

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056445.D
 Acq On : 24 Jun 2019 11:04
 Operator : JC/SP
 Sample : VN0624WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Quant Time: Jun 25 01:17:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	373807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	580322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	502562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	189588	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	210715	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
35) Dibromofluoromethane	7.59	113	183627	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
50) Toluene-d8	10.09	98	685243	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.40	95	225732	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	65424	20.670	ug/l	98
3) Chloromethane	2.06	50	85837	19.917	ug/l	100
4) Vinyl Chloride	2.18	62	83726	20.114	ug/l	100
5) Bromomethane	2.53	94	48334	19.807	ug/l	98
6) Chloroethane	2.69	64	48469	20.107	ug/l	98
7) Trichlorofluoromethane	3.00	101	112399	20.874	ug/l	98
8) Diethyl Ether	3.41	74	47423	20.810	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	70520	20.537	ug/l	98
10) Methyl Iodide	3.94	142	89098	19.198	ug/l	99
11) Tert butyl alcohol	4.79	59	78611	112.659	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	68271	20.675	ug/l	99
13) Acrolein	3.61	56	52772	89.733	ug/l	99
14) Allyl chloride	4.32	41	115381	20.990	ug/l	99
15) Acrylonitrile	4.99	53	203980	105.667	ug/l	100
16) Acetone	3.82	43	210134	101.237	ug/l	100
17) Carbon Disulfide	4.05	76	141387	18.825	ug/l	100
18) Methyl Acetate	4.33	43	91011	21.899	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	230288	21.076	ug/l	97
20) Methylene Chloride	4.55	84	81529	20.307	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	72974	20.497	ug/l	97
22) Diisopropyl ether	5.95	45	243735	21.113	ug/l	97
23) Vinyl Acetate	5.90	43	1006222	110.510	ug/l	100
24) 1,1-Dichloroethane	5.85	63	141167	21.303	ug/l	100
25) 2-Butanone	6.84	43	282815	102.948	ug/l	98
26) 2,2-Dichloropropane	6.82	77	97652	21.188	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	89315	21.443	ug/l	98
28) Bromochloromethane	7.19	49	72492	22.116	ug/l	100
29) Tetrahydrofuran	7.21	42	181691	108.227	ug/l	99
30) Chloroform	7.37	83	140517	21.489	ug/l	98
31) Cyclohexane	7.65	56	127551	19.937	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	109444	21.115	ug/l	99
36) 1,1-Dichloropropene	7.79	75	98983	19.378	ug/l	98
37) Ethyl Acetate	6.93	43	108696	21.654	ug/l	99
38) Carbon Tetrachloride	7.77	117	92257	20.654	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	121405	19.262	ug/l	99
40) Benzene	8.04	78	322132	20.503	ug/l	99
41) Methacrylonitrile	7.17	41	47246	21.315	ug/l	96
42) 1,2-Dichloroethane	8.12	62	106973	20.630	ug/l	99
43) Isopropyl Acetate	8.17	43	162569	21.003	ug/l #	92
44) Trichloroethene	8.83	130	84674	20.006	ug/l	96
45) 1,2-Dichloropropane	9.12	63	86572	20.603	ug/l	98
46) Dibromomethane	9.21	93	54690	20.804	ug/l	99
47) Bromodichloromethane	9.40	83	100413	21.536	ug/l	97
48) Methyl methacrylate	9.20	41	79049	20.380	ug/l	100
49) 1,4-Dioxane	9.20	88	33454	415.610	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	524930	105.073	ug/l	99
52) Toluene	10.16	92	193421	20.136	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	99996	20.241	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	119739	21.326	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	79680	20.636	ug/l	97
56) Ethyl methacrylate	10.43	69	117368	20.800	ug/l	100
57) 1,3-Dichloropropane	10.71	76	135315	20.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	171749	84.723	ug/l	100
59) 2-Hexanone	10.75	43	374354	101.954	ug/l	100
60) Dibromochloromethane	10.90	129	74397	20.235	ug/l	100
61) 1,2-Dibromoethane	11.00	107	81531	20.674	ug/l	98
64) Tetrachloroethene	10.63	164	81829	20.561	ug/l	98
65) Chlorobenzene	11.43	112	209187	20.715	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	73846	21.637	ug/l	98
67) Ethyl Benzene	11.51	91	363244	20.486	ug/l	99
68) m/p-Xylenes	11.62	106	270138	41.572	ug/l	100
69) o-Xylene	11.95	106	133924	20.832	ug/l	98
70) Styrene	11.96	104	213408	20.768	ug/l	98
71) Bromoform	12.13	173	50088	20.191	ug/l #	99
73) Isopropylbenzene	12.25	105	352995	23.357	ug/l	100
74) N-amyl acetate	12.07	43	128653	21.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	112016	23.798	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	128175	32.605	ug/l #	100
77) Bromobenzene	12.53	156	90938	21.452	ug/l	99
78) n-propylbenzene	12.59	91	367913	21.191	ug/l	99
79) 2-Chlorotoluene	12.67	91	233552	23.175	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	285224	22.670	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	24532	22.179	ug/l	99
82) 4-Chlorotoluene	12.77	91	212106	20.691	ug/l	100
83) tert-Butylbenzene	12.99	119	259104	23.456	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	268998	21.076	ug/l	100
85) sec-Butylbenzene	13.17	105	322553	21.137	ug/l	100
86) p-Isopropyltoluene	13.29	119	277984	21.226	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	134300	20.905	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	127370	20.472	ug/l	99
89) n-Butylbenzene	13.61	91	188171	18.980	ug/l	99
90) Hexachloroethane	13.87	117	43576	21.343	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	137922	21.639	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14851	21.170	ug/l	97

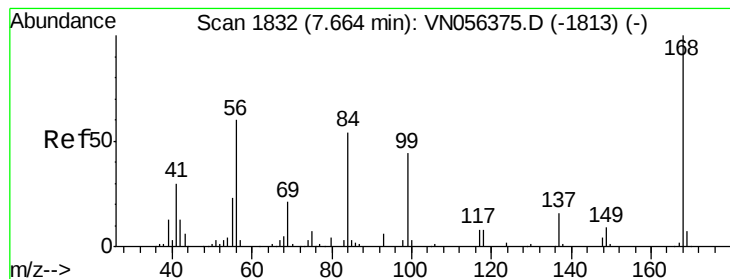
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	42775	17.054	ug/l	99
94) Hexachlorobutadiene	15.01	225	49882	22.043	ug/l	98
95) Naphthalene	15.13	128	120844	17.714	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	51648	18.152	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

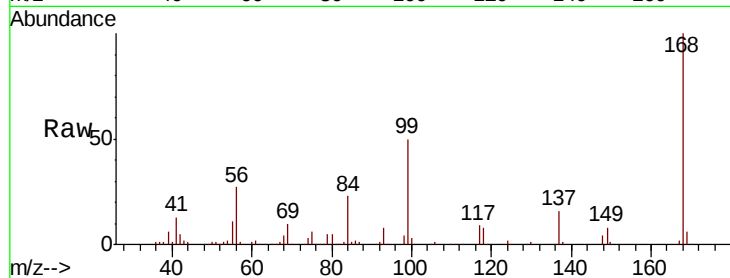
VN0624WBS01

Tot Ion:168 Resp: 373807

Ion Ratio Lower Upper

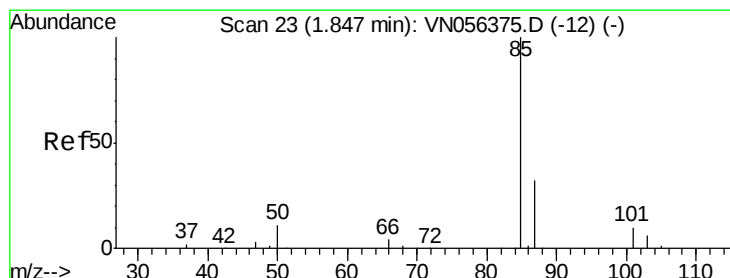
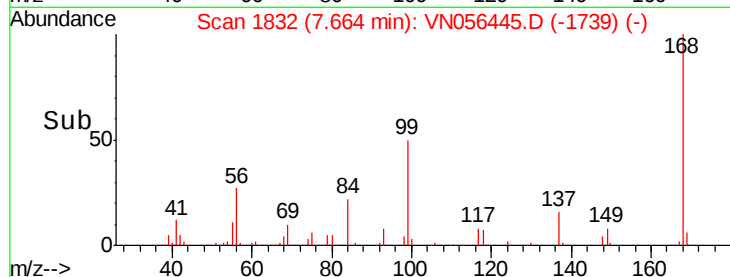
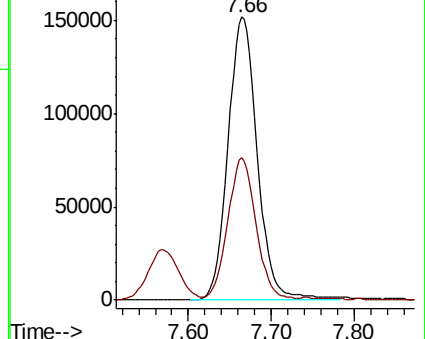
168 100

99 49.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 20.670 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056445.D

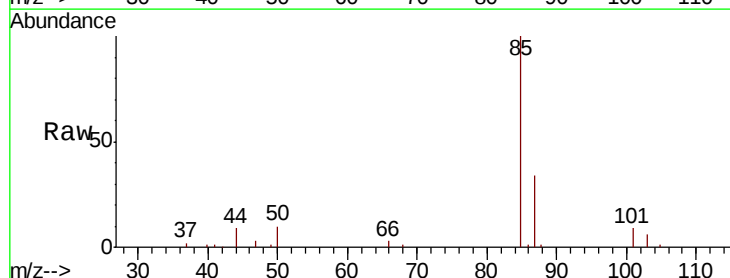
Acq: 24 Jun 2019 11:04

Tgt Ion: 85 Resp: 65424

Ion Ratio Lower Upper

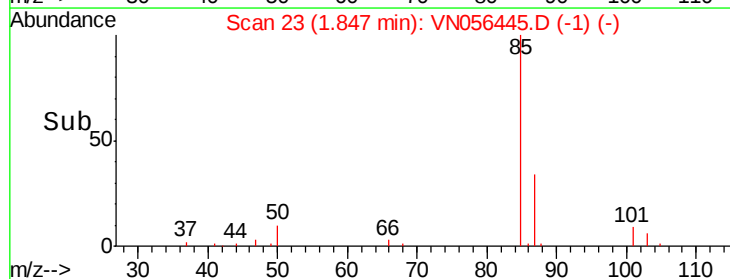
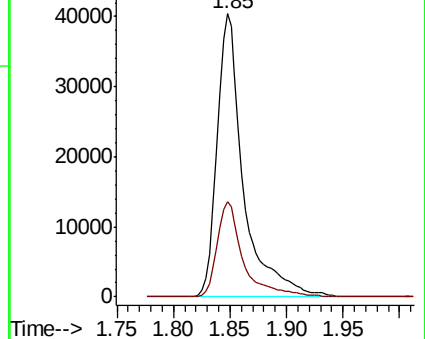
85 100

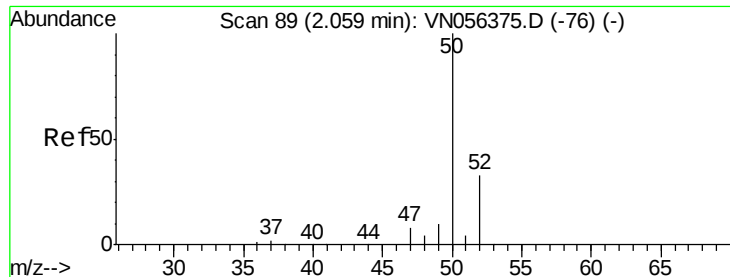
87 33.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 19.917 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

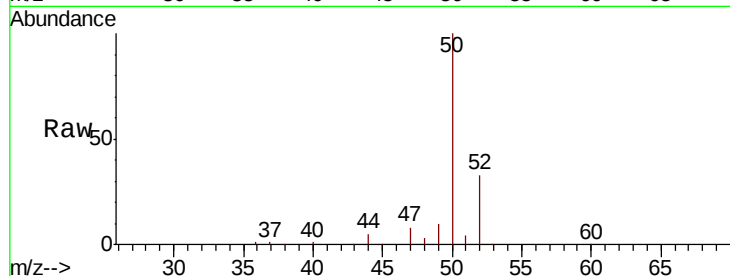
VN0624WBS01

Tot Ion: 50 Resp: 85837

Ion Ratio Lower Upper

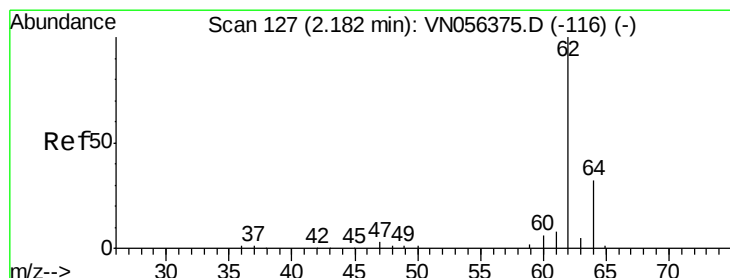
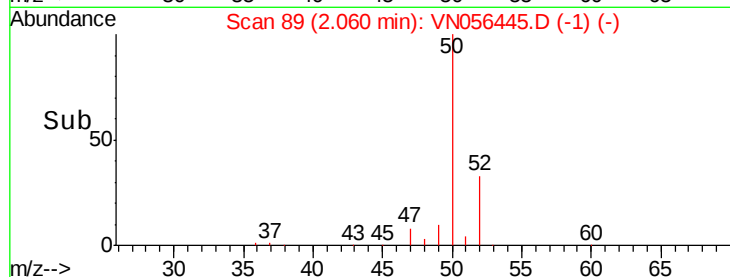
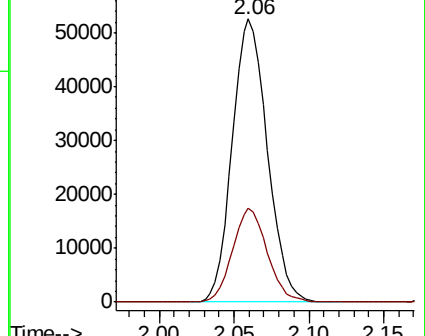
50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.114 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056445.D

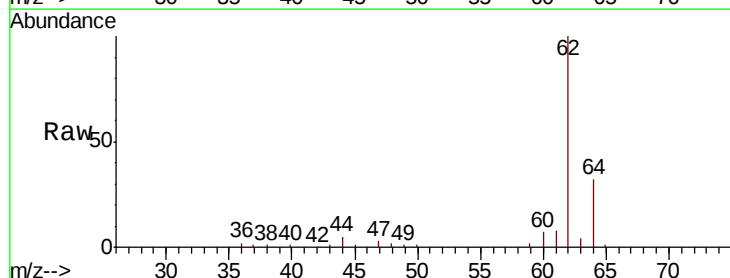
Acq: 24 Jun 2019 11:04

Tgt Ion: 62 Resp: 83726

Ion Ratio Lower Upper

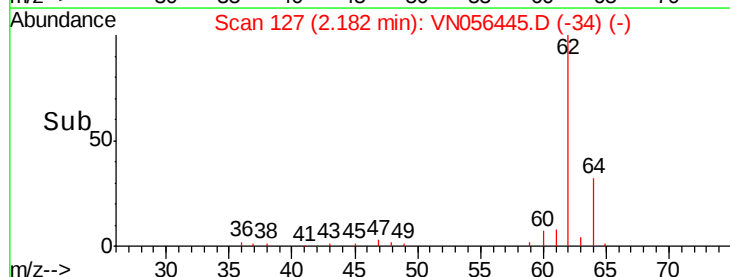
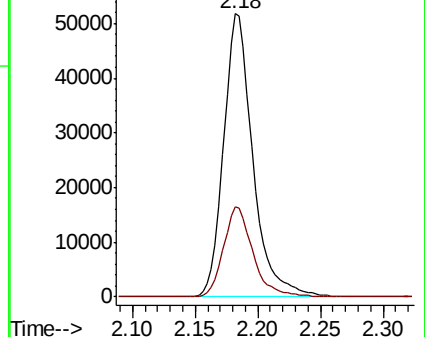
62 100

64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

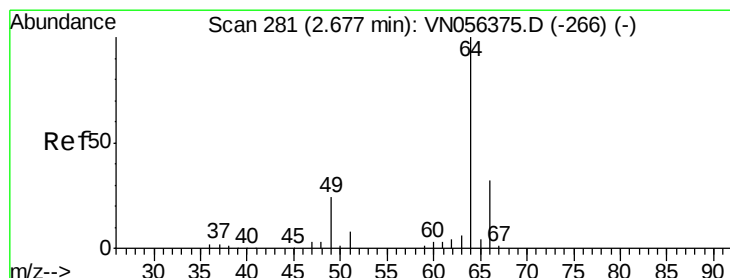
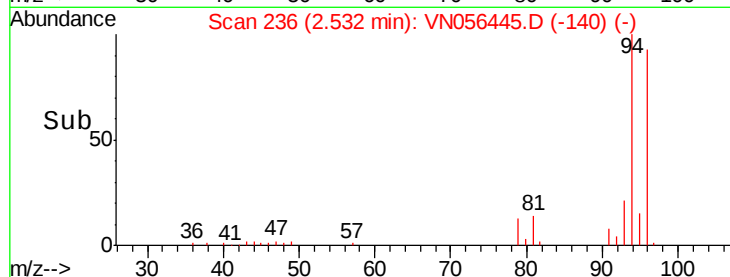
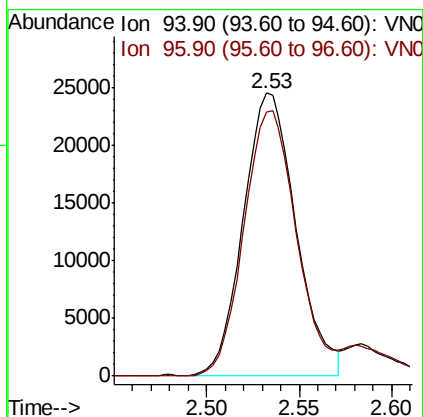
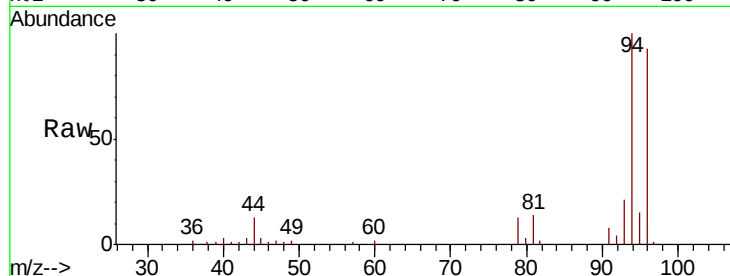




#5
Bromomethane
Concen: 19.807 ug/l
RT: 2.53 min Scan# 236
Delta R.T. 0.01 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

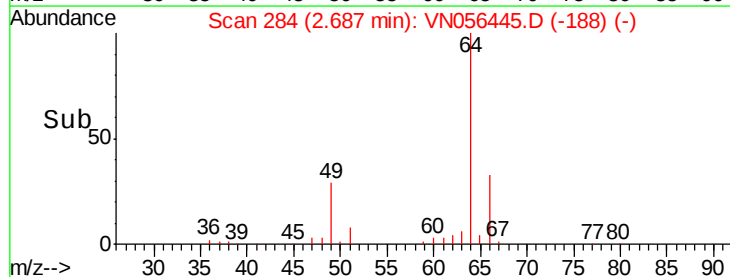
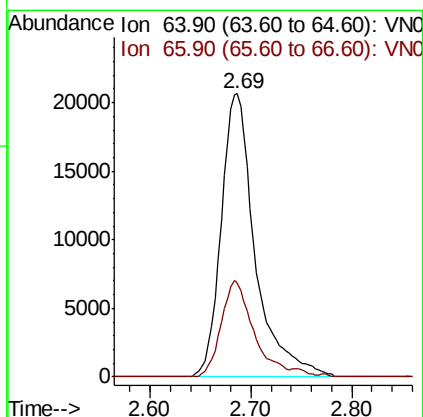
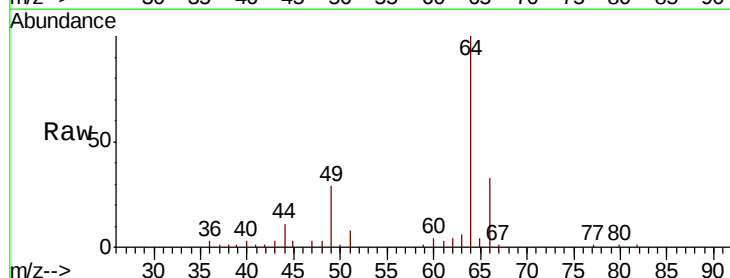
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

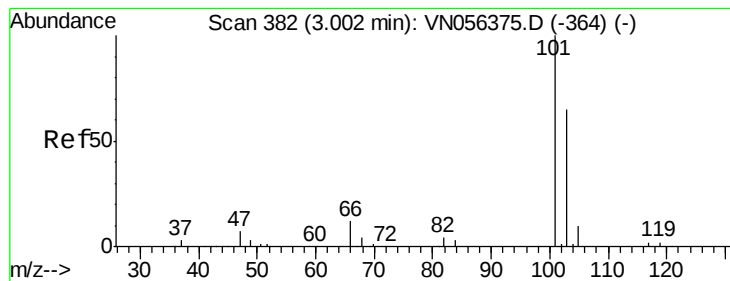
Tot Ion: 94 Resp: 48334
Ion Ratio Lower Upper
94 100
96 93.5 76.0 114.0



#6
Chloroethane
Concen: 20.107 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.01 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 64 Resp: 48469
Ion Ratio Lower Upper
64 100
66 33.2 25.8 38.8



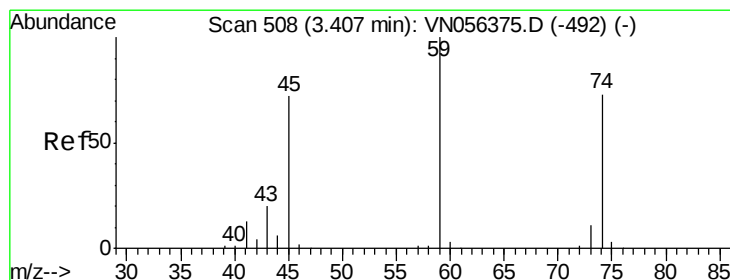
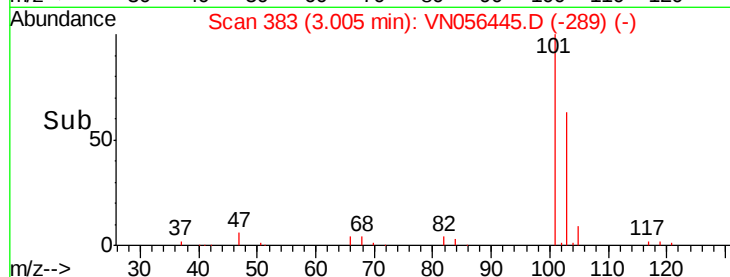
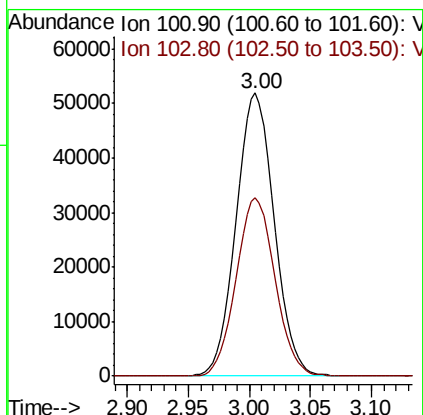
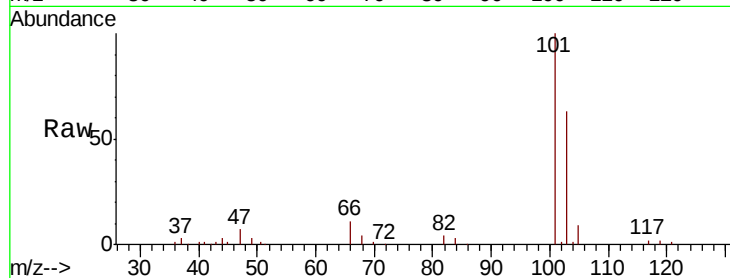


#7

Trichlorofluoromethane
 Concen: 20.874 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Instrument :
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 VN0624WBS01

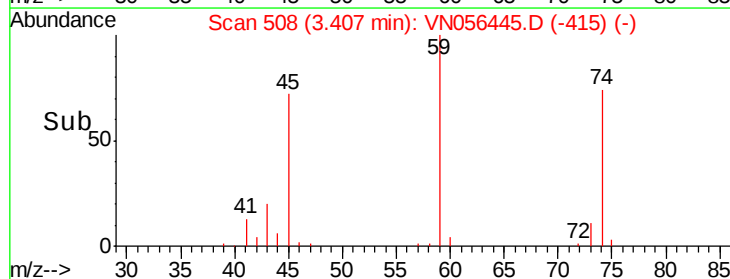
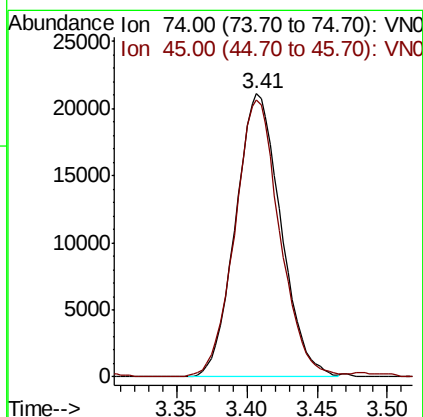
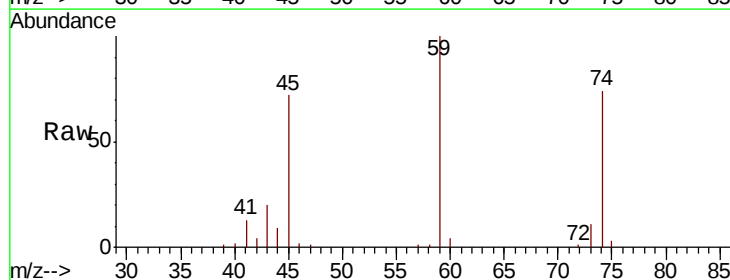
Tot Ion:101 Resp: 112399
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.7 77.5

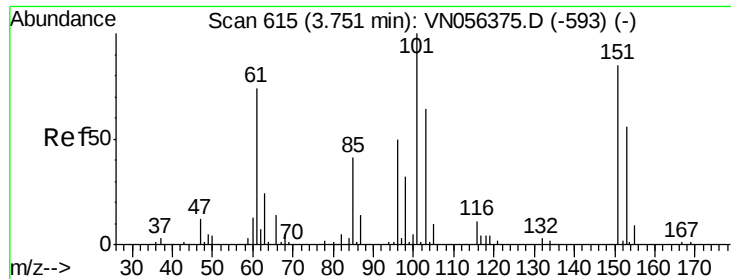


#8

Diethyl Ether
 Concen: 20.810 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Tgt Ion: 74 Resp: 47423
 Ion Ratio Lower Upper
 74 100
 45 97.0 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.537 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

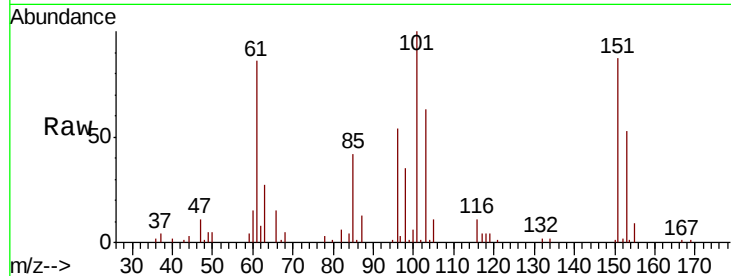
Tot Ion:101 Resp: 70520

Ion Ratio Lower Upper

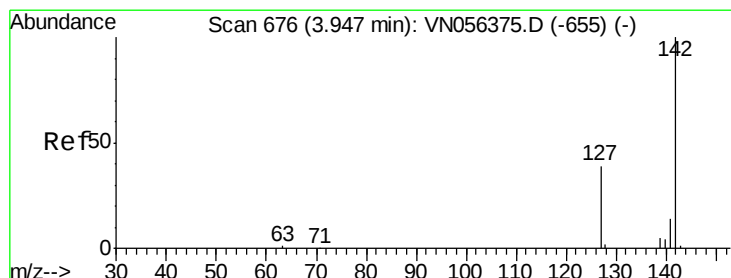
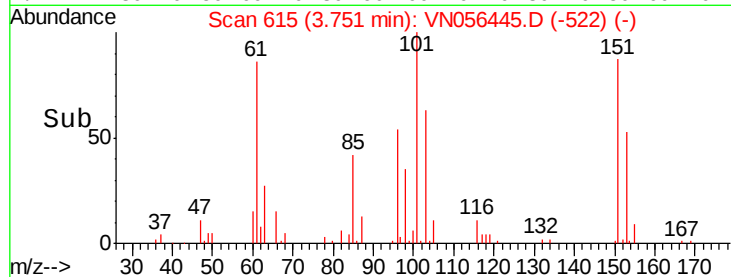
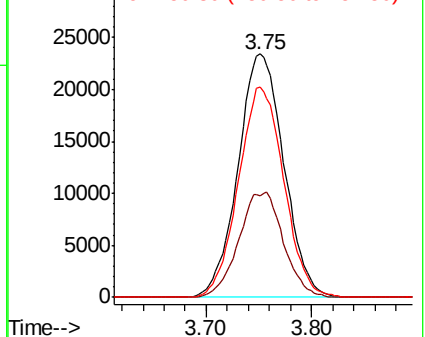
101 100

85 42.2 32.7 49.1

151 85.7 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.198 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

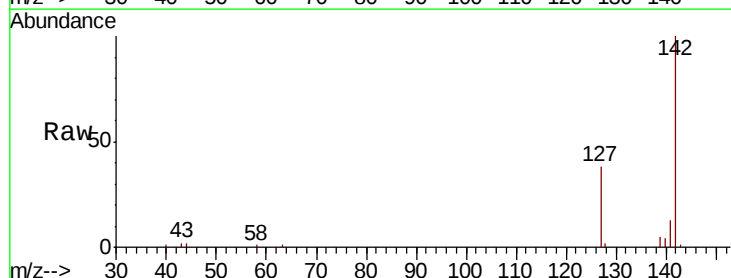
Tgt Ion:142 Resp: 89098

Ion Ratio Lower Upper

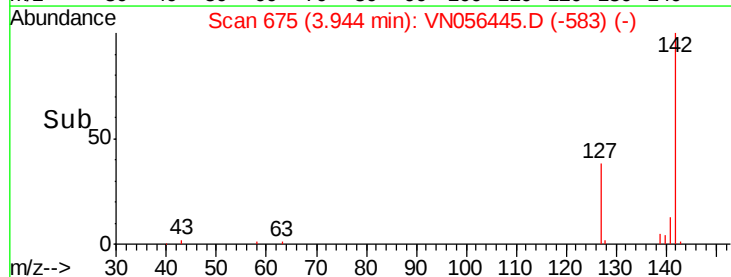
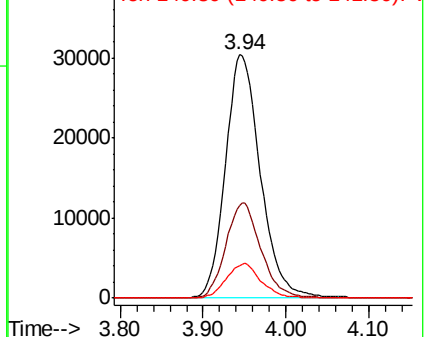
142 100

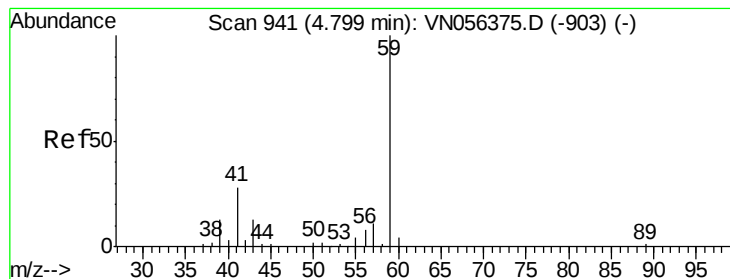
127 39.2 30.6 46.0

141 13.9 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



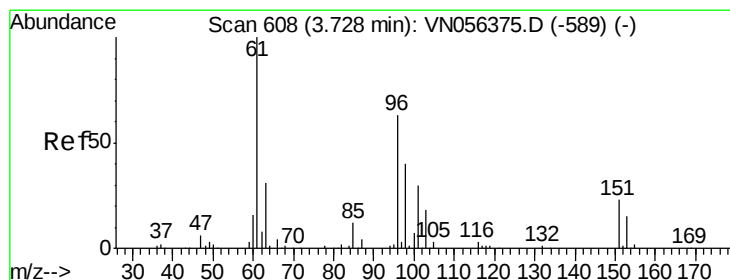
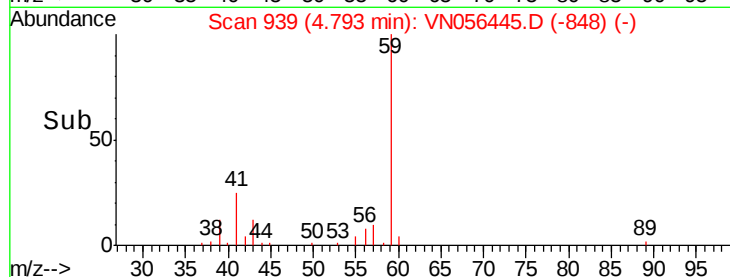
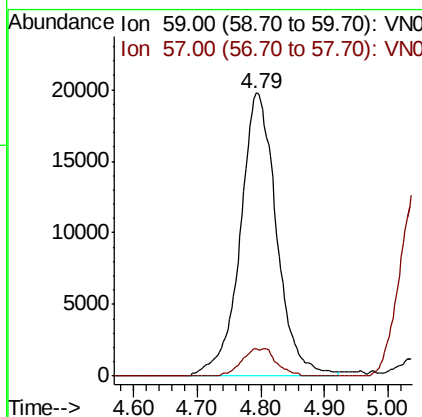
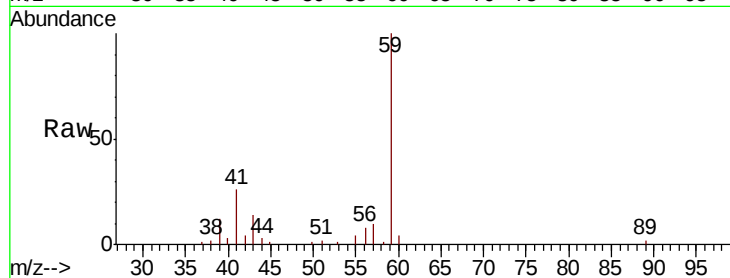


#11

Tert butyl alcohol
 Concen: 112.659 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

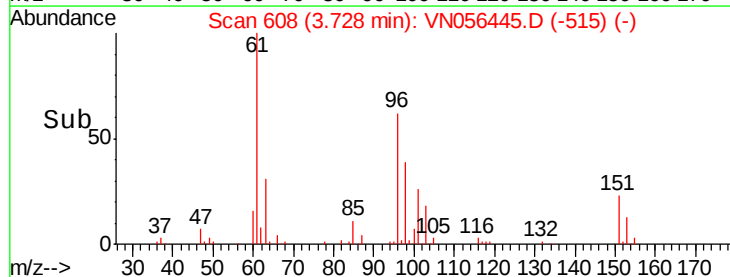
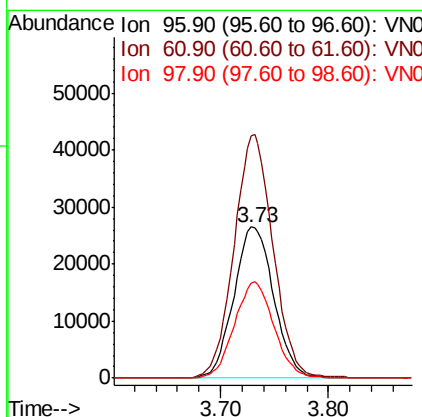
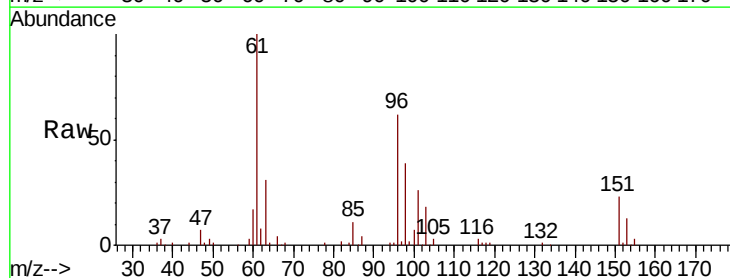
Tot Ion: 59 Resp: 78611
 Ion Ratio Lower Upper
 59 100
 57 4.6 7.6 11.4#

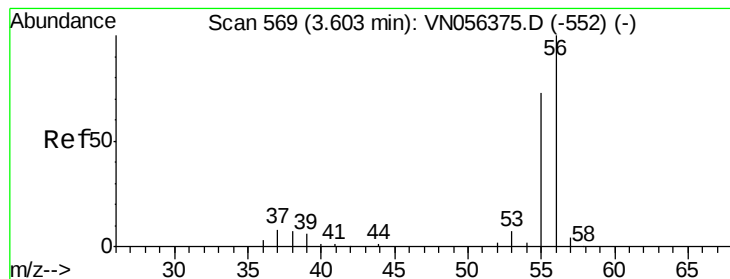


#12

1,1-Dichloroethene
 Concen: 20.675 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Tgt Ion: 96 Resp: 68271
 Ion Ratio Lower Upper
 96 100
 61 160.1 126.6 190.0
 98 62.7 51.1 76.7





#13

Acrolein

Concen: 89.733 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

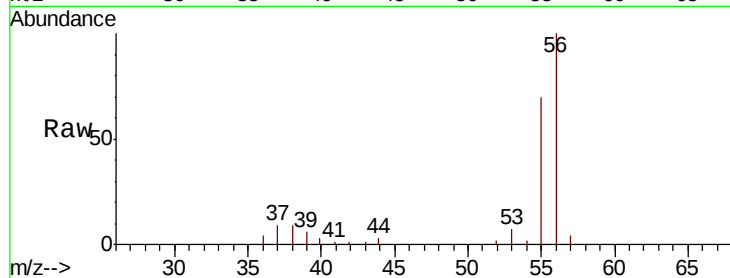
VN0624WBS01

Tot Ion: 56 Resp: 52772

Ion Ratio Lower Upper

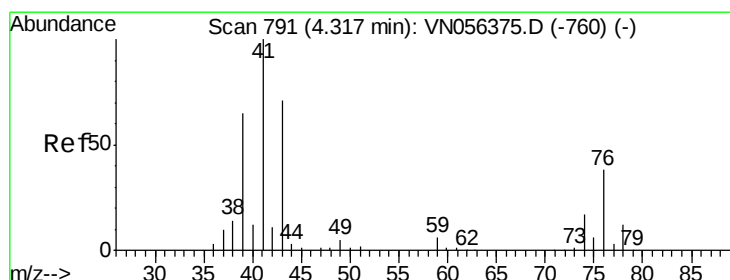
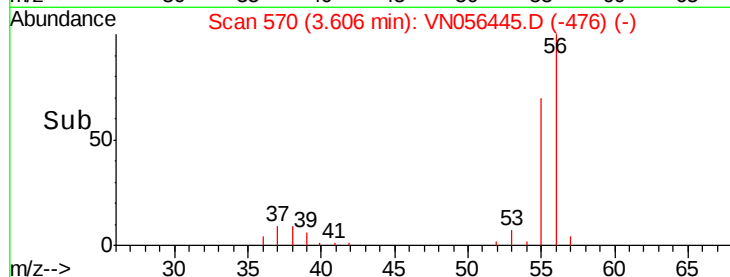
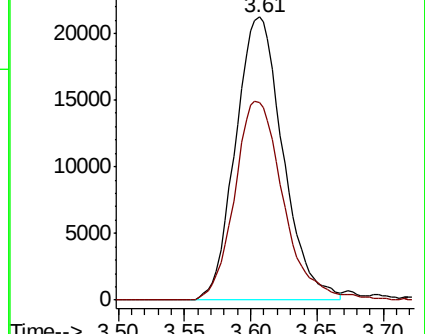
56 100

55 72.3 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.990 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

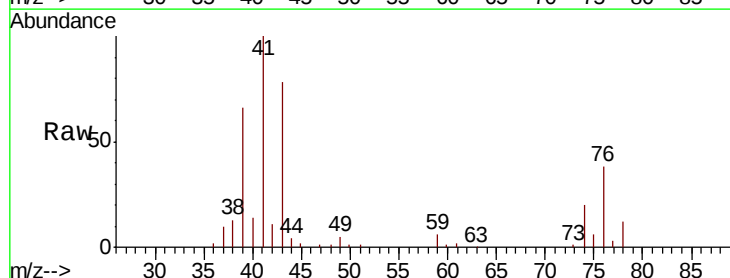
Tgt Ion: 41 Resp: 115381

Ion Ratio Lower Upper

41 100

39 62.2 48.6 73.0

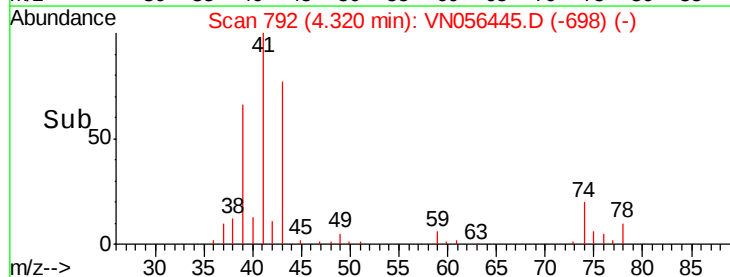
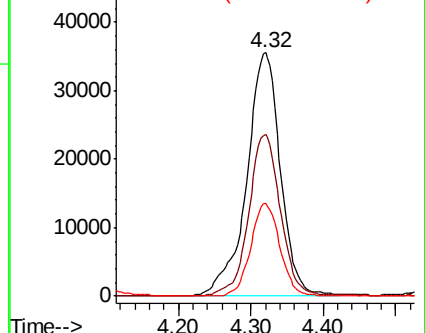
76 32.8 26.6 40.0

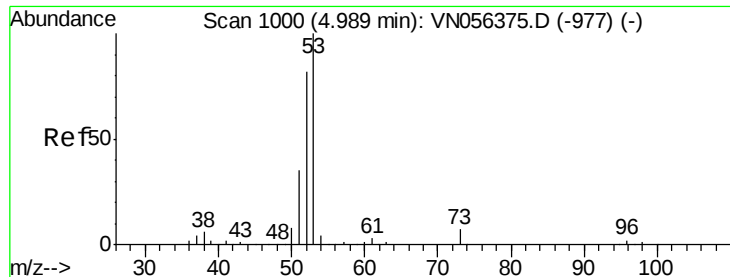


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 105.667 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

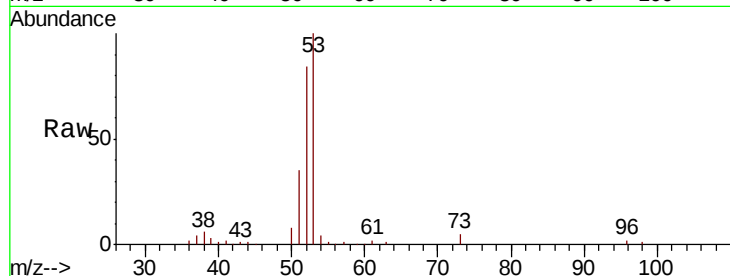
Tot Ion: 53 Resp: 203980

Ion Ratio Lower Upper

53 100

52 82.7 65.9 98.9

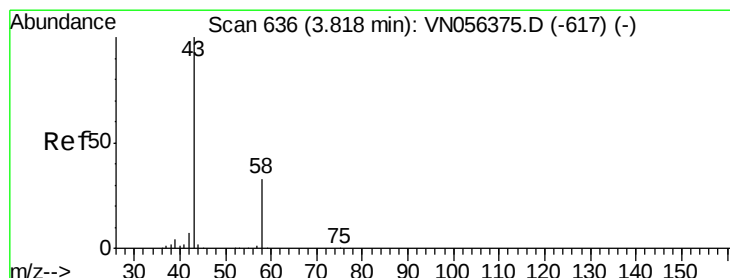
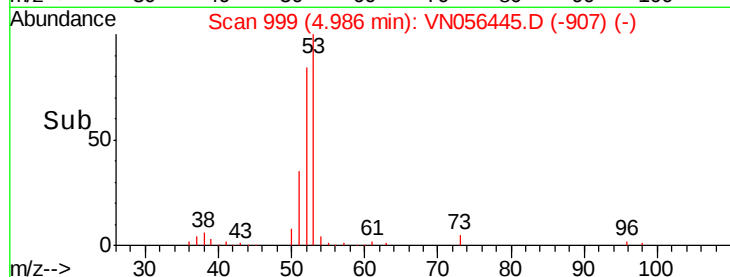
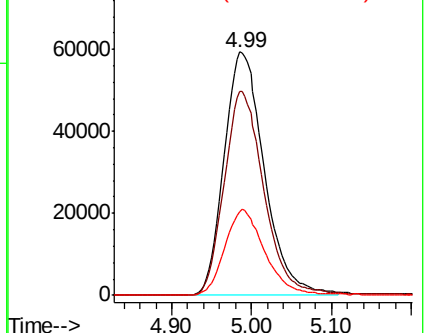
51 35.0 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 101.237 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056445.D

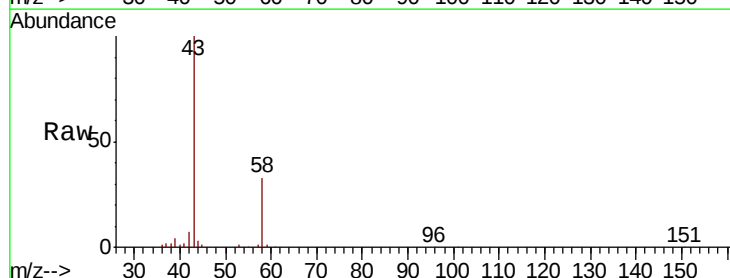
Acq: 24 Jun 2019 11:04

Tgt Ion: 43 Resp: 210134

Ion Ratio Lower Upper

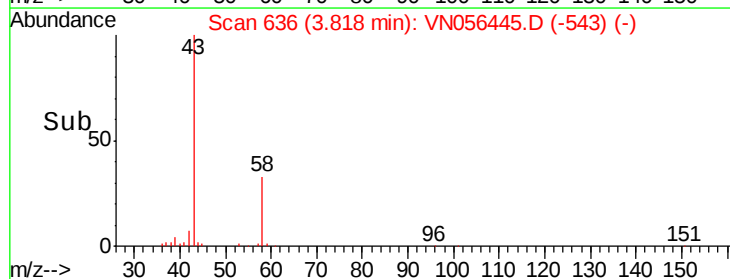
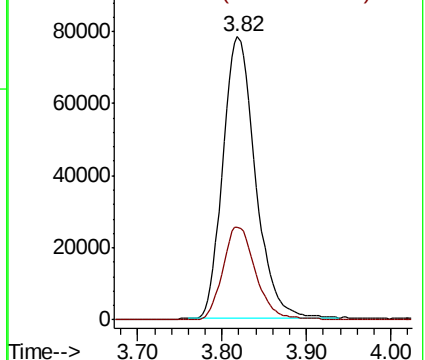
43 100

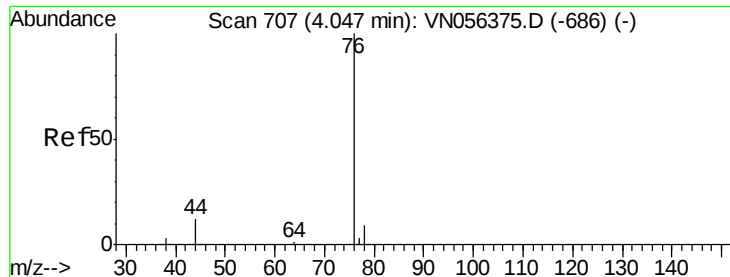
58 33.0 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

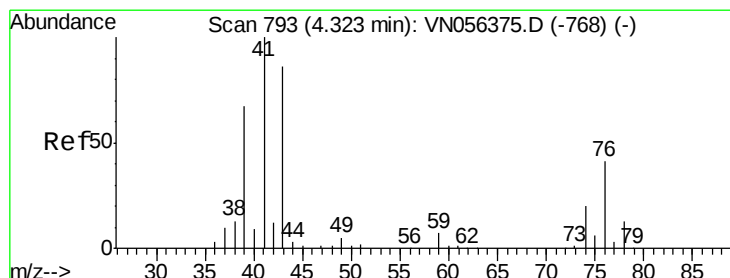
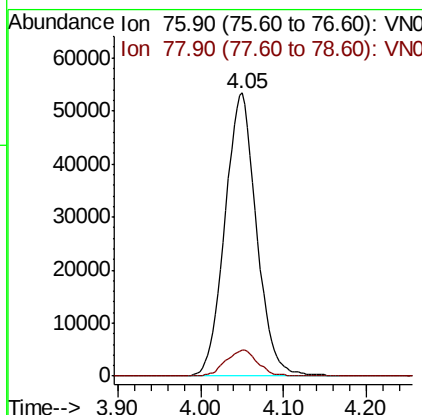
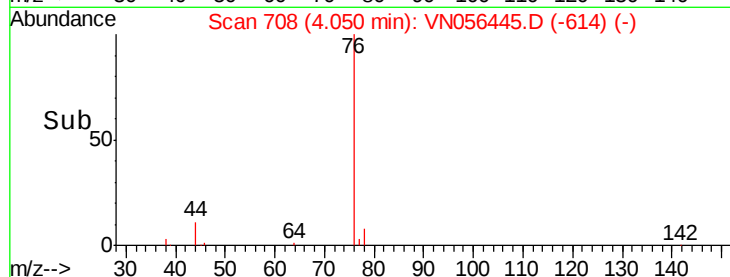
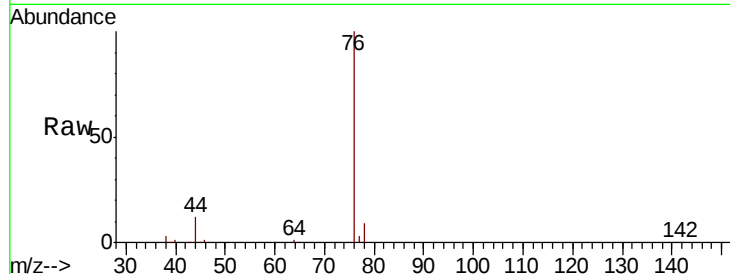




#17
Carbon Disulfide
Concen: 18.825 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

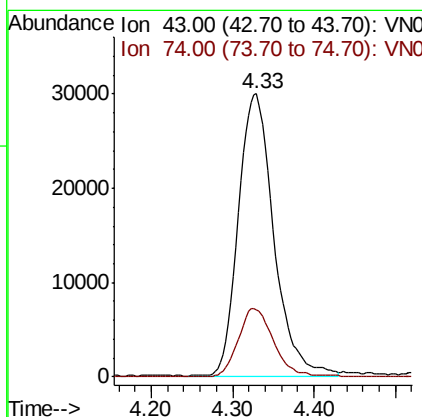
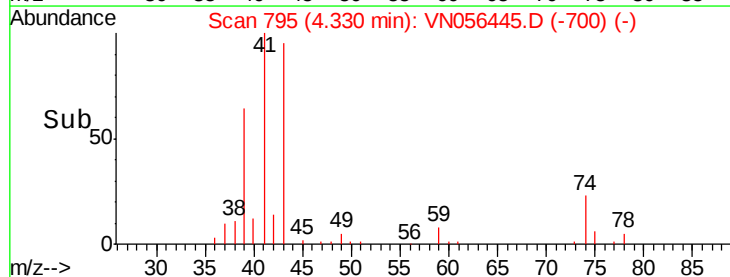
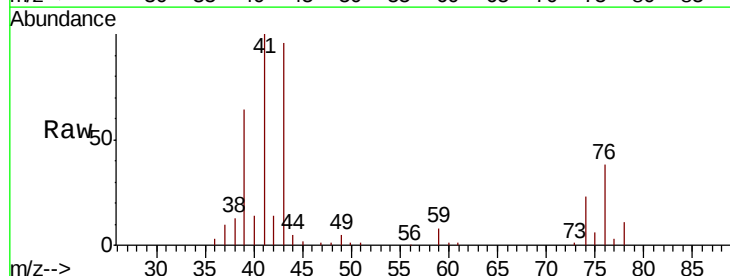
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

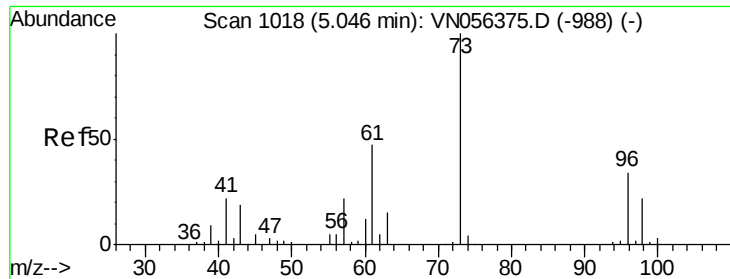
Tot Ion: 76 Resp: 141387
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 21.899 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 43 Resp: 91011
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8

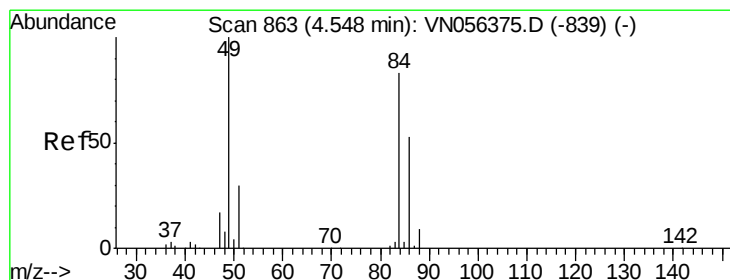
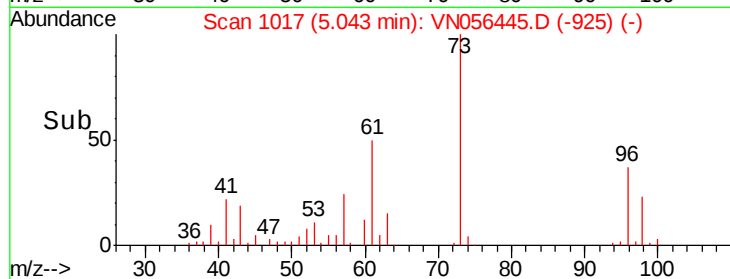
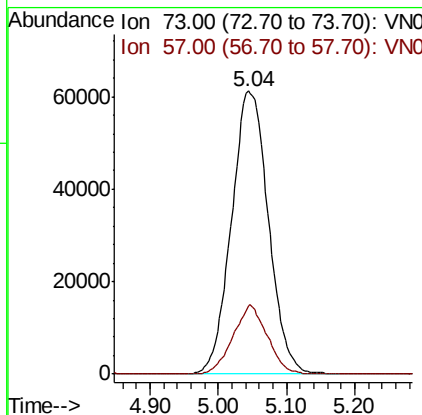
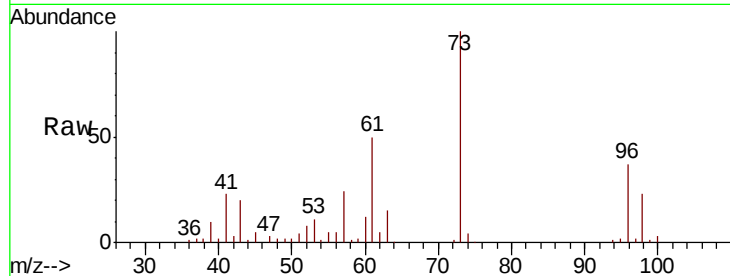




#19
Methvl tert-butvl Ether
Concen: 21.076 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

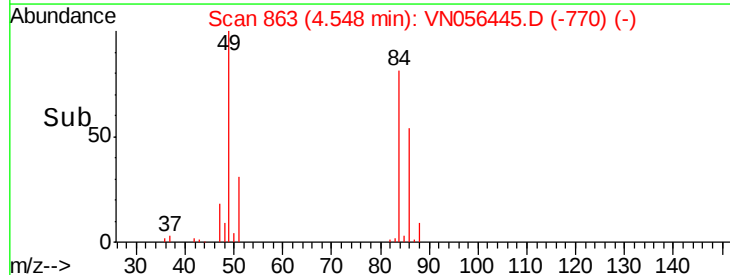
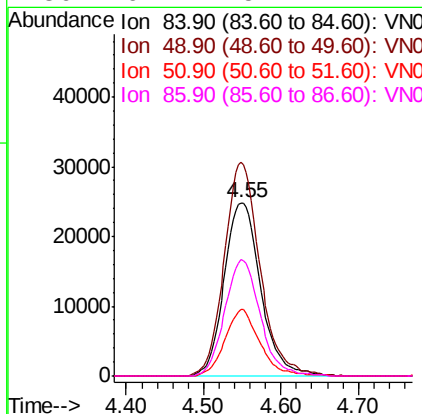
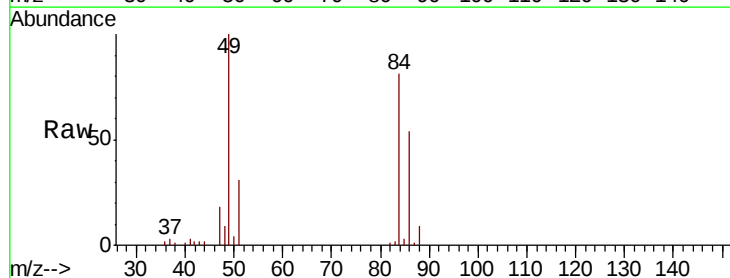
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

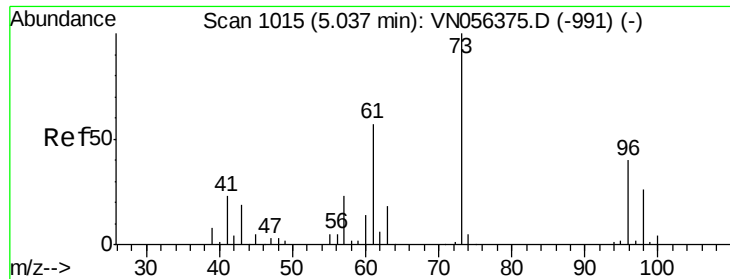
Tot Ion: 73 Resp: 230288
Ion Ratio Lower Upper
73 100
57 24.1 17.9 26.9



#20
Methylene Chloride
Concen: 20.307 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 84 Resp: 81529
Ion Ratio Lower Upper
84 100
49 123.4 96.4 144.6
51 38.7 28.6 43.0
86 67.1 51.4 77.2

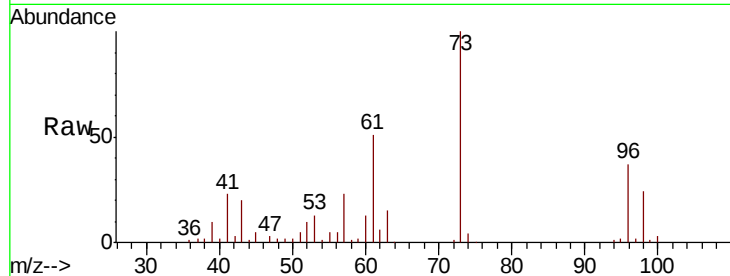




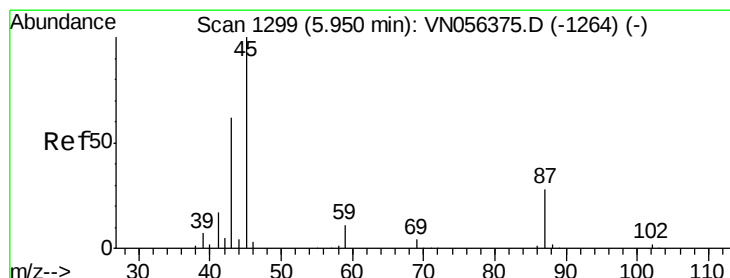
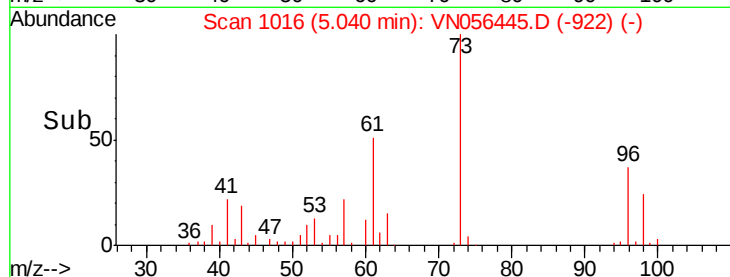
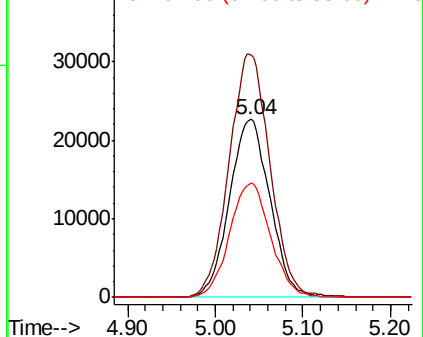
#21
trans-1,2-Dichloroethene
Concen: 20.497 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion: 96 Resp: 72974
Ion Ratio Lower Upper
96 100
61 136.5 113.0 169.6
98 63.9 52.2 78.2

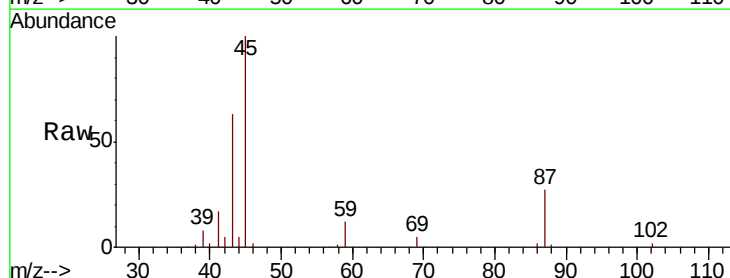


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

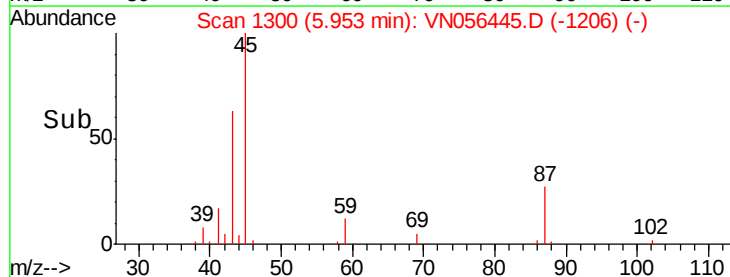
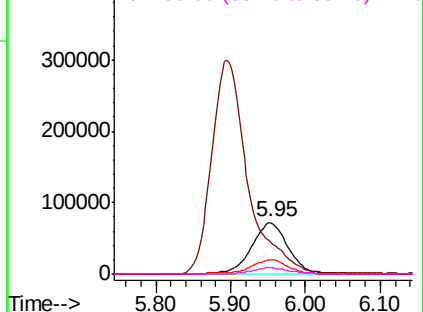


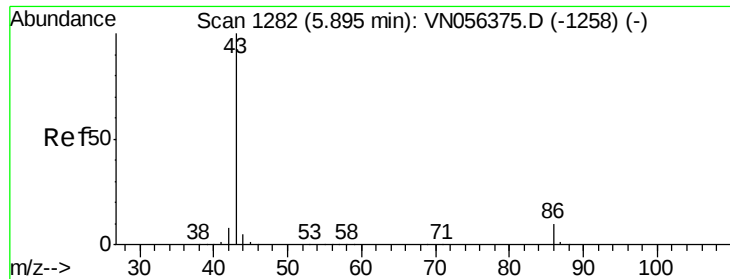
#22
Diisopropyl ether
Concen: 21.113 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 45 Resp: 243735
Ion Ratio Lower Upper
45 100
43 60.4 50.4 75.6
87 27.0 23.0 34.4
59 11.2 9.1 13.7



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

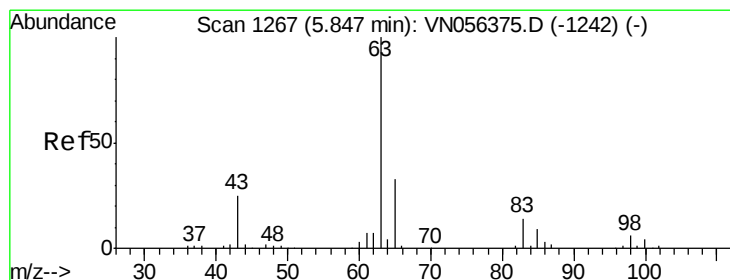
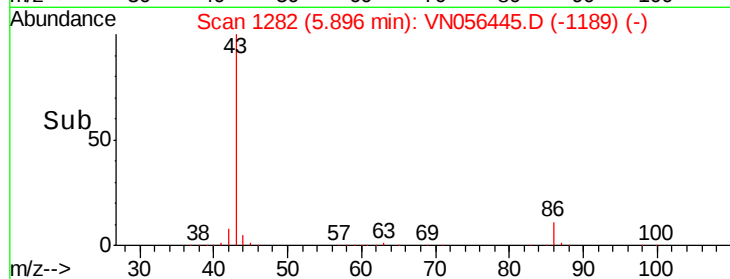
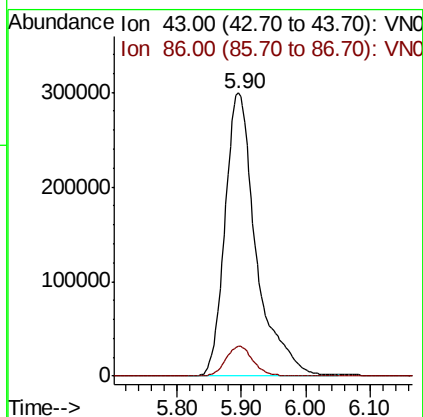
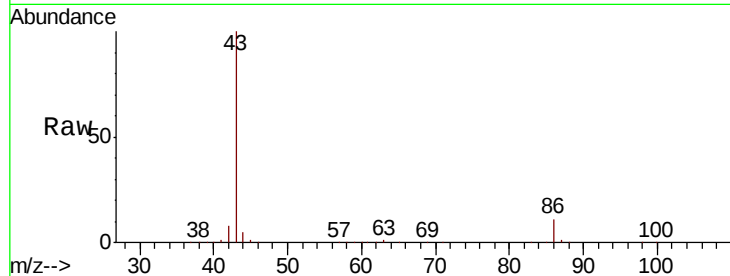




#23
 Vinyl Acetate
 Concen: 110.510 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

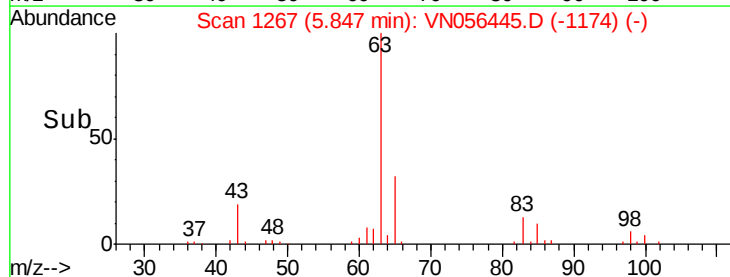
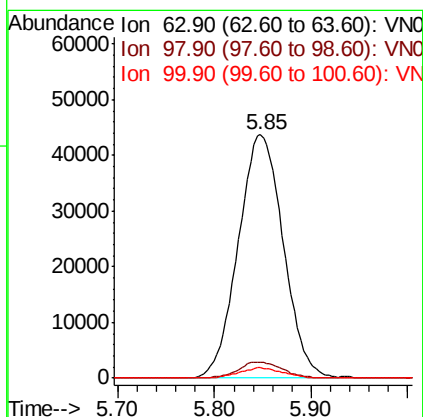
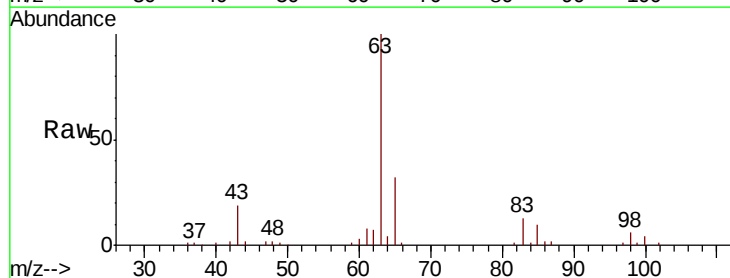
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

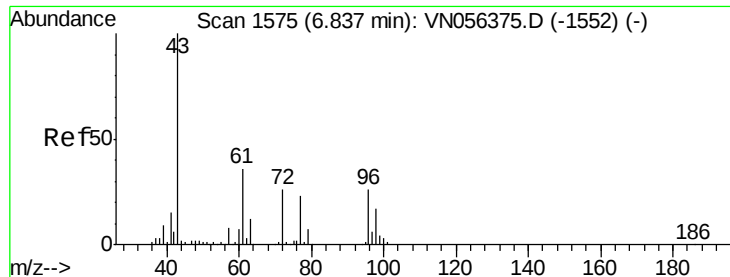
Tot Ion: 43 Resp: 1006222
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 21.303 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Tgt Ion: 63 Resp: 141167
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.2 2.1 6.5

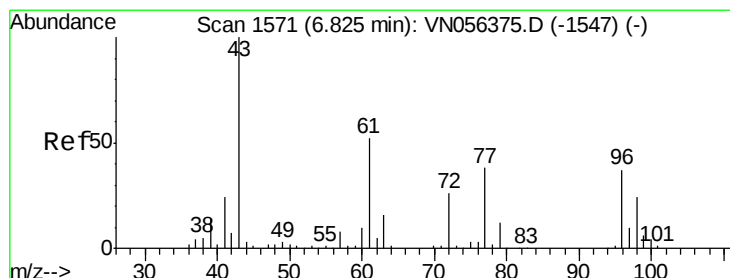
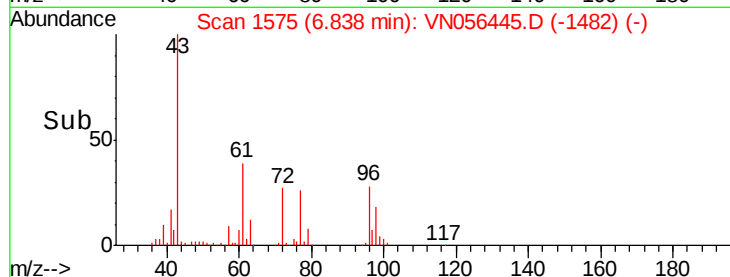
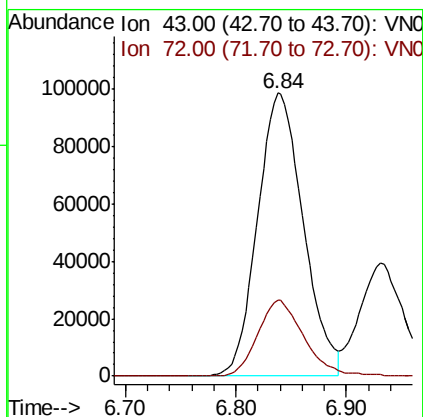
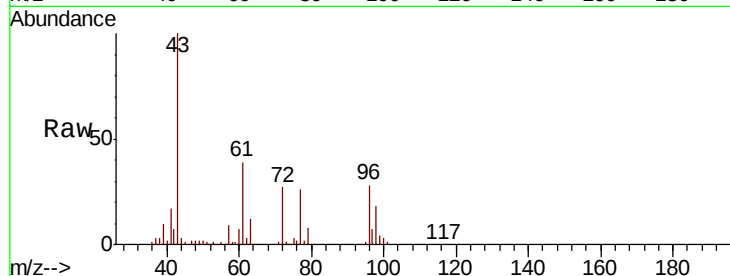




#25
2-Butanone
Concen: 102.948 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

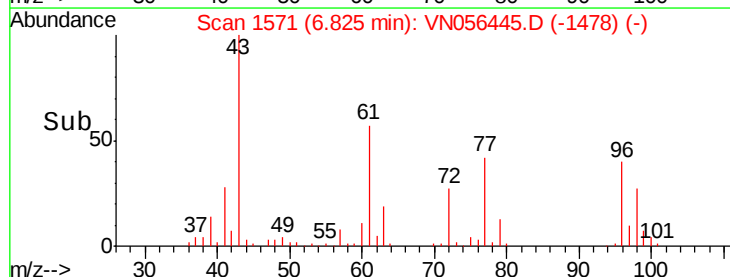
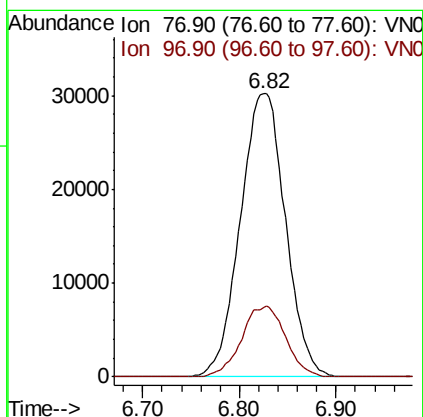
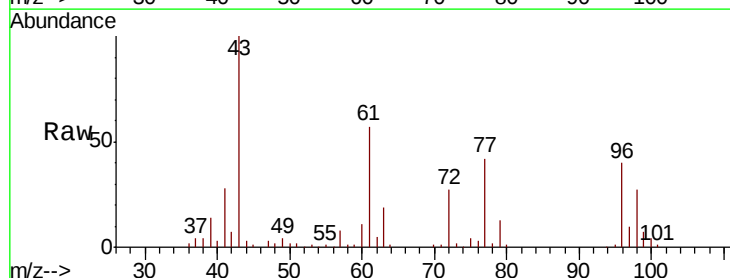
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

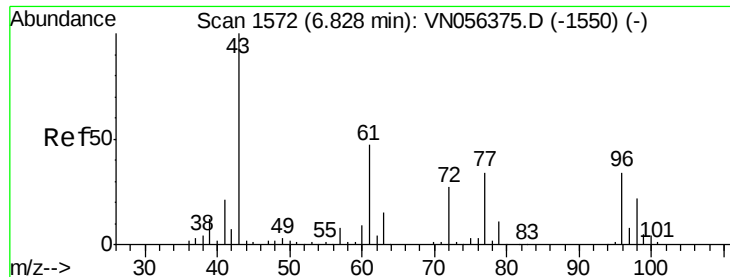
Tot Ion: 43 Resp: 282815
Ion Ratio Lower Upper
43 100
72 27.0 20.6 31.0



#26
2,2-Dichloropropane
Concen: 21.188 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 77 Resp: 97652
Ion Ratio Lower Upper
77 100
97 24.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 21.443 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampled :

VN0624WBS01

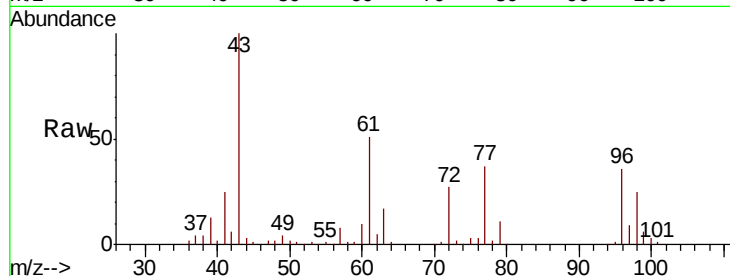
Tot Ion: 96 Resp: 89315

Ion Ratio Lower Upper

96 100

61 137.4 0.0 279.8

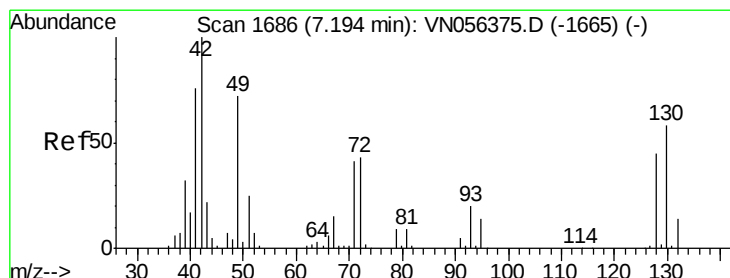
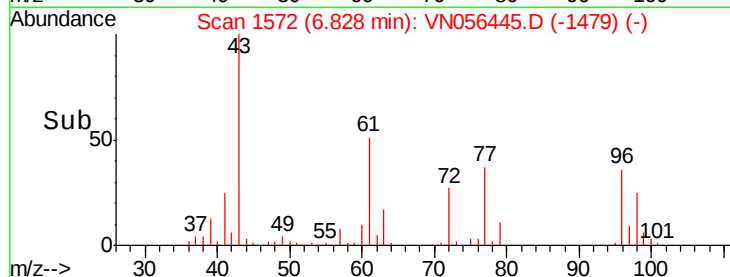
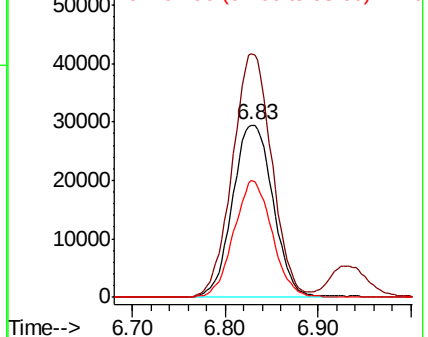
98 63.9 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 22.116 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

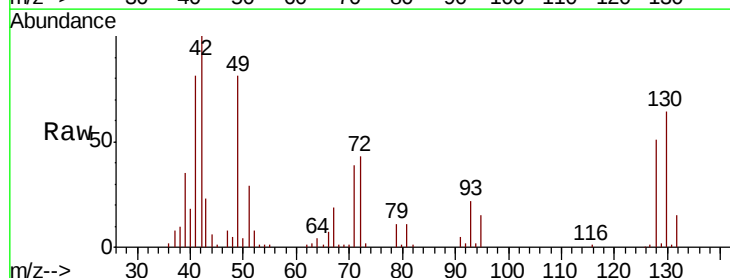
Tgt Ion: 49 Resp: 72492

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.2

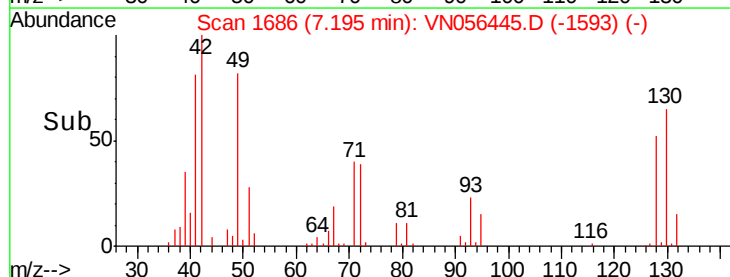
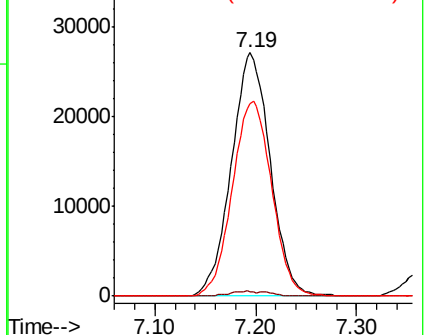
130 81.0 64.9 97.3

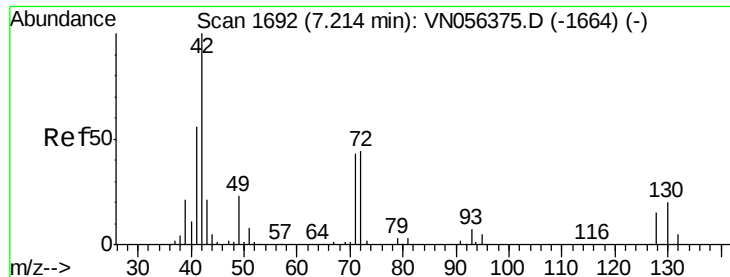


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

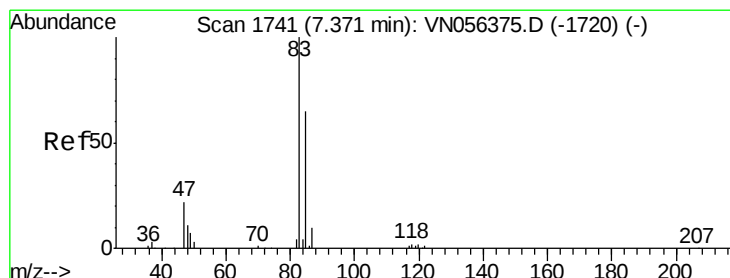
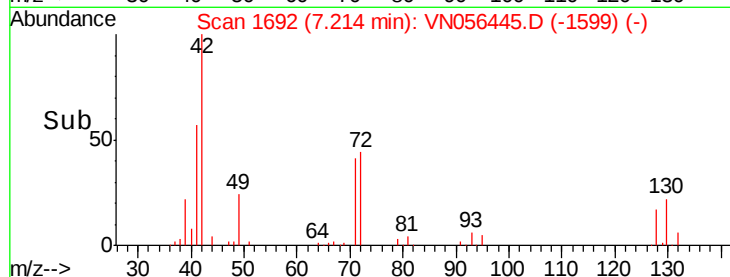
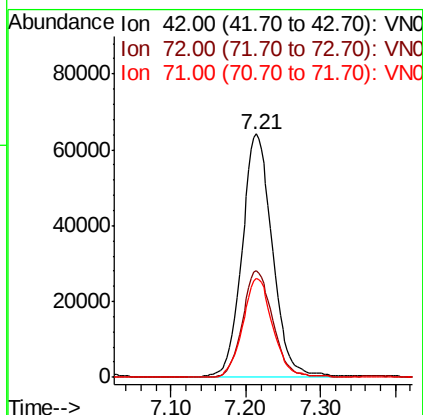
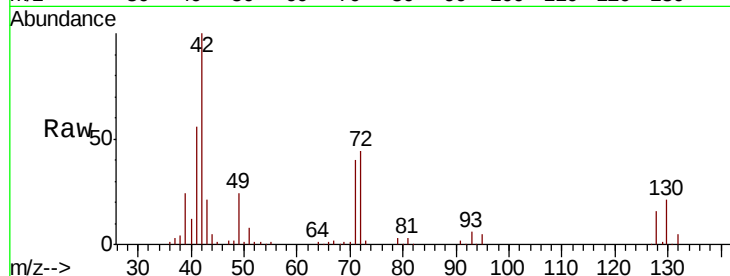




#29
Tetrahydrofuran
Concen: 108.227 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

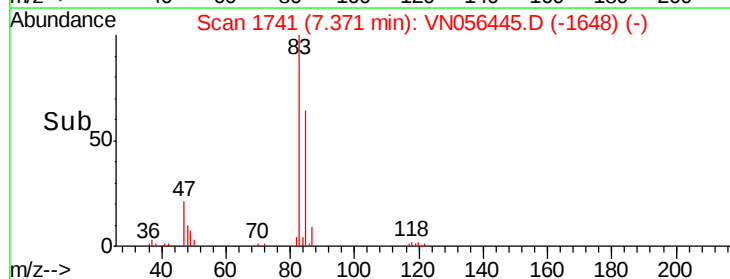
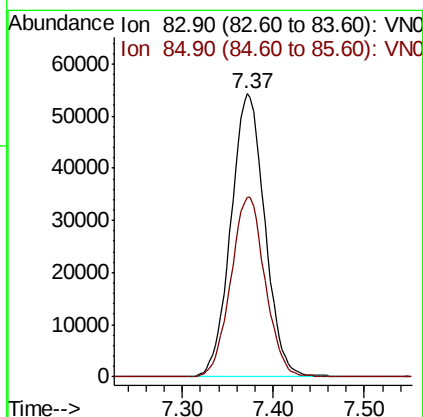
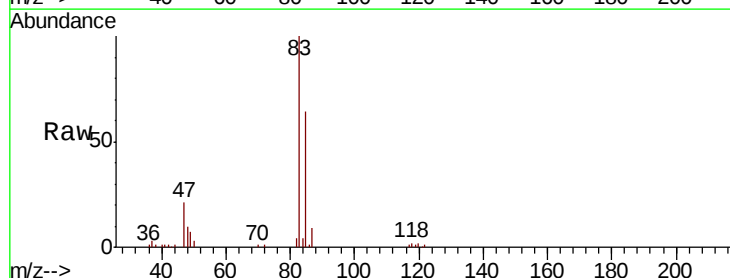
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

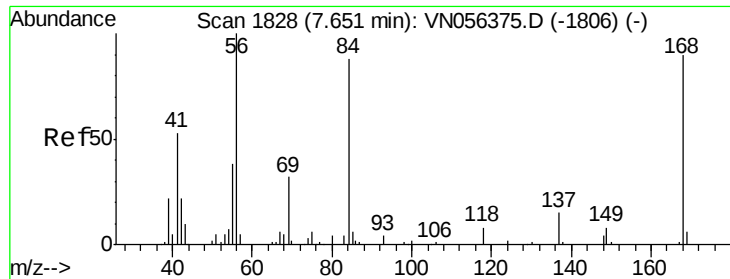
Tot Ion: 42 Resp: 181691
Ion Ratio Lower Upper
42 100
72 43.2 34.7 52.1
71 39.9 33.0 49.6



#30
Chloroform
Concen: 21.489 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 83 Resp: 140517
Ion Ratio Lower Upper
83 100
85 63.6 52.3 78.5

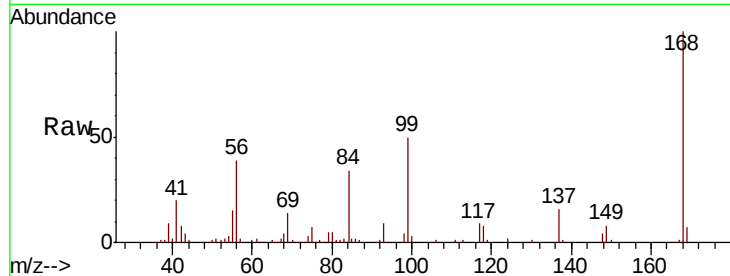




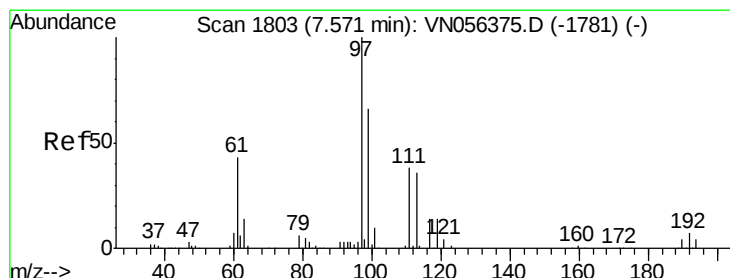
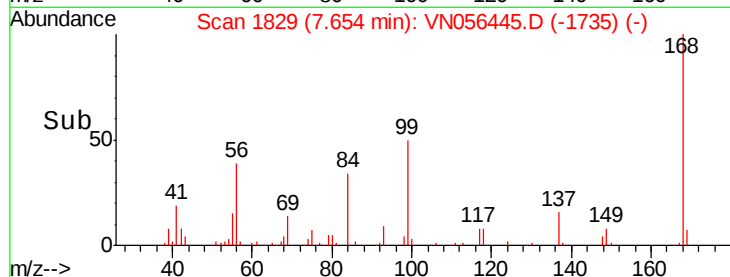
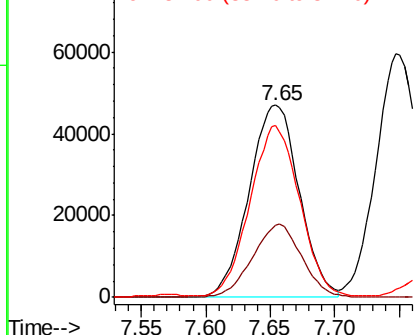
#31
Cyclohexane
Concen: 19.937 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion: 56 Resp: 127551
Ion Ratio Lower Upper
56 100
69 37.5 25.8 38.6
84 88.7 69.4 104.0

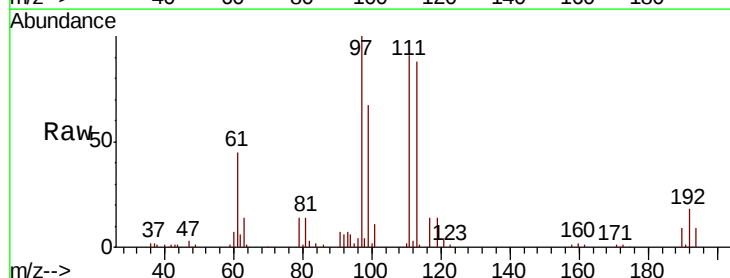


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

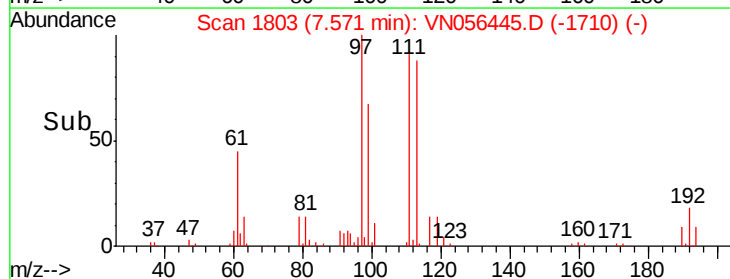
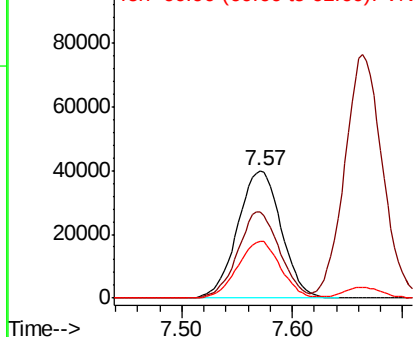


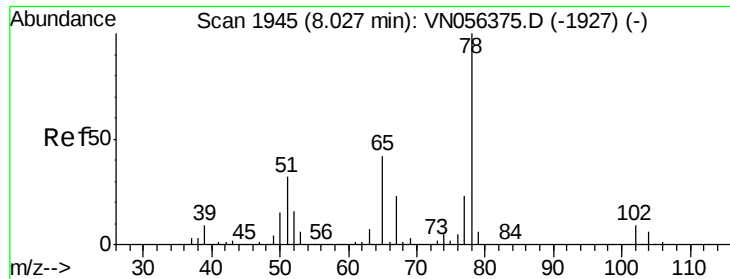
#32
1,1,1-Trichloroethane
Concen: 21.115 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 97 Resp: 109444
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 43.5 33.9 50.9



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





#33

1,2-Dichloroethane-d4

Concen: 50.861 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

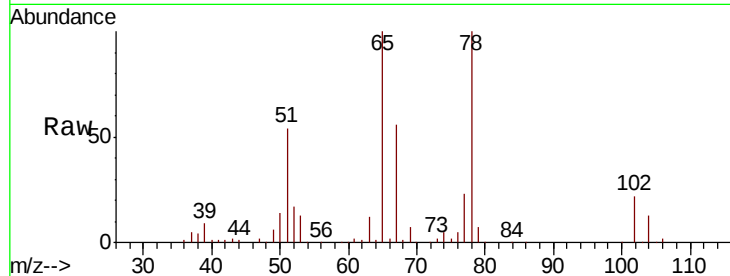
VN0624WBS01

Tot Ion: 65 Resp: 210715

Ion Ratio Lower Upper

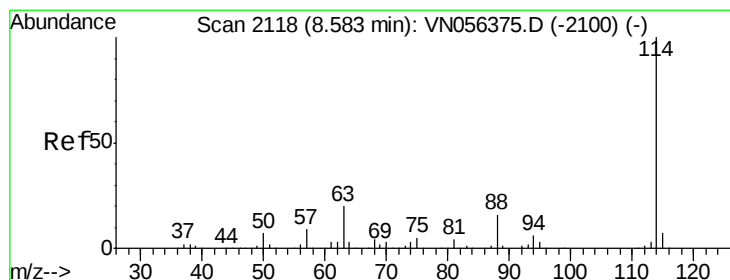
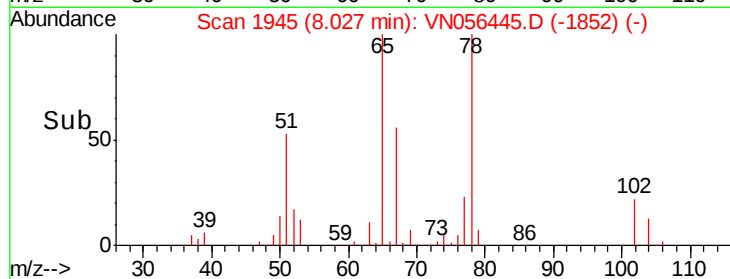
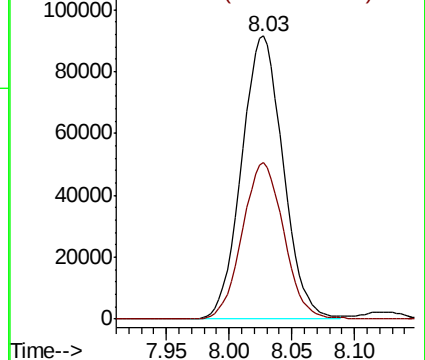
65 100

67 55.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

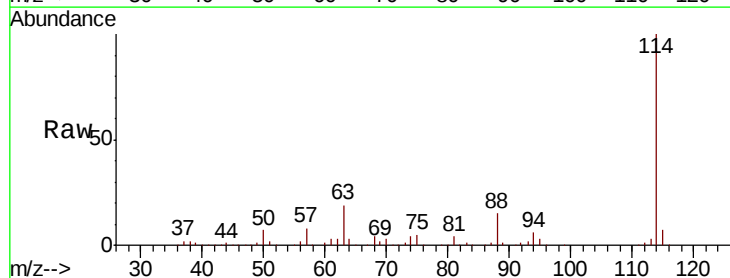
Tgt Ion: 114 Resp: 580322

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

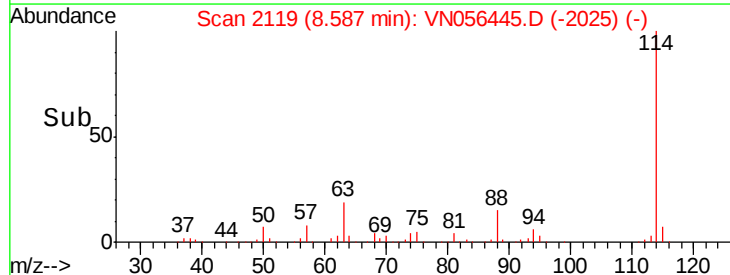
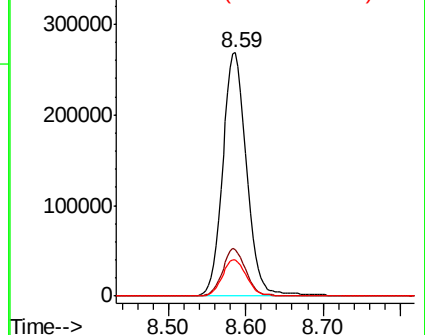
88 14.8 0.0 31.4

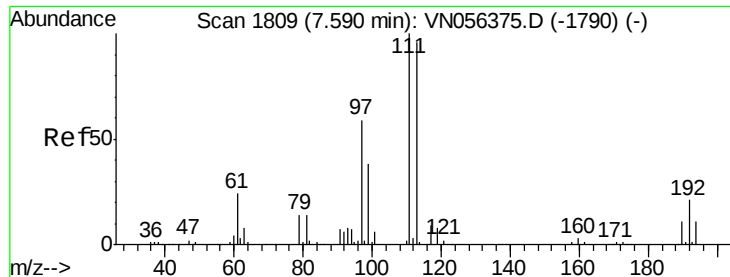


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

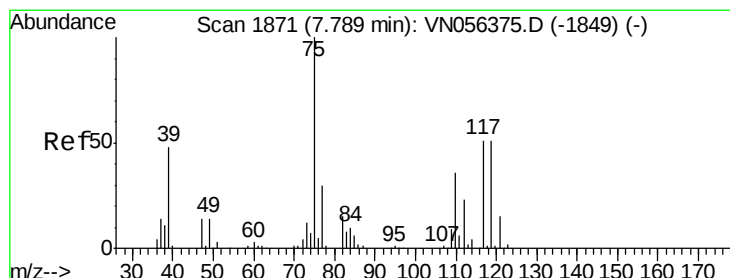
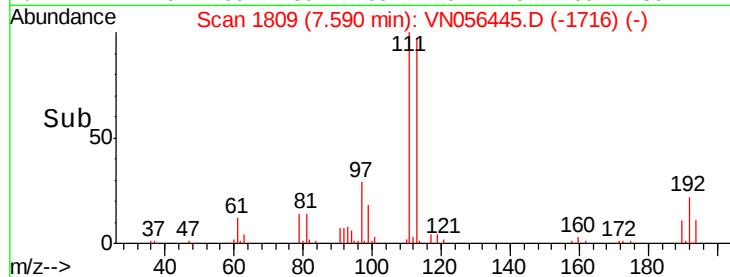
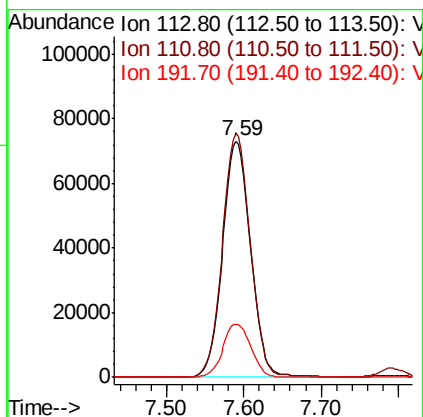
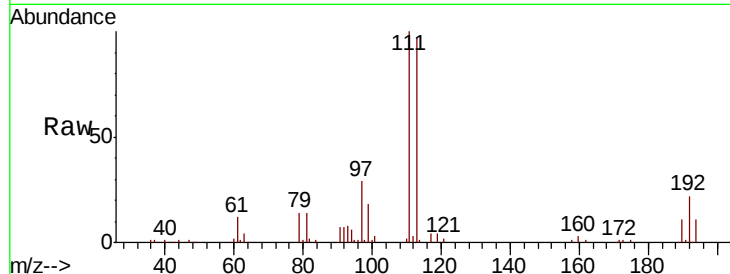




#35
 Dibromofluoromethane
 Concen: 50.722 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

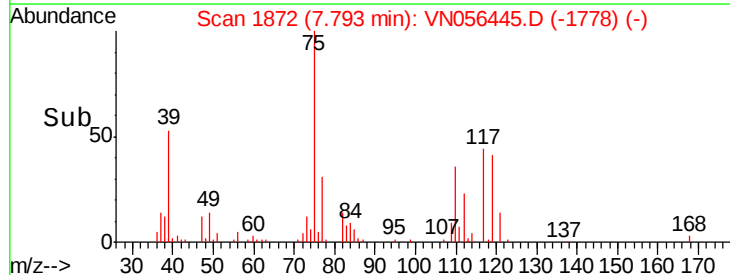
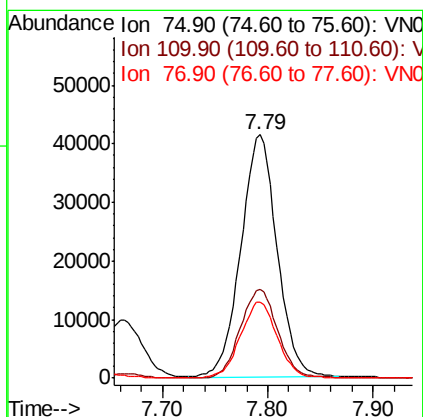
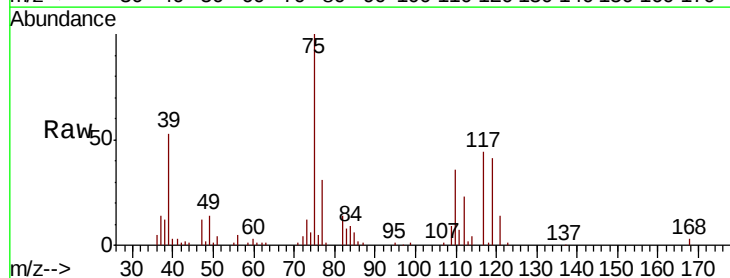
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

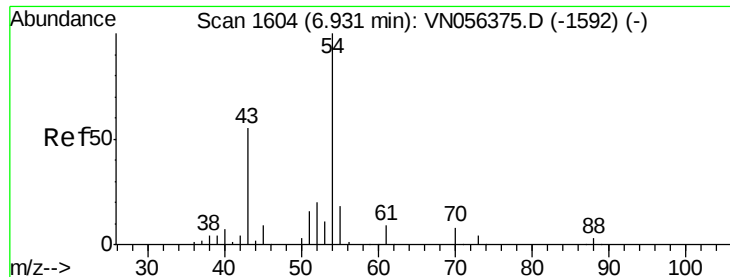
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	22.6	17.7	26.5



#36
 1,1-Dichloropropene
 Concen: 19.378 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.1	54.3
77	31.9	24.6	36.8

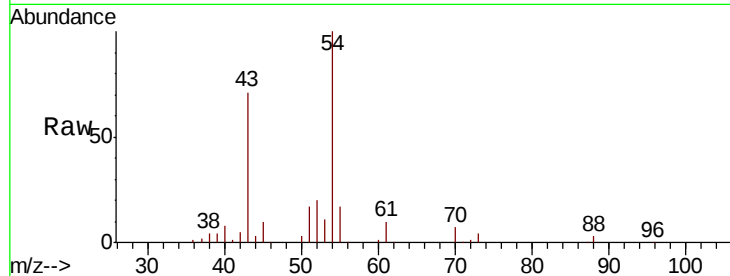




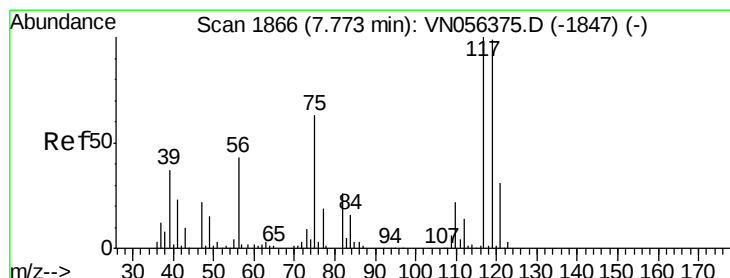
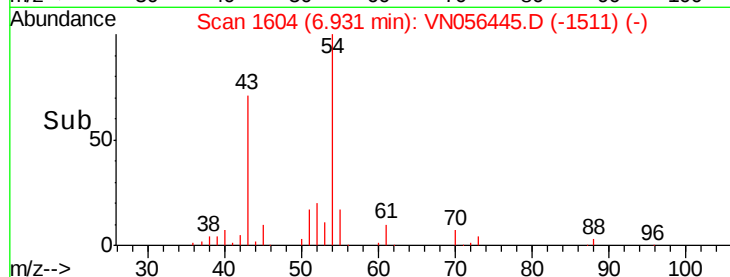
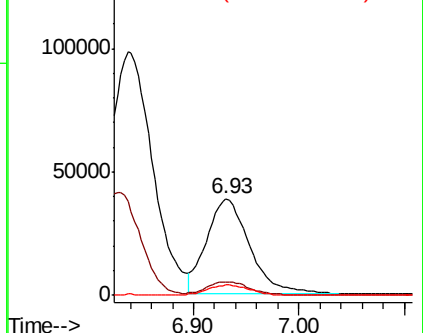
#37
Ethyl Acetate
Concen: 21.654 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

Tot Ion: 43 Resp: 108696
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 10.7 8.3 12.5

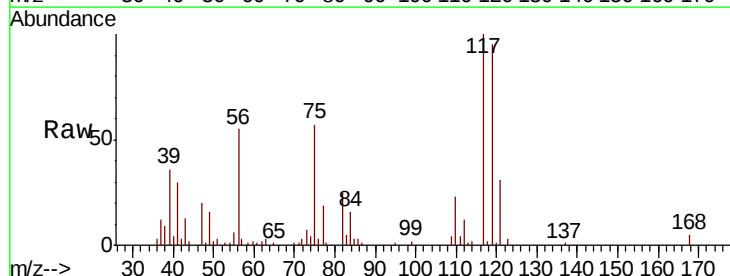


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

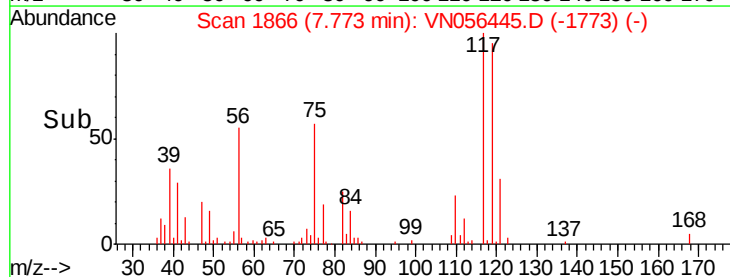
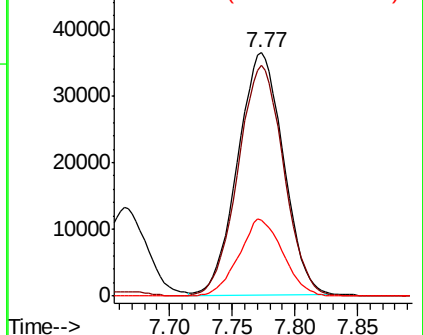


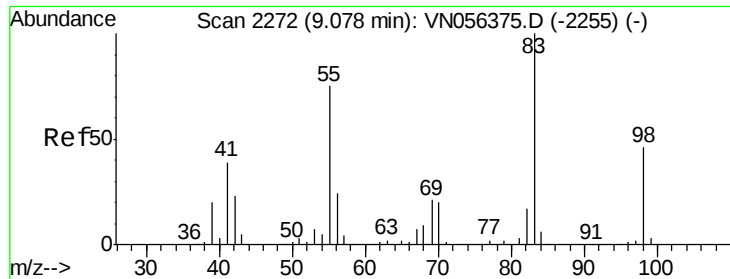
#38
Carbon Tetrachloride
Concen: 20.654 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 117 Resp: 92257
Ion Ratio Lower Upper
117 100
119 95.1 79.1 118.7
121 31.4 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

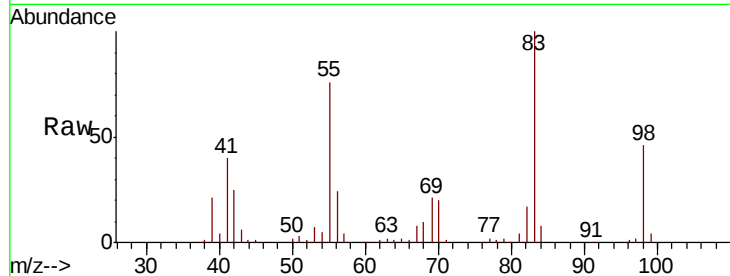




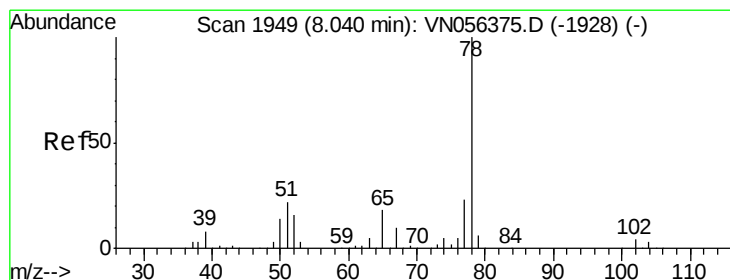
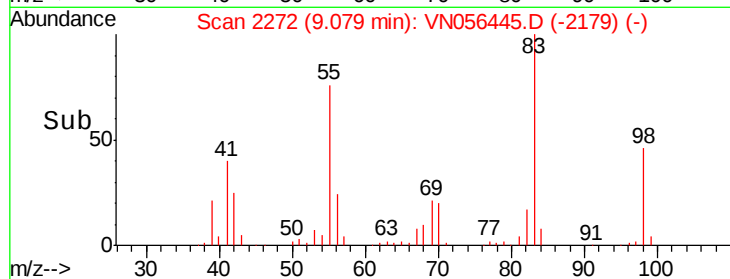
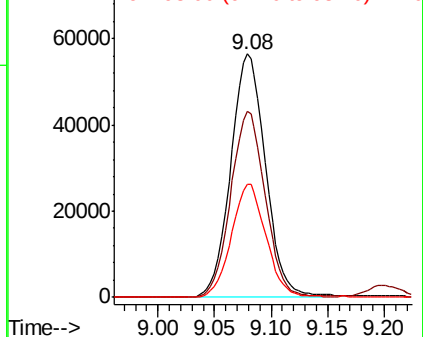
#39
Methvlcvclohexane
Concen: 19.262 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion: 83 Resp: 121405
Ion Ratio Lower Upper
83 100
55 76.4 60.0 90.0
98 46.4 36.6 54.8

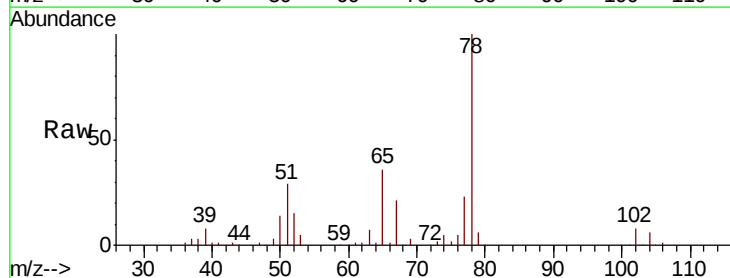


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

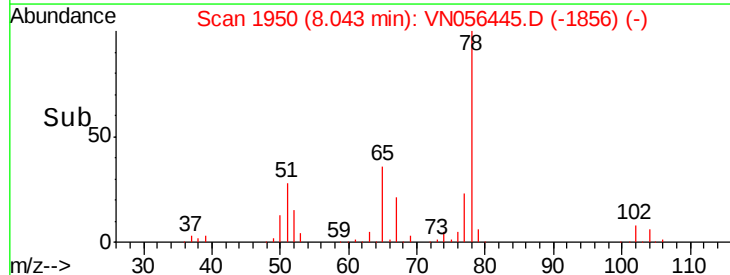
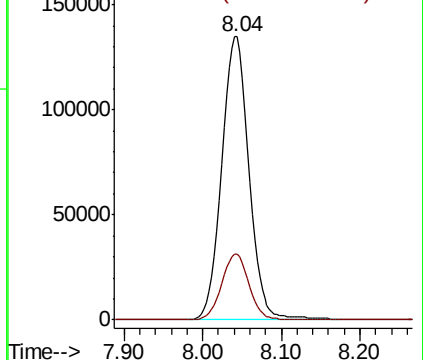


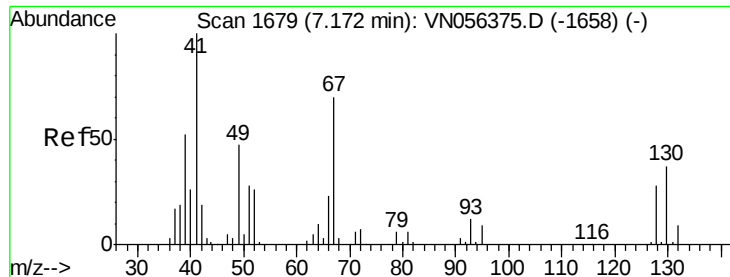
#40
Benzene
Concen: 20.503 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 78 Resp: 322132
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

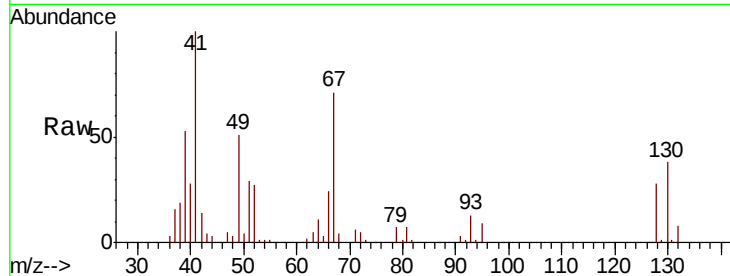




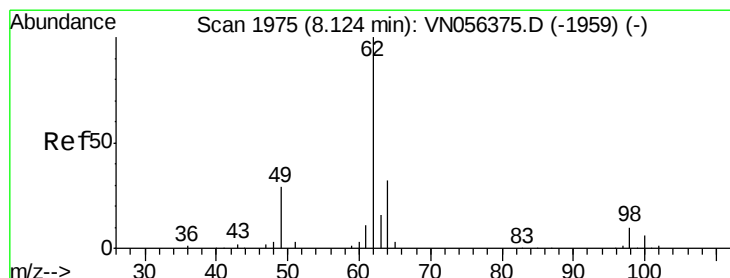
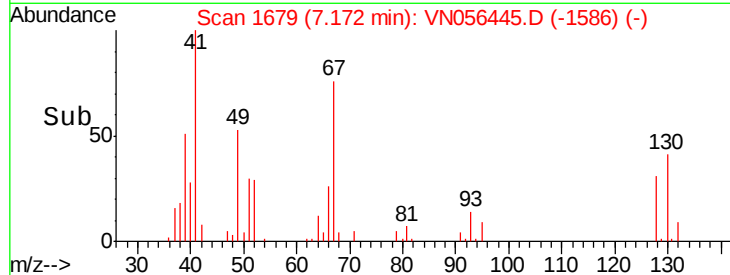
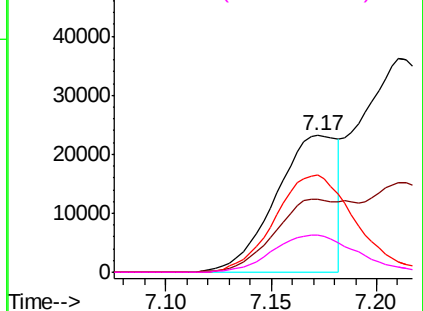
#41
Methacrylonitrile
Concen: 21.315 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion: 41 Resp: 47246
Ion Ratio Lower Upper
41 100
39 68.1 55.3 82.9
67 93.0 79.2 118.8
52 37.8 31.4 47.0

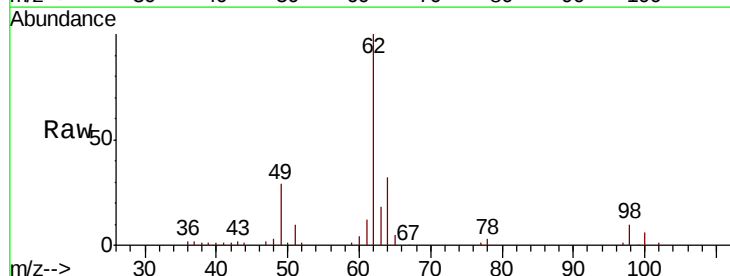


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

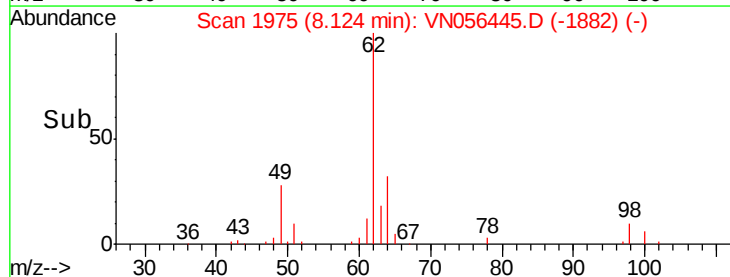
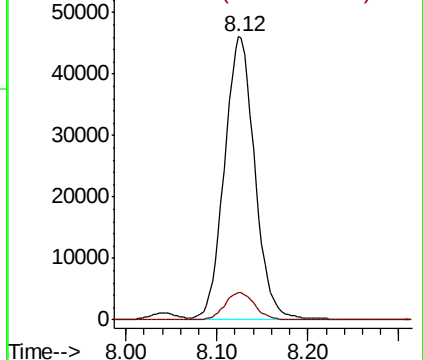


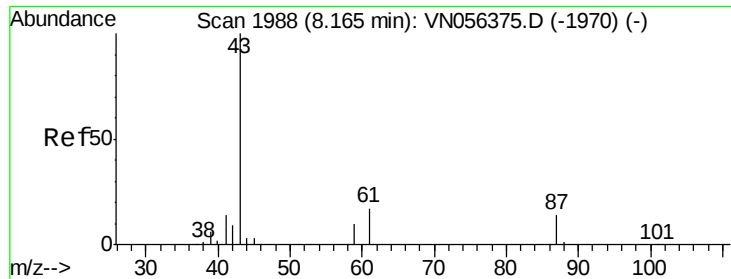
#42
1,2-Dichloroethane
Concen: 20.630 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 62 Resp: 106973
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 21.003 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

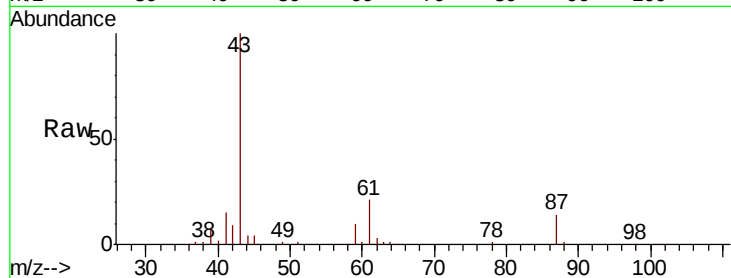
Tot Ion: 43 Resp: 162569

Ion Ratio Lower Upper

43 100

61 21.2 22.0 33.0#

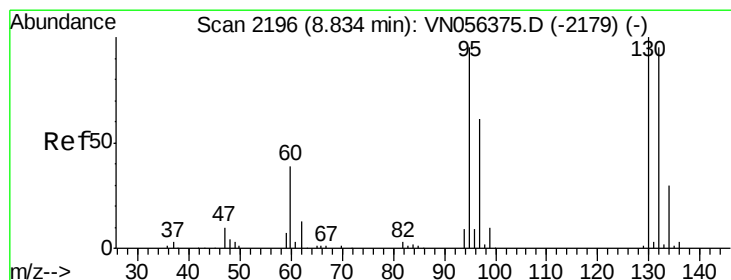
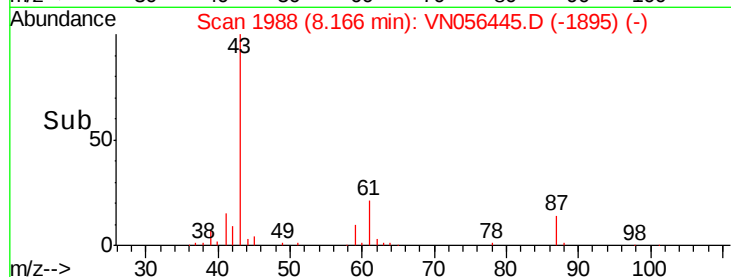
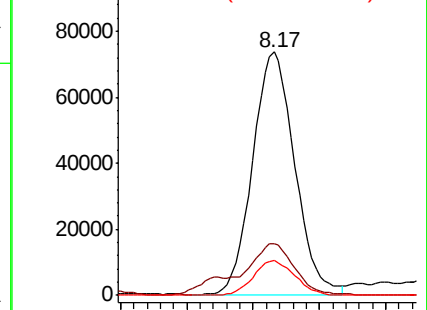
87 14.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 20.006 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056445.D

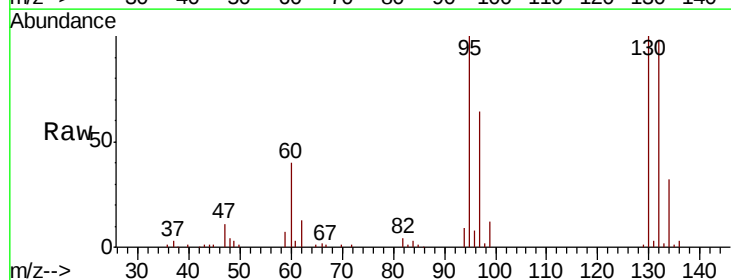
Acq: 24 Jun 2019 11:04

Tgt Ion:130 Resp: 84674

Ion Ratio Lower Upper

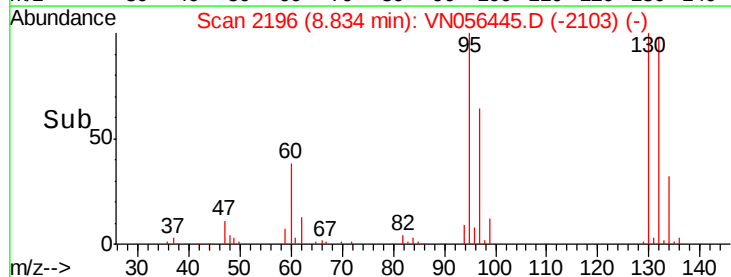
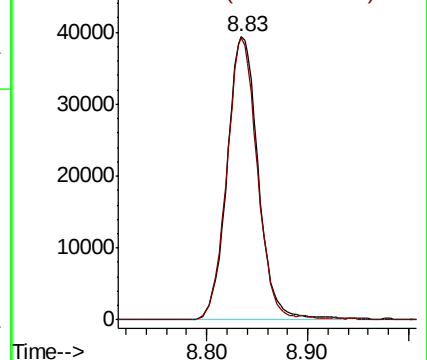
130 100

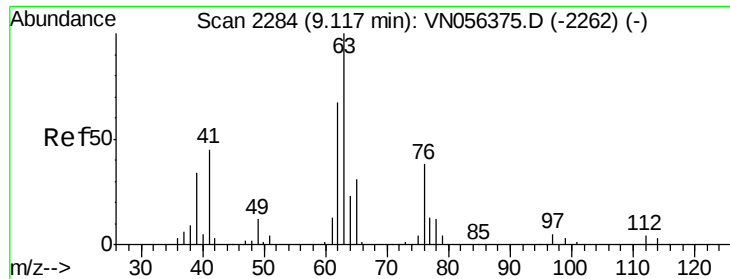
95 99.8 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)

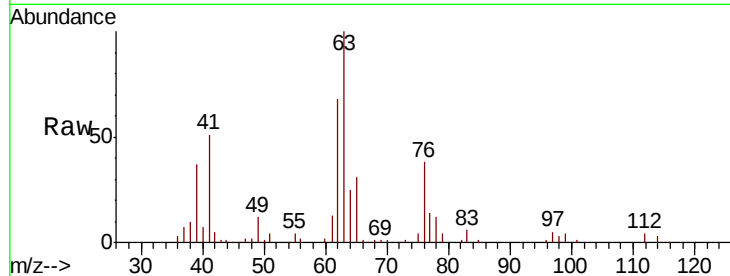




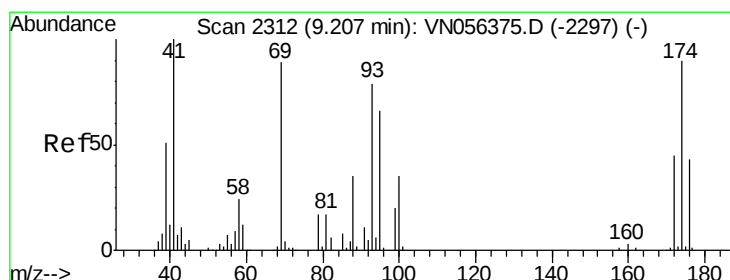
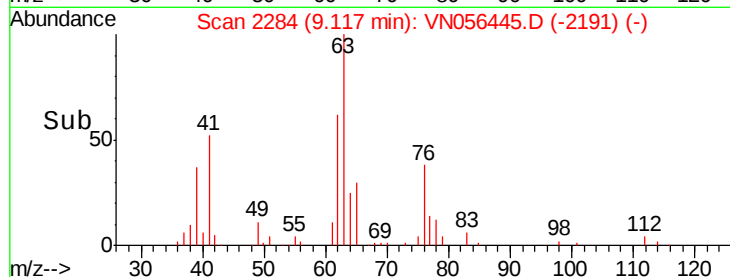
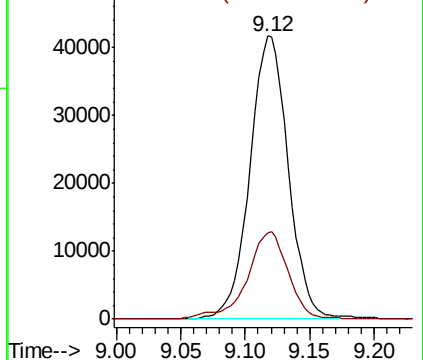
#45
 1,2-Dichloropropane
 Concen: 20.603 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion: 63 Resp: 86572
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6

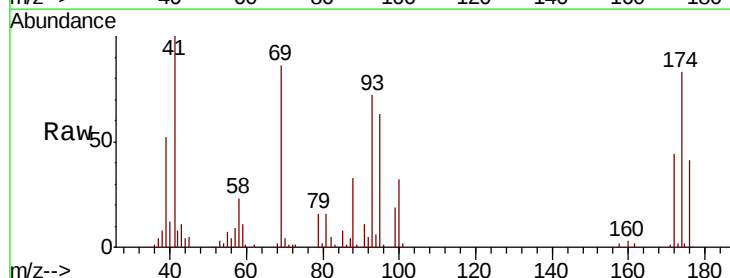


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 64.90 (64.60 to 65.60): VN0

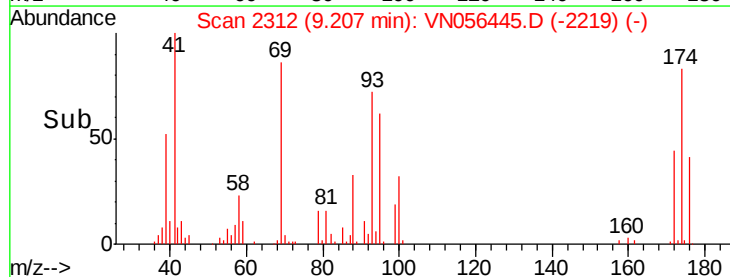
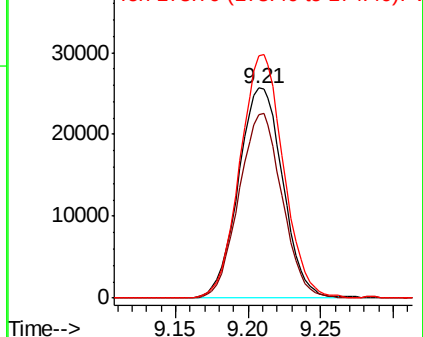


#46
 Dibromomethane
 Concen: 20.804 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Tgt Ion: 93 Resp: 54690
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.2 99.2
 174 113.4 90.8 136.2



Abundance Ion 92.80 (92.50 to 93.50): VN0
 Ion 94.80 (94.50 to 95.50): VN0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.536 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

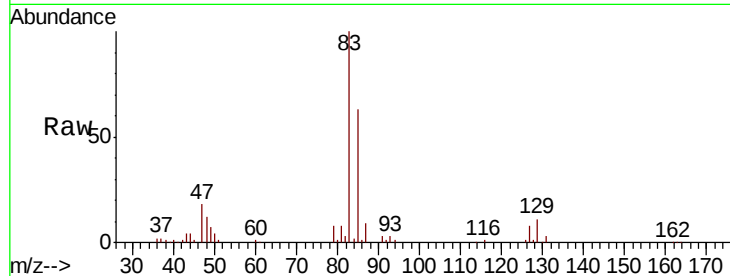
Tot Ion: 83 Resp: 100413

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.4

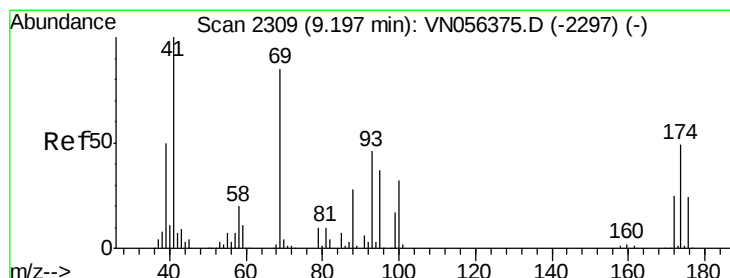
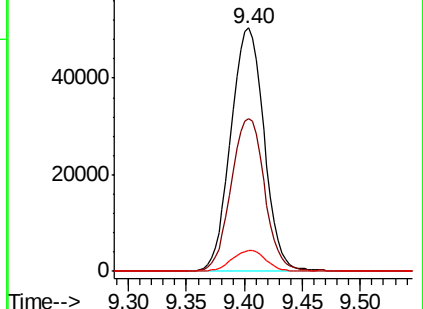
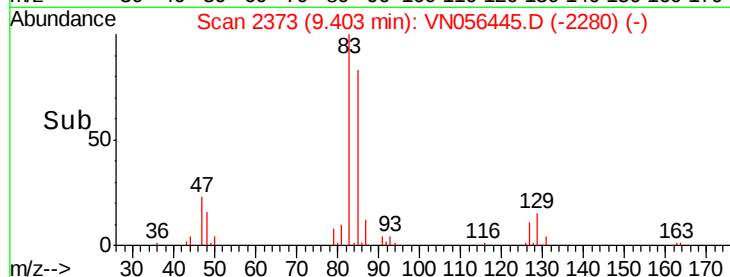
127 8.5 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.380 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

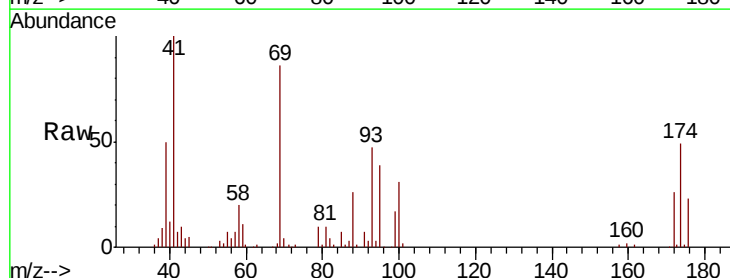
Tgt Ion: 41 Resp: 79049

Ion Ratio Lower Upper

41 100

69 91.2 72.6 109.0

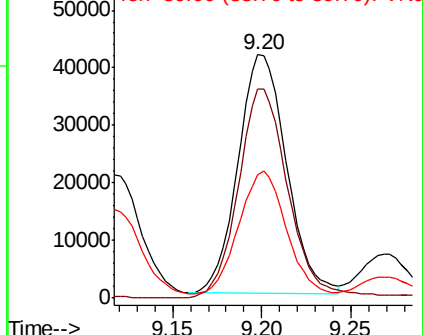
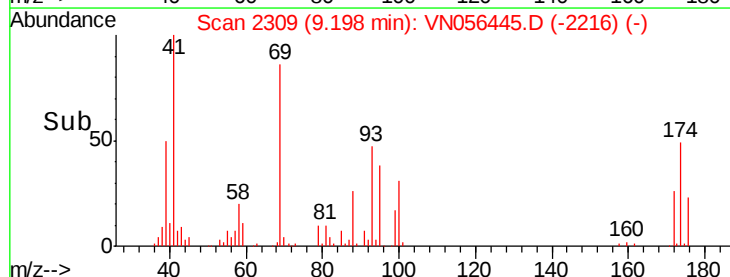
39 53.1 42.6 63.8

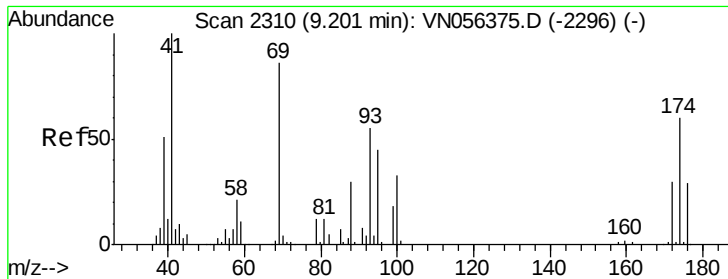


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 415.610 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

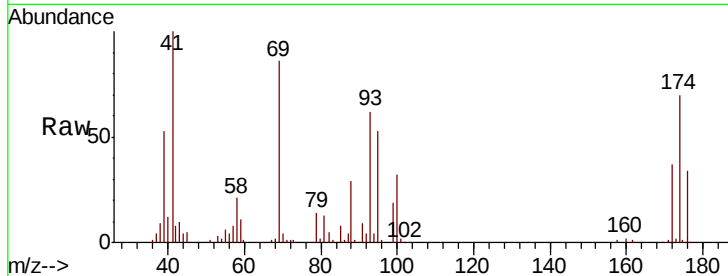
Tot Ion: 88 Resp: 33454

Ion Ratio Lower Upper

88 100

43 27.8 22.0 33.0

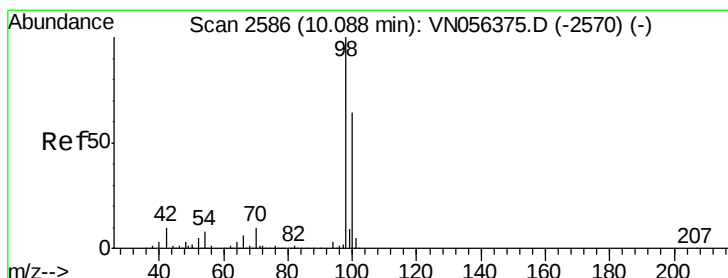
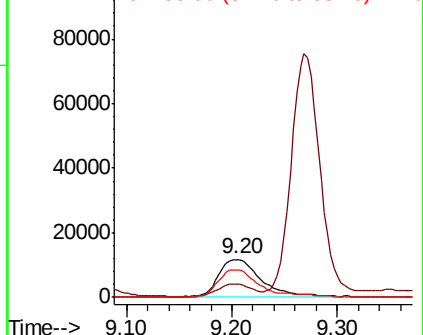
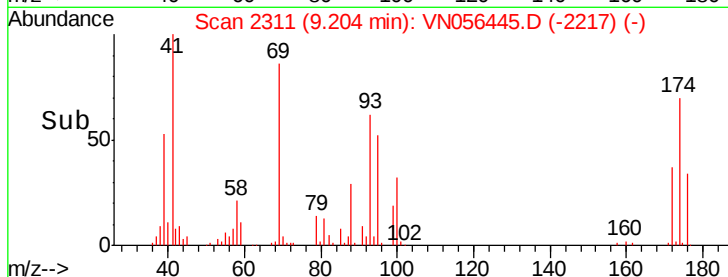
58 72.4 51.8 77.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.645 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056445.D

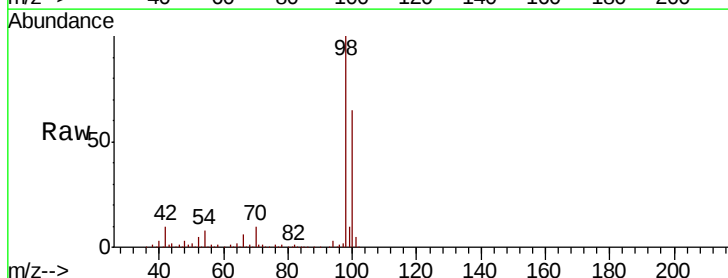
Acq: 24 Jun 2019 11:04

Tgt Ion: 98 Resp: 685243

Ion Ratio Lower Upper

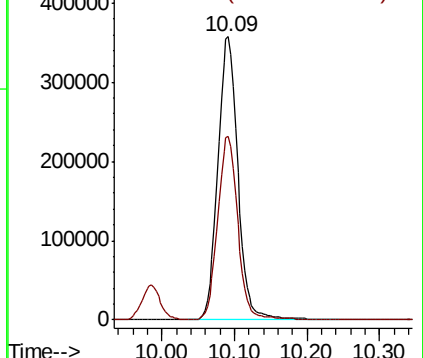
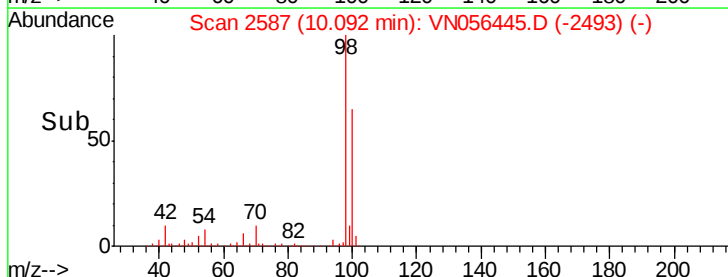
98 100

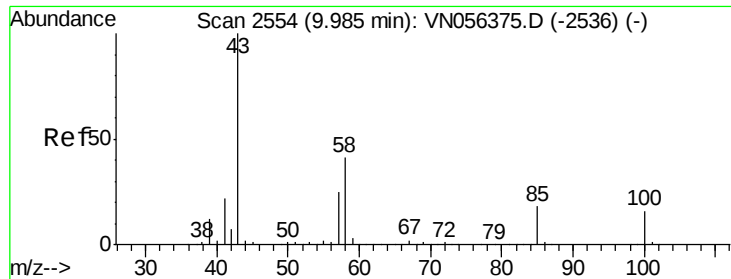
100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 105.073 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

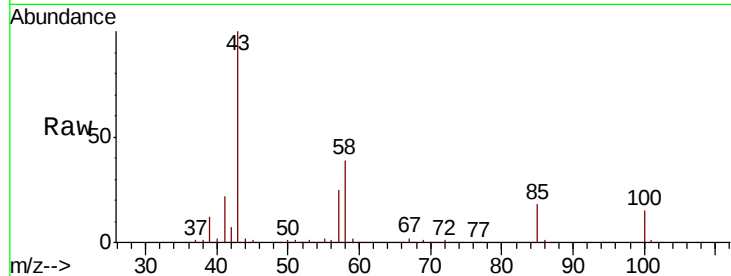
VN0624WBS01

Tot Ion: 43 Resp: 524930

Ion Ratio Lower Upper

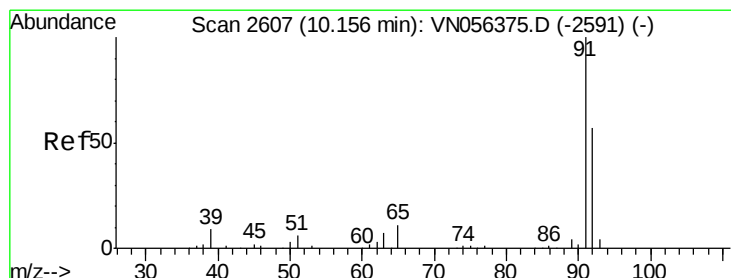
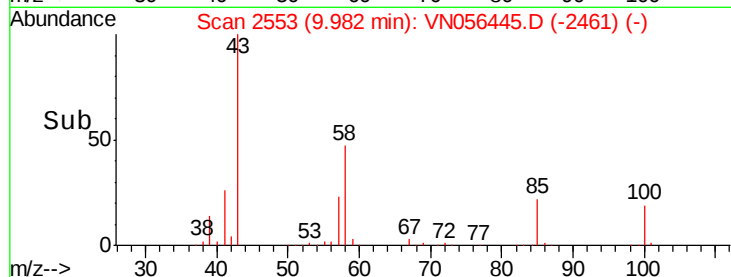
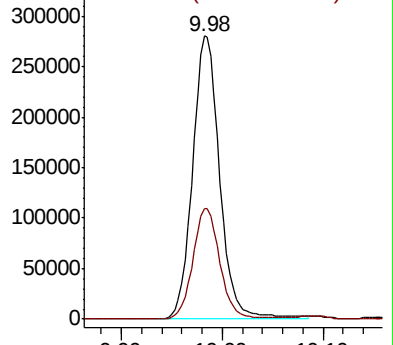
43 100

58 39.2 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.136 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056445.D

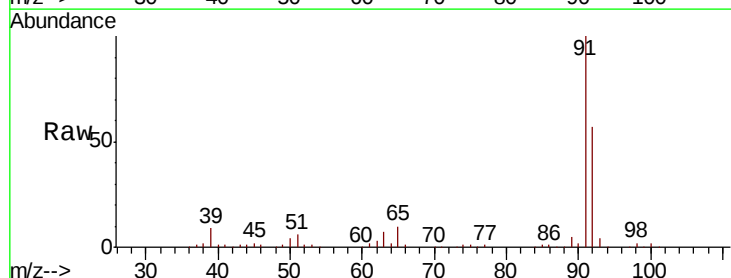
Acq: 24 Jun 2019 11:04

Tgt Ion: 92 Resp: 193421

Ion Ratio Lower Upper

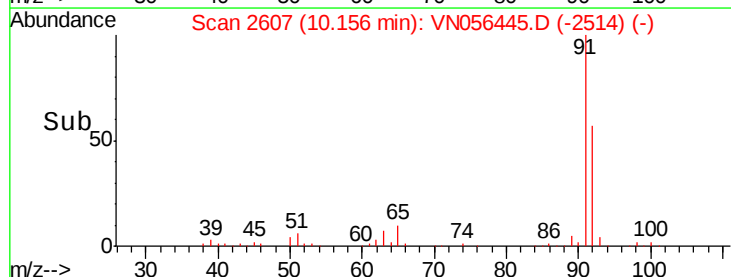
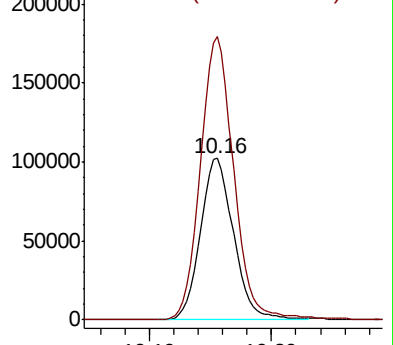
92 100

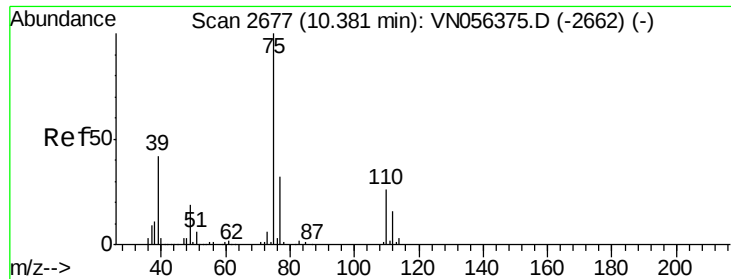
91 176.2 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 20.241 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampled :

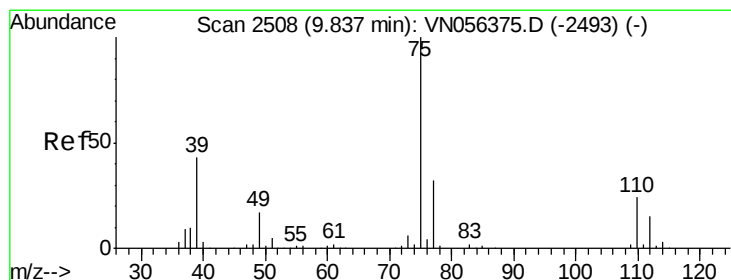
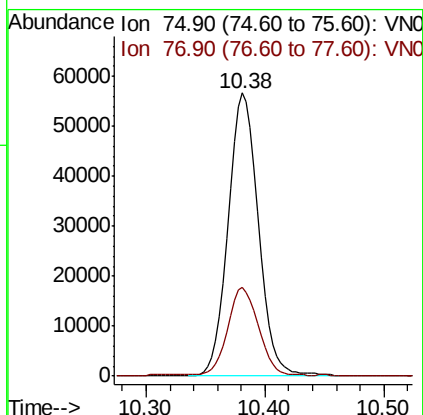
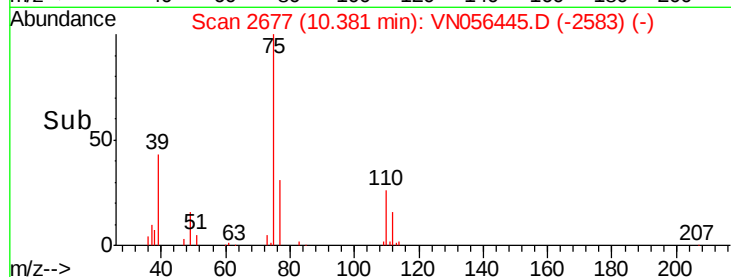
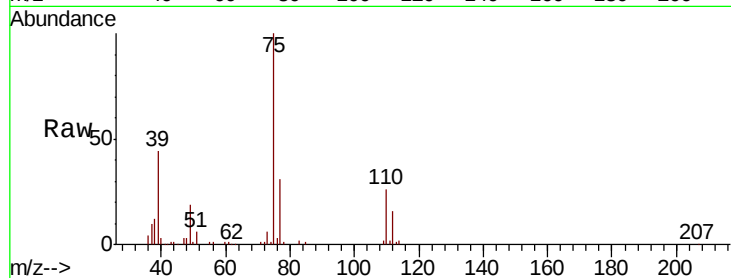
VN0624WBS01

Tot Ion: 75 Resp: 99996

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.326 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

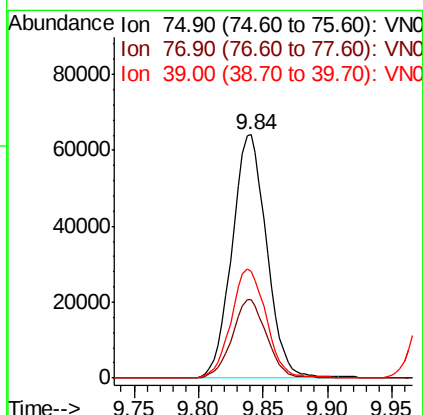
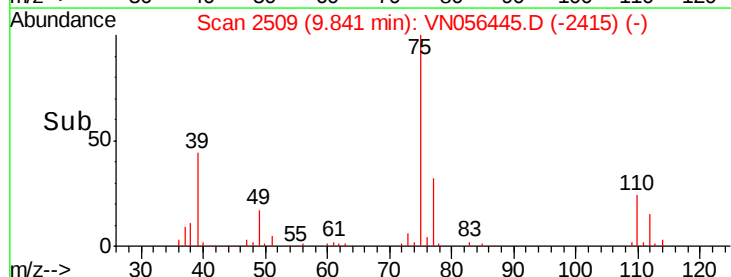
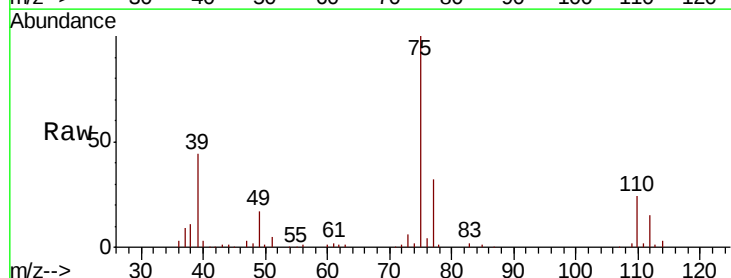
Tgt Ion: 75 Resp: 119739

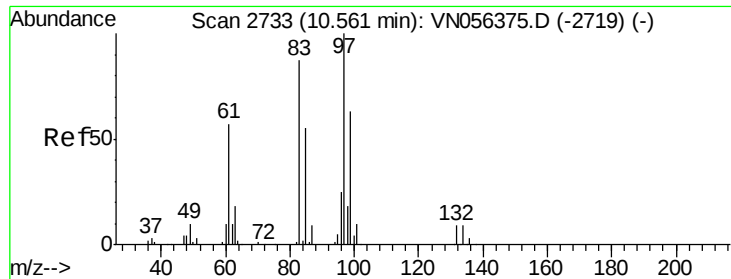
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

39 44.1 34.2 51.4





#55

1,1,2-Trichloroethane

Concen: 20.636 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tot Ion: 97 Resp: 79680

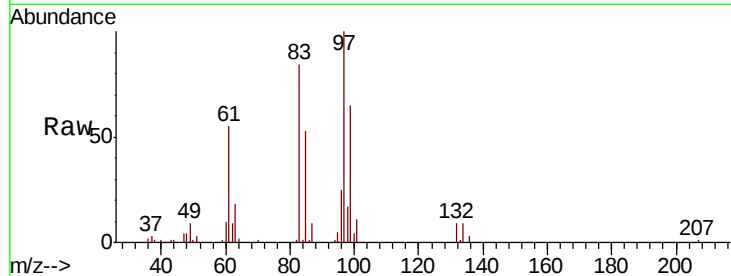
Ion Ratio Lower Upper

97 100

83 84.2 69.8 104.6

85 52.7 43.8 65.8

99 64.6 50.2 75.2

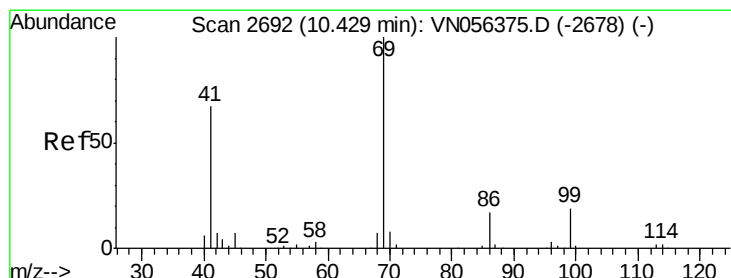
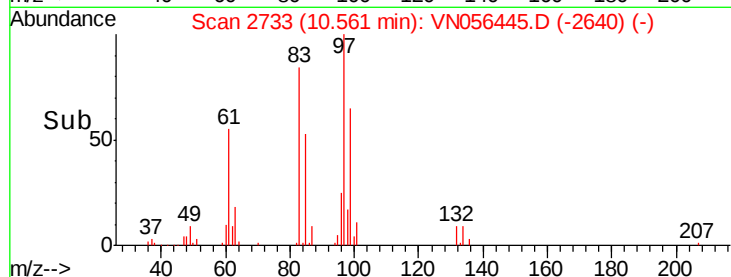
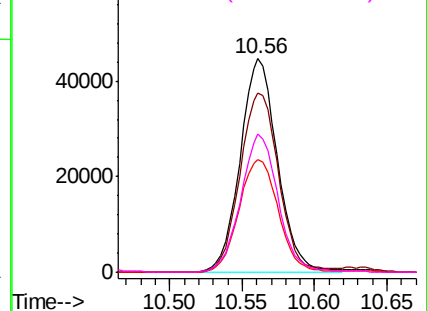


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.800 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

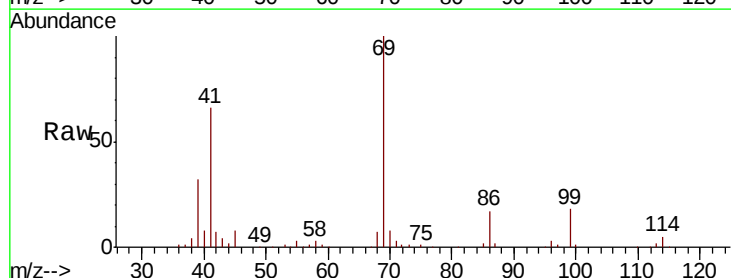
Tgt Ion: 69 Resp: 117368

Ion Ratio Lower Upper

69 100

41 64.3 51.4 77.2

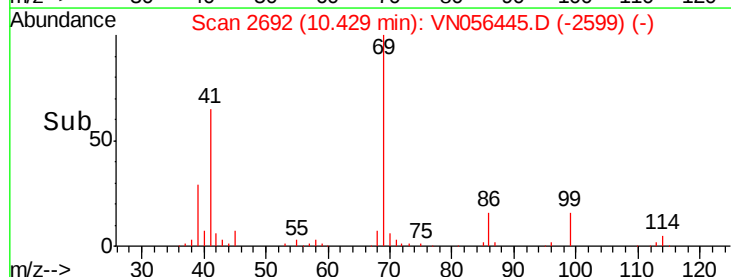
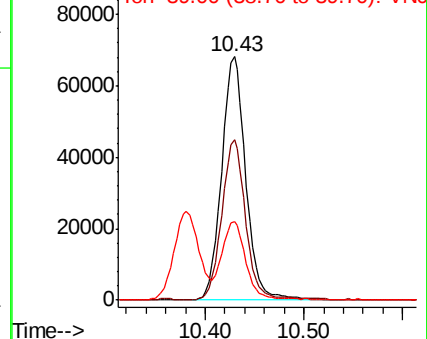
39 31.2 24.7 37.1

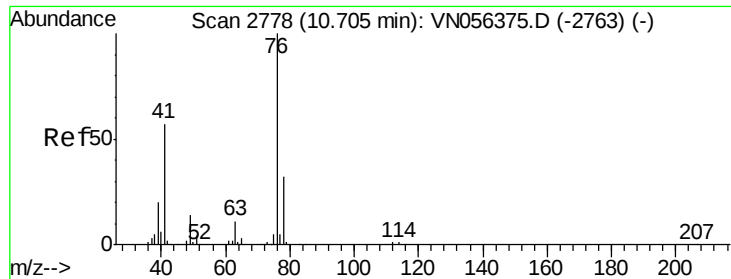


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.861 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampled :

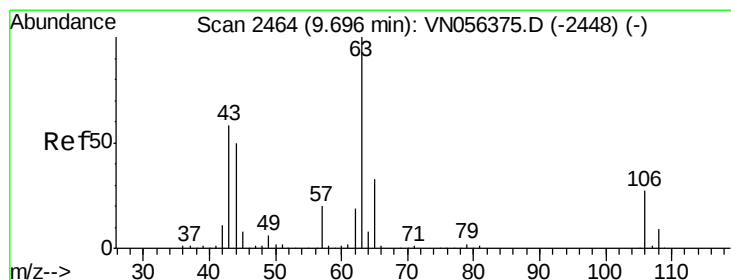
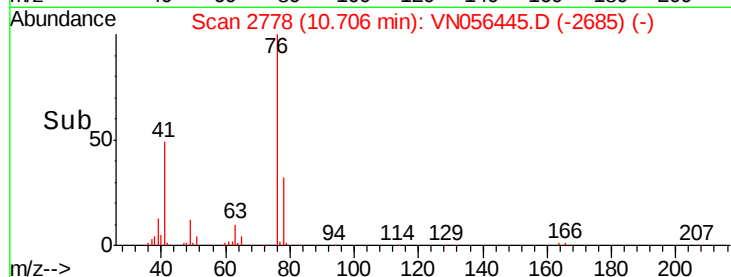
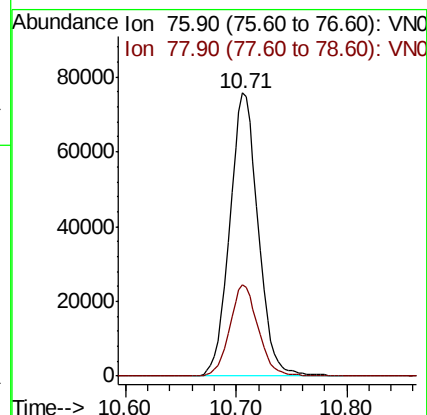
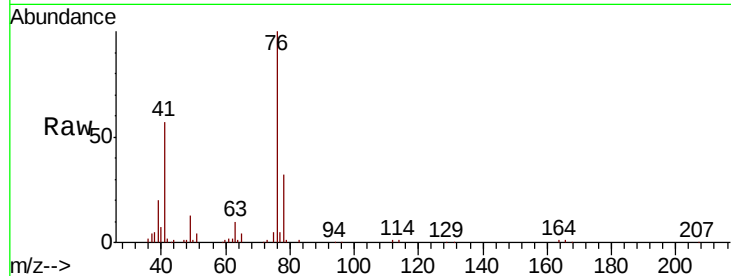
VN0624WBS01

Tot Ion: 76 Resp: 135315

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 84.723 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056445.D

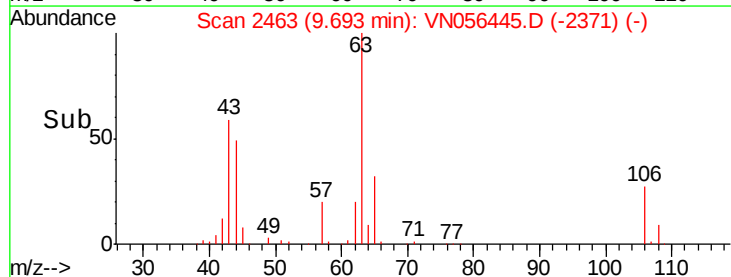
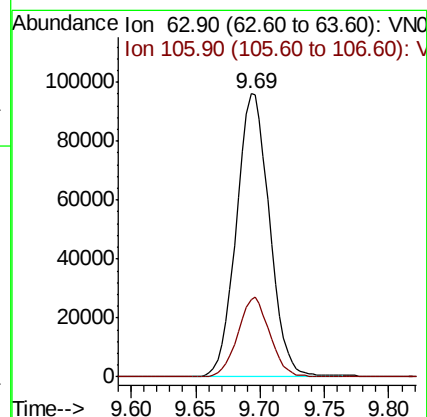
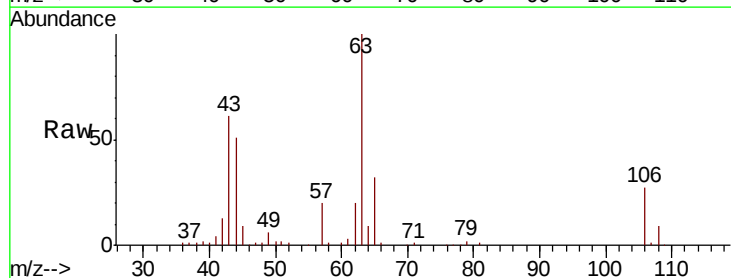
Acq: 24 Jun 2019 11:04

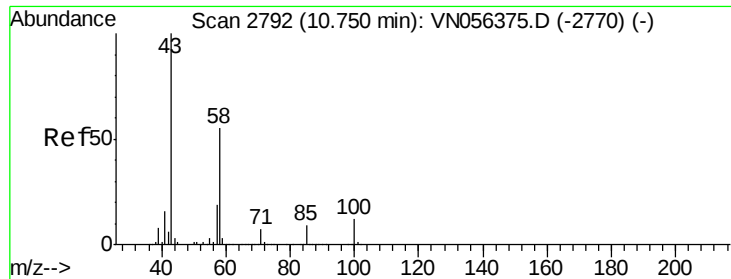
Tgt Ion: 63 Resp: 171749

Ion Ratio Lower Upper

63 100

106 27.1 21.6 32.4

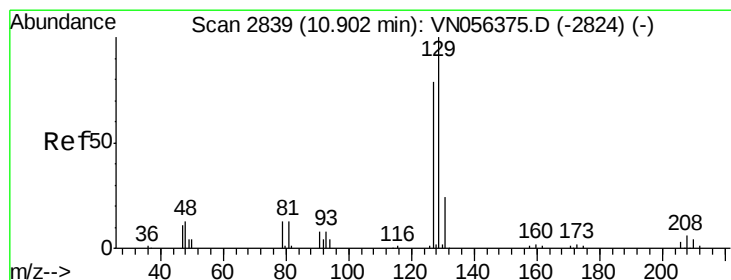
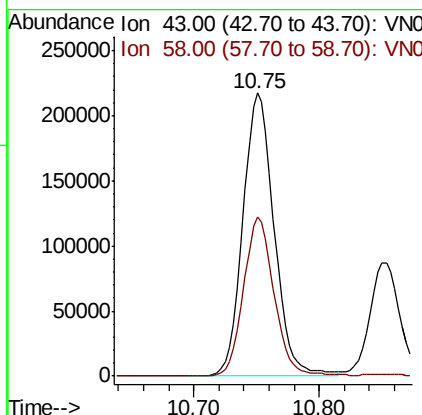
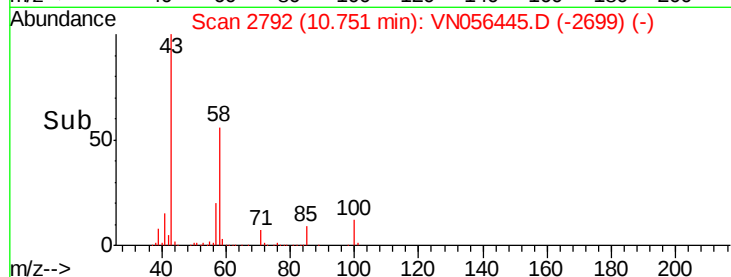
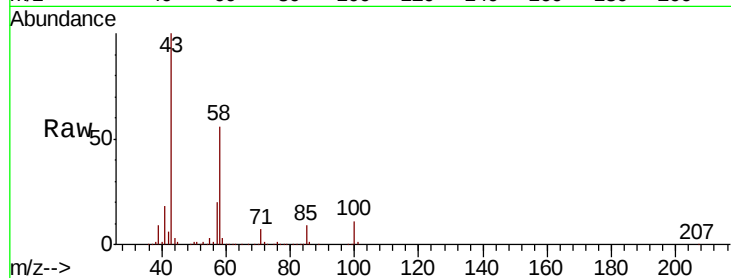




#59
2-Hexanone
Concen: 101.954 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

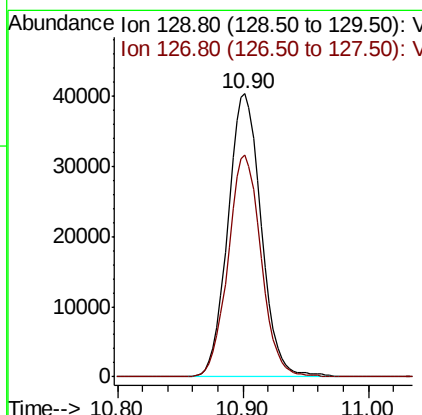
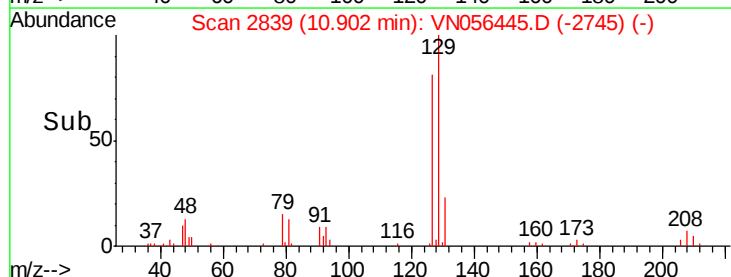
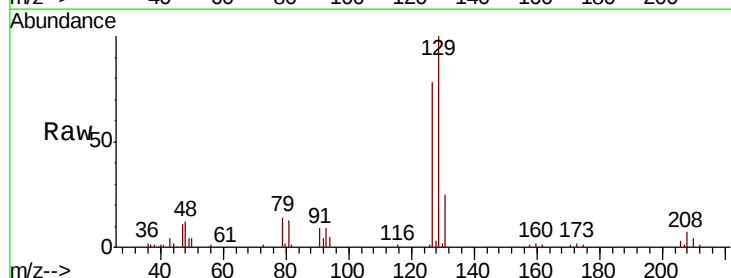
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

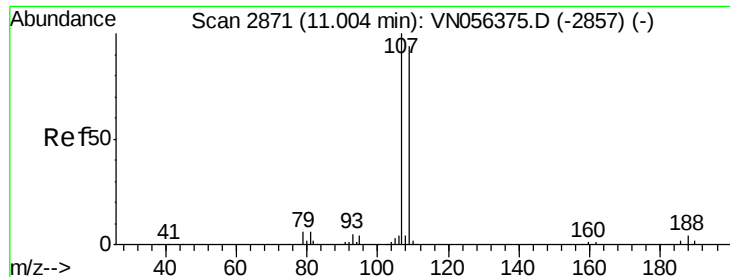
Tot Ion: 43 Resp: 374354
Ion Ratio Lower Upper
43 100
58 55.5 27.8 83.4



#60
Dibromochloromethane
Concen: 20.235 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 129 Resp: 74397
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.674 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

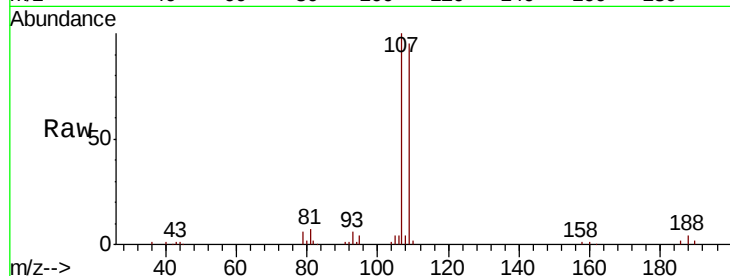
VN0624WBS01

Tot Ion:107 Resp: 81531

Ion Ratio Lower Upper

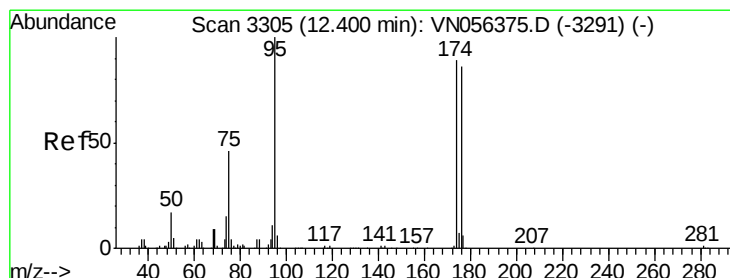
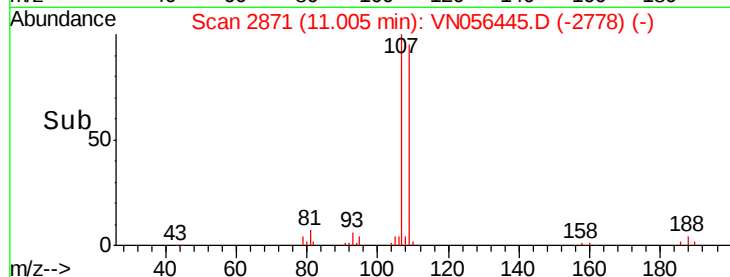
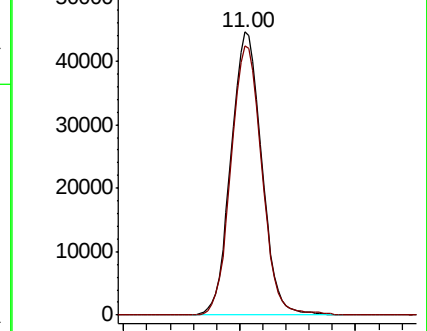
107 100

109 95.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.070 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

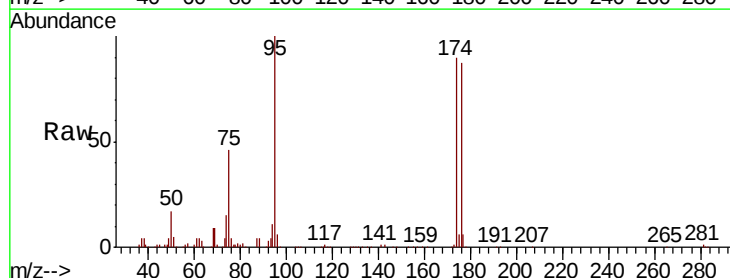
Tgt Ion: 95 Resp: 225732

Ion Ratio Lower Upper

95 100

174 89.8 0.0 179.4

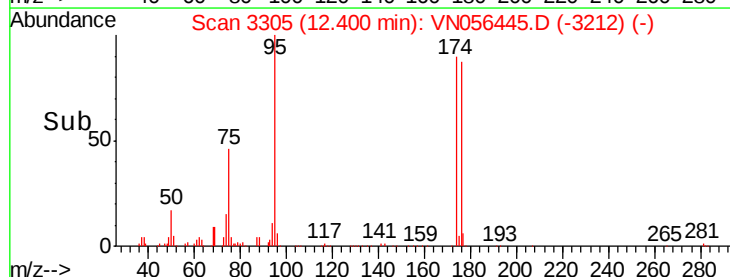
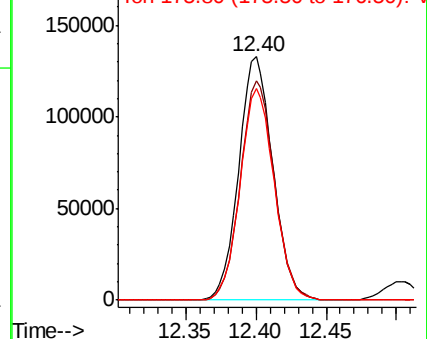
176 87.1 0.0 173.4

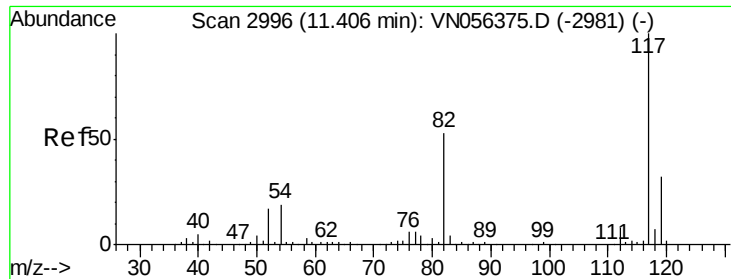


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

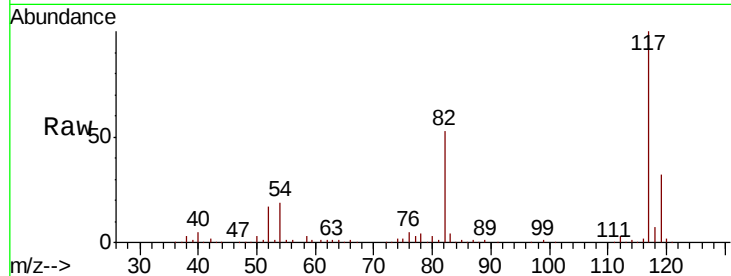




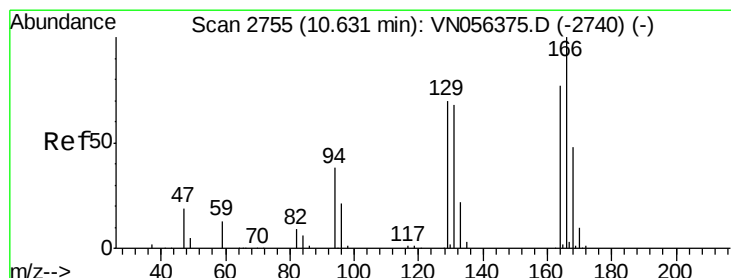
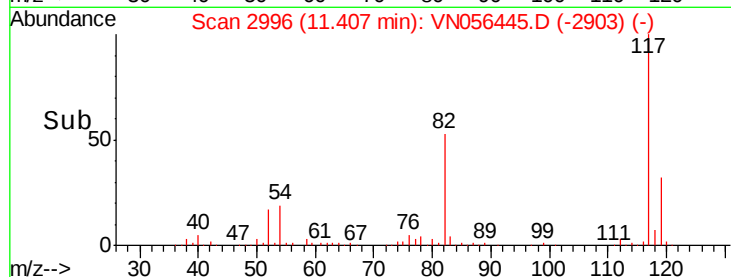
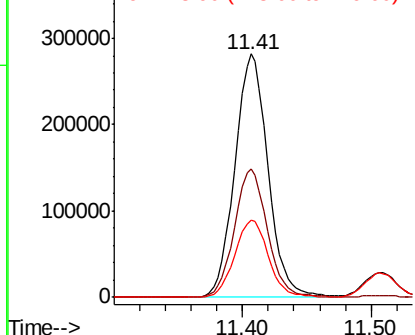
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tot Ion:117 Resp: 502562
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 31.9 25.3 37.9

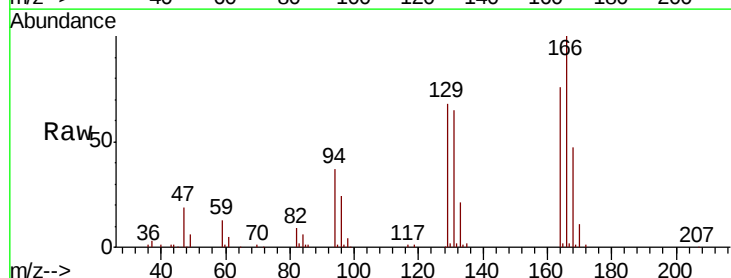


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

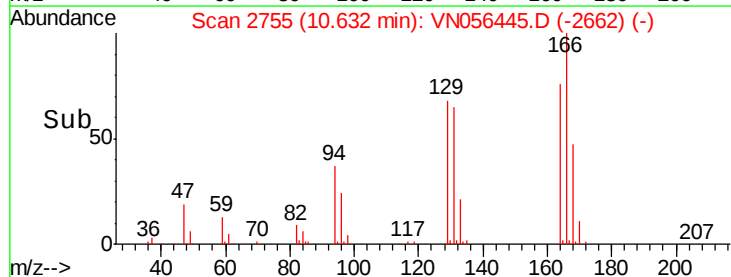
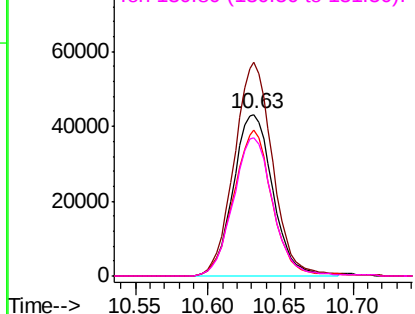


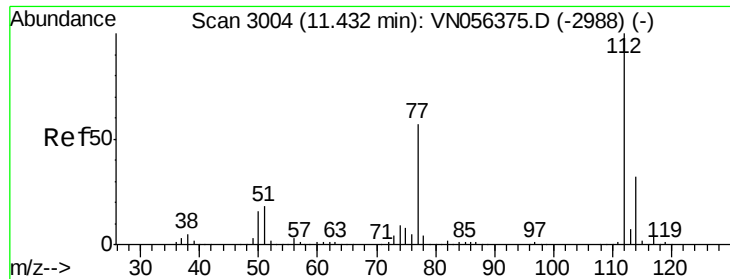
#64
Tetrachloroethene
Concen: 20.561 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion:164 Resp: 81829
Ion Ratio Lower Upper
164 100
166 132.4 103.4 155.0
129 90.6 72.0 108.0
131 86.1 70.2 105.2



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

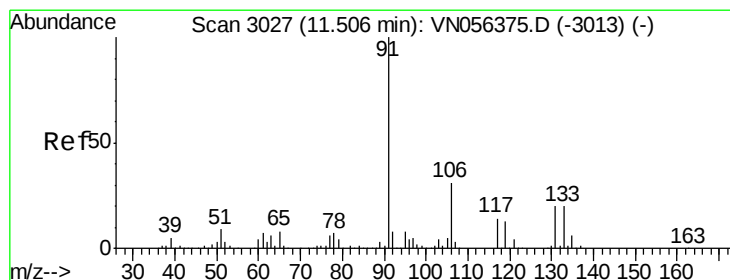
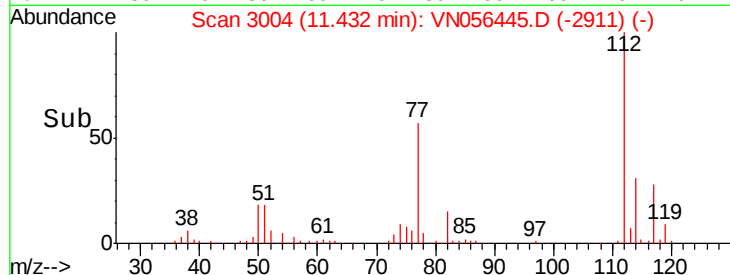
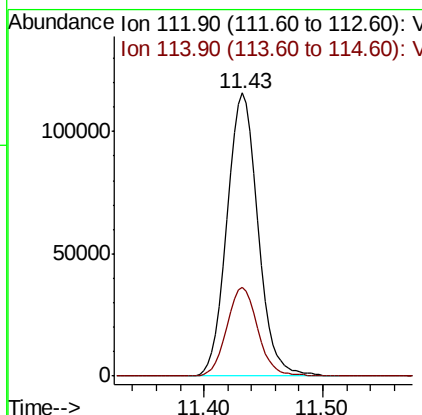
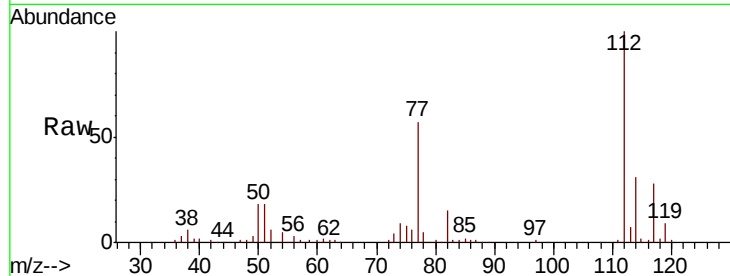




#65
Chlorobenzene
Concen: 20.715 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

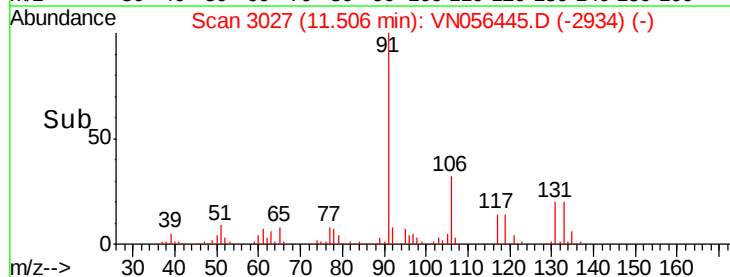
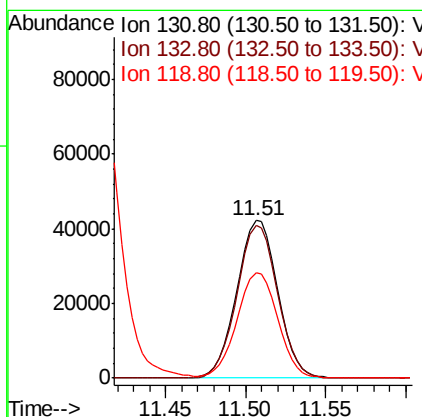
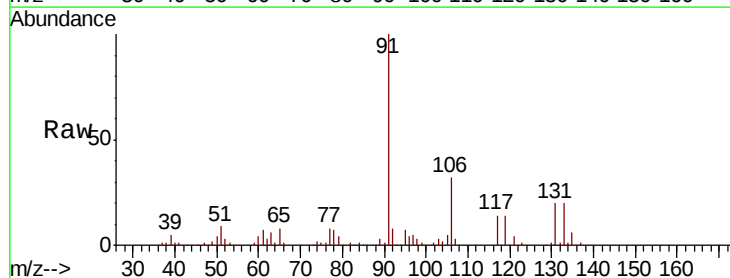
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

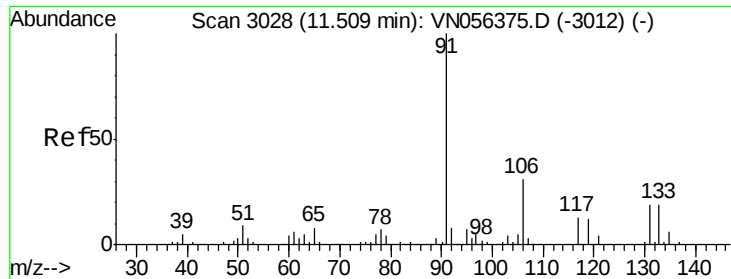
Tot Ion:112 Resp: 209187
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.637 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion:131 Resp: 73846
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.2
119 66.9 32.8 98.4

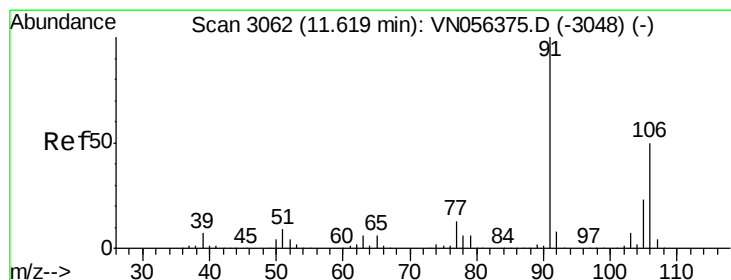
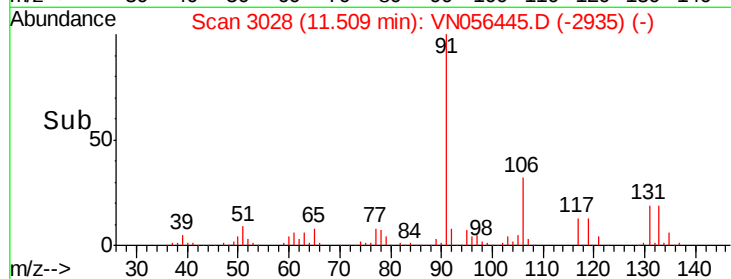
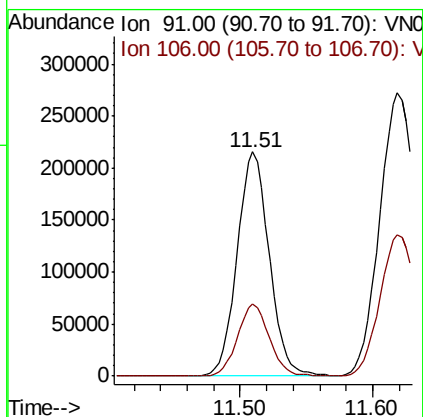
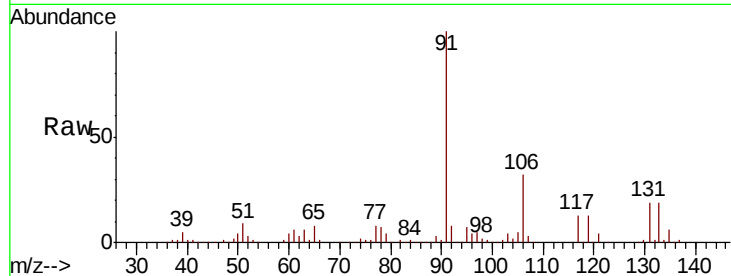




#67
Ethyl Benzene
Concen: 20.486 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

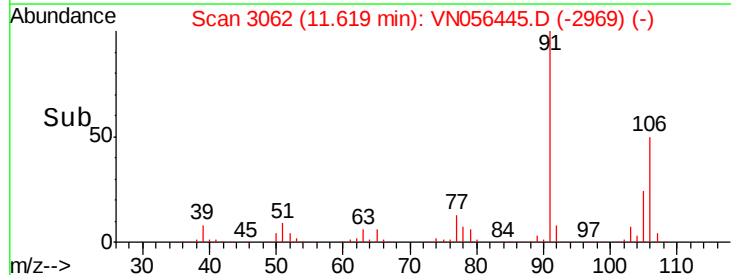
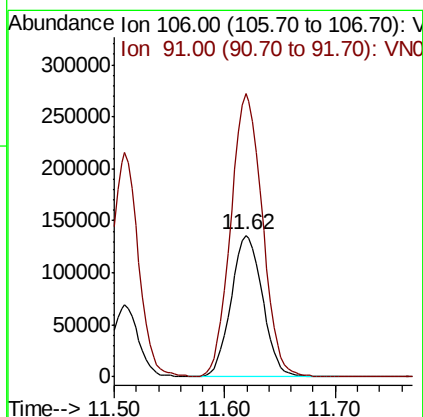
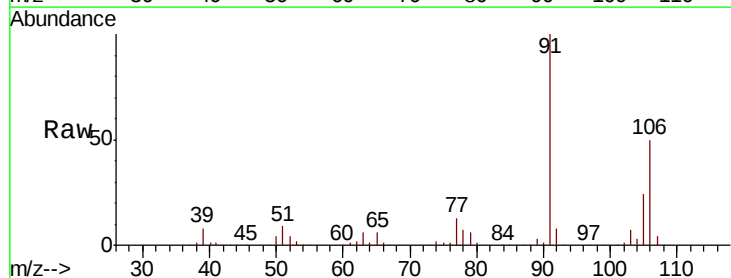
Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

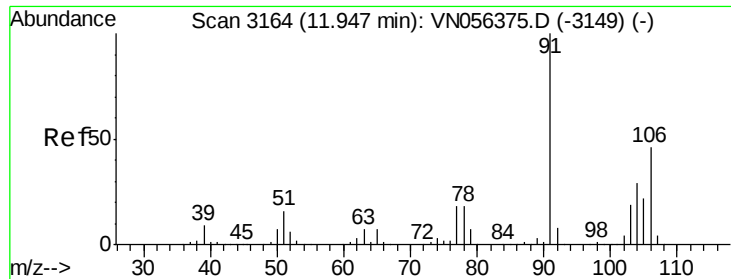
Tot Ion: 91 Resp: 363244
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7



#68
m/p-Xylenes
Concen: 41.572 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion: 106 Resp: 270138
Ion Ratio Lower Upper
106 100
91 200.2 160.1 240.1

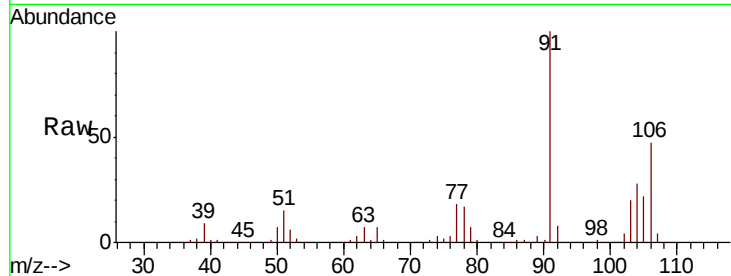




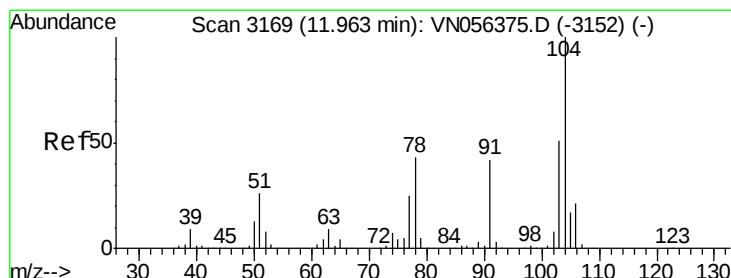
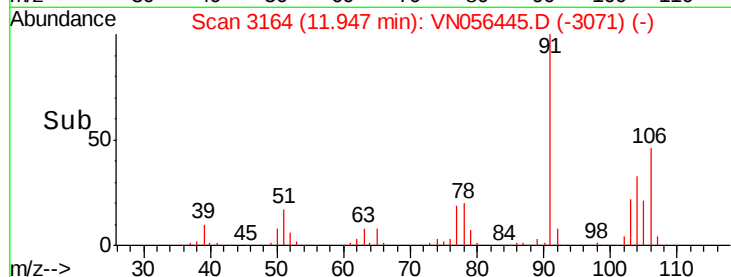
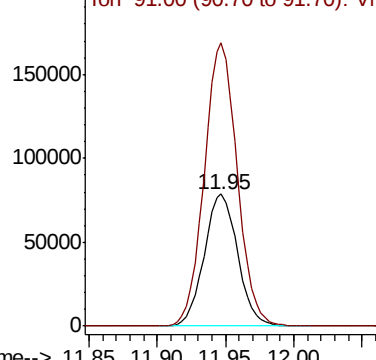
#69
o-Xylene
Concen: 20.832 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Instrument :
MSVOA_N
ClientSampled :
VN0624WBS01

Tot Ion:106 Resp: 133924
Ion Ratio Lower Upper
106 100
91 210.9 107.1 321.3

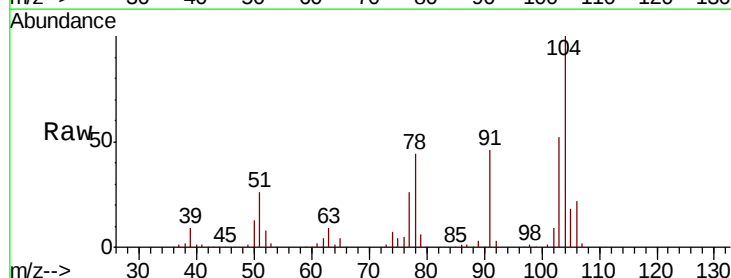


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

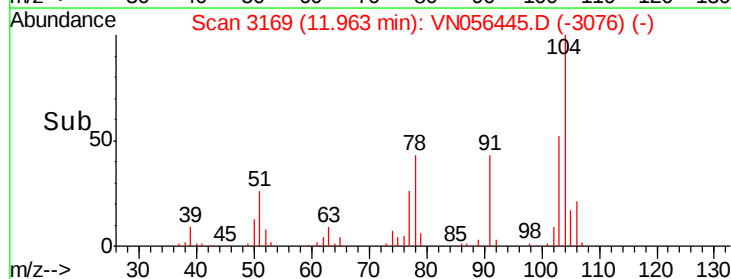
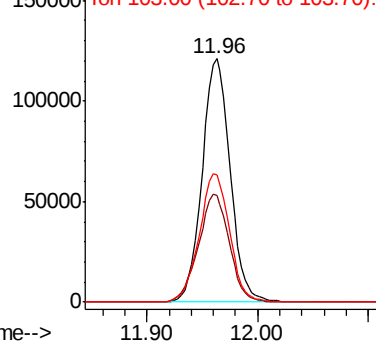


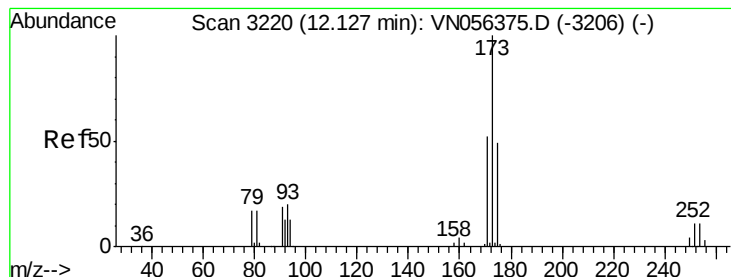
#70
Styrene
Concen: 20.768 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056445.D
Acq: 24 Jun 2019 11:04

Tgt Ion:104 Resp: 213408
Ion Ratio Lower Upper
104 100
78 48.7 38.6 57.8
103 56.9 43.9 65.9



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





#71

Bromoform

Concen: 20.191 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

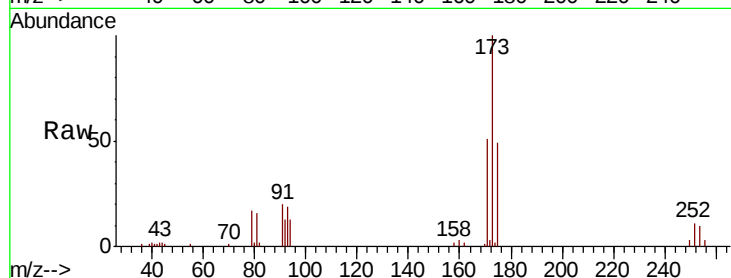
Tot Ion:173 Resp: 50088

Ion Ratio Lower Upper

173 100

175 49.3 24.4 73.4

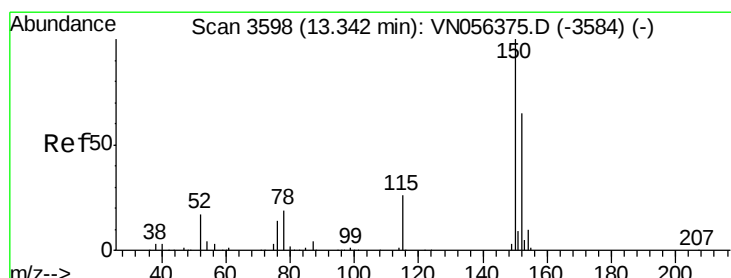
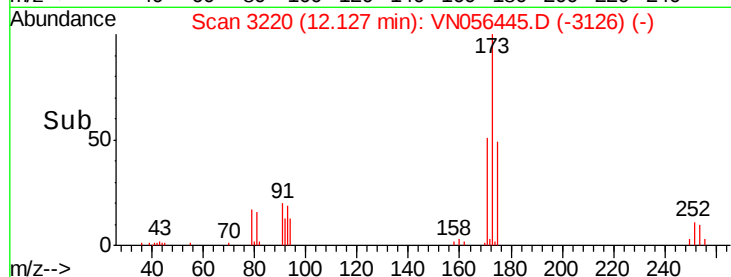
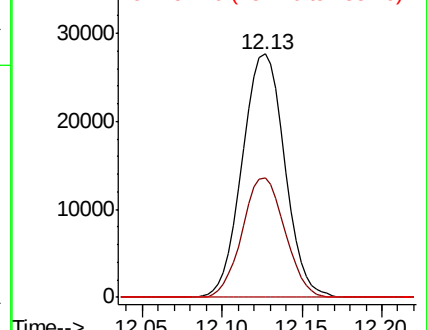
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

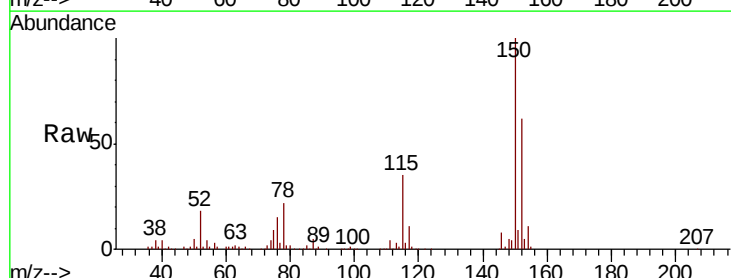
Tgt Ion:152 Resp: 189588

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.4

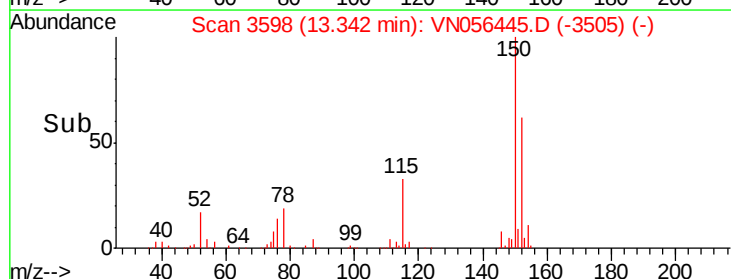
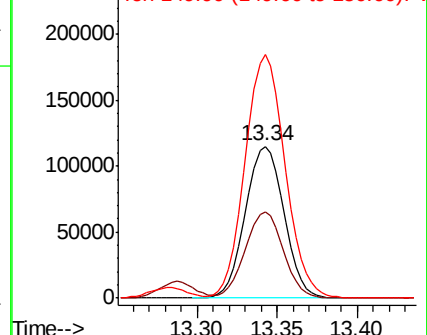
150 166.8 0.0 348.4

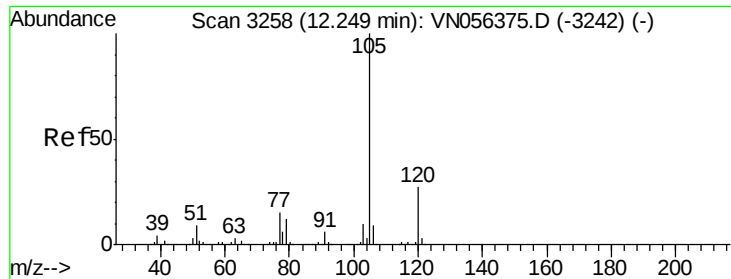


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.357 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

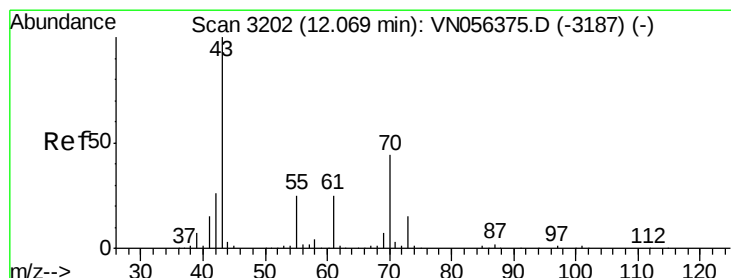
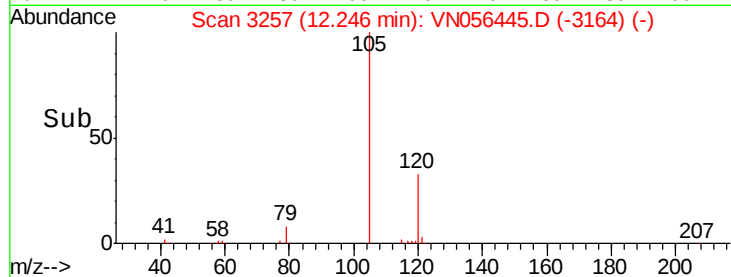
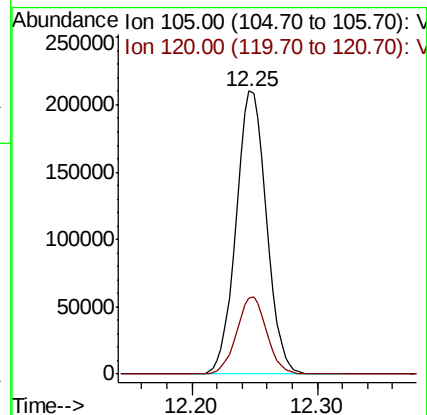
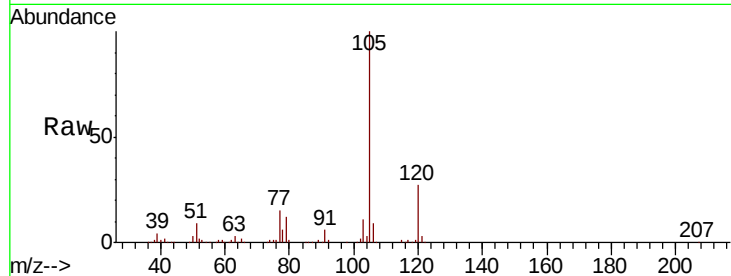
VN0624WBS01

Tot Ion:105 Resp: 352995

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 21.322 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Tgt Ion: 43 Resp: 128653

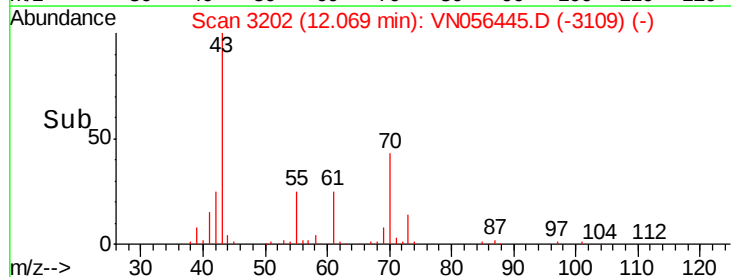
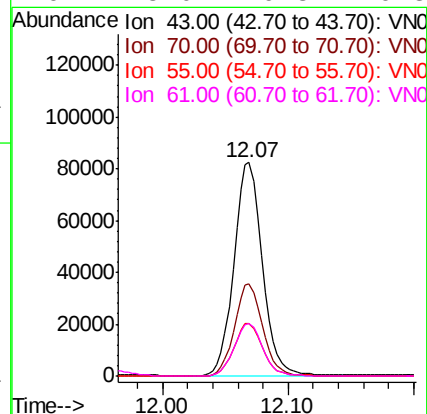
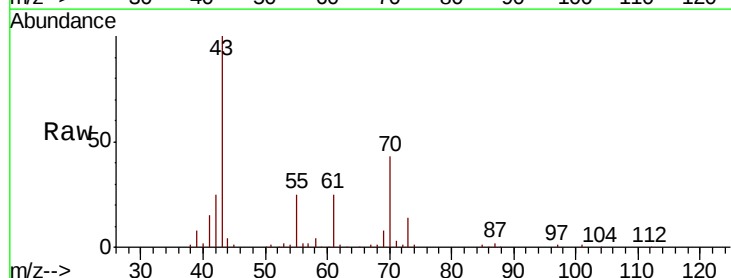
Ion Ratio Lower Upper

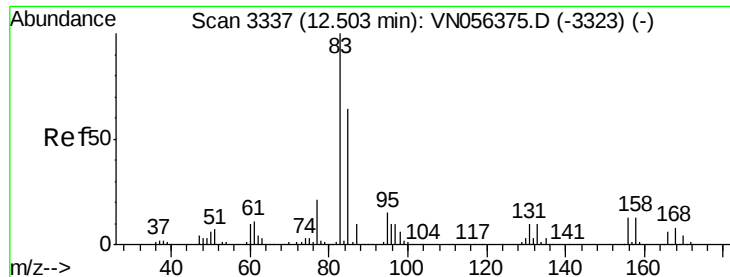
43 100

70 42.9 34.9 52.3

55 25.3 20.4 30.6

61 25.0 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.798 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

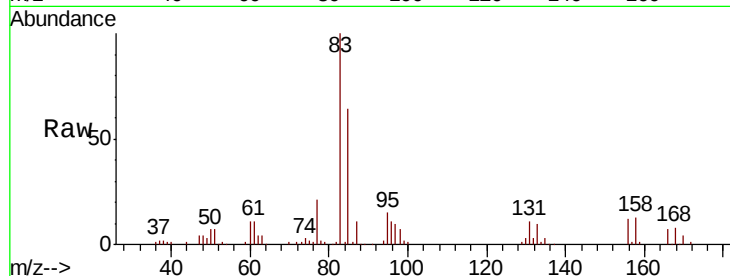
Tot Ion: 83 Resp: 112016

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

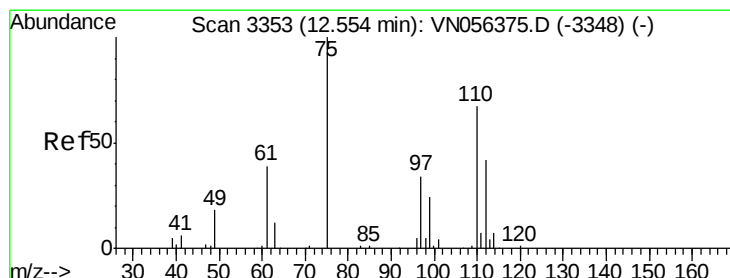
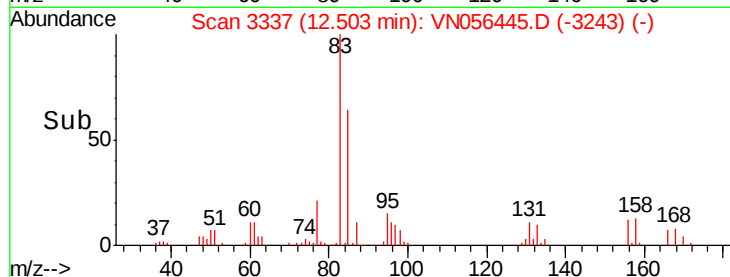
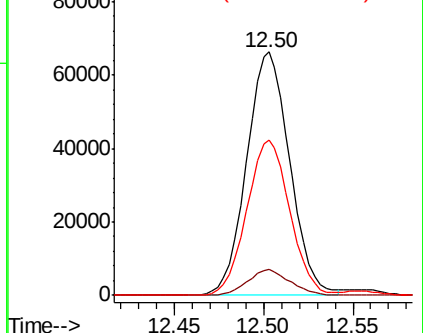
85 63.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.605 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056445.D

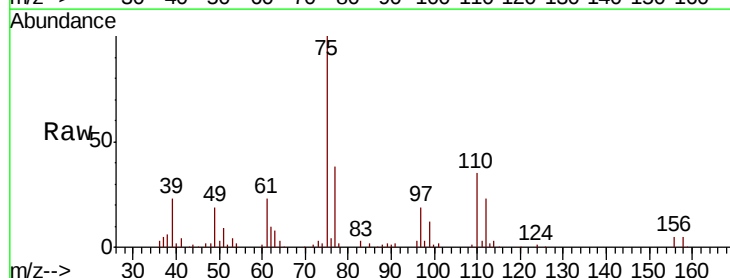
Acq: 24 Jun 2019 11:04

Tgt Ion: 75 Resp: 128175

Ion Ratio Lower Upper

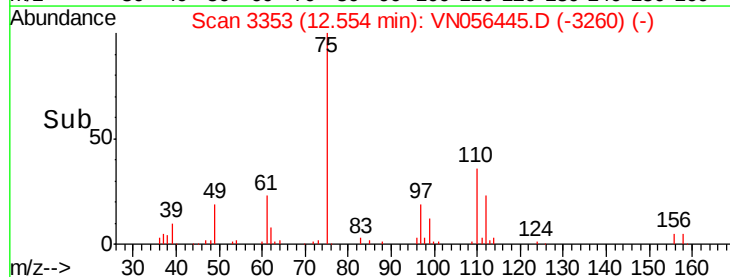
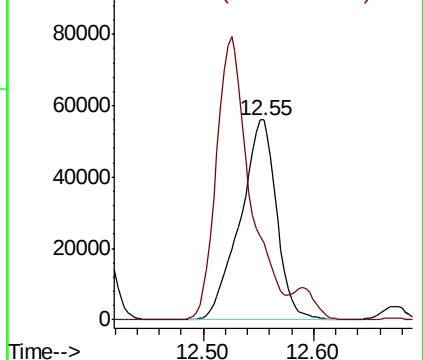
75 100

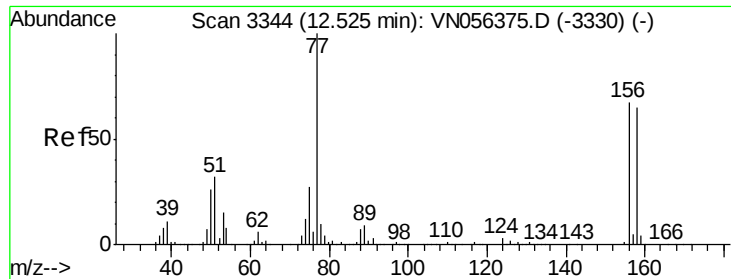
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.452 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampled :

VN0624WBS01

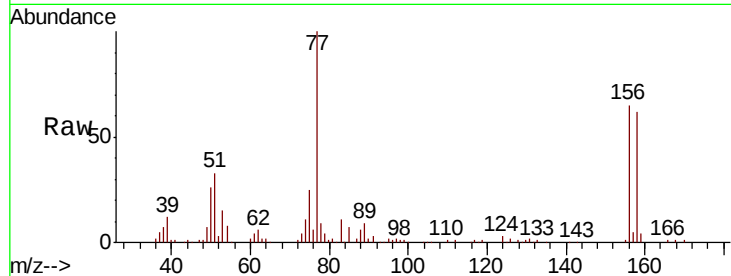
Tot Ion:156 Resp: 90938

Ion Ratio Lower Upper

156 100

77 186.0 92.5 277.3

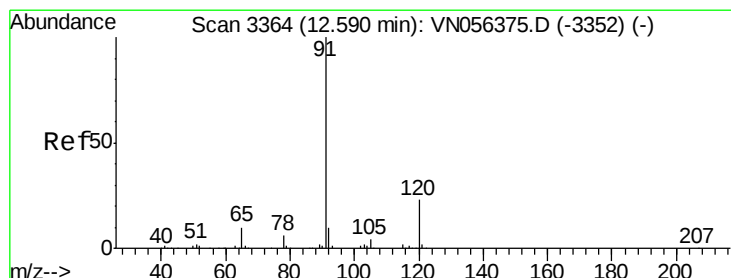
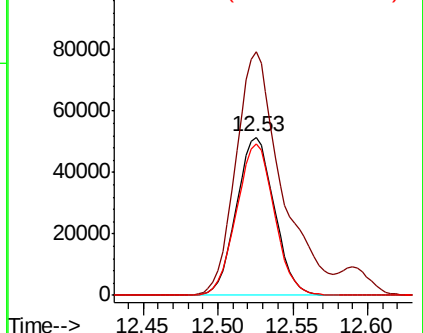
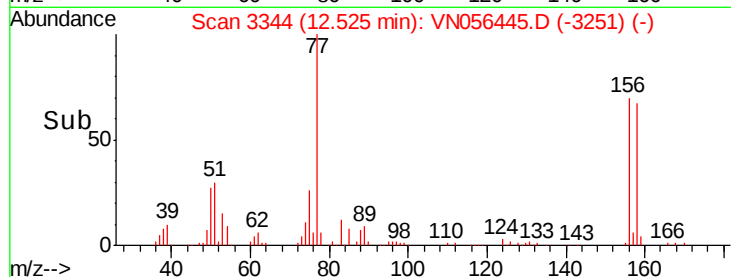
158 95.7 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.191 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056445.D

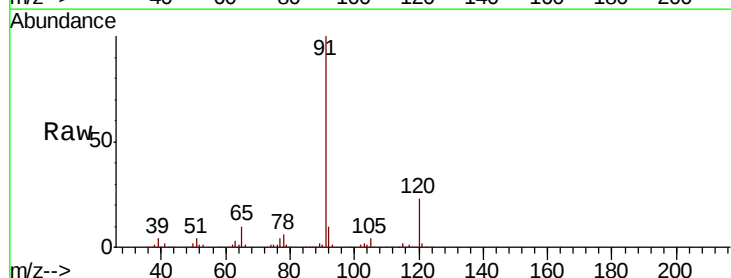
Acq: 24 Jun 2019 11:04

Tgt Ion: 91 Resp: 367913

Ion Ratio Lower Upper

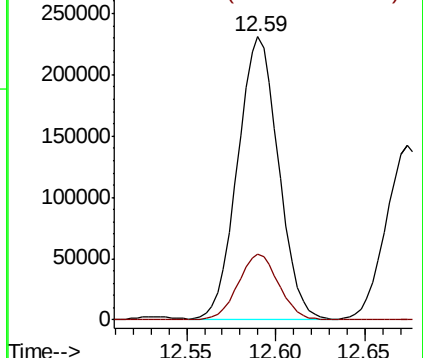
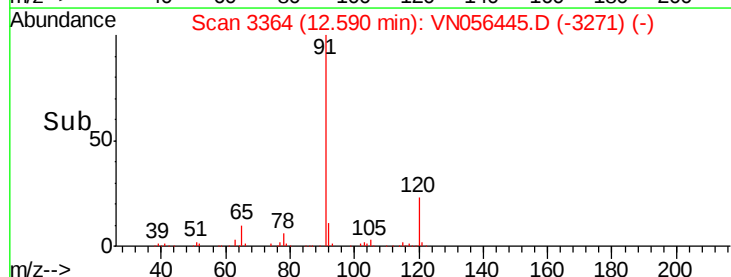
91 100

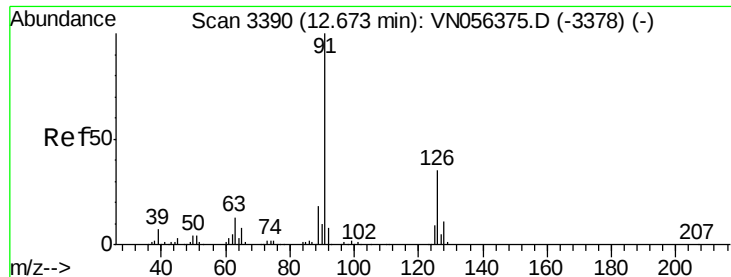
120 23.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.175 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampled :

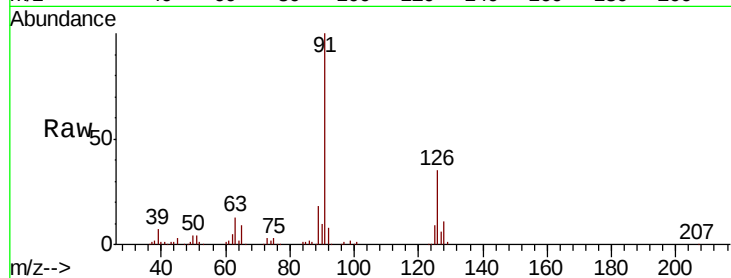
VN0624WBS01

Tot Ion: 91 Resp: 233552

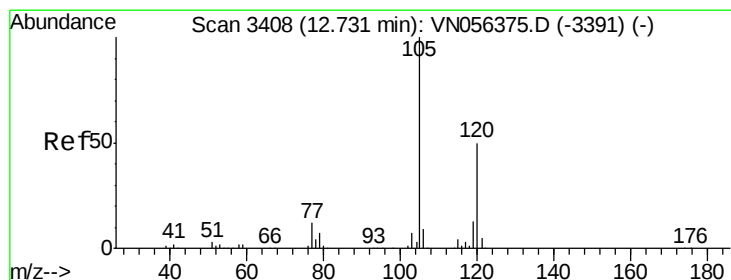
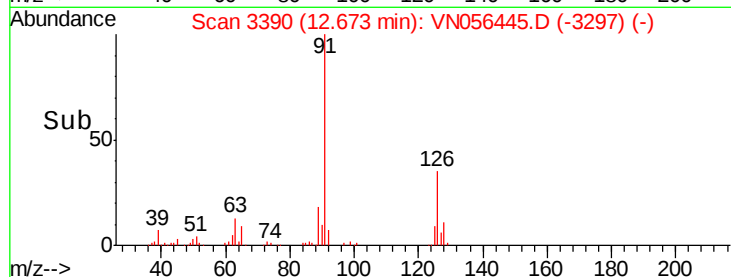
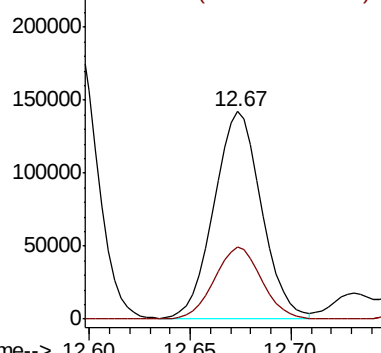
Ion Ratio Lower Upper

91 100

126 34.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.670 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056445.D

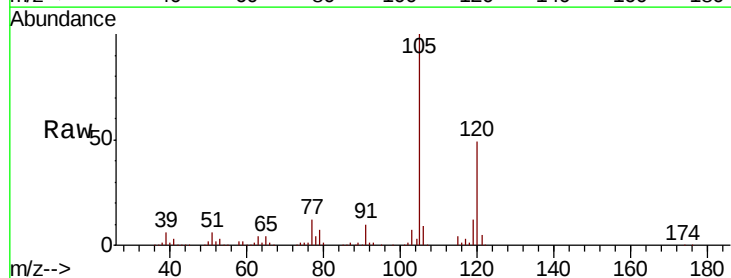
Acq: 24 Jun 2019 11:04

Tgt Ion:105 Resp: 285224

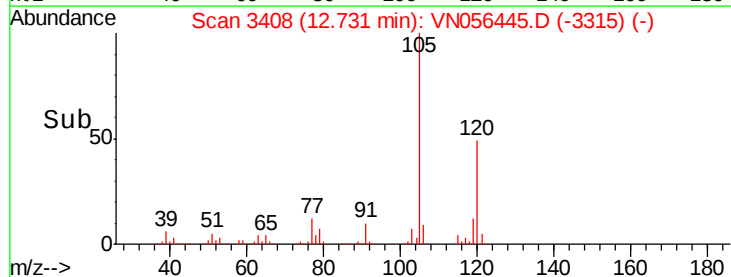
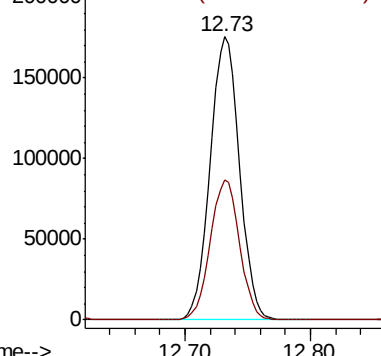
Ion Ratio Lower Upper

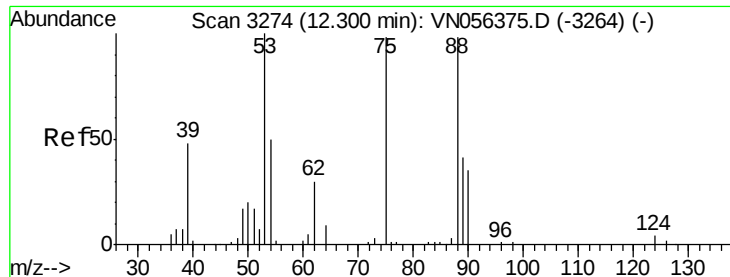
105 100

120 49.4 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056375.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.179 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

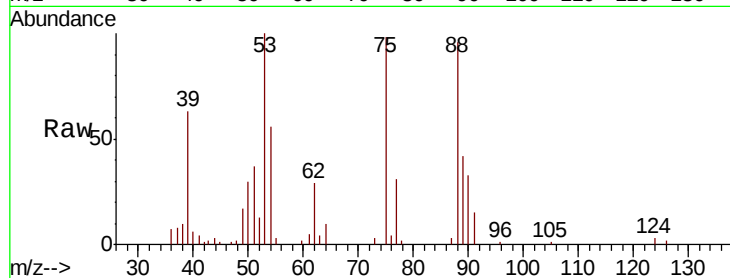
Tot Ion: 75 Resp: 24532

Ion Ratio Lower Upper

75 100

53 104.7 83.9 125.9

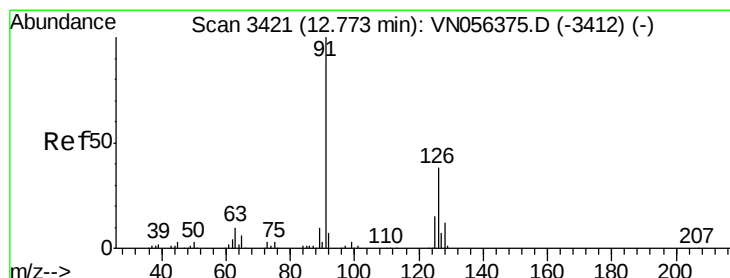
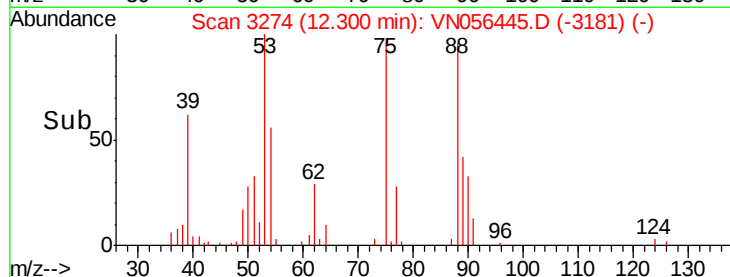
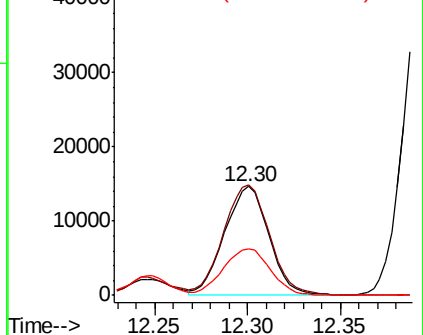
89 45.3 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.691 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056445.D

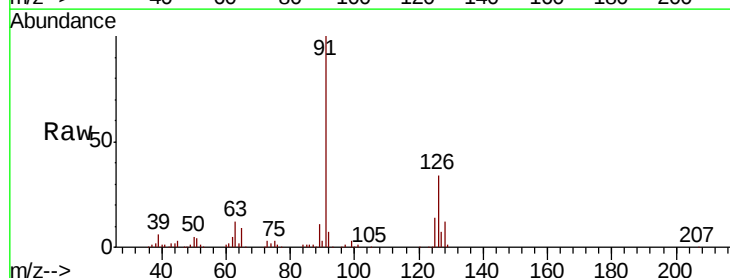
Acq: 24 Jun 2019 11:04

Tgt Ion: 91 Resp: 212106

Ion Ratio Lower Upper

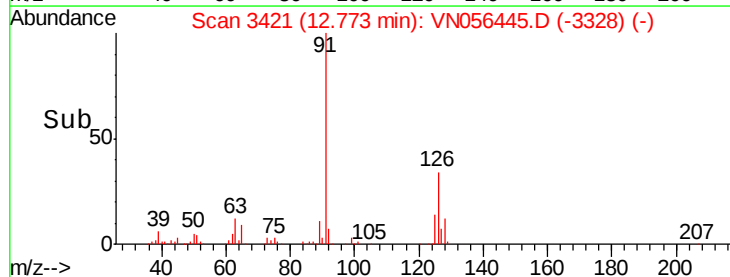
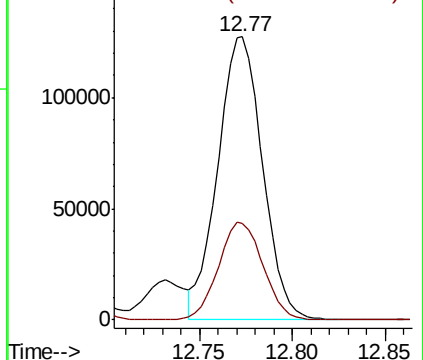
91 100

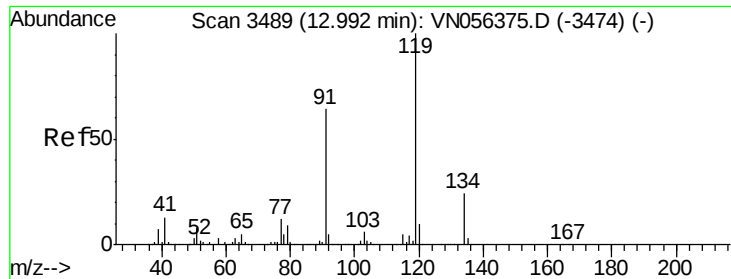
126 34.4 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

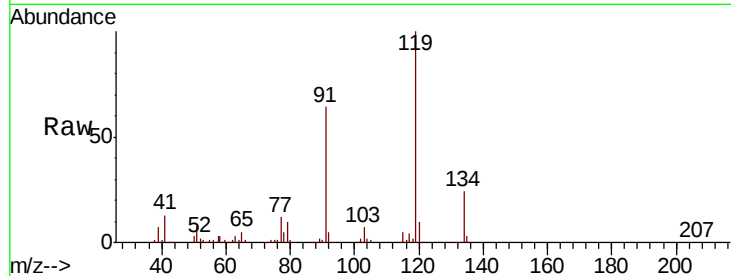




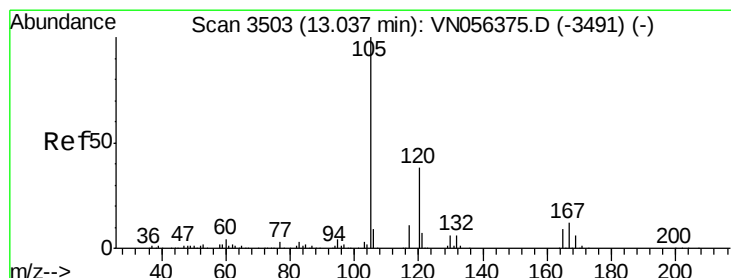
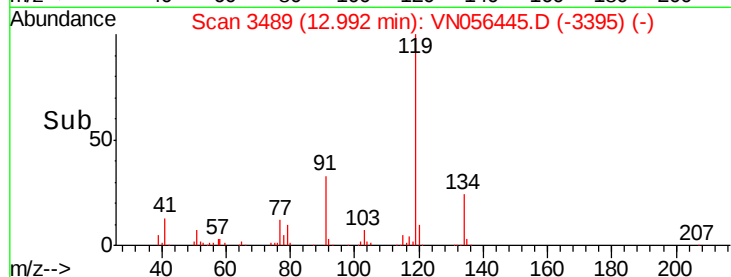
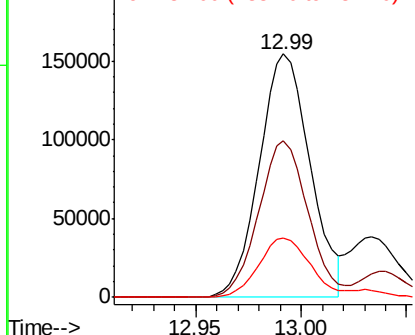
#83
 tert-Butylbenzene
 Concen: 23.456 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tot Ion:119 Resp: 259104
 Ion Ratio Lower Upper
 119 100
 91 62.4 31.6 94.7
 134 24.7 13.2 39.5

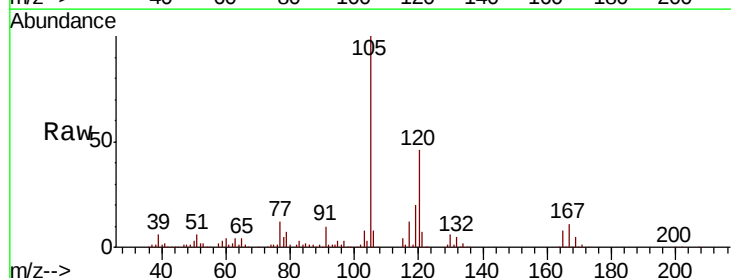


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

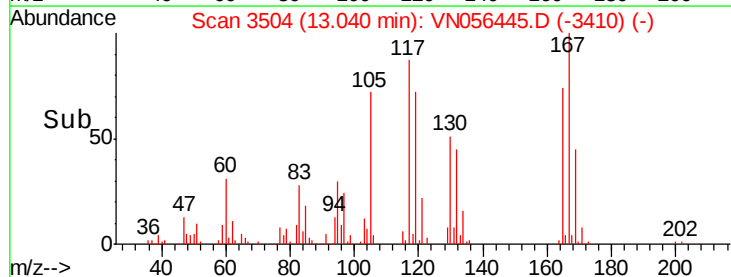
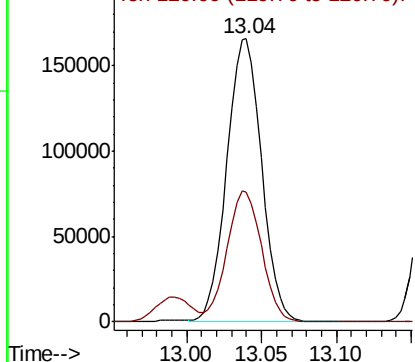


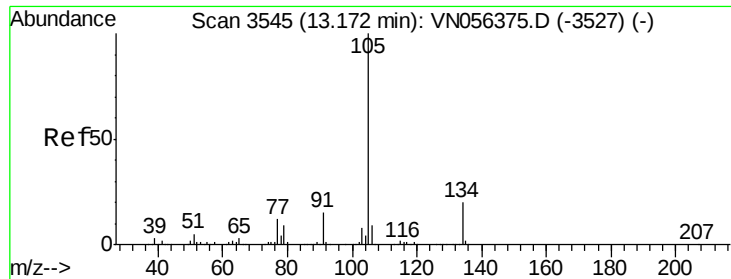
#84
 1,2,4-Trimethylbenzene
 Concen: 21.076 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Tgt Ion:105 Resp: 268998
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.8



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

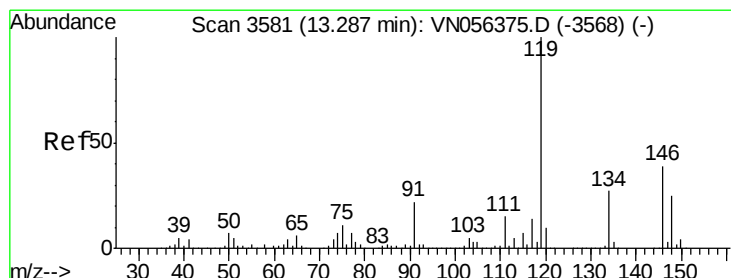
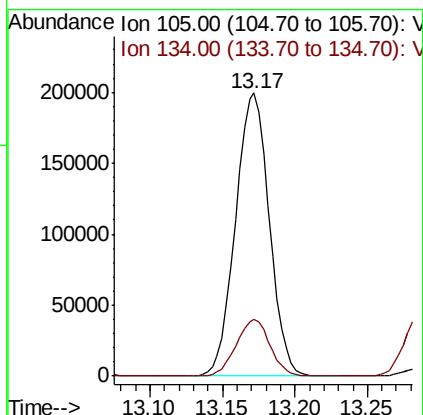
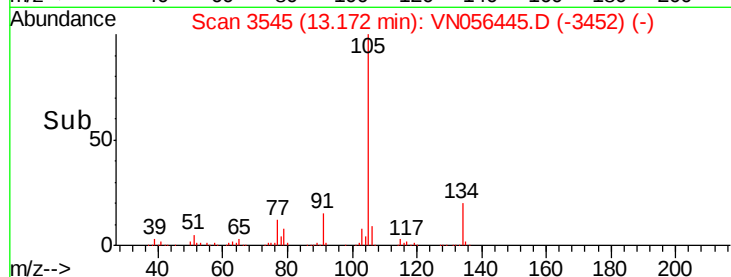
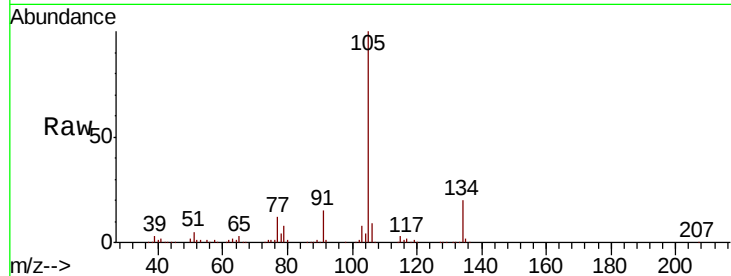




#85
 sec-Butylbenzene
 Concen: 21.137 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

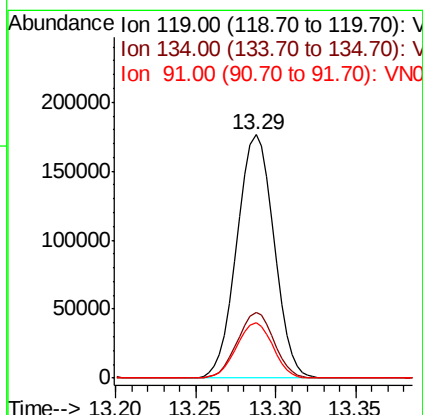
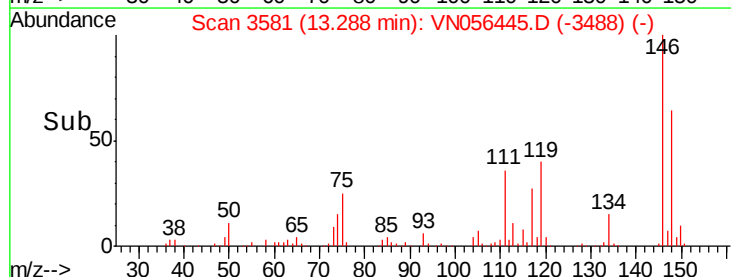
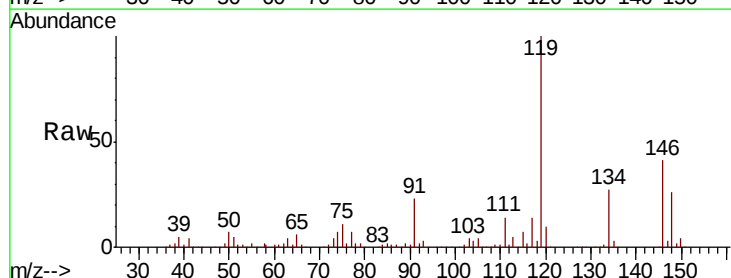
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

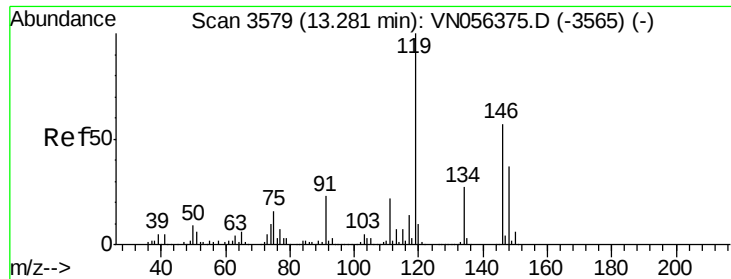
Tot Ion:105 Resp: 322553
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 21.226 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Tgt Ion:119 Resp: 277984
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.4
 91 22.5 11.2 33.5

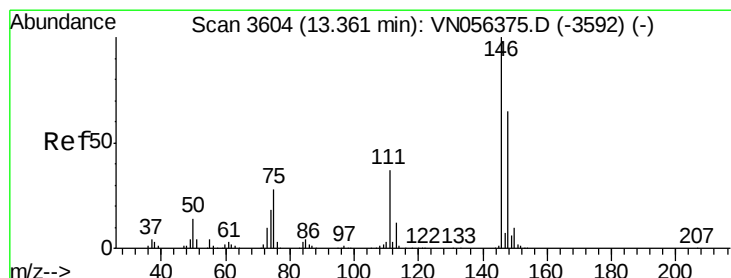
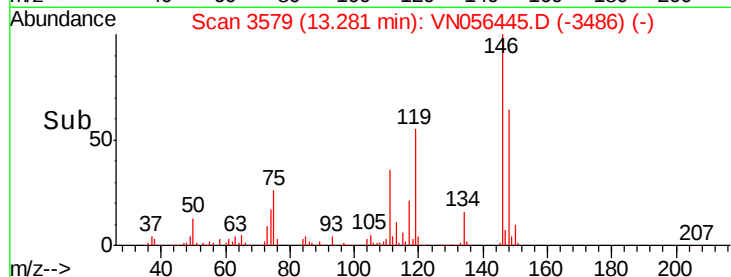
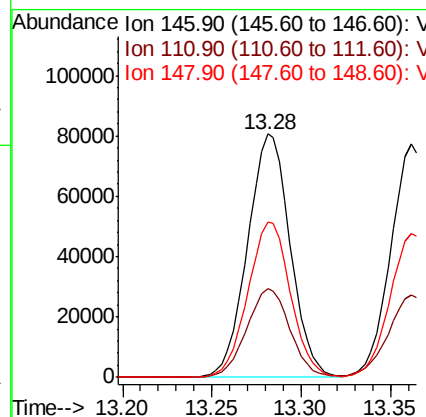
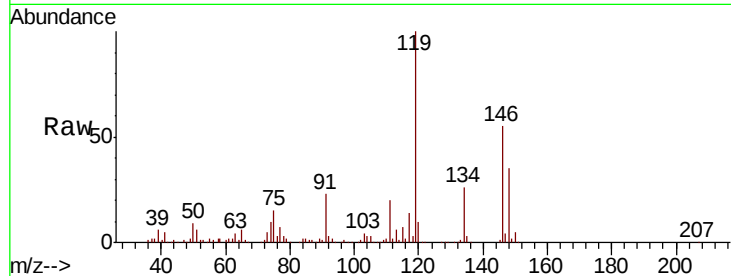




#87
 1,3-Dichlorobenzene
 Concen: 20.905 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

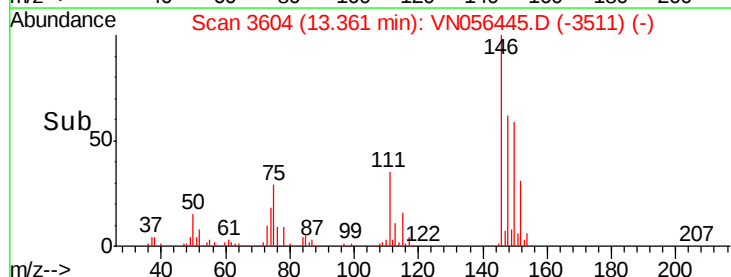
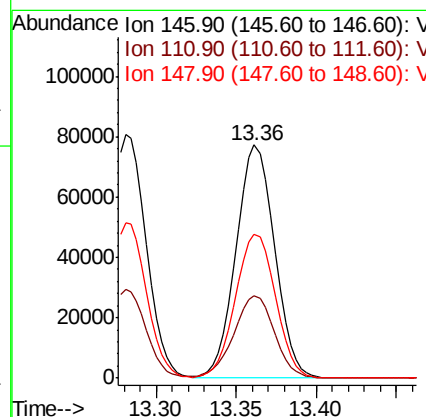
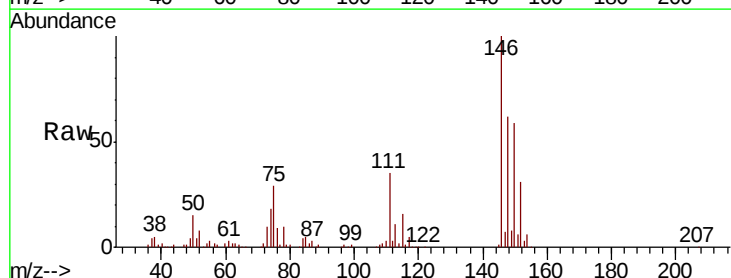
Instrument :
 MSVOA_N
 ClientSampled :
 VN0624WBS01

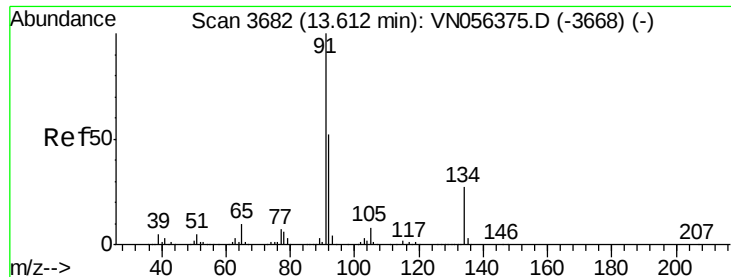
Tot Ion:146 Resp: 134300
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.9
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.472 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Tgt Ion:146 Resp: 127370
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.4 55.4
 148 63.6 32.4 97.0





#89

n-Butylbenzene

Concen: 18.980 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

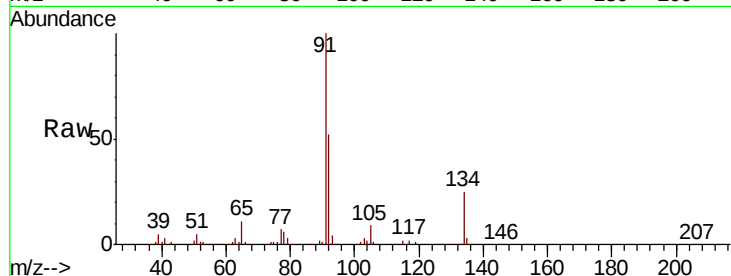
Tot Ion: 91 Resp: 188171

Ion Ratio Lower Upper

91 100

92 52.0 26.2 78.5

134 26.0 13.4 40.2

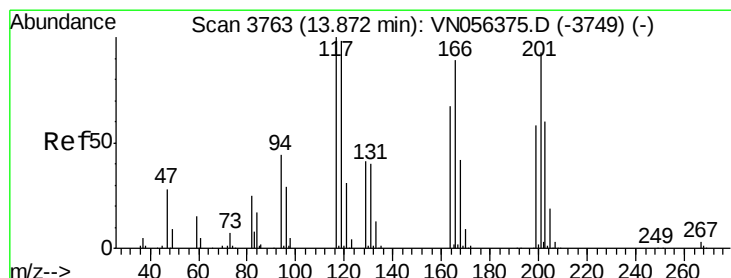
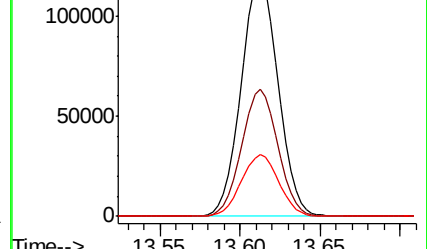
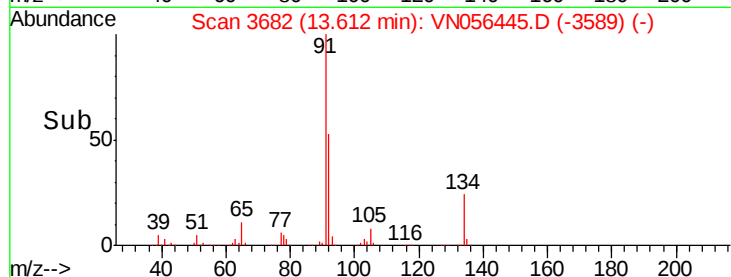


Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056375.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 21.343 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056445.D

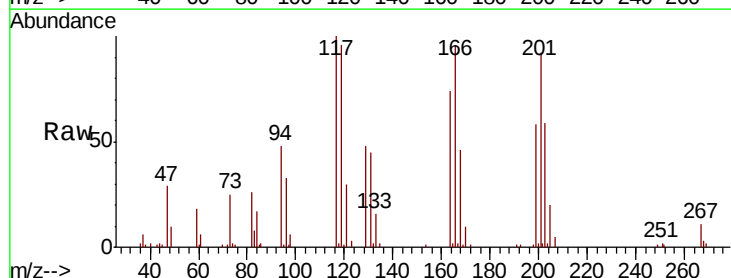
Acq: 24 Jun 2019 11:04

Tgt Ion: 117 Resp: 43576

Ion Ratio Lower Upper

117 100

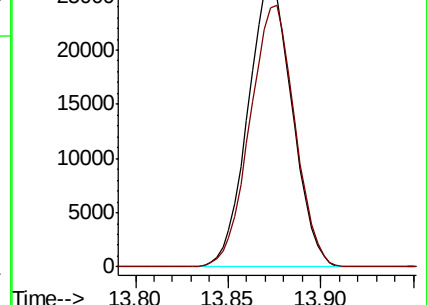
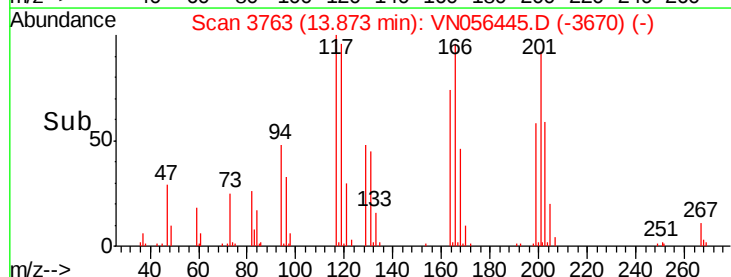
201 93.0 45.9 137.6

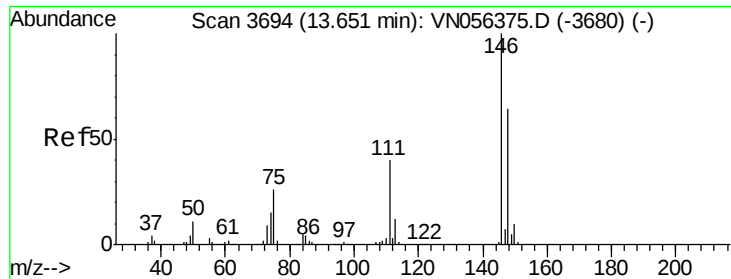


Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056375.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 21.639 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampled :

VN0624WBS01

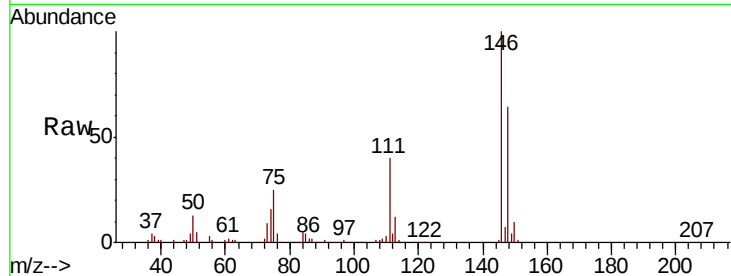
Tot Ion:146 Resp: 137922

Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

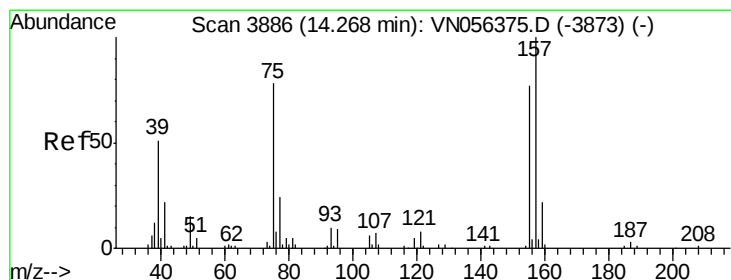
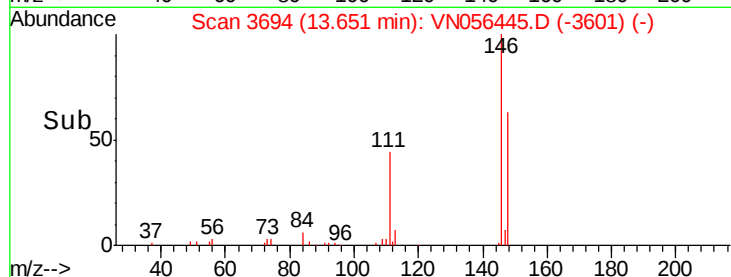
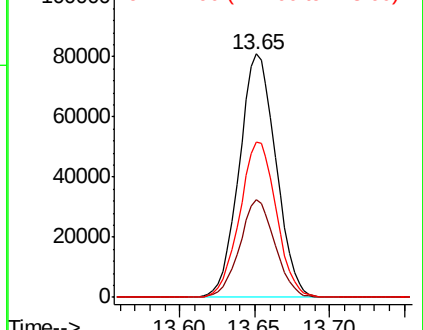
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.170 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

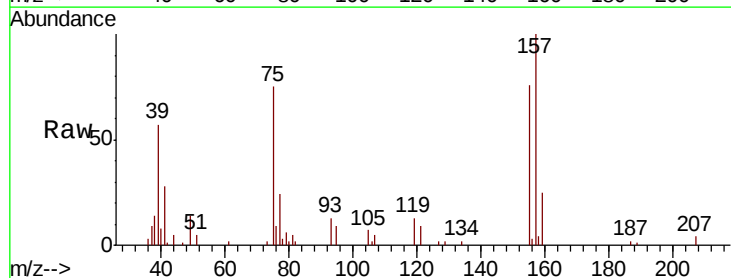
Tgt Ion: 75 Resp: 14851

Ion Ratio Lower Upper

75 100

155 100.6 48.9 146.8

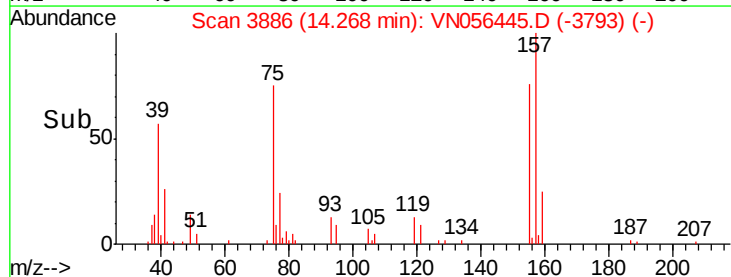
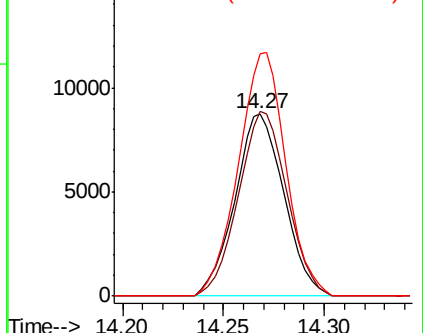
157 129.7 62.9 188.8

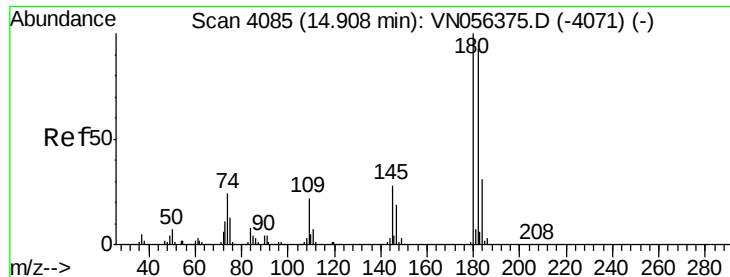


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

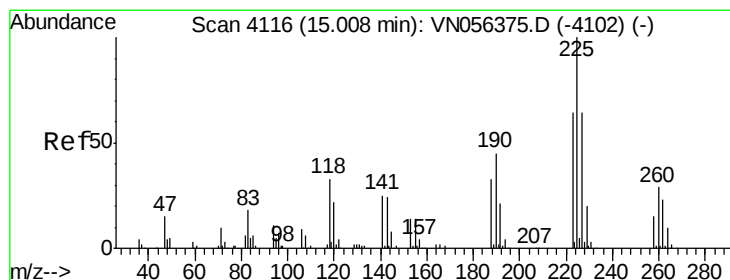
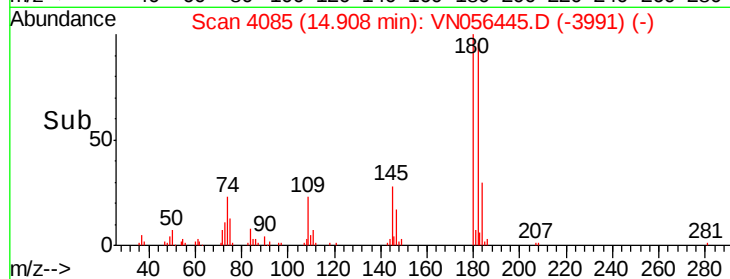
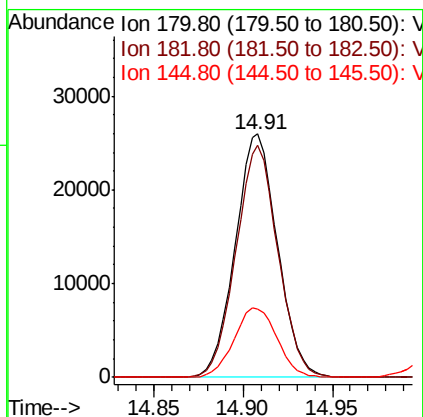
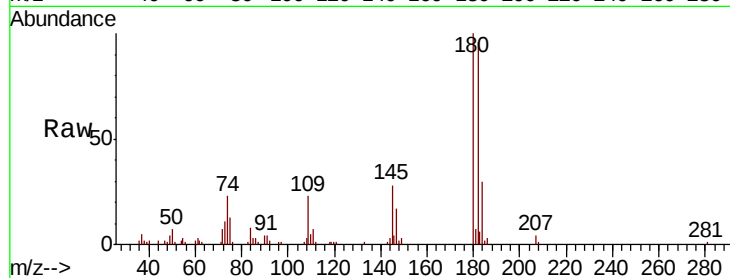




#93
 1,2,4-Trichlorobenzene
 Concen: 17.054 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

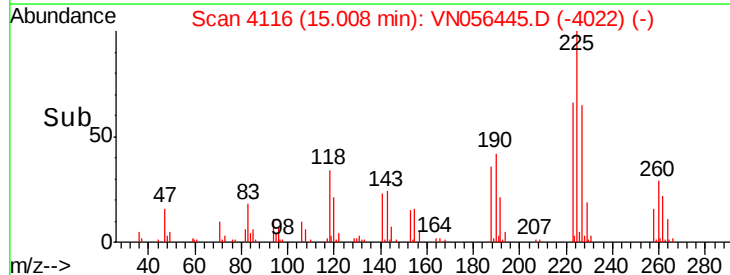
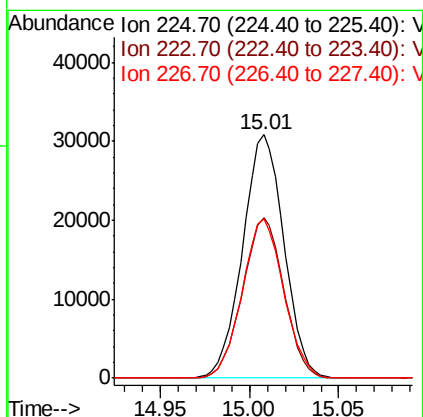
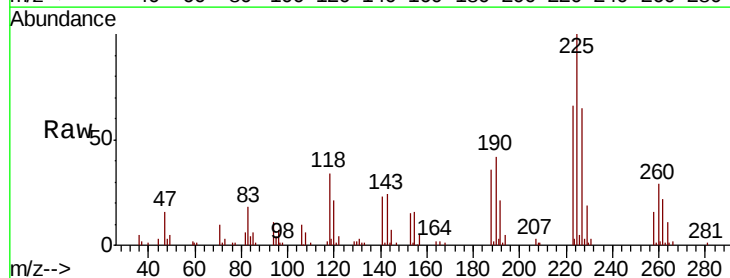
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

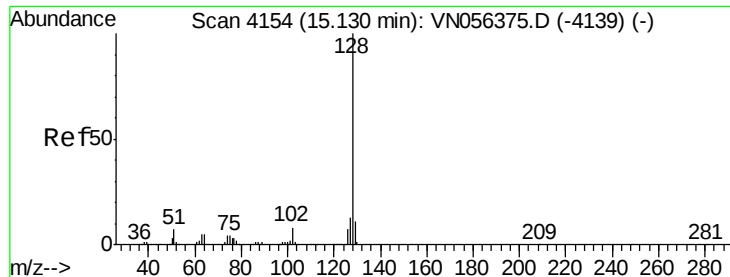
Tot Ion:180 Resp: 42775
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.9 140.6
 145 29.2 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 22.043 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056445.D
 Acq: 24 Jun 2019 11:04

Tgt Ion:225 Resp: 49882
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.4 94.3
 227 65.5 32.1 96.3





#95

Naphthalene

Concen: 17.714 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

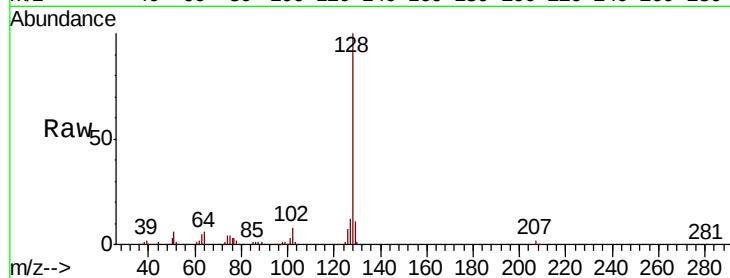
Tot Ion:128 Resp: 120844

Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.2

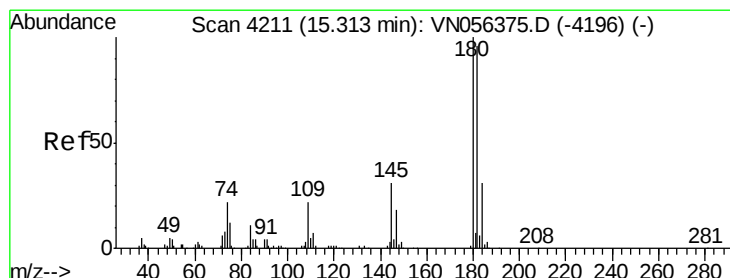
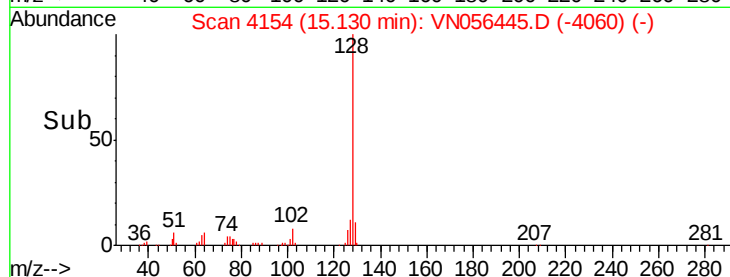
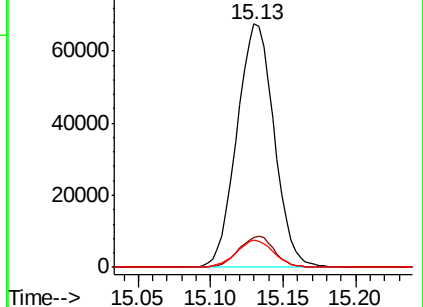
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.152 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056445.D

Acq: 24 Jun 2019 11:04

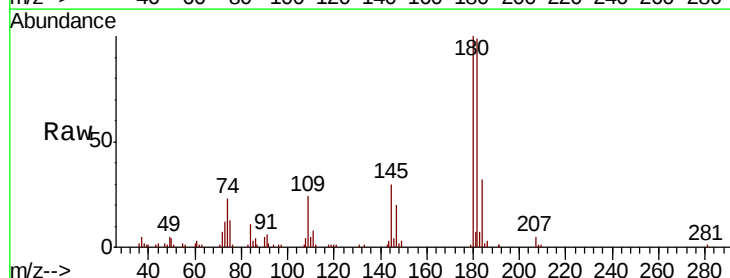
Tgt Ion:180 Resp: 51648

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.8

145 30.5 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

