

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070919\
 Data File : VN056624.D
 Acq On : 9 Jul 2019 12:57
 Operator : JC/SP
 Sample : VN0709WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

Quant Time: Jul 09 13:18:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 03 11:05:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	53327	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	290976	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	253517	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	107450	29.23	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.43%
60) 4-Bromofluorobenzene	12.40	95	115649	29.69	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.97%
63) Toluene-d8	10.09	98	356887	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	50559	18.906	ug/l 97
3) Chloromethane	2.06	50	70093	18.059	ug/l 97
4) Vinyl Chloride	2.18	62	69585	19.049	ug/l 97
5) Bromomethane	2.53	94	40743	20.904	ug/l 98
6) Chloroethane	2.68	64	39147	19.351	ug/l 94
7) Trichlorofluoromethane	3.00	101	89922	19.177	ug/l 95
8) Diethyl Ether	3.41	74	37333	18.770	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	55831	18.792	ug/l 87
10) 1,1-Dichloroethene	3.73	96	54424	18.670	ug/l 94
11) Methyl Iodide	3.95	142	68657	16.470	ug/l 99
12) Methyl Acetate	4.32	43	72847	18.530	ug/l 99
13) Acrolein	3.60	56	31109	81.050	ug/l 98
14) Acrylonitrile	4.98	53	160846	93.184	ug/l 98
15) Acetone	3.82	58	45197	93.845	ug/l 97
16) Carbon Disulfide	4.05	76	131626	18.779	ug/l 99
17) Allyl chloride	4.32	41	95803	18.780	ug/l 98
18) Methylene Chloride	4.55	84	66290	19.234	ug/l 96
19) trans-1,2-Dichloroethene	5.04	96	59394	18.786	ug/l 93
20) Diisopropyl ether	5.95	45	200859	19.058	ug/l 96
21) 1,1-Dichloroethane	5.85	63	112836	18.980	ug/l 97
22) cis-1,2-Dichloroethene	6.82	96	67943	18.274	ug/l 91
23) tert-Butyl Alcohol	4.80	59	55838	86.477	ug/l # 100
24) Methyl tert-Butyl Ether	5.04	73	180362	18.707	ug/l 99
25) Chloroform	7.37	83	110103	18.895	ug/l 100
26) Cyclohexane	7.65	56	100538	18.360	ug/l # 96
29) 1,1-Dichloropropene	7.79	75	79365	18.471	ug/l 98
30) 2-Butanone	6.83	43	218774	91.844	ug/l 98
31) 2,2-Dichloropropane	6.82	77	76173	18.437	ug/l 97
32) 1,1,1-Trichloroethane	7.57	97	88253	19.267	ug/l 98
33) Carbon Tetrachloride	7.77	117	73217	18.855	ug/l 97
34) Benzene	8.04	78	260796	19.410	ug/l 99
35) Methacrylonitrile	7.17	41	33979	16.063	ug/l 94
36) 1,2-Dichloroethane	8.12	62	85043	19.474	ug/l # 85
37) Trichloroethene	8.83	130	67979	19.400	ug/l 97
38) Methylcyclohexane	9.08	83	98802	18.348	ug/l 98
39) 1,2-Dichloropropane	9.12	63	69998	19.353	ug/l 98
40) Dibromomethane	9.21	93	43022	19.242	ug/l 94

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

41) Bromodichloromethane	9.40	83	79749	19.246	ug/l	100
42) Vinyl Acetate	5.89	43	810409	95.549	ug/l	98
43) Ethyl Acetate	6.93	43	85476	18.550	ug/l	99
44) Isopropyl Acetate	8.17	43	137747	19.160	ug/l #	88
45) 1,4-Dioxane	9.20	88	26756	380.366	ug/l	89
46) Methyl methacrylate	9.20	41	66544	18.838	ug/l	94
47) n-amyl Acetate	12.07	43	109136	18.264	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	83100	18.712	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	95866	18.715	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	65121	19.771	ug/l	99
51) Ethyl methacrylate	10.43	69	96873	18.674	ug/l	98
52) 1,3-Dichloropropane	10.71	76	107258	19.164	ug/l	98
53) Dibromochloromethane	10.90	129	62838	19.465	ug/l	96
54) 1,2-Dibromoethane	11.00	107	65506	19.087	ug/l	99
55) 2-Chloroethyl vinyl ether	9.69	63	231008	87.392	ug/l	98
56) Bromoform	12.13	173	43421	18.511	ug/l #	97
58) 4-Methyl-2-Pentanone	9.98	43	436319	95.722	ug/l	96
59) 2-Hexanone	10.75	43	310723	91.865	ug/l	98
61) Tetrachloroethene	10.63	164	65221	20.497	ug/l	98
62) Toluene	10.15	91	274253	19.383	ug/l	99
64) Chlorobenzene	11.43	112	164816	19.335	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.51	131	59261	19.304	ug/l	100
66) Ethyl Benzene	11.51	91	288823	18.827	ug/l	99
67) m/p-Xylenes	11.62	106	217977	38.501	ug/l	94
68) o-Xylene	11.95	106	108827	19.437	ug/l	98
69) Styrene	11.96	104	176844	18.983	ug/l	99
70) Isopropylbenzene	12.25	105	282194	19.317	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	93254	19.308	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	106564	26.237	ug/l	1
73) Bromobenzene	12.52	156	72626	19.276	ug/l	92
74) n-propylbenzene	12.59	91	308341	18.604	ug/l	97
75) 2-Chlorotoluene	12.67	91	190370	19.209	ug/l	97
76) 1,3,5-Trimethylbenzene	12.73	105	238833	19.307	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	23223	17.851	ug/l	96
78) 4-Chlorotoluene	12.77	91	181700	18.851	ug/l	98
79) tert-butylbenzene	12.99	119	202478	19.157	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	232565	19.035	ug/l	100
81) sec-Butylbenzene	13.17	105	264354	18.861	ug/l	98
82) p-Isopropyltoluene	13.29	119	235538	18.691	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	116842	18.674	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	109468	18.137	ug/l	98
85) n-Butylbenzene	13.61	91	187954	17.748	ug/l	96
86) Hexachloroethane	13.87	117	35386	18.623	ug/l	95
87) 1,2-Dichlorobenzene	13.65	146	121220	19.078	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	15393	17.786	ug/l	91
89) 1,2,4-Trichlorobenzene	14.91	180	53937	15.358	ug/l	97
90) Hexachlorobutadiene	15.01	225	41601	19.066	ug/l	96
91) Naphthalene	15.13	128	146211	14.835	ug/l	100
92) 1,2,3-Trichlorobenzene	15.31	180	59139	16.041	ug/l	98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 11:05:14 2019
Response via : Initial Calibration

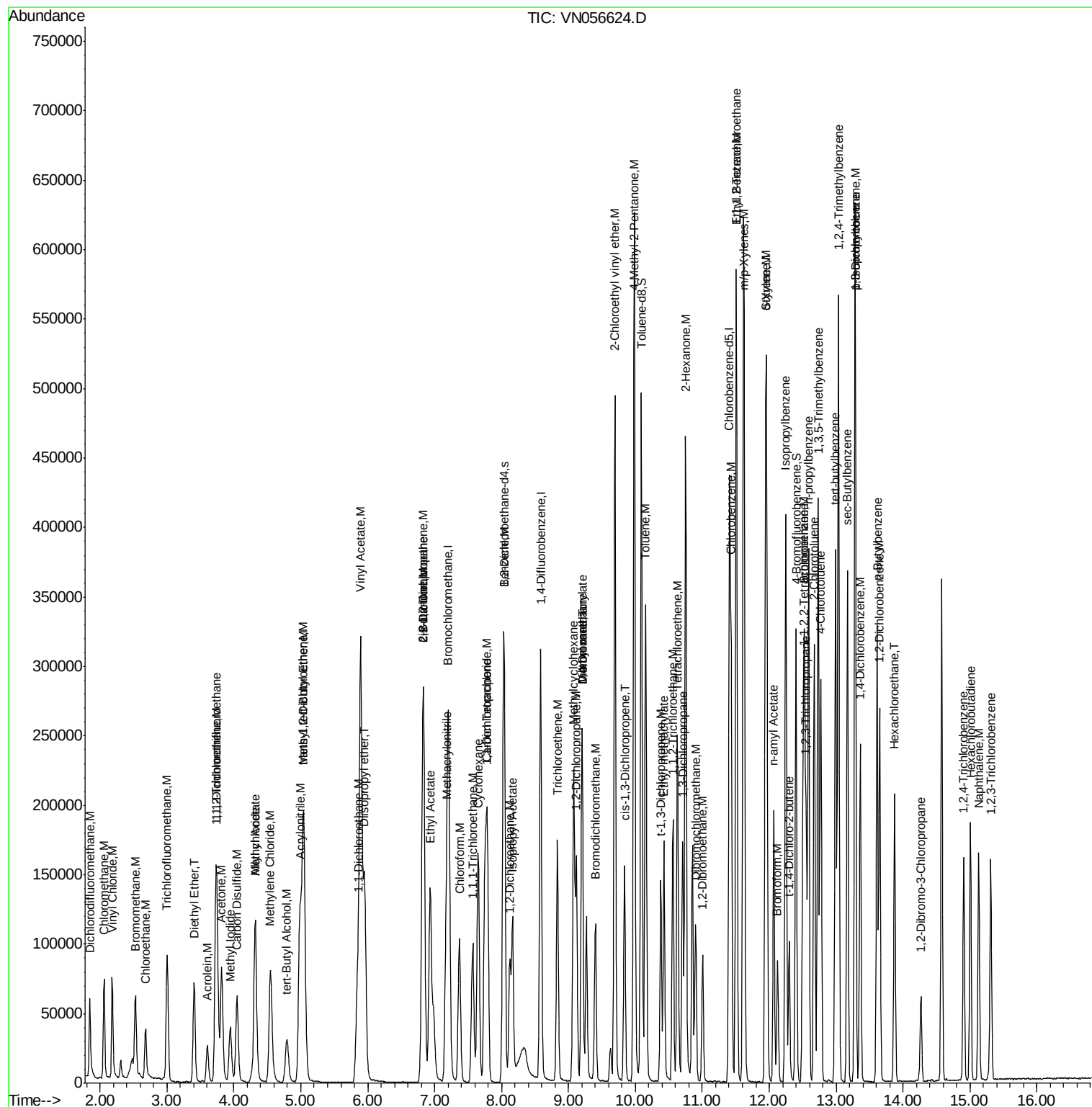
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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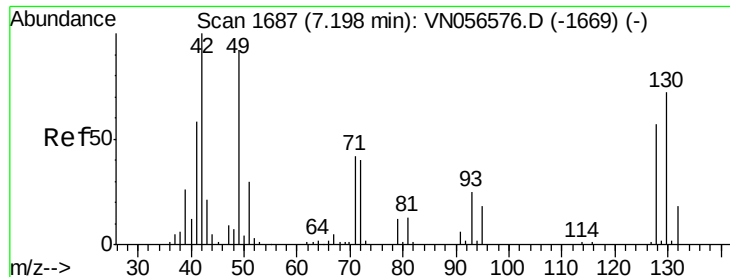
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 09 13:18:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 11:05:14 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

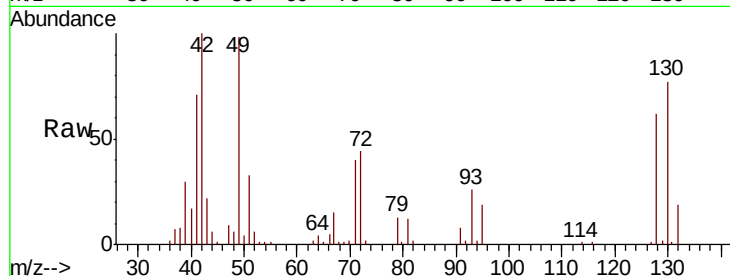
Tgt Ion:128 Resp: 53327

Ion Ratio Lower Upper

128 100

49 159.8 0.0 355.8

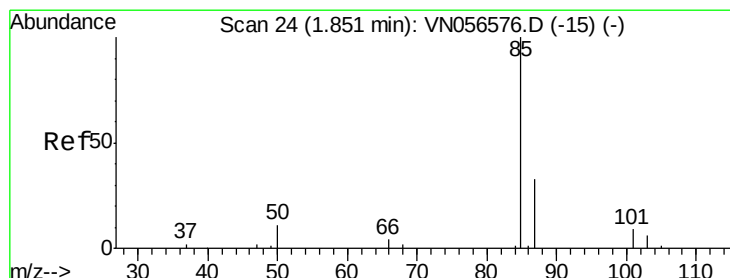
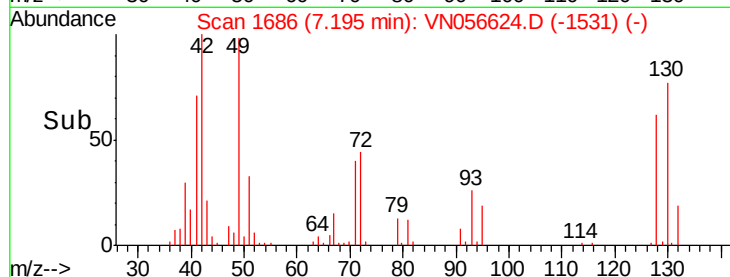
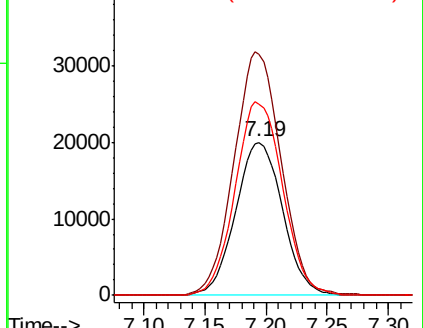
130 128.3 0.0 326.3



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: 18.906 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056624.D

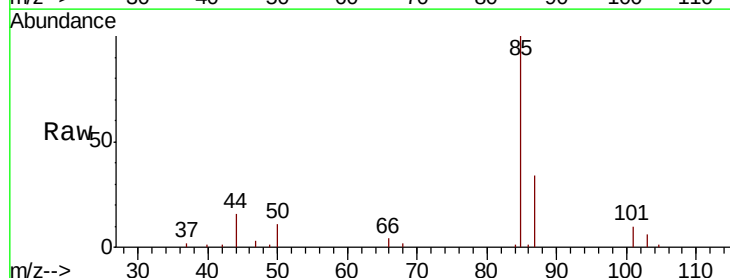
Acq: 9 Jul 2019 12:57

Tgt Ion: 85 Resp: 50559

Ion Ratio Lower Upper

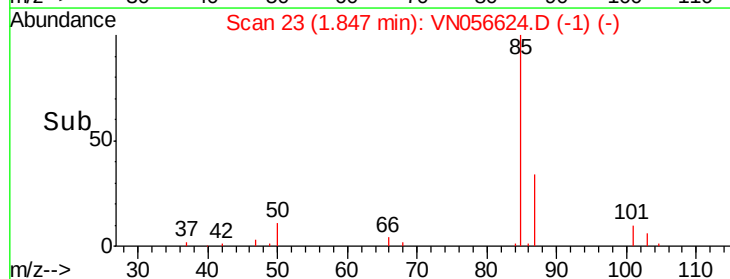
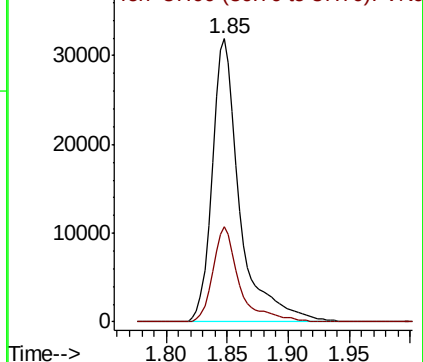
85 100

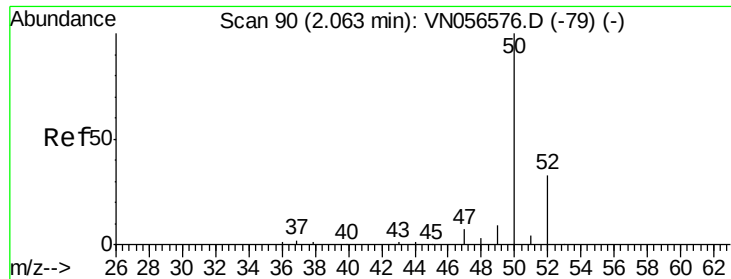
87 33.6 15.9 47.7



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

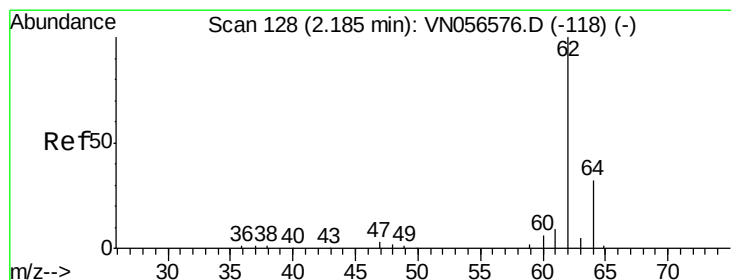
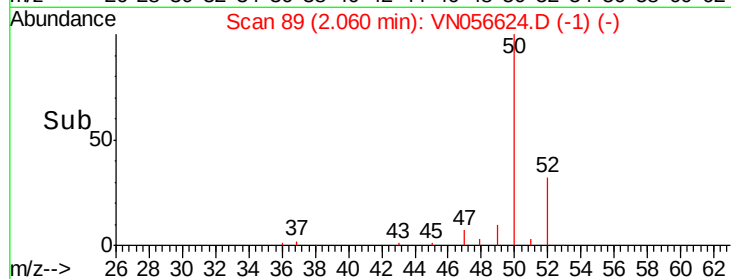
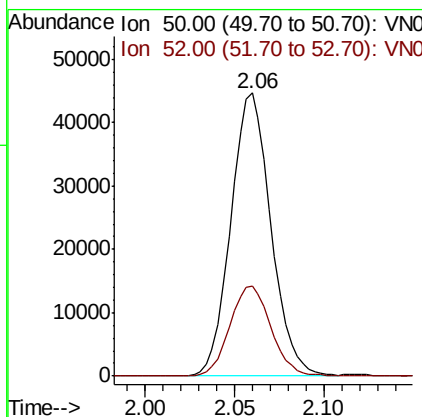
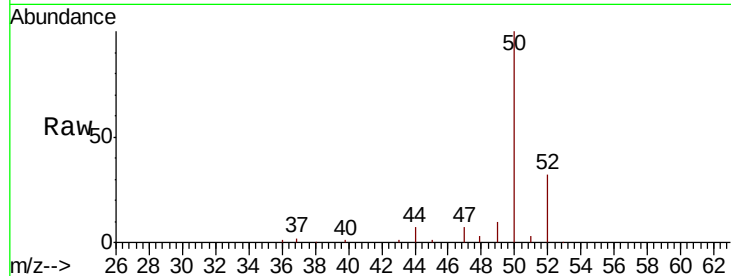




#3
 Chloromethane
 Concen: 18.059 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. -0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

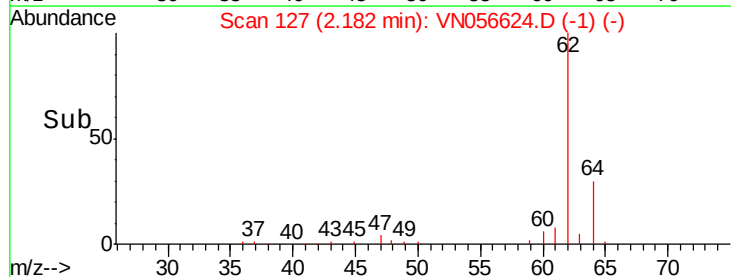
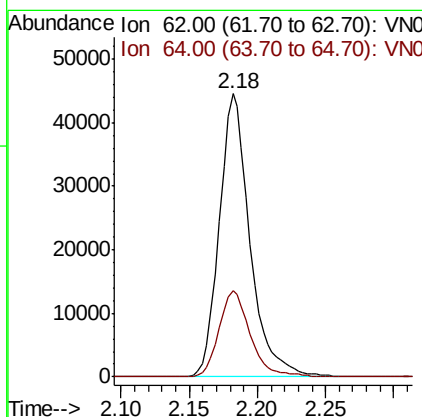
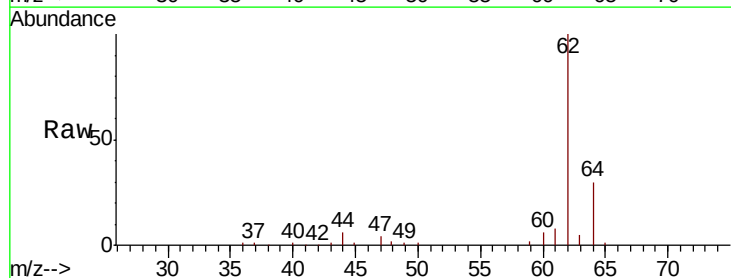
Instrument :
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 VN0709WBS01

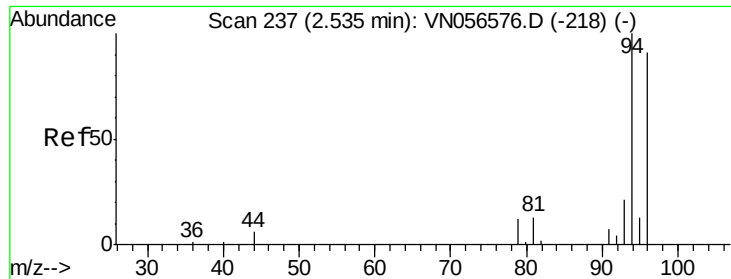
Tgt Ion: 50 Resp: 70093
 Ion Ratio Lower Upper
 50 100
 52 31.9 26.7 40.1



#4
 Vinyl Chloride
 Concen: 19.049 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 62 Resp: 69585
 Ion Ratio Lower Upper
 62 100
 64 30.5 25.8 38.8

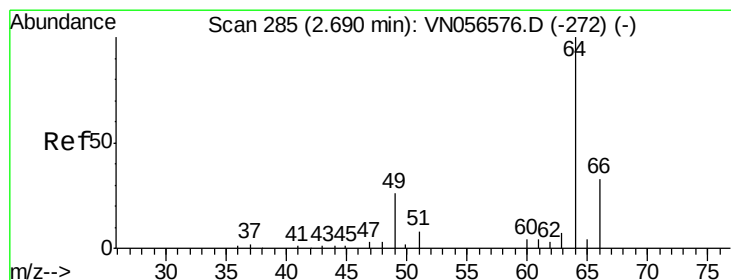
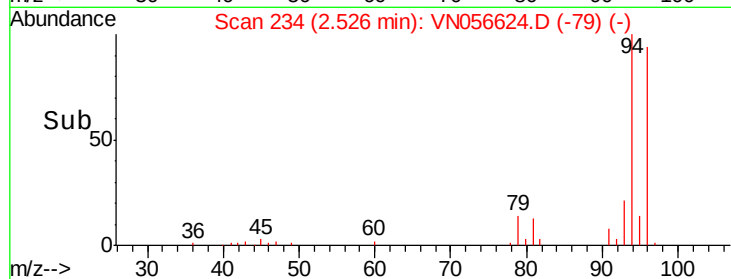
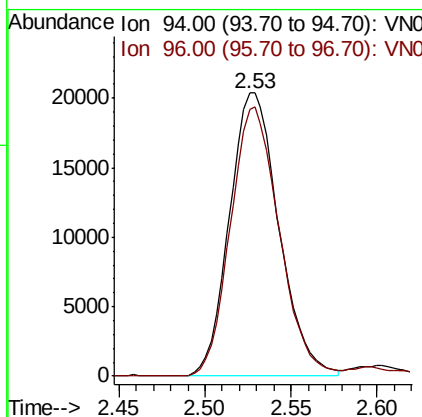
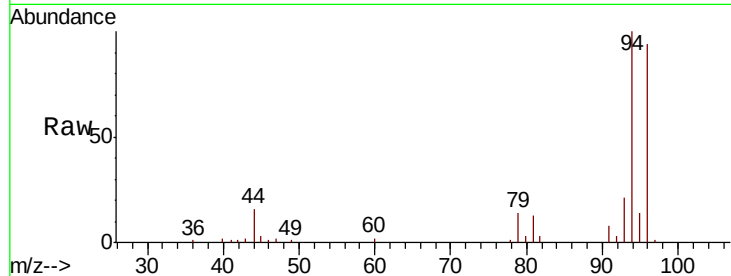




#5
Bromomethane
Concen: 20.904 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

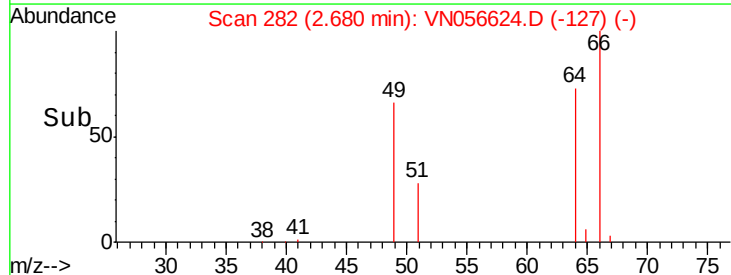
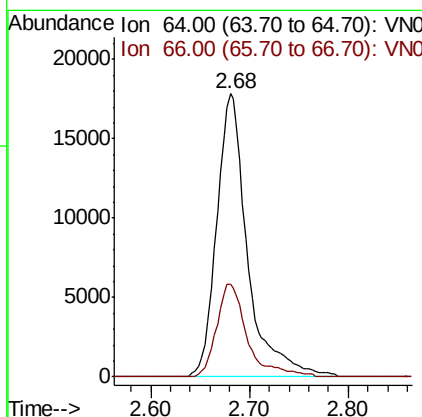
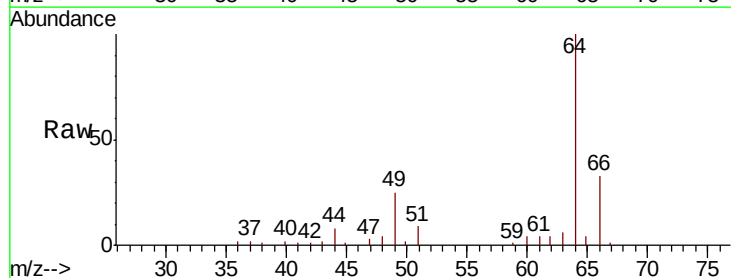
Instrument :
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ClientSampleId :
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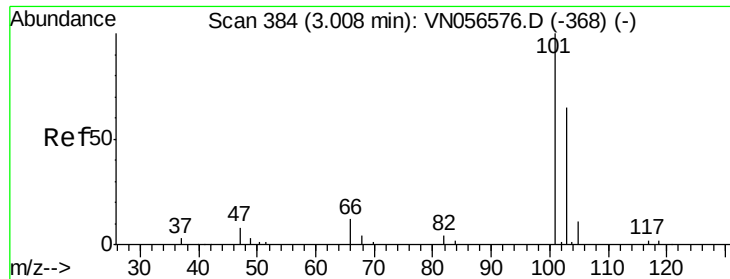
Tgt Ion: 94 Resp: 40743
Ion Ratio Lower Upper
94 100
96 94.5 74.1 111.1



#6
Chloroethane
Concen: 19.351 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Tgt Ion: 64 Resp: 39147
Ion Ratio Lower Upper
64 100
66 32.7 23.7 35.5



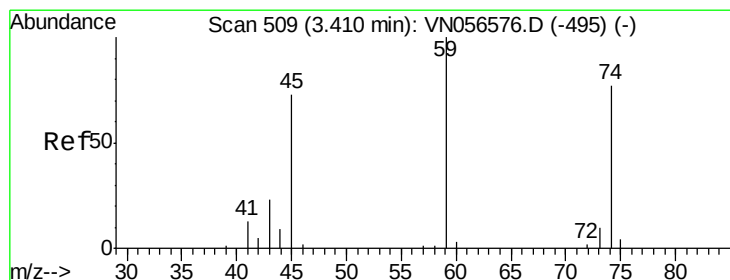
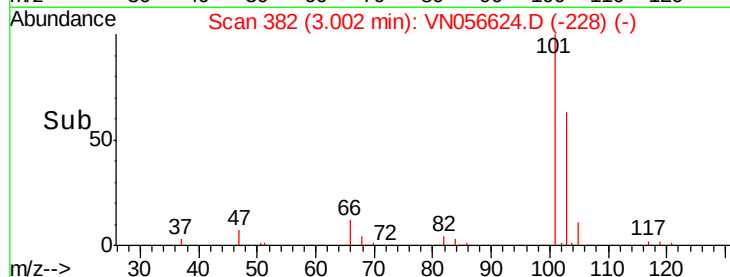
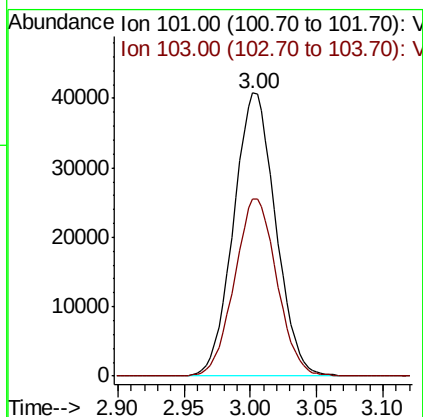
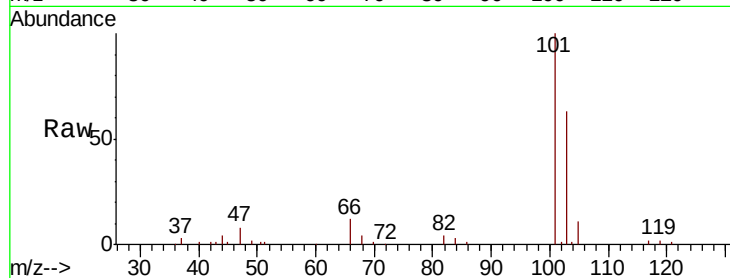


#7

Trichlorofluoromethane
 Concen: 19.177 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Instrument :
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 ClientSampleId :
 VN0709WBS01

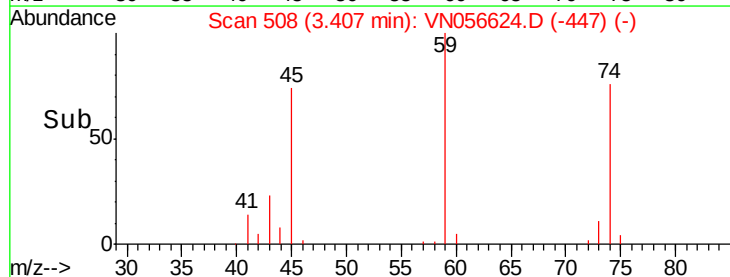
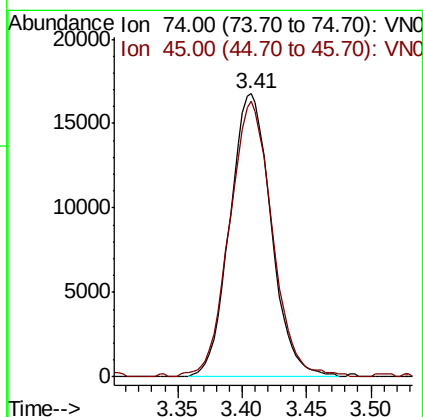
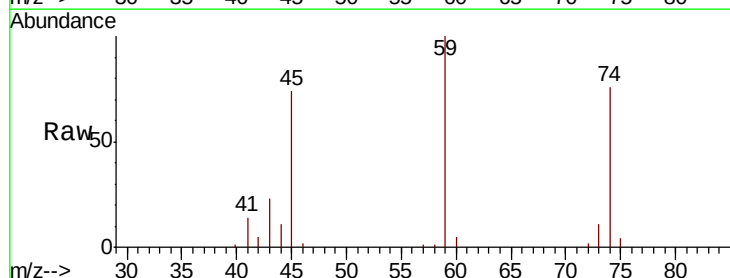
Tgt Ion:101 Resp: 89922
 Ion Ratio Lower Upper
 101 100
 103 62.7 53.4 80.0

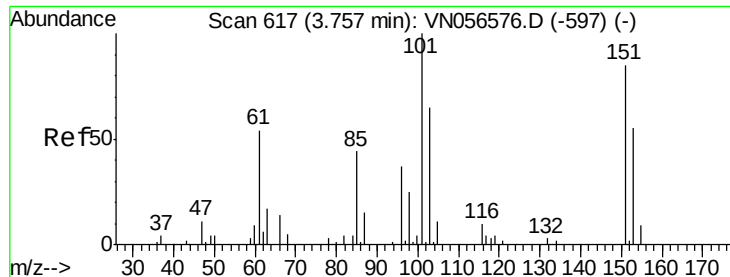


#8

Diethyl Ether
 Concen: 18.770 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 74 Resp: 37333
 Ion Ratio Lower Upper
 74 100
 45 100.9 18.8 169.6

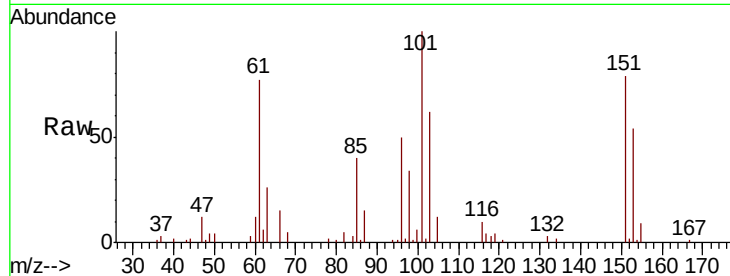




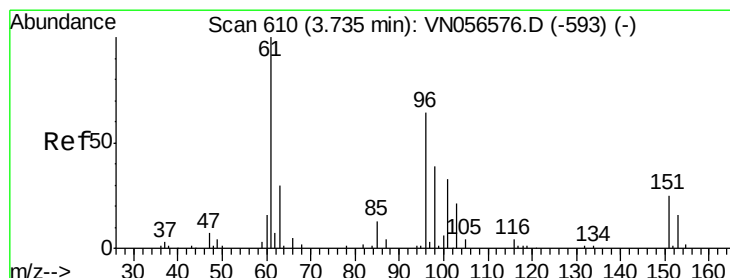
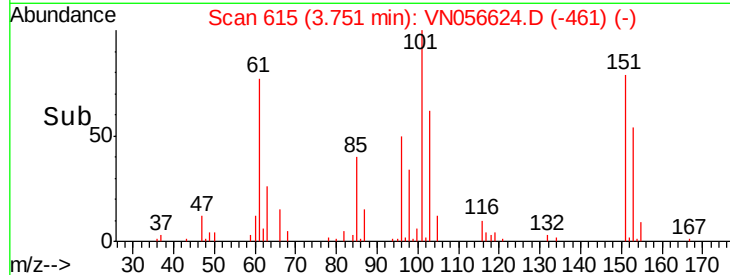
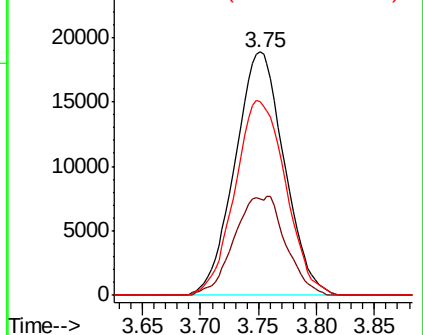
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.792 ug/l
 RT: 3.75 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

Tgt Ion: 101 Resp: 55831
 Ion Ratio Lower Upper
 101 100
 85 24.7 0.0 82.0
 151 82.3 0.0 177.0

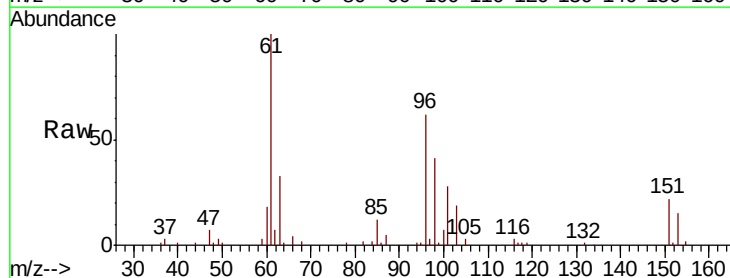


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VN
 Ion 151.00 (150.70 to 151.70): V

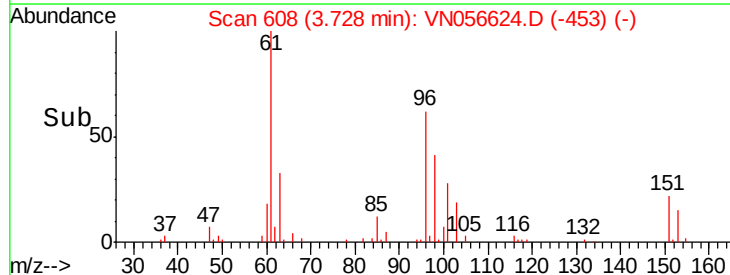
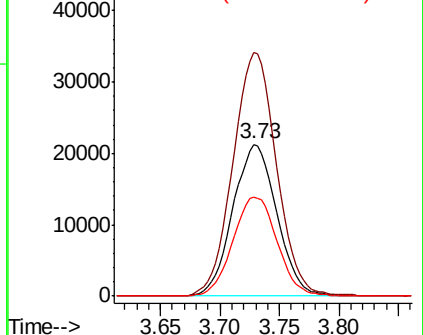


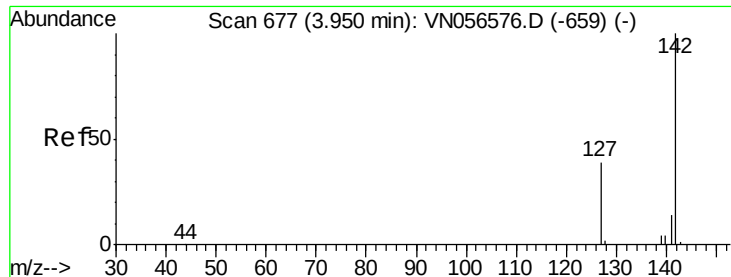
#10
 1,1-Dichloroethene
 Concen: 18.670 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 96 Resp: 54424
 Ion Ratio Lower Upper
 96 100
 61 160.2 119.7 179.5
 98 64.9 52.3 78.5



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

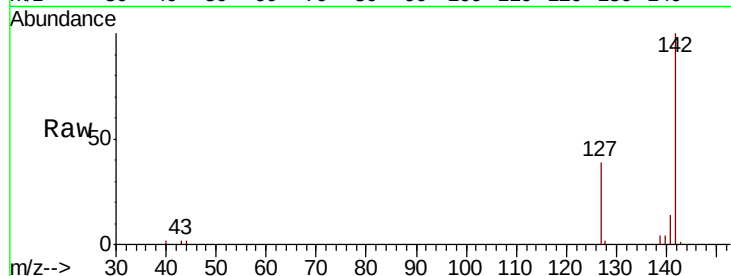




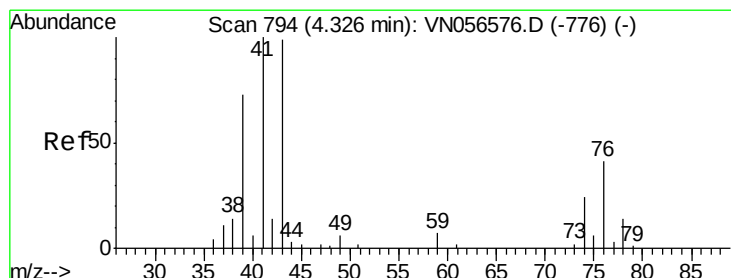
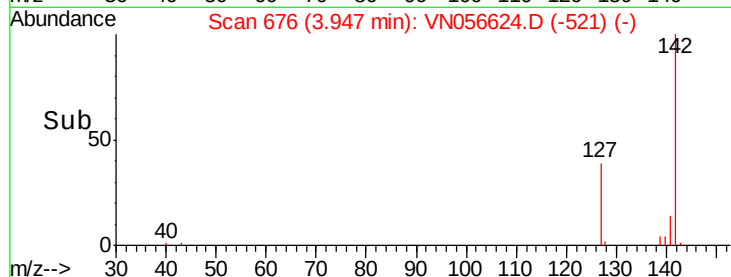
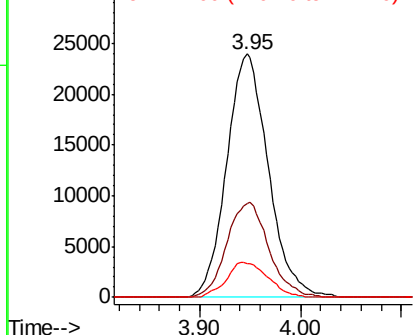
#11
Methyl Iodide
Concen: 16.470 ug/l
RT: 3.95 min Scan# 676
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

Tgt Ion:142 Resp: 68657
Ion Ratio Lower Upper
142 100
127 38.7 19.0 57.0
141 13.9 6.7 20.0

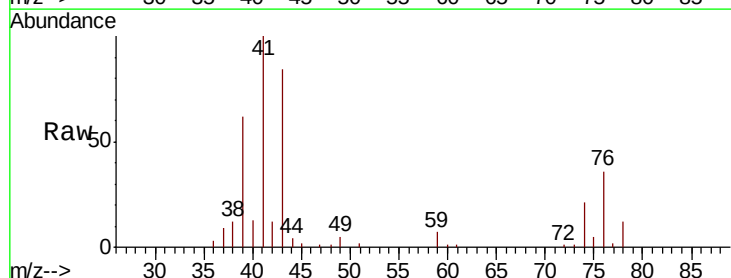


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

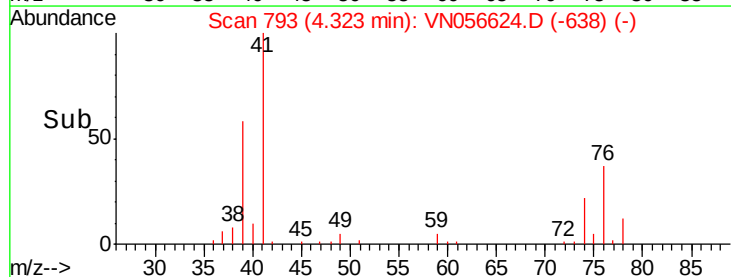
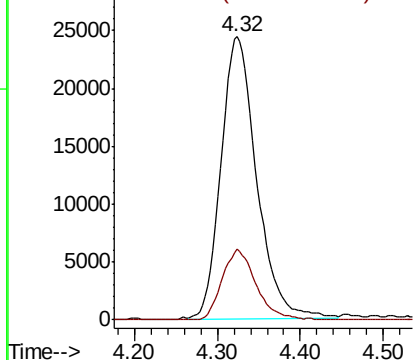


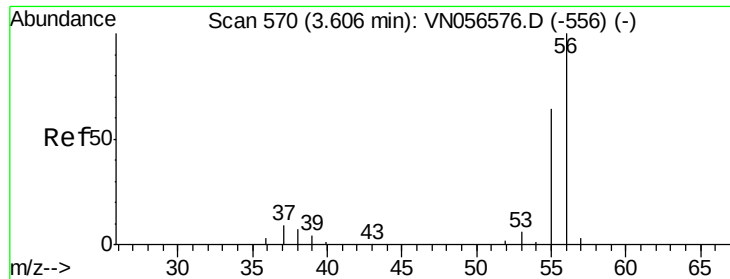
#12
Methyl Acetate
Concen: 18.530 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Tgt Ion: 43 Resp: 72847
Ion Ratio Lower Upper
43 100
74 25.2 19.9 29.9



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





#13

Acrolein

Concen: 81.050 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

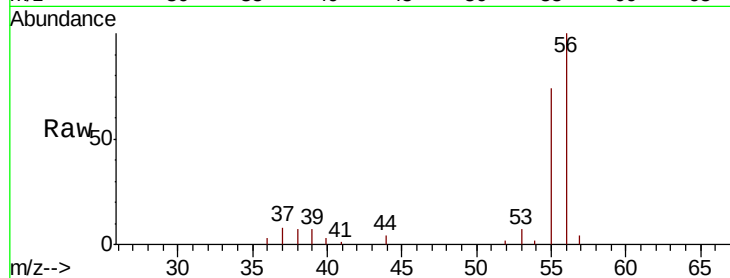
VN0709WBS01

Tgt Ion: 56 Resp: 31109

Ion Ratio Lower Upper

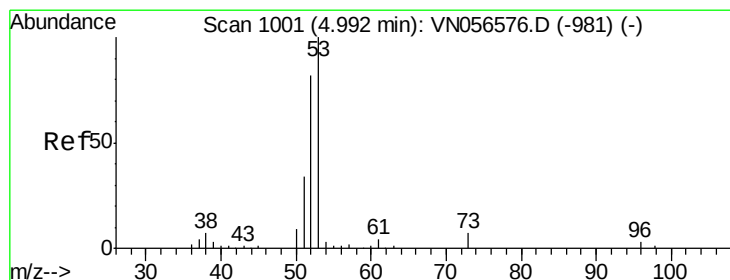
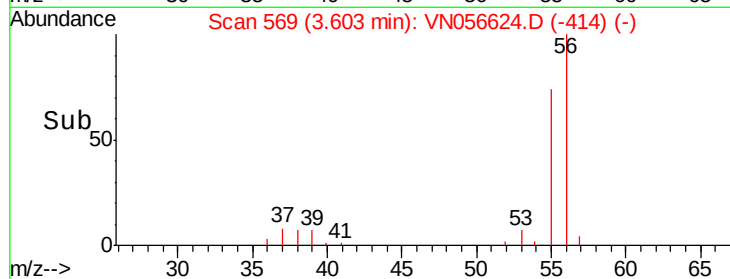
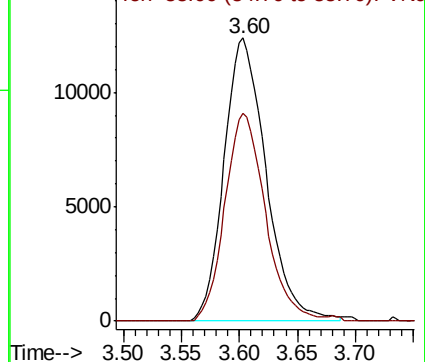
56 100

55 70.7 57.9 86.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 93.184 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

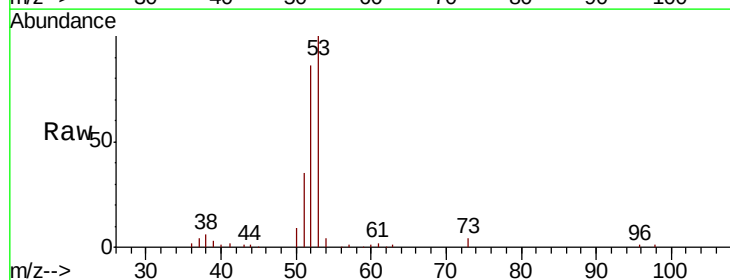
Tgt Ion: 53 Resp: 160846

Ion Ratio Lower Upper

53 100

52 84.1 40.8 122.2

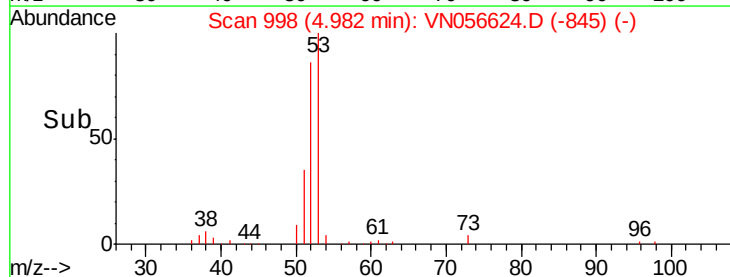
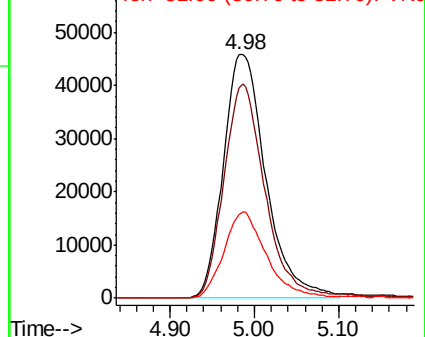
51 35.2 17.3 52.0

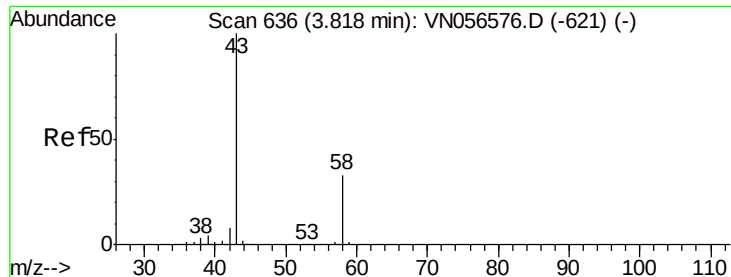


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 93.845 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

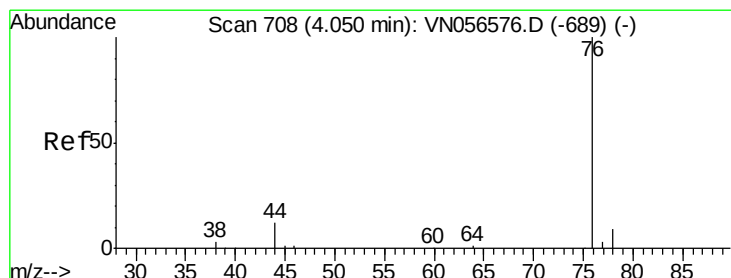
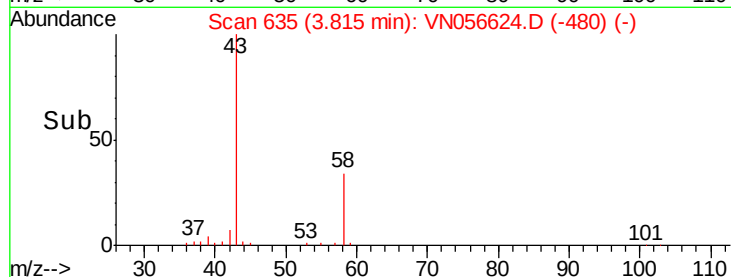
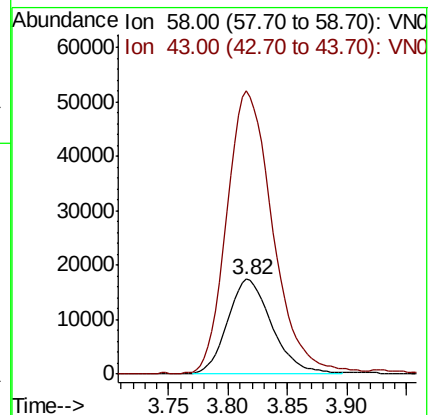
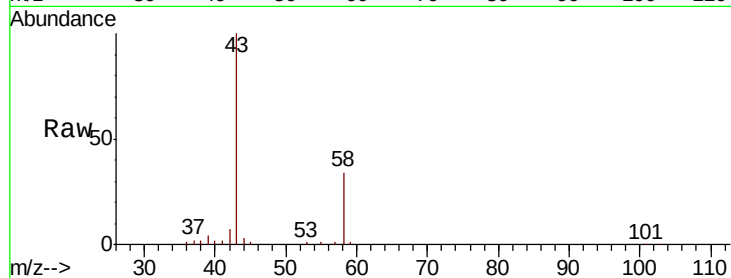
VN0709WBS01

Tgt Ion: 58 Resp: 45197

Ion Ratio Lower Upper

58 100

43 295.6 232.5 348.7



#16

Carbon Disulfide

Concen: 18.779 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN056624.D

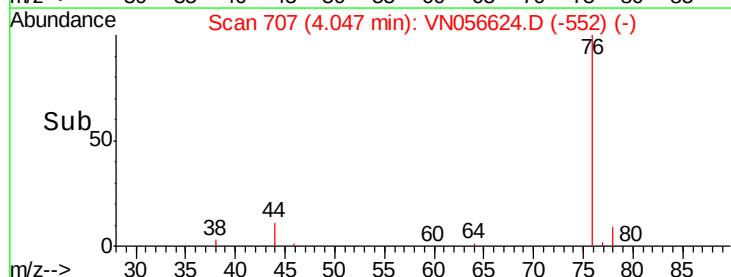
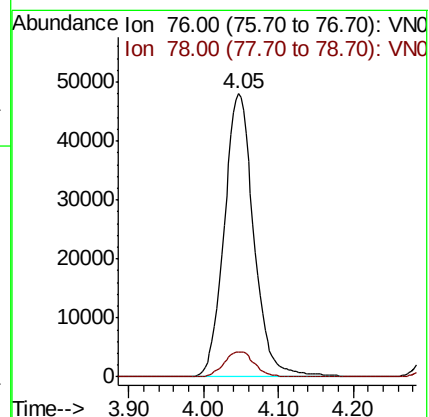
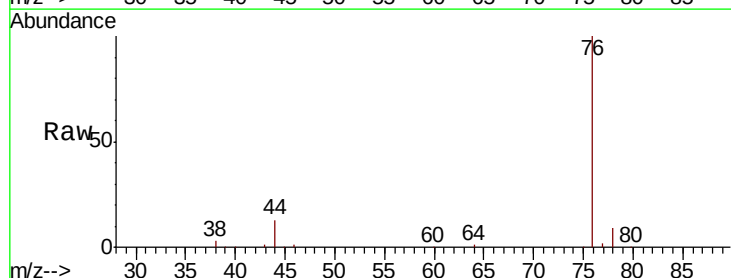
Acq: 9 Jul 2019 12:57

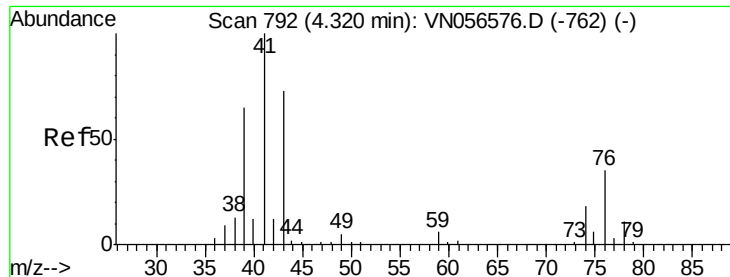
Tgt Ion: 76 Resp: 131626

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

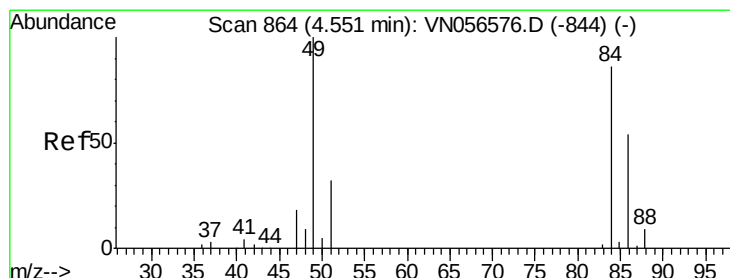
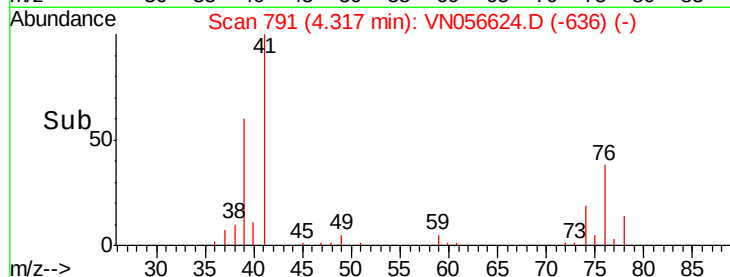
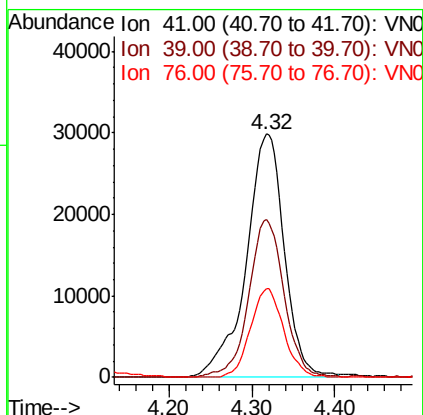
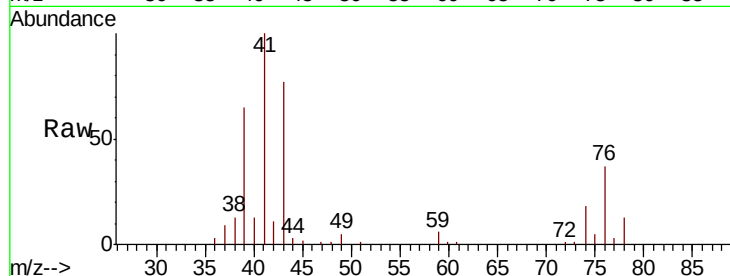




#17
 Allyl chloride
 Concen: 18.780 ug/l
 RT: 4.32 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

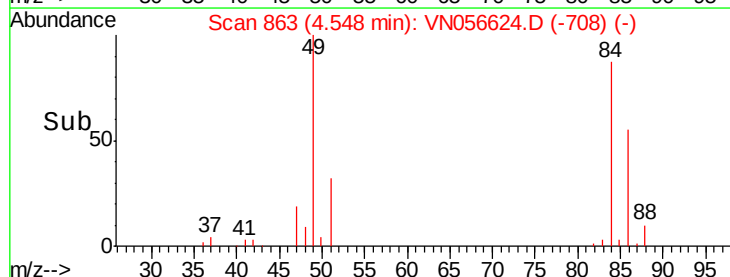
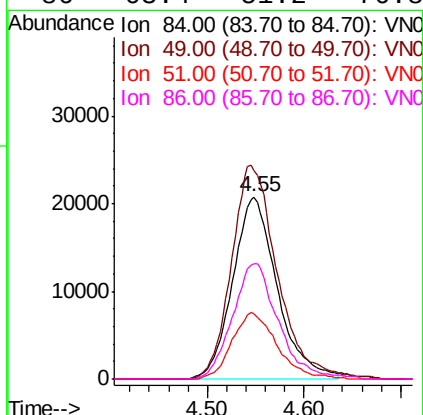
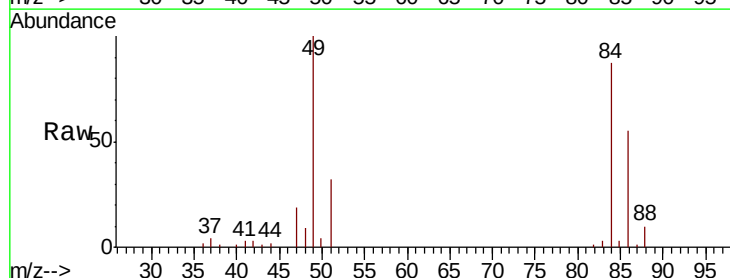
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

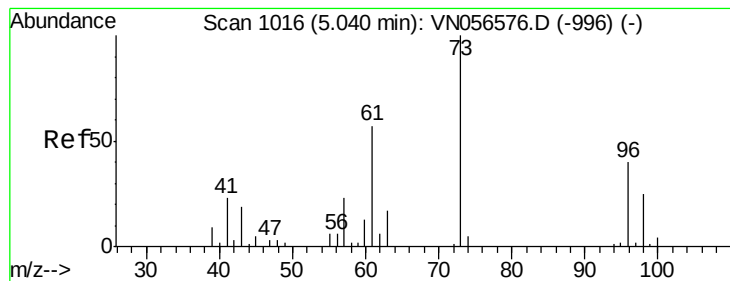
Tgt Ion: 41 Resp: 95803
 Ion Ratio Lower Upper
 41 100
 39 64.7 33.0 99.0
 76 36.5 18.9 56.9



#18
 Methylene Chloride
 Concen: 19.234 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 84 Resp: 66290
 Ion Ratio Lower Upper
 84 100
 49 114.7 87.6 131.4
 51 36.2 27.0 40.4
 86 63.4 51.2 76.8





#19

trans-1,2-Dichloroethene

Concen: 18.786 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

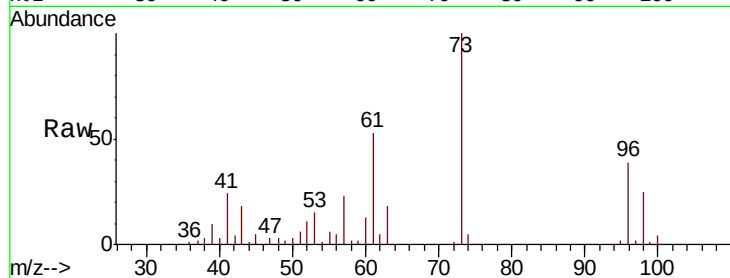
Tgt Ion: 96 Resp: 59394

Ion Ratio Lower Upper

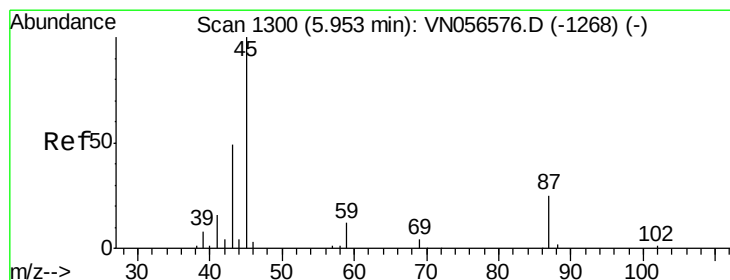
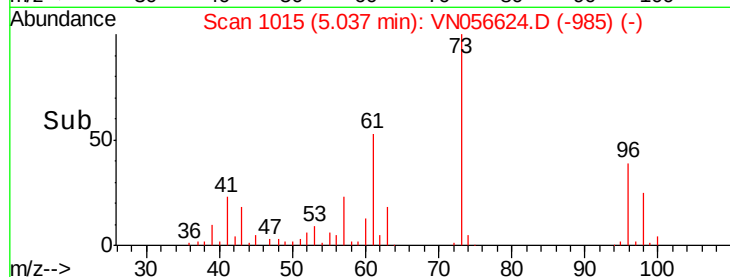
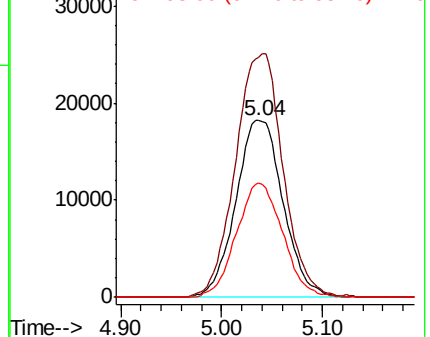
96 100

61 135.2 102.5 153.7

98 64.6 46.9 70.3



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: 19.058 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Tgt Ion: 45 Resp: 200859

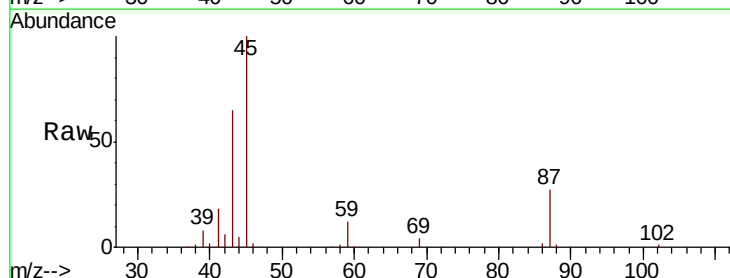
Ion Ratio Lower Upper

45 100

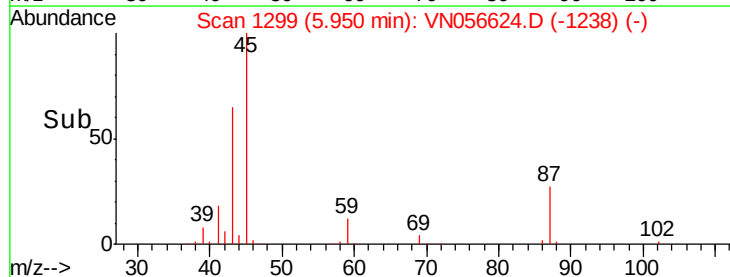
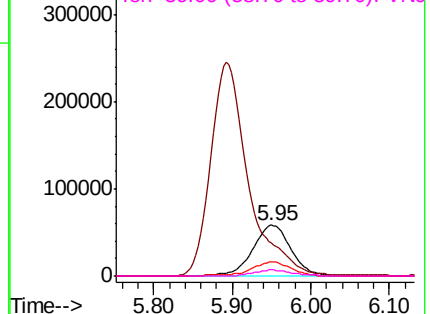
43 63.2 48.0 72.0

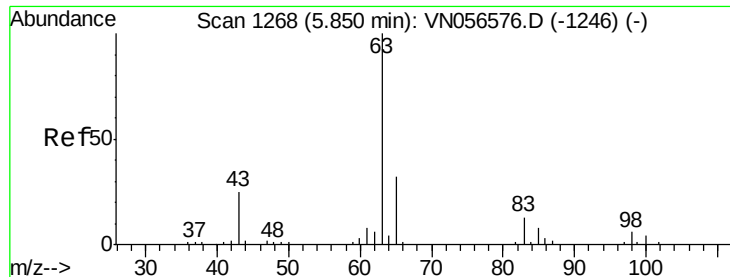
87 26.7 23.4 35.2

59 11.5 9.2 13.8



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





#21

1,1-Dichloroethane

Concen: 18.980 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

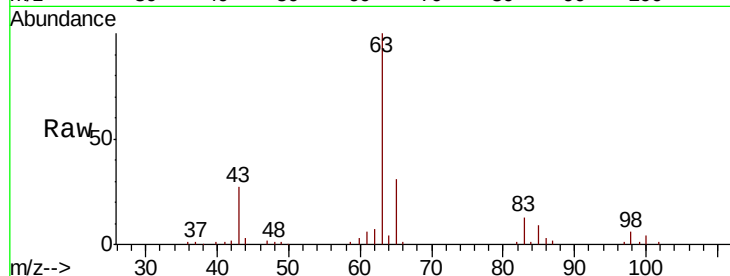
Tgt Ion: 63 Resp: 112836

Ion Ratio Lower Upper

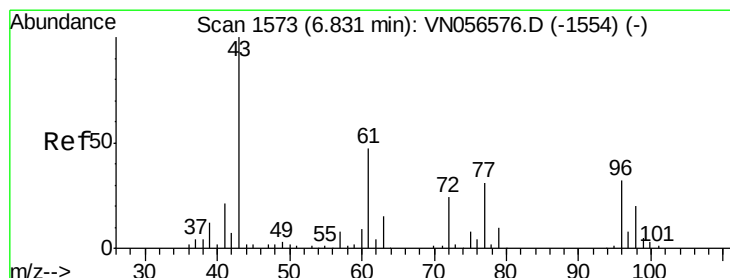
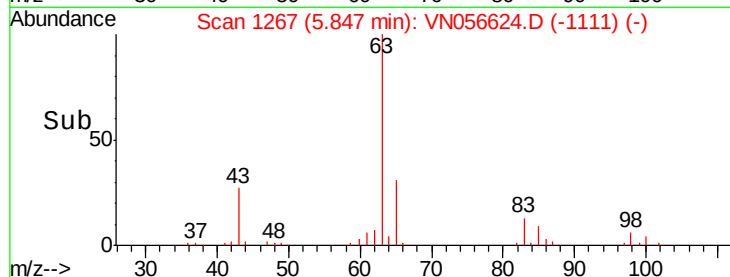
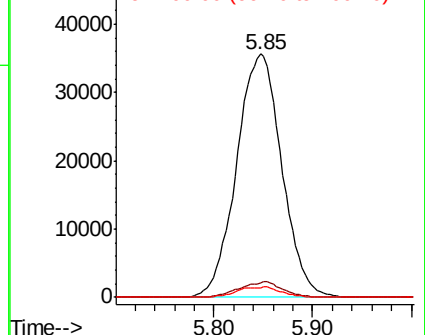
63 100

98 5.8 3.5 10.5

100 4.0 2.3 6.9



Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



#22

cis-1,2-Dichloroethene

Concen: 18.274 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

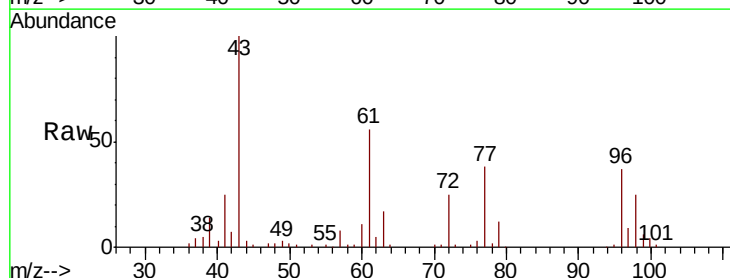
Tgt Ion: 96 Resp: 67943

Ion Ratio Lower Upper

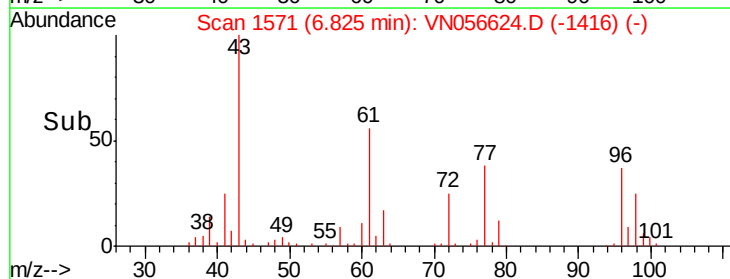
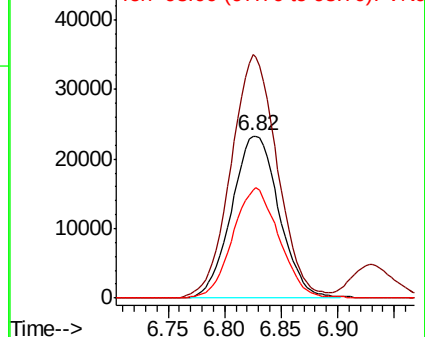
96 100

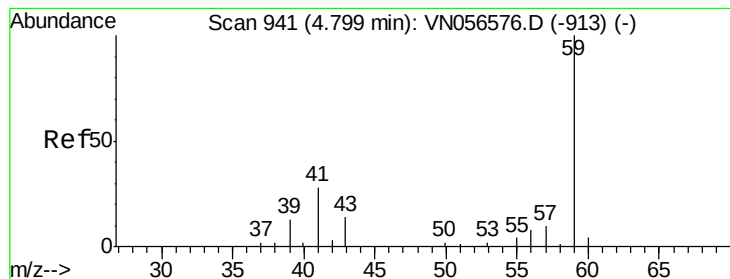
61 147.0 105.7 158.5

98 66.7 52.0 78.0



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





#23

tert-Butyl Alcohol

Concen: 86.477 ug/l

RT: 4.80 min Scan# 940

Delta R.T. 0.01 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

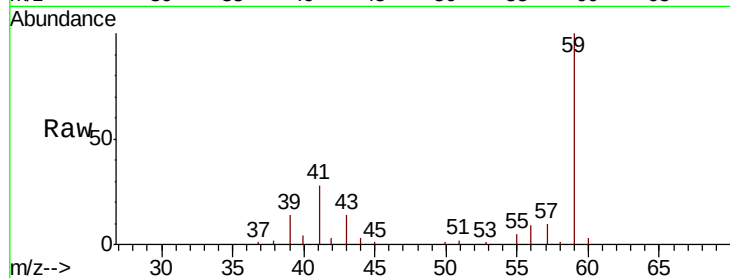
VN0709WBS01

Tgt Ion: 59 Resp: 55838

Ion Ratio Lower Upper

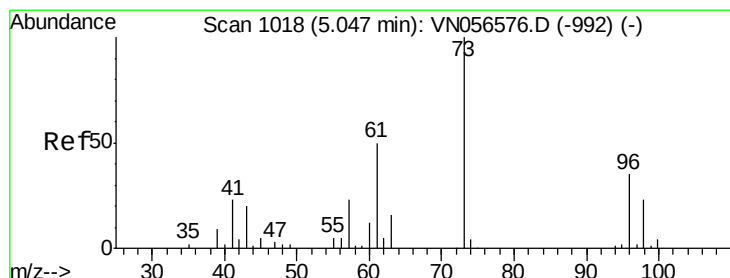
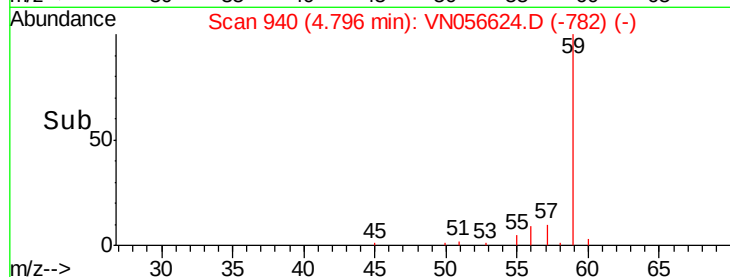
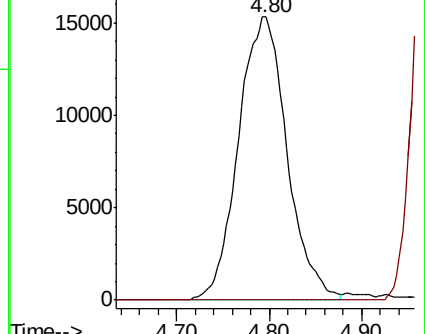
59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 18.707 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN056624.D

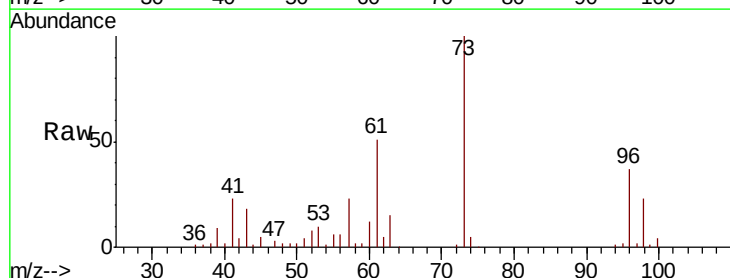
Acq: 9 Jul 2019 12:57

Tgt Ion: 73 Resp: 180362

Ion Ratio Lower Upper

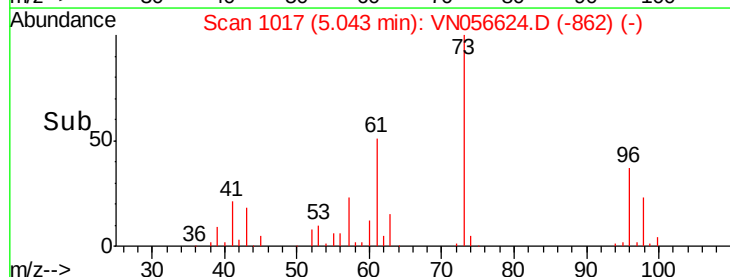
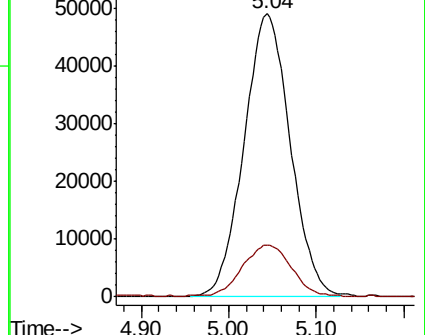
73 100

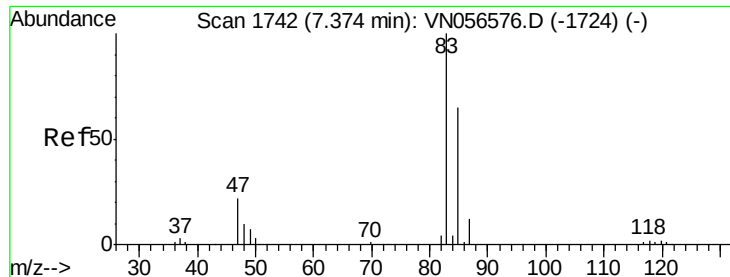
43 19.5 15.4 23.0



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

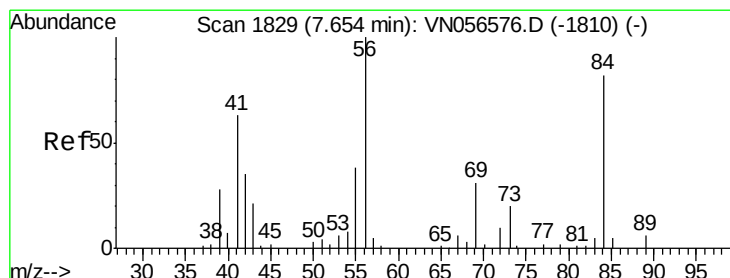
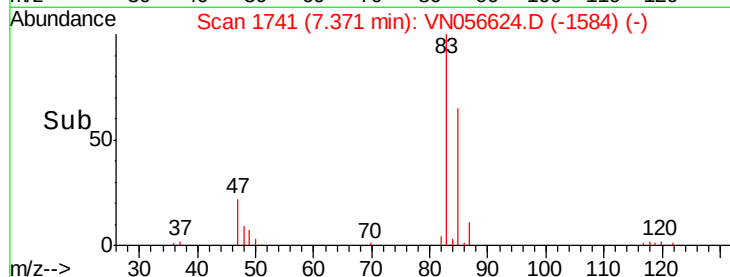
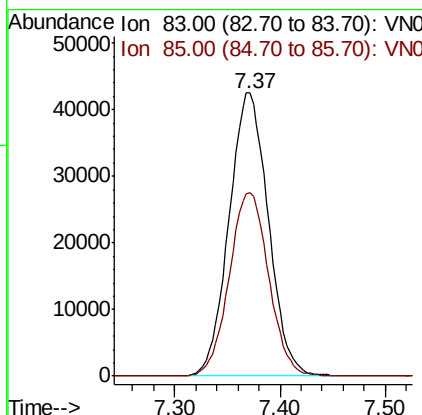
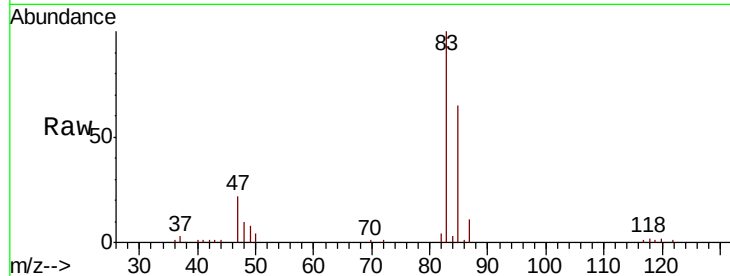




#25
Chloroform
Concen: 18.895 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

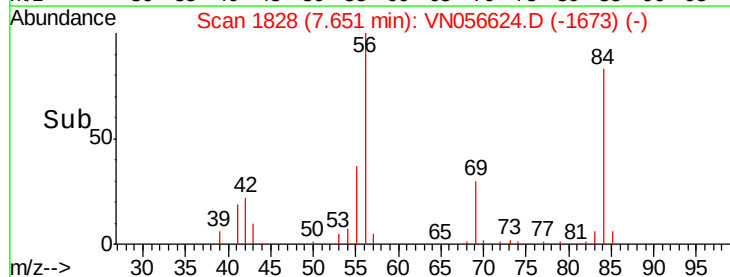
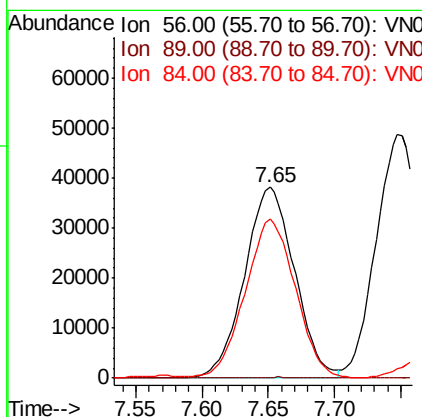
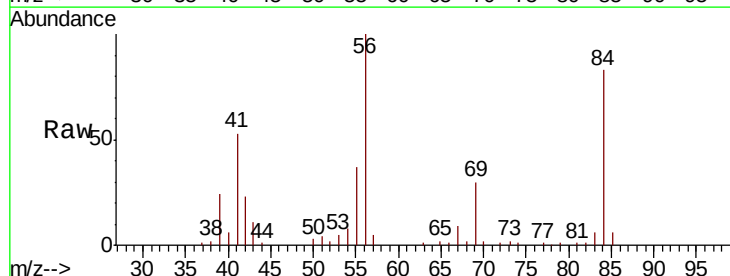
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

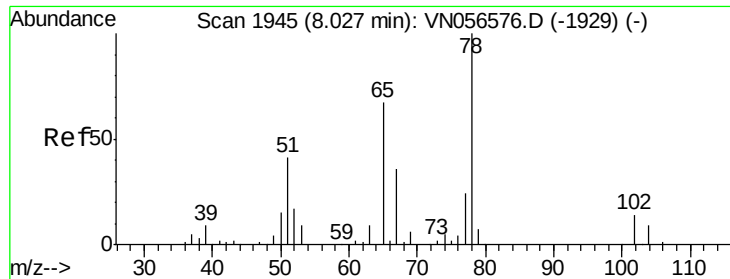
Tgt Ion: 83 Resp: 110103
Ion Ratio Lower Upper
83 100
85 64.9 52.0 78.0



#26
Cyclohexane
Concen: 18.360 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Tgt Ion: 56 Resp: 100538
Ion Ratio Lower Upper
56 100
89 0.1 0.0 0.0#
84 83.7 70.1 105.1





#27

1,2-Dichloroethane-d4

Concen: 29.228 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

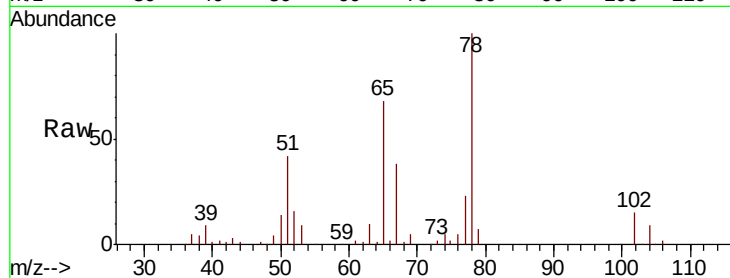
VN0709WBS01

Tgt Ion: 65 Resp: 107450

Ion Ratio Lower Upper

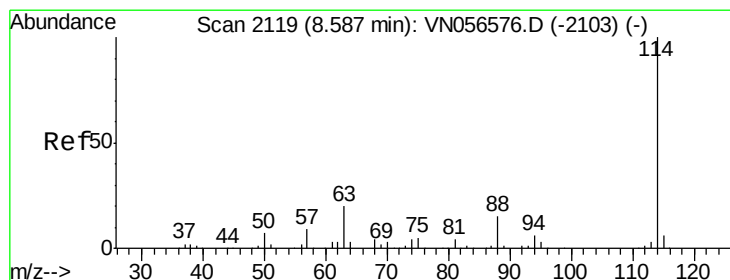
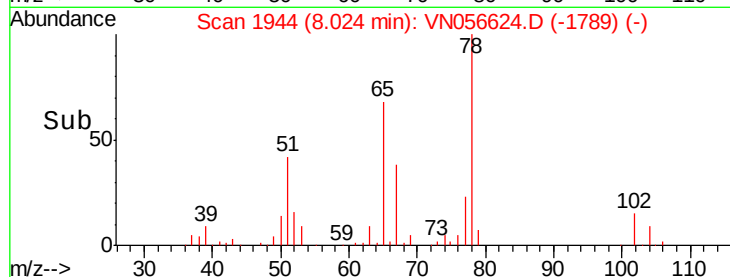
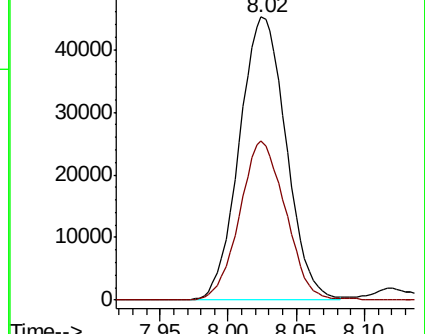
65 100

67 55.0 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

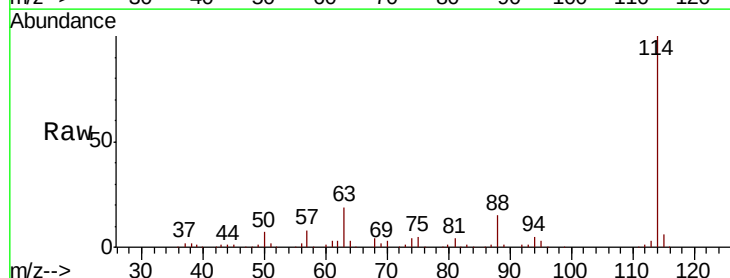
Tgt Ion: 114 Resp: 290976

Ion Ratio Lower Upper

114 100

63 19.8 14.7 22.1

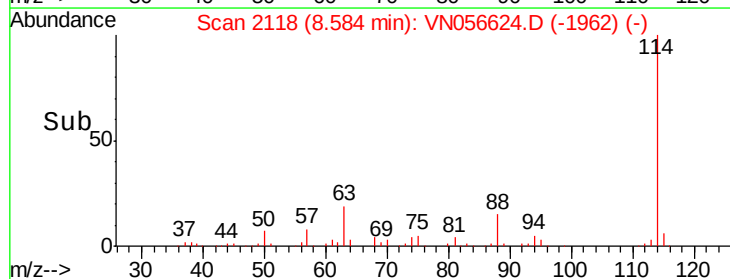
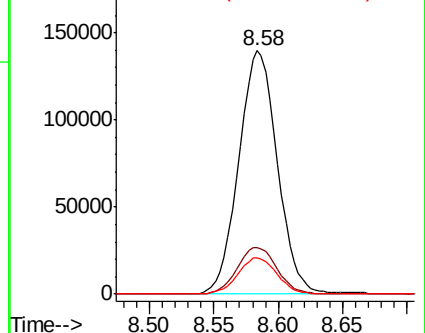
88 15.2 11.9 17.9

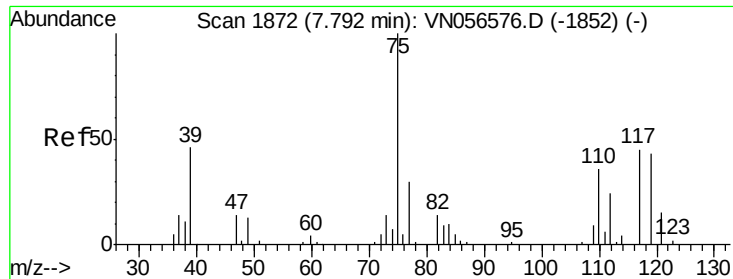


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

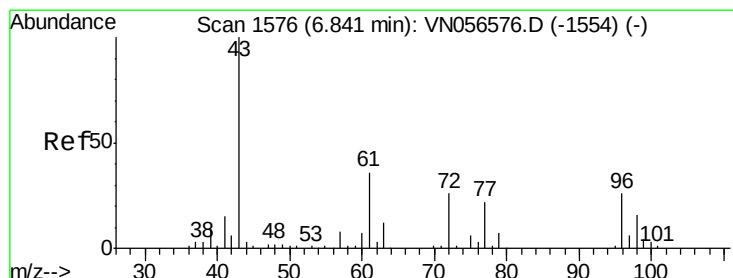
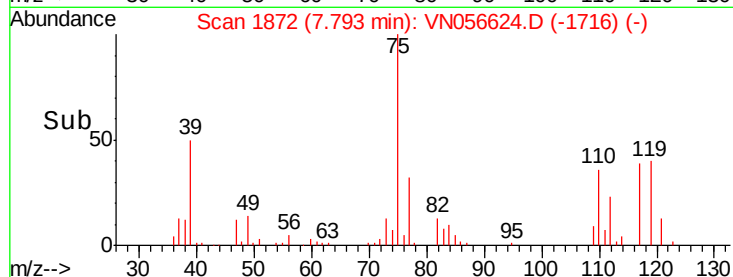
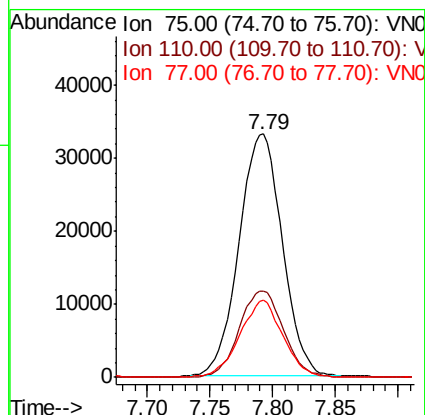
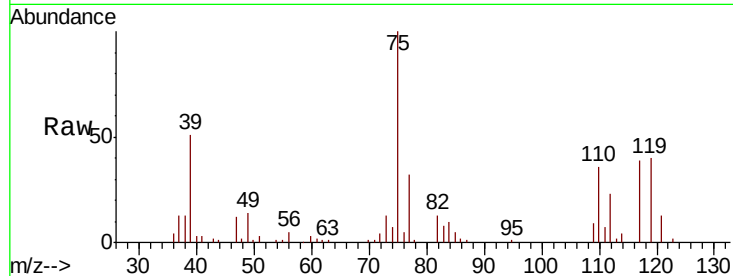




#29
 1,1-Dichloropropene
 Concen: 18.471 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

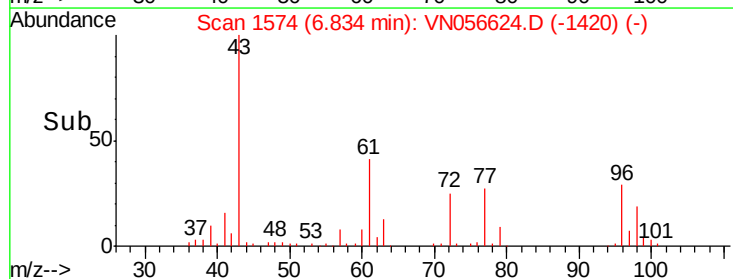
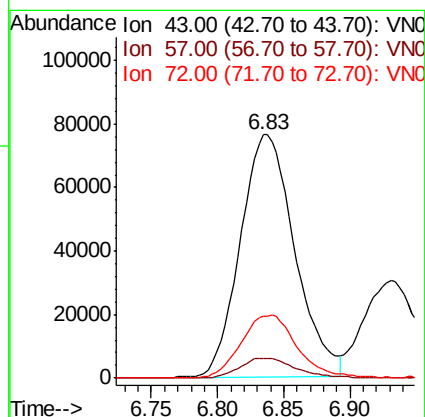
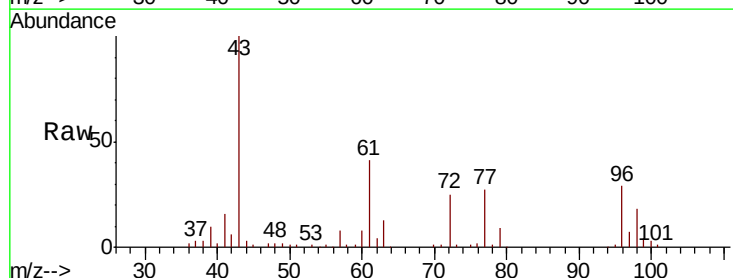
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

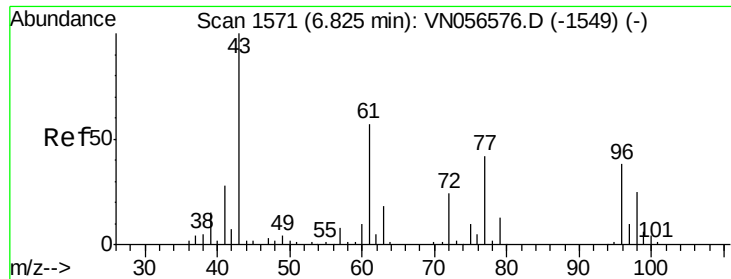
Tgt Ion: 75 Resp: 79365
 Ion Ratio Lower Upper
 75 100
 110 36.6 0.0 77.0
 77 31.9 0.0 62.4



#30
 2-Butanone
 Concen: 91.844 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 43 Resp: 218774
 Ion Ratio Lower Upper
 43 100
 57 8.2 6.7 10.1
 72 26.7 22.4 33.6

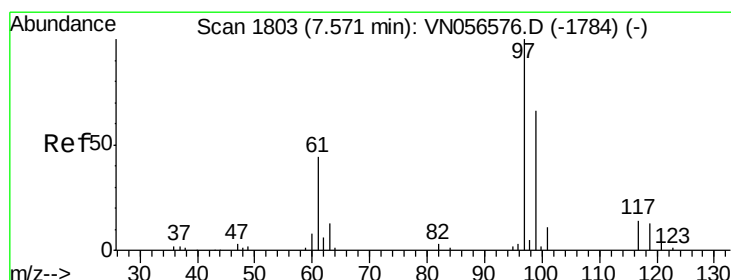
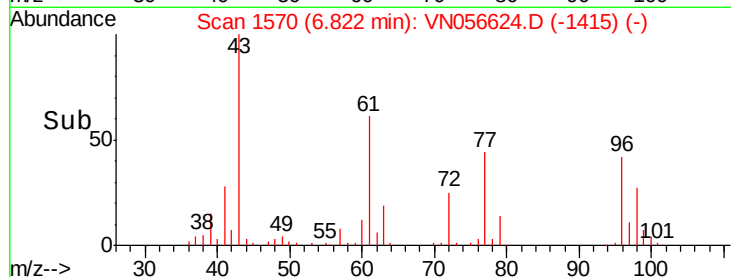
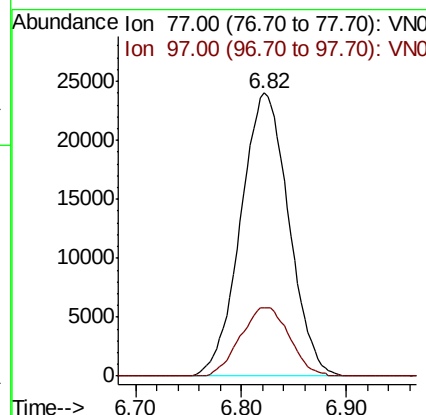
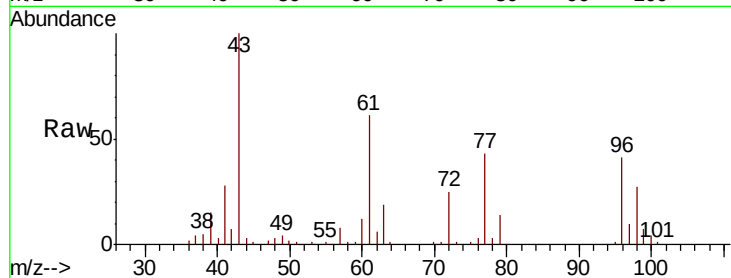




#31
 2,2-Dichloropropane
 Concen: 18.437 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

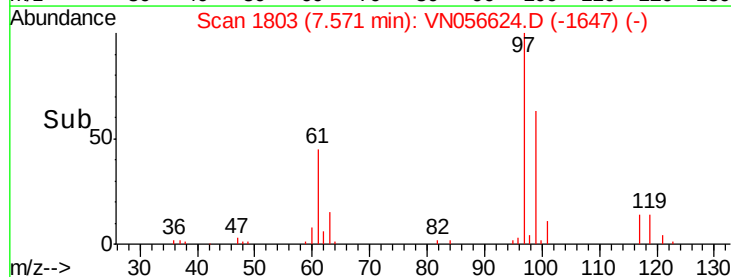
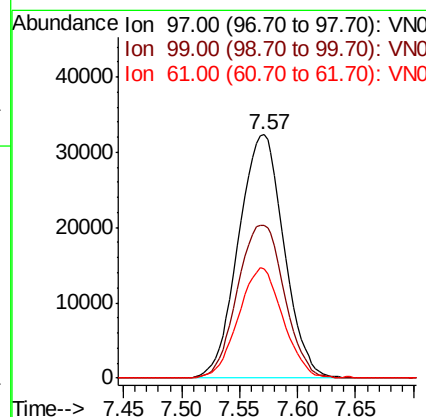
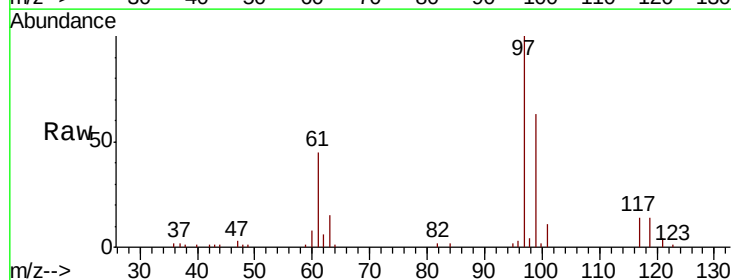
Instrument :
 MSVOA_N
 ClientSampled :
 VN0709WBS01

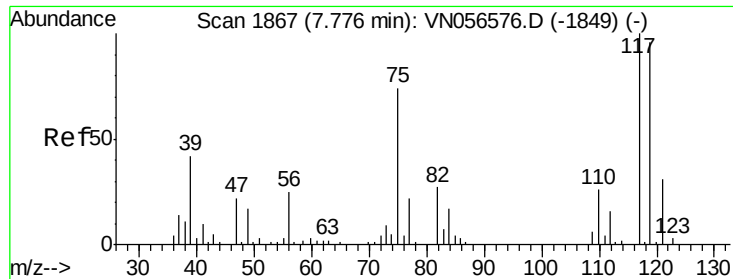
Tgt Ion: 77 Resp: 76173
 Ion Ratio Lower Upper
 77 100
 97 24.7 20.8 31.2



#32
 1,1,1-Trichloroethane
 Concen: 19.267 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 97 Resp: 88253
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.5 77.3
 61 44.3 32.9 49.3

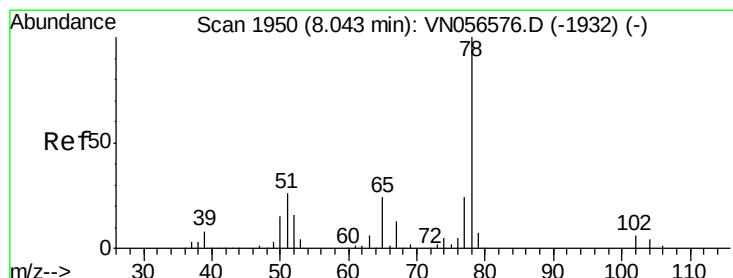
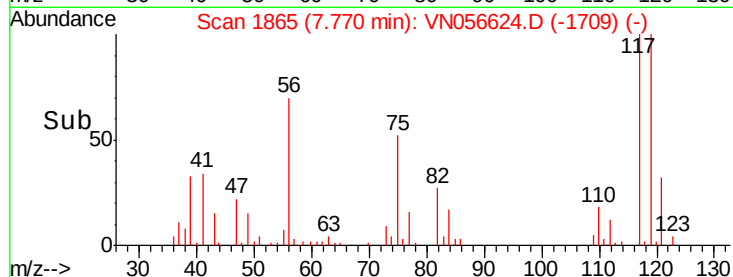
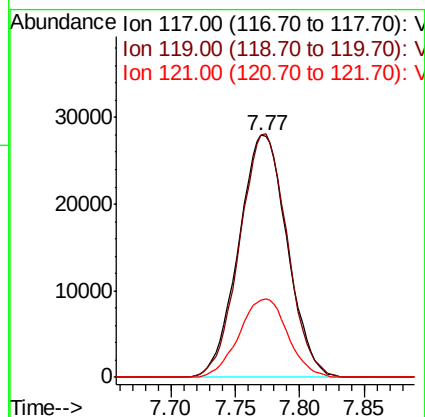
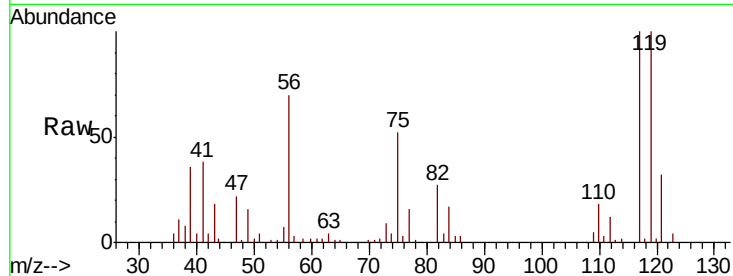




#33
Carbon Tetrachloride
Concen: 18.855 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

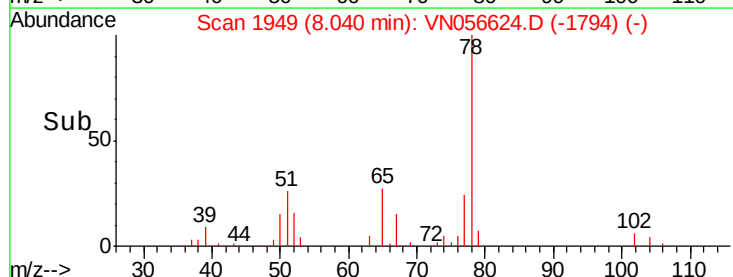
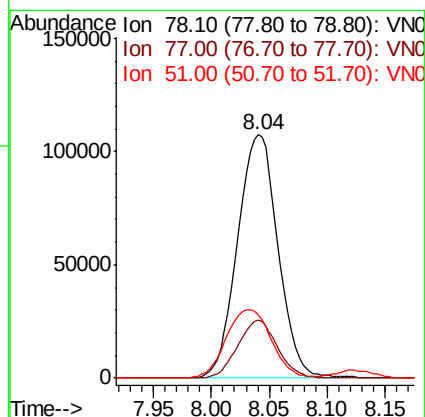
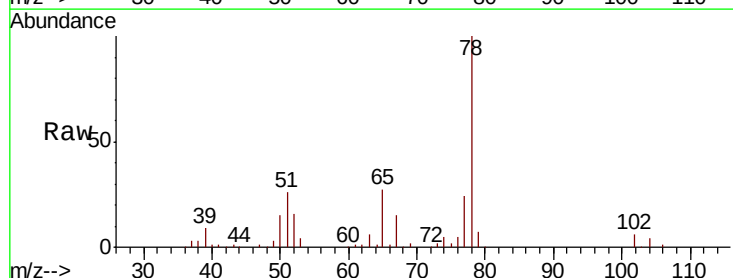
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

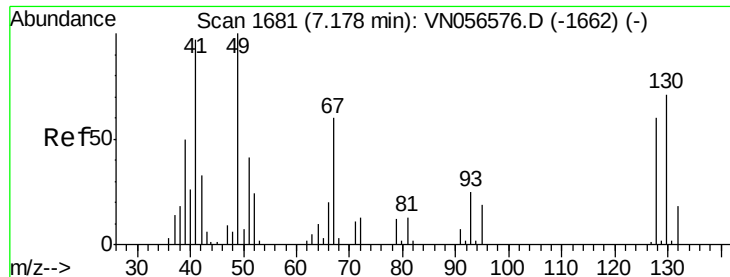
Tgt Ion:117 Resp: 73217
Ion Ratio Lower Upper
117 100
119 100.1 77.3 115.9
121 31.9 25.0 37.4



#34
Benzene
Concen: 19.410 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Tgt Ion: 78 Resp: 260796
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9
51 25.5 19.8 29.8

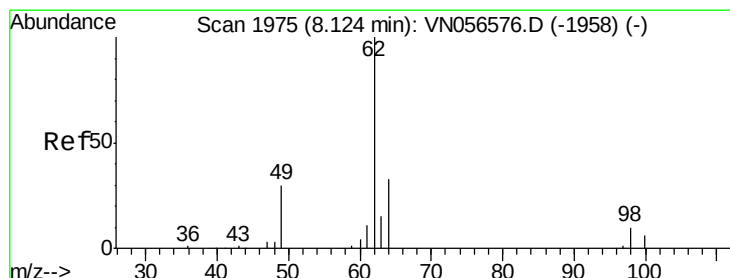
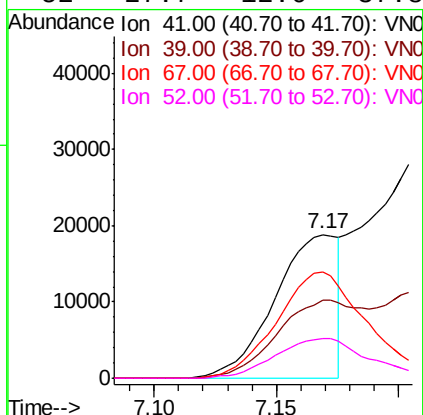
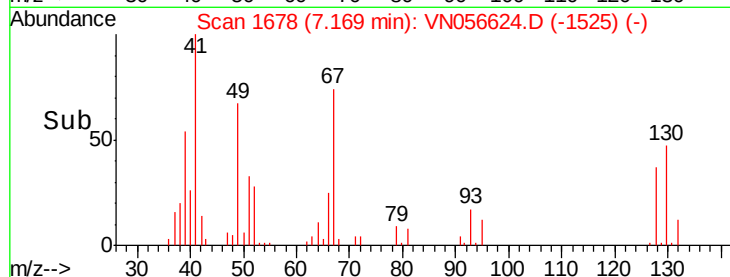
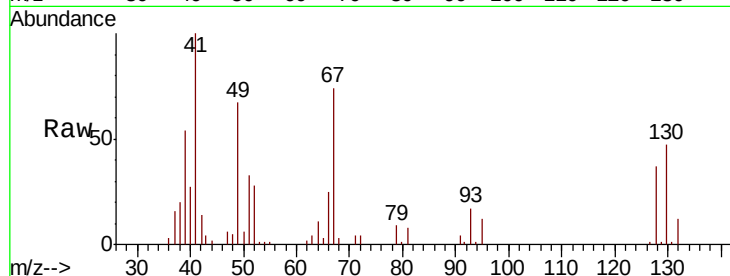




#35
Methacrylonitrile
Concen: 16.063 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.01 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

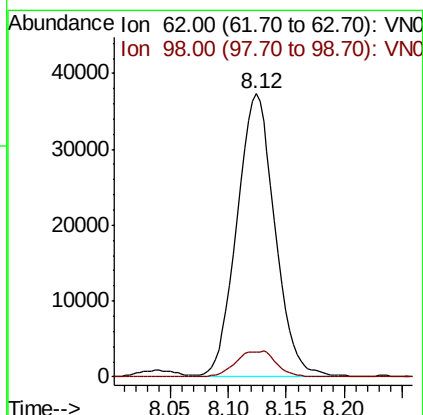
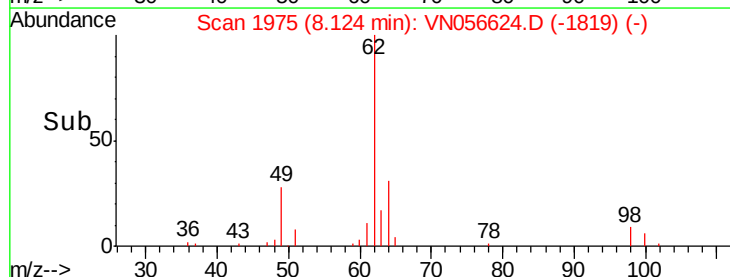
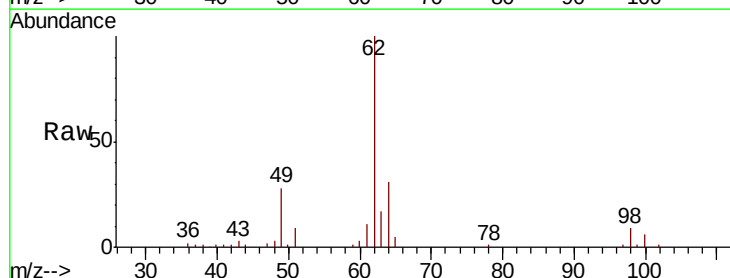
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

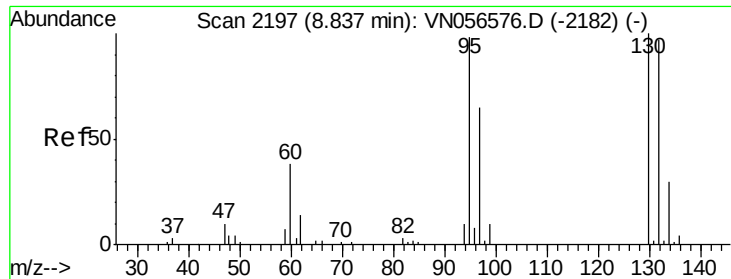
Tgt Ion:	41	Resp:	33979
Ion	Ratio	Lower	Upper
41	100		
39	54.1	24.8	74.3
67	74.2	34.3	102.9
52	27.7	12.6	37.8



#36
1,2-Dichloroethane
Concen: 19.474 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Tgt Ion:	62	Resp:	85043
Ion	Ratio	Lower	Upper
62	100		
98	5.1	8.6	13.0#

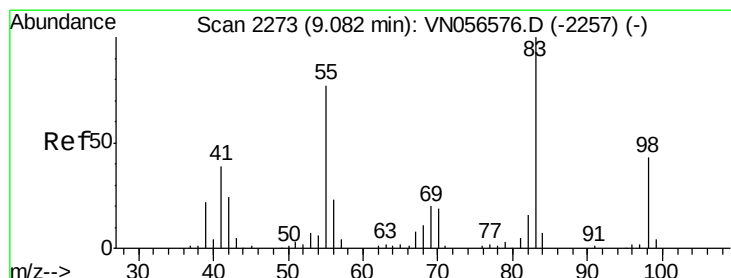
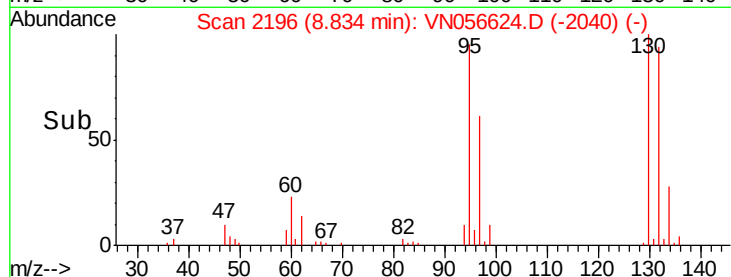
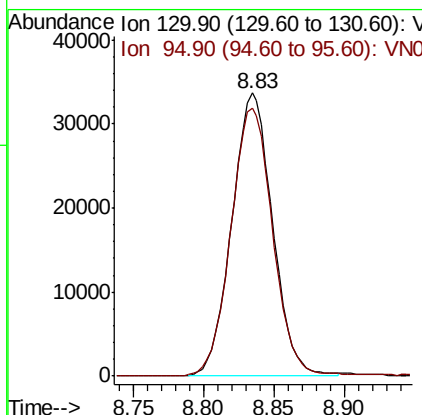
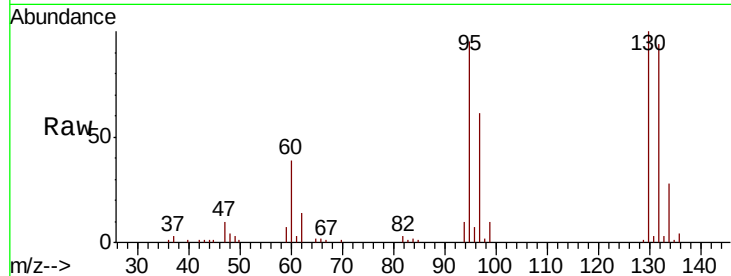




#37
 Trichloroethene
 Concen: 19.400 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

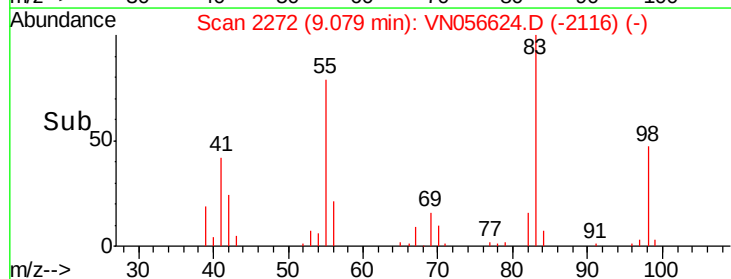
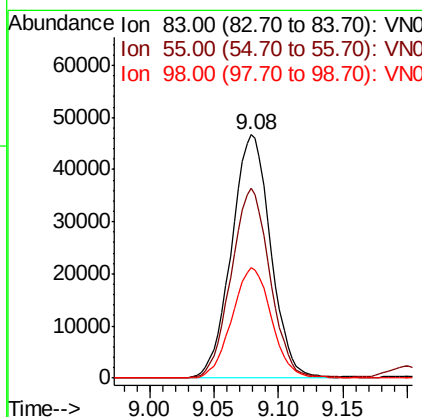
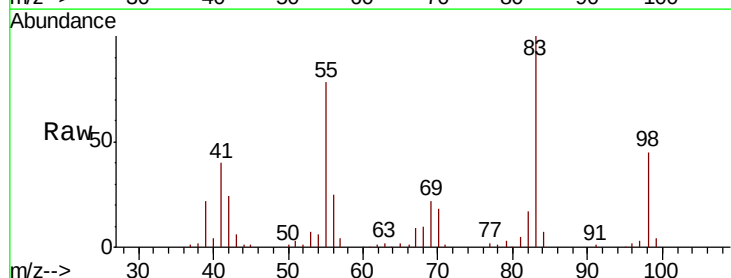
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

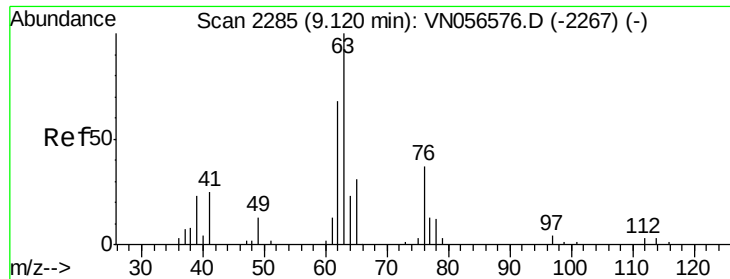
Tgt Ion:130 Resp: 67979
 Ion Ratio Lower Upper
 130 100
 95 94.2 73.0 109.6



#38
 Methylcyclohexane
 Concen: 18.348 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 83 Resp: 98802
 Ion Ratio Lower Upper
 83 100
 55 77.1 37.5 112.7
 98 45.5 23.1 69.3

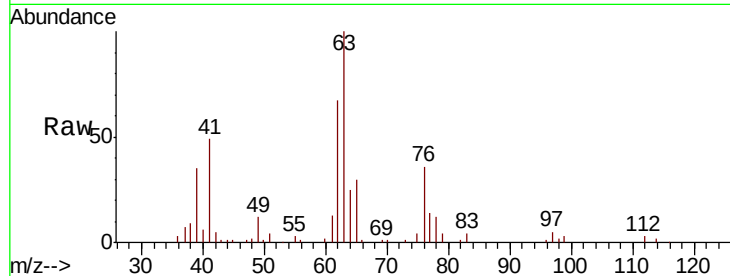




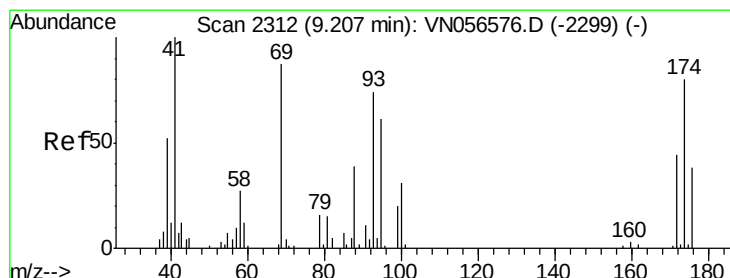
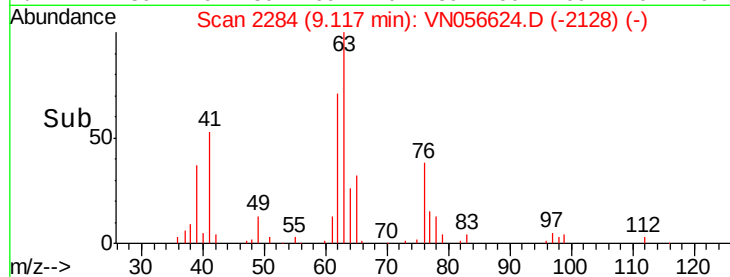
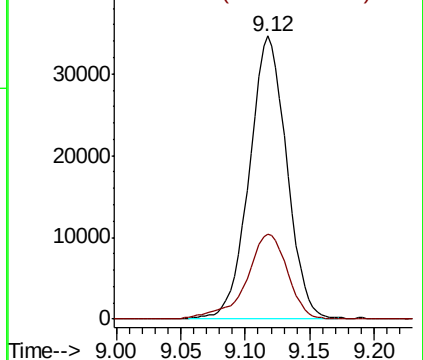
#39
 1,2-Dichloropropane
 Concen: 19.353 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

Tgt Ion: 63 Resp: 69998
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.1 34.7

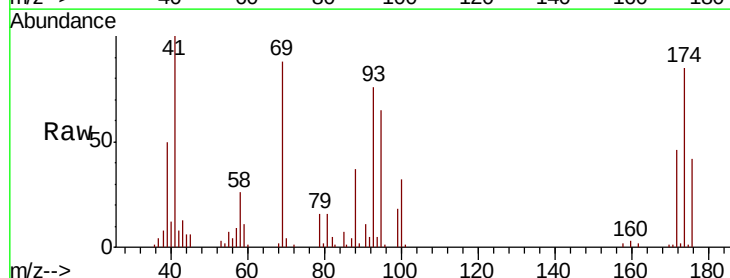


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 65.00 (64.70 to 65.70): VN0

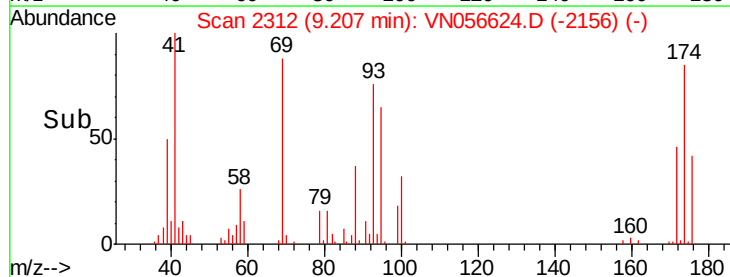
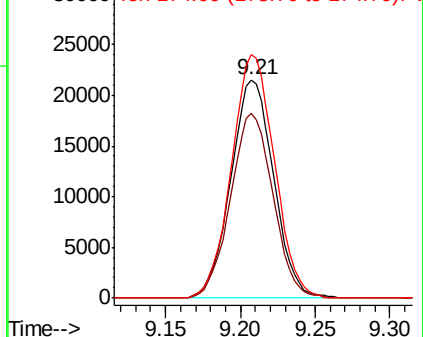


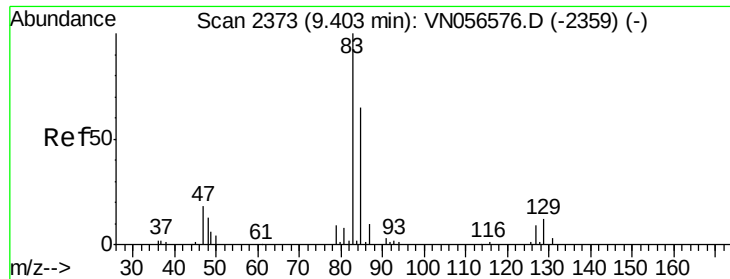
#40
 Dibromomethane
 Concen: 19.242 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 93 Resp: 43022
 Ion Ratio Lower Upper
 93 100
 95 83.8 0.0 169.0
 174 111.5 0.0 246.4



Abundance Ion 93.00 (92.70 to 93.70): VN0
 Ion 95.00 (94.70 to 95.70): VN0
 Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.246 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

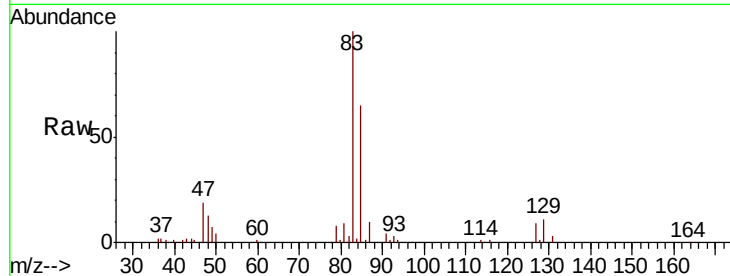
Tgt Ion: 83 Resp: 79749

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.6

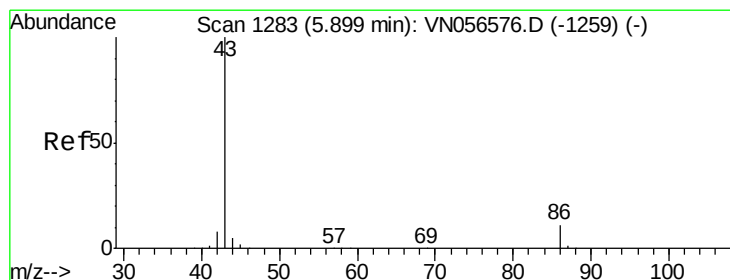
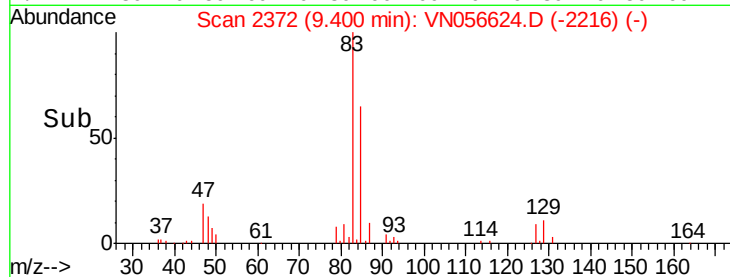
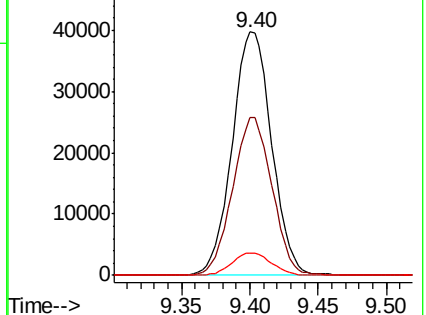
127 9.3 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 95.549 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN056624.D

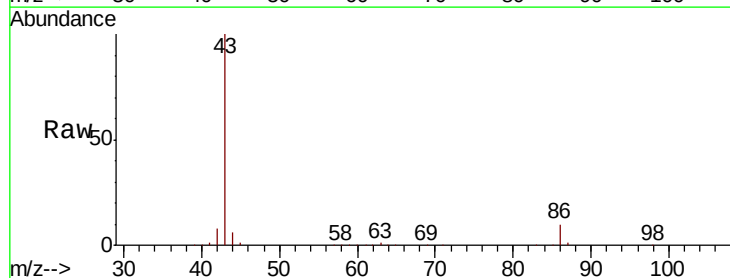
Acq: 9 Jul 2019 12:57

Tgt Ion: 43 Resp: 810409

Ion Ratio Lower Upper

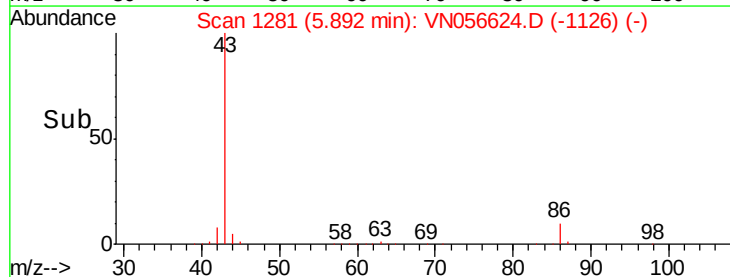
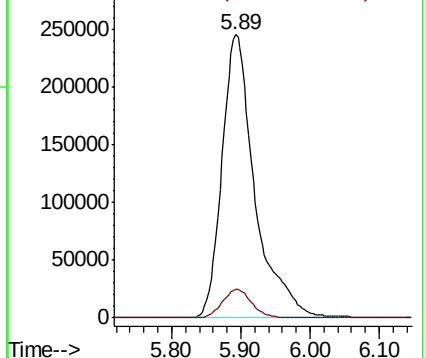
43 100

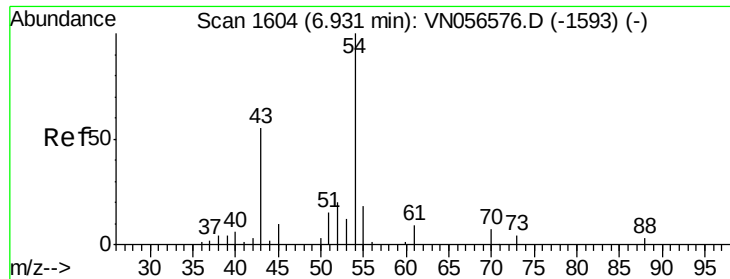
86 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 18.550 ug/l

RT: 6.93 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

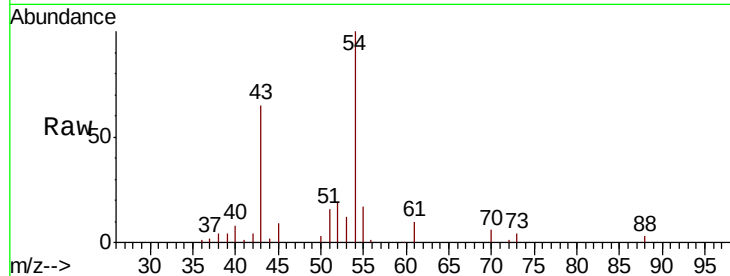
VN0709WBS01

Tgt Ion: 43 Resp: 85476

Ion Ratio Lower Upper

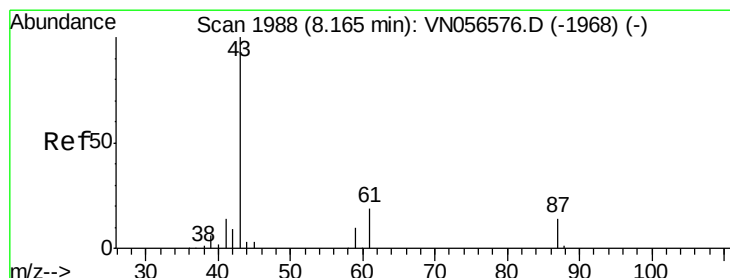
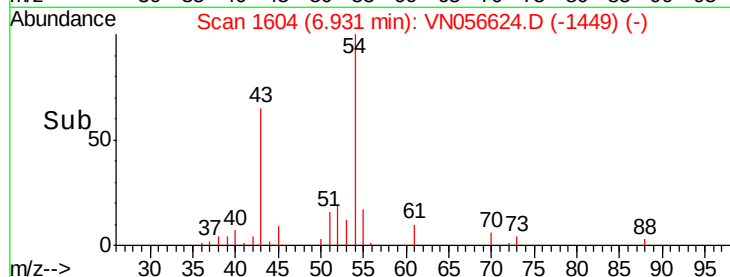
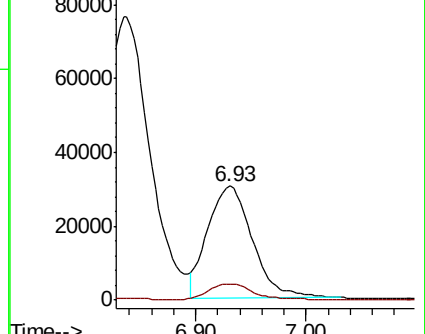
43 100

45 14.8 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 19.160 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056624.D

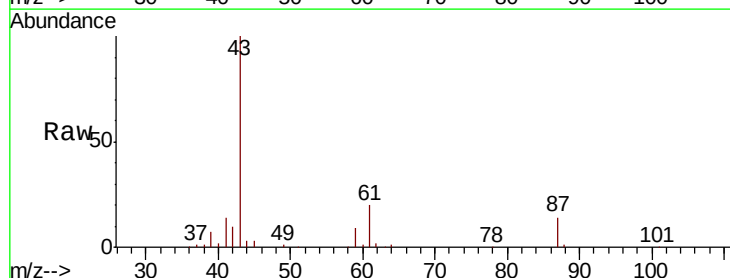
Acq: 9 Jul 2019 12:57

Tgt Ion: 43 Resp: 137747

Ion Ratio Lower Upper

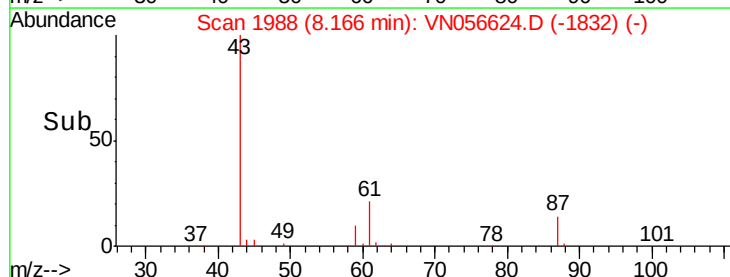
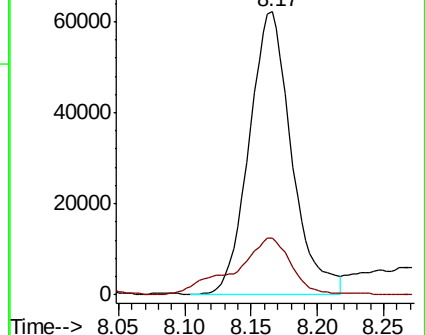
43 100

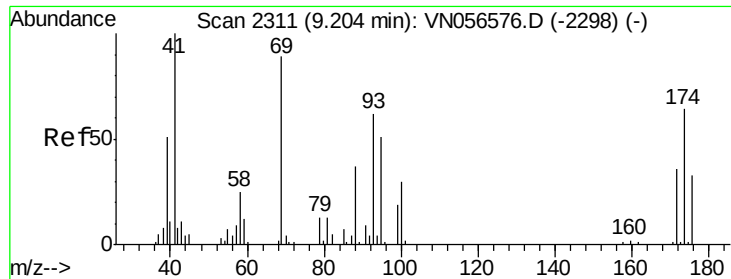
61 26.7 16.9 25.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

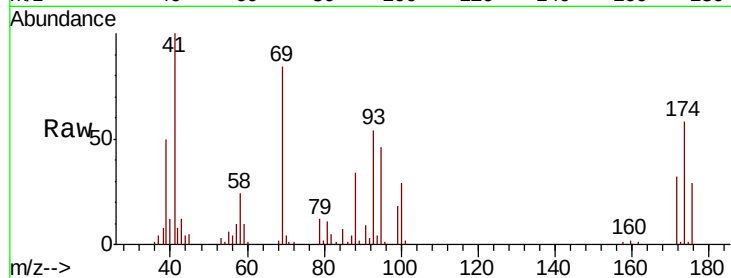




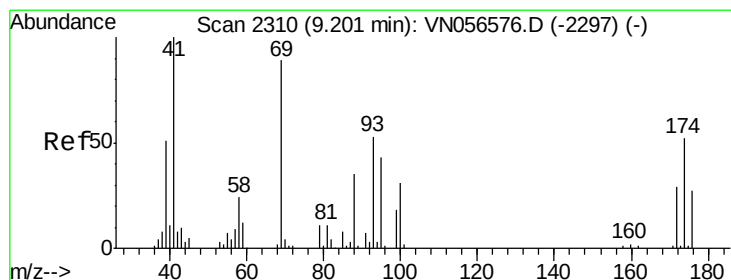
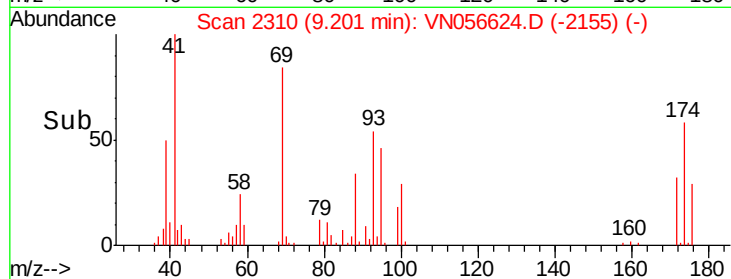
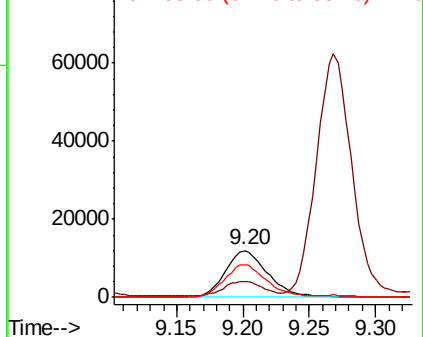
#45
 1,4-Dioxane
 Concen: 380.366 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

Tgt Ion: 88 Resp: 26756
 Ion Ratio Lower Upper
 88 100
 43 28.4 19.8 29.6
 58 69.9 48.5 72.7

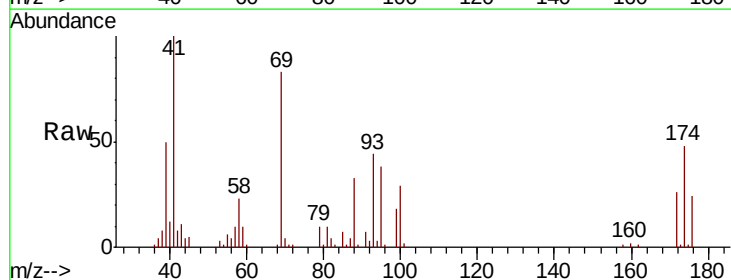


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

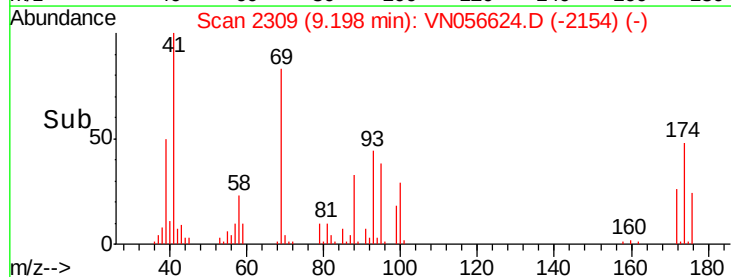
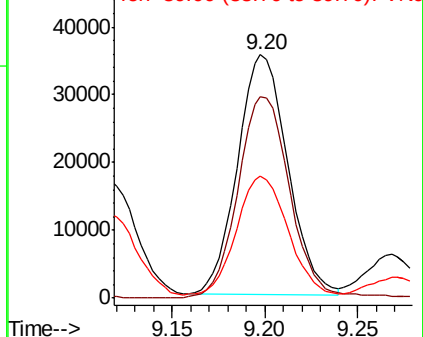


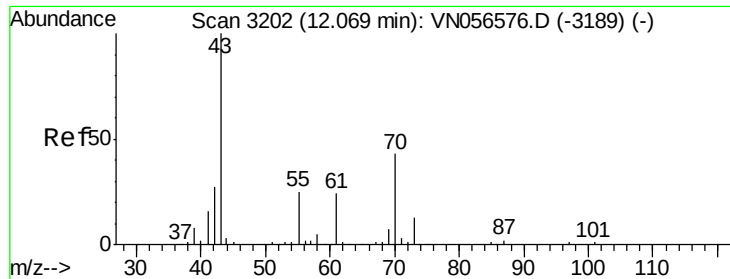
#46
 Methyl methacrylate
 Concen: 18.838 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 41 Resp: 66544
 Ion Ratio Lower Upper
 41 100
 69 83.9 46.0 137.8
 39 49.3 24.6 73.8



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-amyI Acetate

Concen: 18.264 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

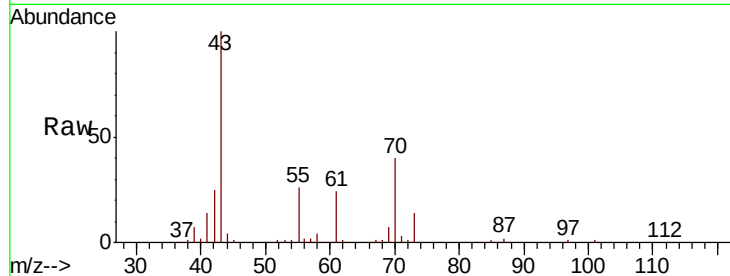
VN0709WBS01

Tgt Ion: 43 Resp: 109136

Ion Ratio Lower Upper

43 100

55 25.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

12.07

60000

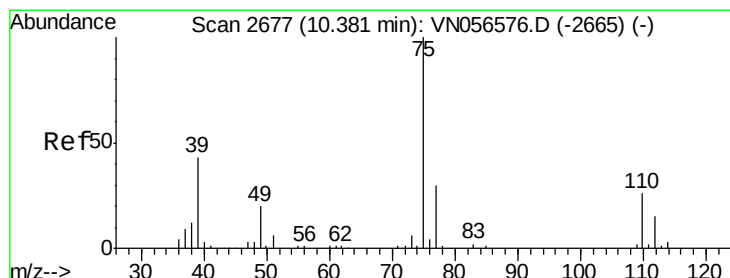
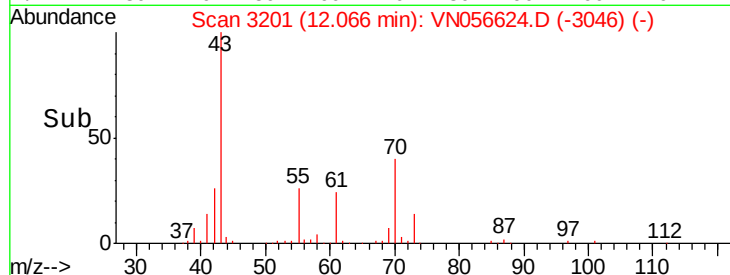
40000

20000

0

Time-->

12.00 12.10



#48

t-1,3-Dichloropropene

Concen: 18.712 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056624.D

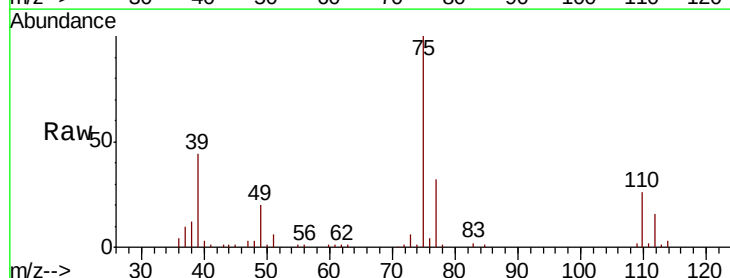
Acq: 9 Jul 2019 12:57

Tgt Ion: 75 Resp: 83100

Ion Ratio Lower Upper

75 100

77 32.1 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

10.38

50000

40000

30000

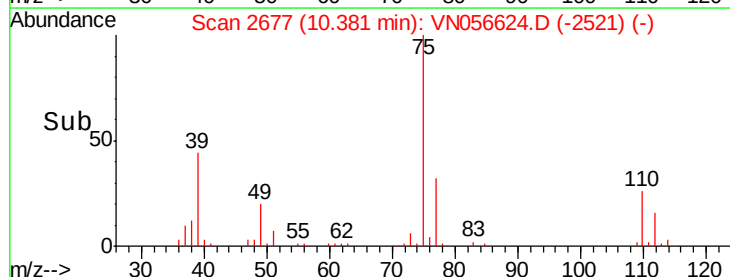
20000

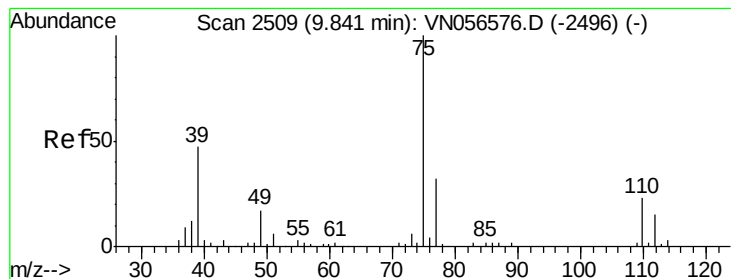
10000

0

Time-->

10.30 10.40



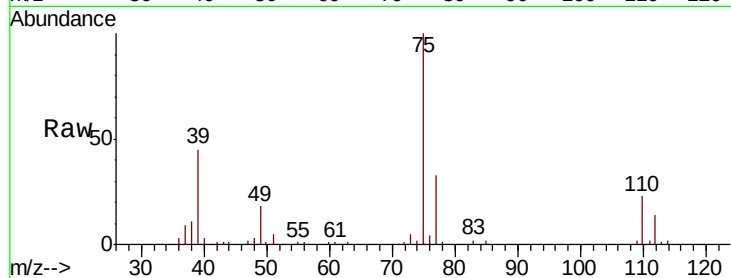


#49

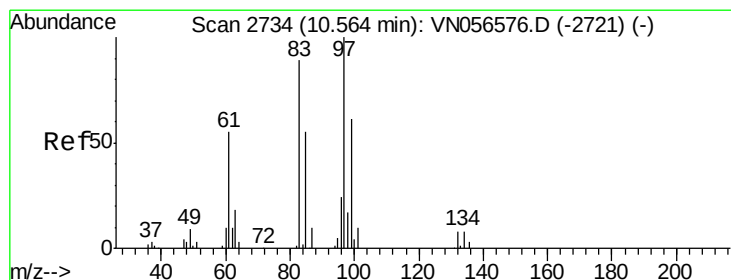
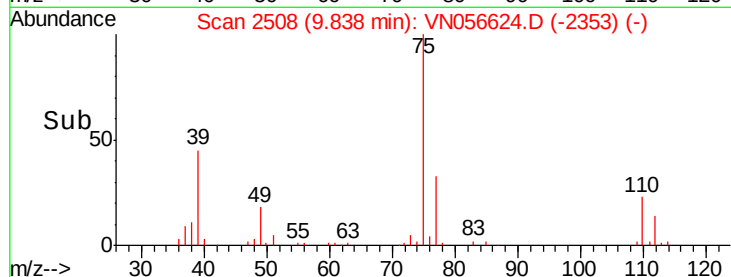
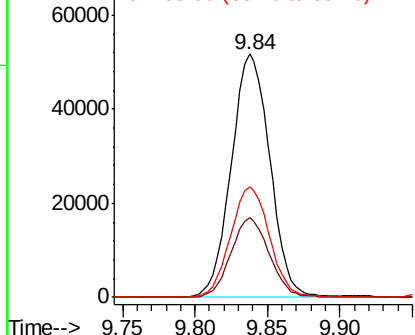
cis-1,3-Dichloropropene
 Concen: 18.715 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

Tgt Ion: 75 Resp: 95866
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.1 37.7
 39 45.3 34.3 51.5



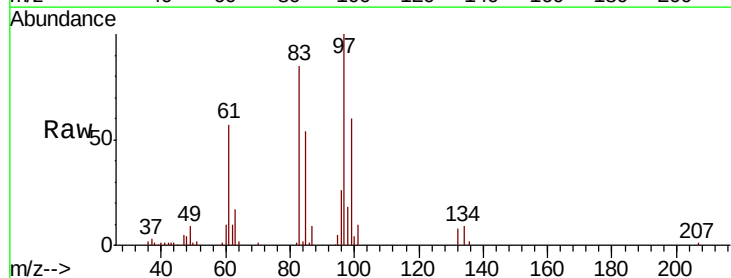
Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO



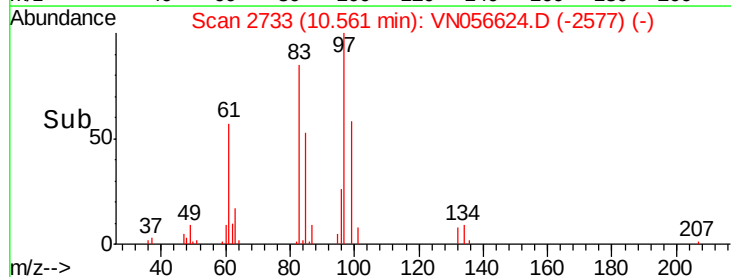
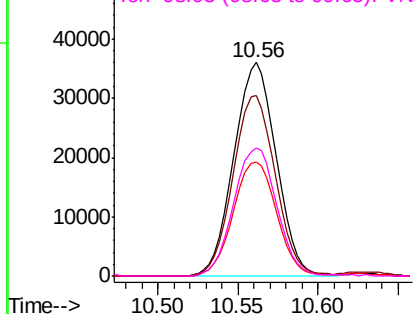
#50

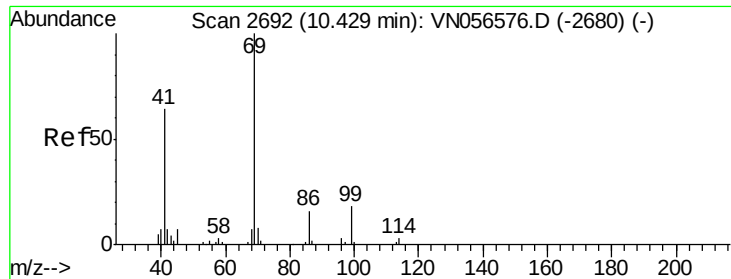
1,1,2-Trichloroethane
 Concen: 19.771 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 97 Resp: 65121
 Ion Ratio Lower Upper
 97 100
 83 84.7 66.9 100.3
 85 53.6 43.3 64.9
 99 60.2 48.6 73.0



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: 18.674 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

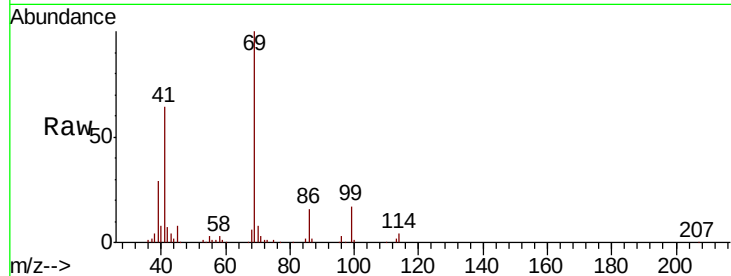
Tgt Ion: 69 Resp: 96873

Ion Ratio Lower Upper

69 100

41 63.4 30.8 92.3

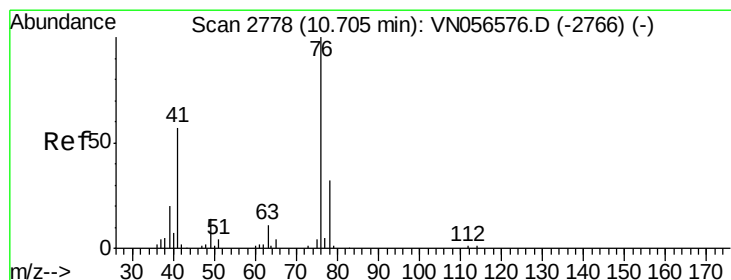
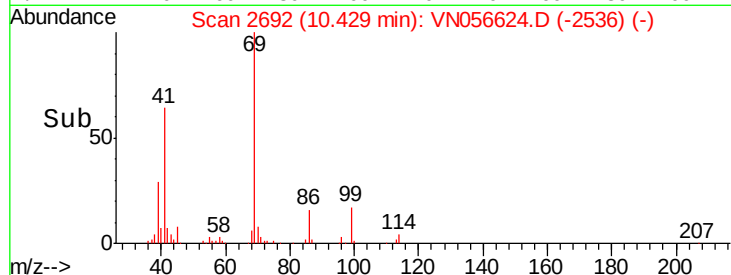
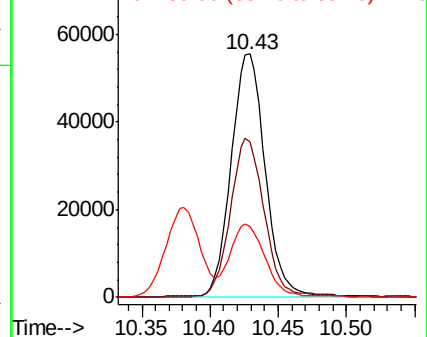
39 28.6 14.5 43.6



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: 19.164 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056624.D

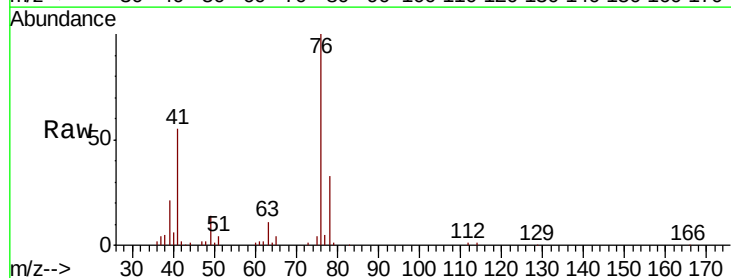
Acq: 9 Jul 2019 12:57

Tgt Ion: 76 Resp: 107258

Ion Ratio Lower Upper

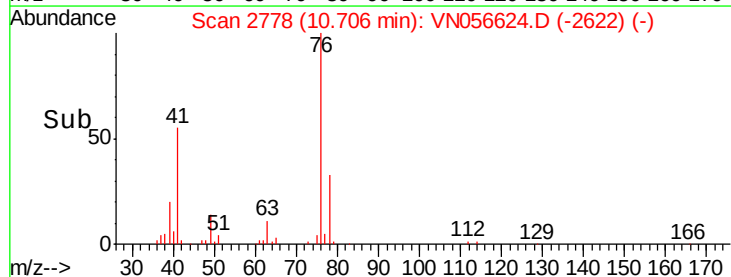
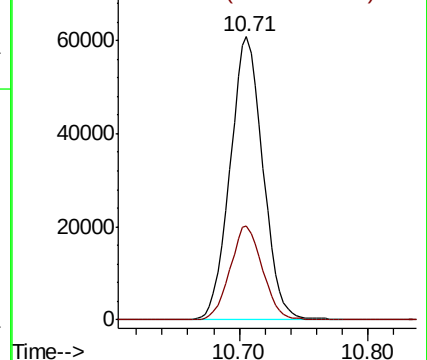
76 100

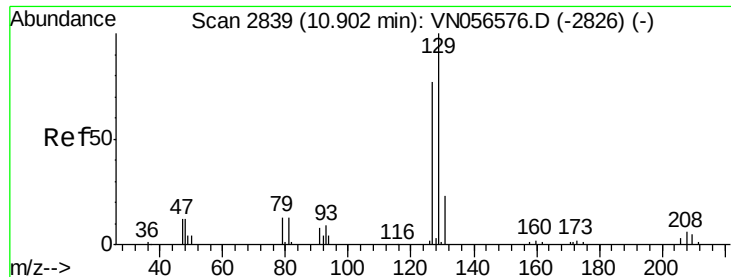
78 32.9 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 19.465 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

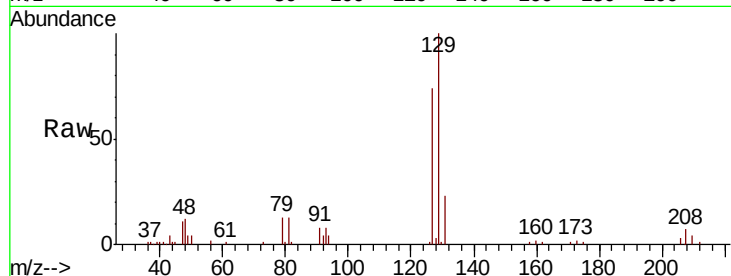
VN0709WBS01

Tgt Ion:129 Resp: 62838

Ion Ratio Lower Upper

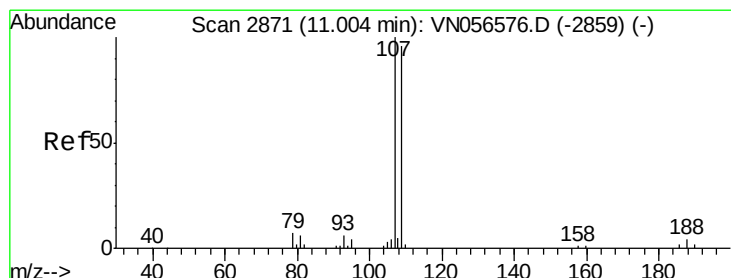
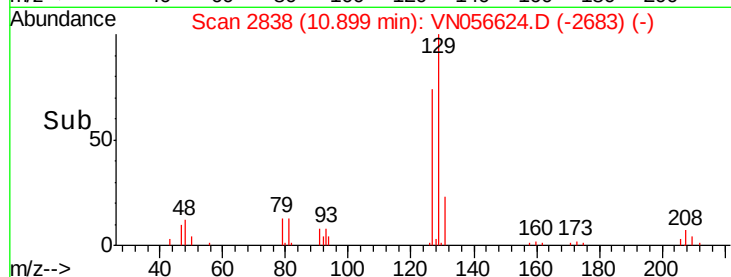
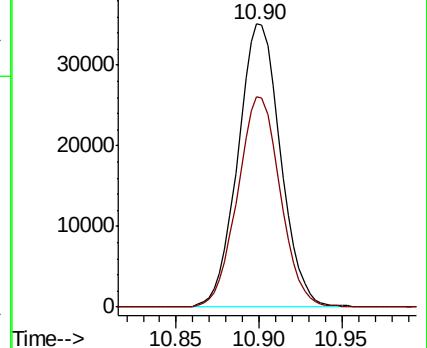
129 100

127 74.4 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.087 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056624.D

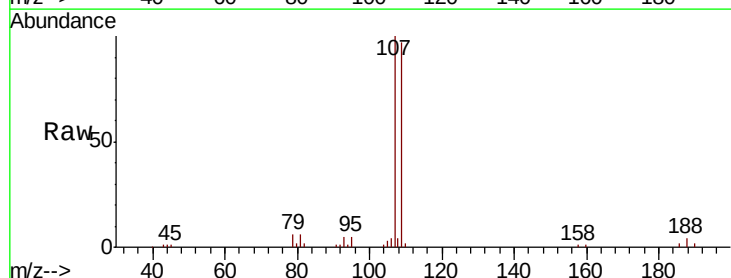
Acq: 9 Jul 2019 12:57

Tgt Ion:107 Resp: 65506

Ion Ratio Lower Upper

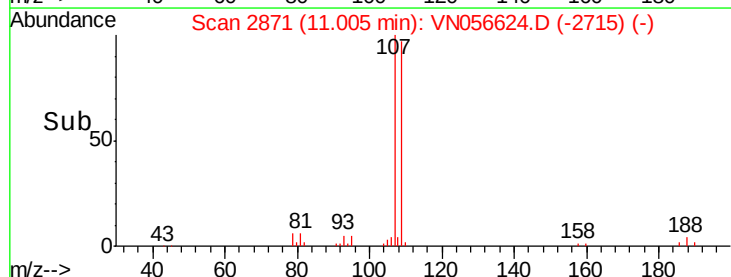
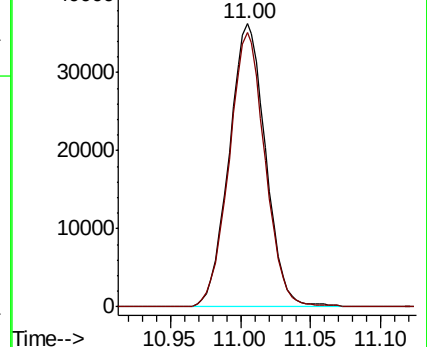
107 100

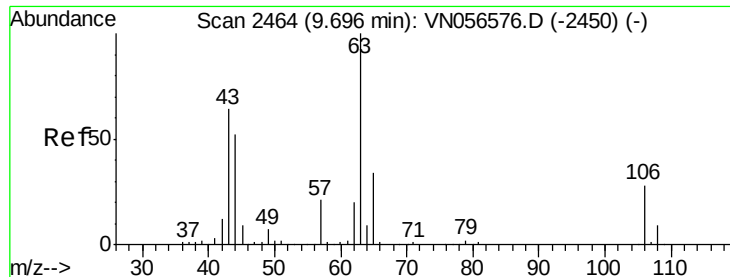
109 95.2 76.8 115.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

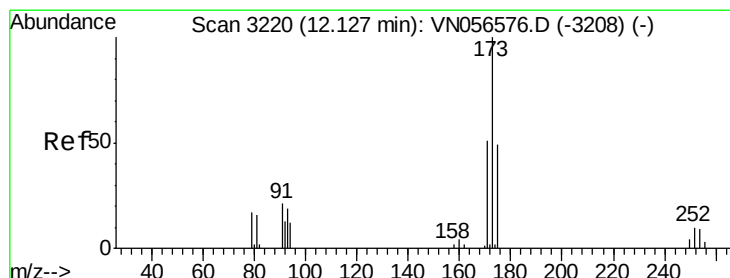
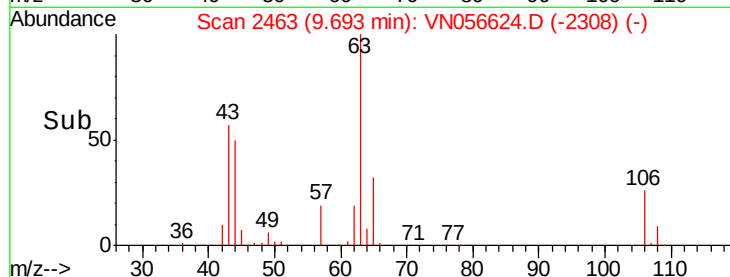
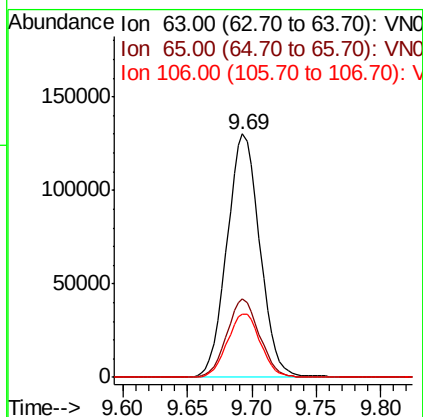
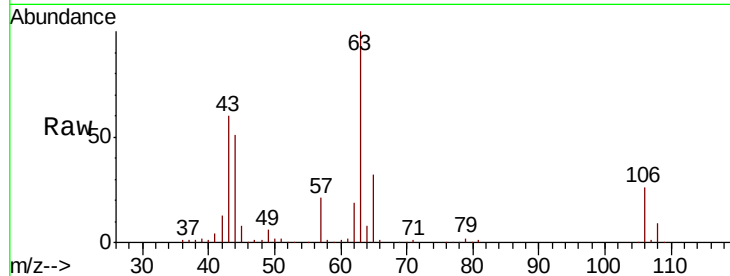




#55
 2-Chloroethyl vinyl ether
 Concen: 87.392 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

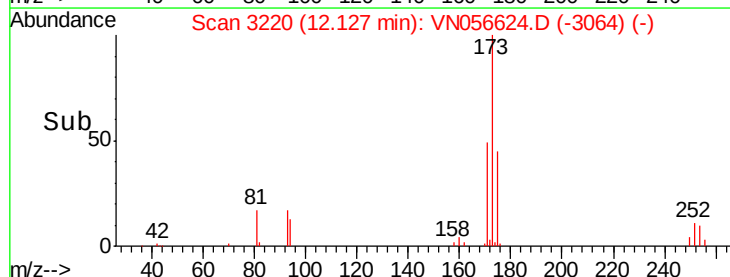
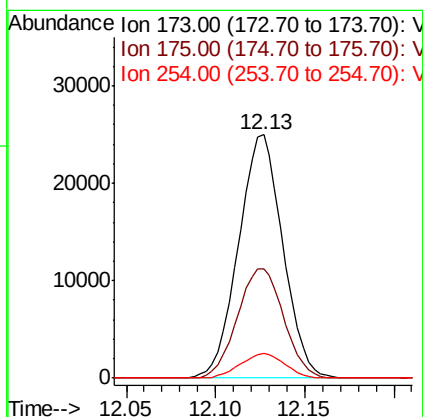
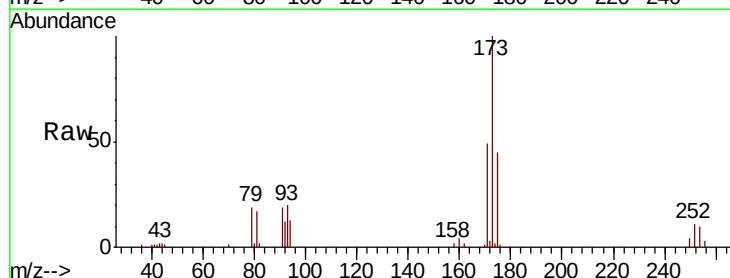
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

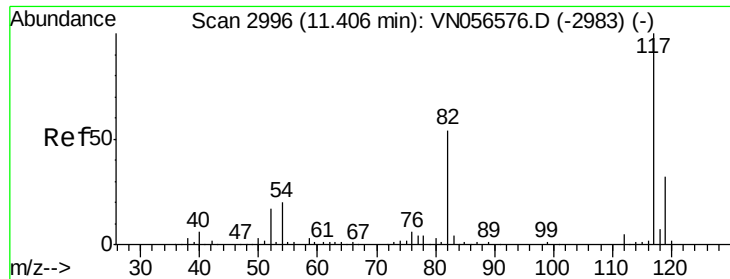
Tgt Ion: 63 Resp: 231008
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.5 38.3
 106 26.4 23.0 34.4



#56
 Bromoform
 Concen: 18.511 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 173 Resp: 43421
 Ion Ratio Lower Upper
 173 100
 175 46.6 38.7 58.1
 254 10.0 6.6 9.8#

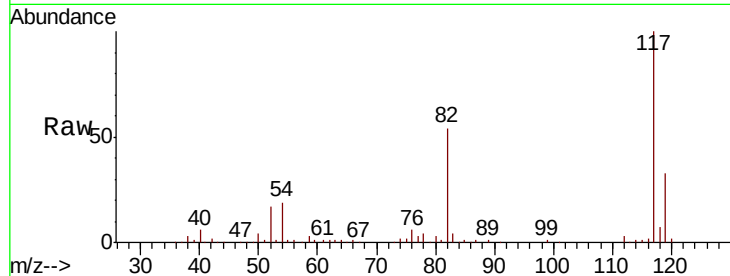




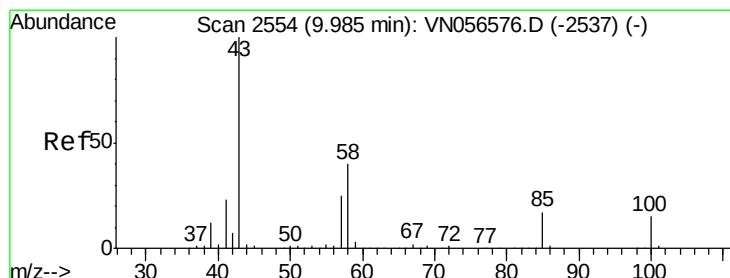
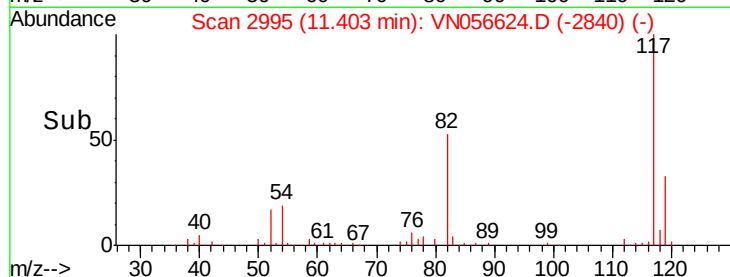
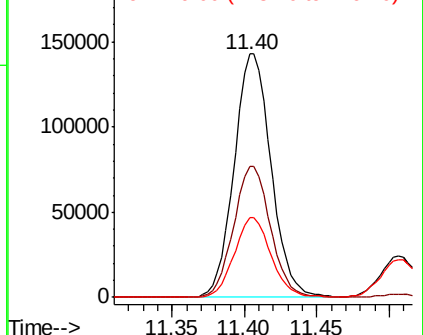
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Instrument :
MSVOA_N
ClientSampled :
VN0709WBS01

Tgt Ion: 117 Resp: 253517
Ion Ratio Lower Upper
117 100
82 53.7 41.2 61.8
119 32.5 26.2 39.2

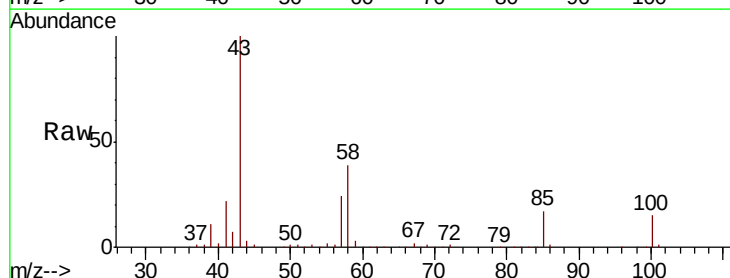


Abundance Ion 117.00 (116.70 to 117.70): VN056576.D (-2983) (-)
Ion 82.00 (81.70 to 82.70): VN056576.D (-2983) (-)
Ion 119.00 (118.70 to 119.70): VN056576.D (-2983) (-)

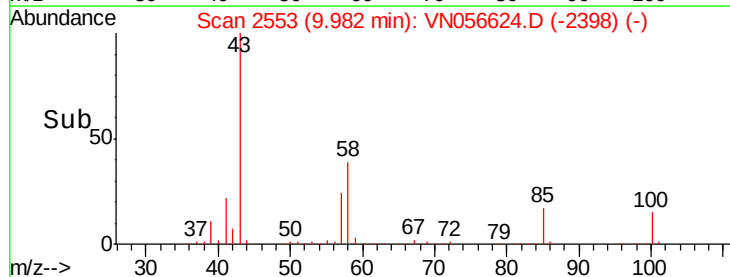
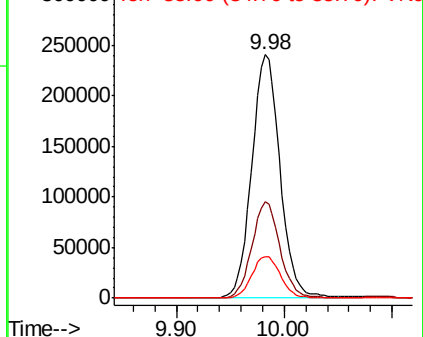


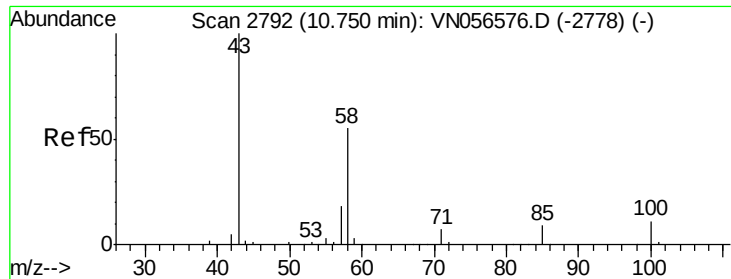
#58
4-Methyl-2-Pentanone
Concen: 95.722 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Tgt Ion: 43 Resp: 436319
Ion Ratio Lower Upper
43 100
58 39.2 33.1 49.7
85 17.4 15.5 23.3



Abundance Ion 43.00 (42.70 to 43.70): VN056576.D (-2537) (-)
Ion 58.00 (57.70 to 58.70): VN056576.D (-2537) (-)
Ion 85.00 (84.70 to 85.70): VN056576.D (-2537) (-)

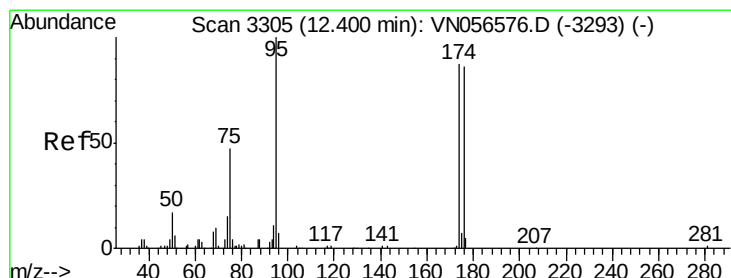
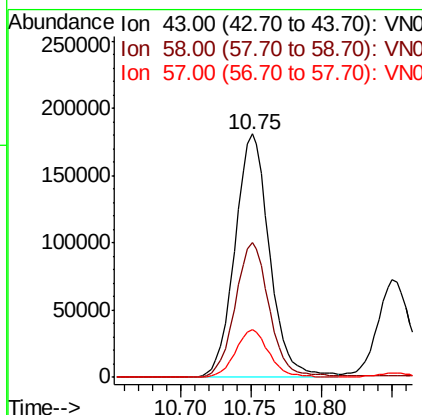
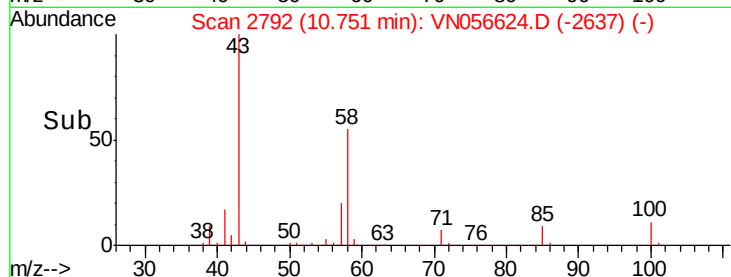
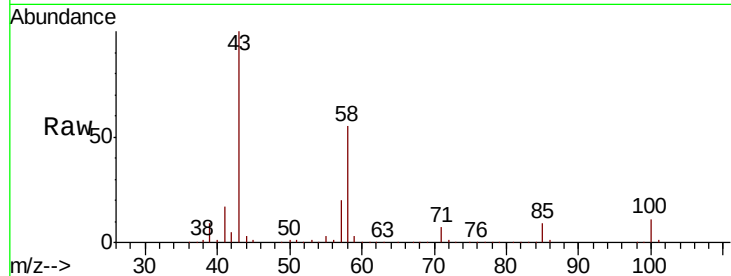




#59
2-Hexanone
Concen: 91.865 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

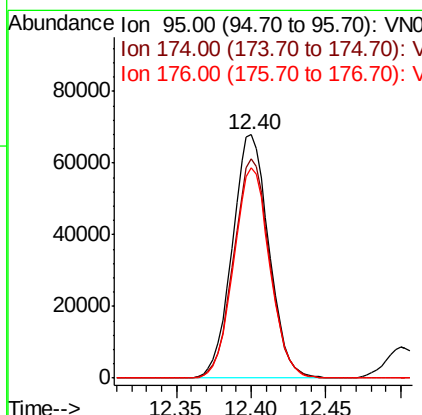
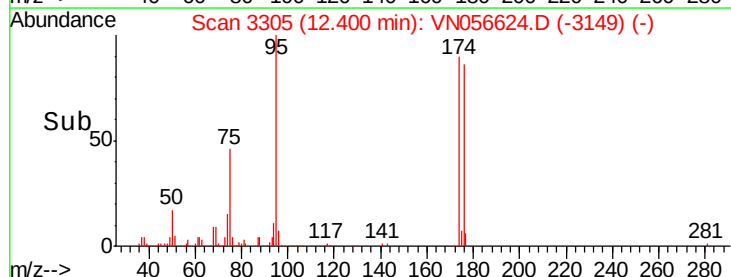
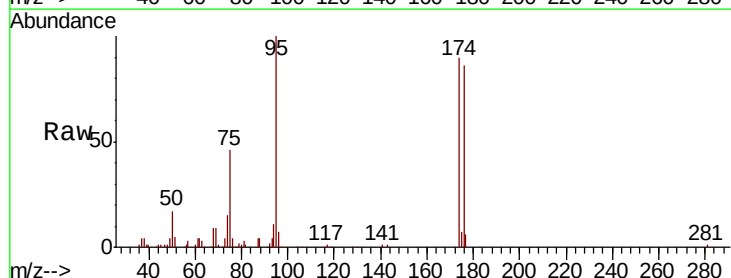
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

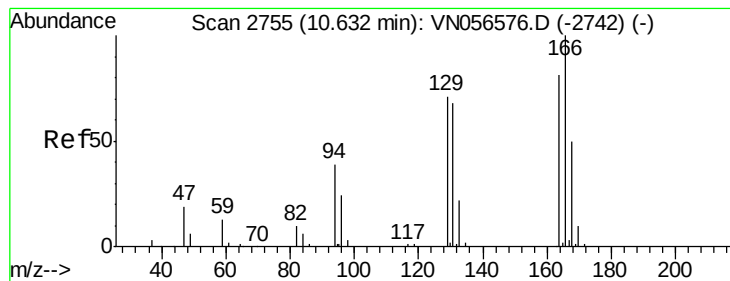
Tgt Ion: 43 Resp: 310723
Ion Ratio Lower Upper
43 100
58 55.3 45.3 67.9
57 19.2 15.6 23.4



#60
4-Bromofluorobenzene
Concen: 29.687 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Tgt Ion: 95 Resp: 115649
Ion Ratio Lower Upper
95 100
174 88.6 75.4 113.0
176 85.3 73.9 110.9





#61

Tetrachloroethene

Concen: 20.497 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

Tgt Ion:164 Resp: 65221

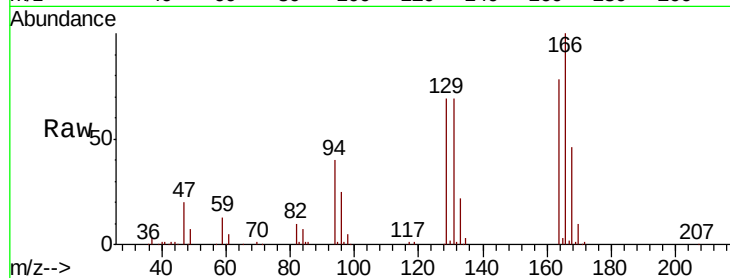
Ion Ratio Lower Upper

164 100

166 128.5 104.3 156.5

129 88.5 71.5 107.3

131 88.4 67.7 101.5

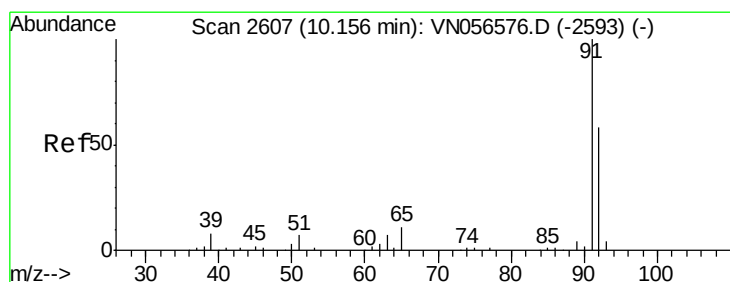
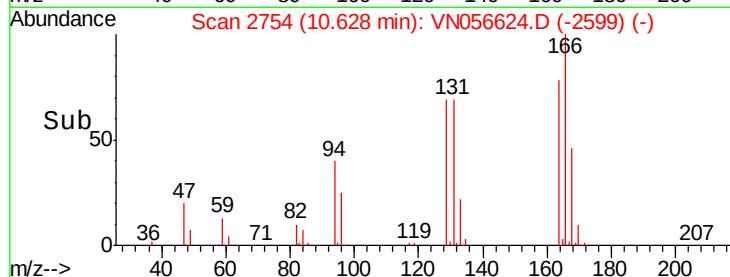
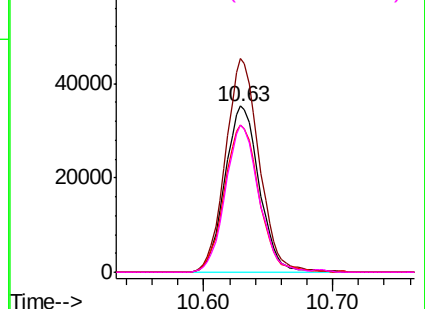


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.383 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056624.D

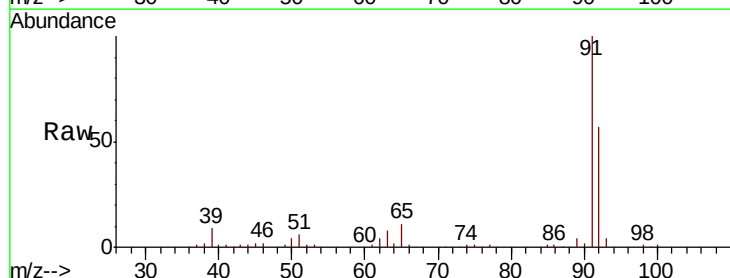
Acq: 9 Jul 2019 12:57

Tgt Ion: 91 Resp: 274253

Ion Ratio Lower Upper

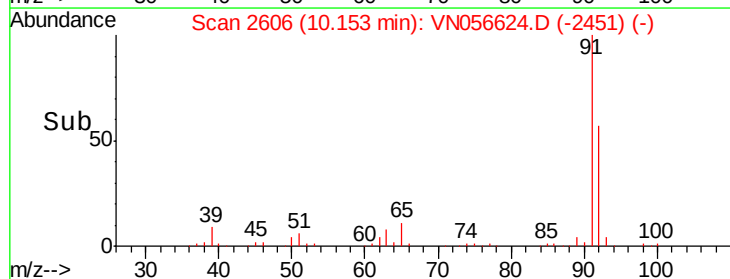
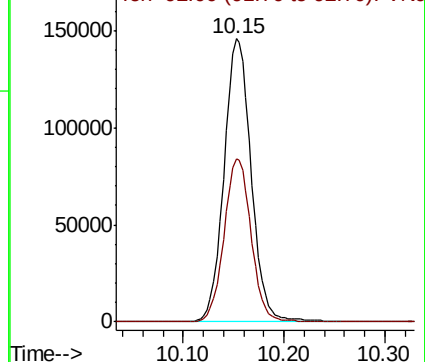
91 100

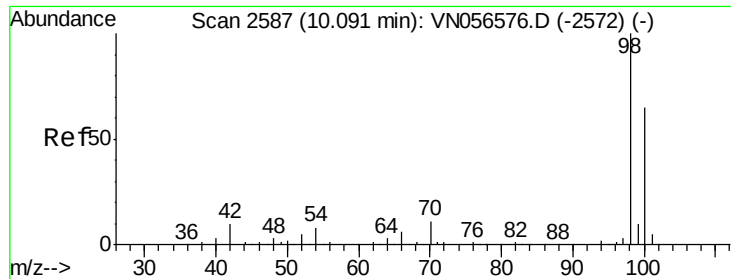
92 57.4 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

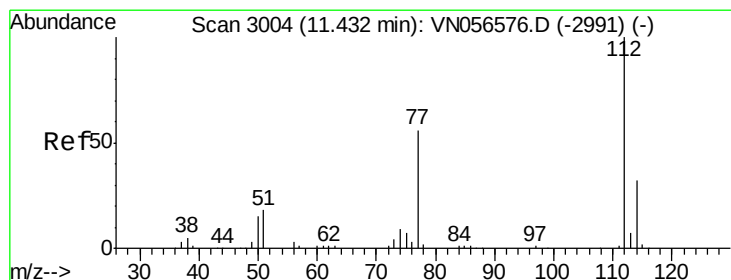
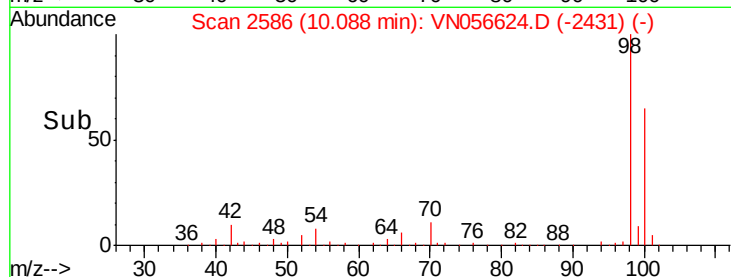
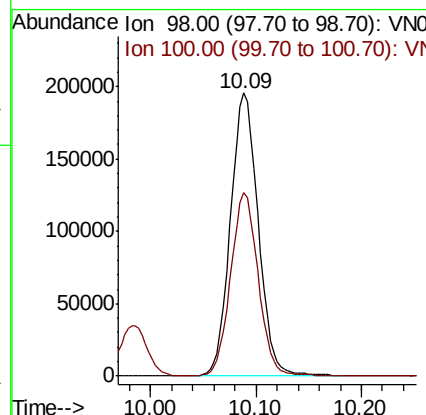
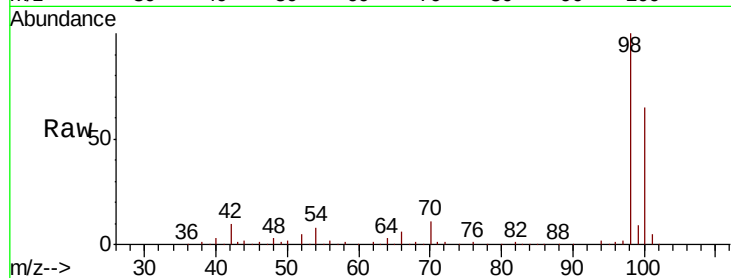




#63
Toluene-d8
Concen: 30.294 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

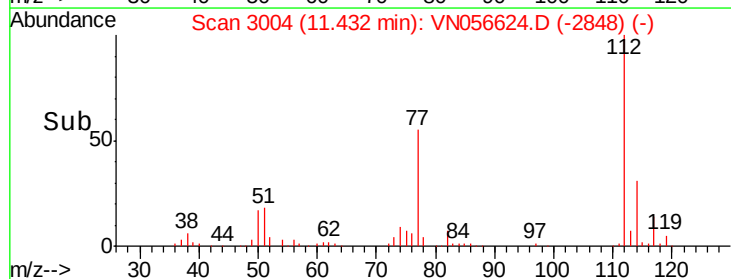
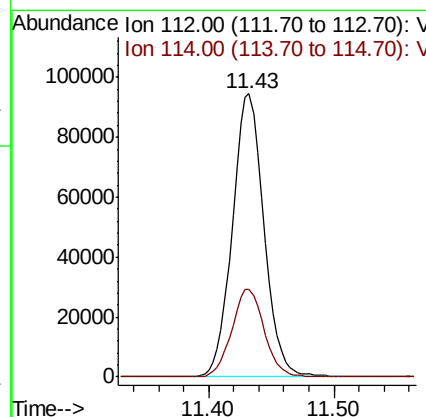
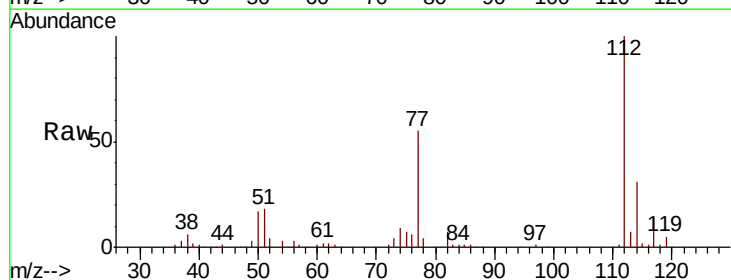
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

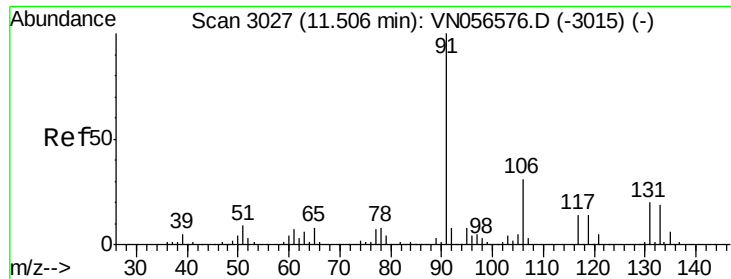
Tgt Ion: 98 Resp: 356887
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4



#64
Chlorobenzene
Concen: 19.335 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Tgt Ion: 112 Resp: 164816
Ion Ratio Lower Upper
112 100
114 30.8 26.1 39.1

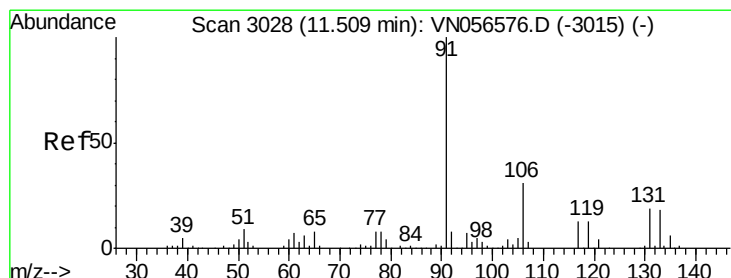
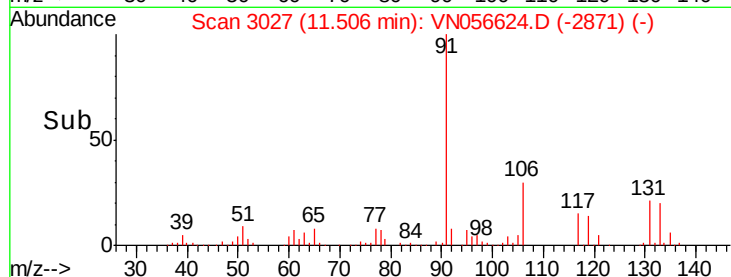
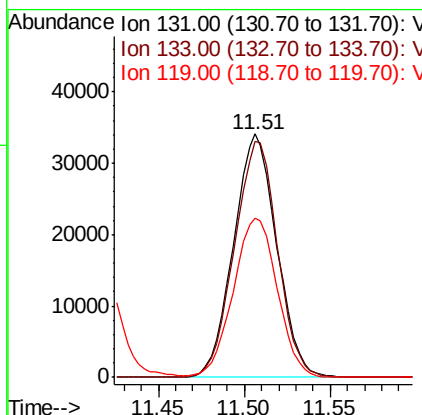
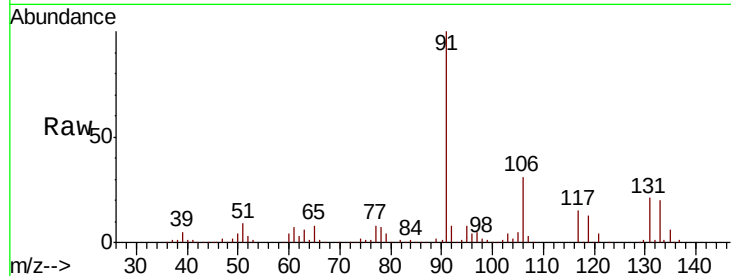




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.304 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

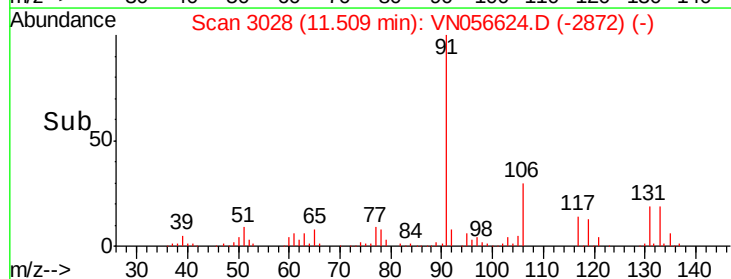
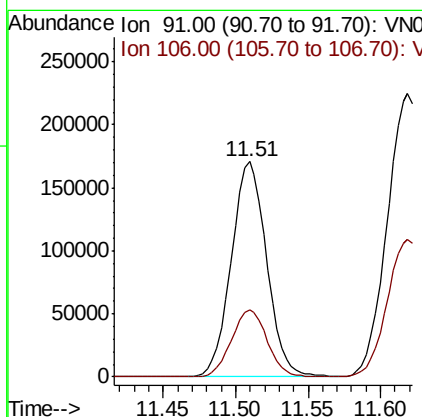
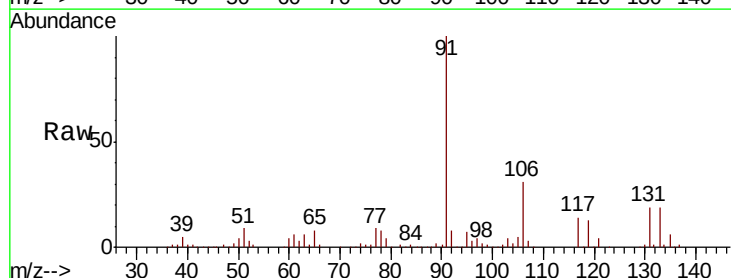
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

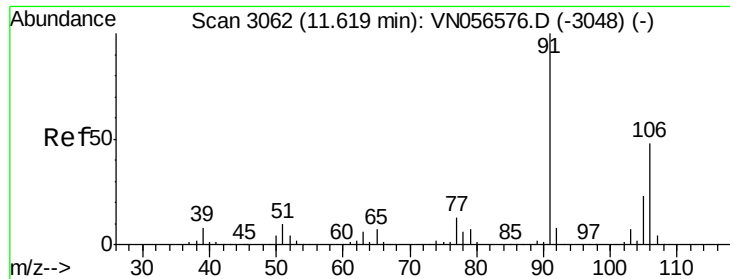
Tgt Ion: 131 Resp: 59261
 Ion Ratio Lower Upper
 131 100
 133 96.9 0.0 193.8
 119 67.1 0.0 134.4



#66
 Ethyl Benzene
 Concen: 18.827 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 91 Resp: 288823
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.7 38.5

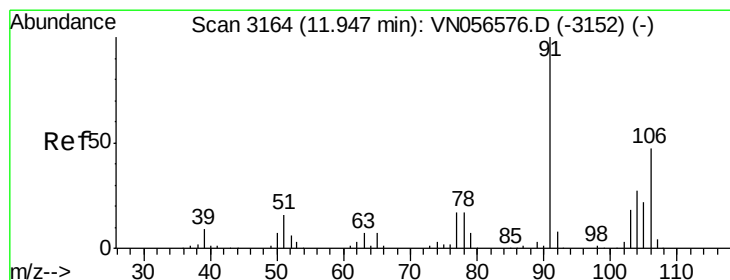
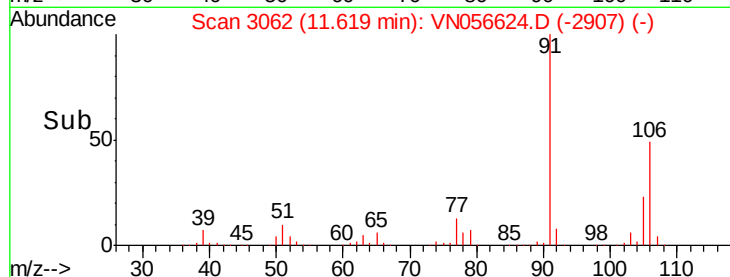
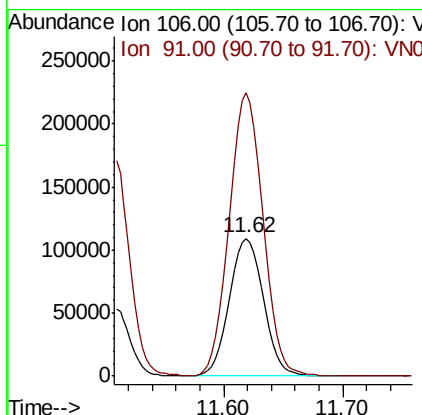
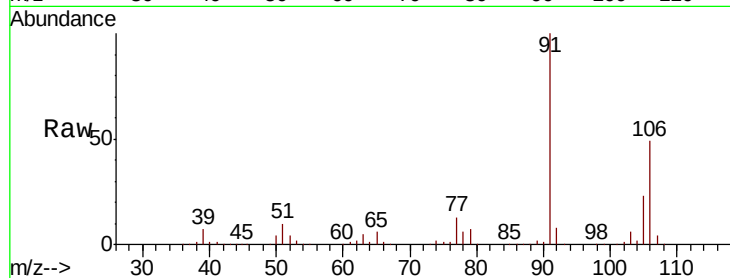




#67
m/p-Xylenes
Concen: 38.501 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

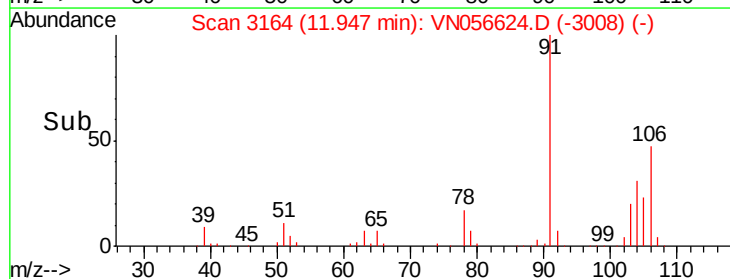
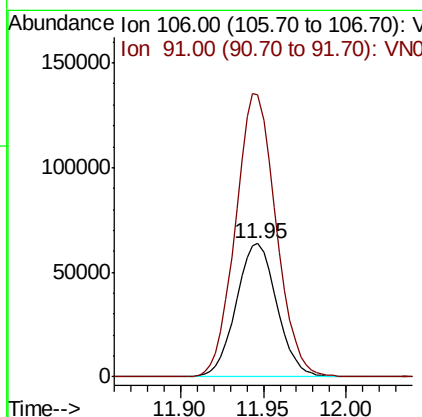
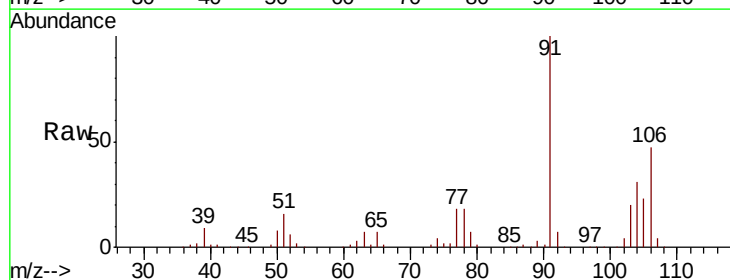
Instrument :
MSVOA_N
ClientSampled :
VN0709WBS01

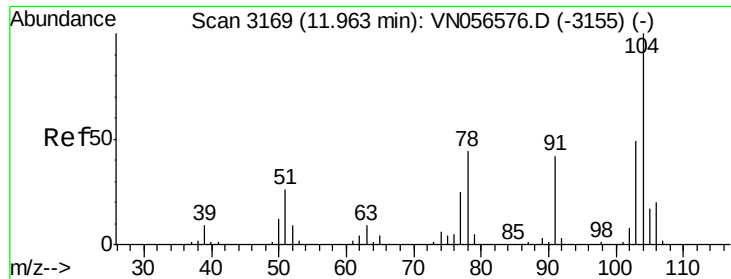
Tgt Ion:106 Resp: 217977
Ion Ratio Lower Upper
106 100
91 203.7 155.7 233.5



#68
o-Xylene
Concen: 19.437 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Tgt Ion:106 Resp: 108827
Ion Ratio Lower Upper
106 100
91 211.1 103.9 311.7

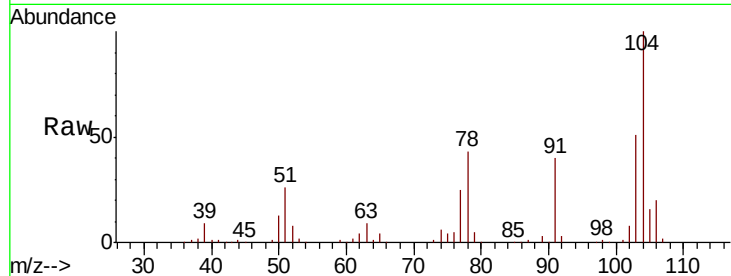




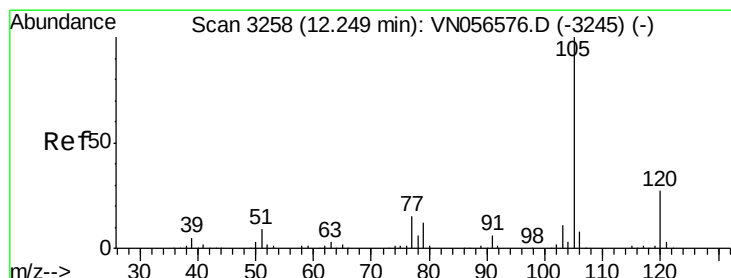
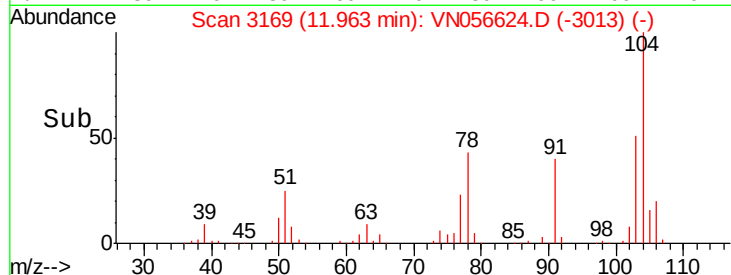
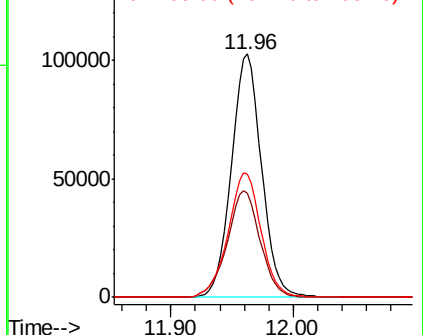
#69
Styrene
Concen: 18.983 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Instrument :
MSVOA_N
ClientSampled :
VN0709WBS01

Tgt Ion:104 Resp: 176844
Ion Ratio Lower Upper
104 100
78 48.0 37.0 55.6
103 55.8 44.4 66.6

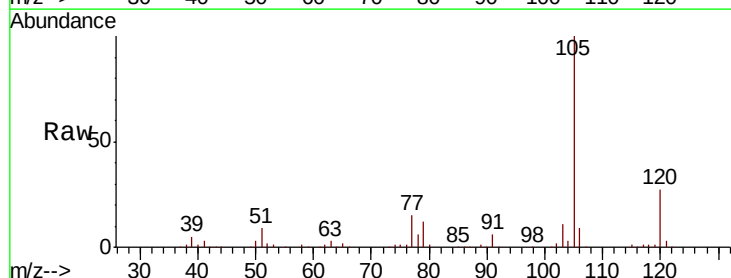


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

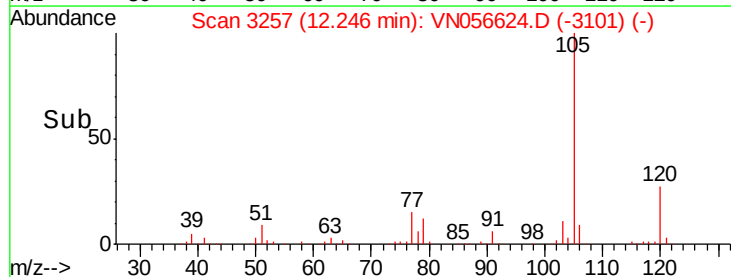
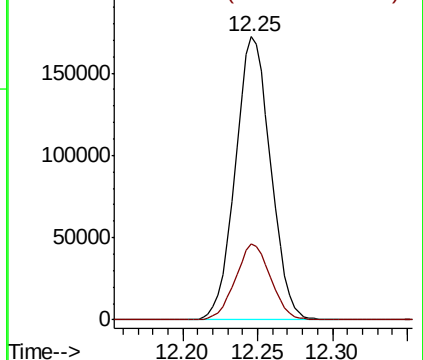


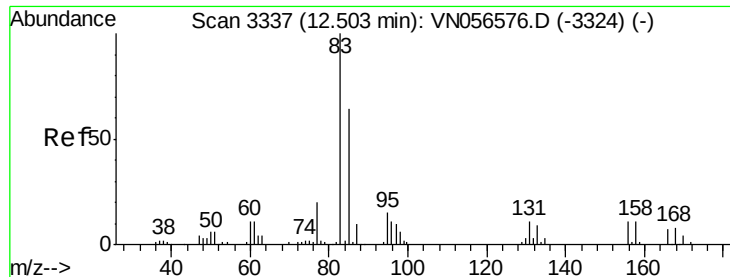
#70
Isopropylbenzene
Concen: 19.317 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Tgt Ion:105 Resp: 282194
Ion Ratio Lower Upper
105 100
120 26.9 19.3 35.8



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

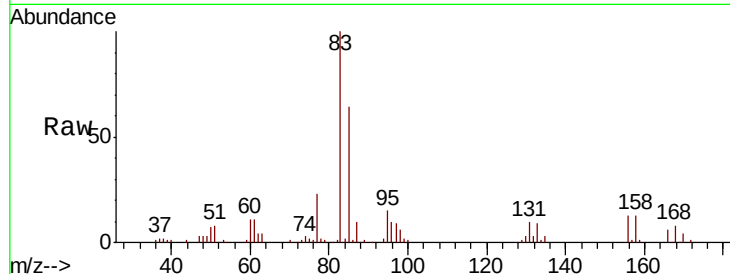




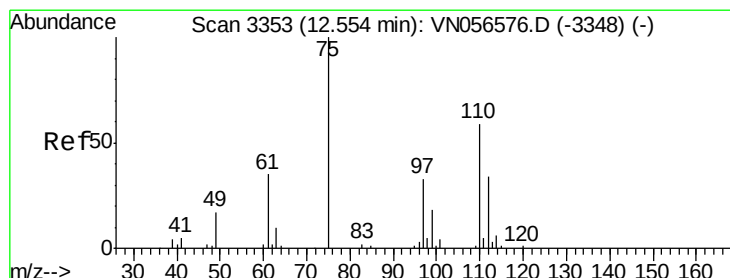
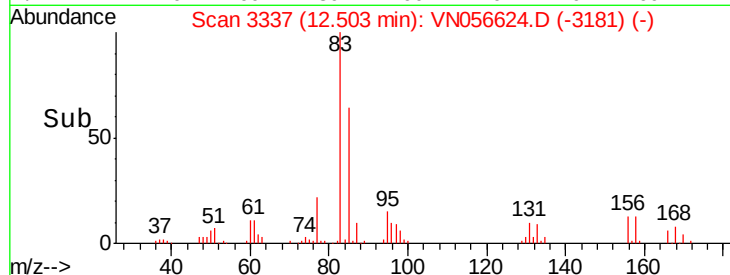
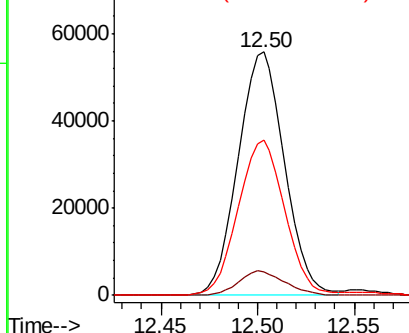
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.308 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

Tgt Ion: 83 Resp: 93254
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.2 15.6
 85 63.9 31.6 94.7

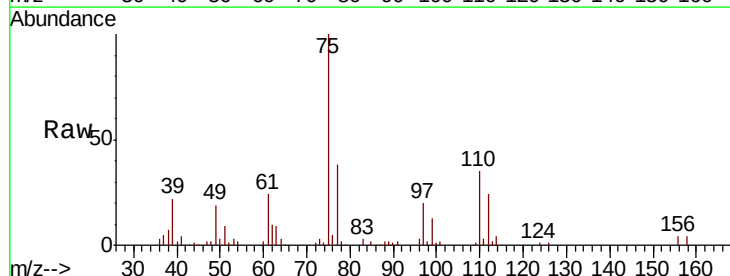


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

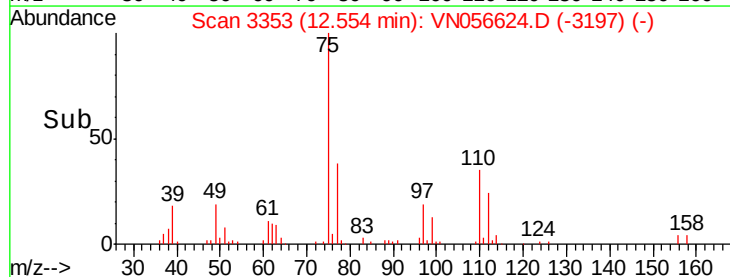
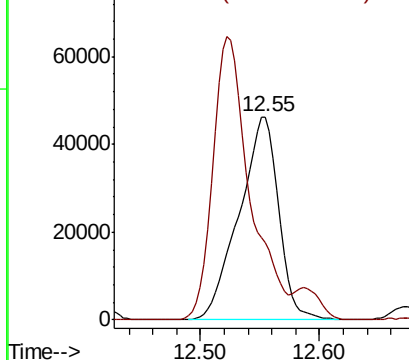


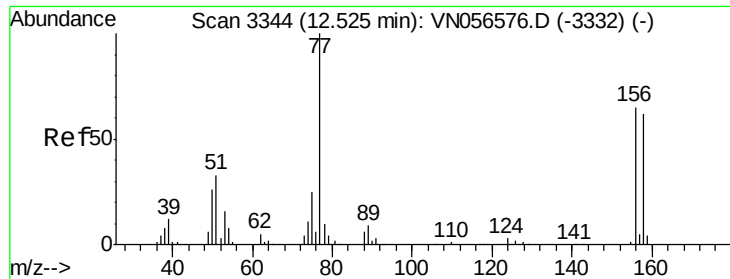
#72
 1,2,3-Trichloropropane
 Concen: 26.237 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 75 Resp: 106564
 Ion Ratio Lower Upper
 75 100
 77 9.9 0.0 350.0



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





#73

Bromobenzene

Concen: 19.276 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampled :

VN0709WBS01

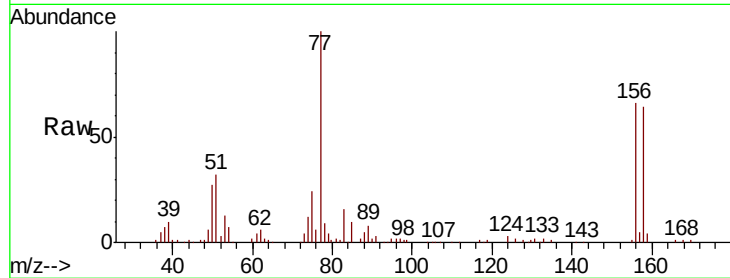
Tgt Ion:156 Resp: 72626

Ion Ratio Lower Upper

156 100

77 190.5 0.0 350.8

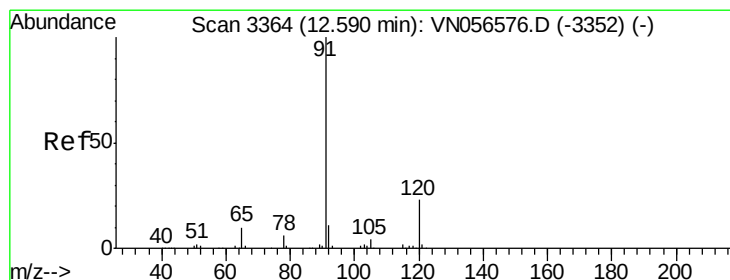
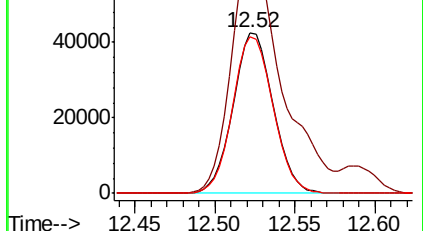
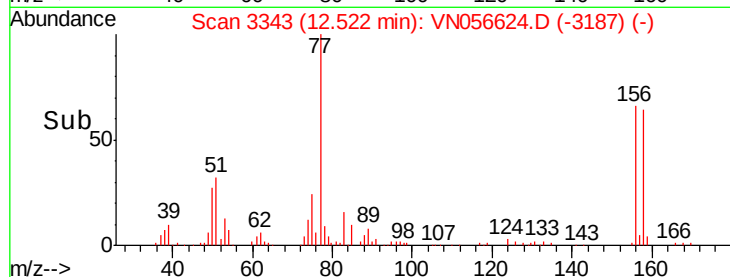
158 98.3 0.0 193.2



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: 18.604 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056624.D

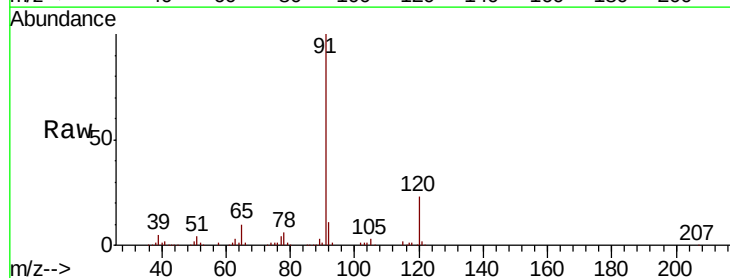
Acq: 9 Jul 2019 12:57

Tgt Ion: 91 Resp: 308341

Ion Ratio Lower Upper

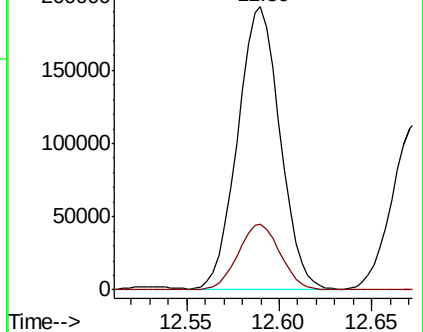
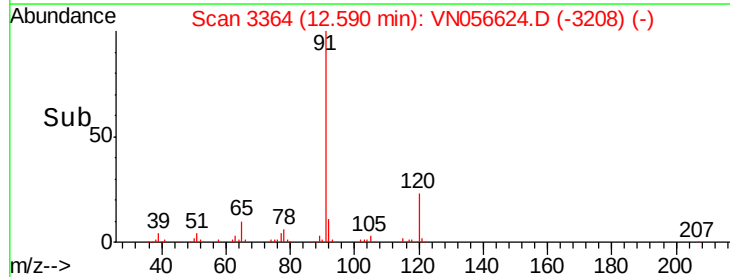
91 100

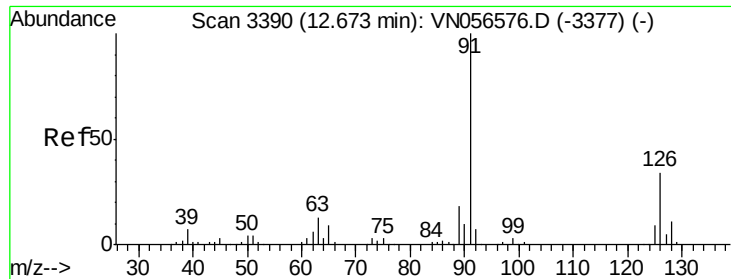
120 23.0 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.209 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

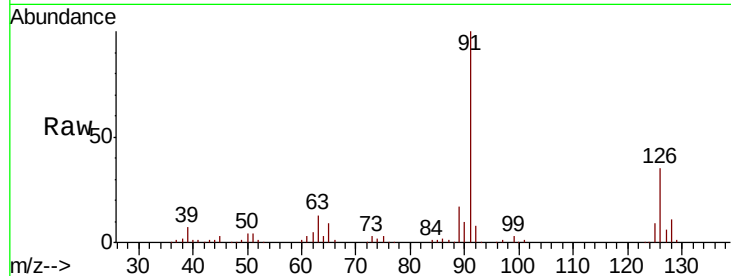
VN0709WBS01

Tgt Ion: 91 Resp: 190370

Ion Ratio Lower Upper

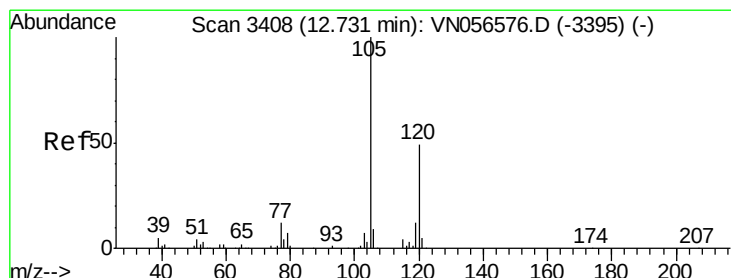
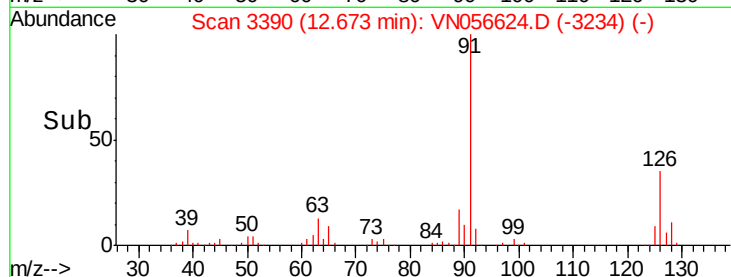
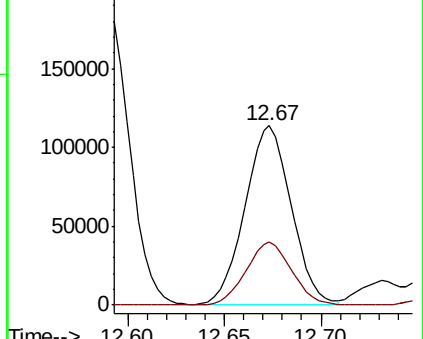
91 100

126 34.7 0.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VN056576.D (-3377) (-)

Ion 126.00 (125.70 to 126.70): VN056576.D (-3377) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.307 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056624.D

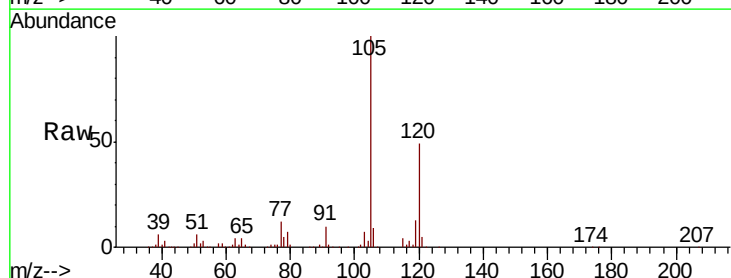
Acq: 9 Jul 2019 12:57

Tgt Ion: 105 Resp: 238833

Ion Ratio Lower Upper

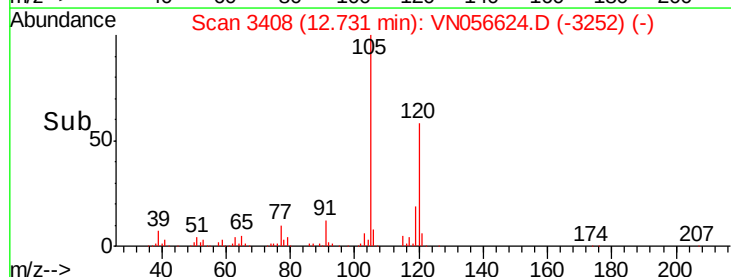
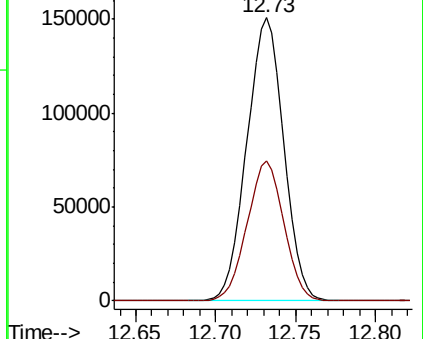
105 100

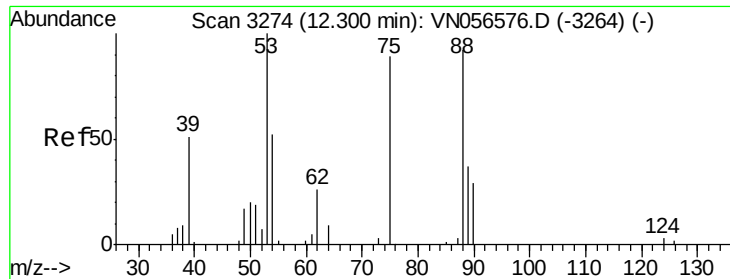
120 49.1 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VN056576.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN056576.D (-3395) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.851 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

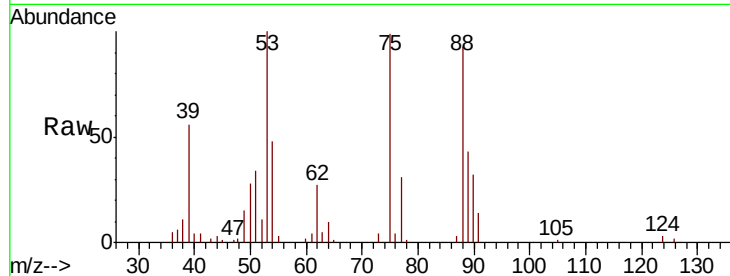
Tgt Ion: 75 Resp: 23223

Ion Ratio Lower Upper

75 100

53 101.0 48.0 144.0

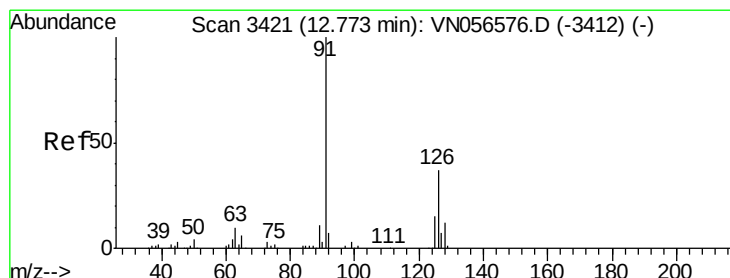
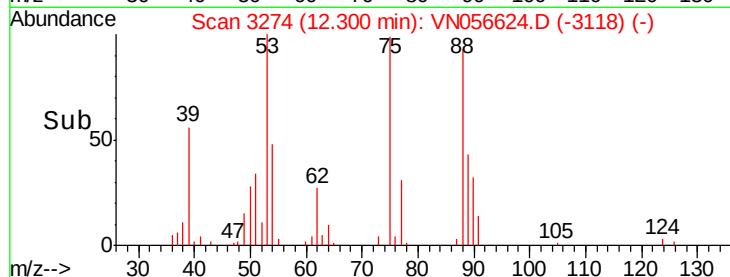
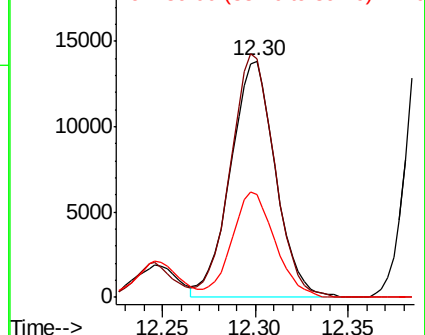
89 43.3 22.5 67.5



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: 18.851 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN056624.D

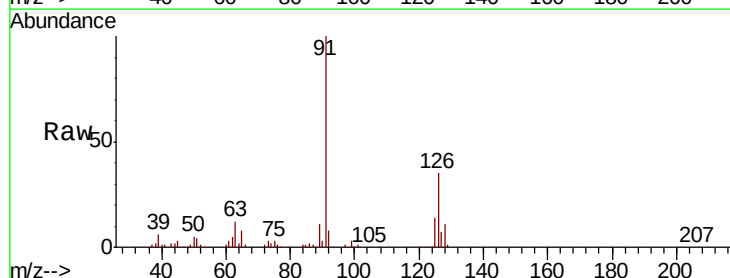
Acq: 9 Jul 2019 12:57

Tgt Ion: 91 Resp: 181700

Ion Ratio Lower Upper

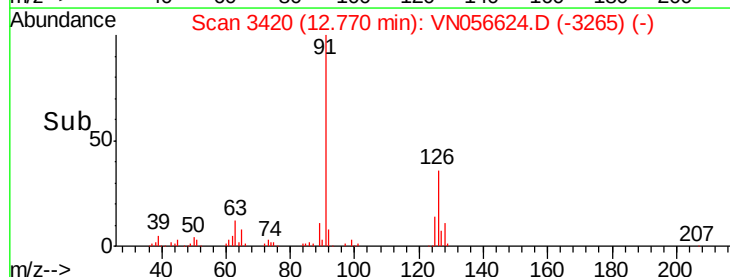
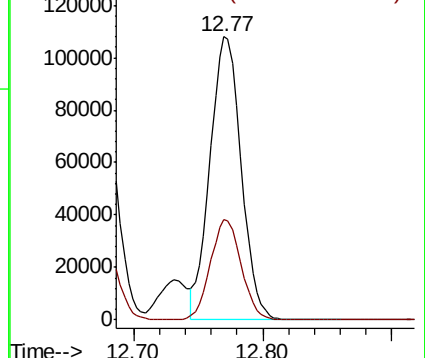
91 100

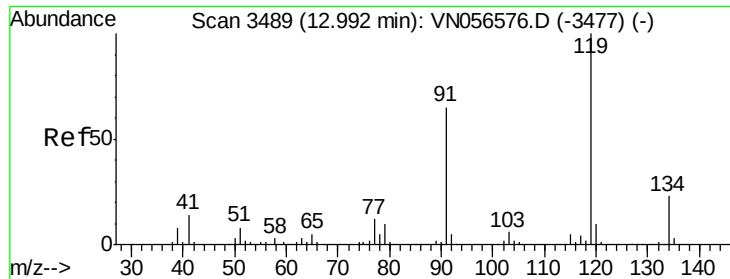
126 35.0 0.0 71.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

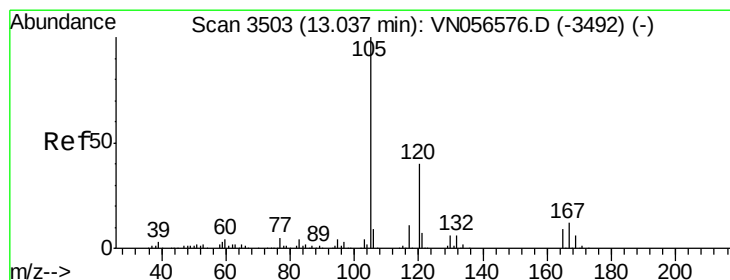
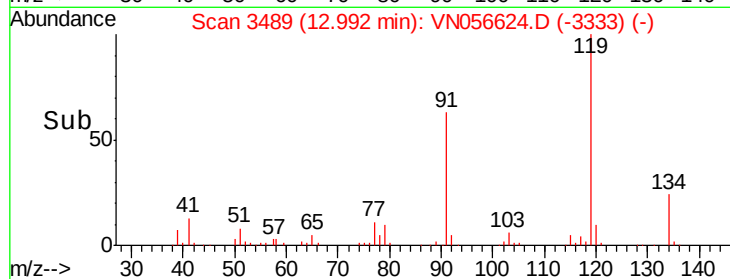
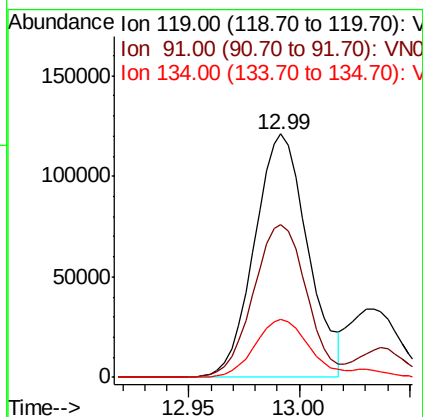
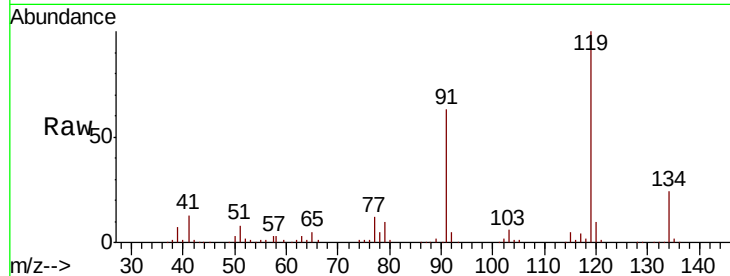




#79
tert-butylbenzene
Concen: 19.157 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

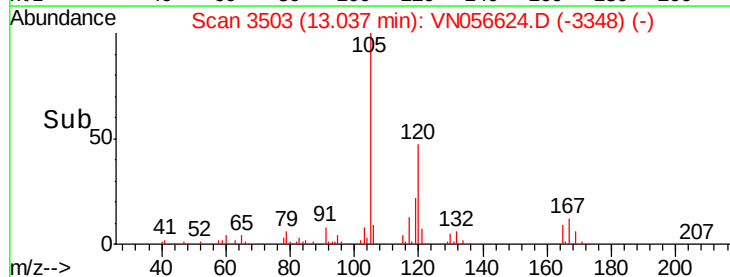
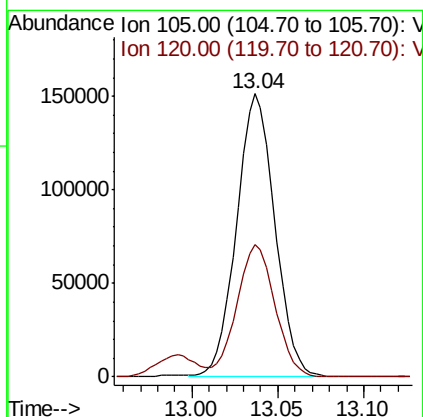
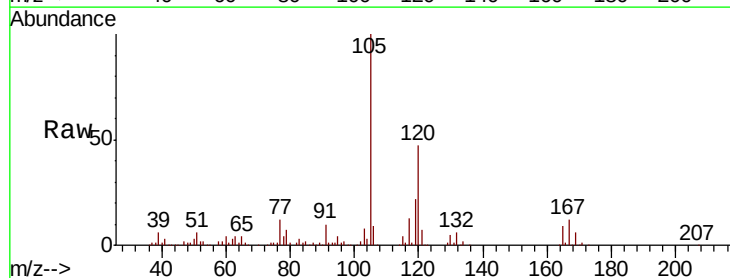
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBS01

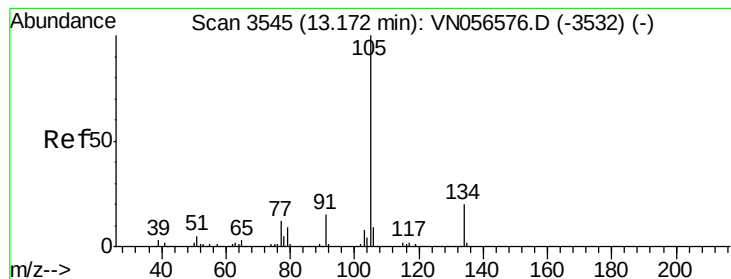
Tgt Ion:119 Resp: 202478
Ion Ratio Lower Upper
119 100
91 63.0 0.0 122.8
134 24.2 0.0 50.2



#80
1,2,4-Trimethylbenzene
Concen: 19.035 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056624.D
Acq: 9 Jul 2019 12:57

Tgt Ion:105 Resp: 232565
Ion Ratio Lower Upper
105 100
120 47.0 0.0 93.4





#81

sec-Butylbenzene

Concen: 18.861 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

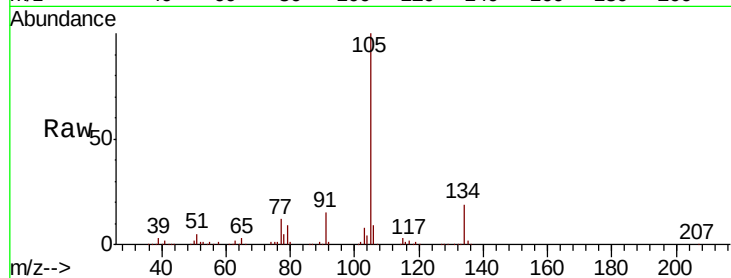
VN0709WBS01

Tgt Ion:105 Resp: 264354

Ion Ratio Lower Upper

105 100

134 20.1 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

150000

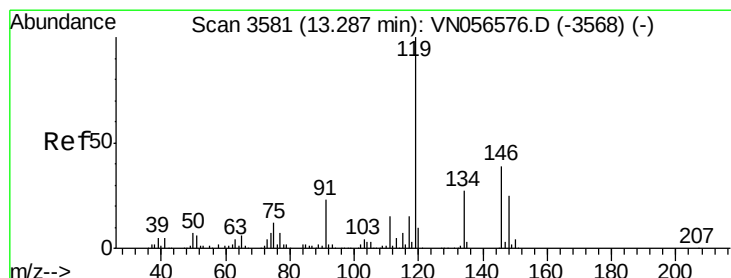
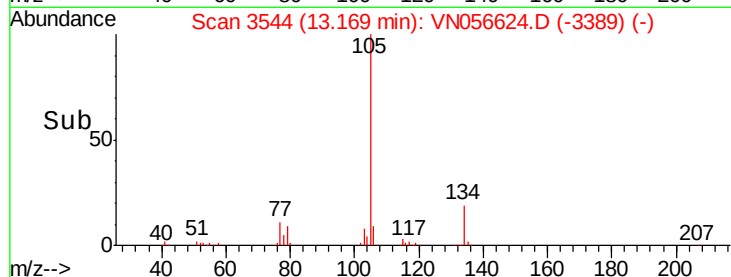
100000

50000

0

Time-->

13.10 13.15 13.20 13.25



#82

p-Isopropyltoluene

Concen: 18.691 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

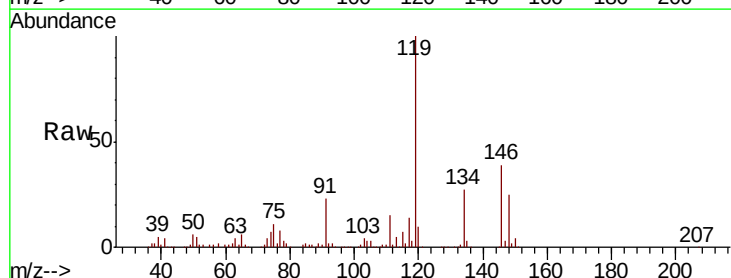
Tgt Ion:119 Resp: 235538

Ion Ratio Lower Upper

119 100

134 27.0 0.0 53.4

91 22.5 0.0 43.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

150000

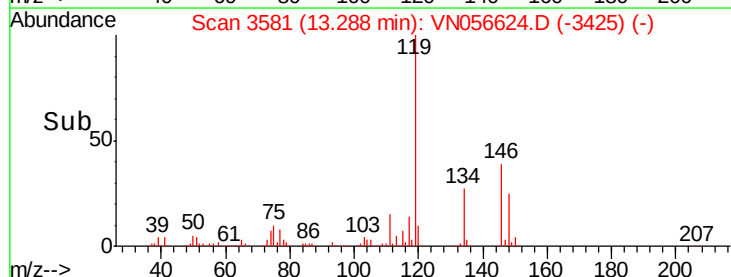
100000

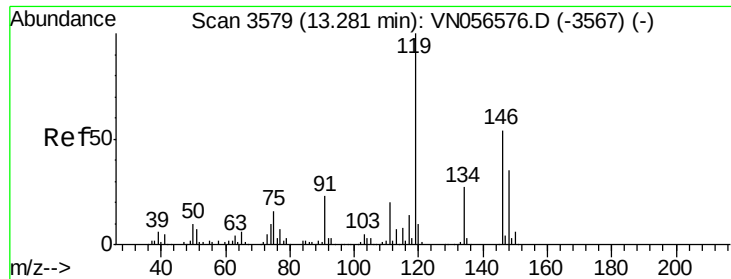
50000

0

Time-->

13.20 13.25 13.30 13.35

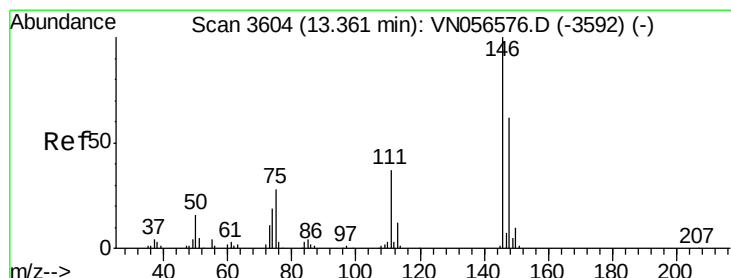
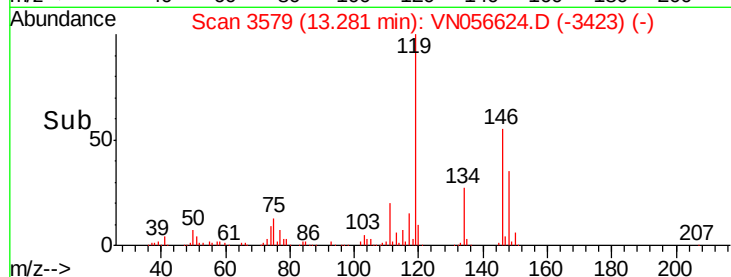
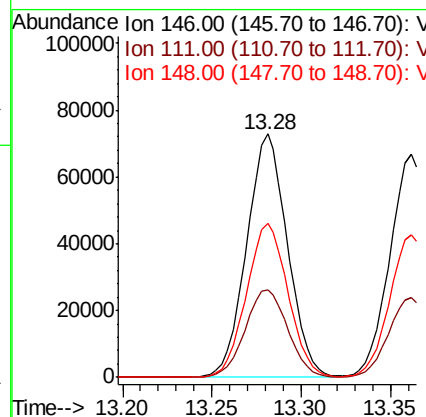
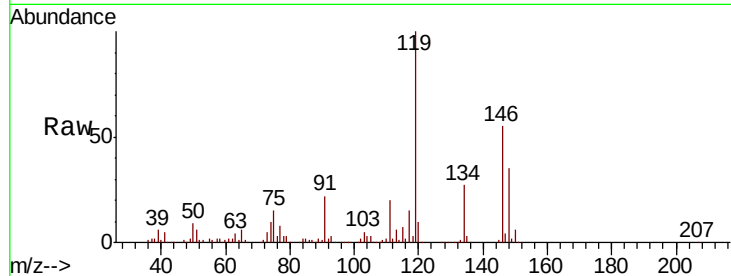




#83
 1,3-Dichlorobenzene
 Concen: 18.674 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

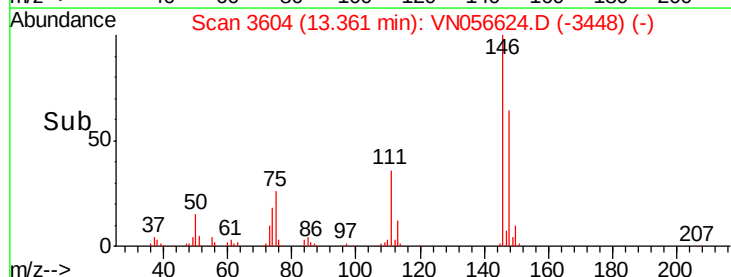
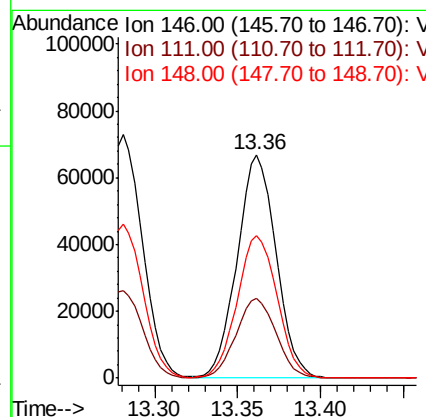
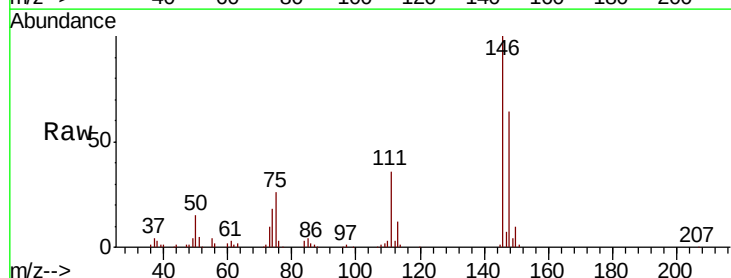
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

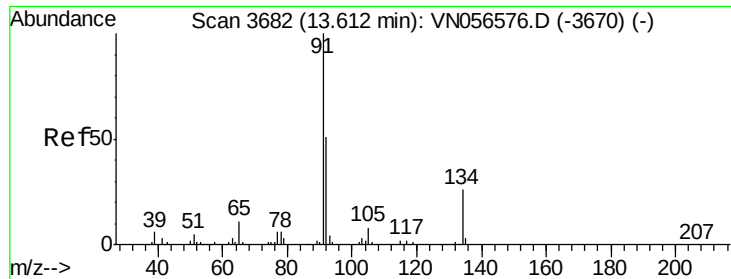
Tgt Ion:146 Resp: 116842
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.2 54.6
 148 64.3 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 18.137 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion:146 Resp: 109468
 Ion Ratio Lower Upper
 146 100
 111 36.7 17.6 52.9
 148 65.4 32.1 96.3





#85

n-Butylbenzene

Concen: 17.748 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBS01

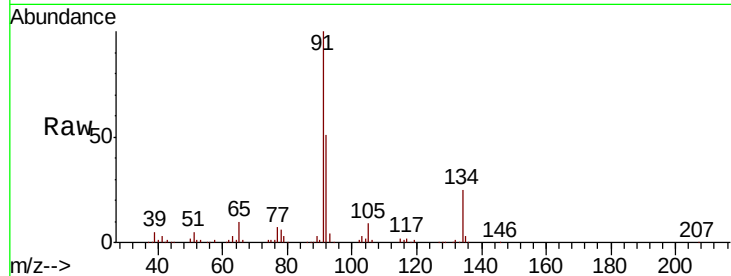
Tgt Ion: 91 Resp: 187954

Ion Ratio Lower Upper

91 100

92 51.3 0.0 107.2

134 25.4 0.0 55.8

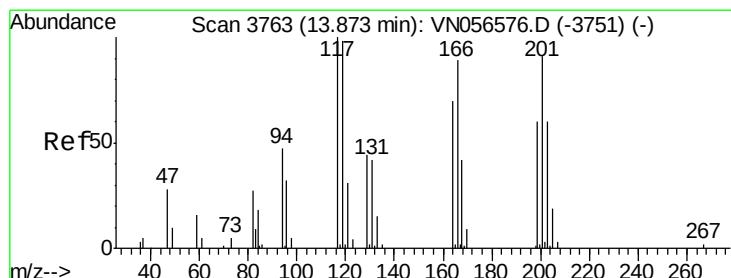
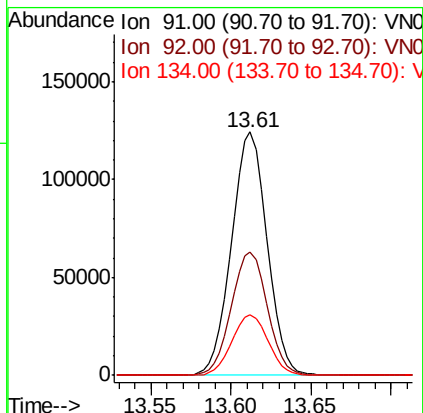
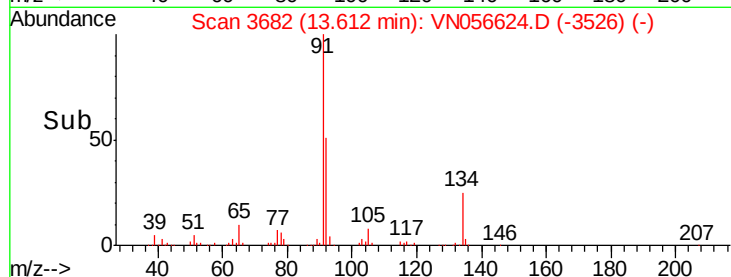


Abundance Ion 91.00 (90.70 to 91.70): VN056576.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN056576.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN056576.D (-3670) (-)

Time-->



#86

Hexachloroethane

Concen: 18.623 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056624.D

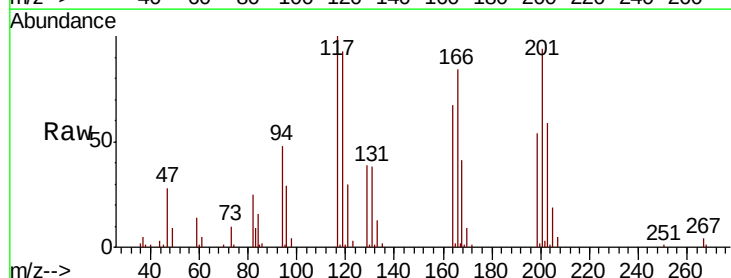
Acq: 9 Jul 2019 12:57

Tgt Ion: 117 Resp: 35386

Ion Ratio Lower Upper

117 100

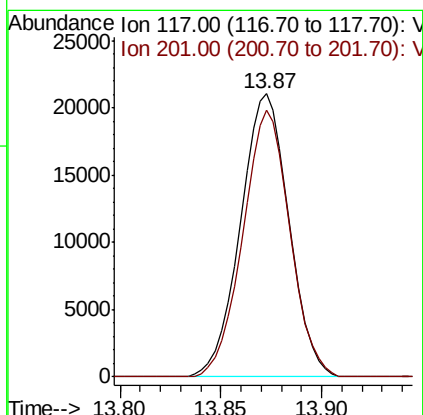
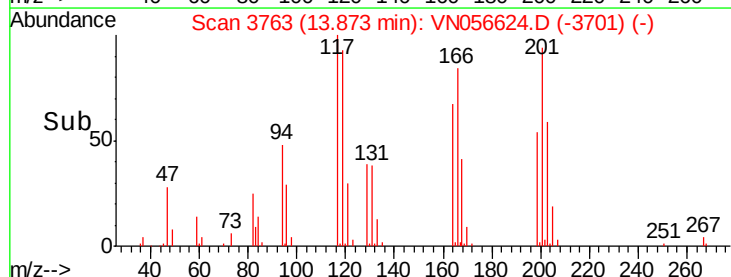
201 91.4 48.1 144.4

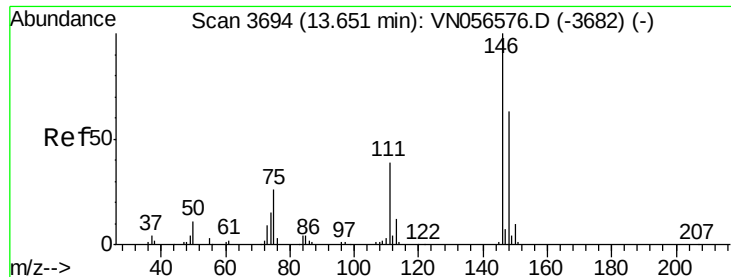


Abundance Ion 117.00 (116.70 to 117.70): VN056576.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN056576.D (-3751) (-)

Time-->

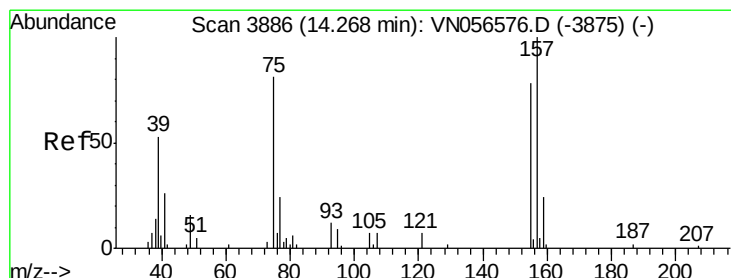
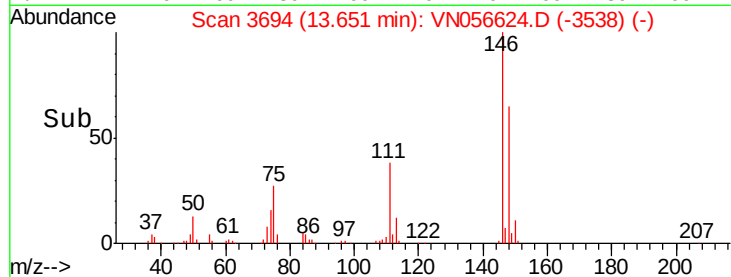
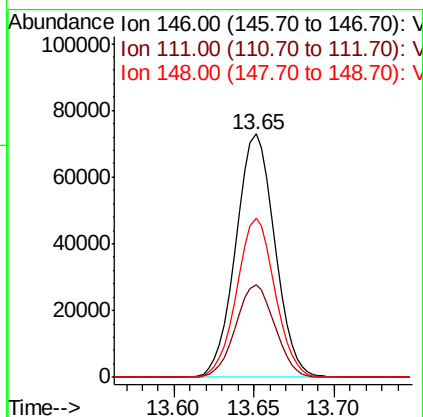
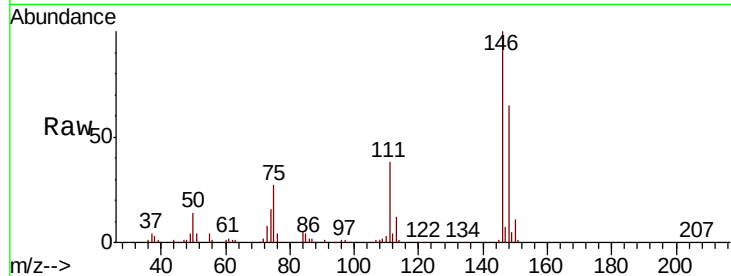




#87
 1,2-Dichlorobenzene
 Concen: 19.078 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

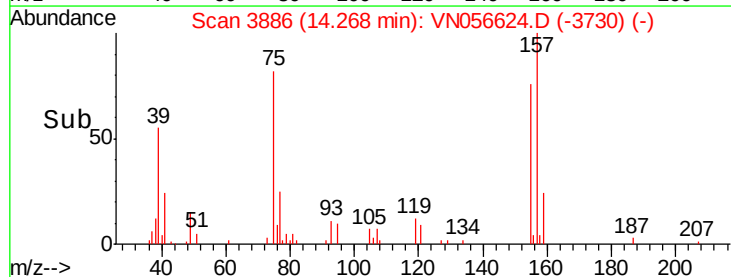
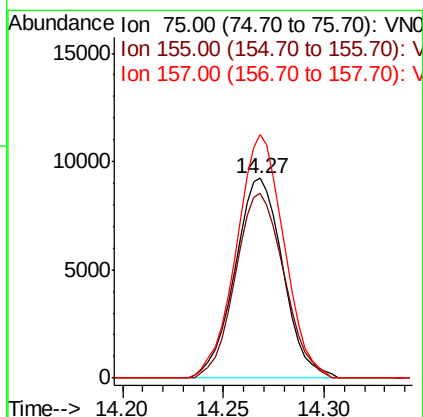
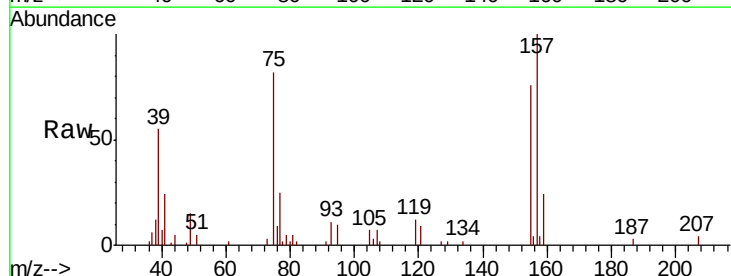
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

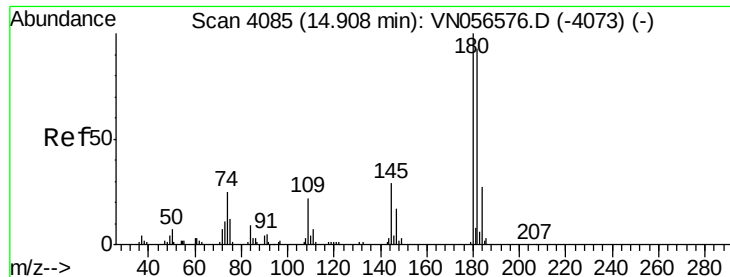
Tgt Ion: 146 Resp: 121220
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.3 57.9
 148 64.0 32.6 97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.786 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion: 75 Resp: 15393
 Ion Ratio Lower Upper
 75 100
 155 93.5 82.5 123.7
 157 120.4 105.1 157.7

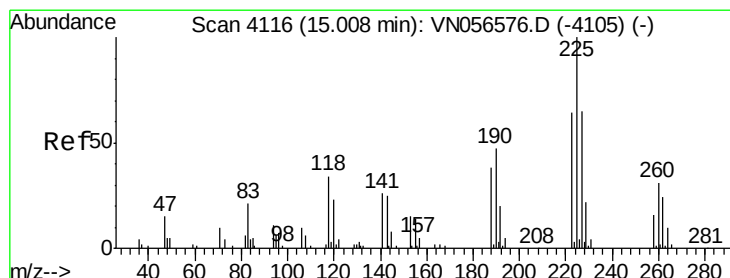
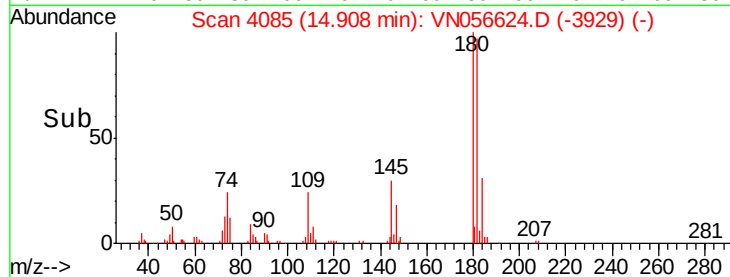
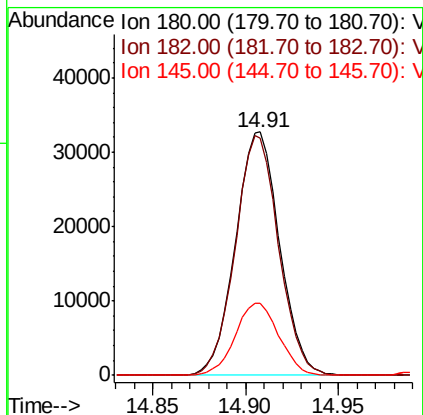
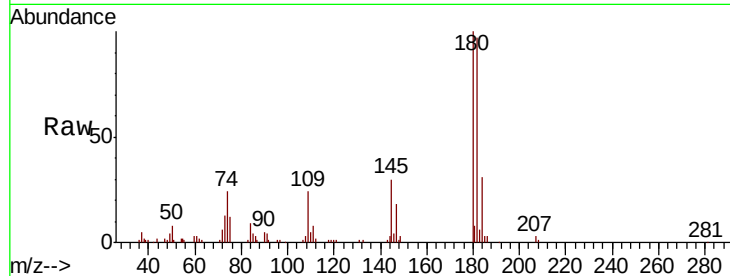




#89
 1,2,4-Trichlorobenzene
 Concen: 15.358 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

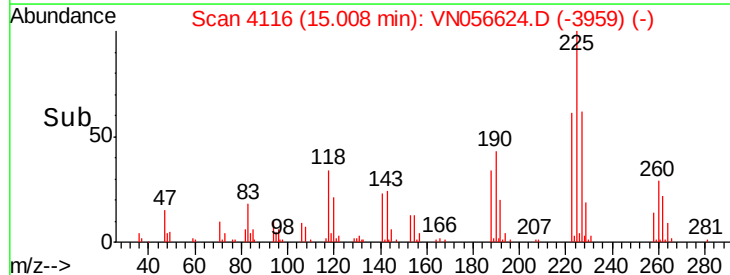
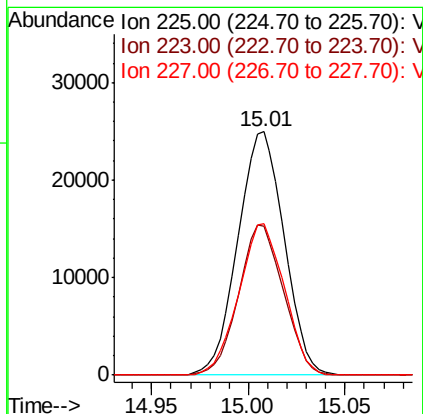
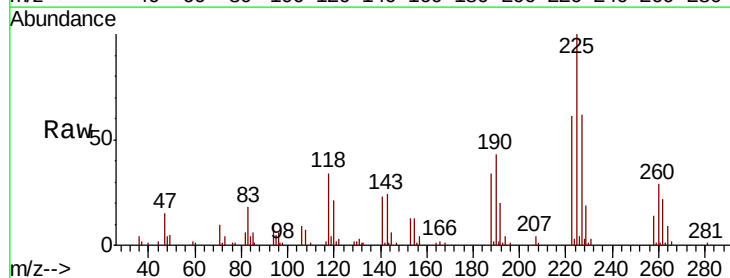
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBS01

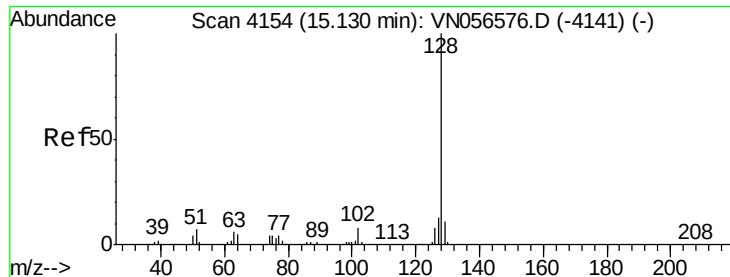
Tgt Ion:180 Resp: 53937
 Ion Ratio Lower Upper
 180 100
 182 96.7 75.0 112.6
 145 29.4 22.1 33.1



#90
 Hexachlorobutadiene
 Concen: 19.066 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056624.D
 Acq: 9 Jul 2019 12:57

Tgt Ion:225 Resp: 41601
 Ion Ratio Lower Upper
 225 100
 223 59.7 0.0 125.6
 227 61.2 0.0 128.6





#91

Naphthalene

Concen: 14.835 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

Instrument :

MSVOA_N

ClientSampled :

VN0709WBS01

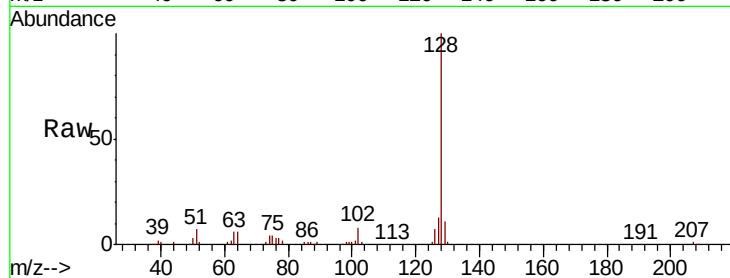
Tgt Ion:128 Resp: 146211

Ion Ratio Lower Upper

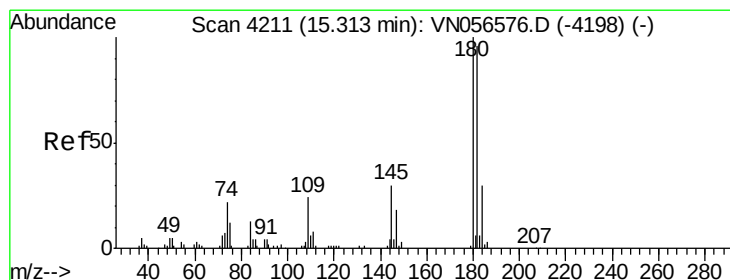
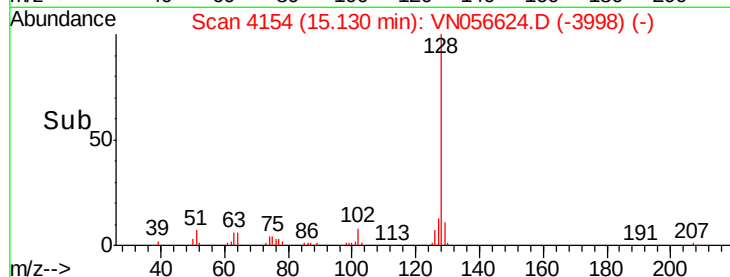
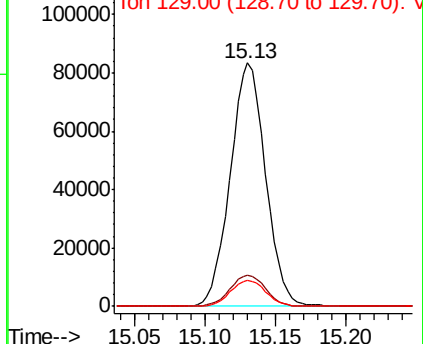
128 100

127 12.8 10.4 15.6

129 10.7 8.7 13.1



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: 16.041 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056624.D

Acq: 9 Jul 2019 12:57

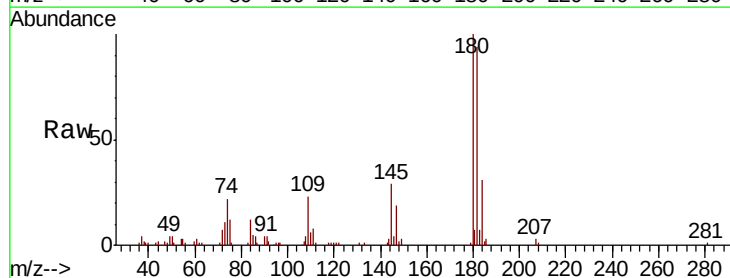
Tgt Ion:180 Resp: 59139

Ion Ratio Lower Upper

180 100

182 94.3 0.0 193.4

145 29.4 0.0 59.8



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

