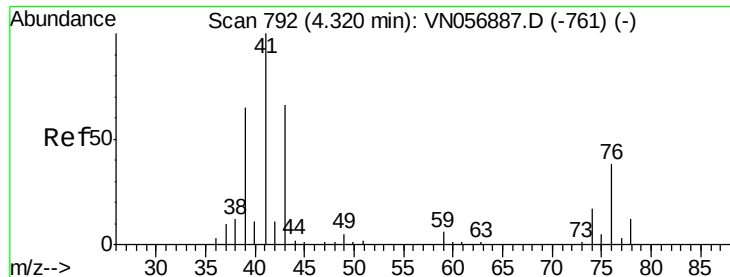
Abundance Ion 76.00 (75.70 to 76.70): VN056887.D (-687) (-)

Ion 78.00 (77.70 to 78.70): VN056887.D (-687) (-)



Time-->

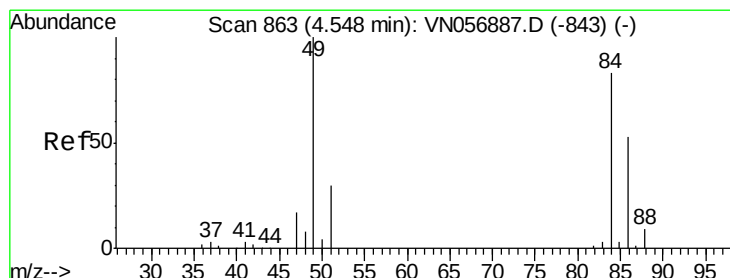
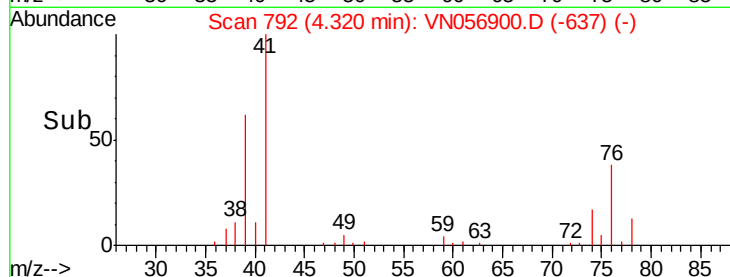
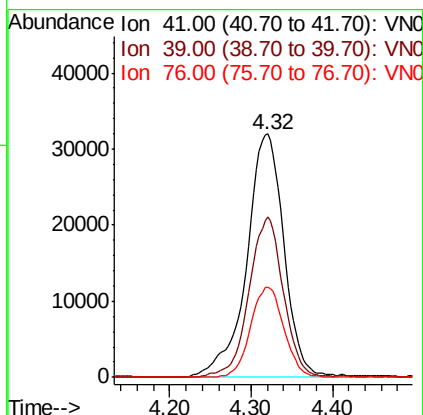
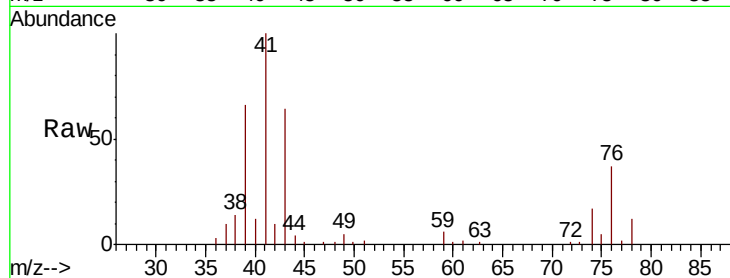




#17
Allvl chloride
Concen: 19.116 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

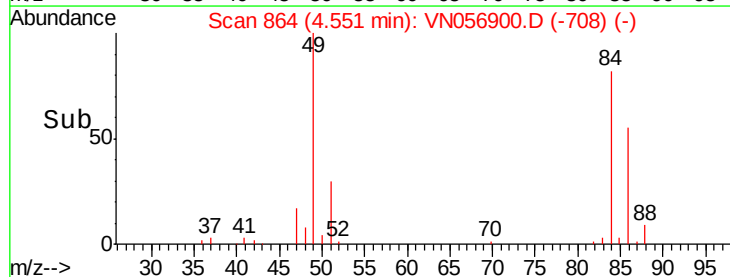
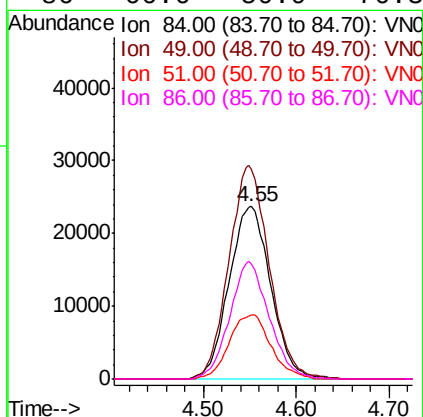
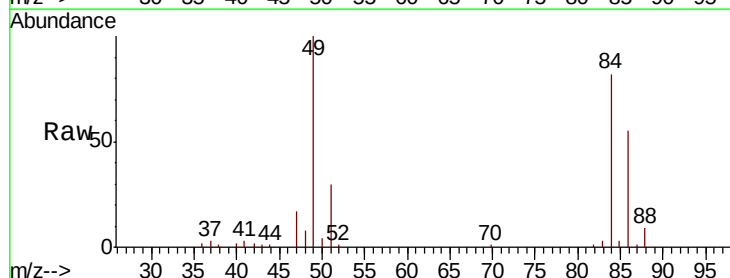
Instrument :
MSVOA_N
ClientSampleId :

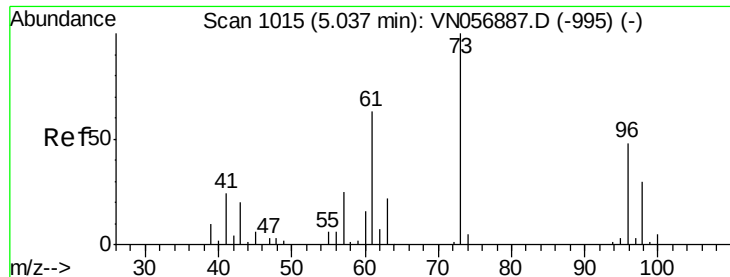
Tot Ion: 41 Resp: 101041
Ion Ratio Lower Upper
41 100
39 65.7 32.4 97.0
76 37.2 19.0 57.0



#18
Methylene Chloride
Concen: 20.175 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 84 Resp: 74169
Ion Ratio Lower Upper
84 100
49 121.8 96.3 144.5
51 36.9 28.8 43.2
86 66.6 50.9 76.3

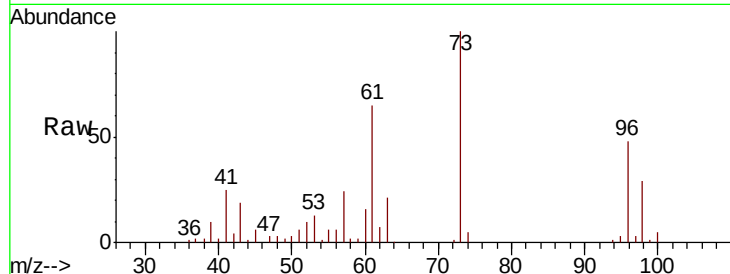




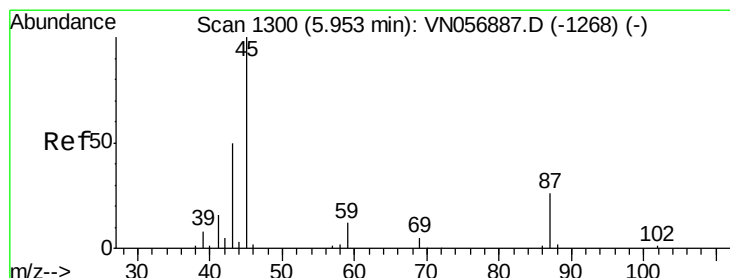
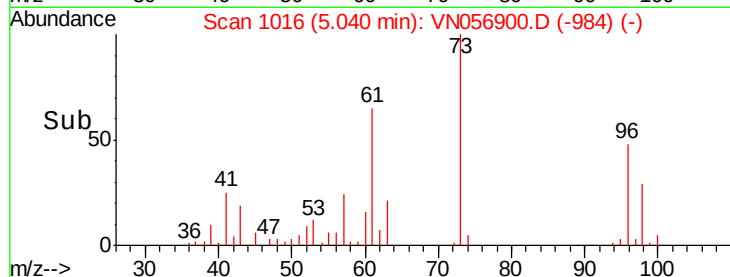
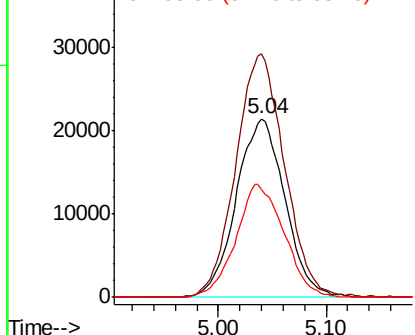
#19
trans-1,2-Dichloroethene
Concen: 20.086 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 67145
Ion Ratio Lower Upper
96 100
61 135.4 105.4 158.0
98 60.5 50.8 76.2

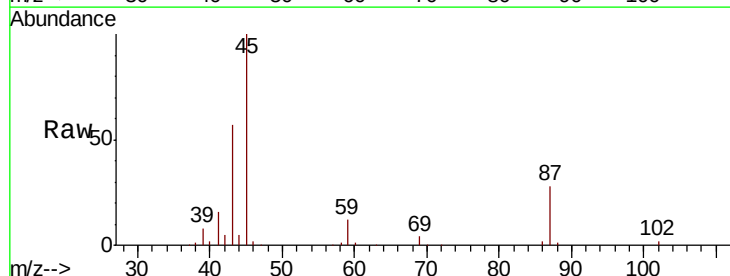


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

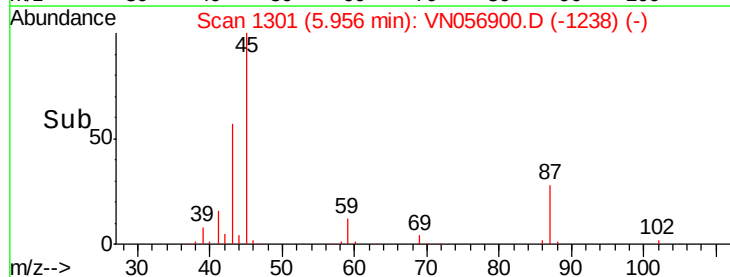
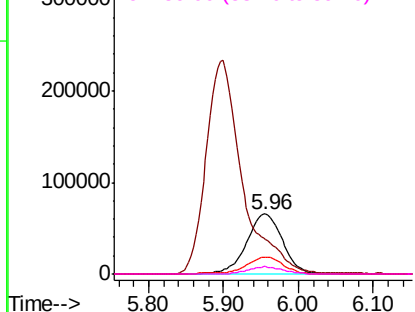


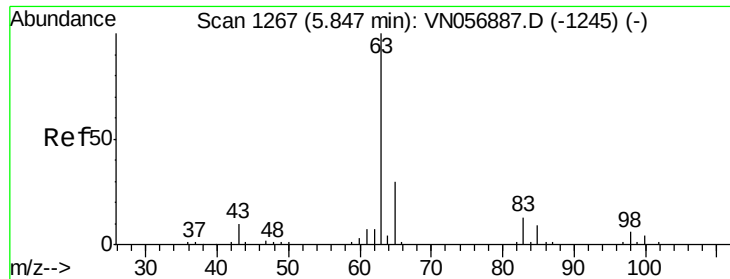
#20
Diisopropyl ether
Concen: 20.397 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 45 Resp: 218894
Ion Ratio Lower Upper
45 100
43 55.6 47.4 71.0
87 28.3 21.7 32.5
59 11.8 9.3 13.9



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

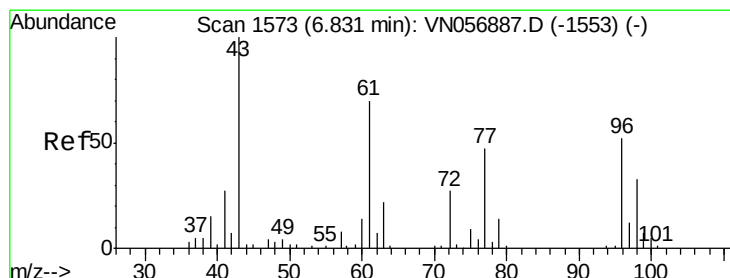
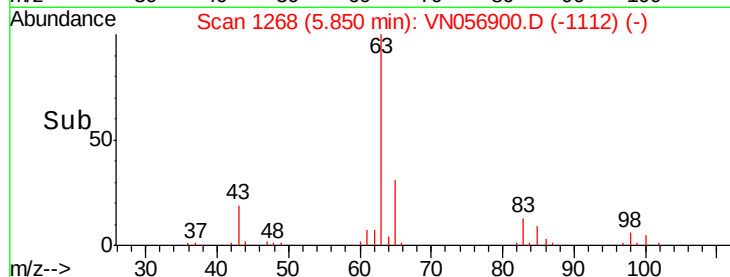
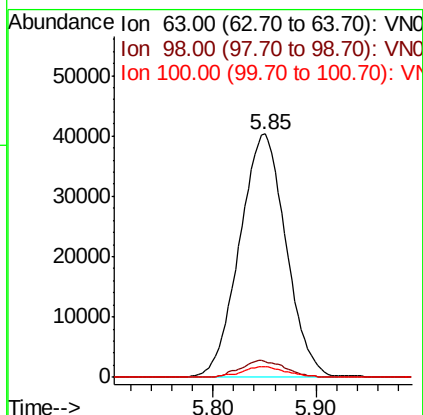
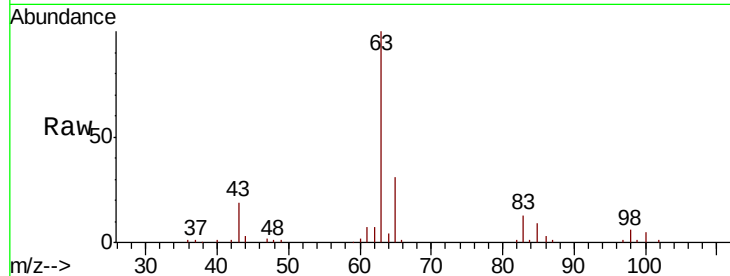




#21
 1,1-Dichloroethane
 Concen: 20.214 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

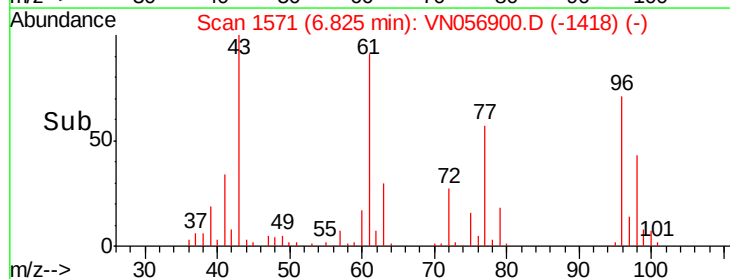
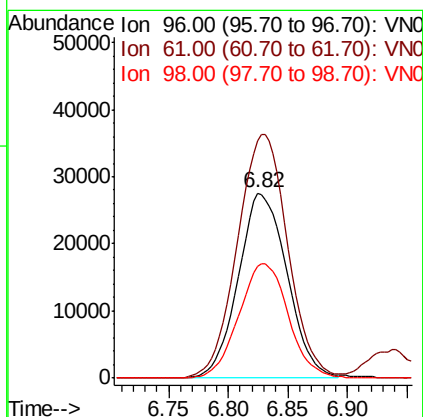
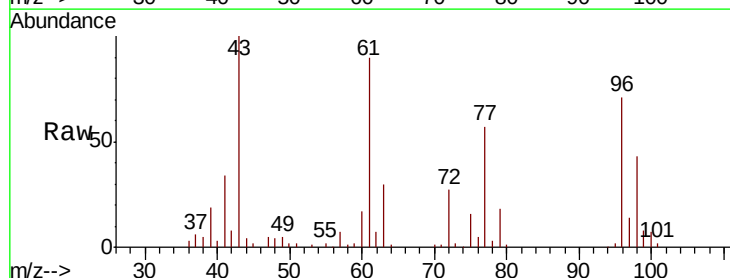
Instrument :
 MSVOA_N
 ClientSampled :

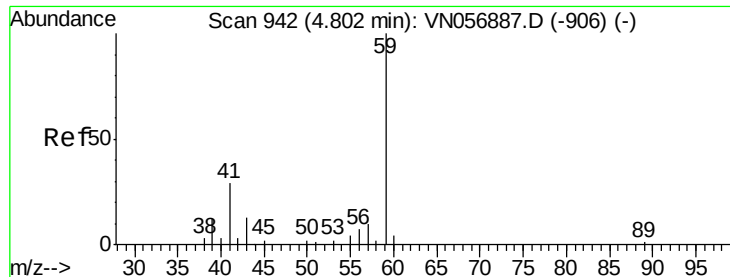
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.1	9.3
100	4.6	1.8	5.5



#22
 cis-1,2-Dichloroethene
 Concen: 20.231 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.4	111.6	167.4
98	62.5	51.0	76.4



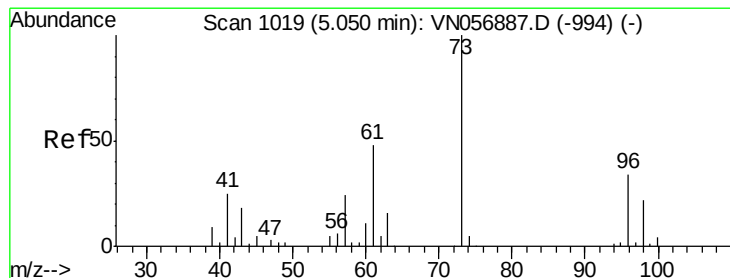
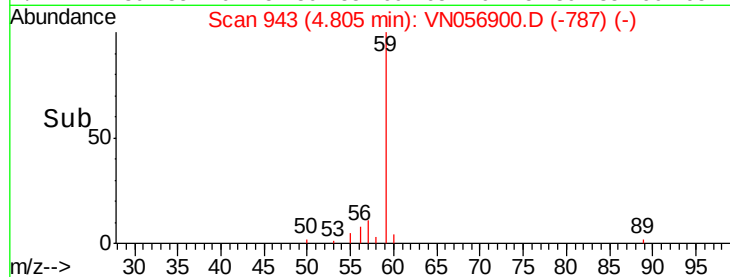
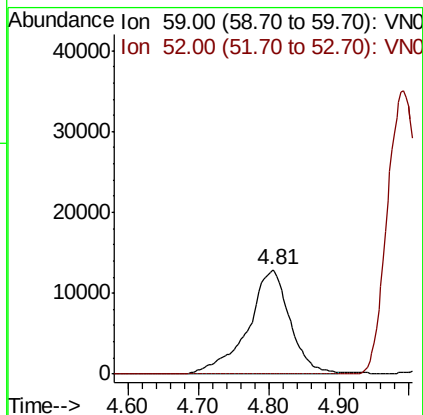
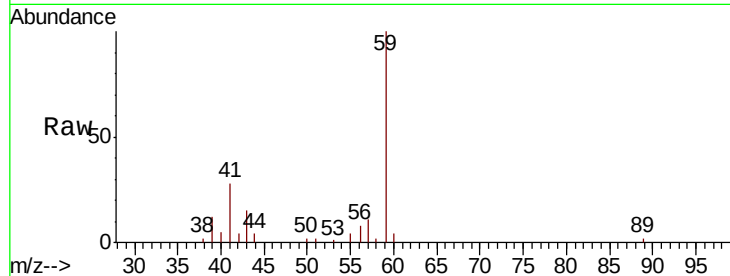


#23

tert-Butyl Alcohol
 Concen: 107.895 ug/l
 RT: 4.81 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
 MSVOA_N
 ClientSampled :

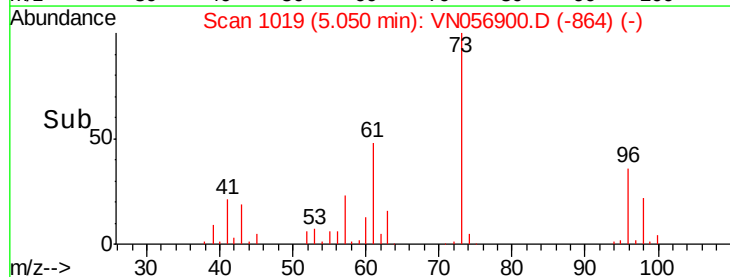
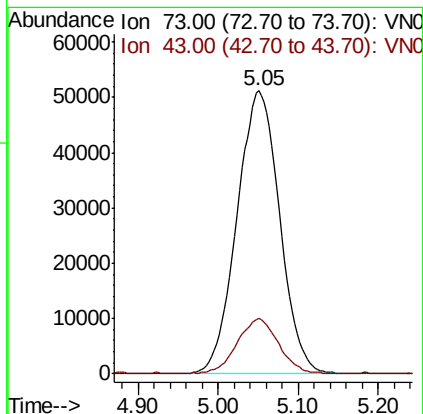
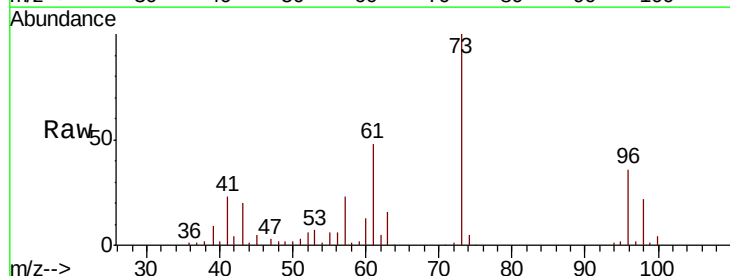
Tot Ion: 59 Resp: 53679
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

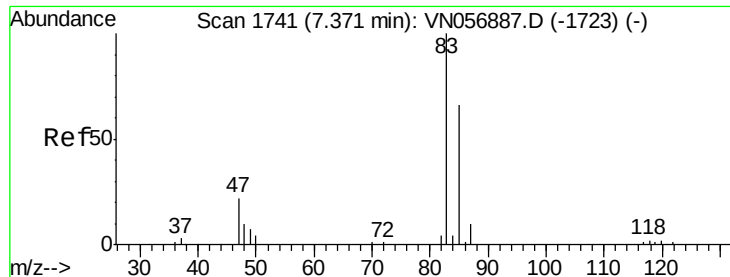


#24

Methyl tert-Butyl Ether
 Concen: 19.487 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 73 Resp: 186099
 Ion Ratio Lower Upper
 73 100
 43 18.5 15.4 23.0

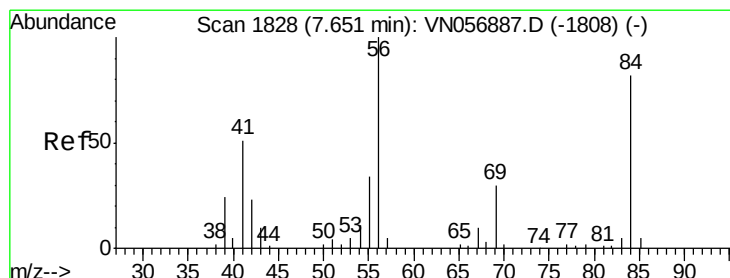
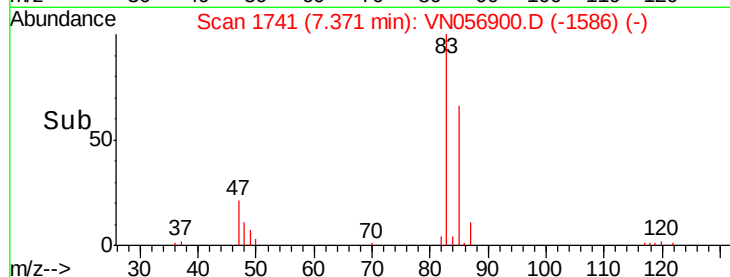
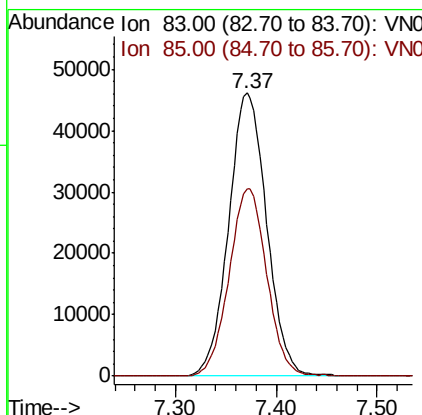
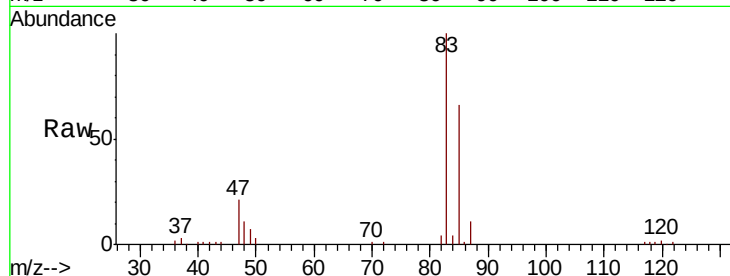




#25
Chloroform
Concen: 19.808 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

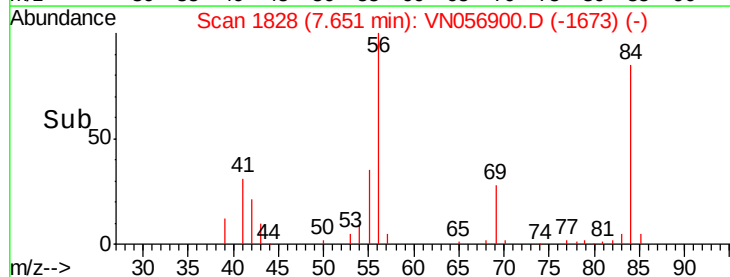
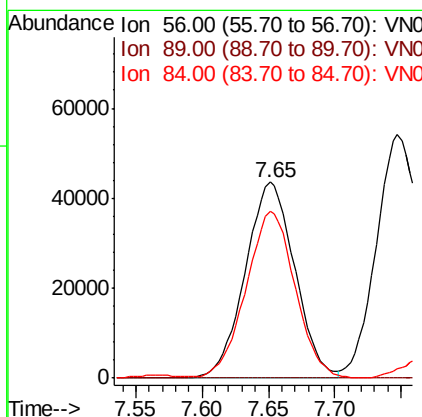
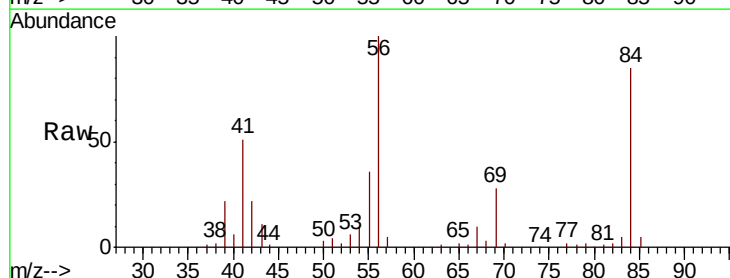
Instrument :
MSVOA_N
ClientSampled :

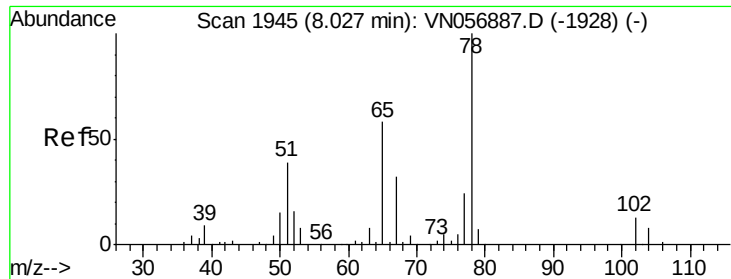
Tot Ion: 83 Resp: 120515
Ion Ratio Lower Upper
83 100
85 66.3 53.1 79.7



#26
Cyclohexane
Concen: 19.719 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 56 Resp: 112972
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.4 67.8 101.6

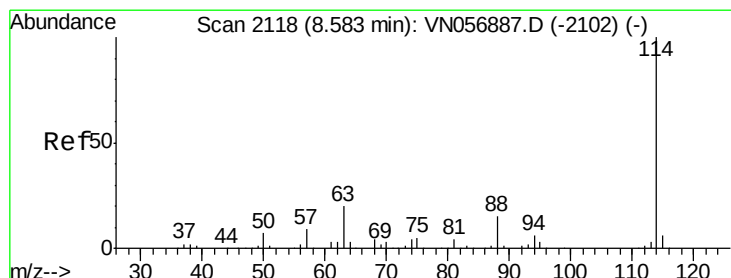
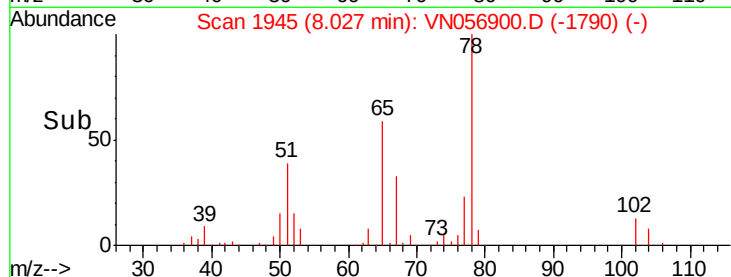
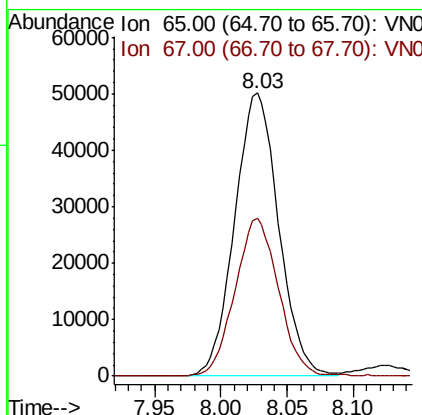
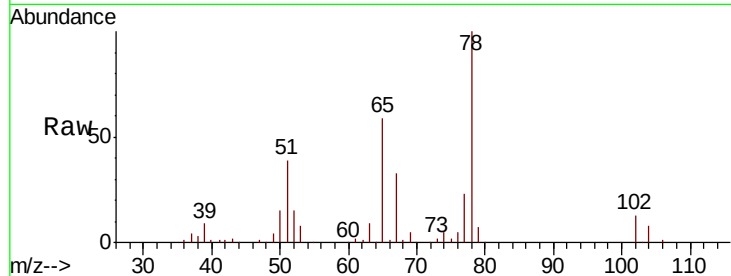




#27
 1,2-Dichloroethane-d4
 Concen: 29.890 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

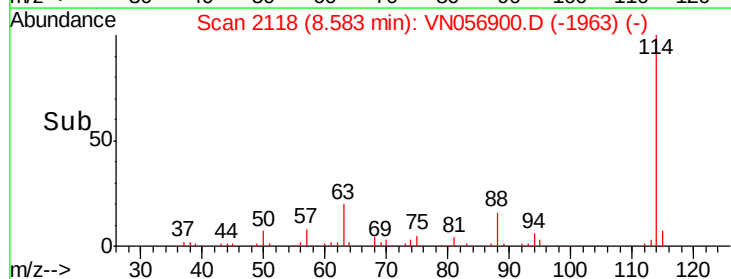
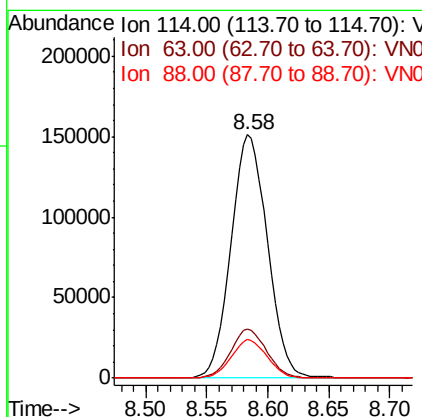
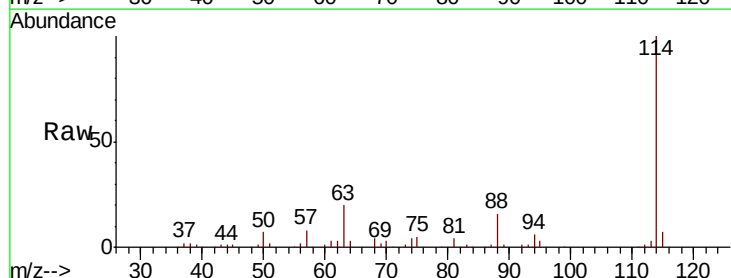
Instrument :
 MSVOA_N
 ClientSampleId :

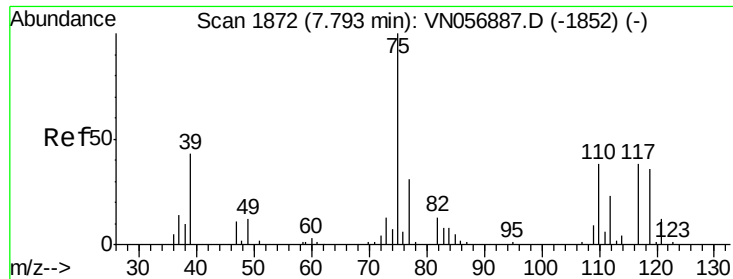
Tot Ion: 65 Resp: 115734
 Ion Ratio Lower Upper
 65 100
 67 54.9 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 114 Resp: 313841
 Ion Ratio Lower Upper
 114 100
 63 19.9 15.8 23.6
 88 15.6 12.5 18.7

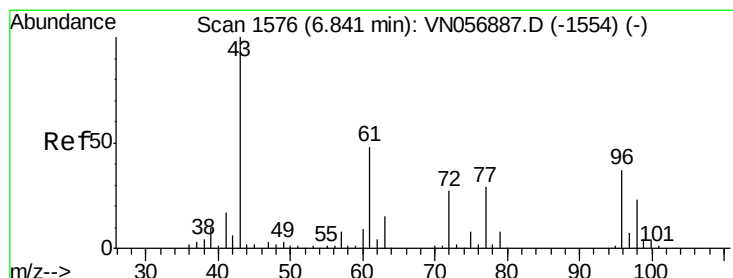
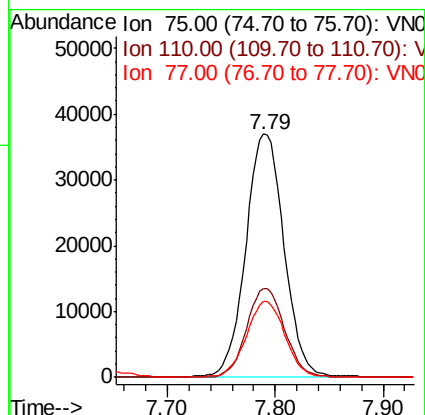
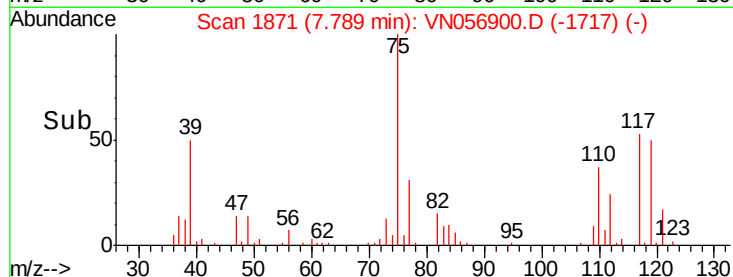
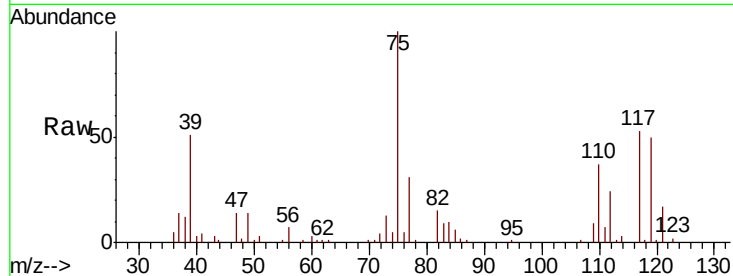




#29
 1,1-Dichloropropene
 Concen: 20.507 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

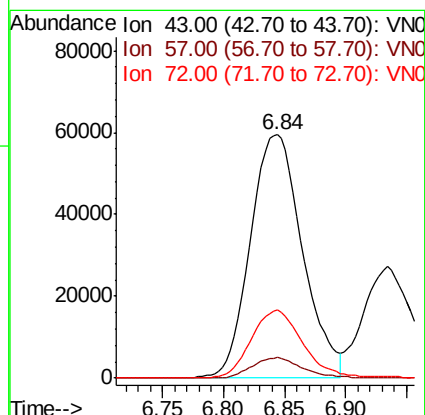
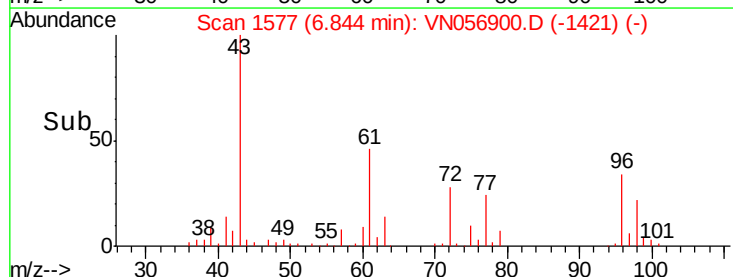
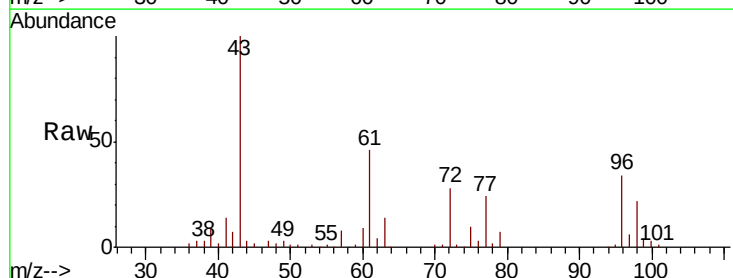
Instrument :
 MSVOA_N
 ClientSampled :

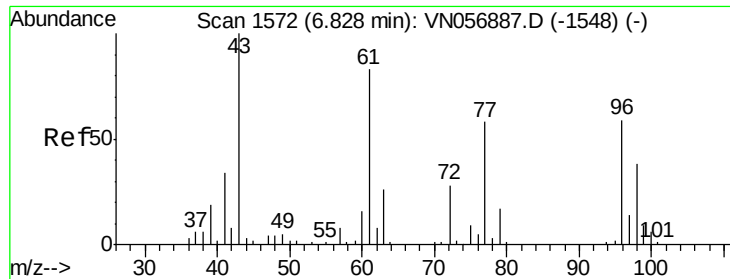
Tot Ion: 75 Resp: 91334
 Ion Ratio Lower Upper
 75 100
 110 36.1 0.0 75.8
 77 31.3 0.0 64.0



#30
 2-Butanone
 Concen: 97.863 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 43 Resp: 175109
 Ion Ratio Lower Upper
 43 100
 57 8.0 6.5 9.7
 72 27.7 22.1 33.1

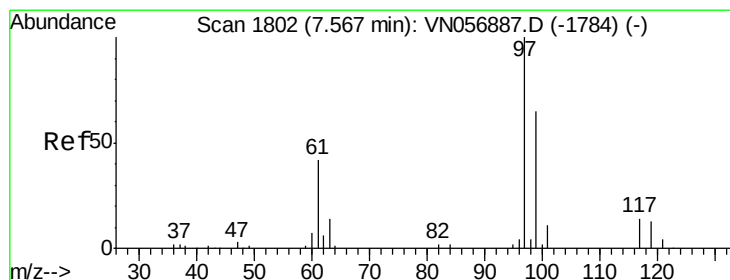
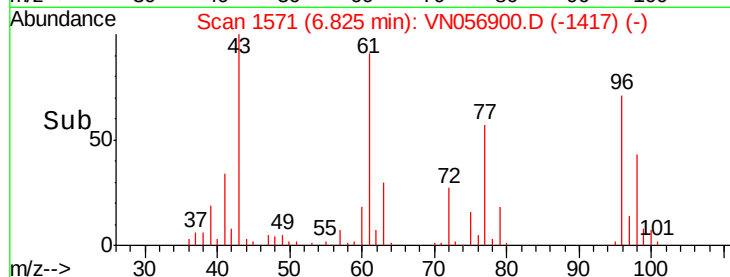
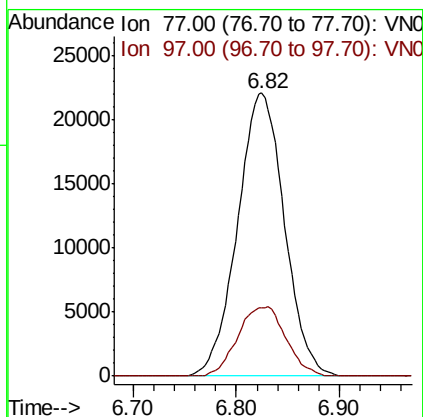
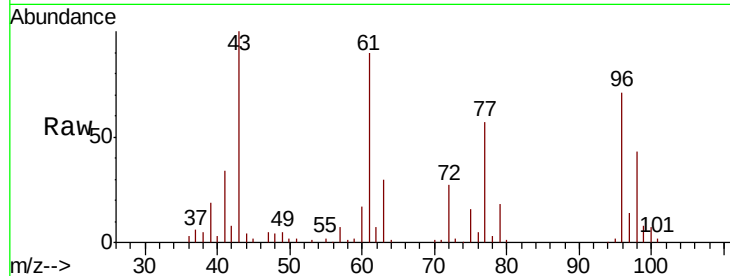




#31
 2,2-Dichloropropane
 Concen: 16.870 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

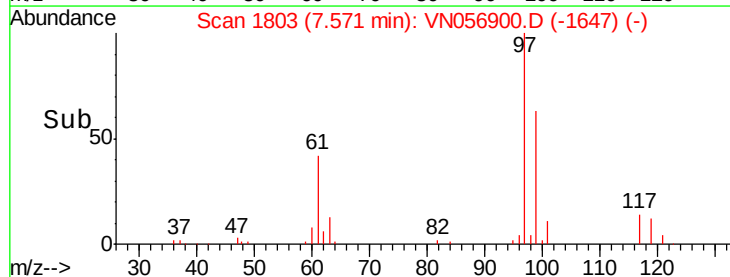
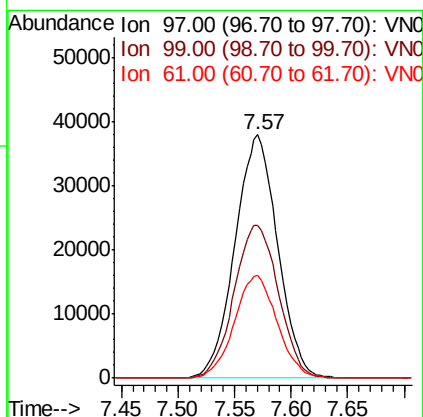
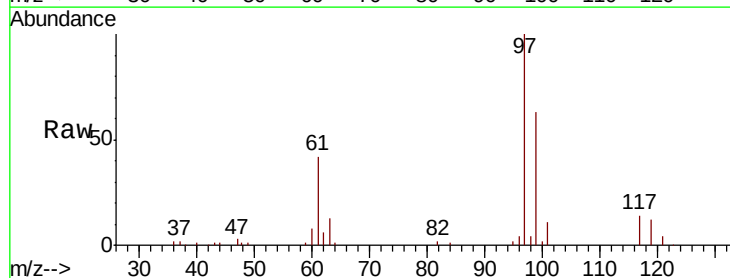
Instrument :
 MSVOA_N
 ClientSampled :

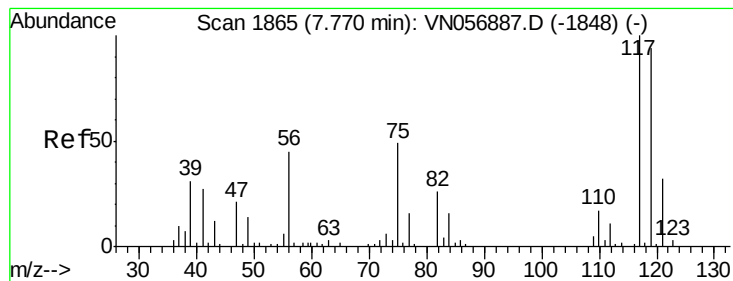
Tot Ion: 77 Resp: 69724
 Ion Ratio Lower Upper
 77 100
 97 25.1 19.3 28.9



#32
 1,1,1-Trichloroethane
 Concen: 20.359 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 97 Resp: 99629
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.3 78.5
 61 42.4 34.4 51.6





#33

Carbon Tetrachloride

Concen: 19.639 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampled :

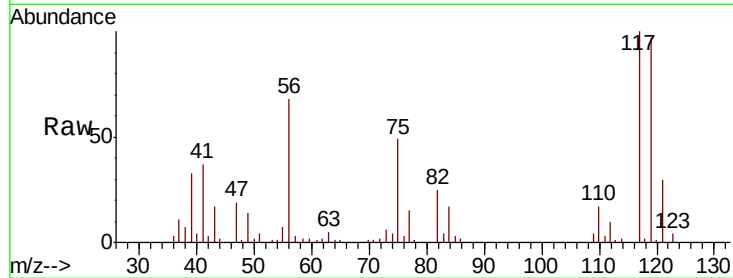
Tot Ion:117 Resp: 83880

Ion Ratio Lower Upper

117 100

119 97.2 75.1 112.7

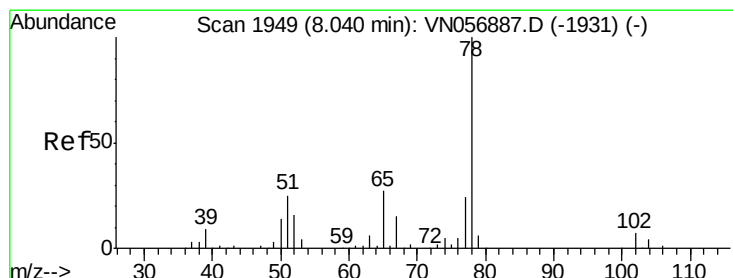
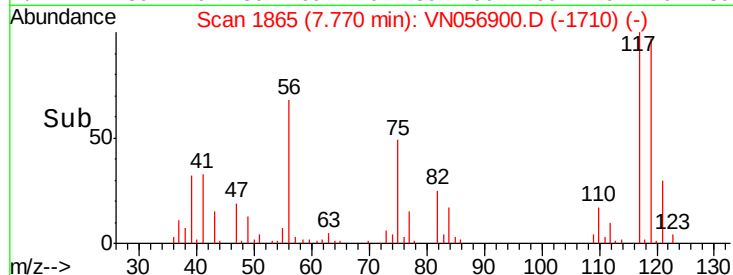
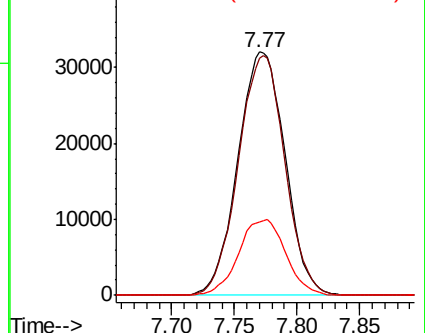
121 29.9 25.8 38.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.367 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

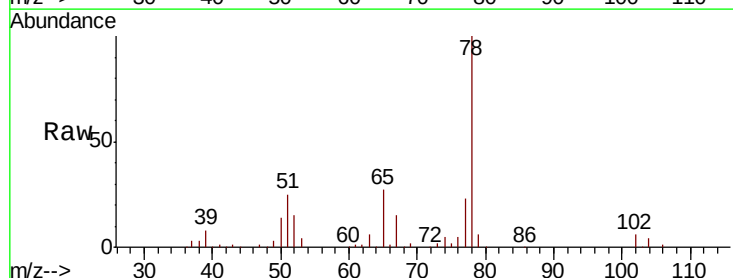
Tgt Ion: 78 Resp: 285818

Ion Ratio Lower Upper

78 100

77 23.3 19.4 29.2

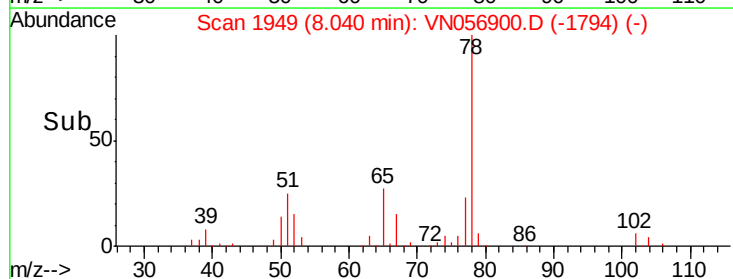
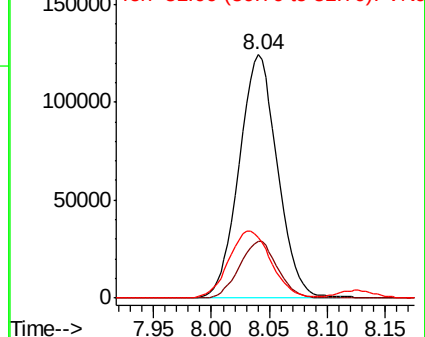
51 24.6 20.4 30.6

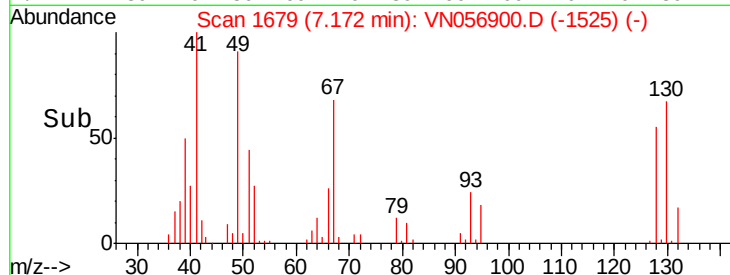
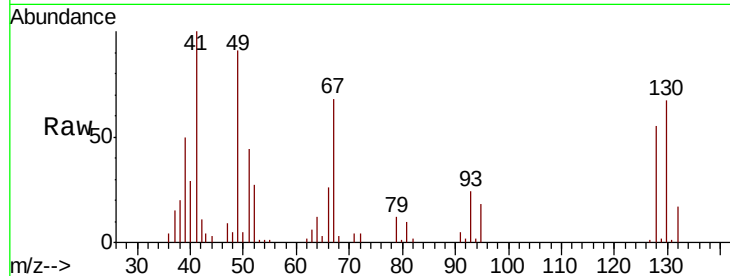
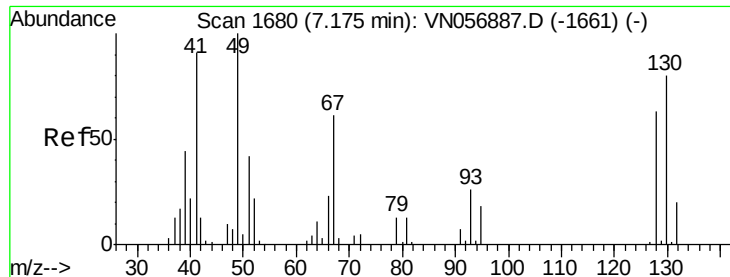


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

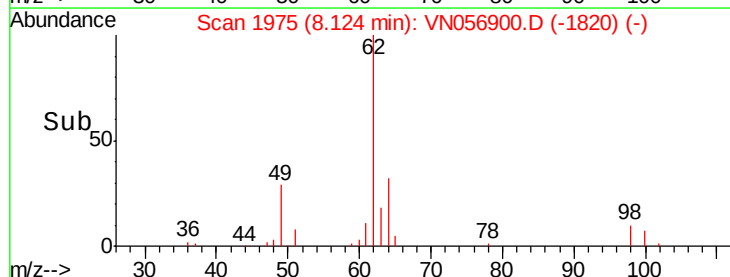
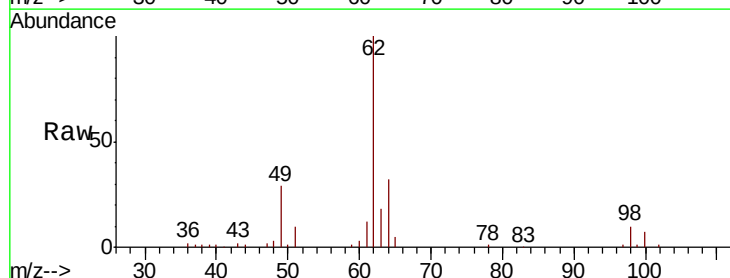
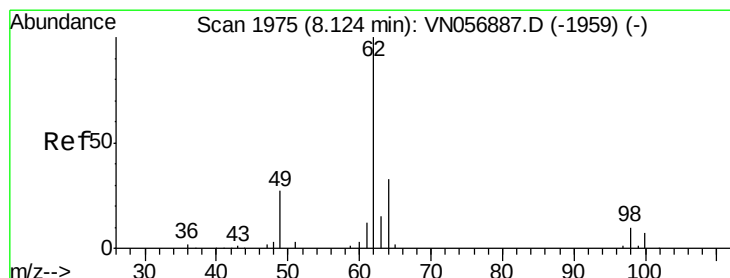
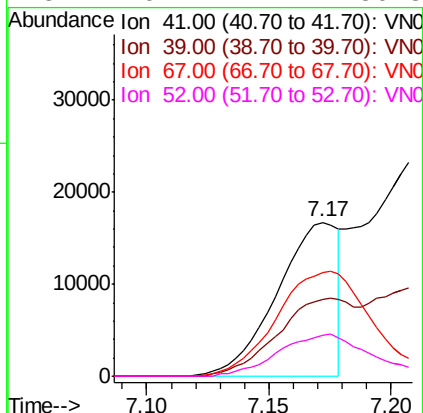
Ion 51.00 (50.70 to 51.70): V





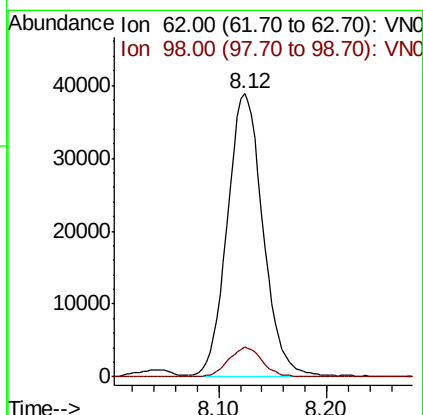
#35
Methacrylonitrile
Concen: 16.266 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

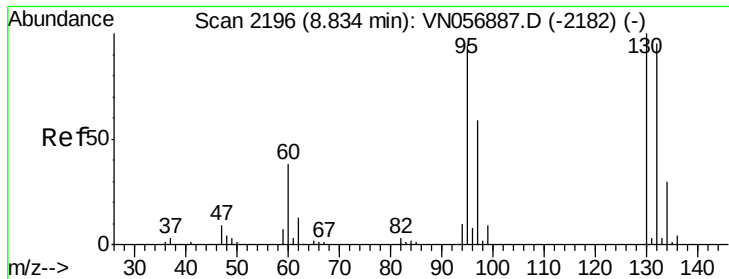
Tot Ion: 41 Resp: 29066
Ion Ratio Lower Upper
41 100
39 49.8 24.4 73.2
67 67.6 33.4 100.1
52 26.7 12.1 36.3



#36
1,2-Dichloroethane
Concen: 20.654 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 62 Resp: 90105
Ion Ratio Lower Upper
62 100
98 9.7 7.7 11.5





#37

Trichloroethene

Concen: 20.093 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

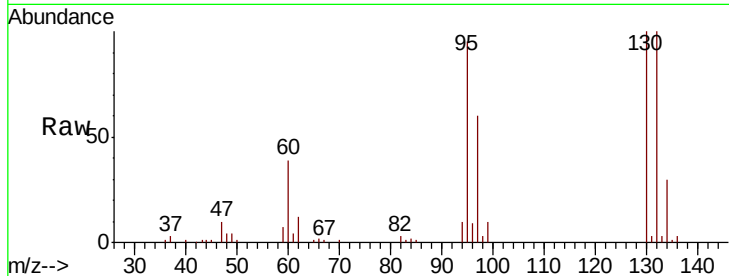
ClientSampleId :

Tot Ion:130 Resp: 75595

Ion Ratio Lower Upper

130 100

95 95.0 74.9 112.3



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.83

40000

30000

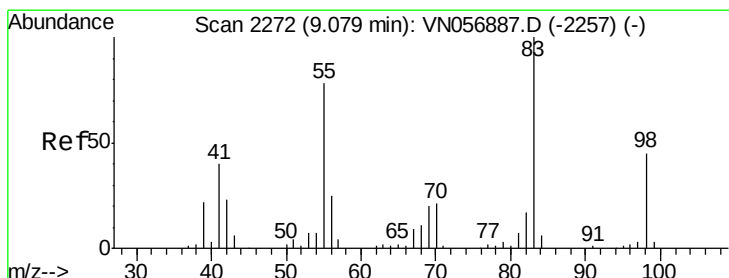
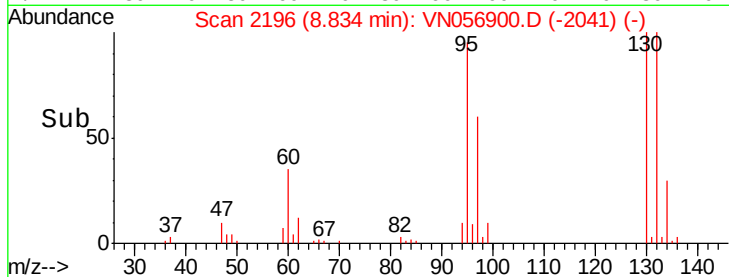
20000

10000

0

8.75 8.80 8.85 8.90 8.95

Time-->



#38

Methylcyclohexane

Concen: 19.485 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

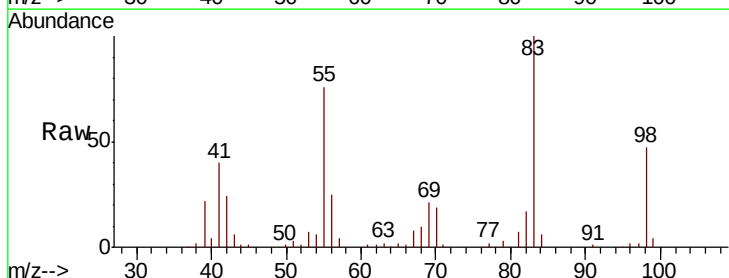
Tgt Ion: 83 Resp: 110393

Ion Ratio Lower Upper

83 100

55 75.4 38.4 115.1

98 46.6 22.7 68.0



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.08

60000

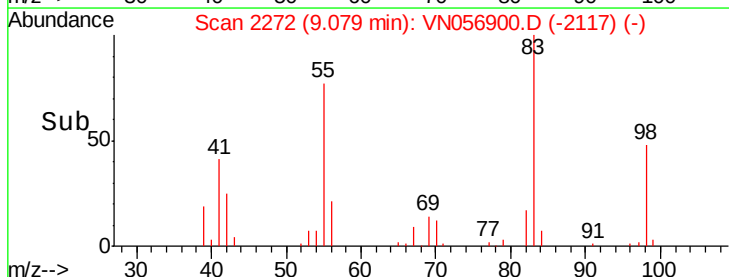
40000

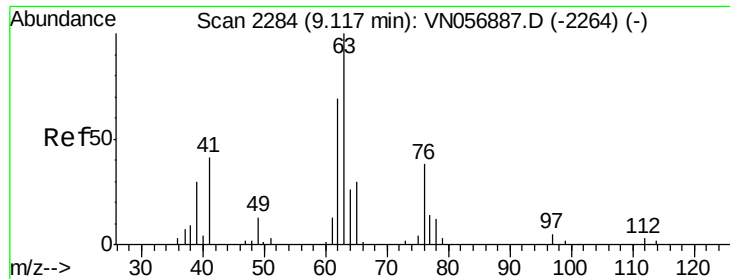
20000

0

9.00 9.05 9.10 9.15

Time-->

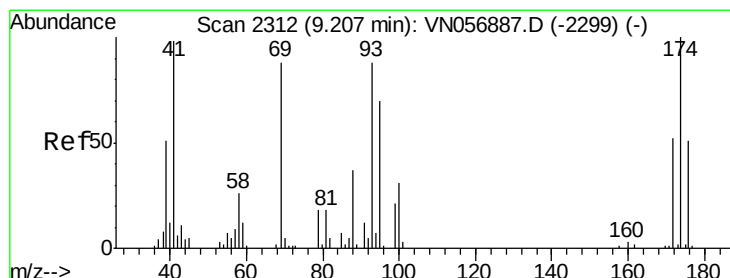
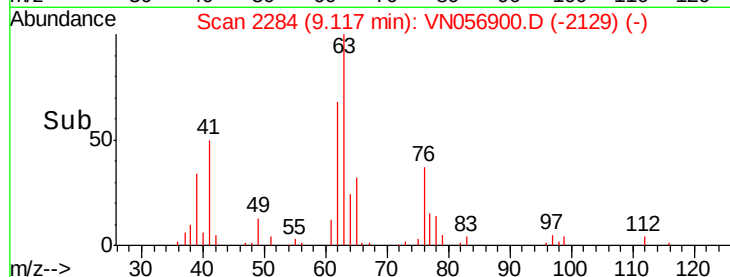
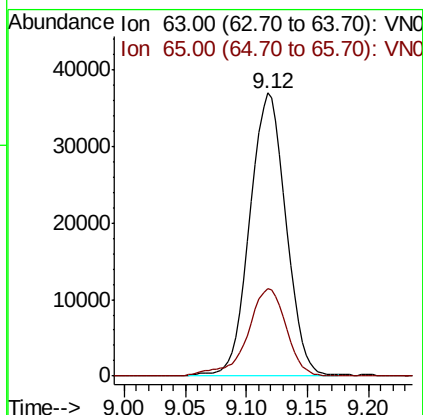
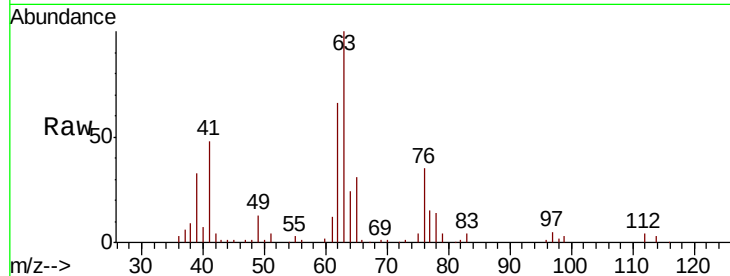




#39
 1,2-Dichloropropane
 Concen: 20.219 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

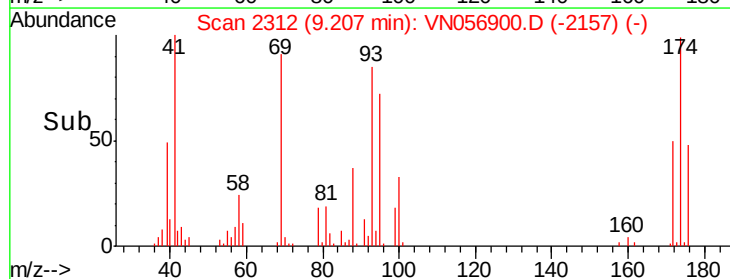
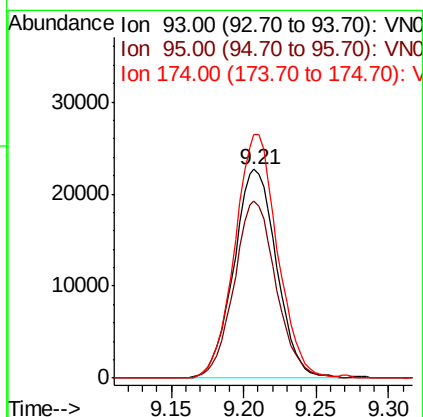
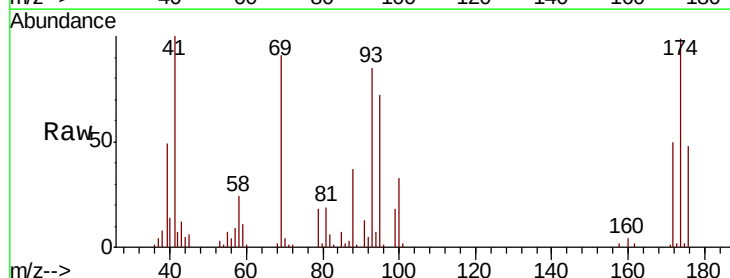
Instrument :
 MSVOA_N
 ClientSampled :

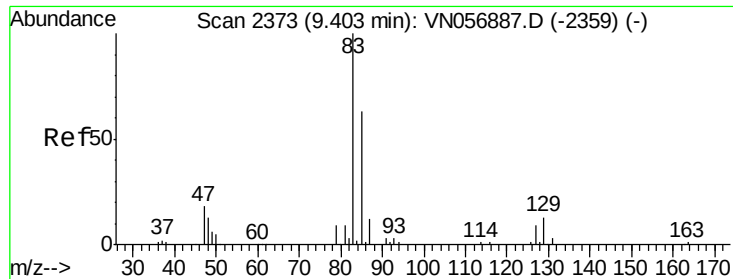
Tot Ion: 63 Resp: 75738
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8



#40
 Dibromomethane
 Concen: 20.237 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 93 Resp: 46502
 Ion Ratio Lower Upper
 93 100
 95 83.2 0.0 165.8
 174 116.2 0.0 232.4





#41

Bromodichloromethane

Concen: 19.744 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampled :

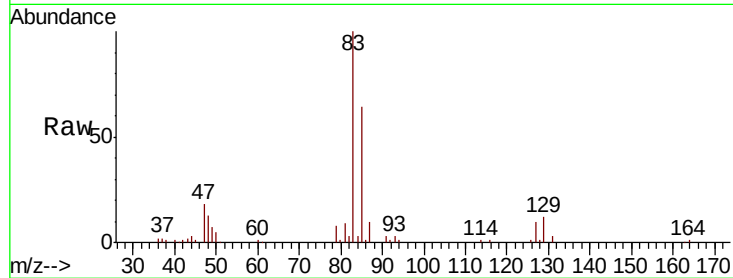
Tot Ion: 83 Resp: 87183

Ion Ratio Lower Upper

83 100

85 63.7 50.6 75.8

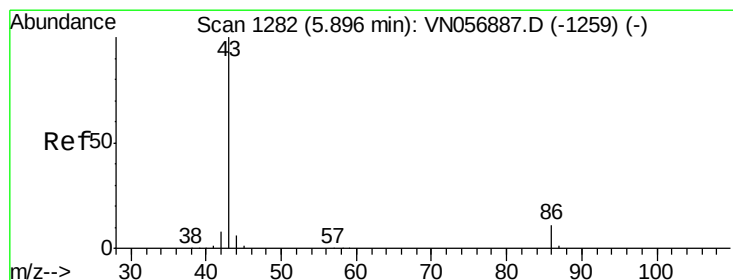
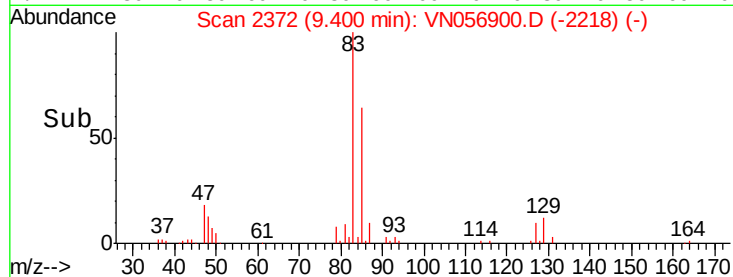
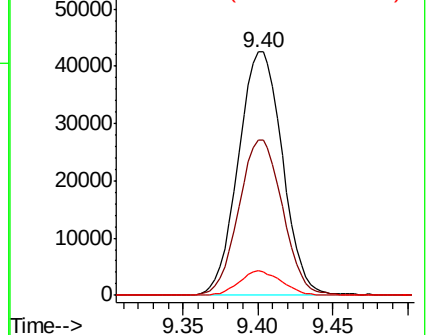
127 9.9 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VN056900.D (-2218) (-)

Ion 85.00 (84.70 to 85.70): VN056900.D (-2218) (-)

Ion 127.00 (126.70 to 127.70): VN056900.D (-2218) (-)



#42

Vinyl Acetate

Concen: 98.555 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN056900.D

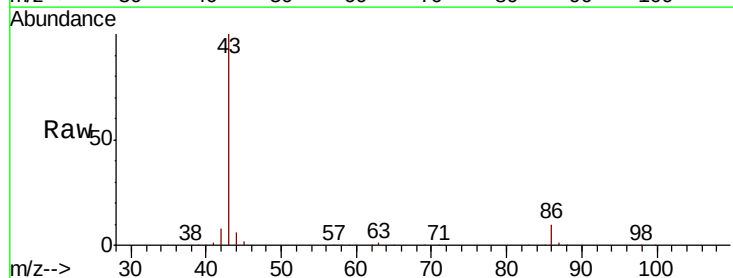
Acq: 24 Jul 2019 1:55

Tgt Ion: 43 Resp: 785332

Ion Ratio Lower Upper

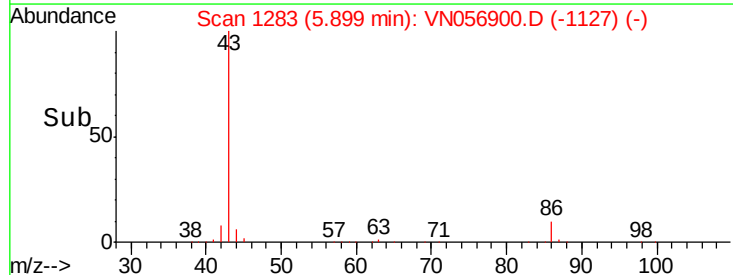
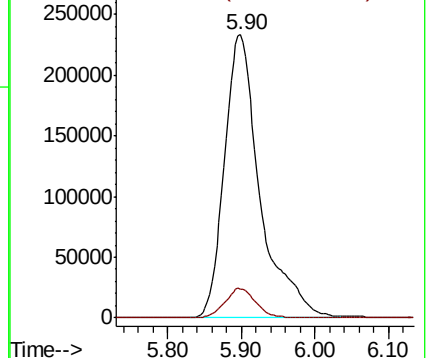
43 100

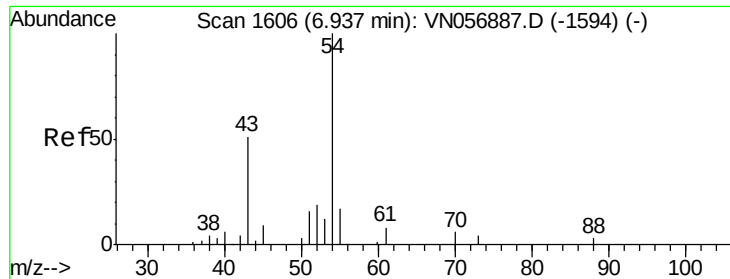
86 9.1 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VN056900.D (-1127) (-)

Ion 86.00 (85.70 to 86.70): VN056900.D (-1127) (-)

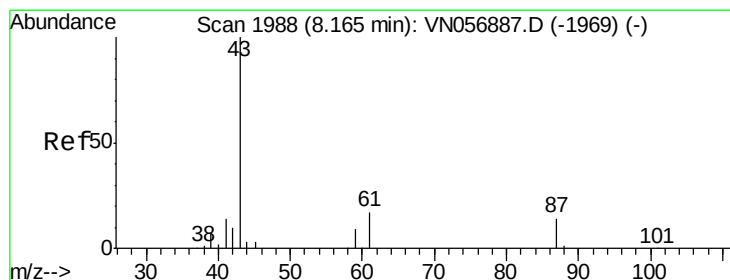
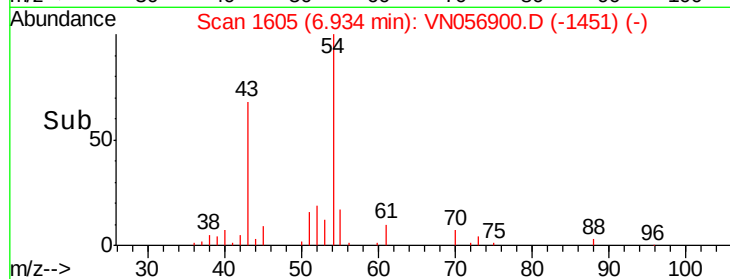
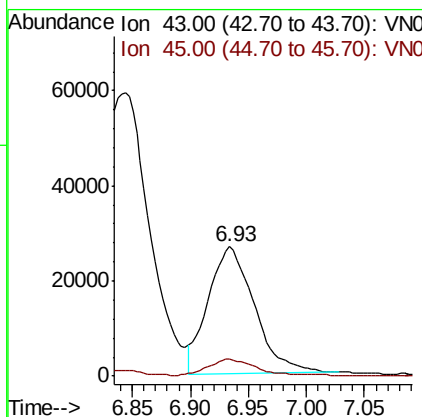
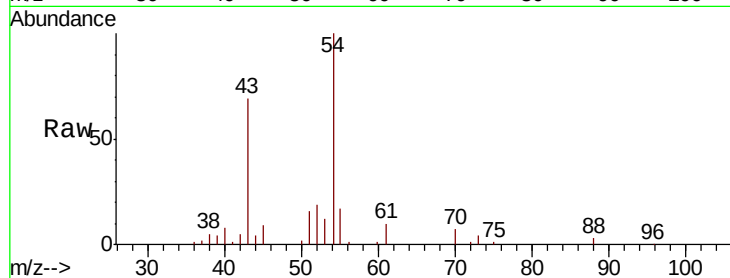




#43
Ethyl Acetate
Concen: 20.107 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

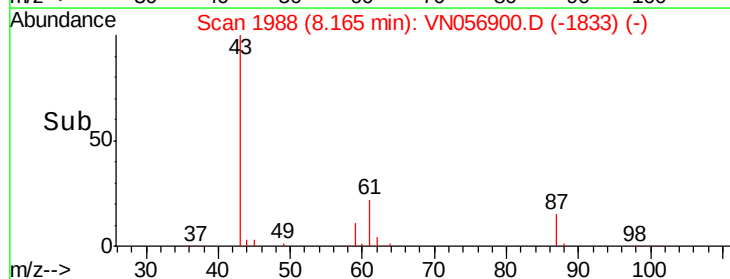
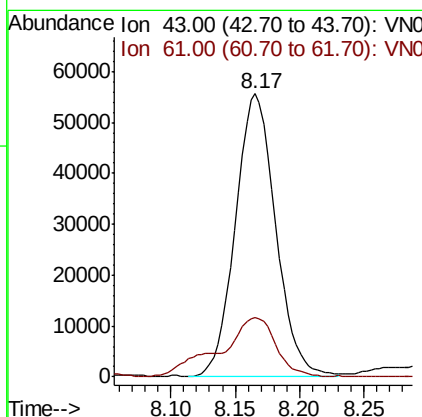
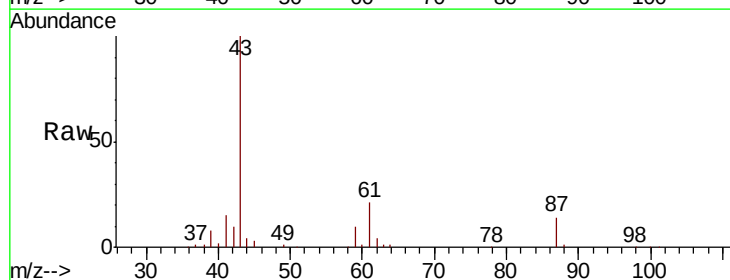
Instrument :
MSVOA_N
ClientSampled :

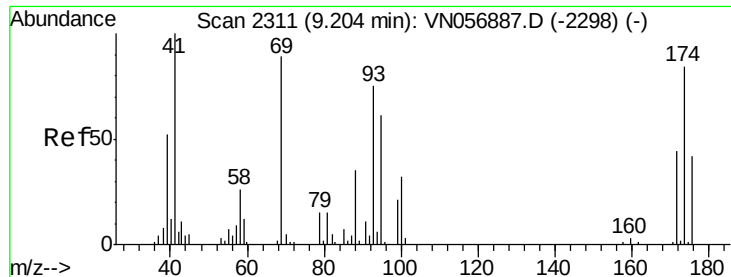
Tot Ion: 43 Resp: 73757
Ion Ratio Lower Upper
43 100
45 12.1 10.2 15.2



#44
Isopropyl Acetate
Concen: 19.623 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 43 Resp: 119984
Ion Ratio Lower Upper
43 100
61 21.5 23.0 34.4#

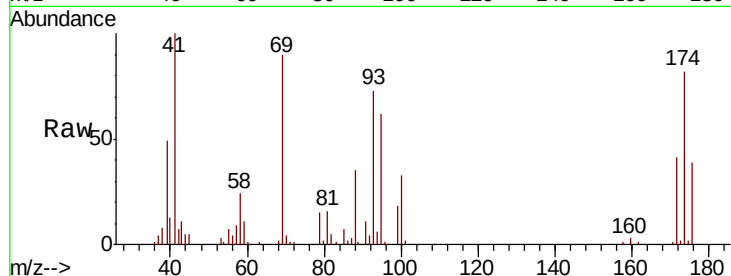




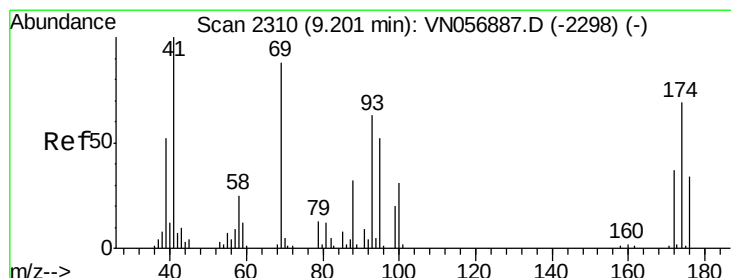
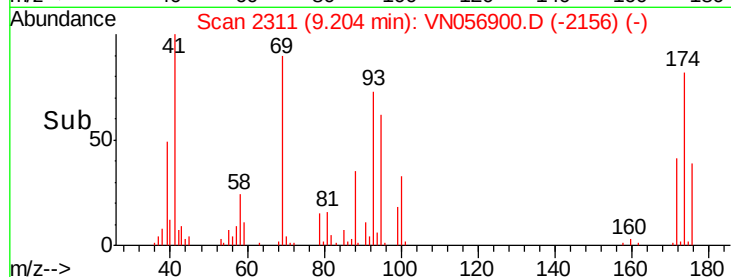
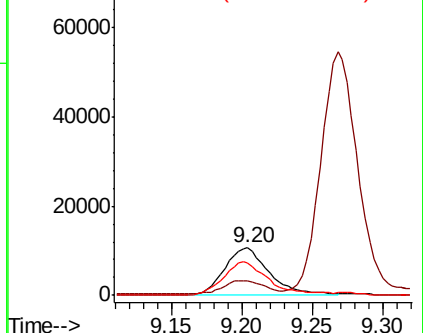
#45
 1,4-Dioxane
 Concen: 407.068 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	88	Resp	23695
Ion Ratio	Lower	Upper	
88	100		
43	27.1	23.4	35.0
58	71.2	58.5	87.7

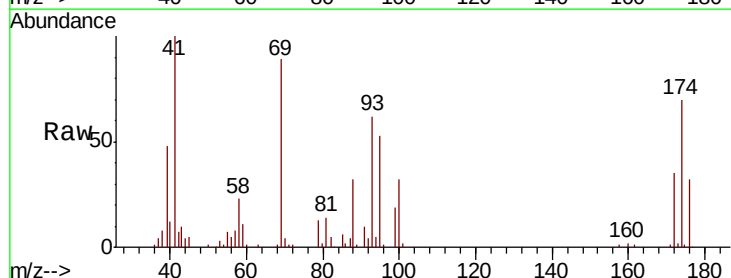


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

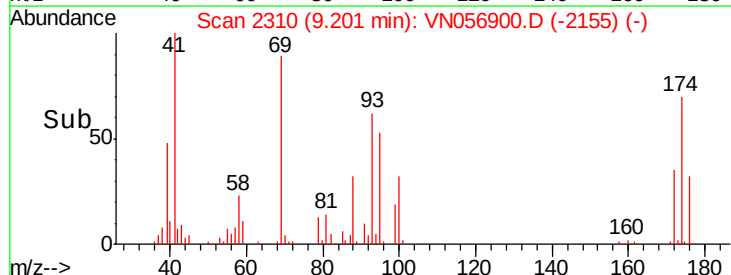
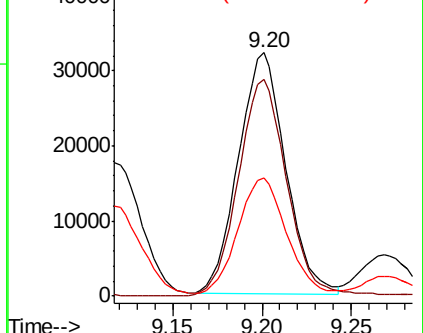


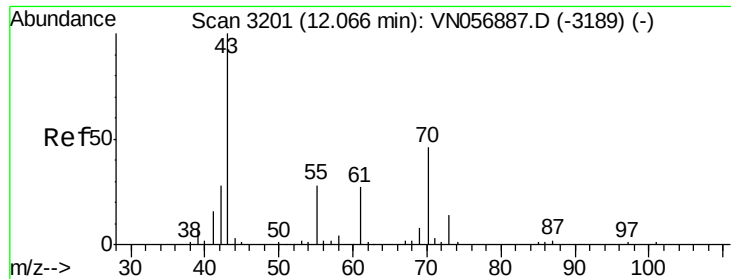
#46
 Methyl methacrylate
 Concen: 19.502 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion	41	Resp	59487
Ion Ratio	Lower	Upper	
41	100		
69	89.9	44.0	132.0
39	47.6	25.8	77.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#47

n-amvl Acetate

Concen: 18.815 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

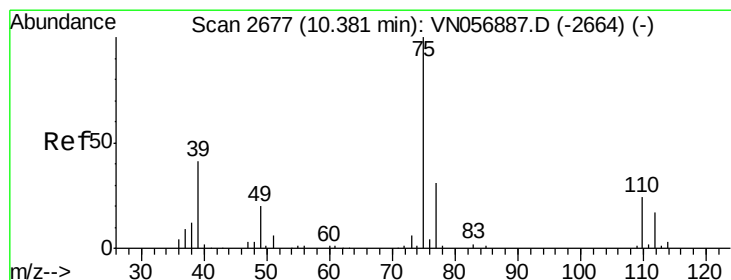
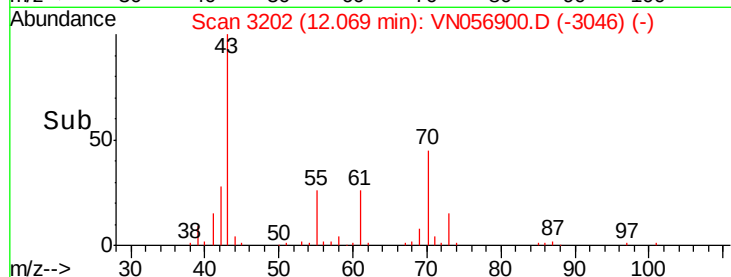
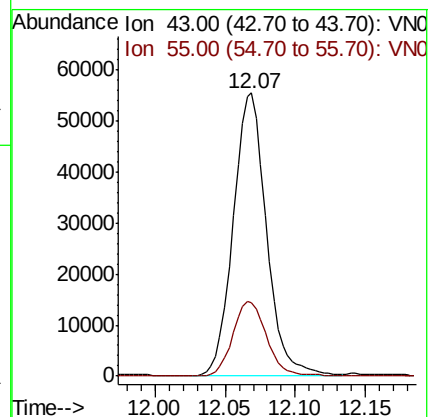
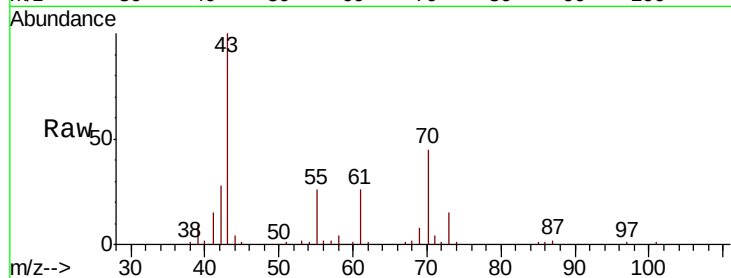
ClientSampleId :

Tot Ion: 43 Resp: 92095

Ion Ratio Lower Upper

43 100

55 26.7 21.3 31.9



#48

t-1,3-Dichloropropene

Concen: 18.606 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN056900.D

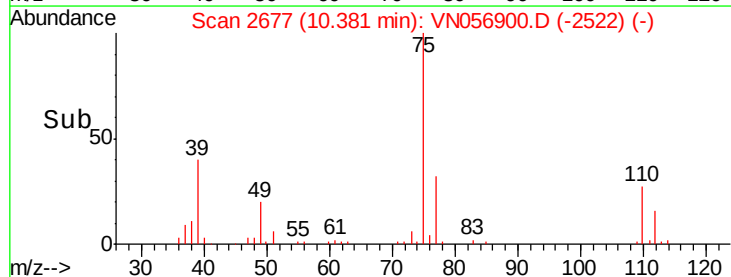
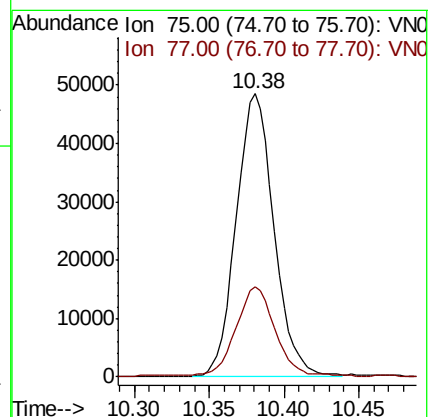
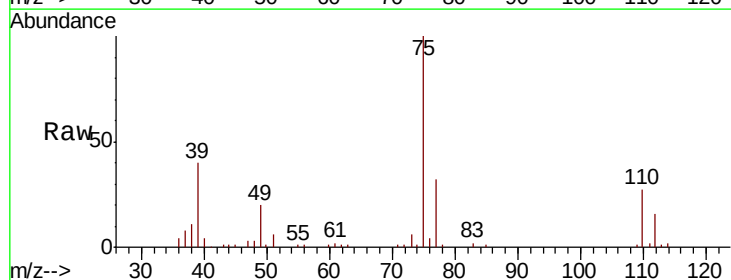
Acq: 24 Jul 2019 1:55

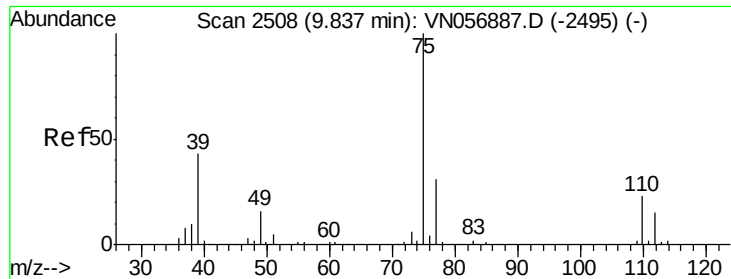
Tgt Ion: 75 Resp: 85493

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0



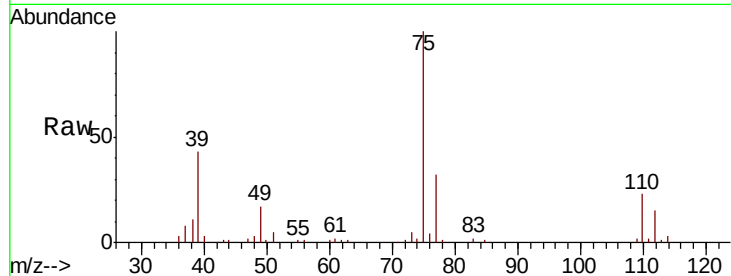


#49

cis-1,3-Dichloropropene
Concen: 19.035 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.4	36.6
39	43.1	34.2	51.4

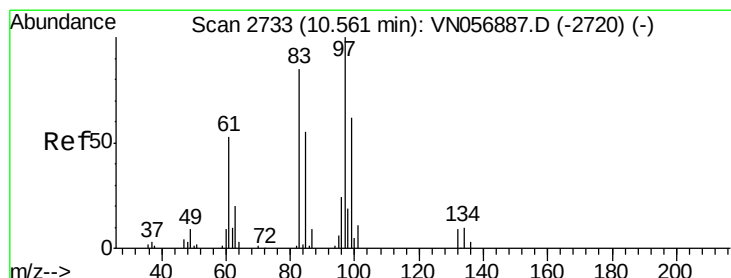
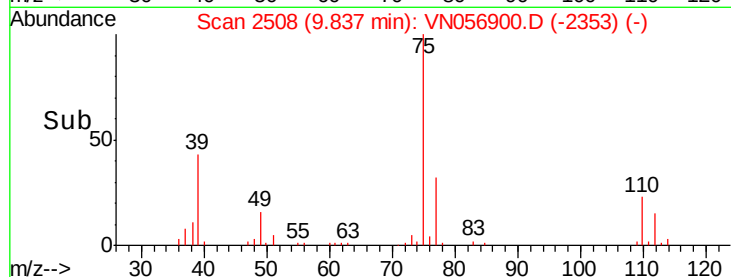
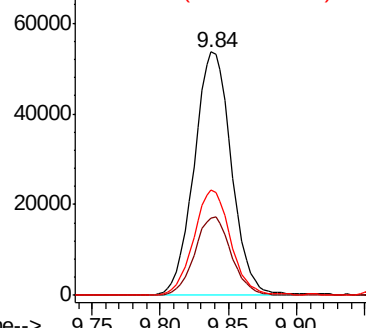


Abundance

Ion 75.00 (74.70 to 75.70): VNO

Ion 77.00 (76.70 to 77.70): VNO

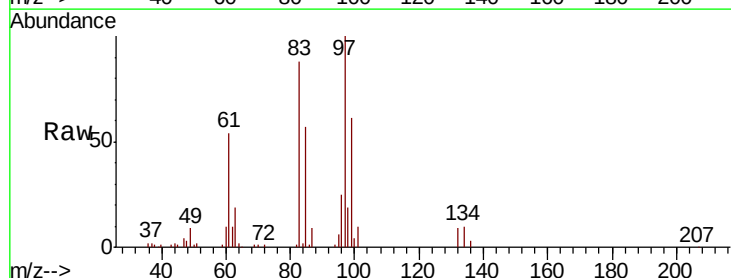
Ion 39.00 (38.70 to 39.70): VNO



#50

1,1,2-Trichloroethane
Concen: 20.673 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.4	102.6
85	56.8	44.3	66.5
99	61.2	49.4	74.2



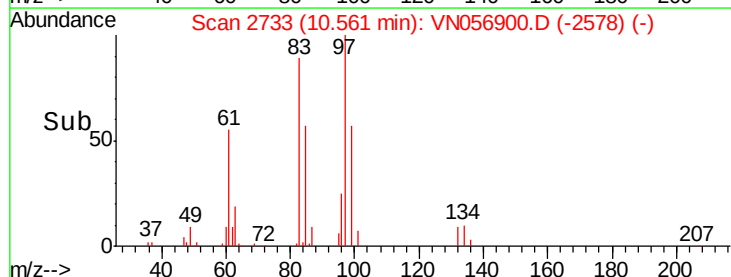
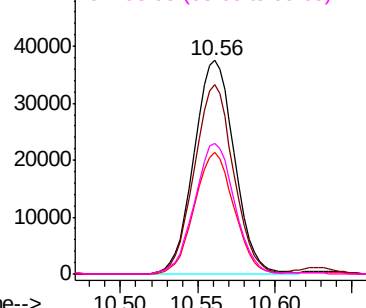
Abundance

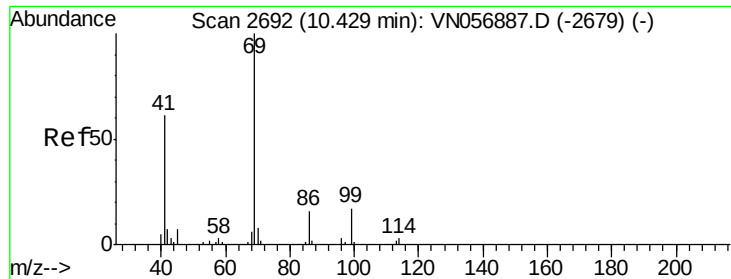
Ion 97.00 (96.70 to 97.70): VNO

Ion 82.95 (82.65 to 83.65): VNO

Ion 84.95 (84.65 to 85.65): VNO

Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 19.254 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampled :

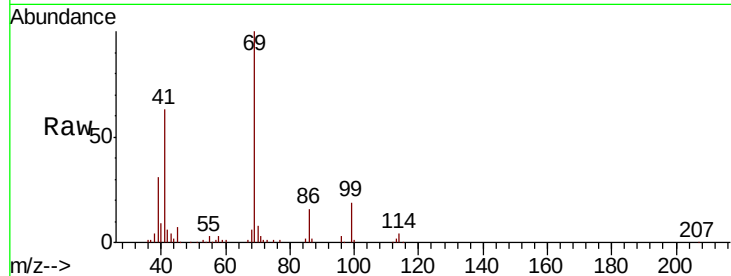
Tot Ion: 69 Resp: 91882

Ion Ratio Lower Upper

69 100

41 62.7 30.4 91.3

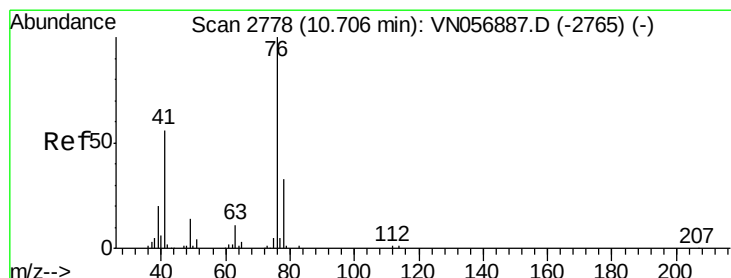
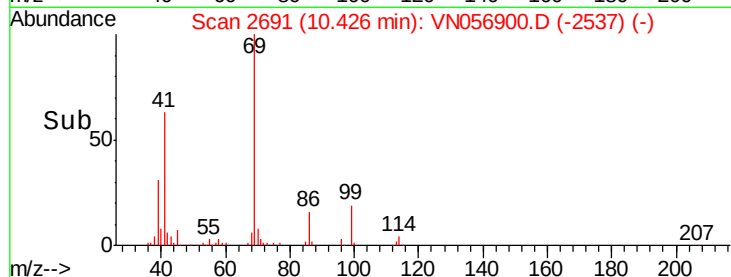
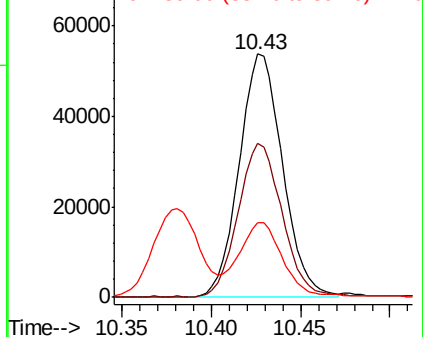
39 29.8 14.2 42.6



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 20.069 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN056900.D

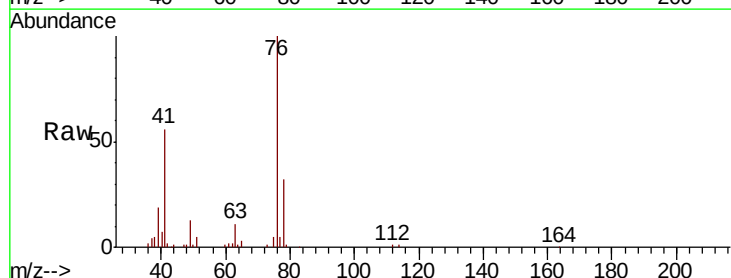
Acq: 24 Jul 2019 1:55

Tgt Ion: 76 Resp: 111743

Ion Ratio Lower Upper

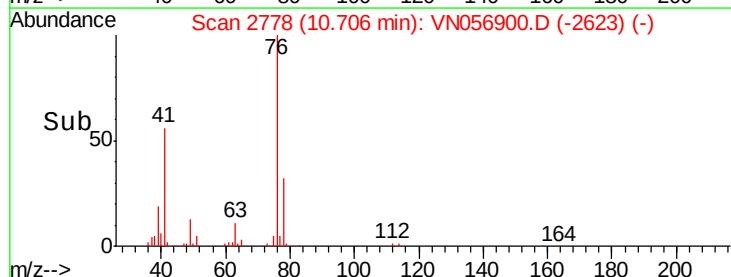
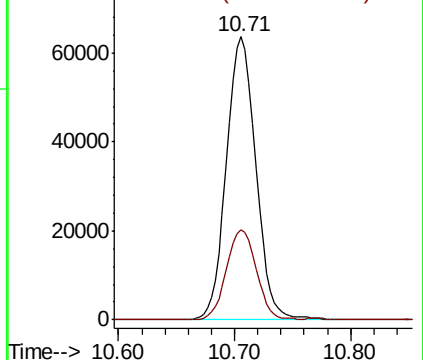
76 100

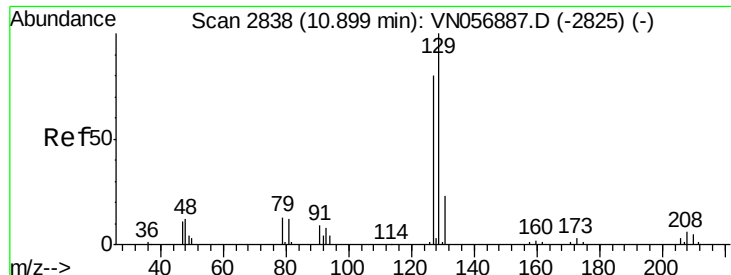
78 32.4 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.330 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

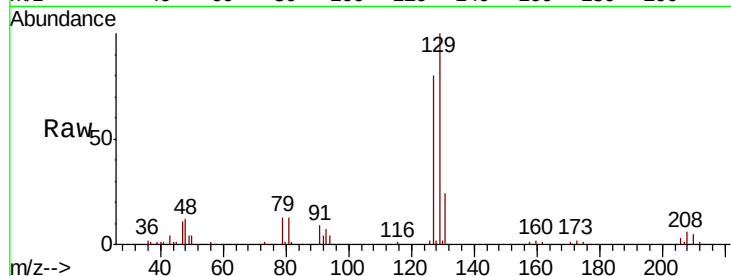
ClientSampleId :

Tot Ion:129 Resp: 66291

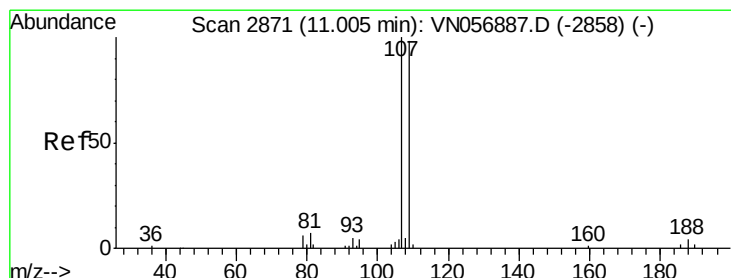
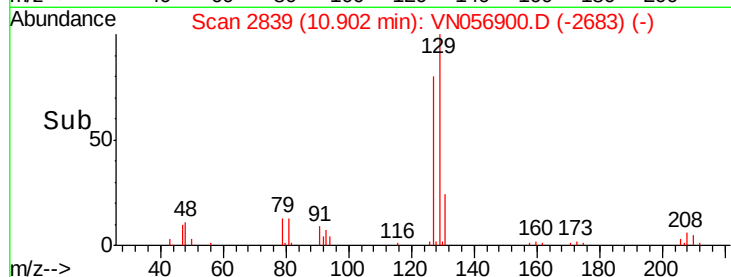
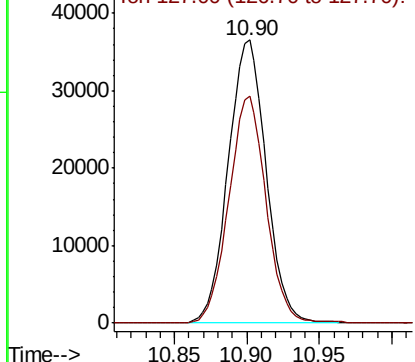
Ion Ratio Lower Upper

129 100

127 78.6 38.8 116.4



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



#54

1,2-Dibromoethane

Concen: 20.238 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056900.D

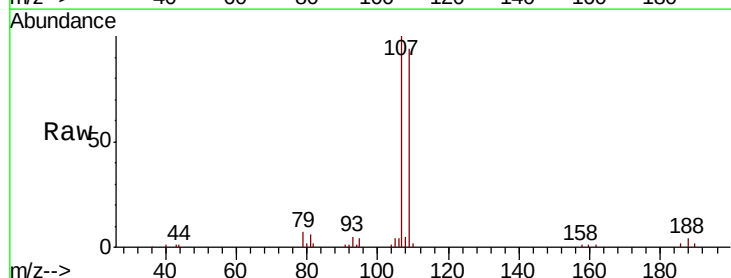
Acq: 24 Jul 2019 1:55

Tgt Ion:107 Resp: 68118

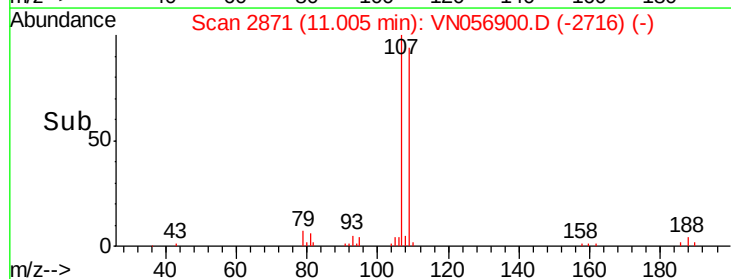
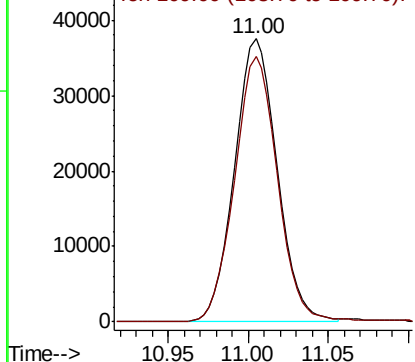
Ion Ratio Lower Upper

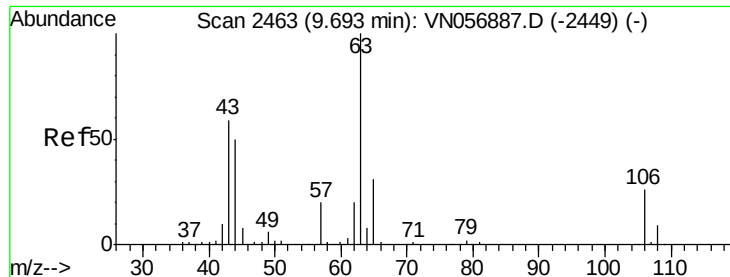
107 100

109 94.5 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

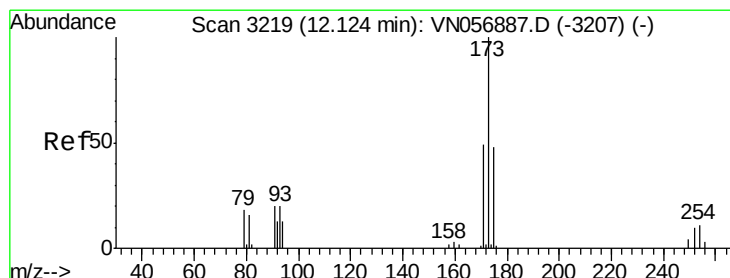
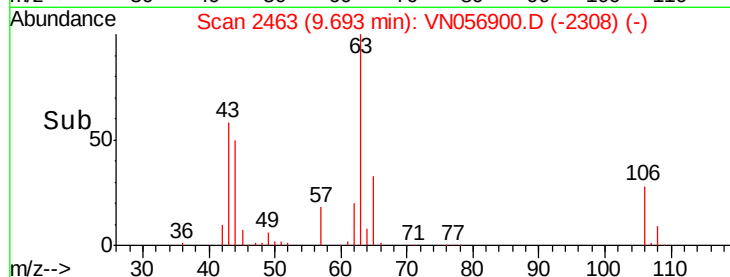
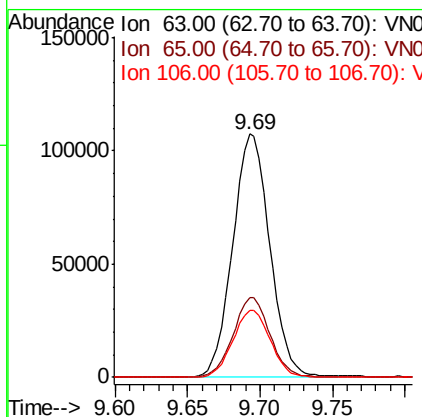
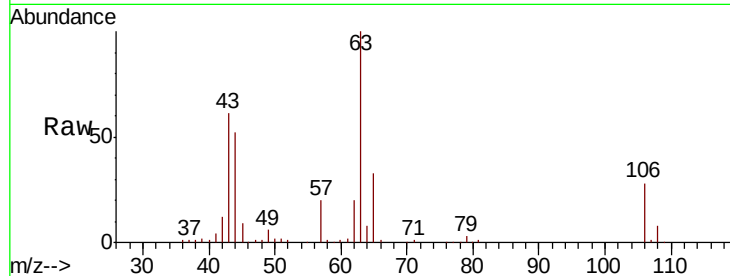




#55
2-Chloroethyl vinyl ether
Concen: 92.518 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

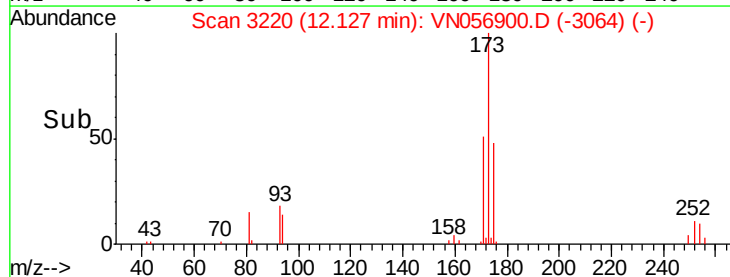
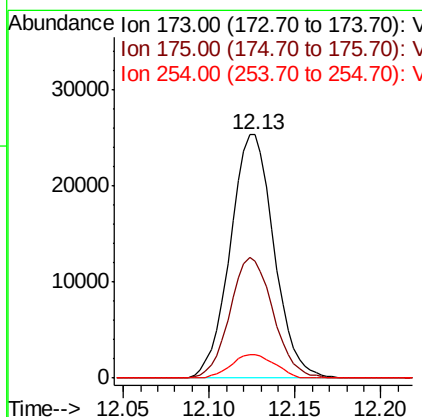
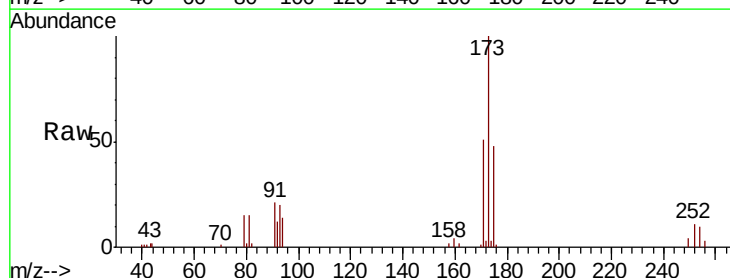
Instrument :
MSVOA_N
ClientSampleId :

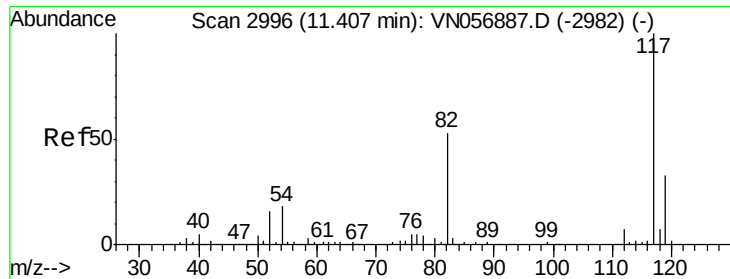
Tot Ion: 63 Resp: 191209
Ion Ratio Lower Upper
63 100
65 32.5 25.1 37.7
106 27.9 21.5 32.3



#56
Bromoform
Concen: 18.953 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 173 Resp: 44970
Ion Ratio Lower Upper
173 100
175 48.8 38.8 58.2
254 9.6 8.1 12.1

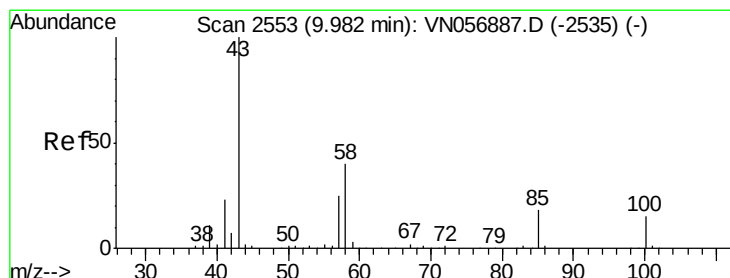
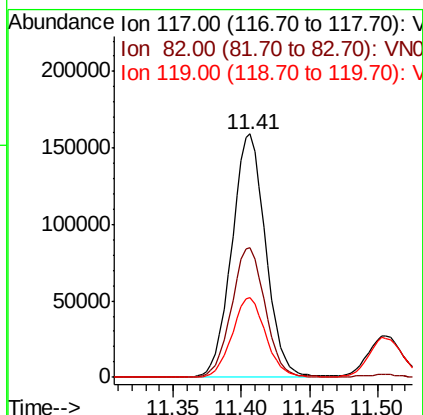
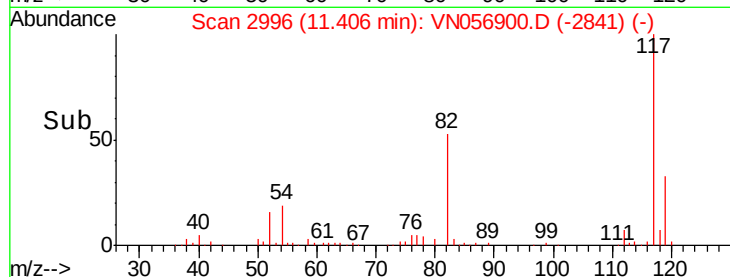
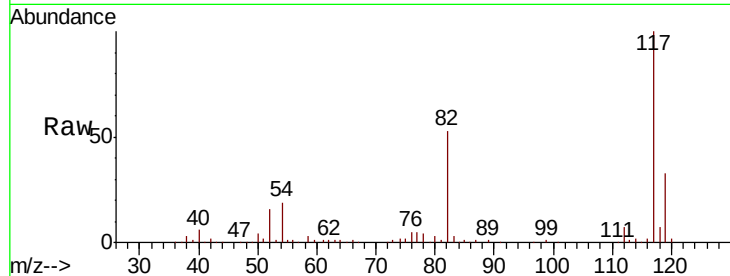




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

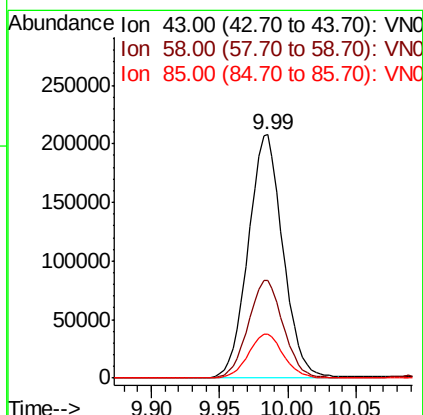
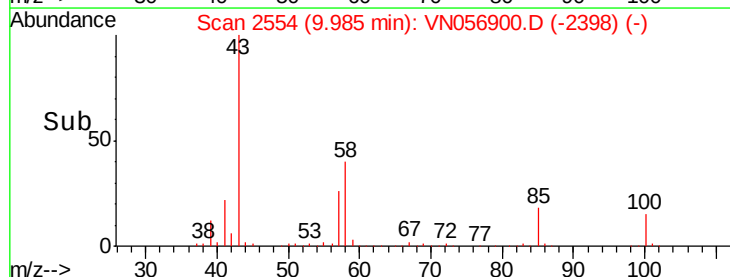
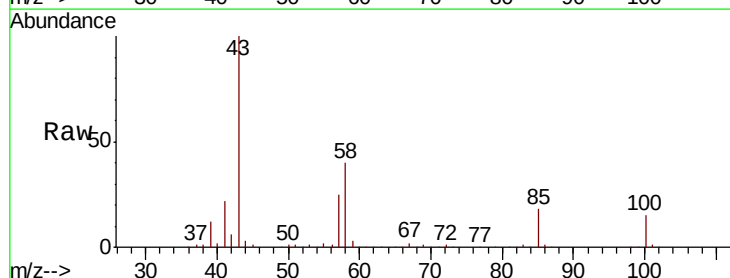
Instrument :
MSVOA_N
ClientSampled :

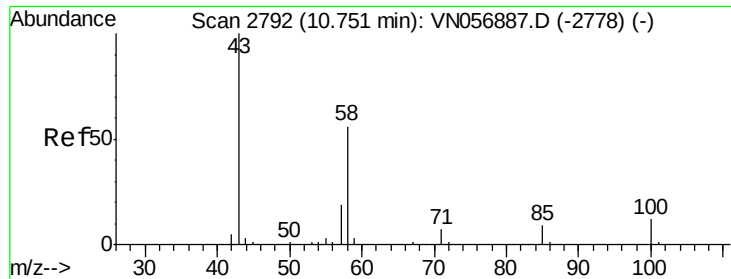
Tot Ion:117 Resp: 274517
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.3 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 99.680 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 43 Resp: 367211
Ion Ratio Lower Upper
43 100
58 40.7 31.7 47.5
85 18.3 14.5 21.7

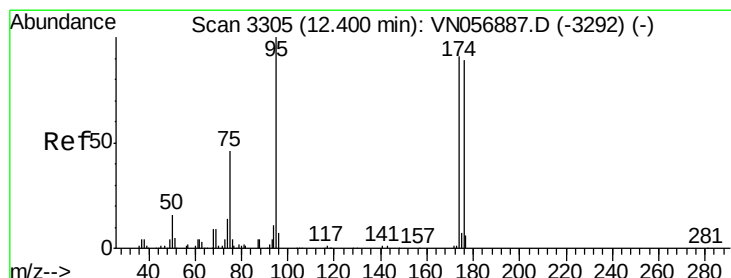
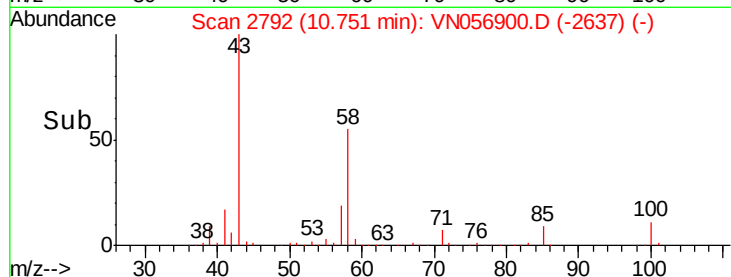
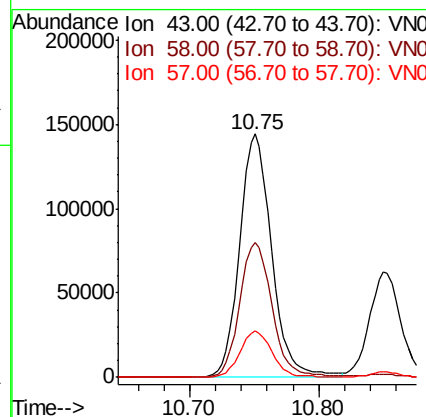
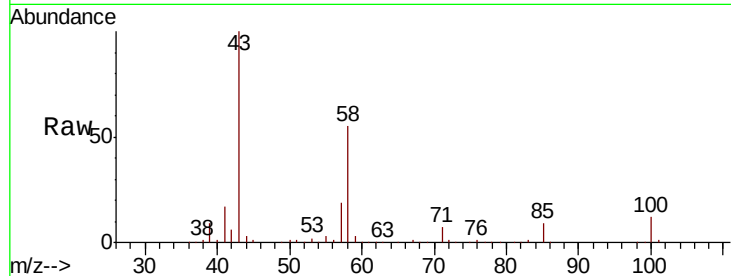




#59
2-Hexanone
Concen: 98.884 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

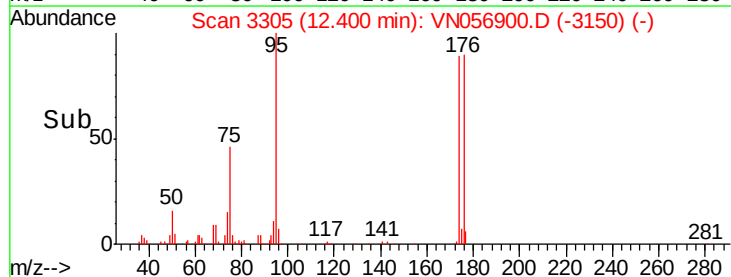
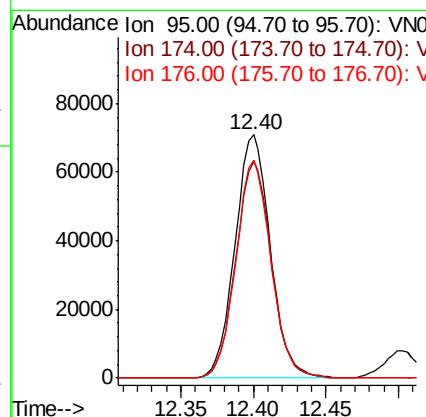
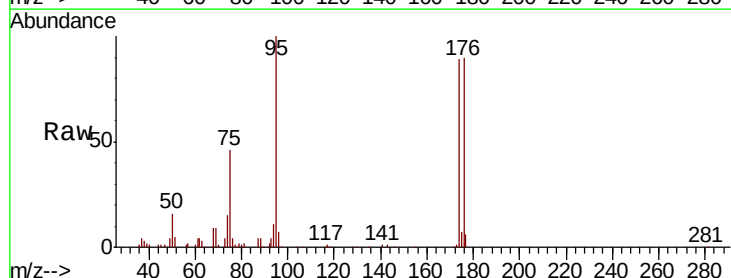
Instrument :
MSVOA_N
ClientSampleId :

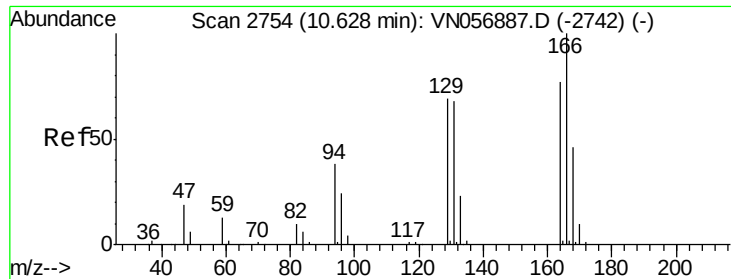
Tot Ion: 43 Resp: 248227
Ion Ratio Lower Upper
43 100
58 56.3 45.0 67.4
57 19.2 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.159 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 95 Resp: 119971
Ion Ratio Lower Upper
95 100
174 89.7 71.9 107.9
176 88.7 69.8 104.8

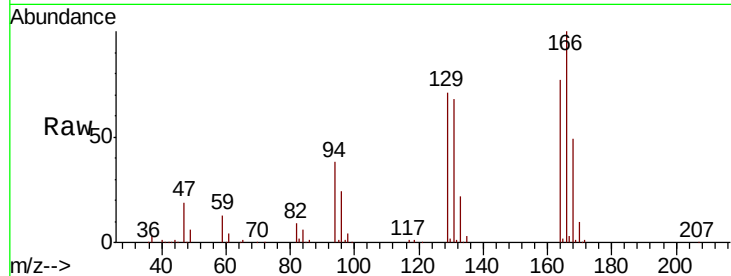




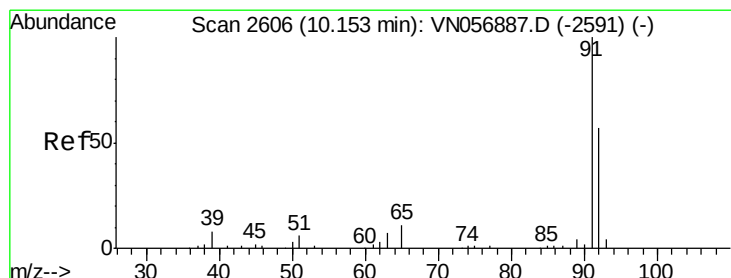
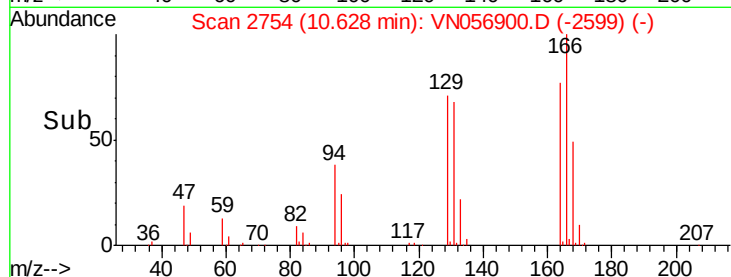
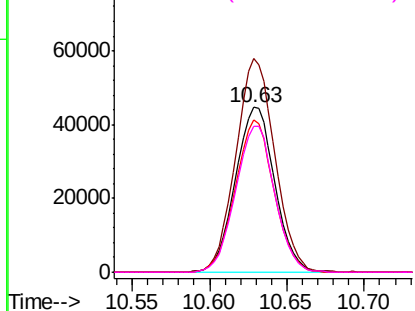
#61
Tetrachloroethene
Concen: 20.594 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:164 Resp: 79233
Ion Ratio Lower Upper
164 100
166 129.6 103.9 155.9
129 92.3 72.4 108.6
131 88.7 70.3 105.5

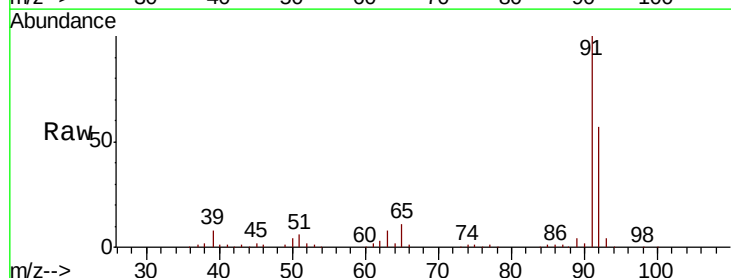


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

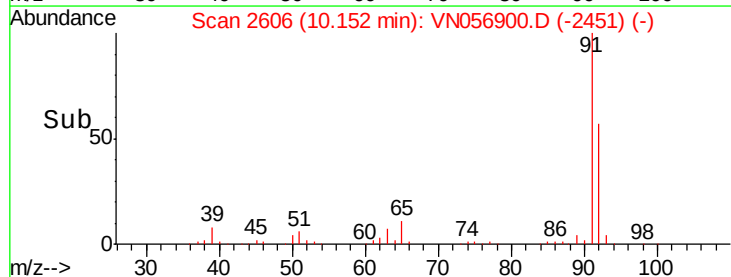
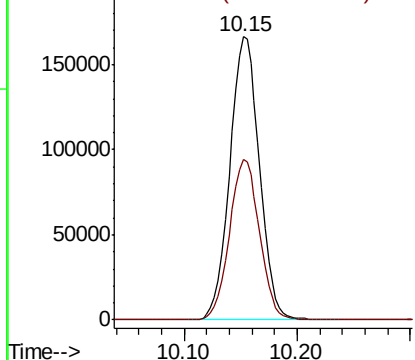


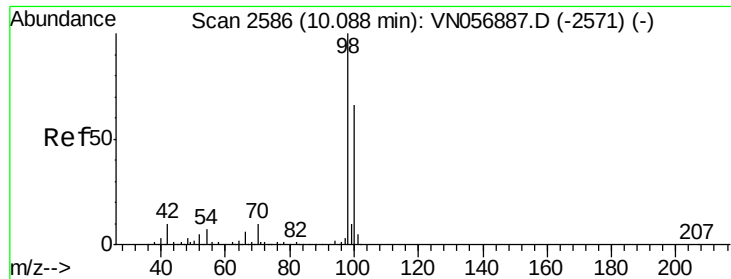
#62
Toluene
Concen: 20.294 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion: 91 Resp: 302997
Ion Ratio Lower Upper
91 100
92 57.3 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.440 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

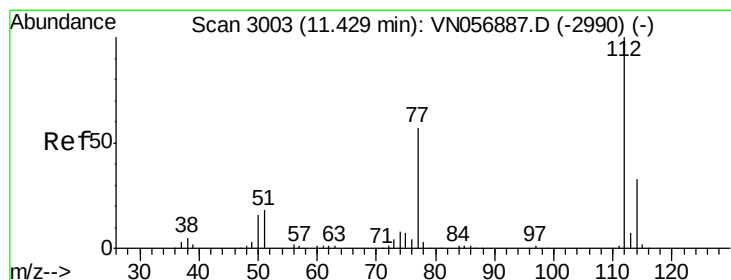
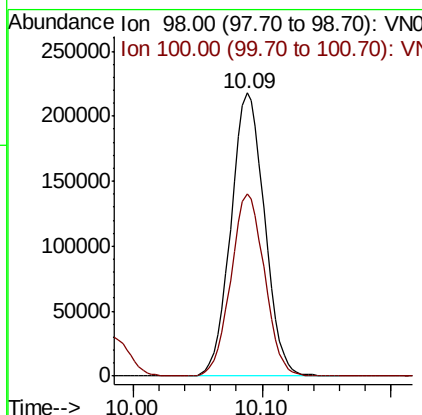
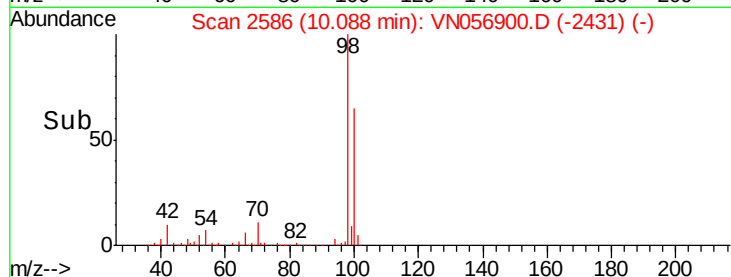
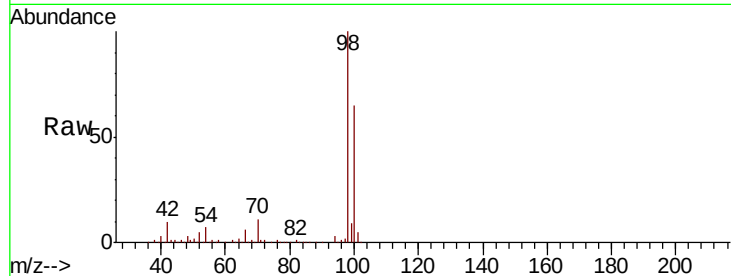
ClientSampleId :

Tot Ion: 98 Resp: 394737

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.2



#64

Chlorobenzene

Concen: 20.138 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056900.D

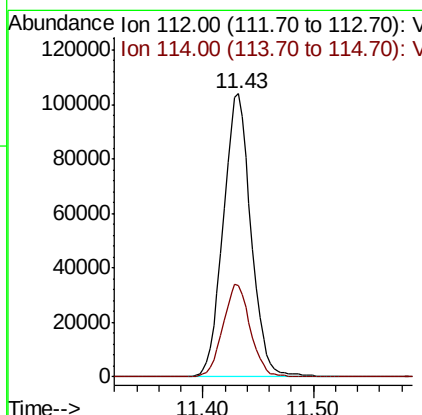
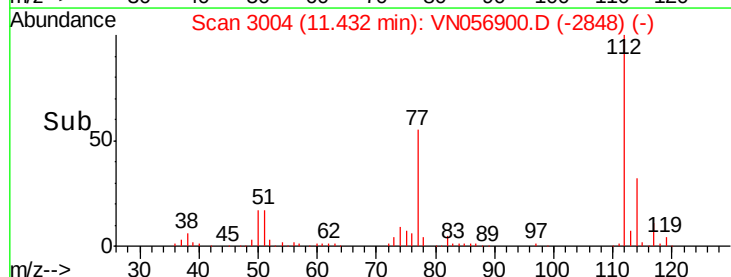
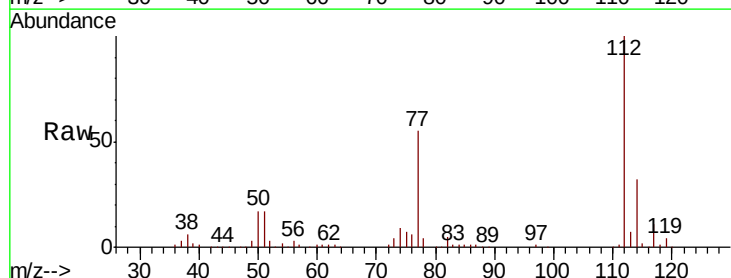
Acq: 24 Jul 2019 1:55

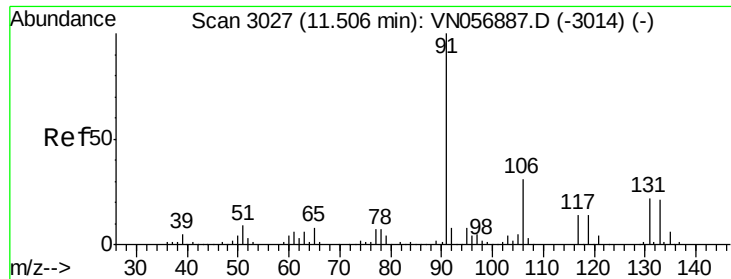
Tgt Ion: 112 Resp: 181104

Ion Ratio Lower Upper

112 100

114 32.4 26.7 40.1





#65

1,1,1,2-Tetrachloroethane

Concen: 19.960 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampled :

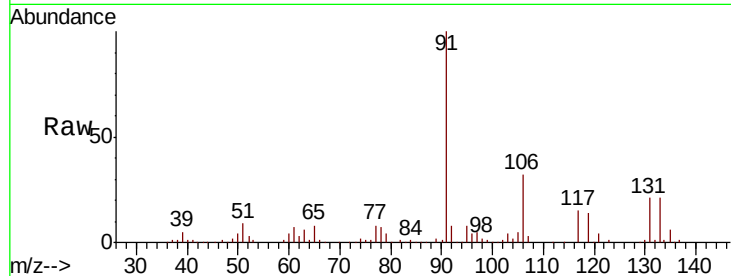
Tot Ion:131 Resp: 67990

Ion Ratio Lower Upper

131 100

133 97.6 0.0 189.6

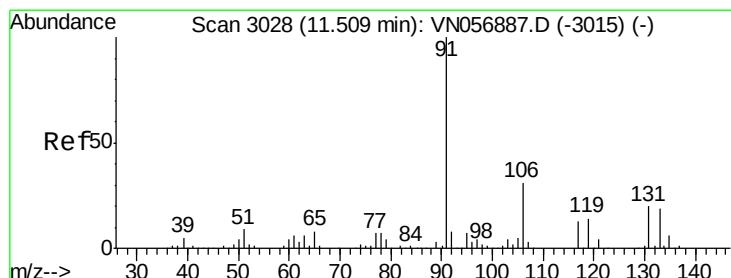
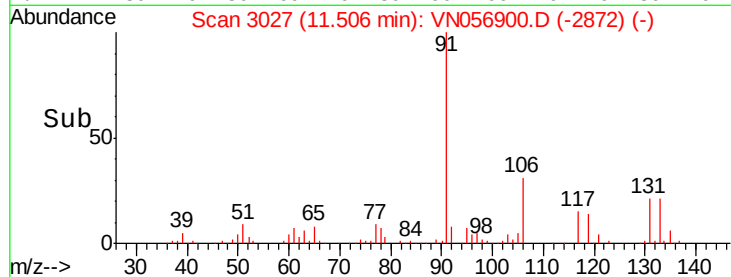
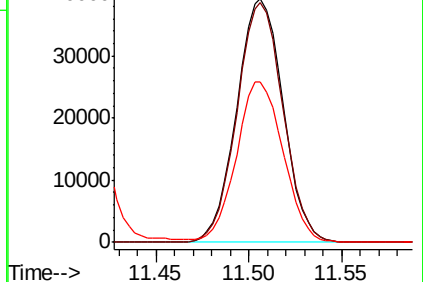
119 66.7 0.0 133.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.933 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN056900.D

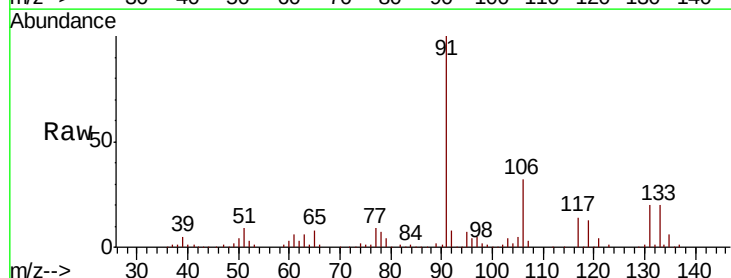
Acq: 24 Jul 2019 1:55

Tgt Ion: 91 Resp: 313599

Ion Ratio Lower Upper

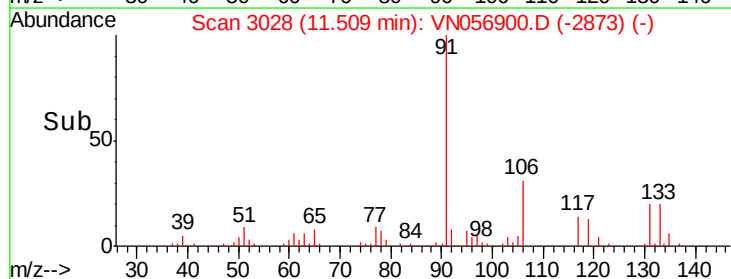
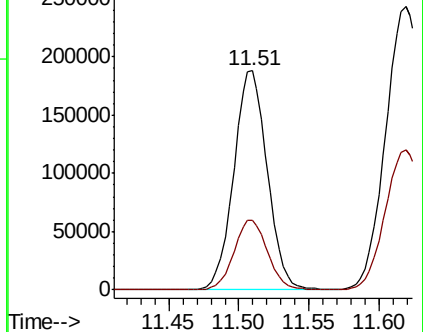
91 100

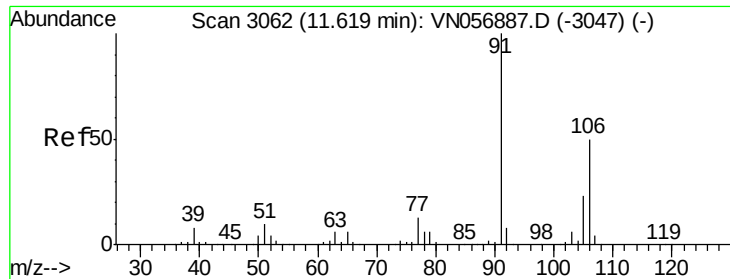
106 31.7 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

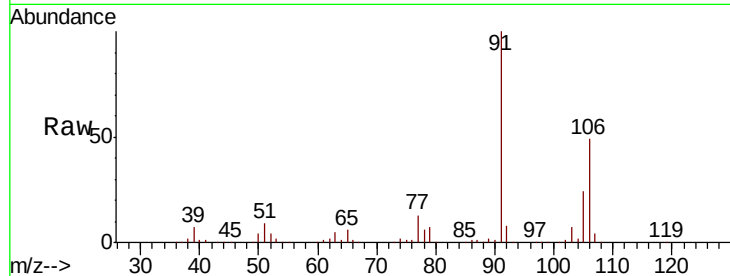




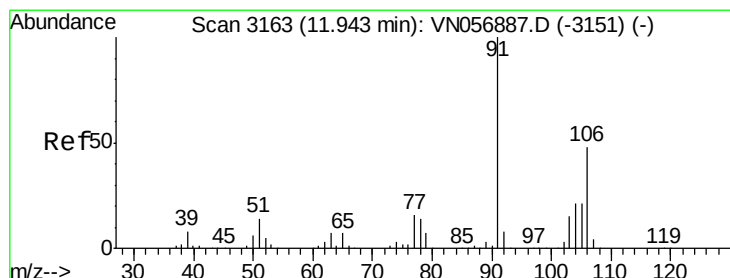
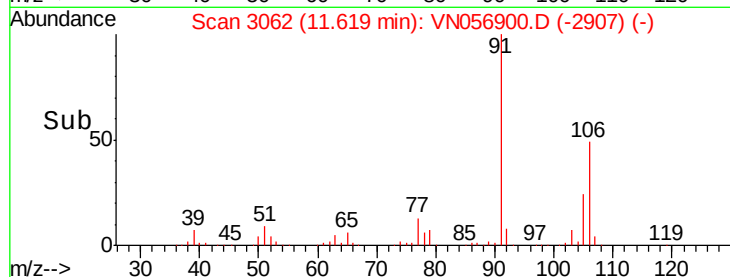
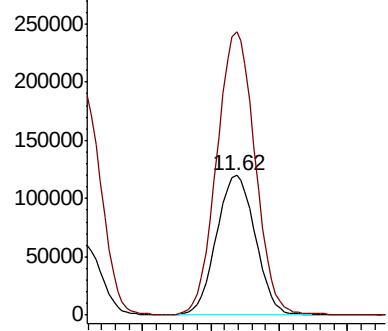
#67
m/p-Xylenes
Concen: 40.340 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 236670
Ion Ratio Lower Upper
106 100
91 200.1 160.6 240.8

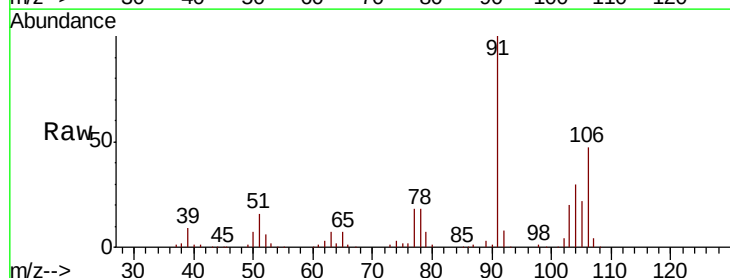


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

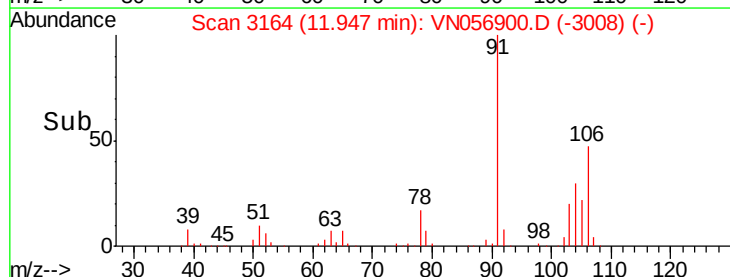
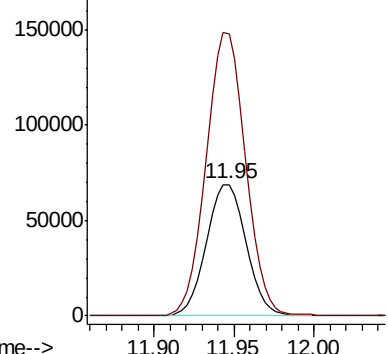


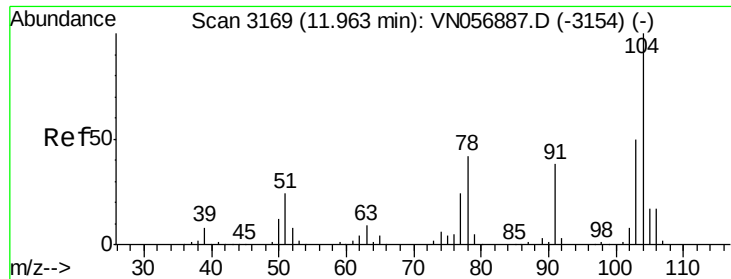
#68
o-Xylene
Concen: 20.213 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056900.D
Acq: 24 Jul 2019 1:55

Tgt Ion:106 Resp: 116592
Ion Ratio Lower Upper
106 100
91 213.9 106.2 318.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#69

Stvrene

Concen: 19.762 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

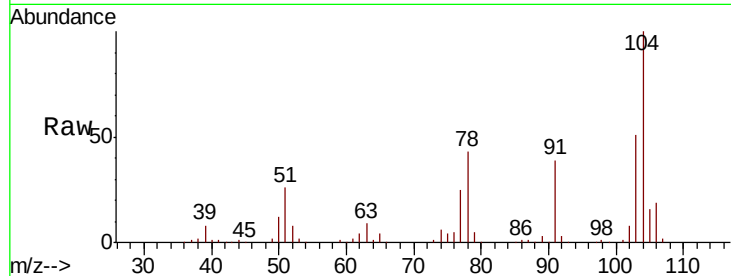
Tot Ion:104 Resp: 184724

Ion Ratio Lower Upper

104 100

78 48.1 38.5 57.7

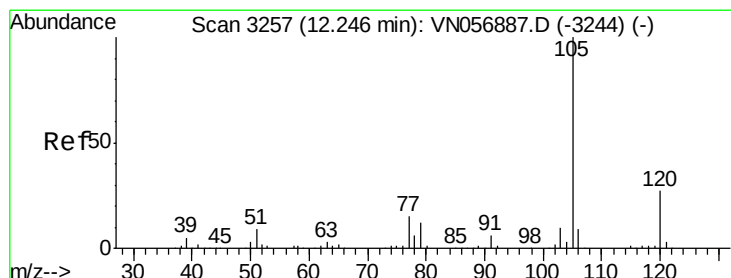
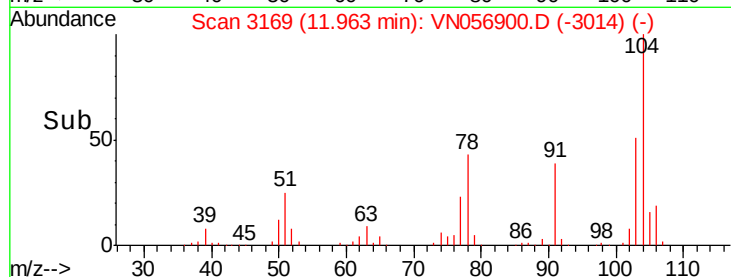
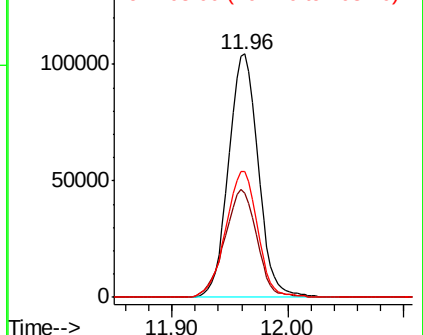
103 55.8 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 20.212 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056900.D

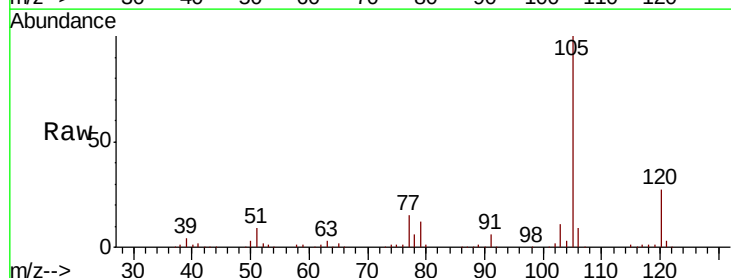
Acq: 24 Jul 2019 1:55

Tgt Ion:105 Resp: 306973

Ion Ratio Lower Upper

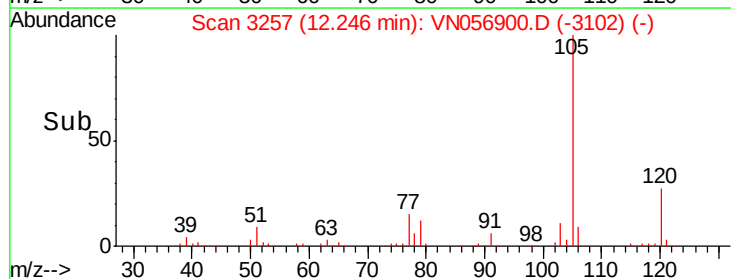
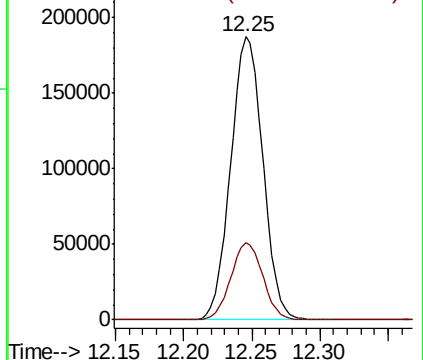
105 100

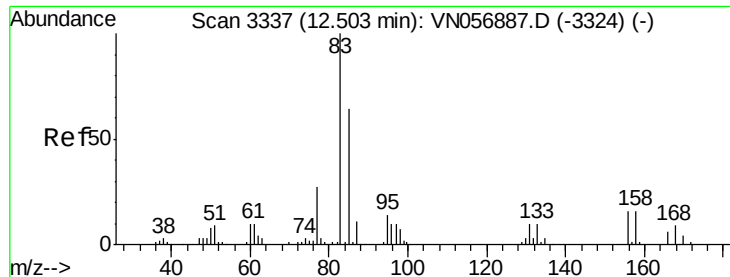
120 27.1 18.7 34.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

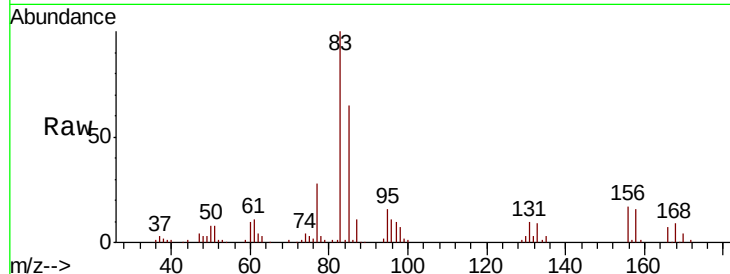




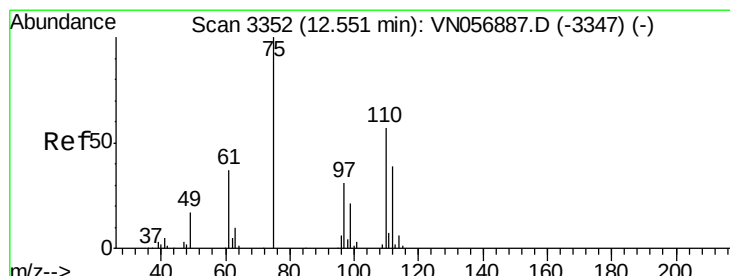
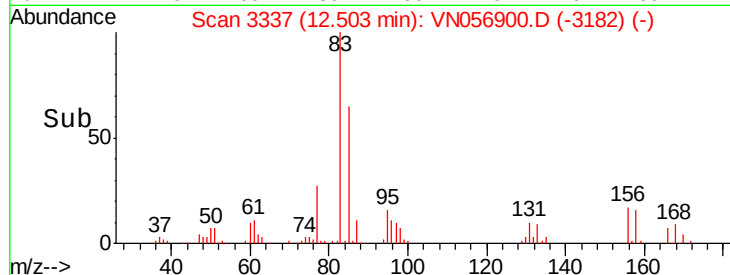
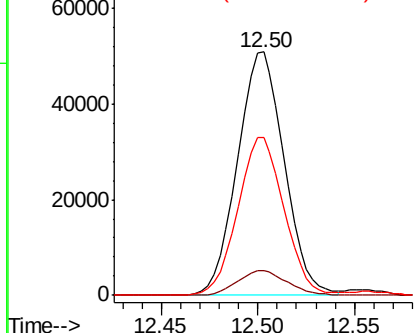
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.179 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	83	Resp	85842
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.2
85	64.1	31.8	95.4

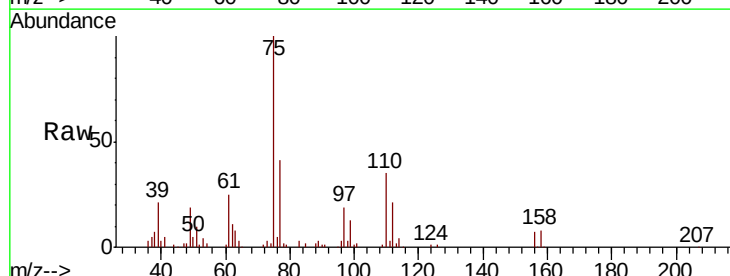


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

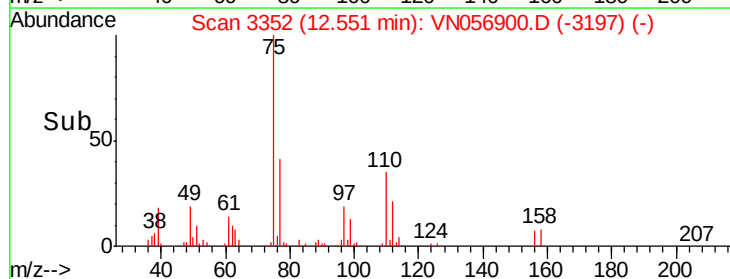
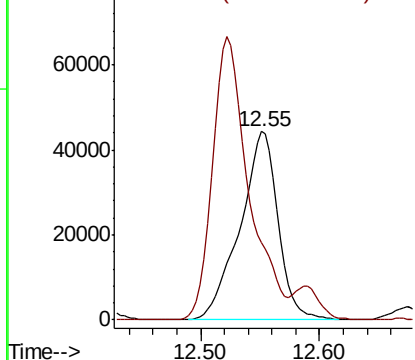


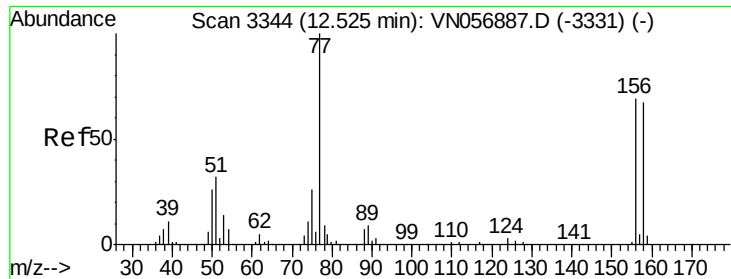
#72
 1,2,3-Trichloropropane
 Concen: 26.238 ug/l
 RT: 12.55 min Scan# 3352
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion	75	Resp	98205
Ion Ratio	Lower	Upper	
75	100		
77	143.0	0.0	378.6



Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 19.677 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampled :

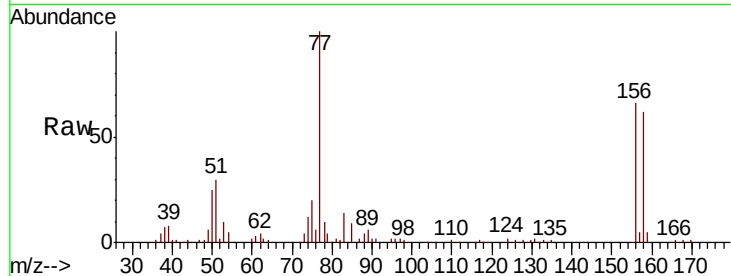
Tot Ion:156 Resp: 77117

Ion Ratio Lower Upper

156 100

77 182.1 0.0 364.6

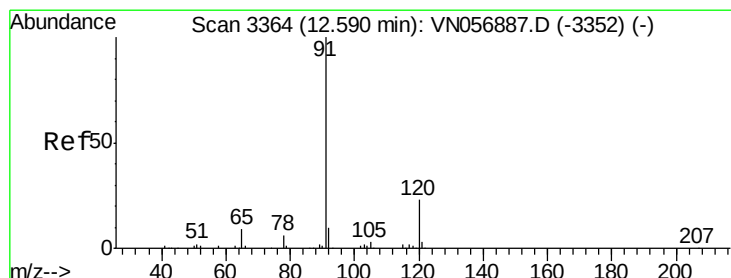
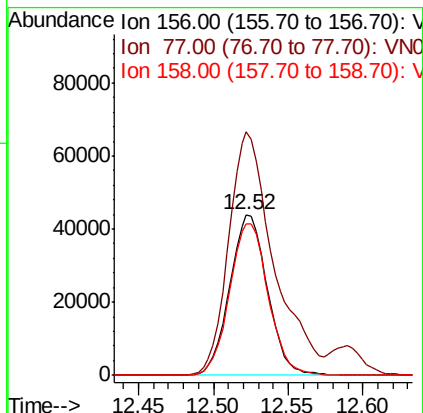
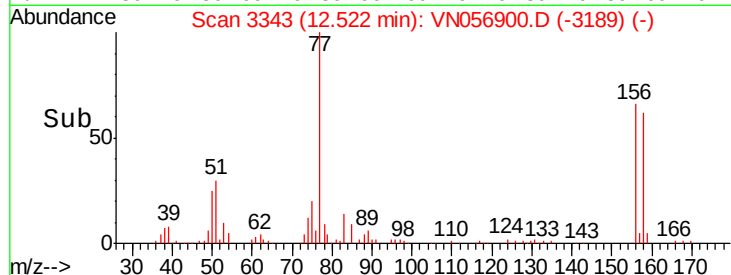
158 96.5 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.787 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056900.D

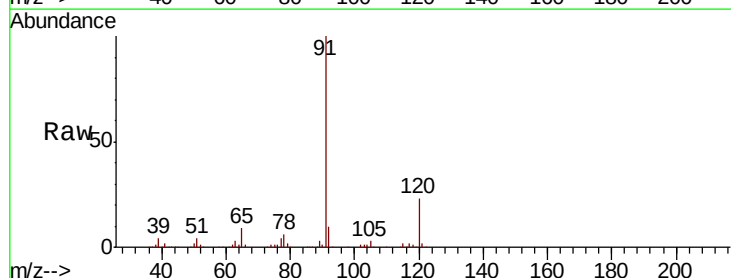
Acq: 24 Jul 2019 1:55

Tgt Ion: 91 Resp: 328591

Ion Ratio Lower Upper

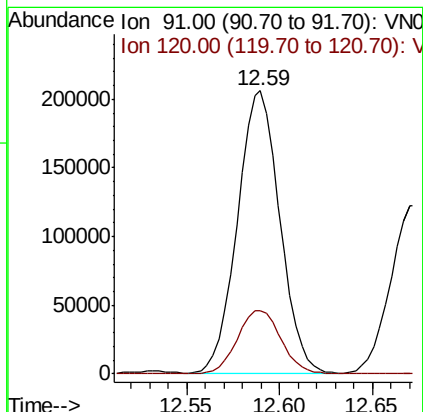
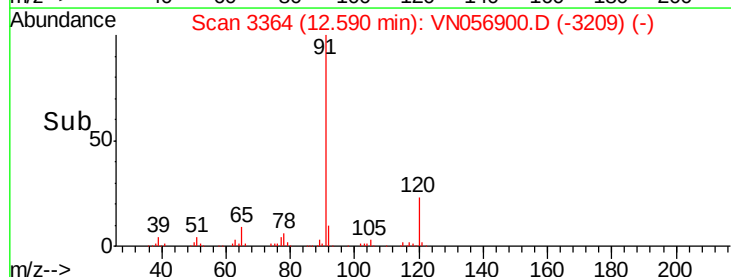
91 100

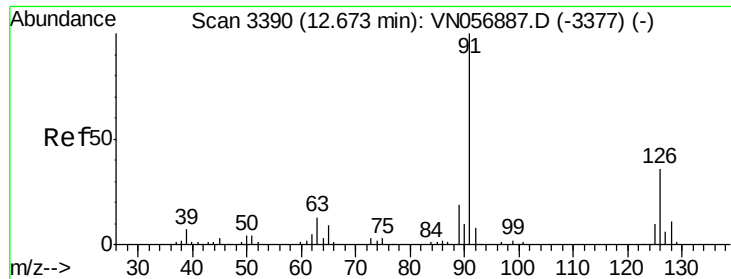
120 23.1 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

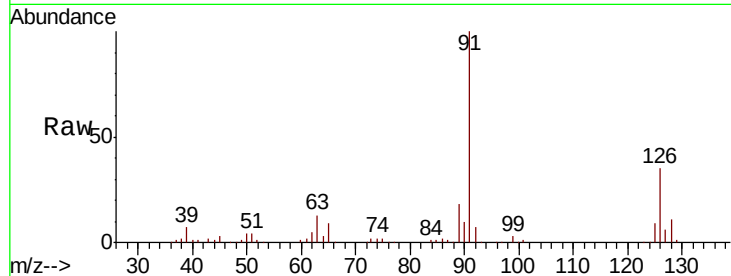




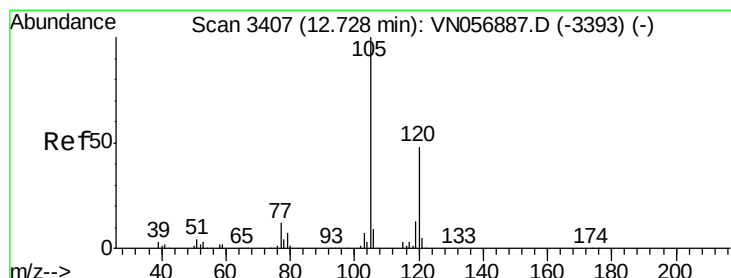
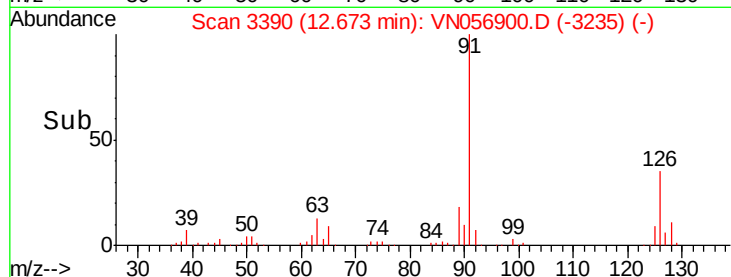
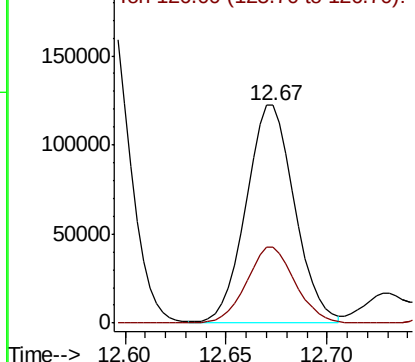
#75
 2-Chlorotoluene
 Concen: 20.410 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 205493
 Ion Ratio Lower Upper
 91 100
 126 34.9 0.0 70.8

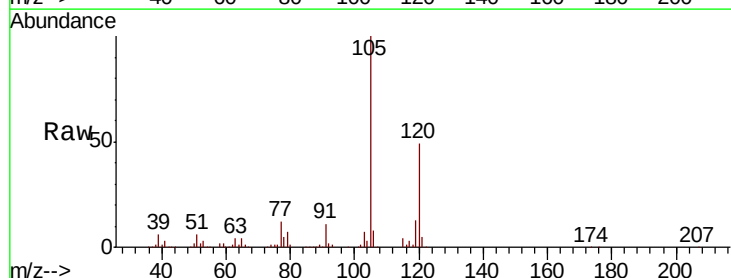


Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 126.00 (125.70 to 126.70): V

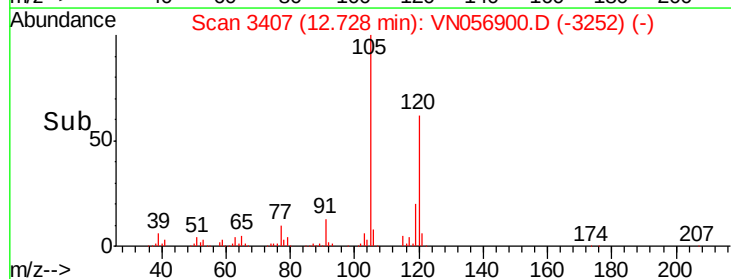
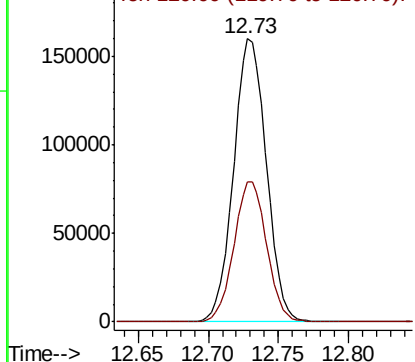


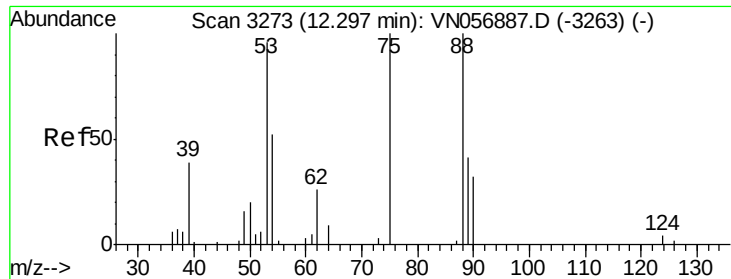
#76
 1,3,5-Trimethylbenzene
 Concen: 20.347 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion: 105 Resp: 260157
 Ion Ratio Lower Upper
 105 100
 120 49.6 0.0 97.2



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





#77

t-1,4-Dichloro-2-butene

Concen: 16.812 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

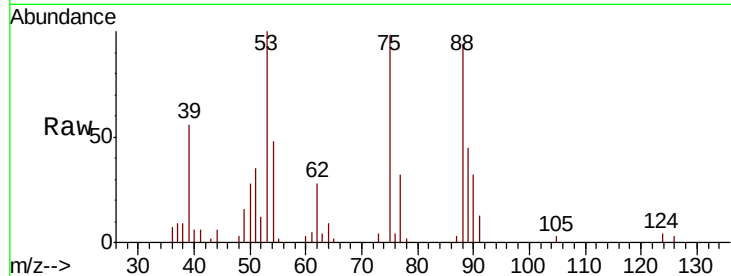
Tot Ion: 75 Resp: 19757

Ion	Ratio	Lower	Upper
75	100		
53	100.6	48.0	144.0
89	46.0	21.4	64.3

75 100

53 100.6 48.0 144.0

89 46.0 21.4 64.3

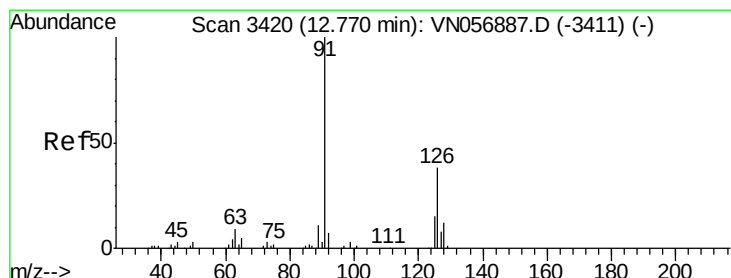
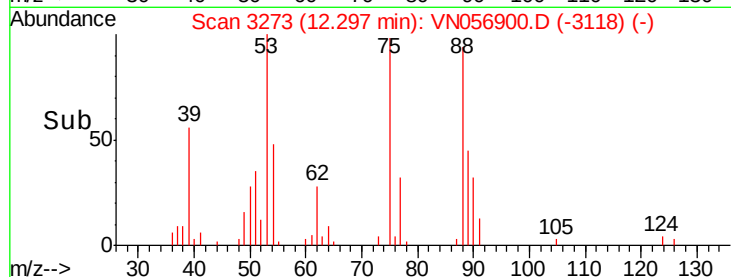
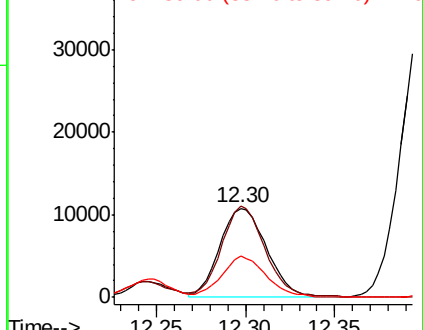


Abundance

Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.467 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056900.D

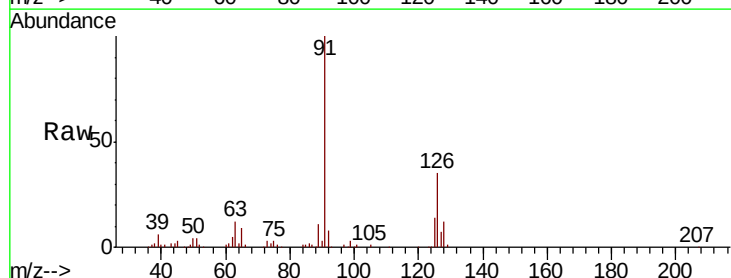
Acq: 24 Jul 2019 1:55

Tgt Ion: 91 Resp: 186308

Ion	Ratio	Lower	Upper
91	100		
126	34.9	0.0	69.6

91 100

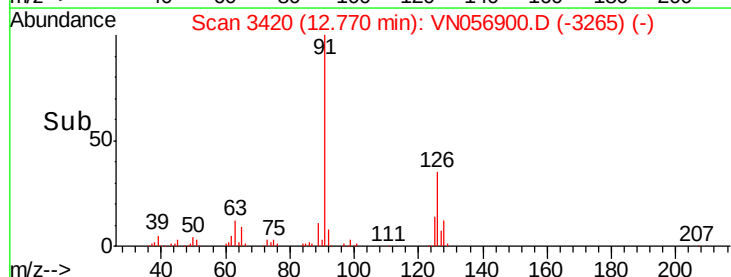
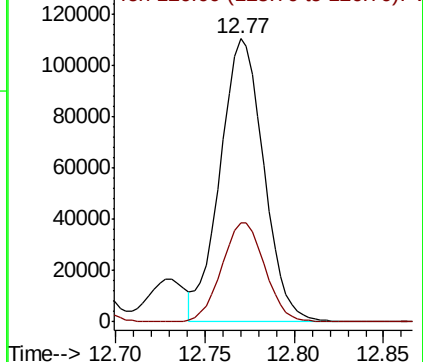
126 34.9 0.0 69.6

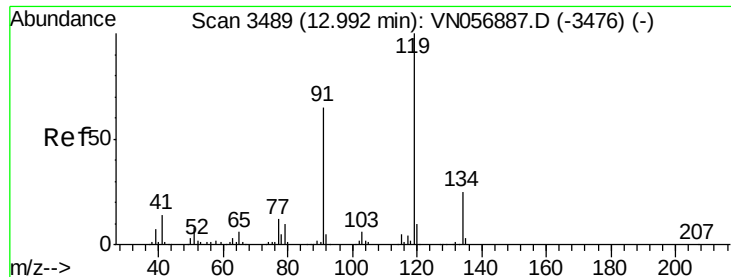


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 20.110 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampled :

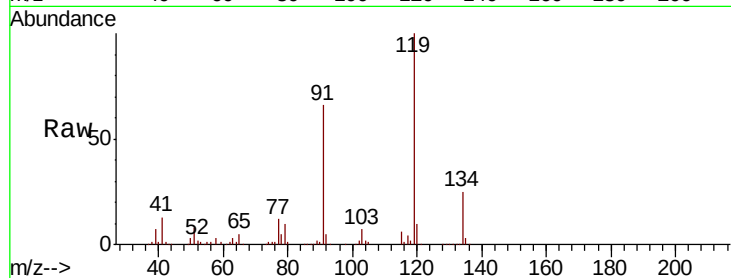
Tot Ion:119 Resp: 221880

Ion Ratio Lower Upper

119 100

91 63.5 0.0 126.8

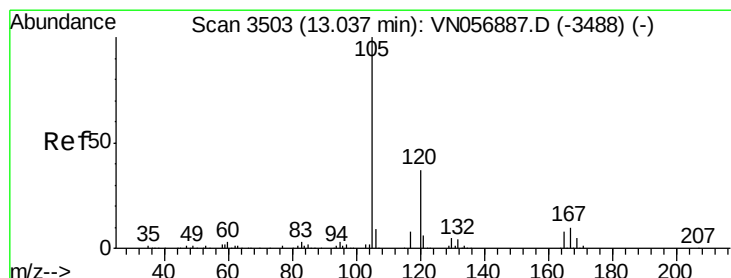
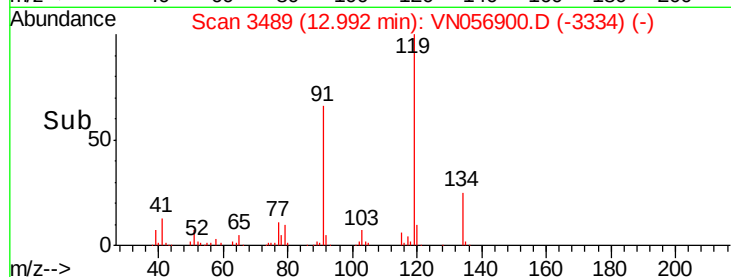
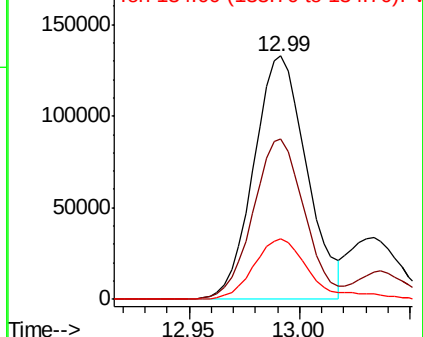
134 24.3 0.0 48.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.179 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN056900.D

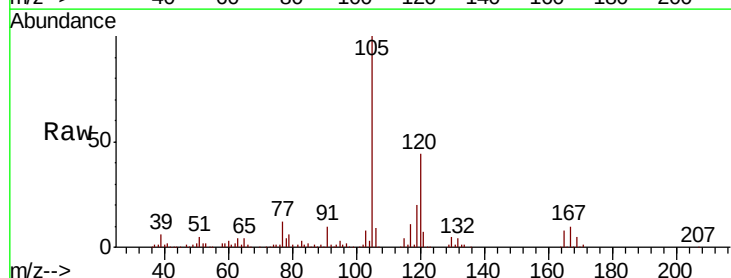
Acq: 24 Jul 2019 1:55

Tgt Ion:105 Resp: 251519

Ion Ratio Lower Upper

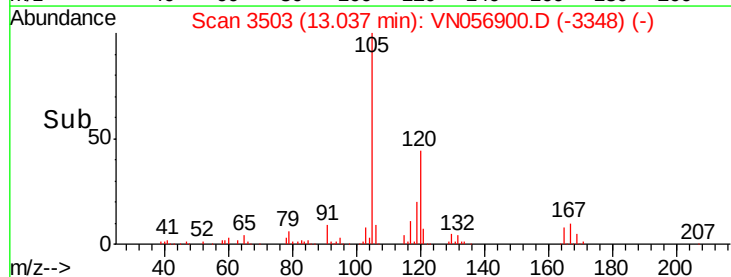
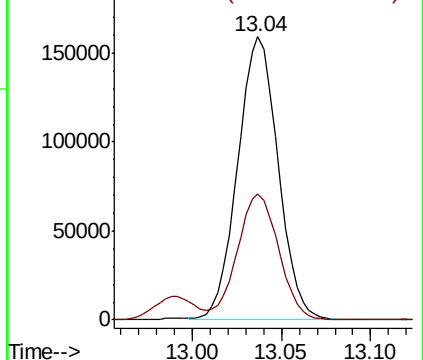
105 100

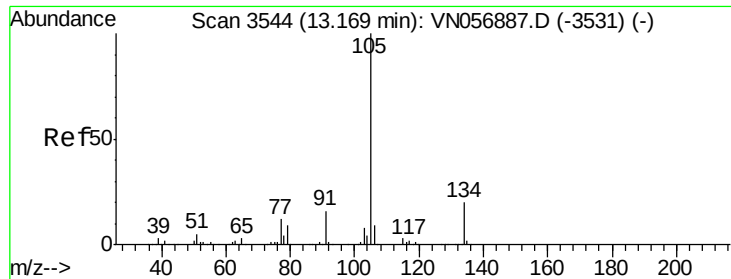
120 45.6 0.0 90.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.804 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

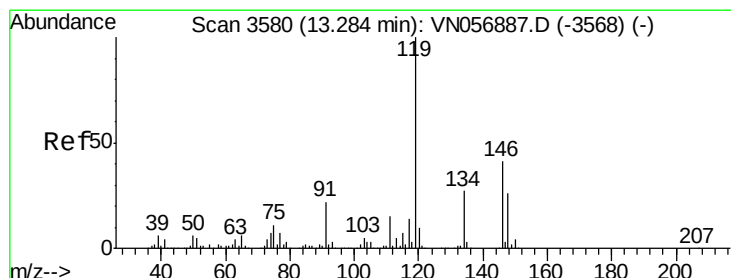
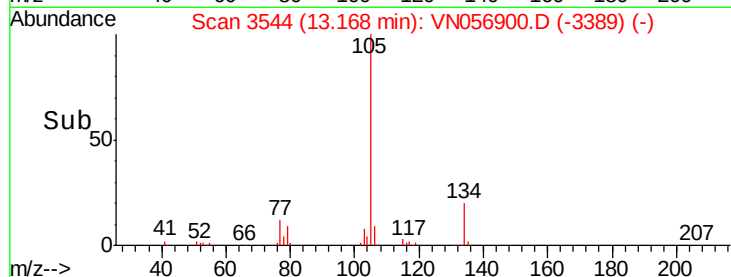
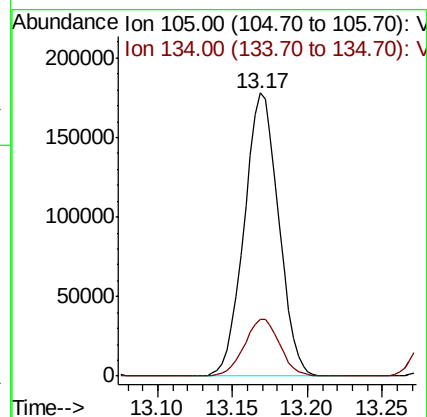
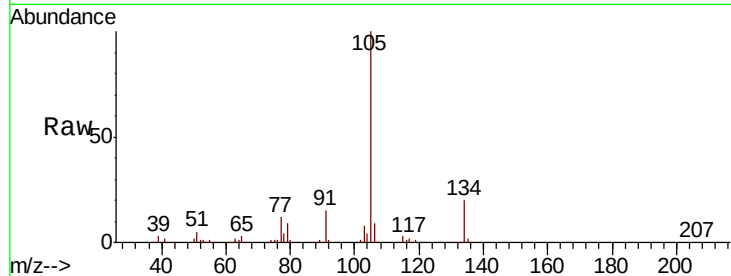
ClientSampleId :

Tot Ion:105 Resp: 285281

Ion Ratio Lower Upper

105 100

134 20.6 0.0 41.2



#82

p-Isopropyltoluene

Concen: 19.671 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

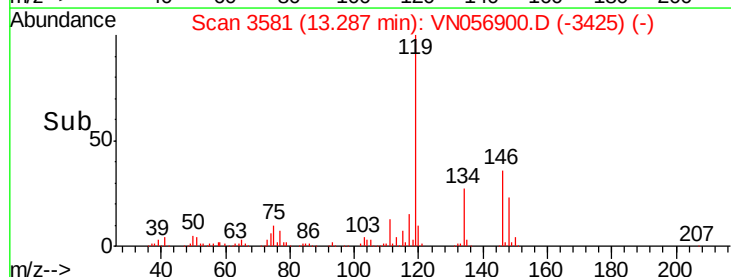
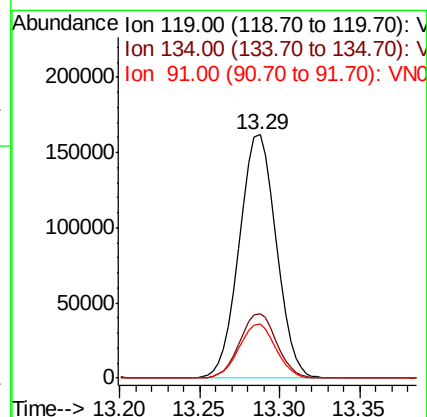
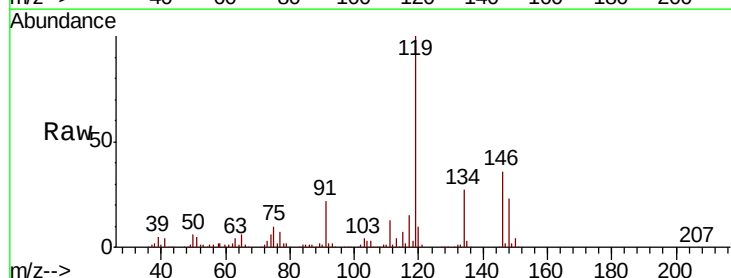
Tgt Ion:119 Resp: 254491

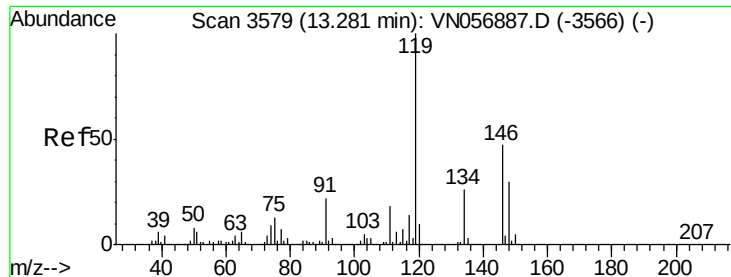
Ion Ratio Lower Upper

119 100

134 26.5 0.0 53.2

91 22.2 0.0 44.0

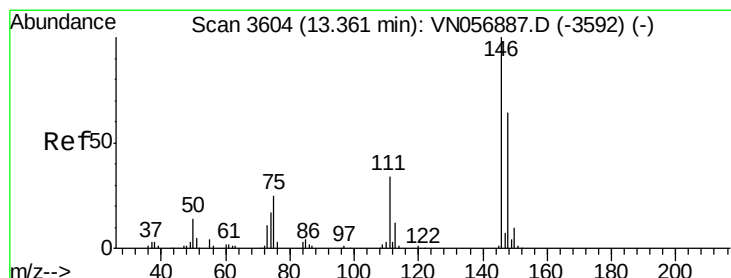
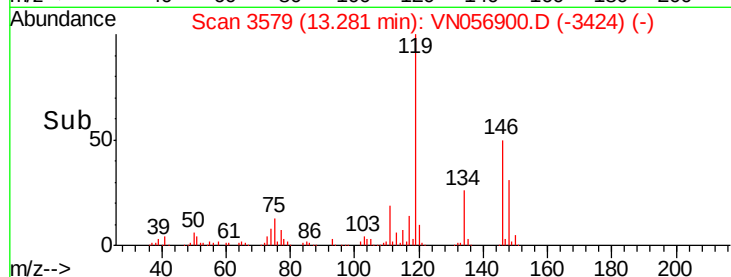
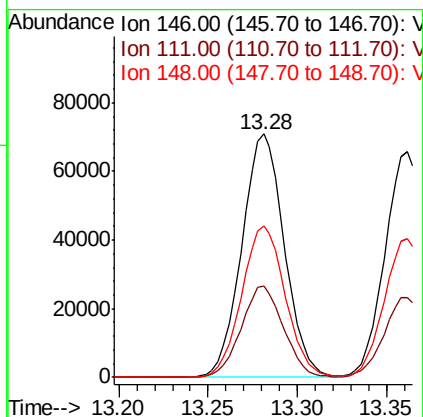
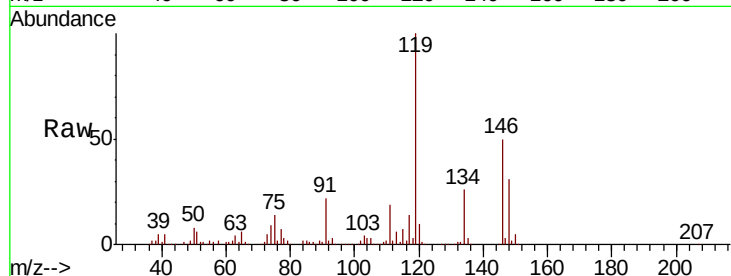




#83
 1,3-Dichlorobenzene
 Concen: 19.084 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

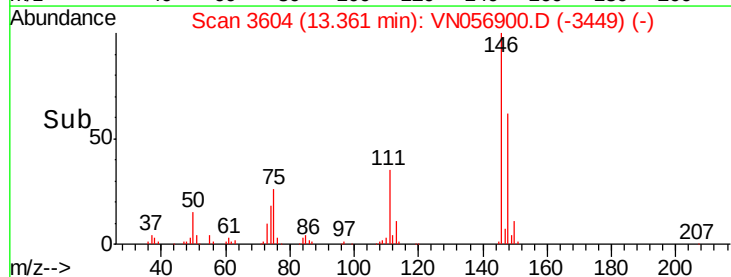
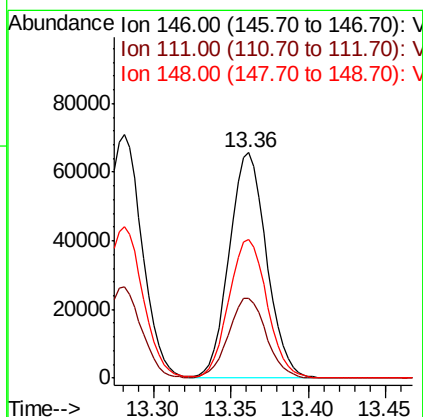
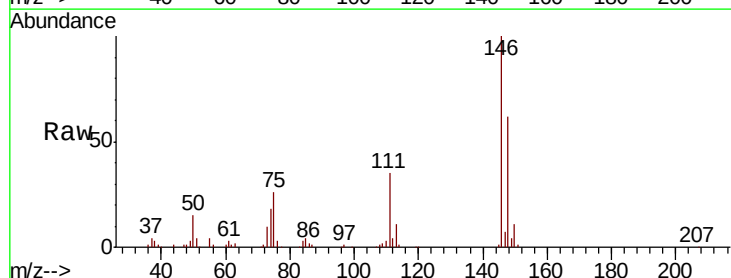
Instrument :
 MSVOA_N
 ClientSampled :

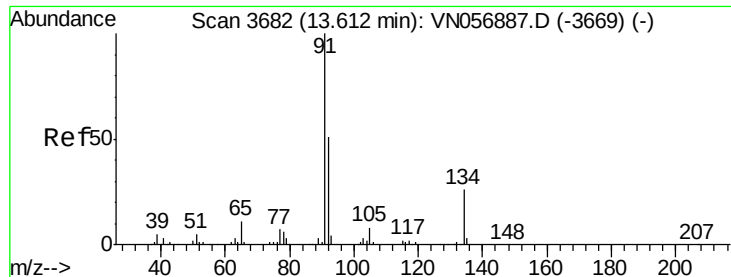
Tot Ion:146 Resp: 117764
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.8 56.4
 148 63.7 31.7 95.1



#84
 1,4-Dichlorobenzene
 Concen: 18.741 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion:146 Resp: 109341
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.8 53.5
 148 63.5 32.6 97.7





#85

n-Butylbenzene

Concen: 18.211 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

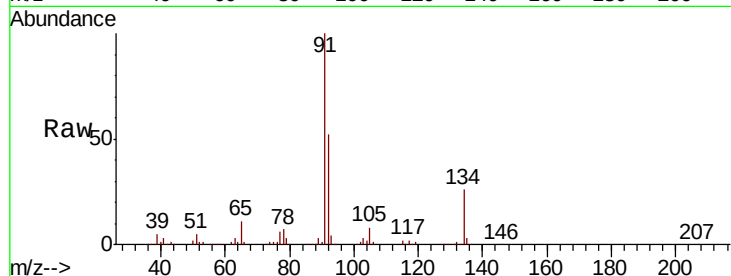
Tot Ion: 91 Resp: 185000

Ion Ratio Lower Upper

91 100

92 51.6 0.0 101.8

134 26.9 0.0 52.4

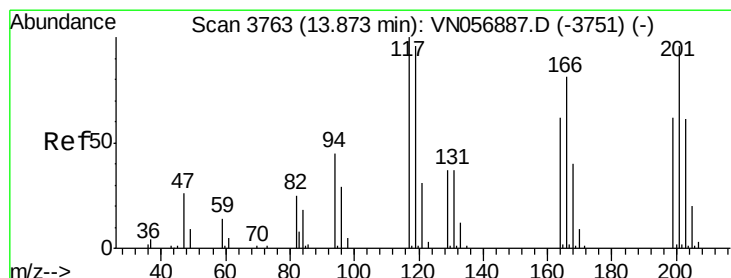
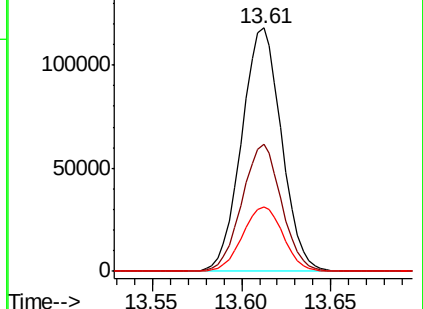
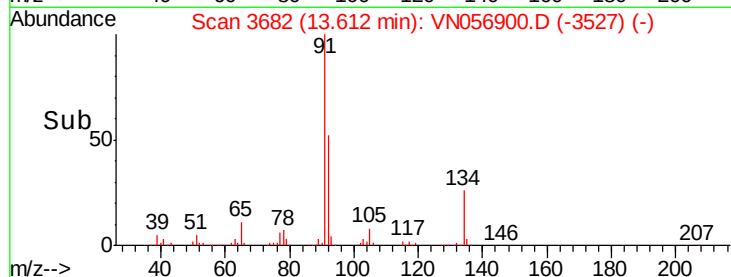


Abundance Ion 91.00 (90.70 to 91.70): VN056887.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN056887.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN056887.D (-3669) (-)

Time-->



#86

Hexachloroethane

Concen: 19.464 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN056900.D

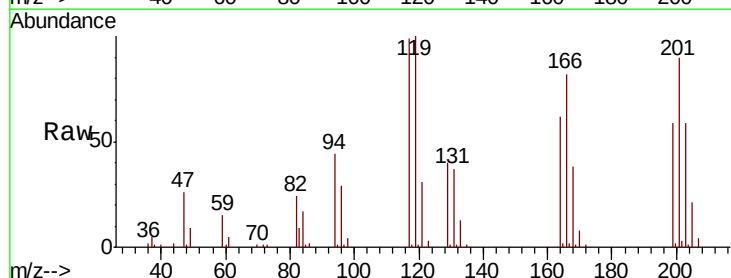
Acq: 24 Jul 2019 1:55

Tgt Ion: 117 Resp: 42141

Ion Ratio Lower Upper

117 100

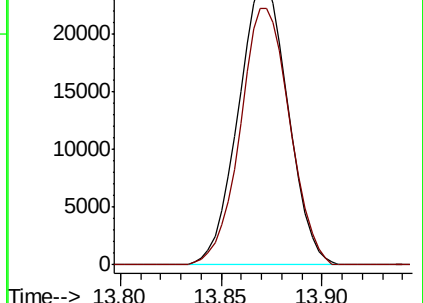
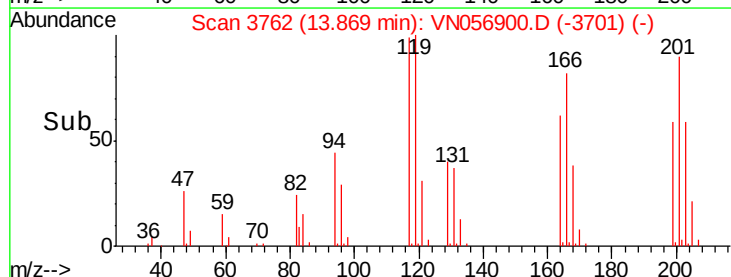
201 90.5 47.8 143.3

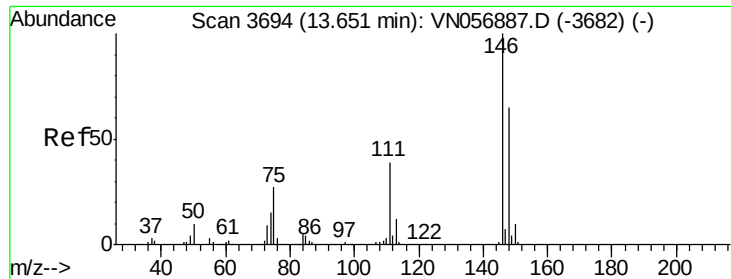


Abundance Ion 117.00 (116.70 to 117.70): VN056887.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056887.D (-3751) (-)

Time-->

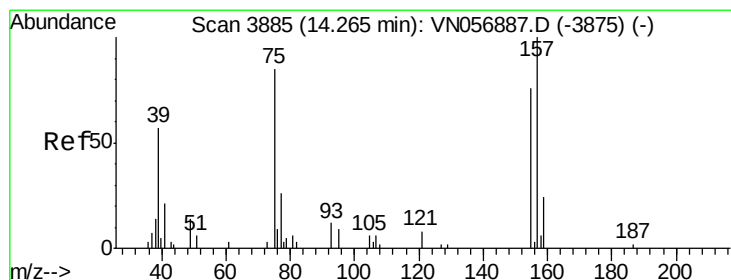
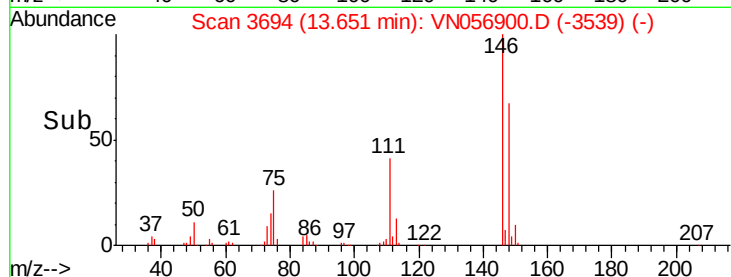
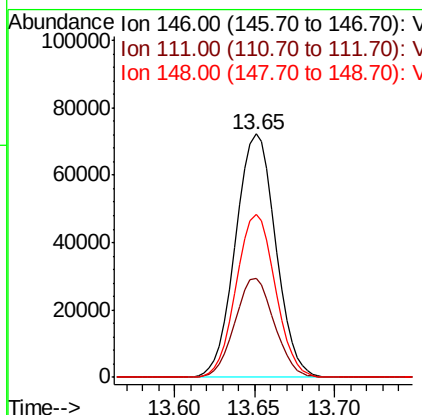
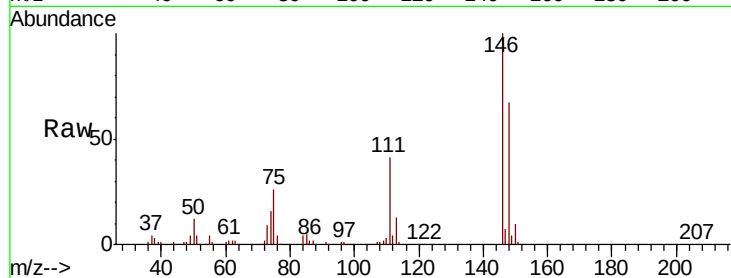




#87
 1,2-Dichlorobenzene
 Concen: 20.146 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

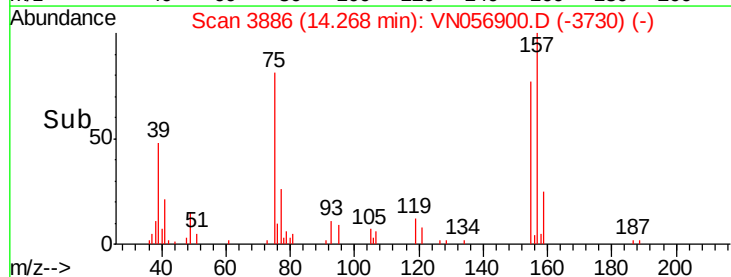
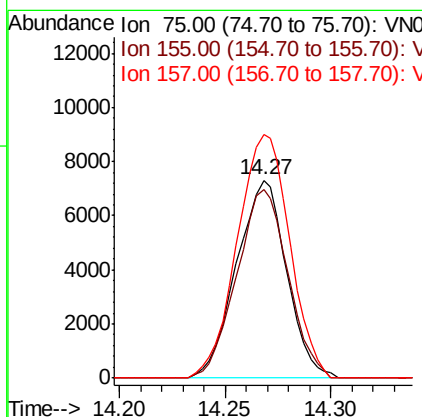
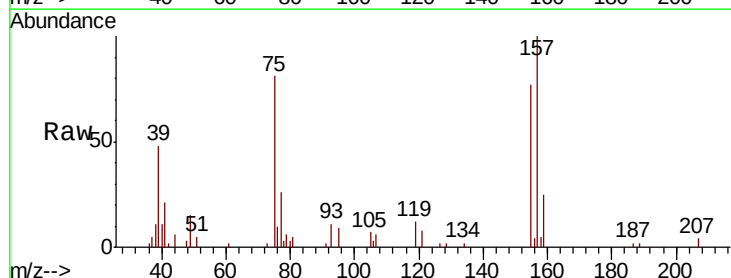
Instrument :
 MSVOA_N
 ClientSampled :

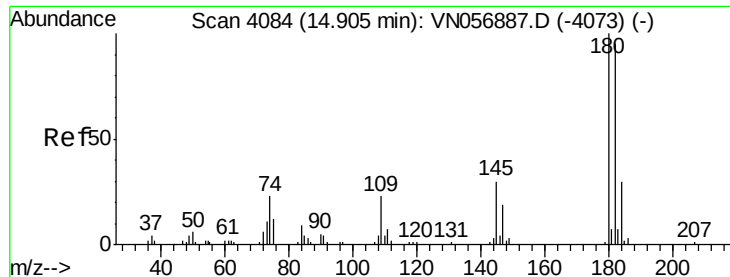
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.8
148	65.2	32.5	97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.336 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.3	73.4	110.2
157	128.9	95.0	142.6

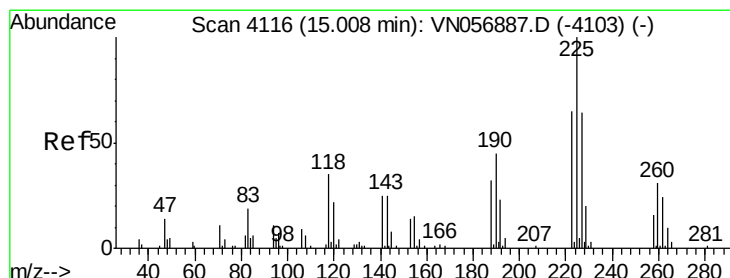
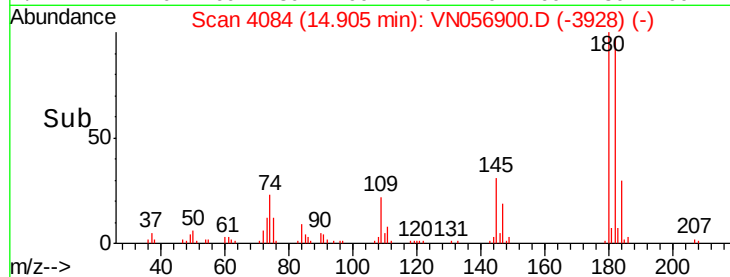
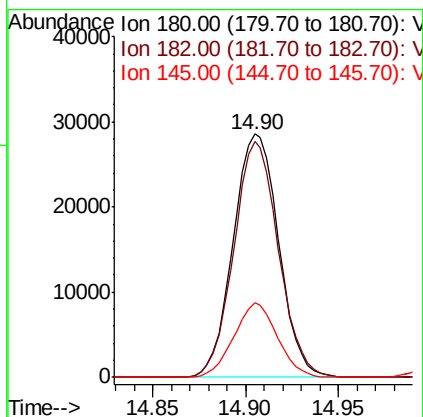
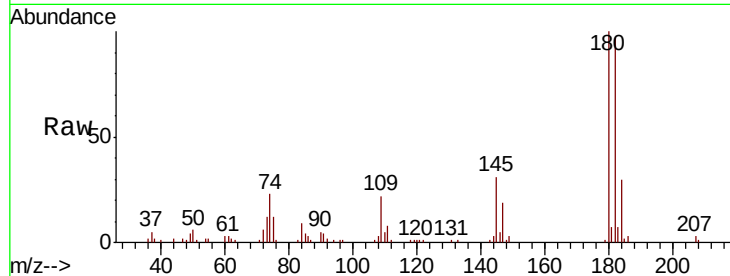




#89
 1,2,4-Trichlorobenzene
 Concen: 19.564 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

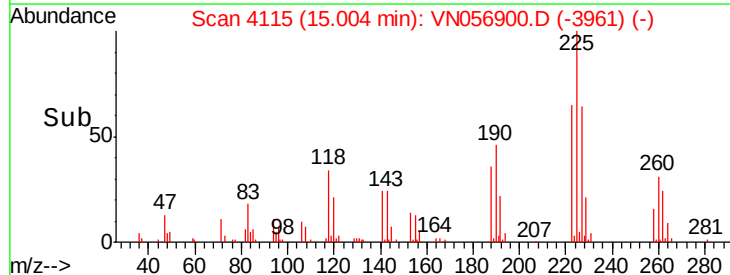
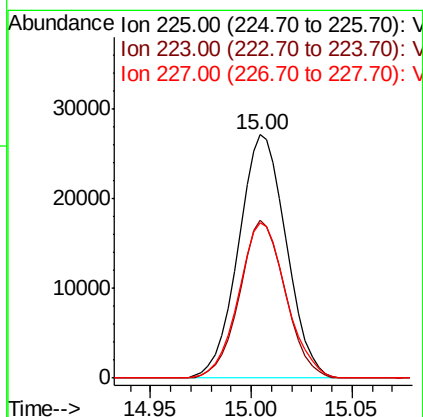
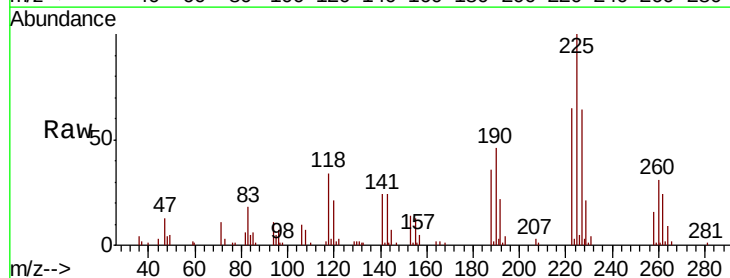
Instrument :
 MSVOA_N
 ClientSampleId :

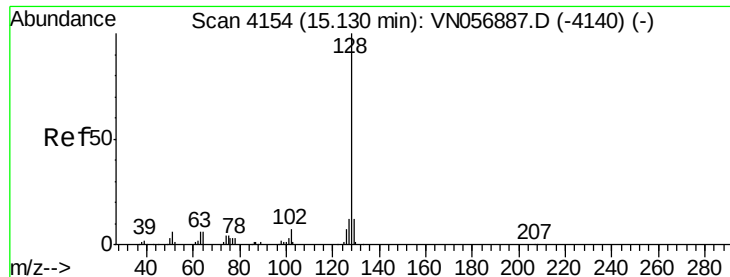
Tot Ion:180 Resp: 48740
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.4
 145 29.3 23.5 35.3



#90
 Hexachlorobutadiene
 Concen: 19.916 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN056900.D
 Acq: 24 Jul 2019 1:55

Tgt Ion:225 Resp: 44869
 Ion Ratio Lower Upper
 225 100
 223 61.6 0.0 130.0
 227 63.4 0.0 127.2





#91

Naphthalene

Concen: 18.937 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

Instrument :

MSVOA_N

ClientSampleId :

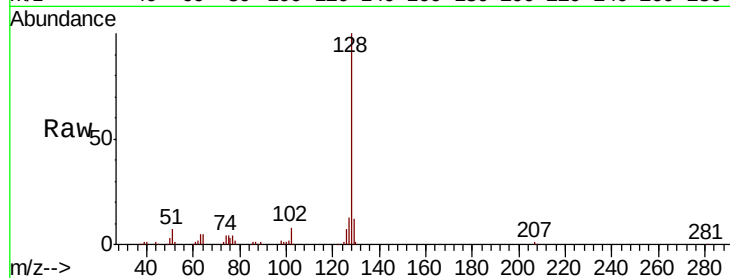
Tot Ion:128 Resp: 122012

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

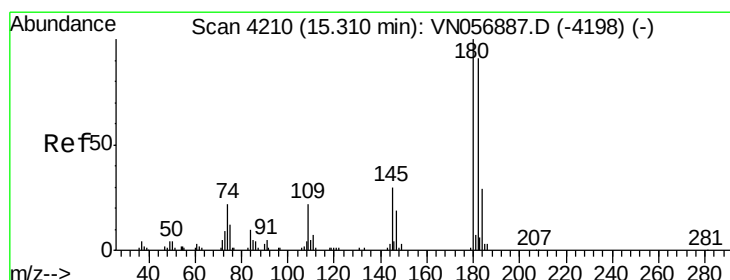
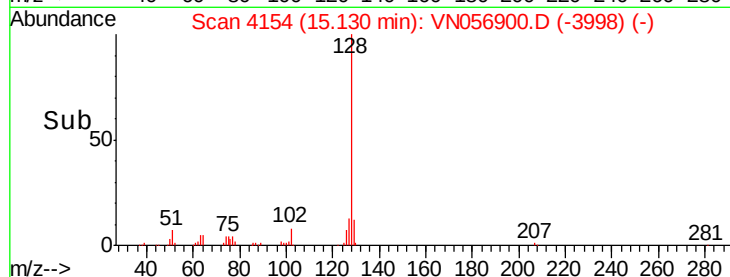
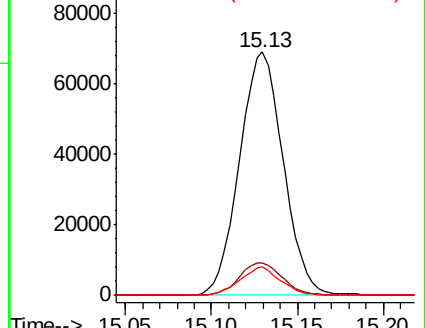
129 10.8 8.9 13.3



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



#92

1,2,3-Trichlorobenzene

Concen: 17.659 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056900.D

Acq: 24 Jul 2019 1:55

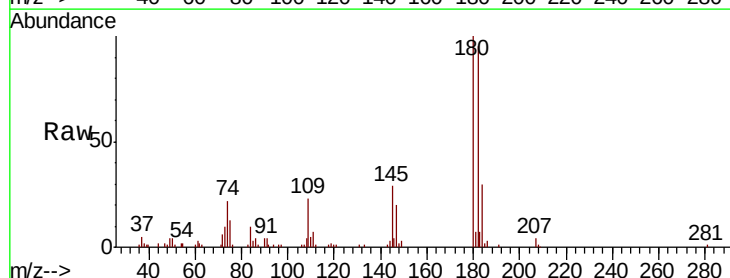
Tgt Ion:180 Resp: 57220

Ion Ratio Lower Upper

180 100

182 93.9 0.0 188.0

145 29.2 0.0 61.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

