

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055534.D
 Acq On : 10 May 2019 7:29
 Operator : JC/SP
 Sample : VN0509WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD02

Quant Time: May 10 09:23:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	657713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1193744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1027744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	390200	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	504917	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
35) Dibromofluoromethane	7.59	113	401858	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
50) Toluene-d8	10.09	98	1514015	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	492261	48.65	ug/l	0.00
Spiked Amount			Recovery	=	97.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	129340	19.315	ug/l	99
3) Chloromethane	2.06	50	219099	20.140	ug/l	98
4) Vinyl Chloride	2.19	62	208977	20.350	ug/l	100
5) Bromomethane	2.54	94	125088	22.232	ug/l	95
6) Chloroethane	2.69	64	129903	21.717	ug/l	100
7) Trichlorofluoromethane	3.01	101	237006	21.038	ug/l	99
8) Diethyl Ether	3.41	74	106615	21.072	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	141933	19.802	ug/l	98
10) Methyl Iodide	3.95	142	187317	19.336	ug/l	99
11) Tert butyl alcohol	4.81	59	137314	93.910	ug/l	99
12) 1,1-Dichloroethene	3.73	96	152459	21.209	ug/l	97
13) Acrolein	3.61	56	87810	90.108	ug/l	99
14) Allyl chloride	4.32	41	289699	19.674	ug/l	100
15) Acrylonitrile	5.00	53	443258	97.901	ug/l	100
16) Acetone	3.82	43	363020	79.169	ug/l	99
17) Carbon Disulfide	4.05	76	402218	20.501	ug/l	99
18) Methyl Acetate	4.33	43	198459	19.960	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	499763	20.923	ug/l	96
20) Methylene Chloride	4.55	84	190931	20.363	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	166459	21.358	ug/l	94
22) Diisopropyl ether	5.96	45	631037	21.088	ug/l	96
23) Vinyl Acetate	5.90	43	2324887	100.464	ug/l	99
24) 1,1-Dichloroethane	5.85	63	339887	21.042	ug/l	100
25) 2-Butanone	6.84	43	573853	90.597	ug/l	98
26) 2,2-Dichloropropane	6.82	77	146903	14.589	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	195484	21.703	ug/l	95
28) Bromochloromethane	7.19	49	186423	22.223	ug/l	95
29) Tetrahydrofuran	7.22	42	397717	94.980	ug/l	99
30) Chloroform	7.37	83	318698	21.342	ug/l	99
31) Cyclohexane	7.65	56	314612	19.685	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	244972	21.543	ug/l	99
36) 1,1-Dichloropropene	7.79	75	235664	20.039	ug/l	98
37) Ethyl Acetate	6.93	43	238375	18.581	ug/l	100
38) Carbon Tetrachloride	7.77	117	196593	19.852	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055534.D
 Acq On : 10 May 2019 7:29
 Operator : JC/SP
 Sample : VN0509WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD02

Quant Time: May 10 09:23:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	262202	18.286	ug/l	98
40) Benzene	8.04	78	746001	20.439	ug/l	100
41) Methacrylonitrile	7.17	41	89070	14.959	ug/l #	74
42) 1,2-Dichloroethane	8.12	62	256141	19.975	ug/l	100
43) Isopropyl Acetate	8.17	43	363032	18.627	ug/l #	88
44) Trichloroethene	8.84	130	178083	20.505	ug/l	95
45) 1,2-Dichloropropane	9.12	63	212071	20.307	ug/l	99
46) Dibromomethane	9.21	93	123780	20.448	ug/l	99
47) Bromodichloromethane	9.40	83	237104	20.474	ug/l	98
48) Methyl methacrylate	9.20	41	178201	18.977	ug/l	99
49) 1,4-Dioxane	9.20	88	69531	379.907	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1157082	90.269	ug/l	99
52) Toluene	10.16	92	423325	20.287	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	213399	19.187	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	258969	19.485	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	171950	20.338	ug/l	99
56) Ethyl methacrylate	10.43	69	241911	19.237	ug/l	99
57) 1,3-Dichloropropane	10.71	76	301611	20.095	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	311456	82.402	ug/l	100
59) 2-Hexanone	10.75	43	802480	89.269	ug/l	100
60) Dibromochloromethane	10.90	129	157053	20.432	ug/l	99
61) 1,2-Dibromoethane	11.00	107	165664	20.394	ug/l	98
64) Tetrachloroethene	10.63	164	171062	20.313	ug/l	97
65) Chlorobenzene	11.43	112	434505	20.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	152041	20.887	ug/l	97
67) Ethyl Benzene	11.51	91	785195	19.772	ug/l	100
68) m/p-Xylenes	11.62	106	571346	40.090	ug/l	100
69) o-Xylene	11.95	106	279823	19.977	ug/l	98
70) Styrene	11.96	104	465606	20.747	ug/l	100
71) Bromoform	12.12	173	98333	20.018	ug/l #	99
73) Isopropylbenzene	12.25	105	747260	21.813	ug/l	100
74) N-amyl acetate	12.07	43	284493	19.204	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	236672	21.216	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	267923	25.222	ug/l #	100
77) Bromobenzene	12.53	156	171873	19.987	ug/l	96
78) n-propylbenzene	12.59	91	818158	19.549	ug/l	99
79) 2-Chlorotoluene	12.67	91	518959	19.897	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	627664	20.113	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	48159	16.729	ug/l	96
82) 4-Chlorotoluene	12.77	91	485315	19.692	ug/l	98
83) tert-Butylbenzene	12.99	119	526868	19.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	578690	20.220	ug/l	100
85) sec-Butylbenzene	13.17	105	691547	19.453	ug/l	99
86) p-Isopropyltoluene	13.29	119	555454	19.199	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	281625	21.194	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	268568	20.480	ug/l	98
89) n-Butylbenzene	13.61	91	401682	17.912	ug/l	100
90) Hexachloroethane	13.87	117	93525	19.817	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	280197	21.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33952	18.922	ug/l	97

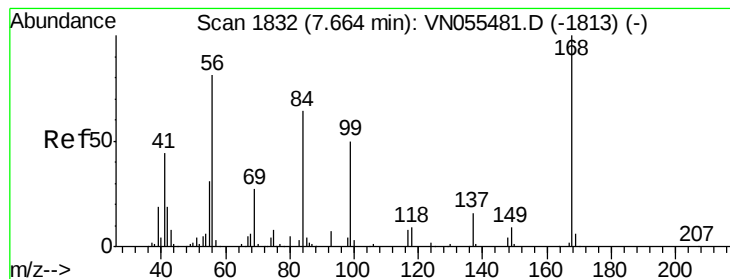
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
Data File : VN055534.D
Acq On : 10 May 2019 7:29
Operator : JC/SP
Sample : VN0509WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

Quant Time: May 10 09:23:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	95893	18.726	ug/l	99
94) Hexachlorobutadiene	15.01	225	86351	20.603	ug/l	99
95) Naphthalene	15.13	128	285898	19.478	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	111233	19.326	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

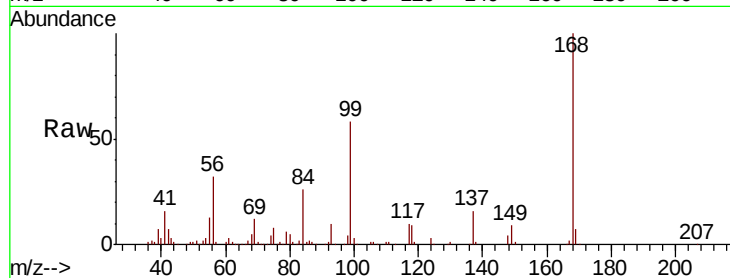
VN0509WBSD02

Tot Ion:168 Resp: 657713

Ion Ratio Lower Upper

168 100

99 56.3 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

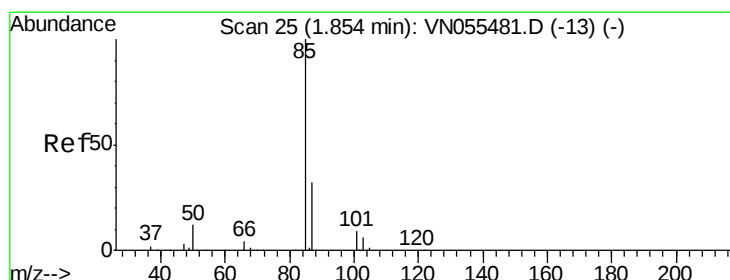
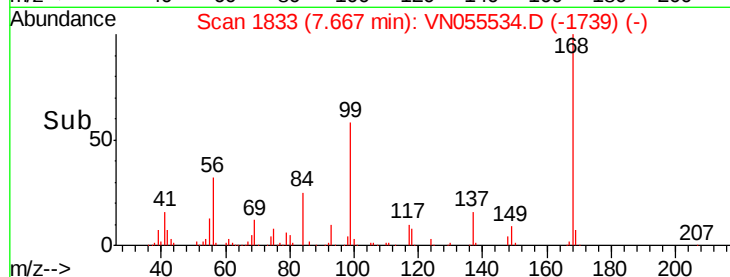
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 19.315 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN055534.D

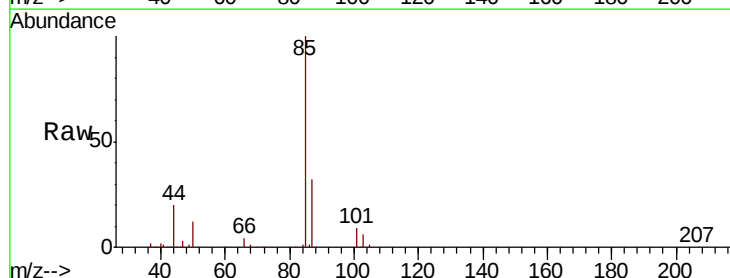
Acq: 10 May 2019 7:29

Tgt Ion: 85 Resp: 129340

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

100000

80000

60000

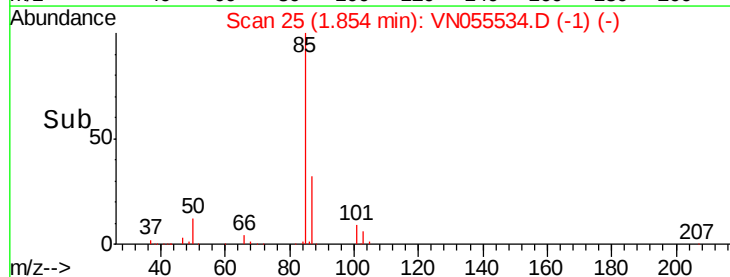
40000

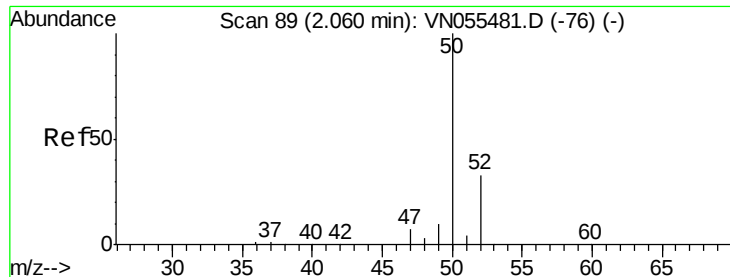
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.140 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

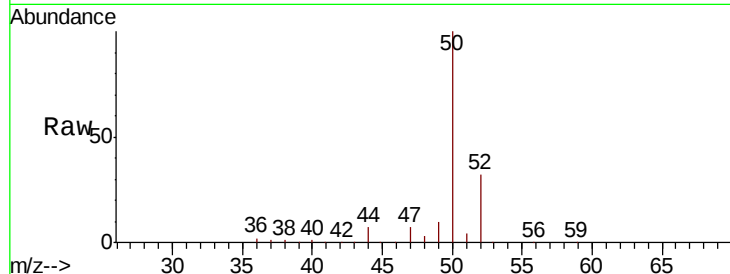
VN0509WBSD02

Tot Ion: 50 Resp: 219099

Ion Ratio Lower Upper

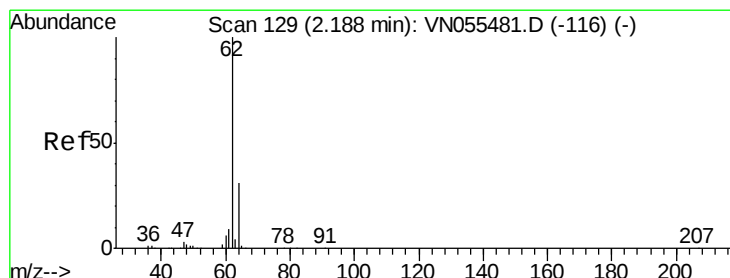
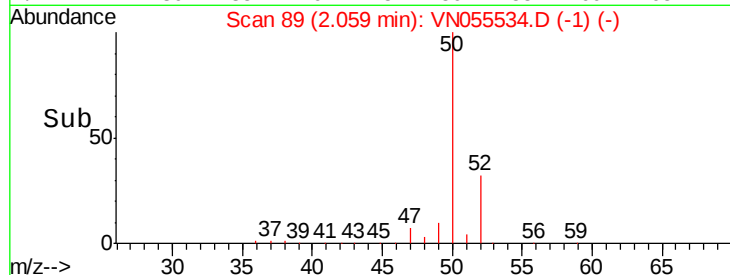
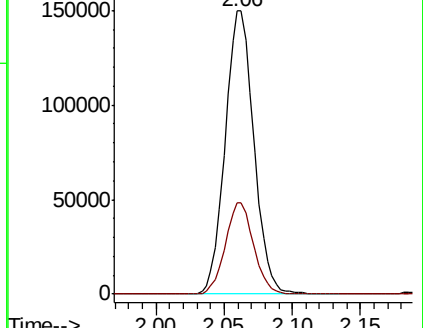
50 100

52 32.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.350 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055534.D

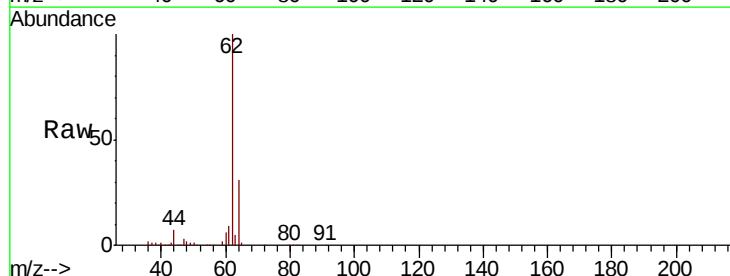
Acq: 10 May 2019 7:29

Tgt Ion: 62 Resp: 208977

Ion Ratio Lower Upper

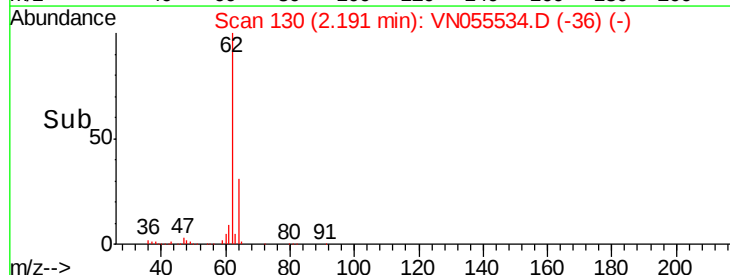
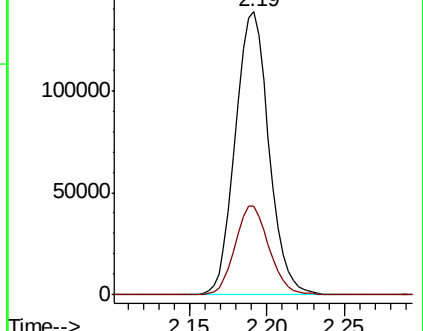
62 100

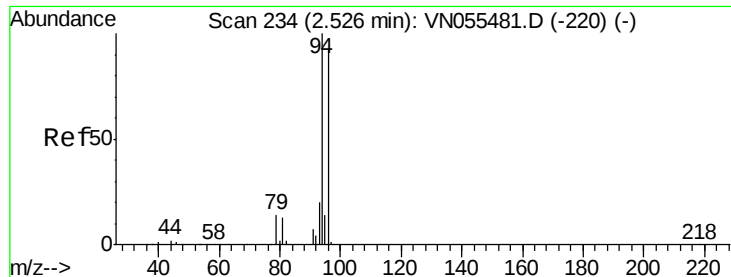
64 31.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 22.232 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

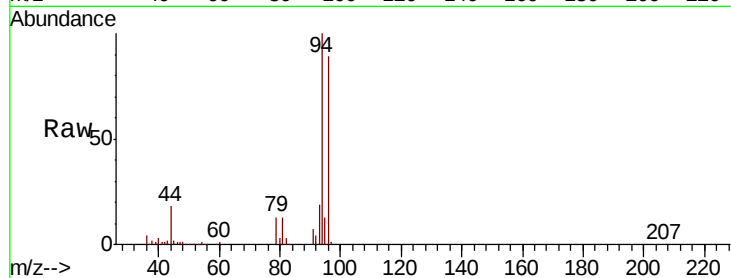
VN0509WBSD02

Tot Ion: 94 Resp: 125088

Ion Ratio Lower Upper

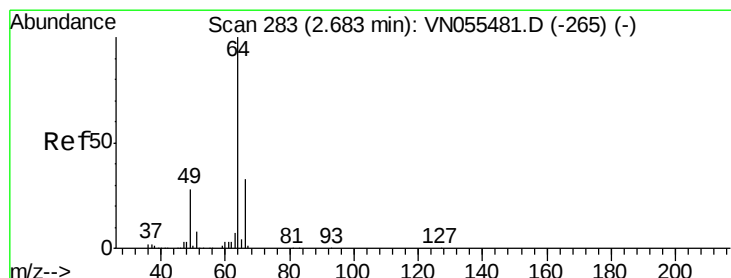
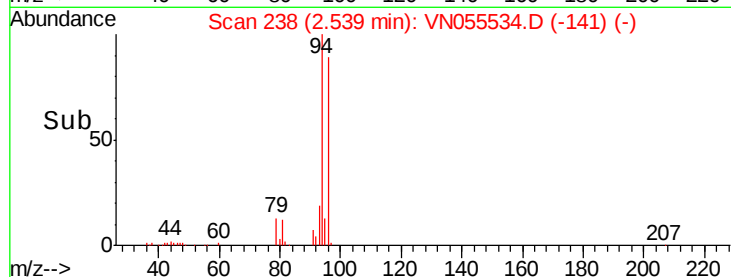
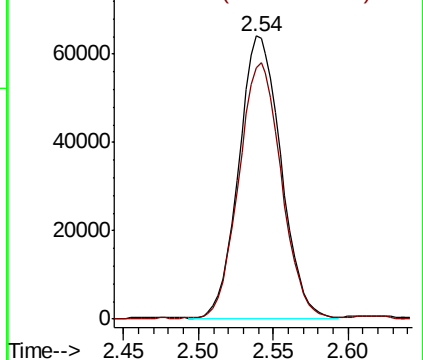
94 100

96 88.9 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.717 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.01 min

Lab File: VN055534.D

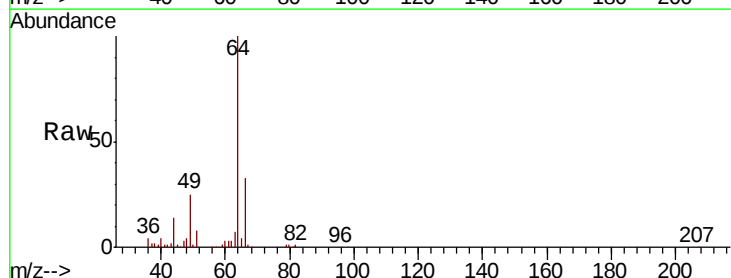
Acq: 10 May 2019 7:29

Tgt Ion: 64 Resp: 129903

Ion Ratio Lower Upper

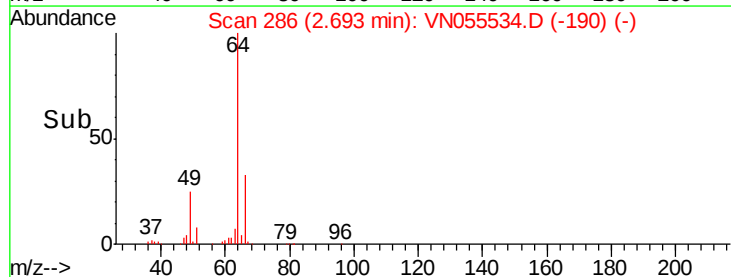
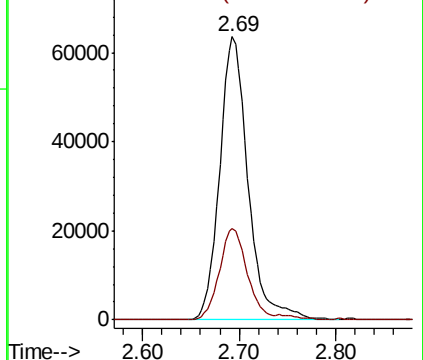
64 100

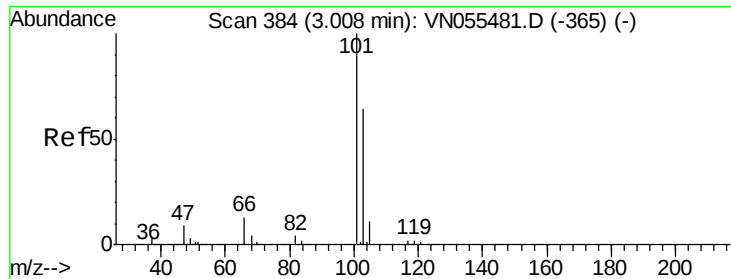
66 32.5 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



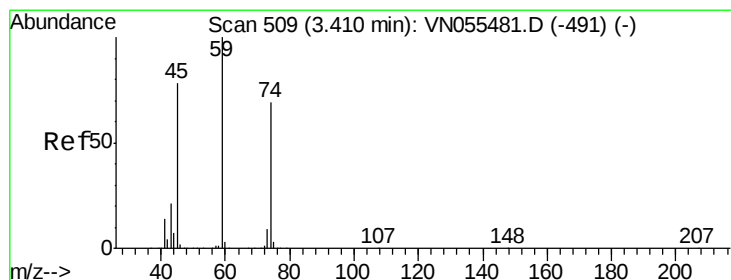
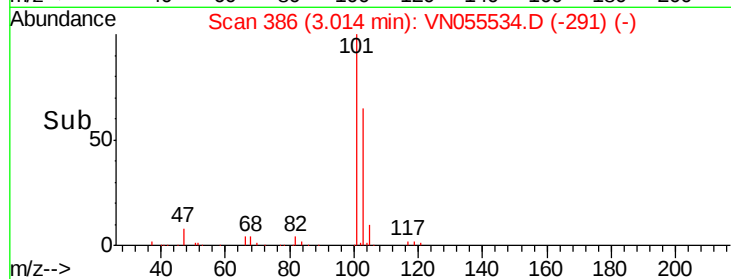
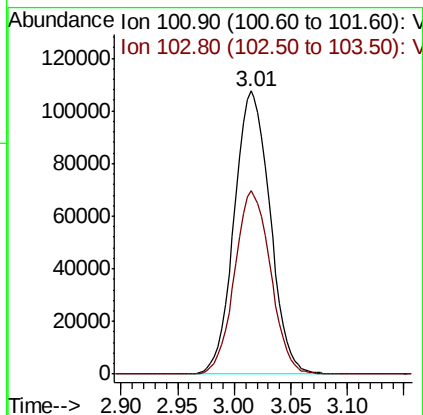
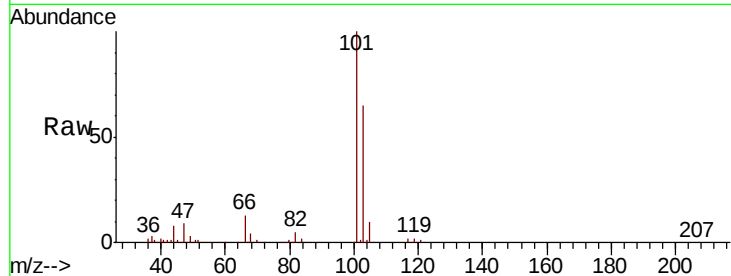


#7

Trichlorofluoromethane
 Concen: 21.038 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD02

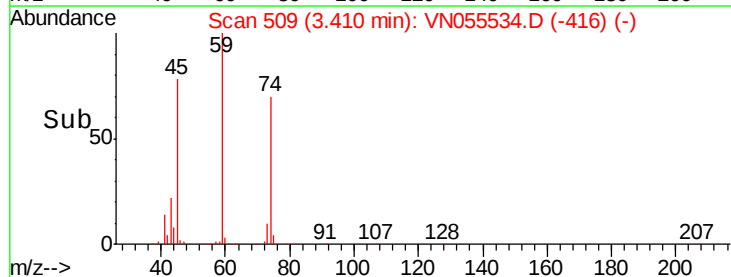
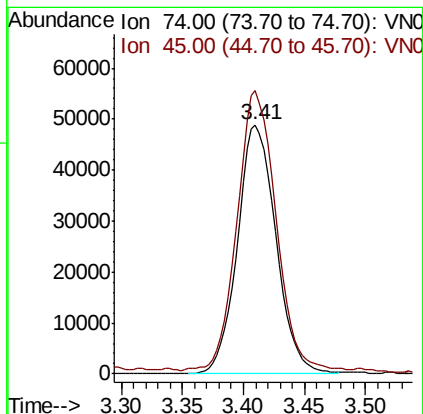
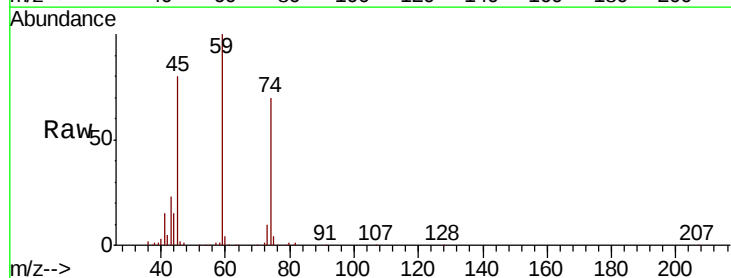
Tot Ion:101 Resp: 237006
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.2 76.8

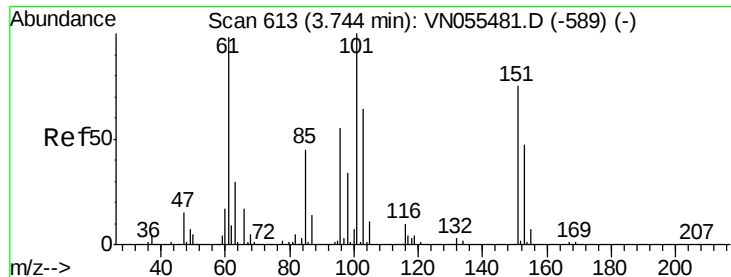


#8

Diethyl Ether
 Concen: 21.072 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Tgt Ion: 74 Resp: 106615
 Ion Ratio Lower Upper
 74 100
 45 112.9 58.1 174.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.802 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

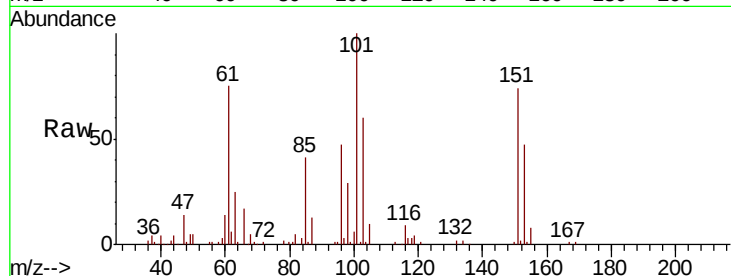
Tot Ion:101 Resp: 141933

Ion Ratio Lower Upper

101 100

85 44.3 35.5 53.3

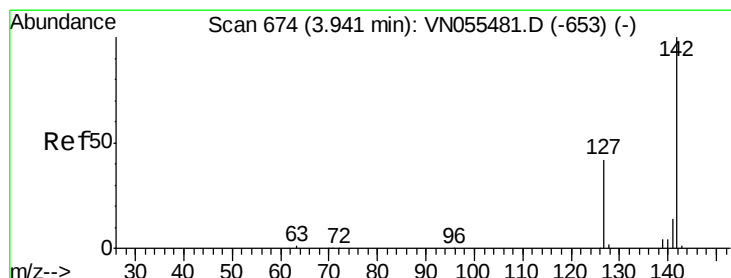
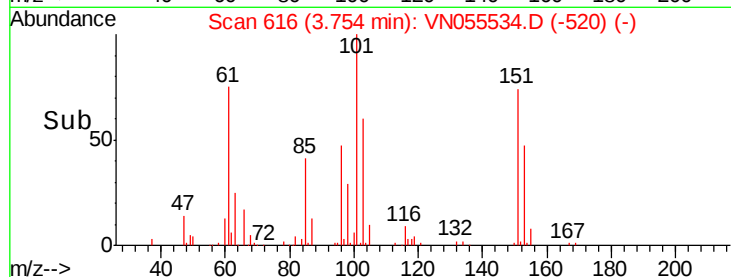
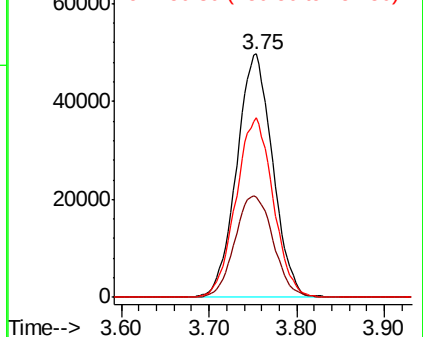
151 76.0 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.336 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.01 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

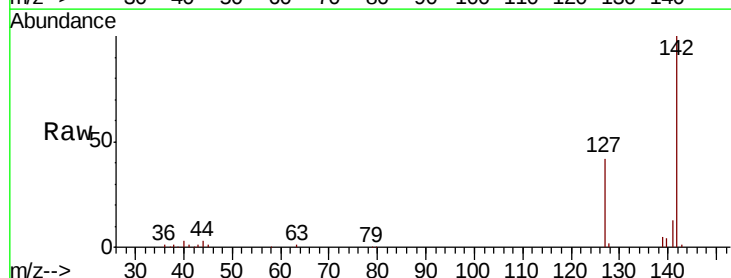
Tgt Ion:142 Resp: 187317

Ion Ratio Lower Upper

142 100

127 41.5 33.0 49.4

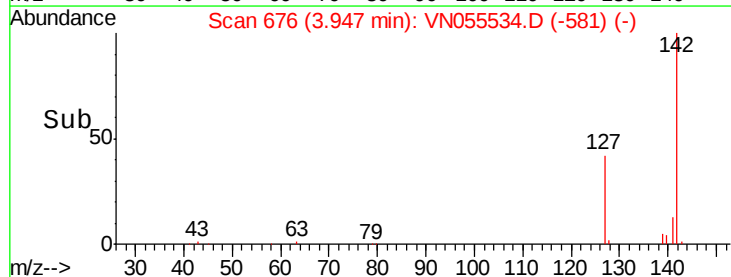
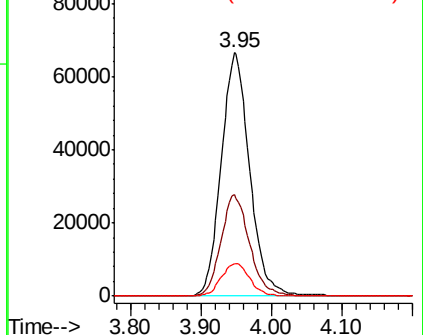
141 13.6 11.4 17.0

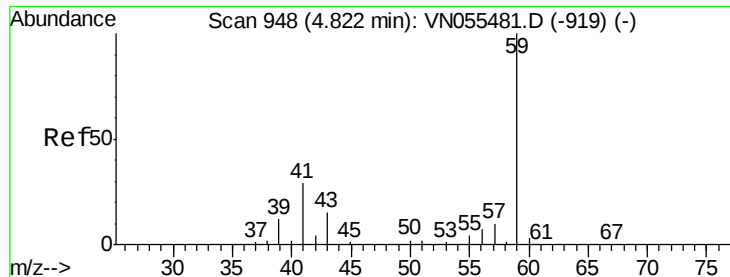


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

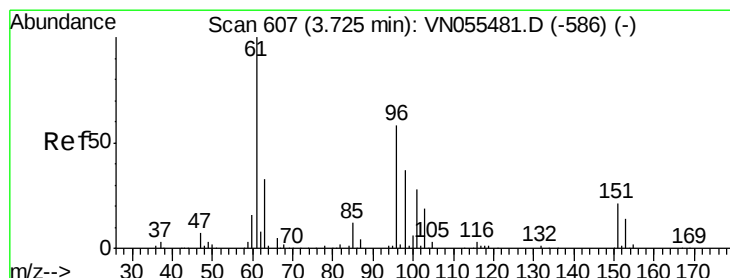
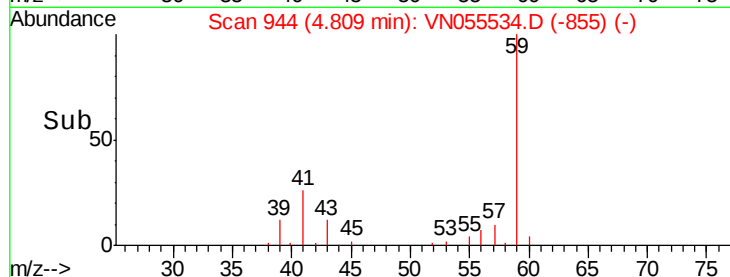
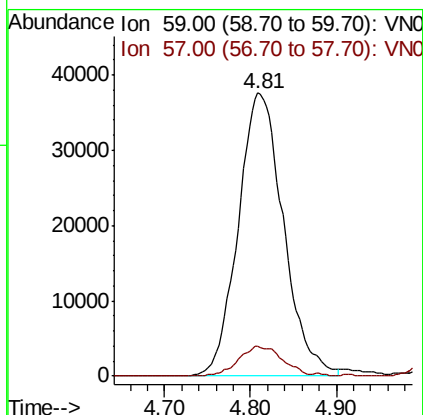
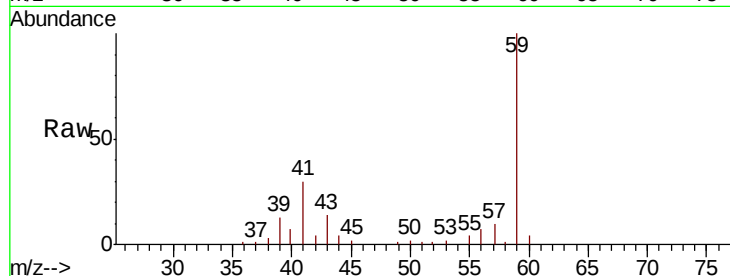




#11
Tert butyl alcohol
Concen: 93.910 ug/l
RT: 4.81 min Scan# 944
Delta R.T. -0.01 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

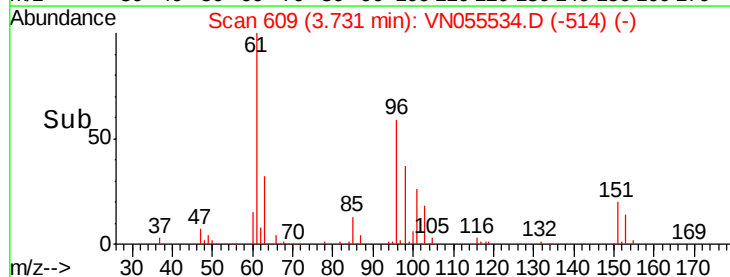
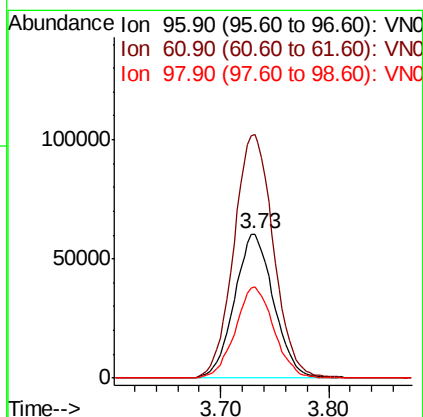
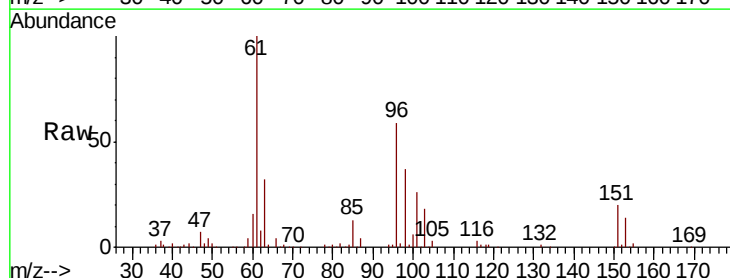
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

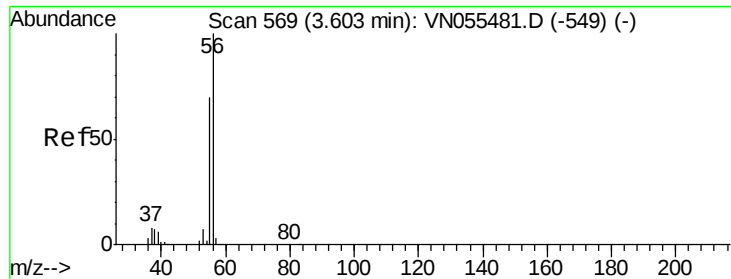
Tot Ion: 59 Resp: 137314
Ion Ratio Lower Upper
59 100
57 10.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 21.209 ug/l
RT: 3.73 min Scan# 609
Delta R.T. 0.01 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion: 96 Resp: 152459
Ion Ratio Lower Upper
96 100
61 168.8 138.7 208.1
98 62.9 50.6 76.0





#13

Acrolein

Concen: 90.108 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

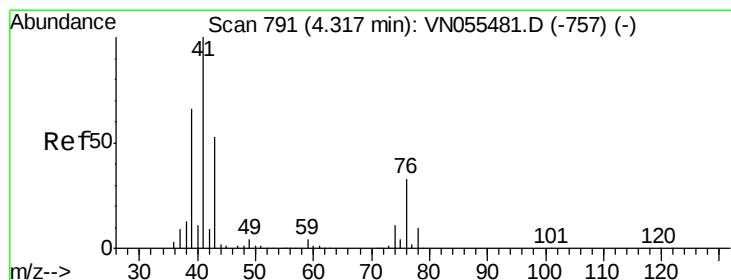
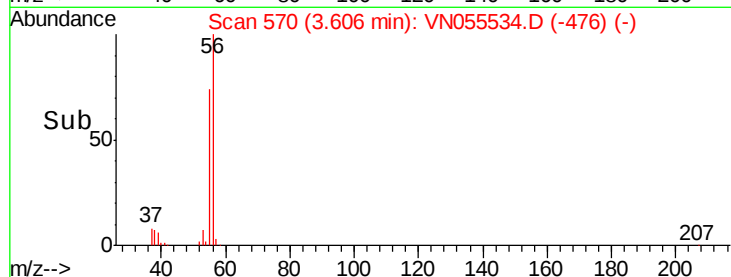
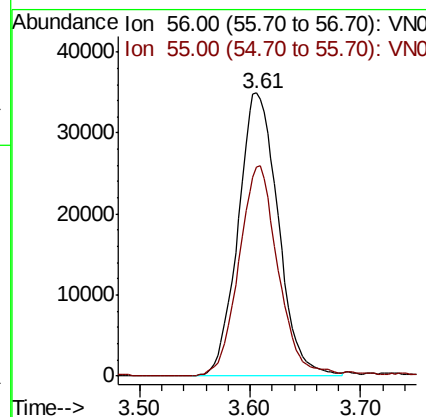
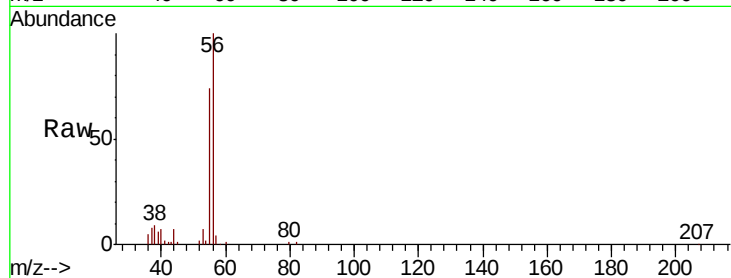
VN0509WBSD02

Tot Ion: 56 Resp: 87810

Ion Ratio Lower Upper

56 100

55 72.6 57.7 86.5



#14

Allyl chloride

Concen: 19.674 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

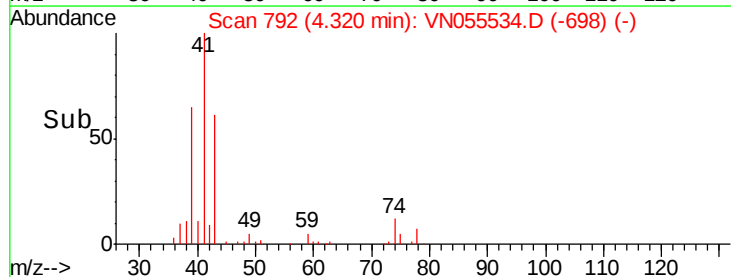
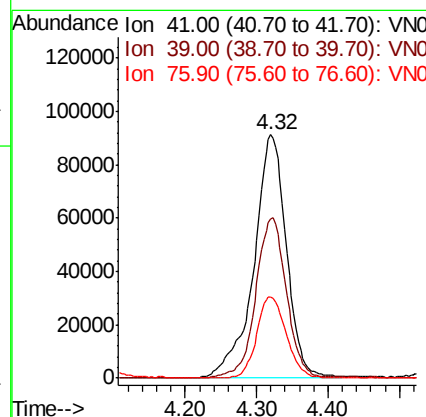
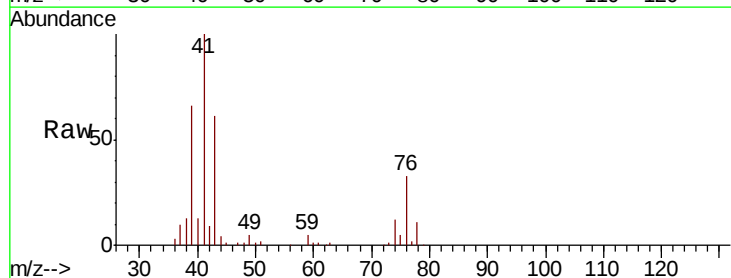
Tgt Ion: 41 Resp: 289699

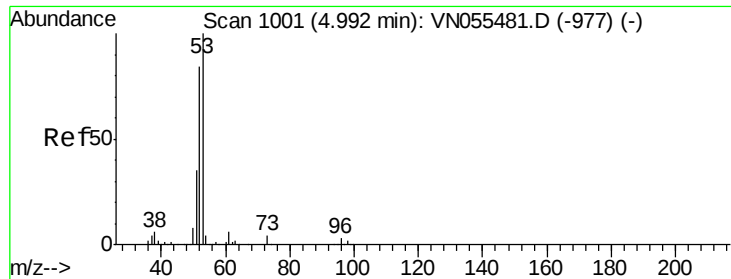
Ion Ratio Lower Upper

41 100

39 62.3 49.8 74.8

76 30.1 23.5 35.3





#15

Acrylonitrile

Concen: 97.901 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

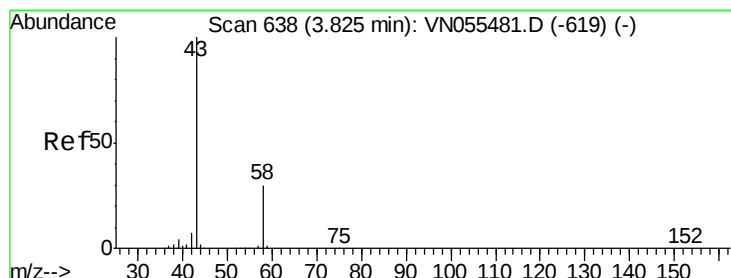
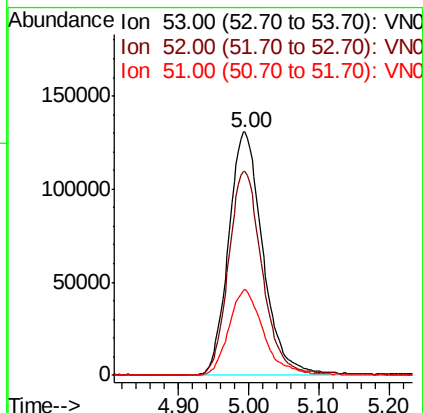
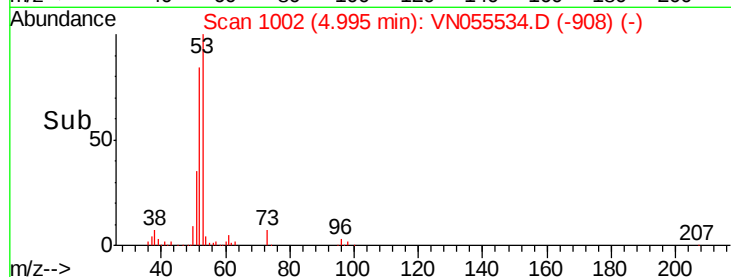
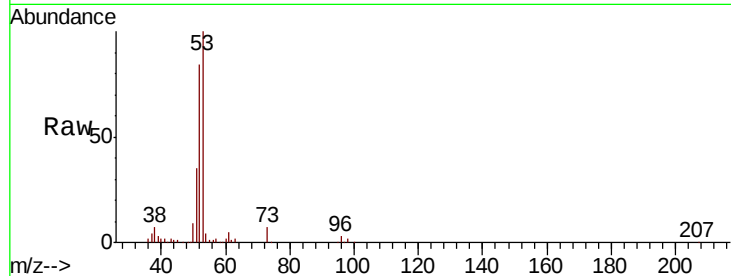
Tot Ion: 53 Resp: 443258

Ion Ratio Lower Upper

53 100

52 82.6 66.1 99.1

51 35.8 28.3 42.5



#16

Acetone

Concen: 79.169 ug/l

RT: 3.82 min Scan# 638

Delta R.T. -0.00 min

Lab File: VN055534.D

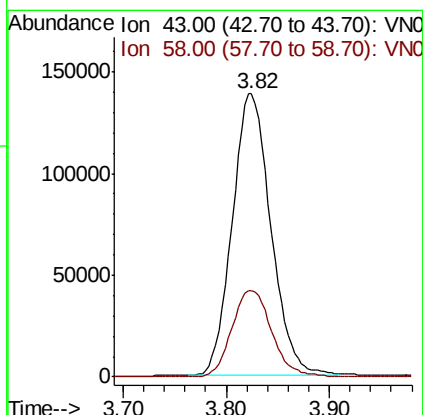
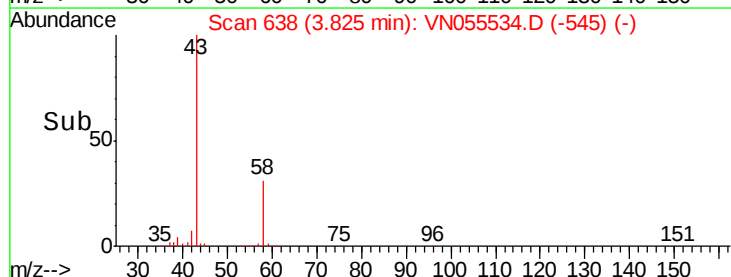
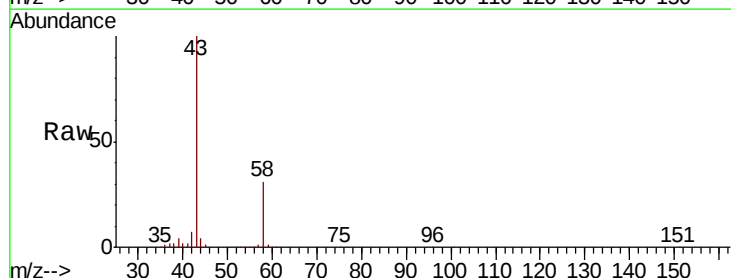
Acq: 10 May 2019 7:29

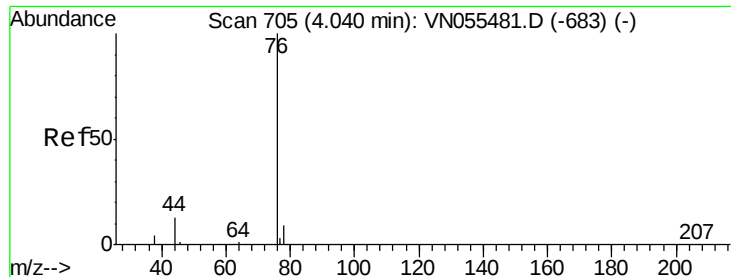
Tgt Ion: 43 Resp: 363020

Ion Ratio Lower Upper

43 100

58 30.7 24.2 36.2

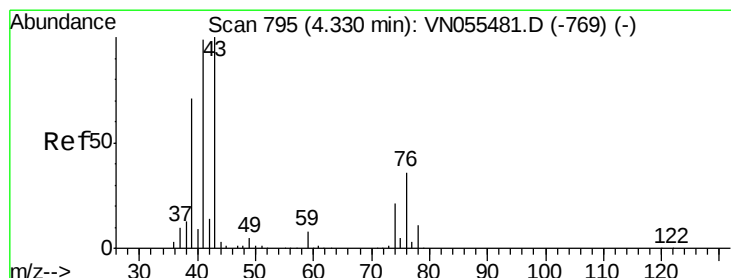
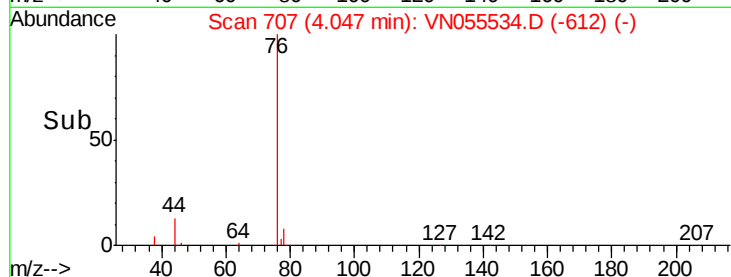
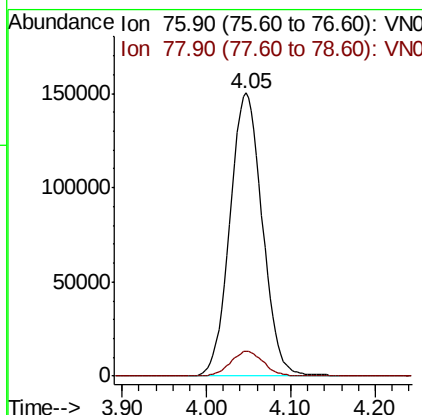
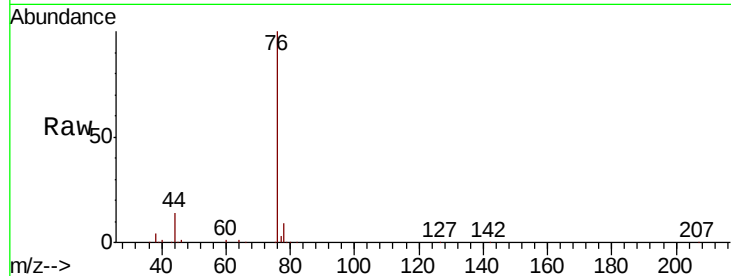




#17
Carbon Disulfide
Concen: 20.501 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.01 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

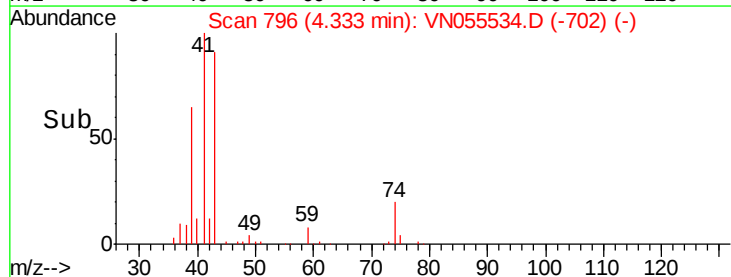
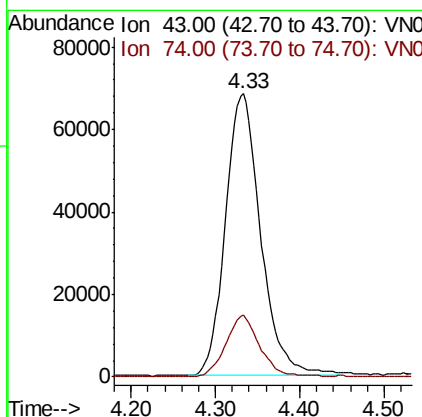
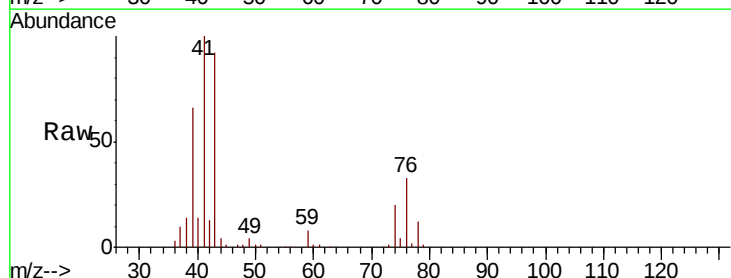
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

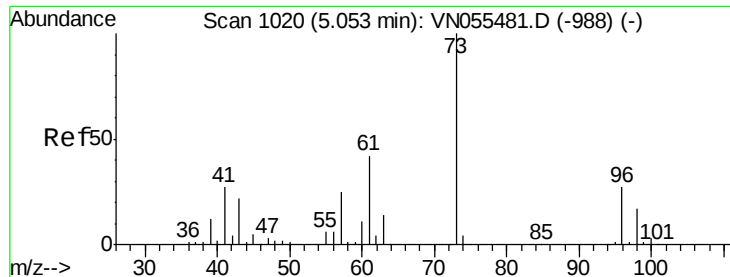
Tot Ion: 76 Resp: 402218
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 19.960 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion: 43 Resp: 198459
Ion Ratio Lower Upper
43 100
74 20.9 16.3 24.5

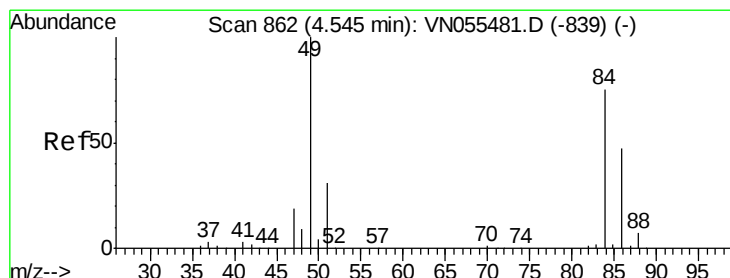
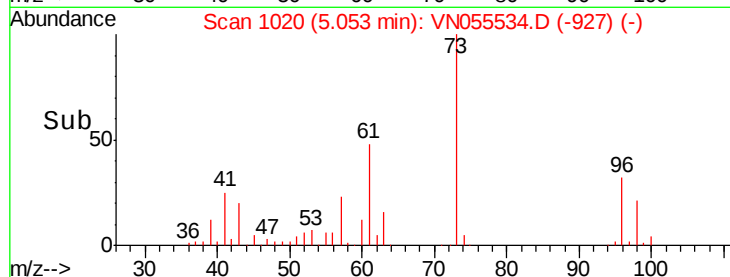
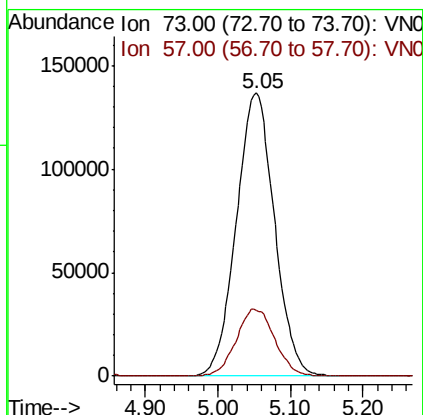
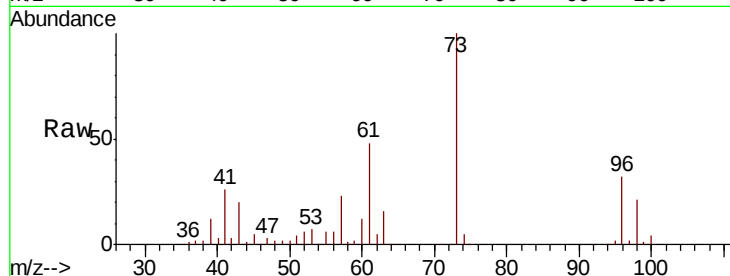




#19
Methyl tert-butyl Ether
Concen: 20.923 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

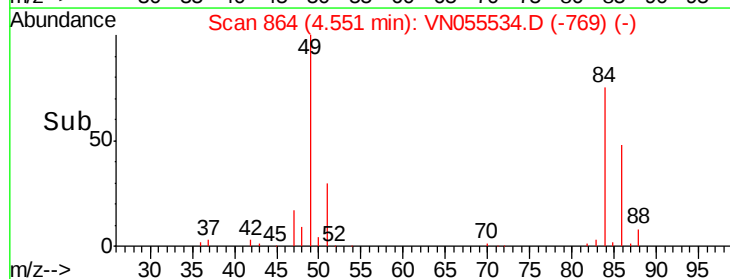
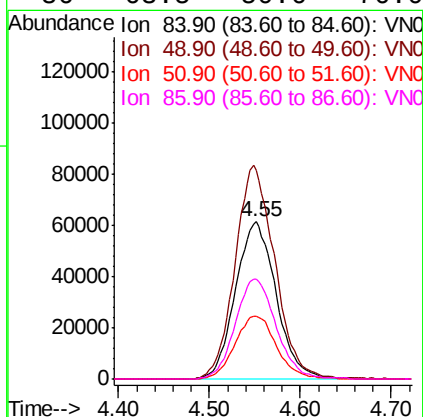
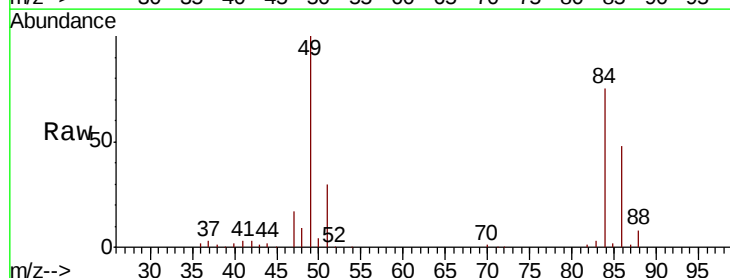
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

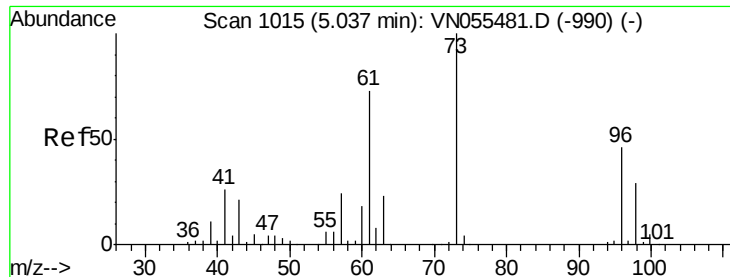
Tot Ion: 73 Resp: 499763
Ion Ratio Lower Upper
73 100
57 23.2 20.0 30.0



#20
Methylene Chloride
Concen: 20.363 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion: 84 Resp: 190931
Ion Ratio Lower Upper
84 100
49 132.8 107.0 160.6
51 39.6 33.0 49.4
86 63.5 50.6 76.0

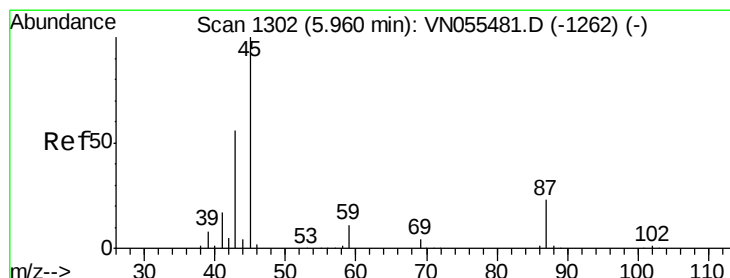
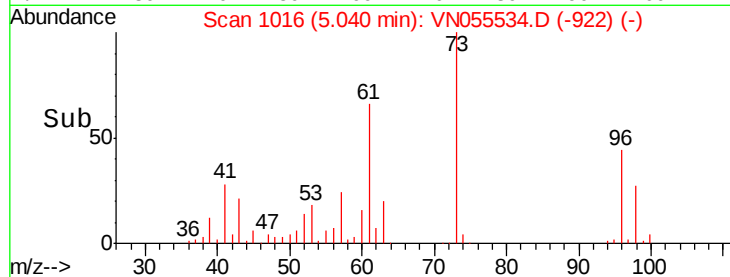
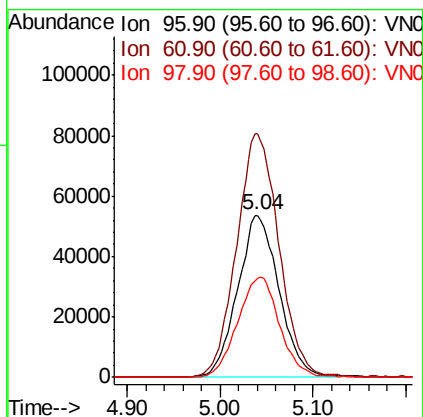
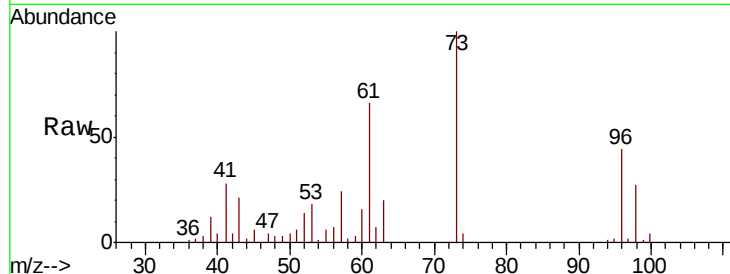




#21
trans-1,2-Dichloroethene
Concen: 21.358 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

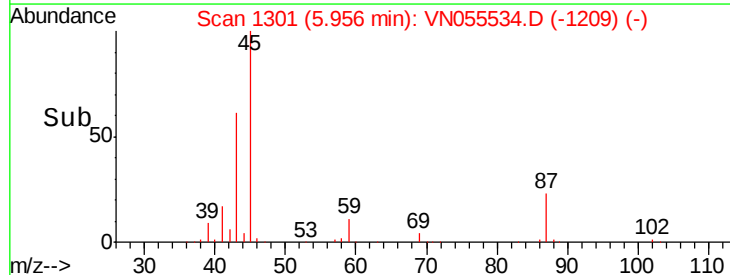
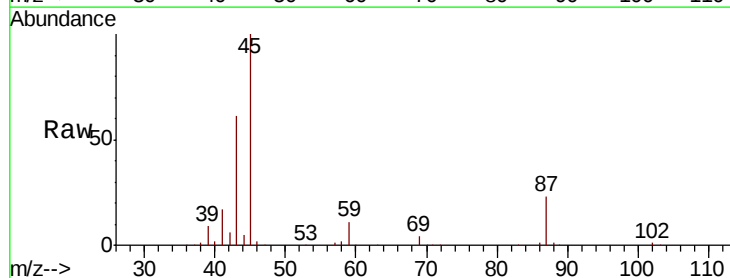
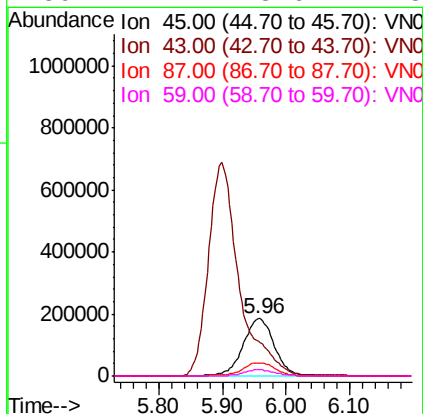
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

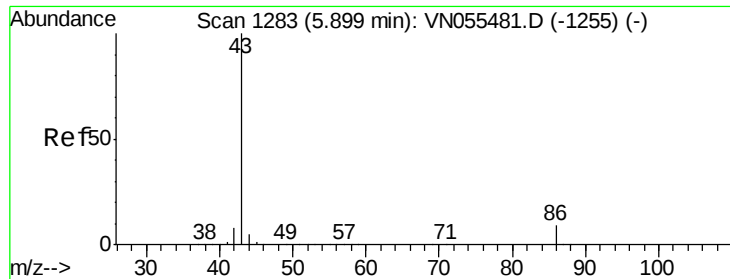
Tot Ion: 96 Resp: 166459
Ion Ratio Lower Upper
96 100
61 150.1 127.4 191.0
98 60.9 51.6 77.4



#22
Diisopropyl ether
Concen: 21.088 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion: 45 Resp: 631037
Ion Ratio Lower Upper
45 100
43 59.5 44.6 66.8
87 23.0 18.6 28.0
59 11.4 8.6 12.8





#23

Vinyl Acetate

Concen: 100.464 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

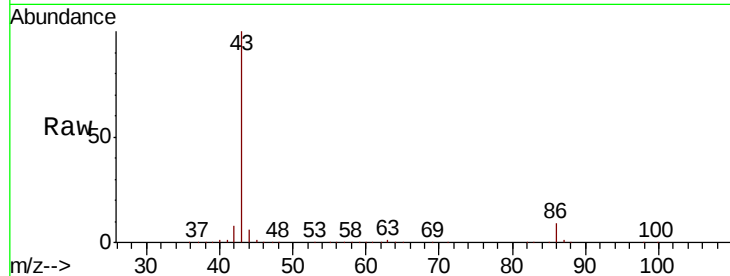
VN0509WBSD02

Tot Ion: 43 Resp: 2324887

Ion Ratio Lower Upper

43 100

86 9.3 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

800000

600000

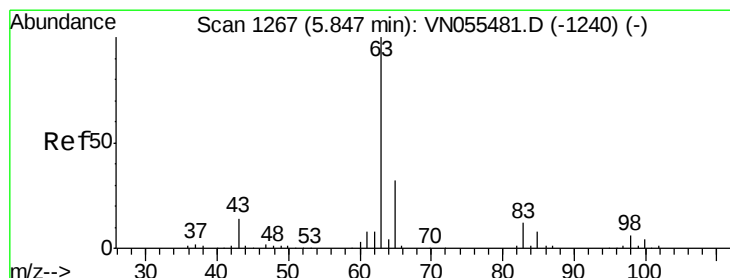
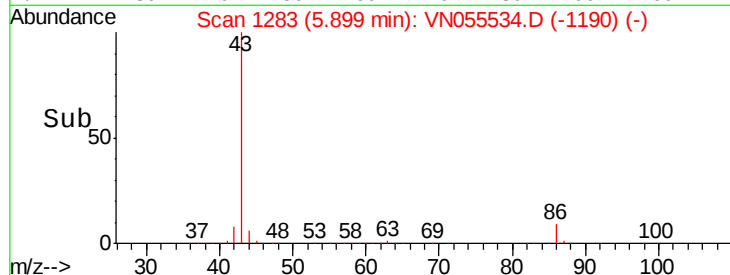
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 21.042 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

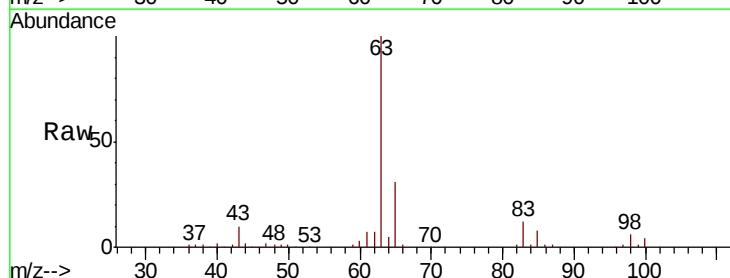
Tgt Ion: 63 Resp: 339887

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.0

100 3.6 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

150000

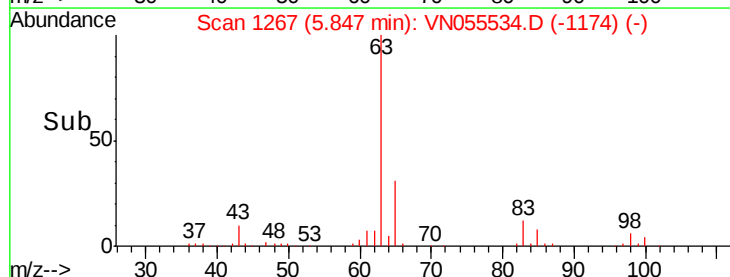
100000

50000

0

5.70 5.80 5.90 6.00

Time-->

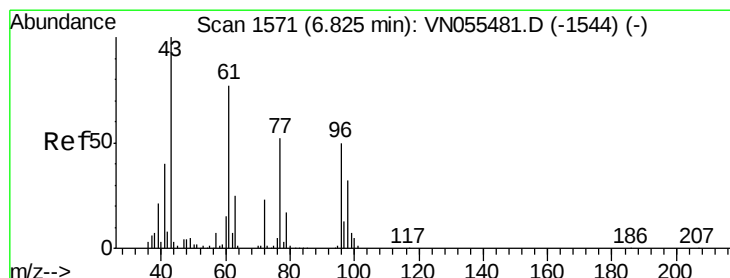
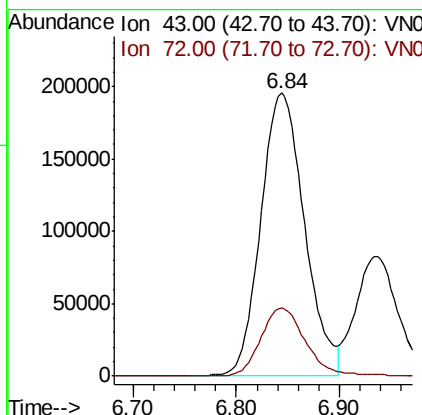
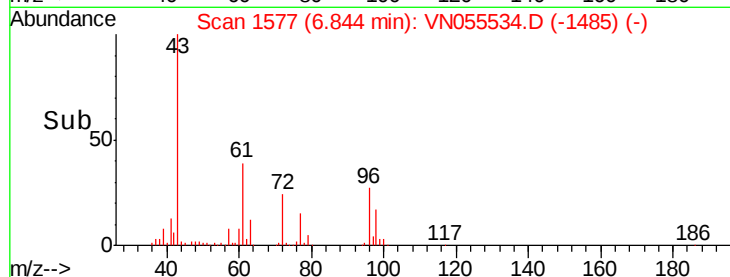
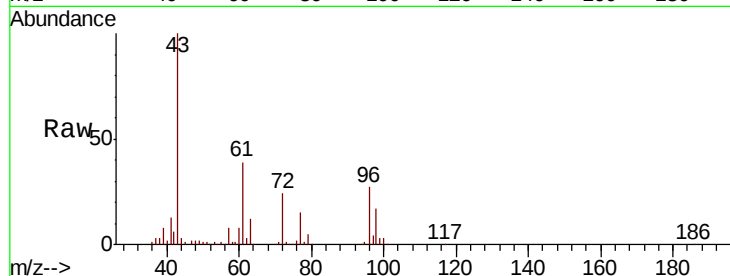




#25
2-Butanone
Concen: 90.597 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

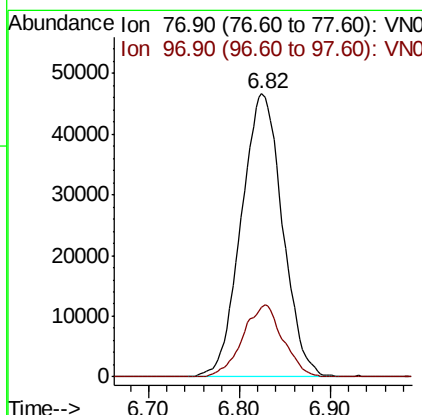
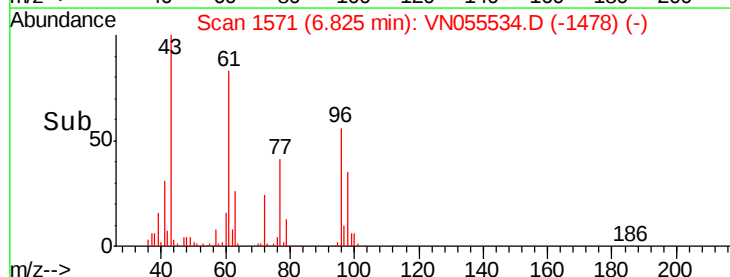
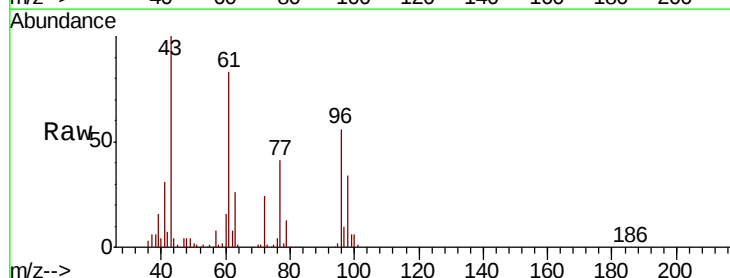
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

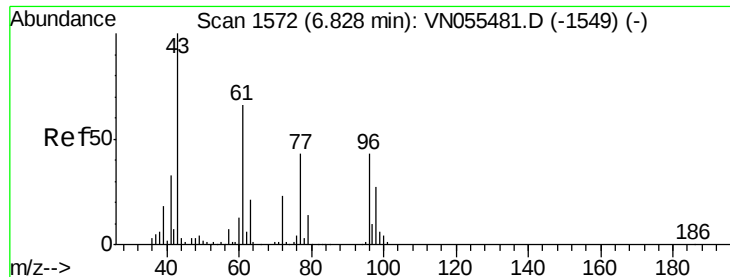
Tot Ion: 43 Resp: 573853
Ion Ratio Lower Upper
43 100
72 24.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 14.589 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion: 77 Resp: 146903
Ion Ratio Lower Upper
77 100
97 24.6 11.5 34.5

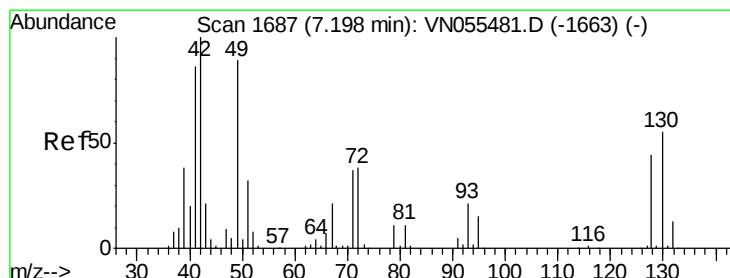
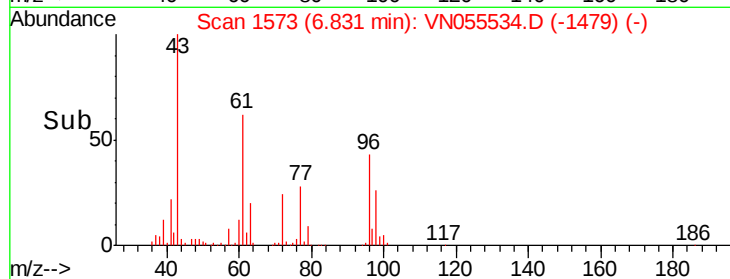
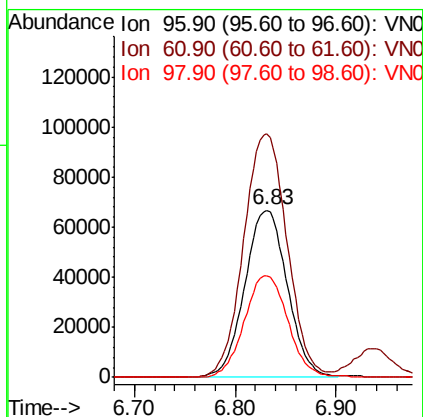
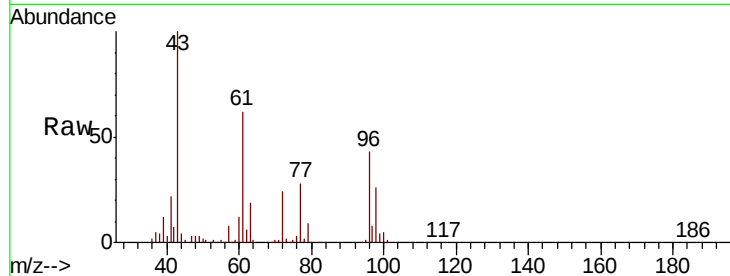




#27
 cis-1,2-Dichloroethene
 Concen: 21.703 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

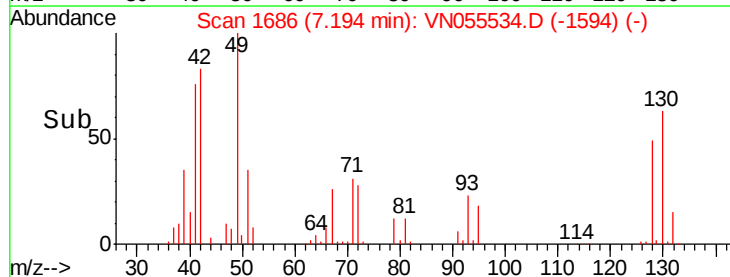
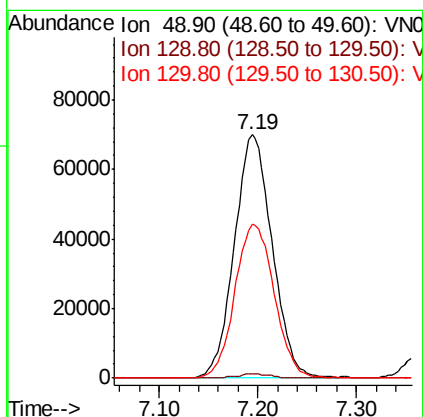
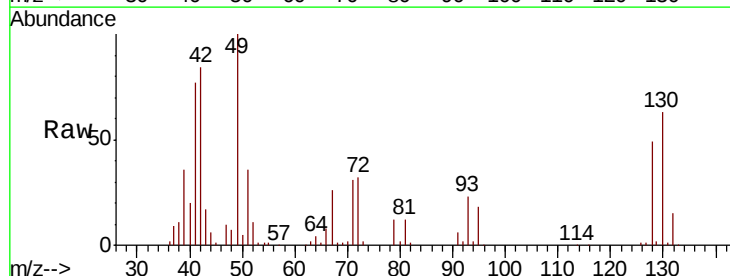
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD02

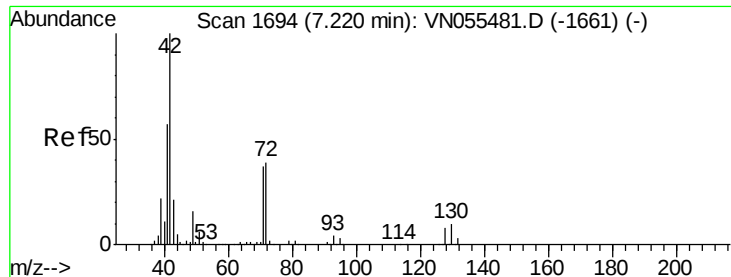
Tot Ion: 96 Resp: 195484
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 310.8
 98 62.0 0.0 129.4



#28
 Bromochloromethane
 Concen: 22.223 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Tgt Ion: 49 Resp: 186423
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.2
 130 65.6 49.5 74.3

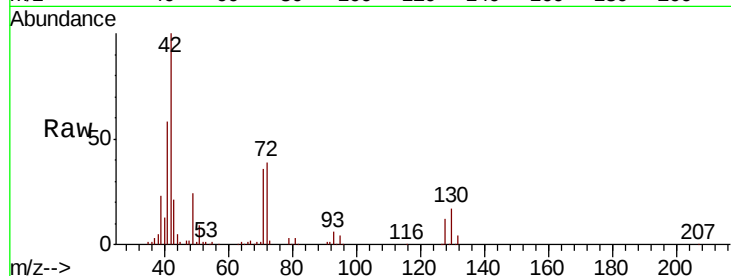




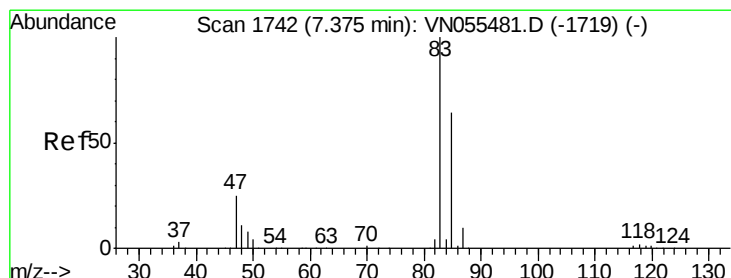
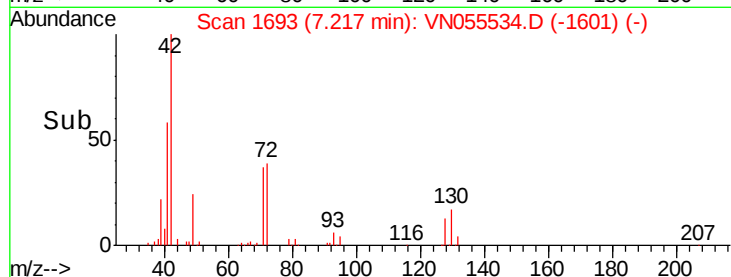
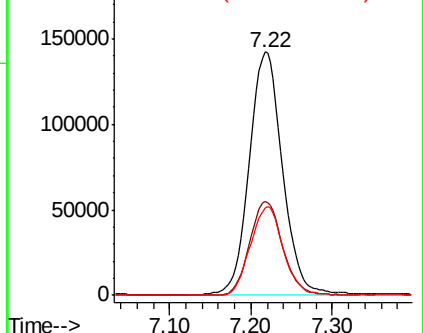
#29
Tetrahydrofuran
Concen: 94.980 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.5	31.0	46.6
71	36.2	29.4	44.2

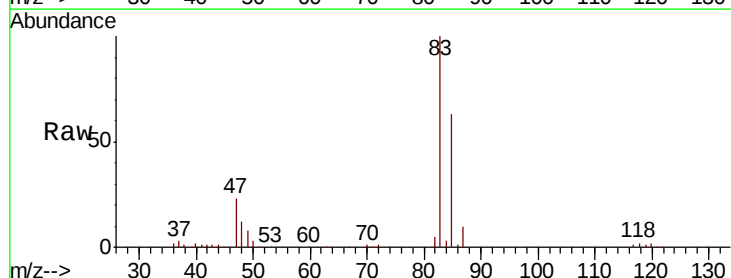


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

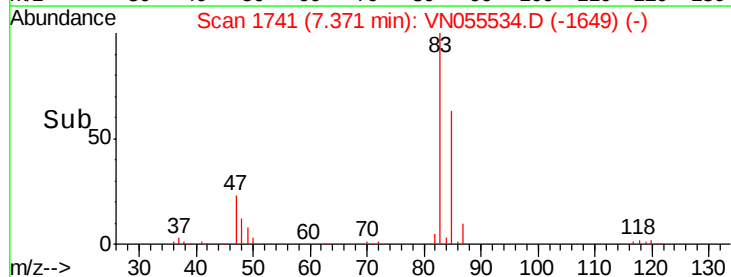
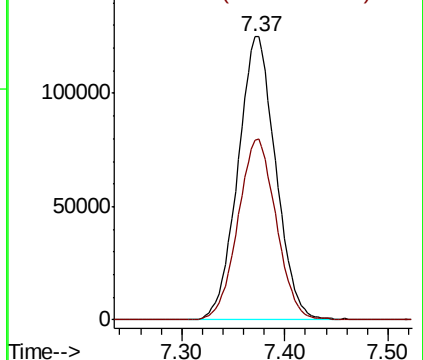


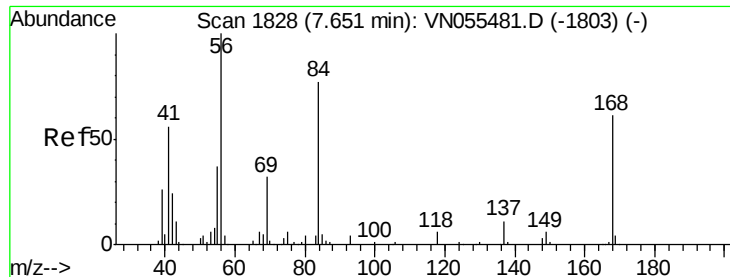
#30
Chloroform
Concen: 21.342 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.3	76.9



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

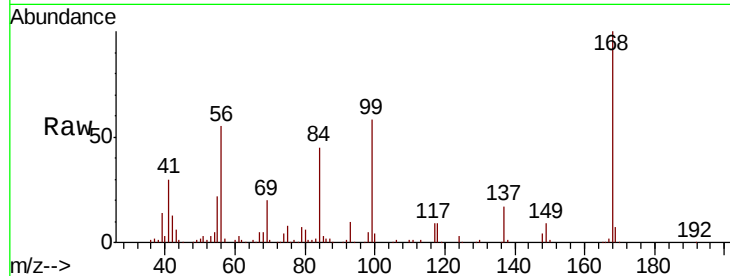




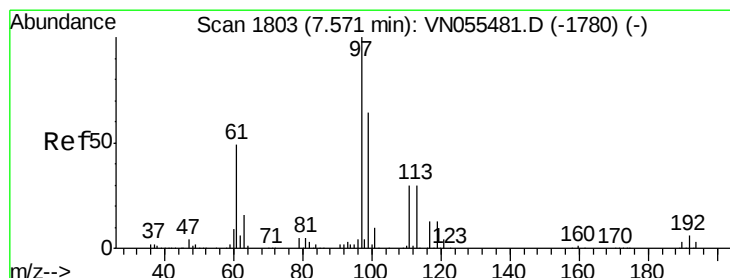
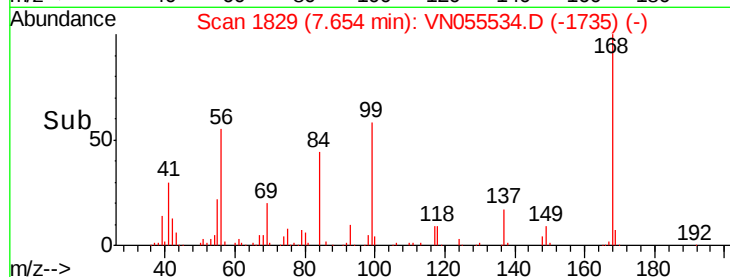
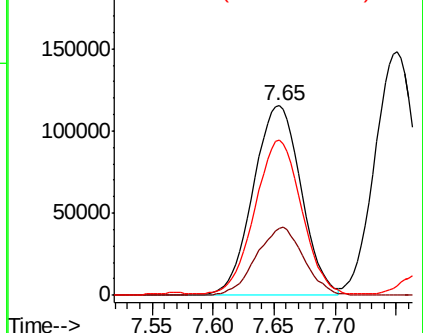
#31
Cyclohexane
Concen: 19.685 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

Tot Ion: 56 Resp: 314612
Ion Ratio Lower Upper
56 100
69 35.6 26.0 39.0
84 80.8 61.9 92.9

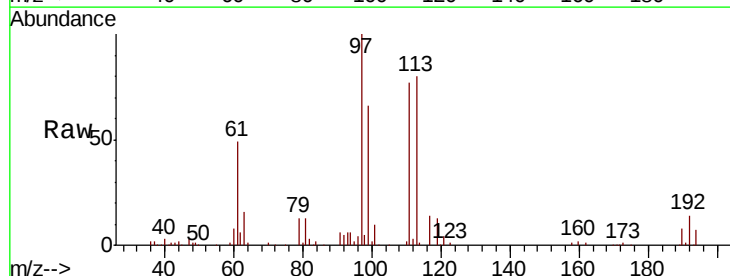


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

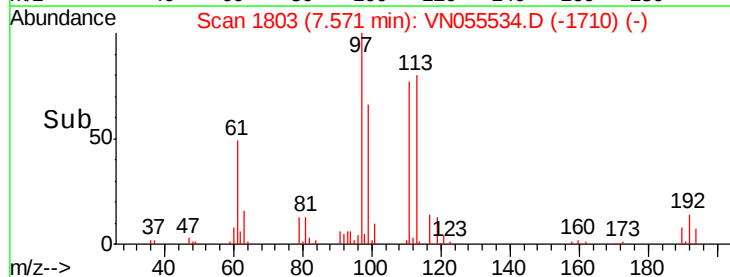
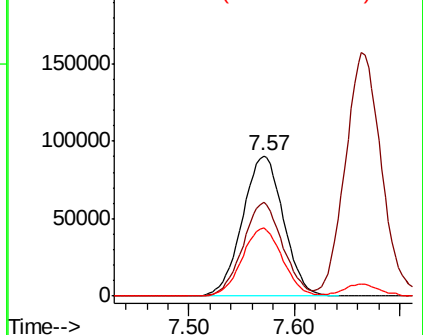


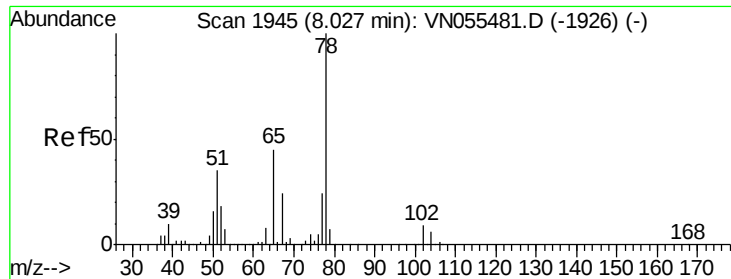
#32
1,1,1-Trichloroethane
Concen: 21.543 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion: 97 Resp: 244972
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 48.0 39.2 58.8



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

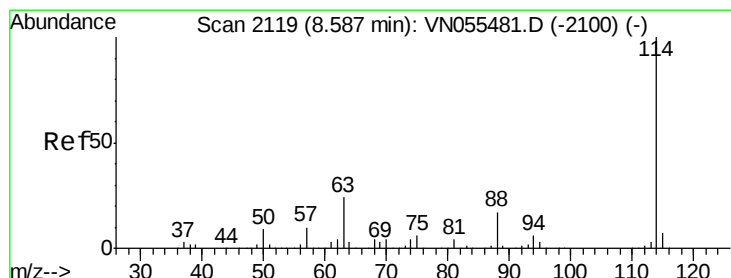
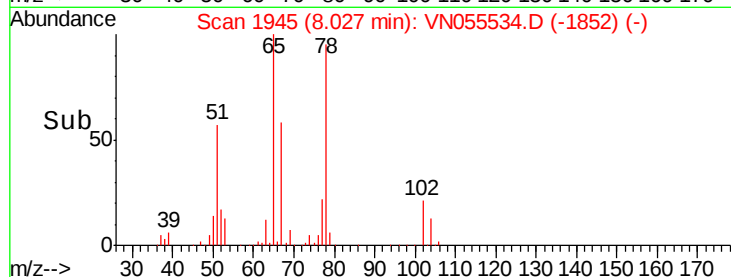
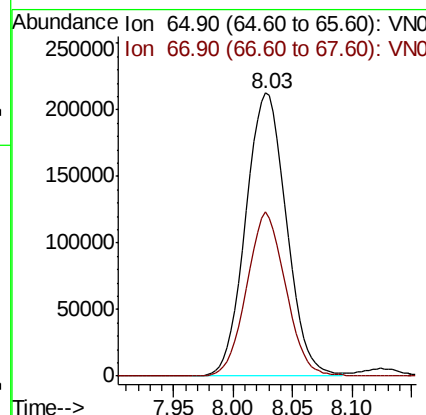
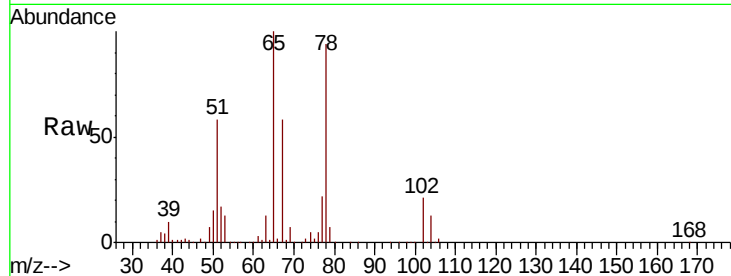




#33
 1,2-Dichloroethane-d4
 Concen: 50.987 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

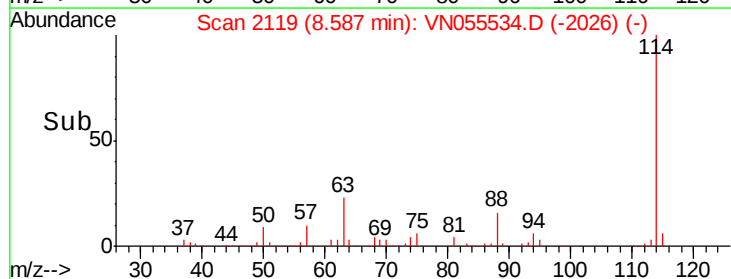
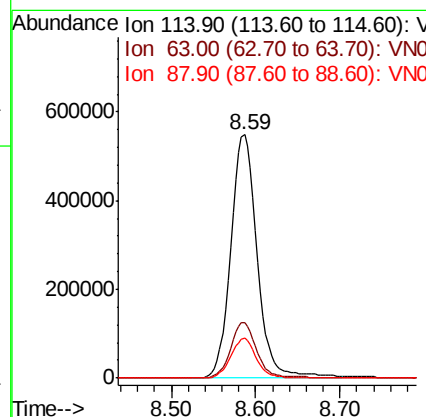
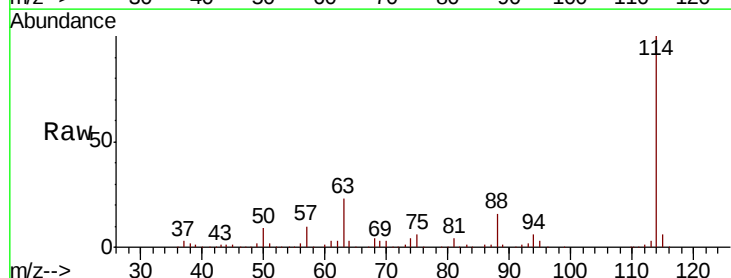
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD02

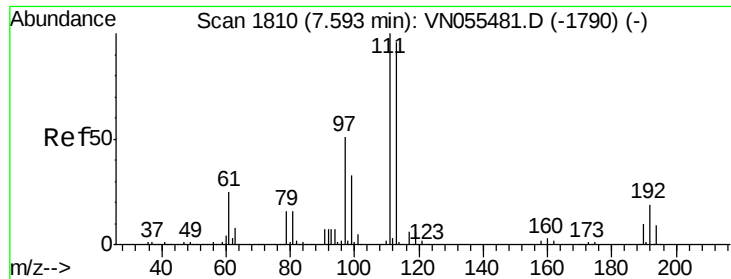
Tot Ion: 65 Resp: 504917
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Tgt Ion: 114 Resp: 1193744
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 16.2 0.0 34.0

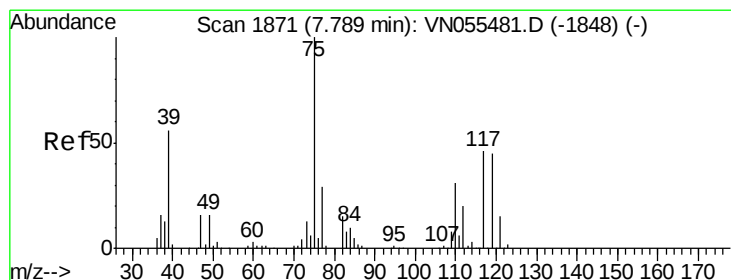
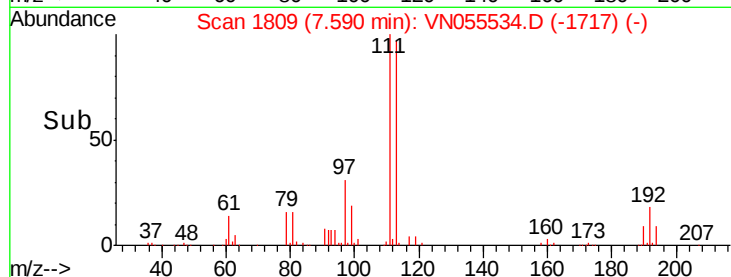
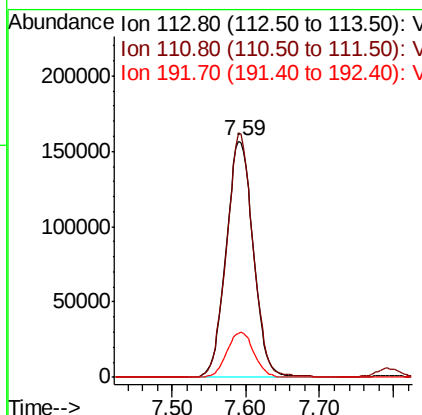
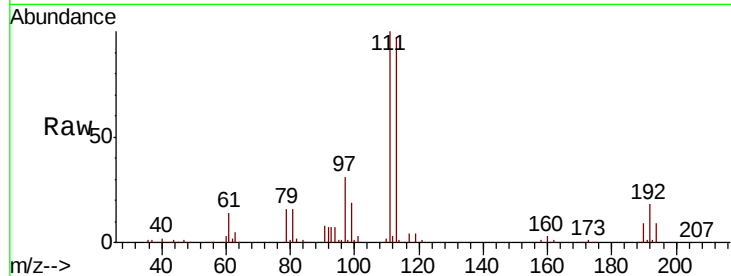




#35
 Dibromofluoromethane
 Concen: 52.185 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

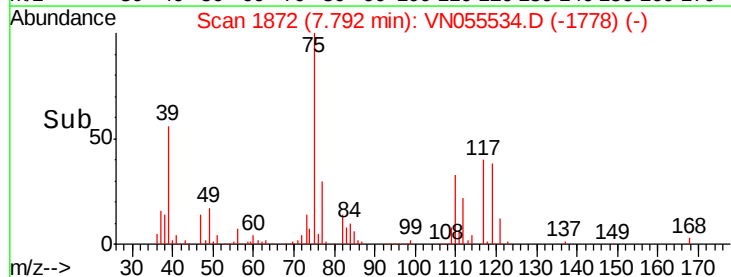
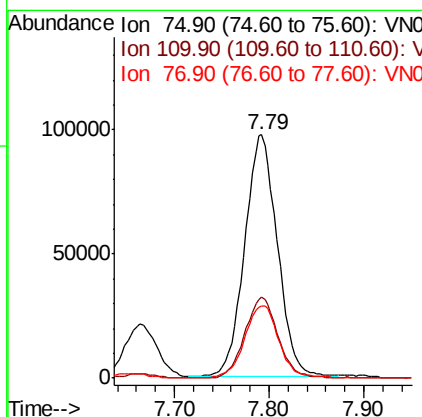
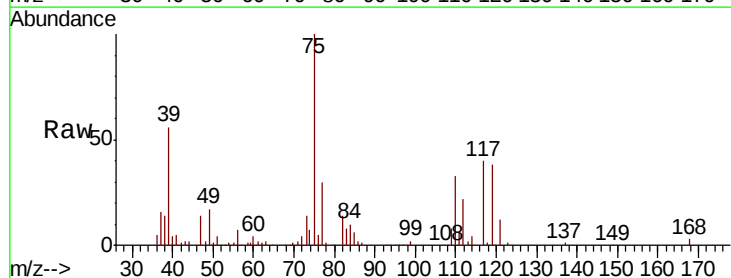
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD02

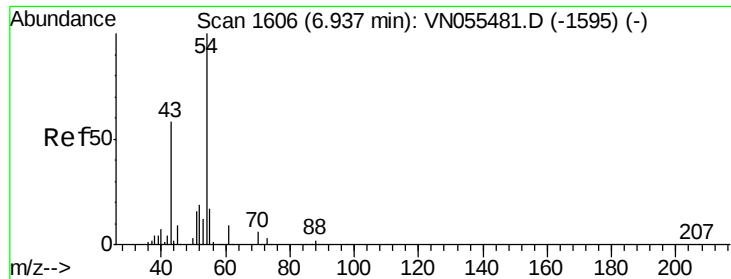
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.9	124.3
192	19.1	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 20.039 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.1	48.3
77	31.3	24.6	37.0

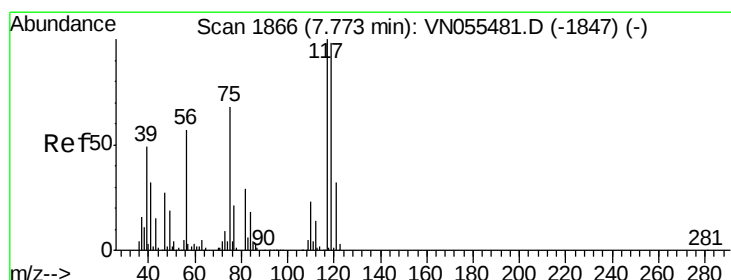
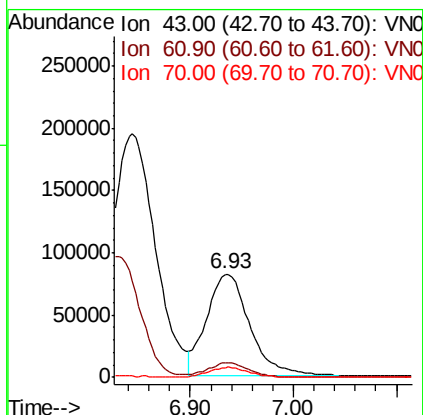
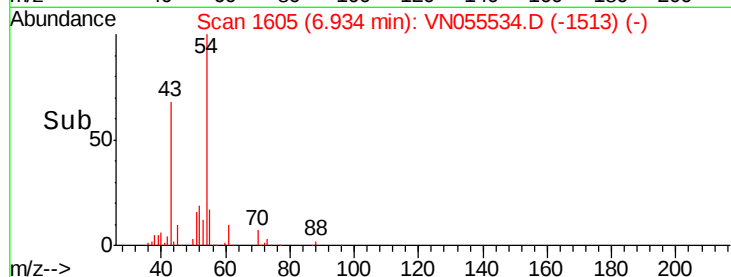
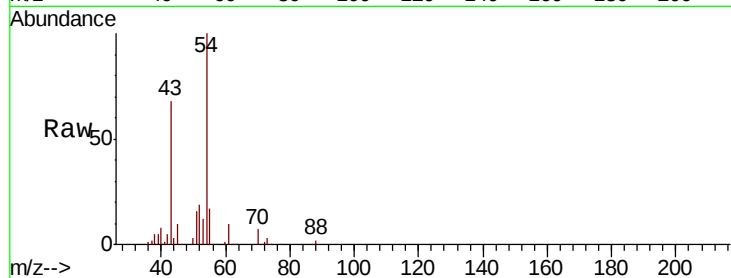




#37
Ethyl Acetate
Concen: 18.581 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

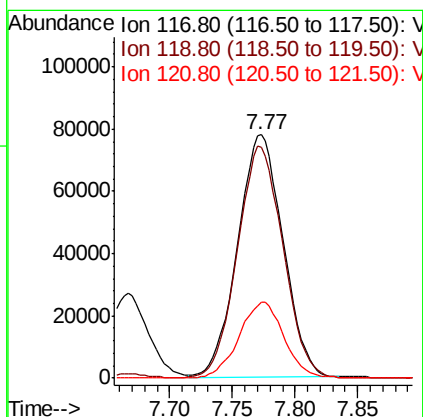
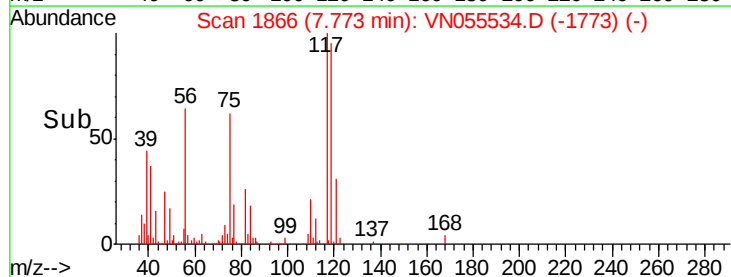
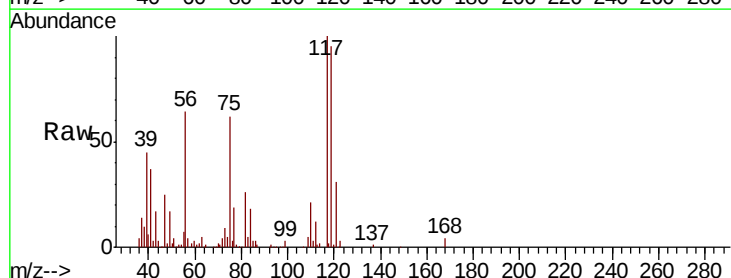
Instrument :
MSVOA_N
ClientSampled :
VN0509WBSD02

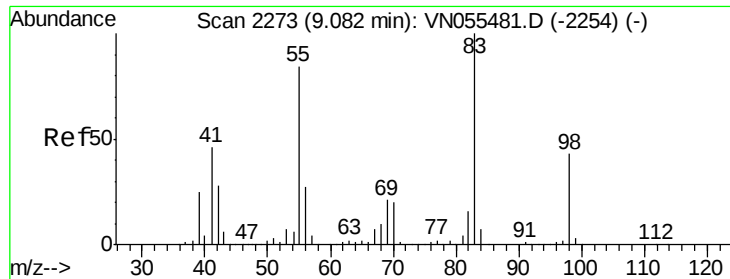
Tot Ion: 43 Resp: 238375
Ion Ratio Lower Upper
43 100
61 13.5 10.9 16.3
70 8.9 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.852 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion: 117 Resp: 196593
Ion Ratio Lower Upper
117 100
119 94.9 77.8 116.6
121 31.3 25.2 37.8

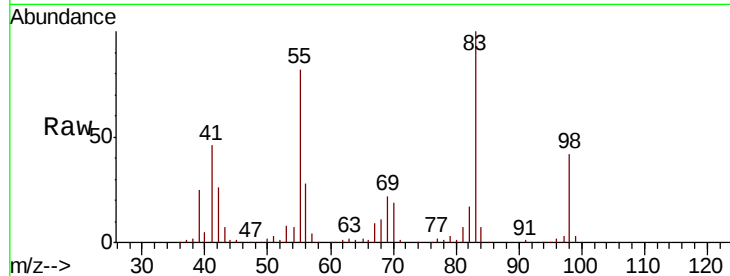




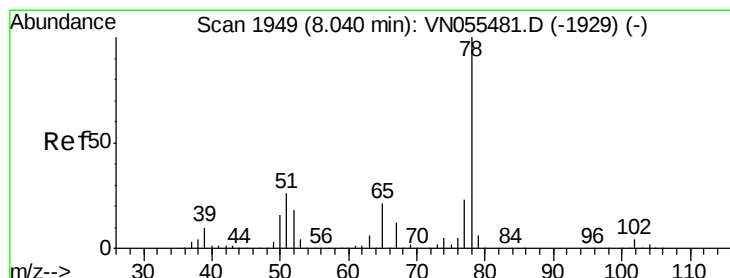
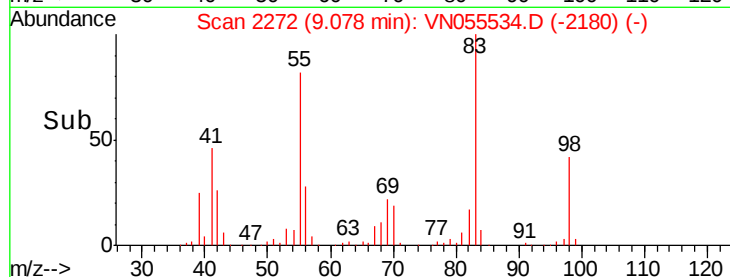
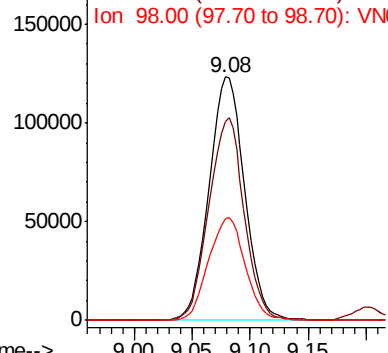
#39
Methvlcvclohexane
Concen: 18.286 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

Tot Ion: 83 Resp: 262202
Ion Ratio Lower Upper
83 100
55 81.8 67.0 100.4
98 41.8 34.2 51.4

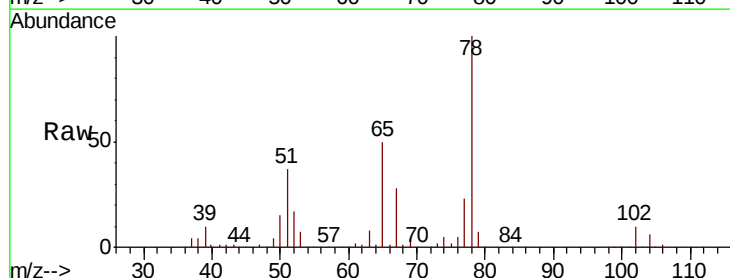


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

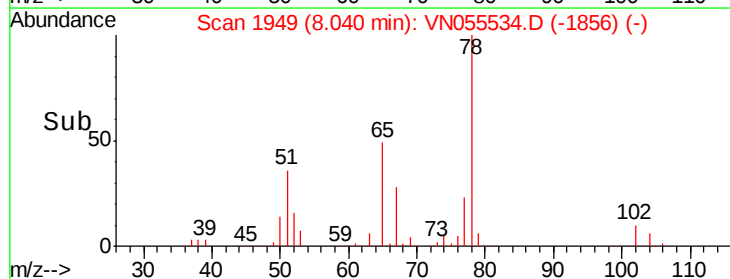
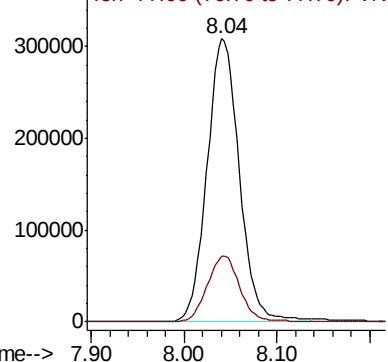


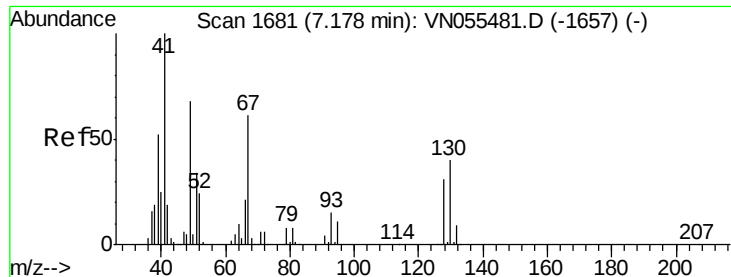
#40
Benzene
Concen: 20.439 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion: 78 Resp: 746001
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8



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

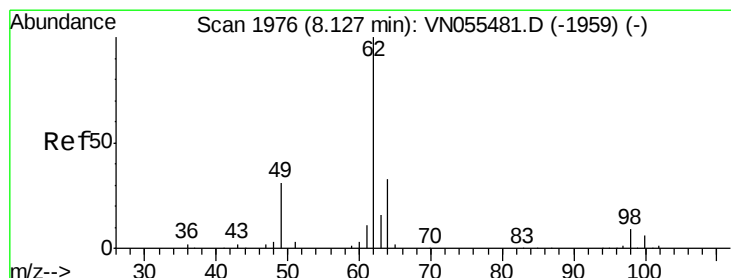
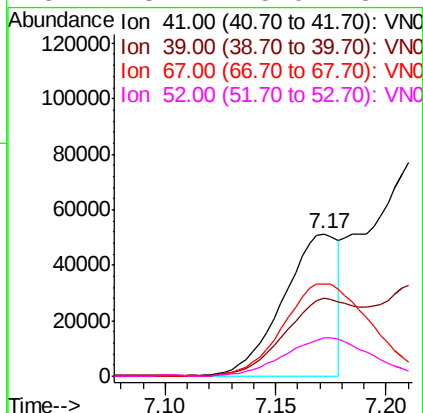
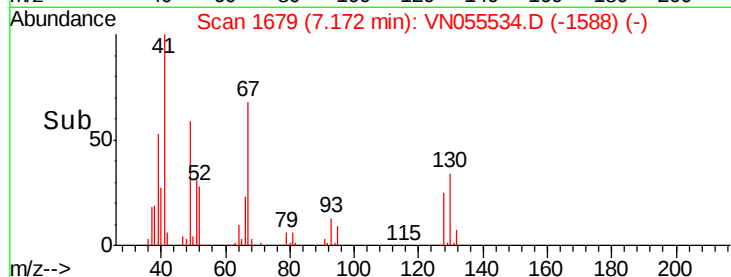
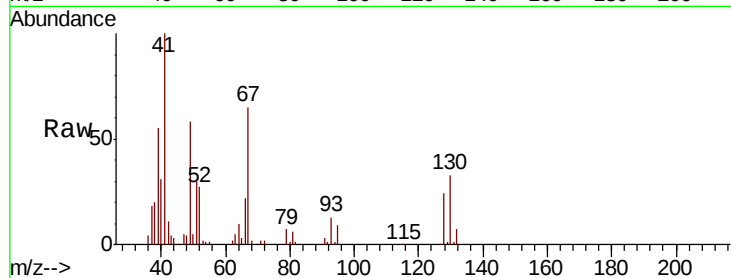




#41
Methacrylonitrile
Concen: 14.959 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

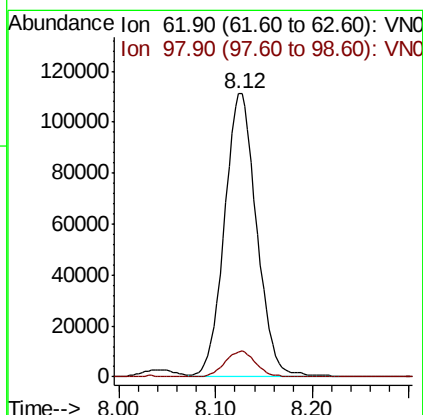
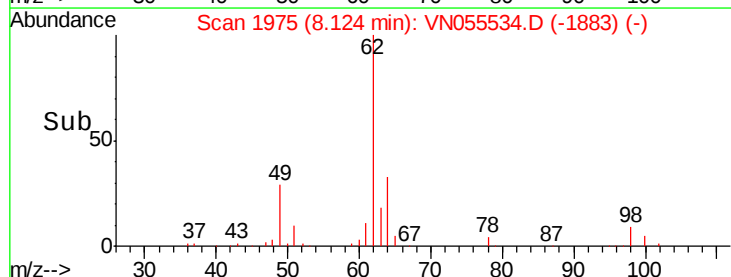
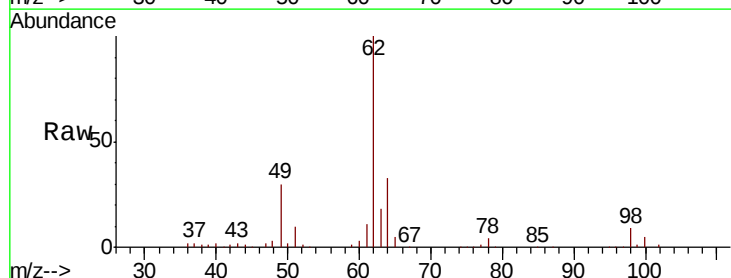
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

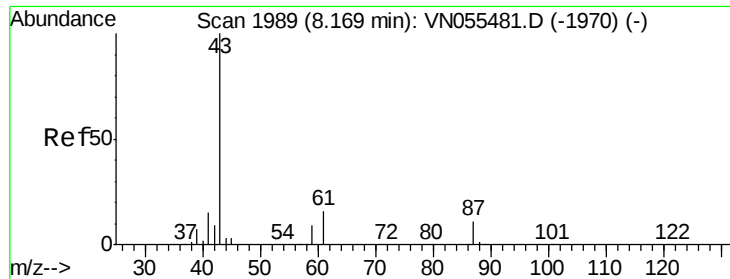
Tot Ion: 41 Resp: 89070
Ion Ratio Lower Upper
41 100
39 68.9 44.7 67.1#
67 105.1 61.4 92.0#
52 43.7 25.0 37.4#



#42
1,2-Dichloroethane
Concen: 19.975 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion: 62 Resp: 256141
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.4





#43

Isopropyl Acetate

Concen: 18.627 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

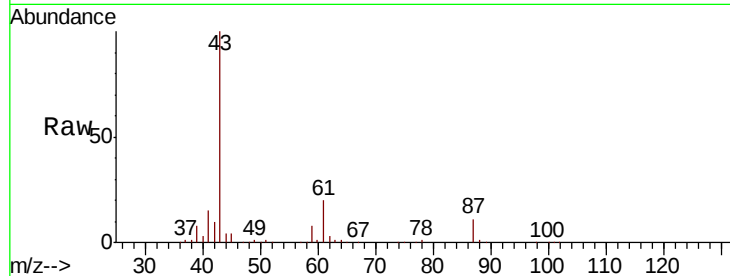
Tot Ion: 43 Resp: 363032

Ion Ratio Lower Upper

43 100

61 27.3 15.1 22.7#

87 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055534.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN055534.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN055534.D (-1988) (-)

8.17

200000

150000

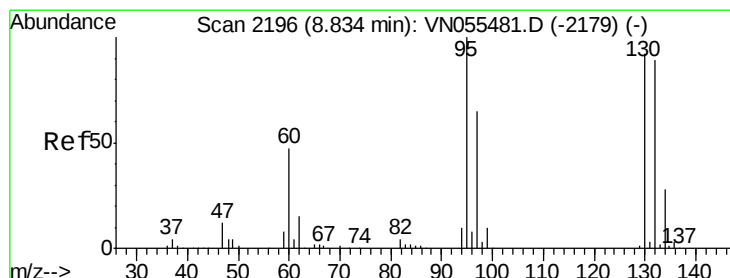
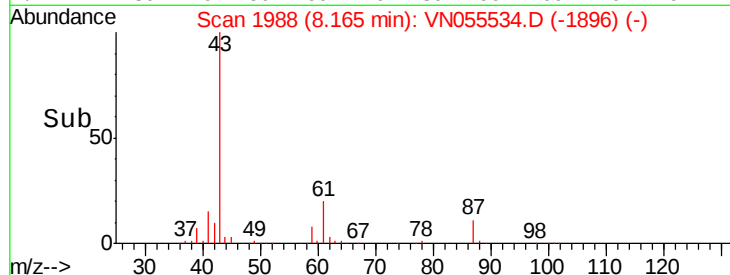
100000

50000

0

8.10 8.15 8.20 8.25

Time-->



#44

Trichloroethene

Concen: 20.505 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055534.D

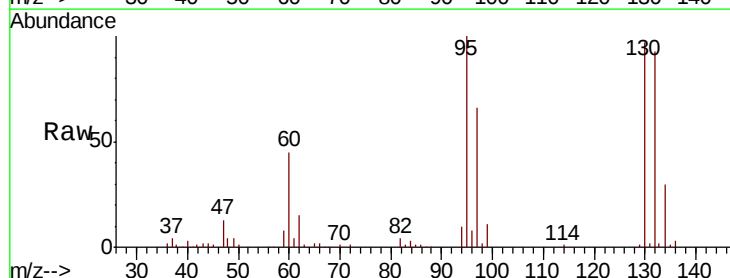
Acq: 10 May 2019 7:29

Tgt Ion:130 Resp: 178083

Ion Ratio Lower Upper

130 100

95 103.3 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055534.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN055534.D (-2197) (-)

8.84

100000

80000

60000

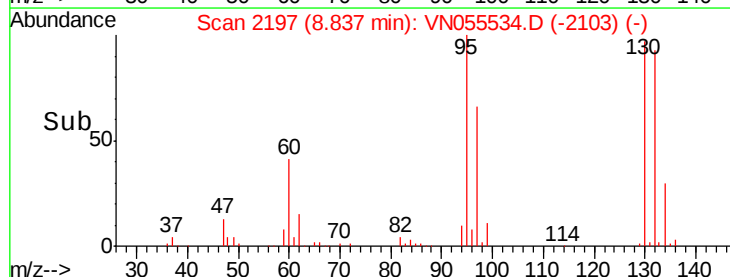
40000

20000

0

8.75 8.80 8.85 8.90 8.95

Time-->

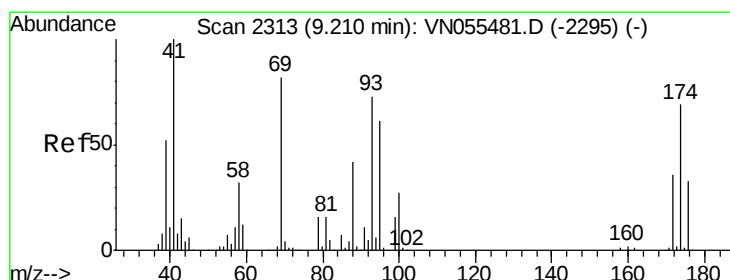
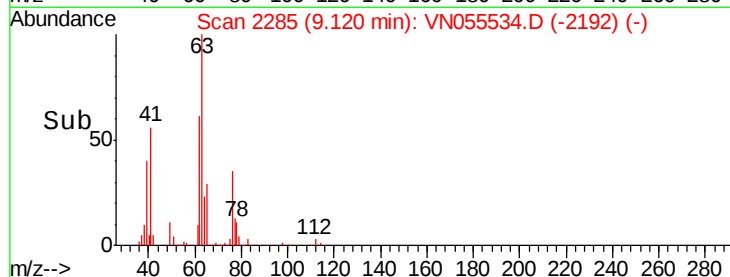
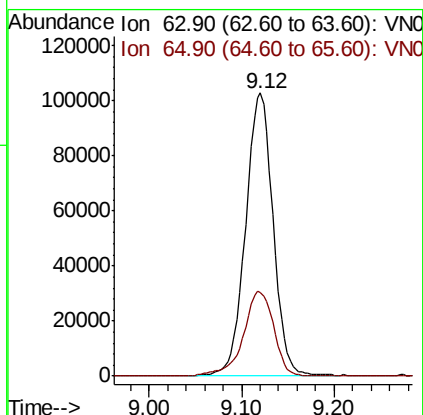
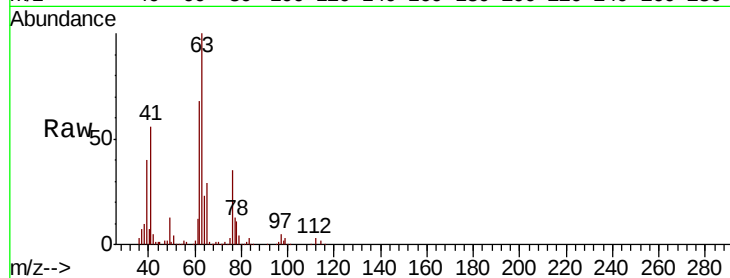




#45
 1,2-Dichloropropane
 Concen: 20.307 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

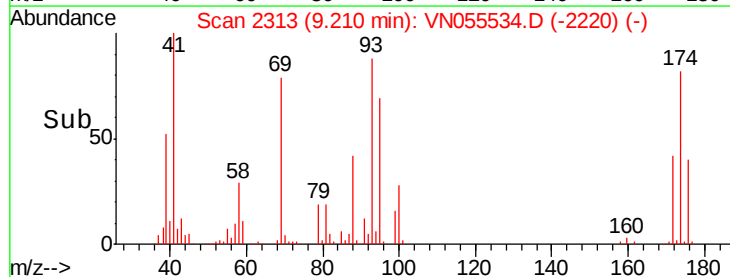
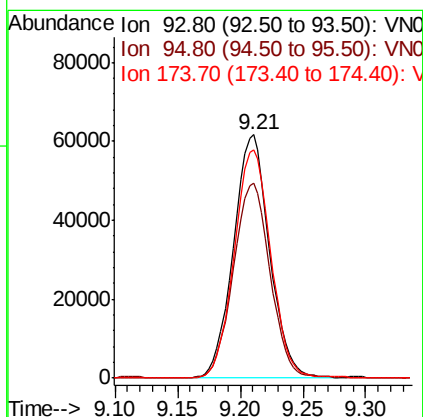
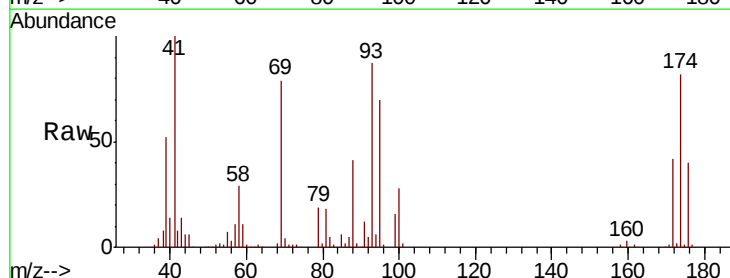
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD02

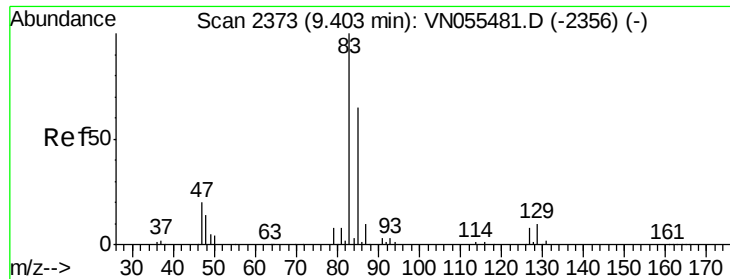
Tot Ion: 63 Resp: 212071
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.1 36.1



#46
 Dibromomethane
 Concen: 20.448 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Tgt Ion: 93 Resp: 123780
 Ion Ratio Lower Upper
 93 100
 95 81.7 64.8 97.2
 174 94.7 75.0 112.6





#47

Bromodichloromethane

Concen: 20.474 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

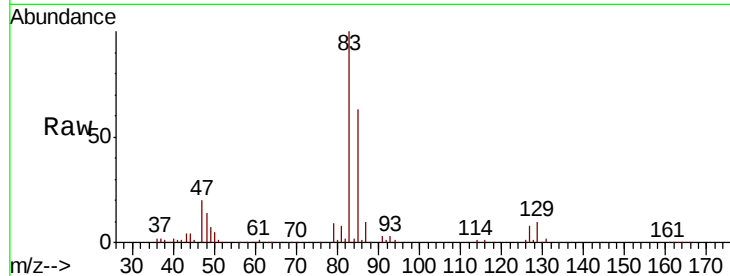
Tot Ion: 83 Resp: 237104

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.2

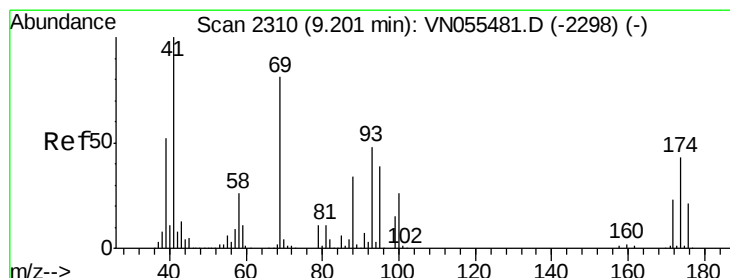
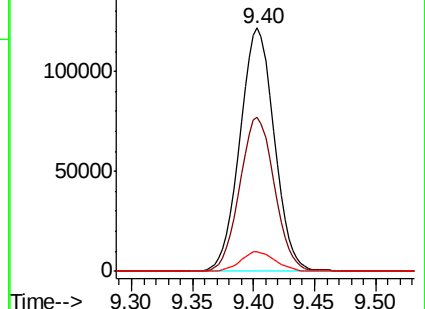
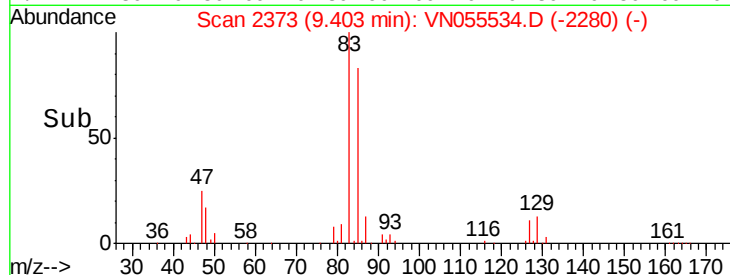
127 8.2 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN055534.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055534.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055534.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.977 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

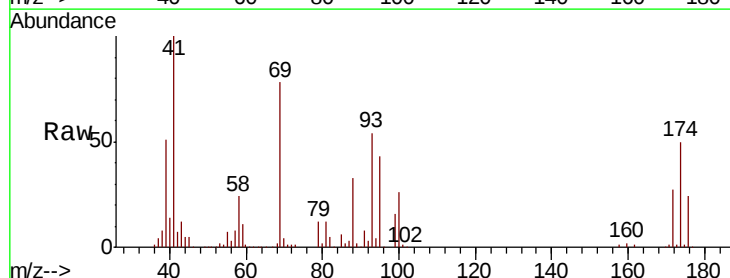
Tgt Ion: 41 Resp: 178201

Ion Ratio Lower Upper

41 100

69 81.1 64.2 96.2

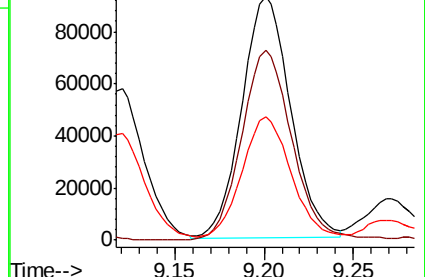
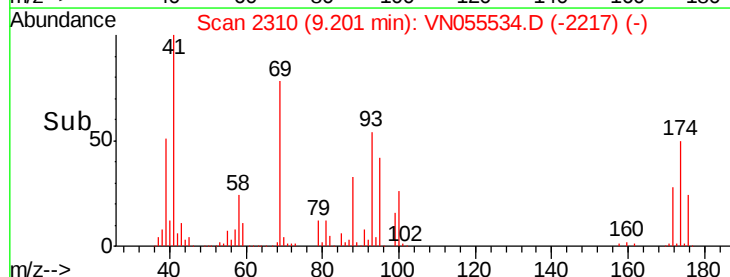
39 51.5 41.6 62.4

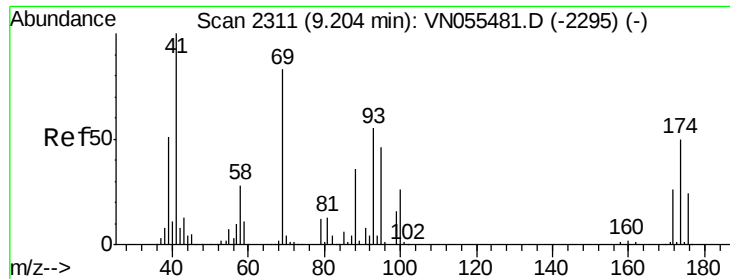


Abundance Ion 41.00 (40.70 to 41.70): VN055534.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055534.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055534.D (-2217) (-)

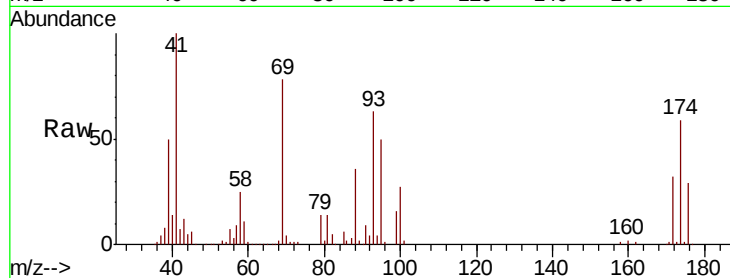




#49
1,4-Dioxane
Concen: 379.907 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

Tot Ion	88	Resp	69531
Ion	Ratio	Lower	Upper
88	100		
43	32.8	27.8	41.8
58	72.2	61.8	92.6

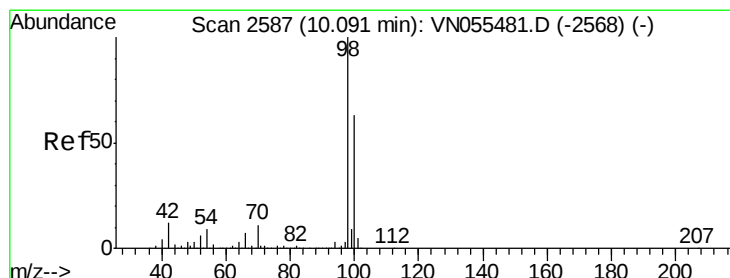
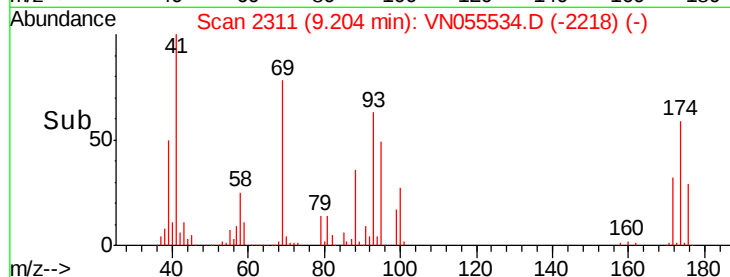
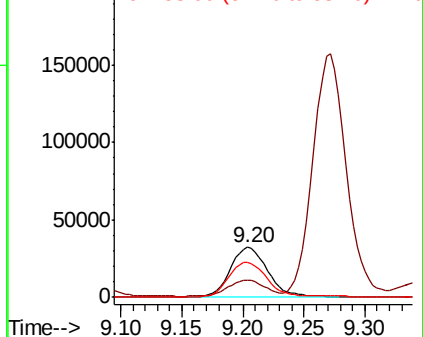


Abundance

Ion 88.00 (87.70 to 88.70): VN0

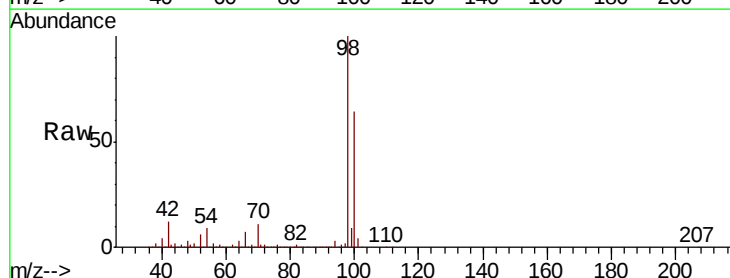
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50
Toluene-d8
Concen: 50.453 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

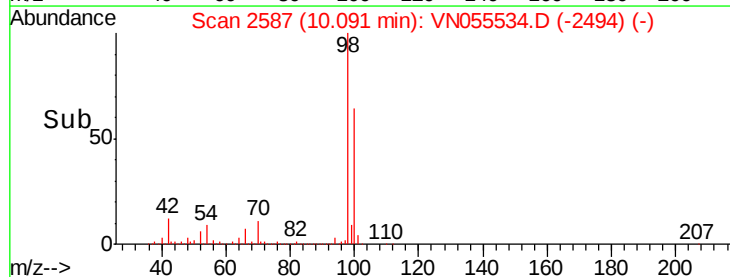
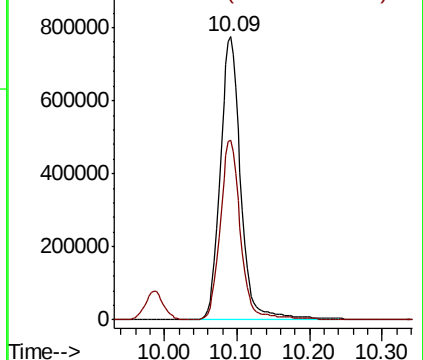
Tgt Ion	98	Resp	1514015
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.4	75.6

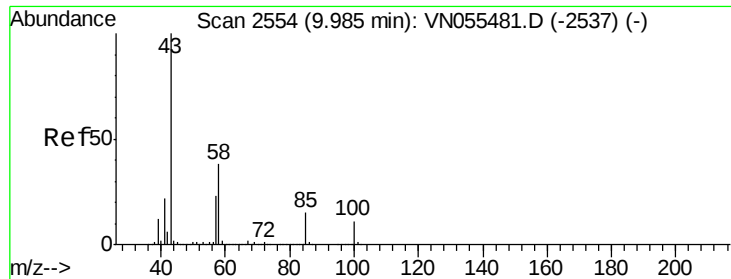


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 90.269 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

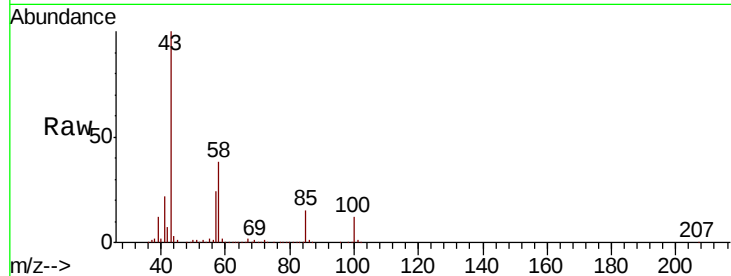
VN0509WBSD02

Tot Ion: 43 Resp: 1157082

Ion Ratio Lower Upper

43 100

58 38.1 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055481.D (-2537) (-)

9.99

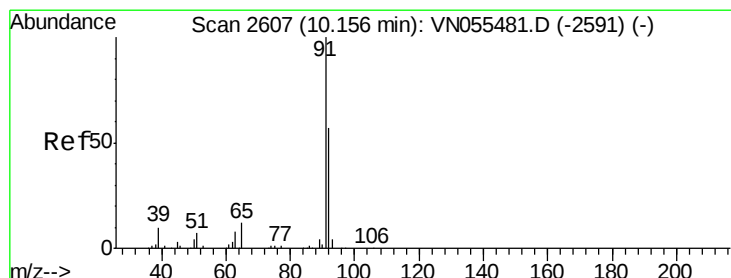
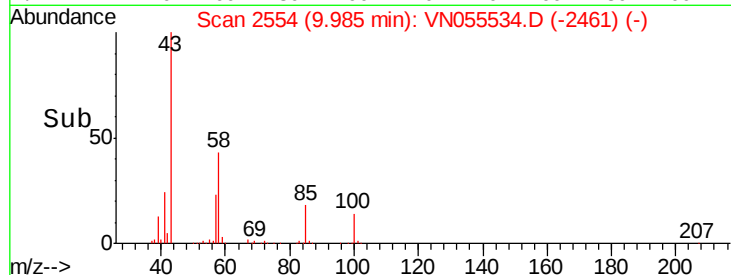
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 20.287 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055534.D

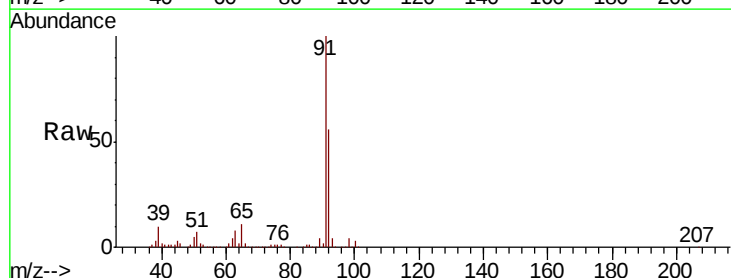
Acq: 10 May 2019 7:29

Tgt Ion: 92 Resp: 423325

Ion Ratio Lower Upper

92 100

91 179.3 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VN055481.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055481.D (-2591) (-)

10.16

400000

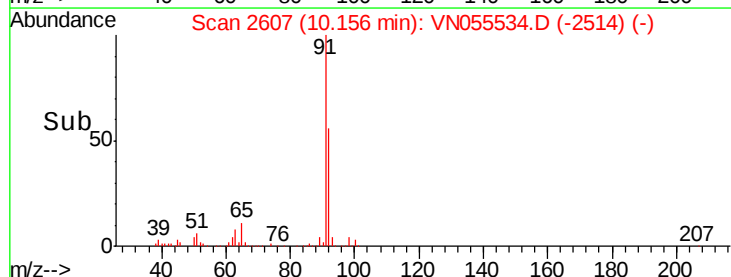
300000

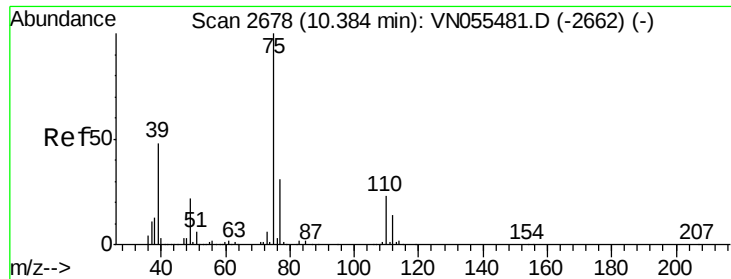
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.187 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

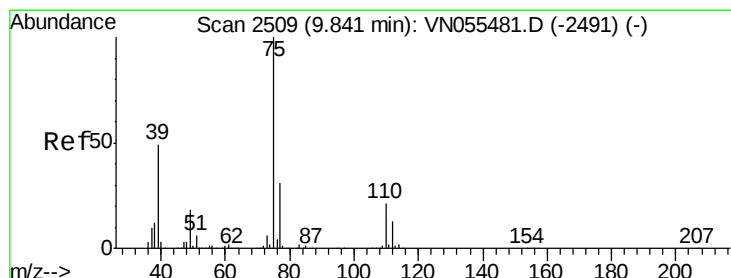
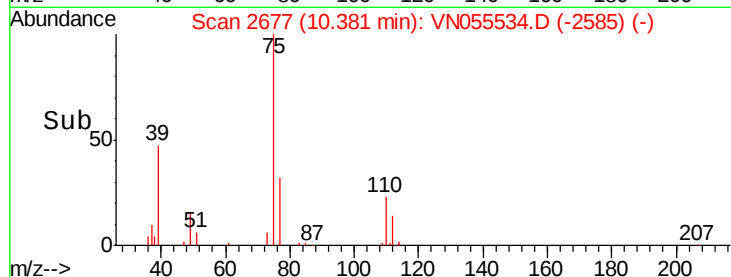
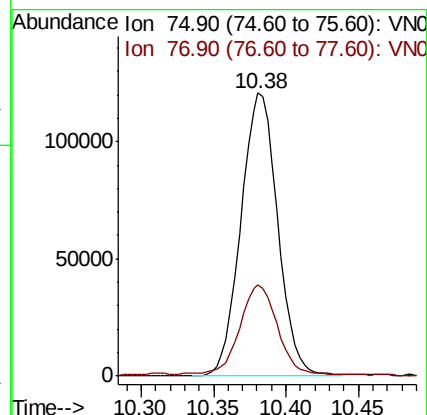
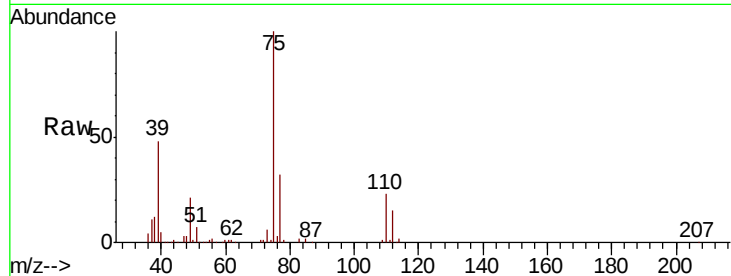
VN0509WBSD02

Tot Ion: 75 Resp: 213399

Ion Ratio Lower Upper

75 100

77 31.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.485 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

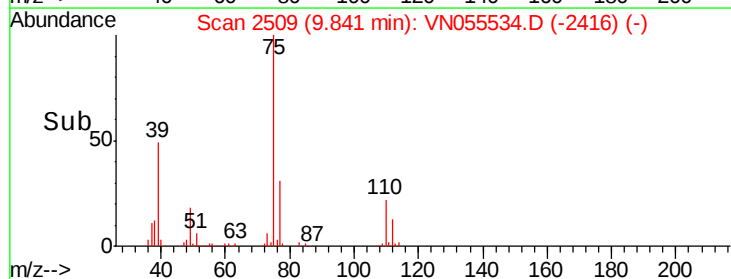
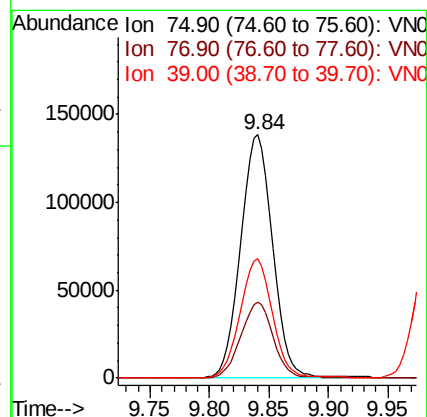
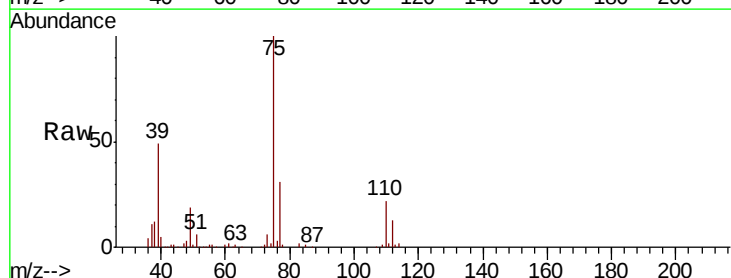
Tgt Ion: 75 Resp: 258969

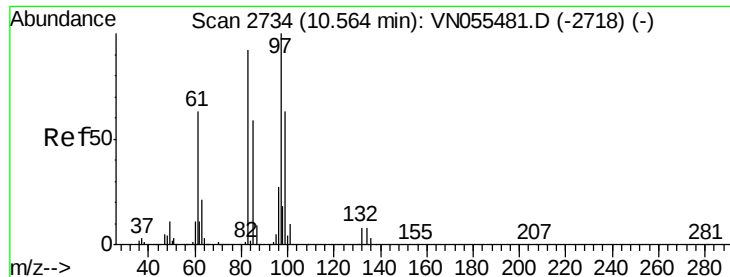
Ion Ratio Lower Upper

75 100

77 31.0 24.4 36.6

39 48.7 39.5 59.3

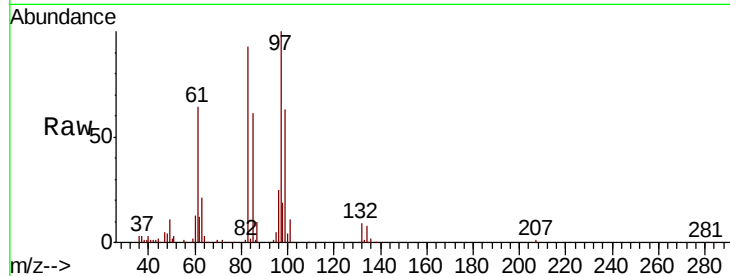




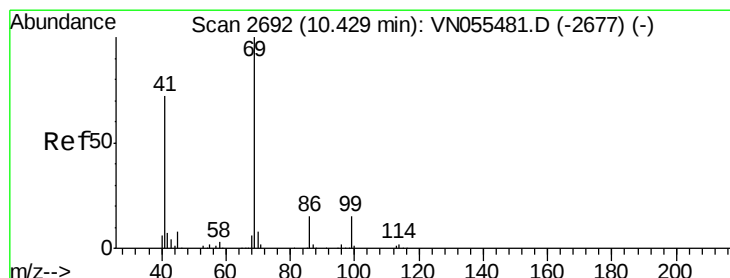
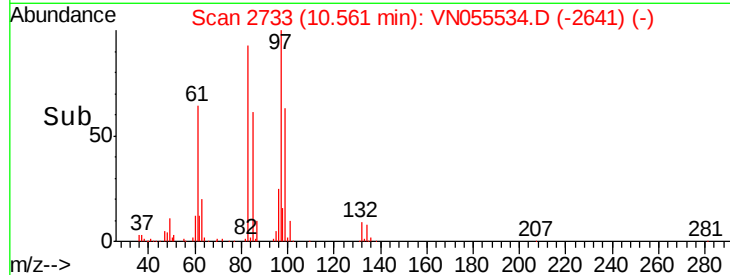
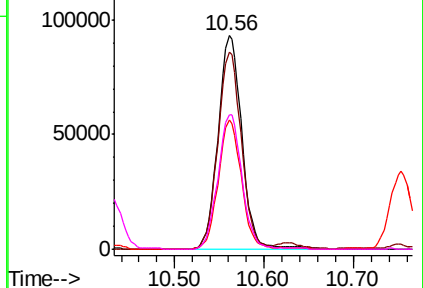
#55
 1,1,2-Trichloroethane
 Concen: 20.338 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD02

Tot Ion:	97	Resp:	171950
Ion	Ratio	Lower	Upper
97	100		
83	92.4	73.2	109.8
85	60.6	47.5	71.3
99	63.0	50.2	75.2

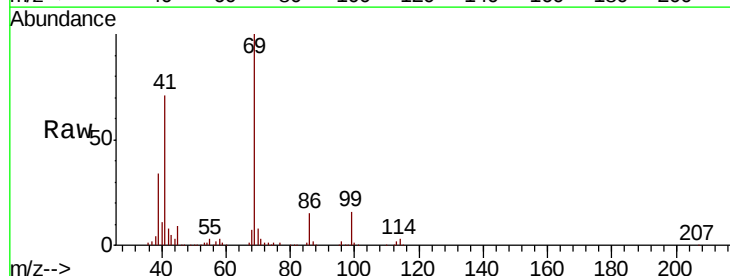


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

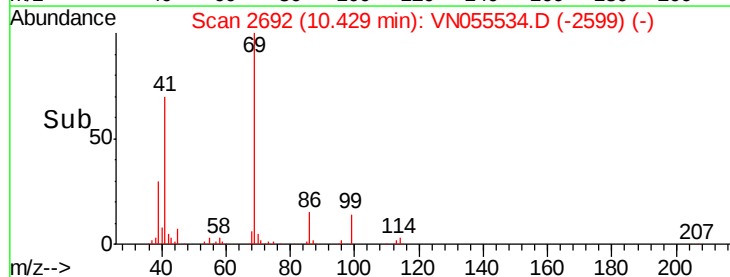
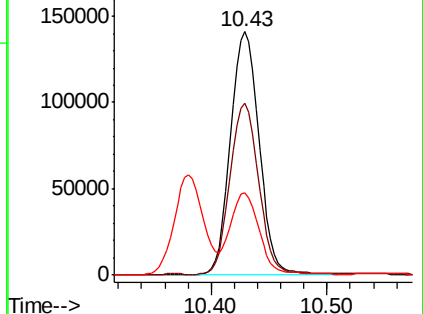


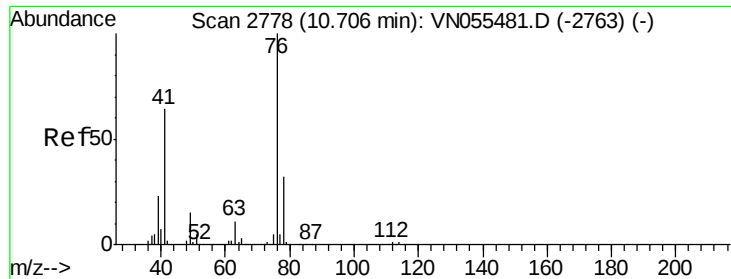
#56
 Ethyl methacrylate
 Concen: 19.237 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Tgt Ion:	69	Resp:	241911
Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.2	84.2
39	33.1	27.8	41.6



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





#57

1,3-Dichloropropane

Concen: 20.095 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

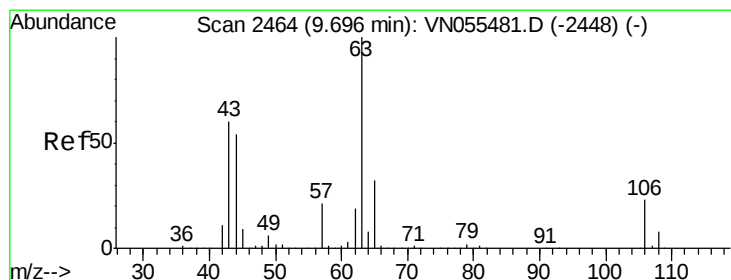
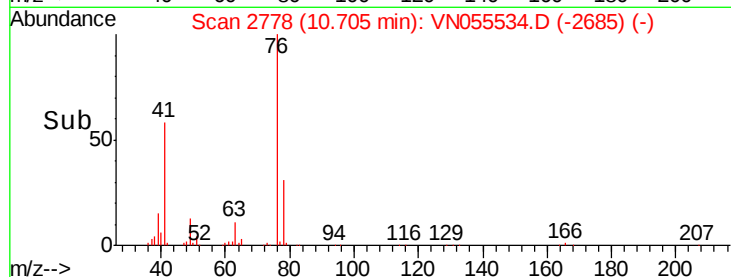
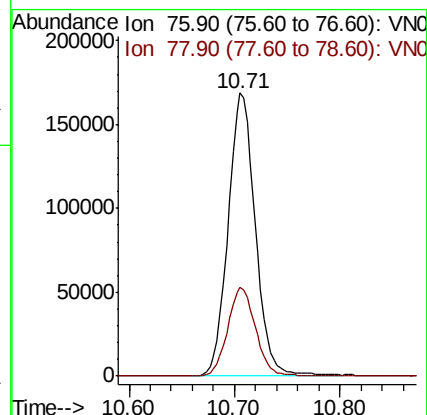
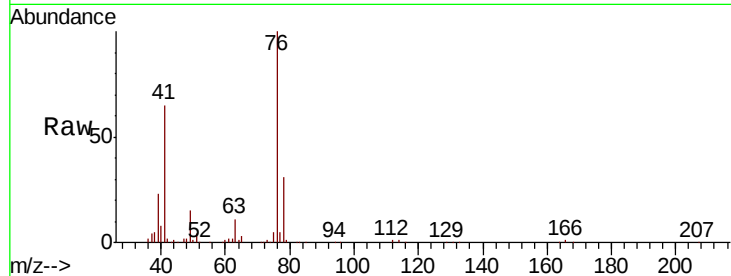
VN0509WBSD02

Tot Ion: 76 Resp: 301611

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 82.402 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055534.D

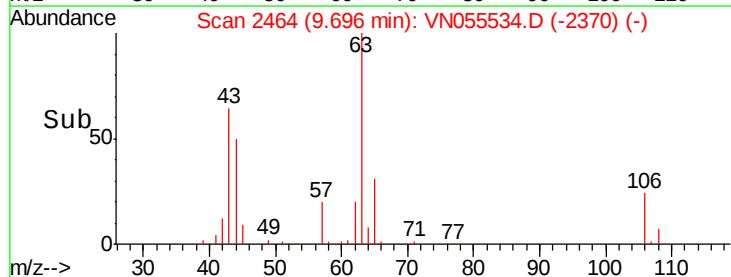
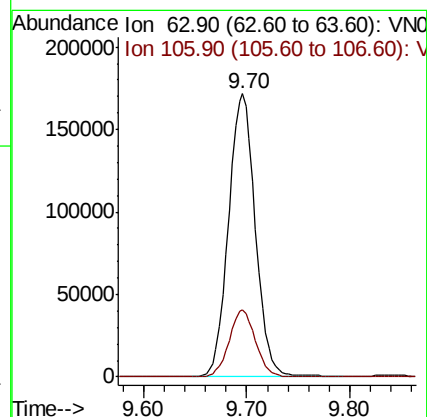
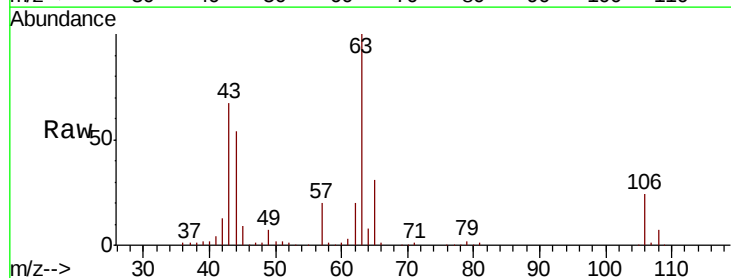
Acq: 10 May 2019 7:29

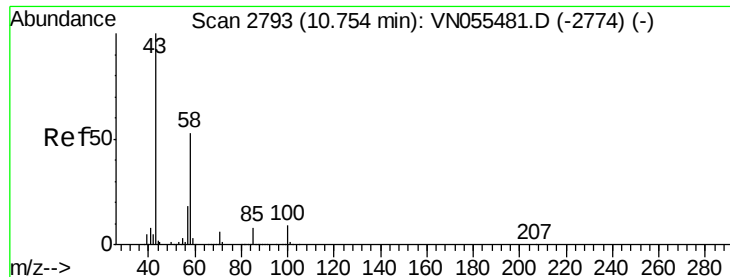
Tgt Ion: 63 Resp: 311456

Ion Ratio Lower Upper

63 100

106 23.2 18.6 27.8

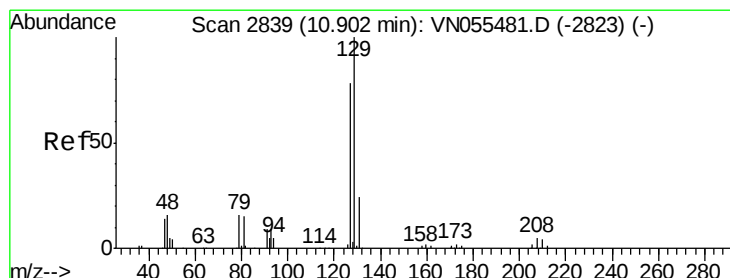
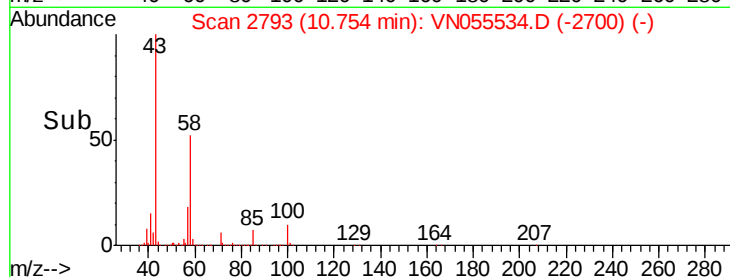
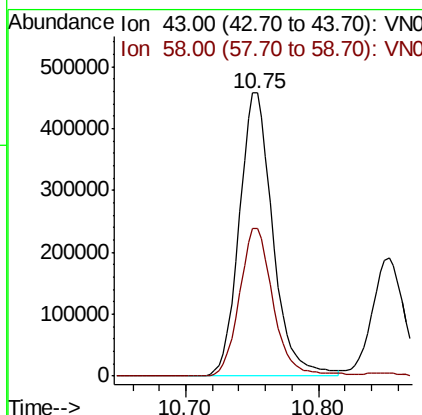
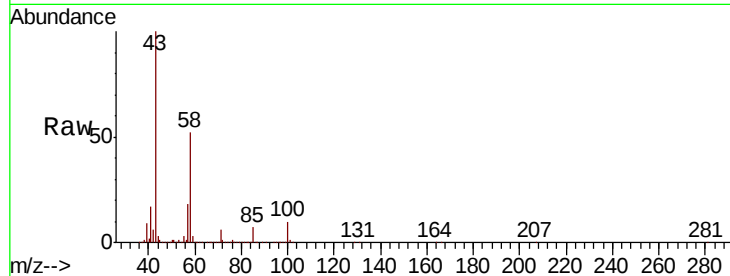




#59
2-Hexanone
Concen: 89.269 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

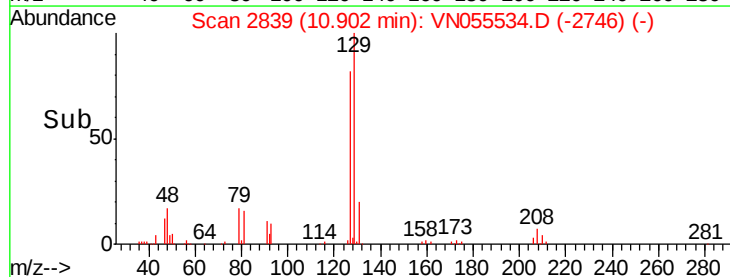
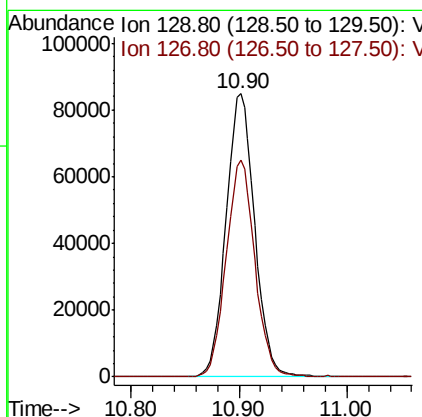
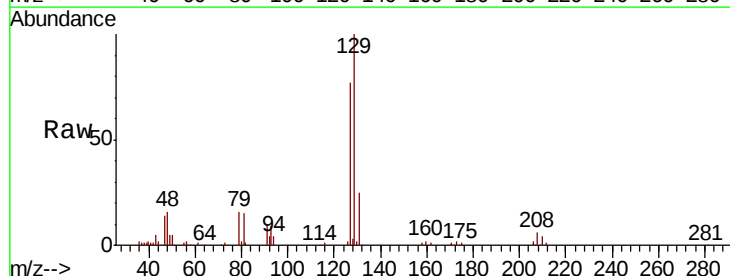
Instrument :
MSVOA_N
ClientSampled :
VN0509WBSD02

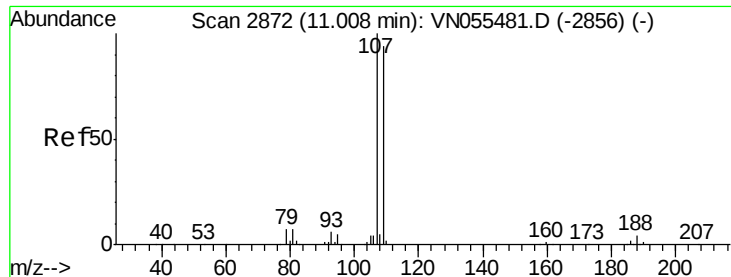
Tot Ion: 43 Resp: 802480
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.0



#60
Dibromochloromethane
Concen: 20.432 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion: 129 Resp: 157053
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0

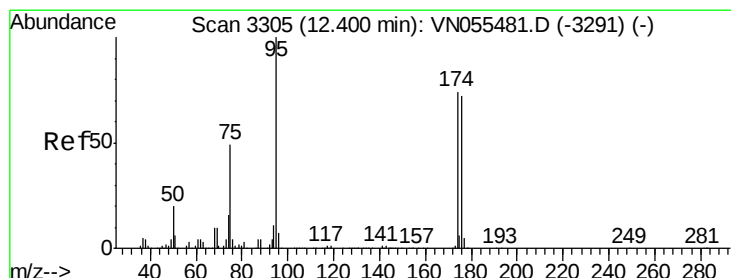
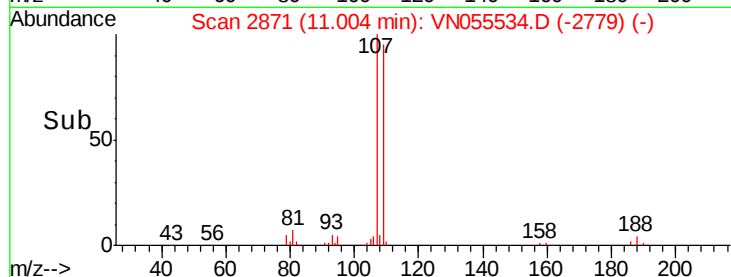
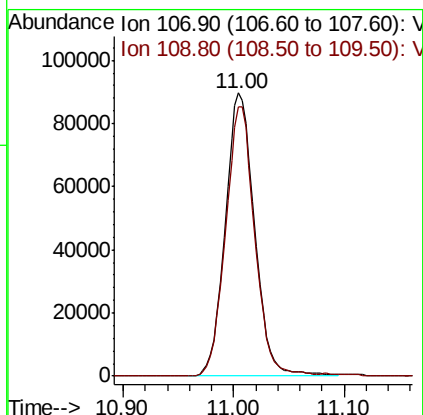
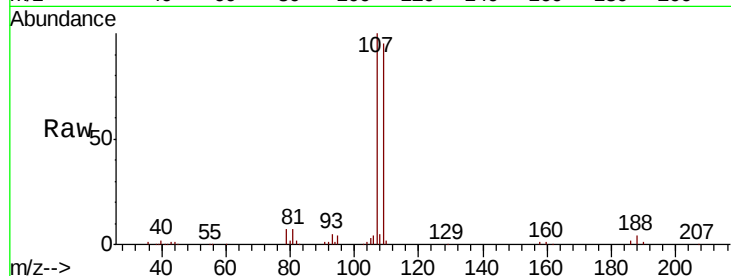




#61
 1,2-Dibromoethane
 Concen: 20.394 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

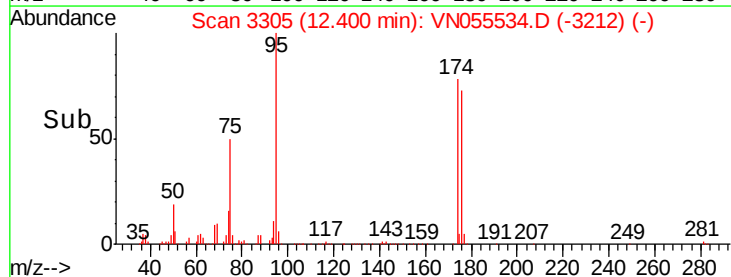
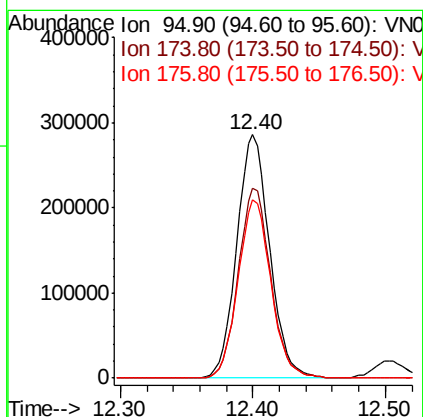
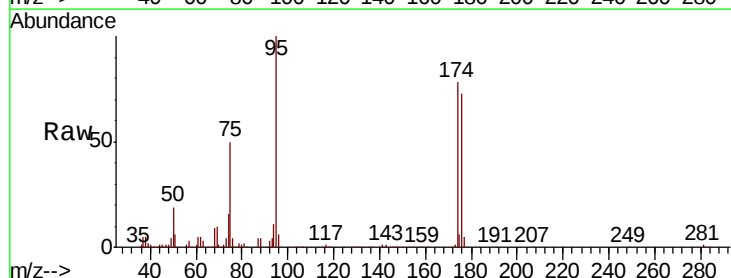
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD02

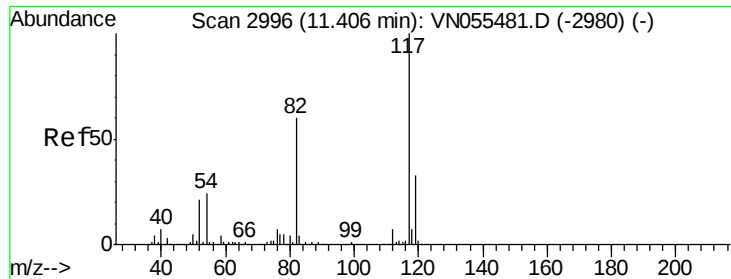
Tot Ion:107 Resp: 165664
 Ion Ratio Lower Upper
 107 100
 109 94.4 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 48.650 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Tgt Ion: 95 Resp: 492261
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 152.2
 176 73.3 0.0 147.8

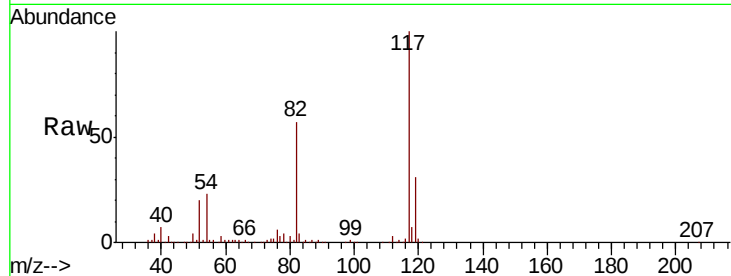




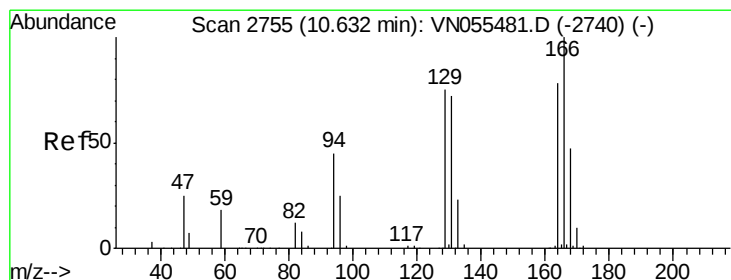
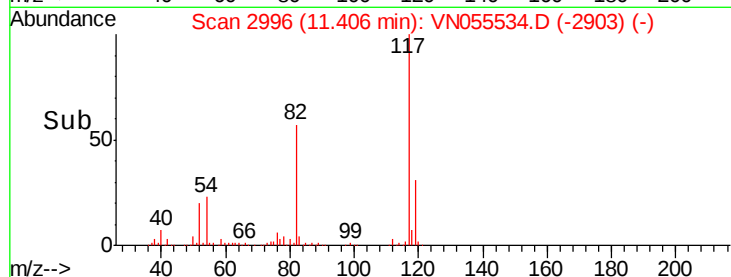
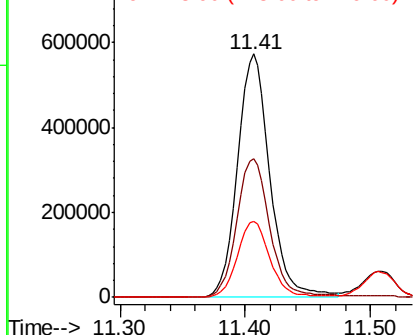
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

Tot Ion:117 Resp: 1027744
Ion Ratio Lower Upper
117 100
82 57.2 48.0 72.0
119 31.4 26.0 39.0

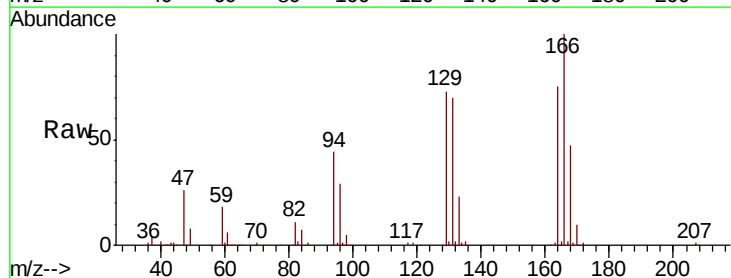


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

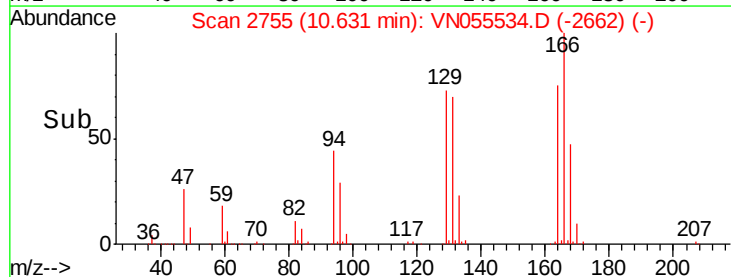
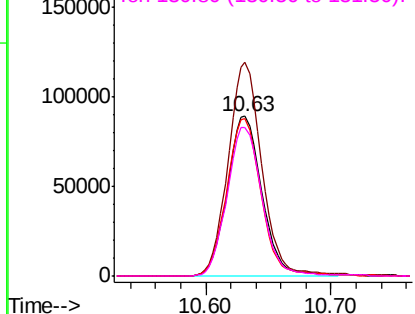


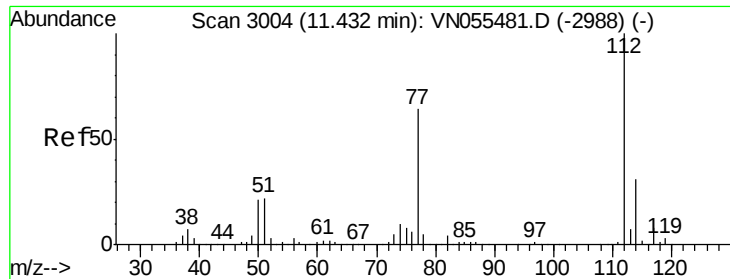
#64
Tetrachloroethene
Concen: 20.313 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion:164 Resp: 171062
Ion Ratio Lower Upper
164 100
166 133.8 102.6 153.8
129 98.3 77.0 115.6
131 93.3 73.7 110.5



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

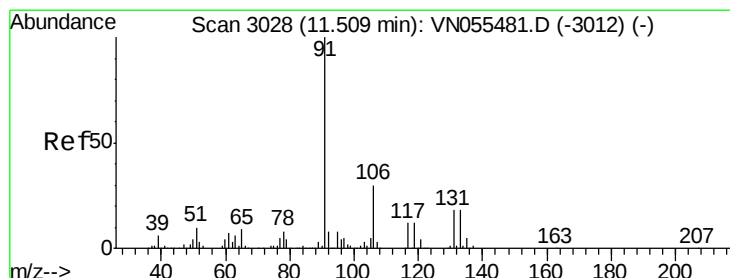
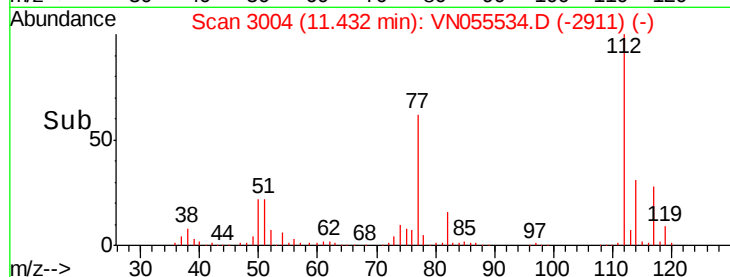
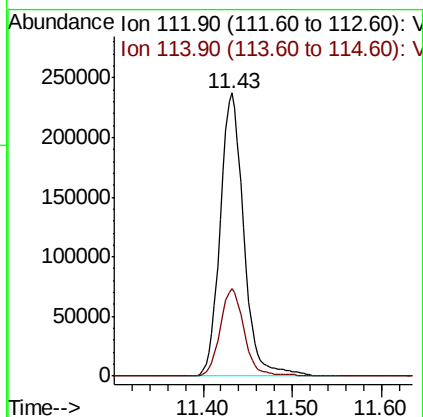
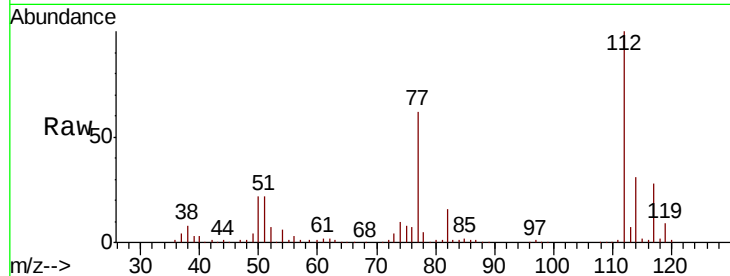




#65
Chlorobenzene
Concen: 20.549 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

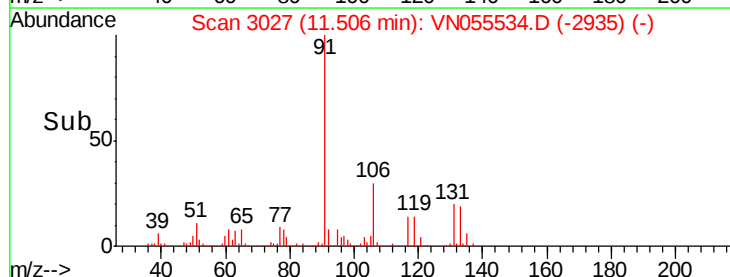
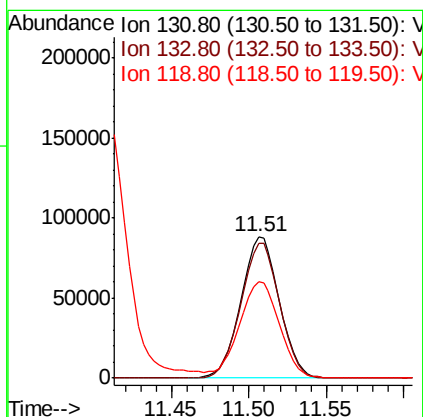
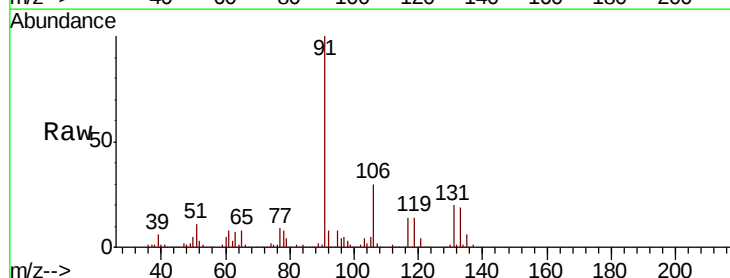
Instrument :
MSVOA_N
ClientSampled :
VN0509WBSD02

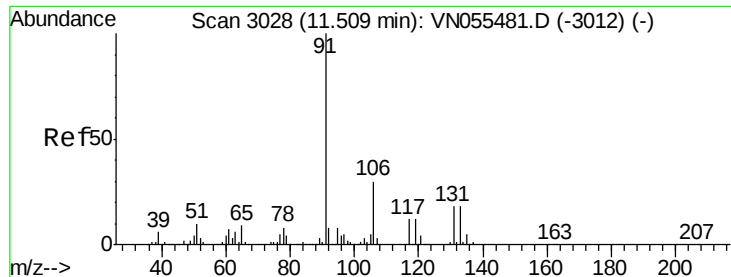
Tot Ion:112 Resp: 434505
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.887 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion:131 Resp: 152041
Ion Ratio Lower Upper
131 100
133 96.8 47.4 142.2
119 71.8 34.1 102.2





#67

Ethyl Benzene

Concen: 19.772 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

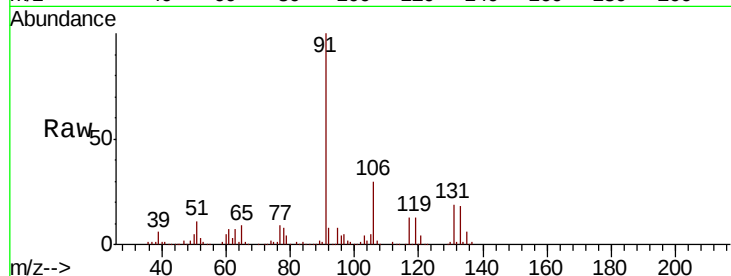
VN0509WBSD02

Tot Ion: 91 Resp: 785195

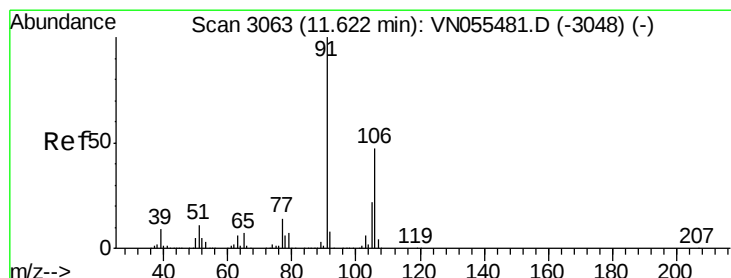
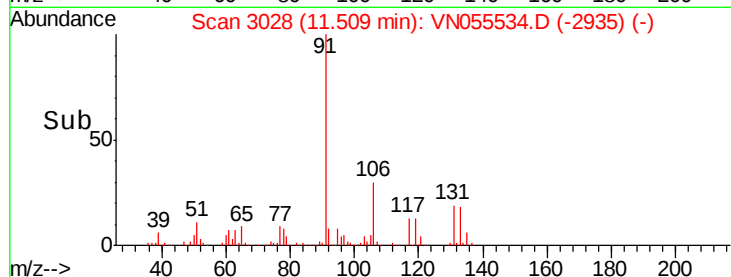
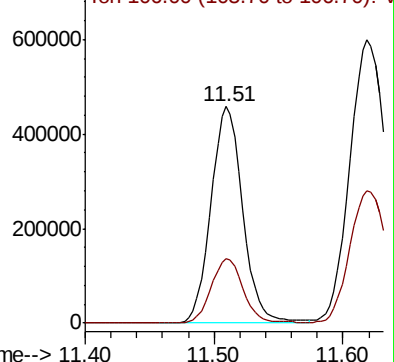
Ion Ratio Lower Upper

91 100

106 29.9 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN055481.D (-3012) (-)



#68

m/p-Xylenes

Concen: 40.090 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN055534.D

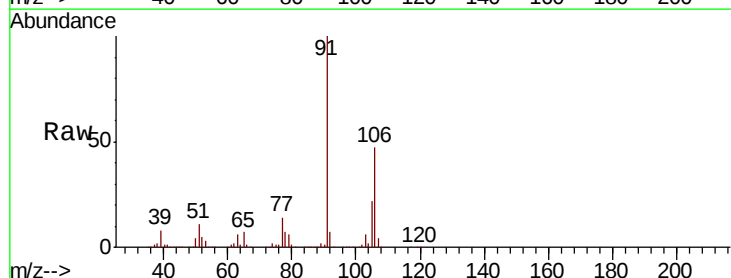
Acq: 10 May 2019 7:29

Tgt Ion: 106 Resp: 571346

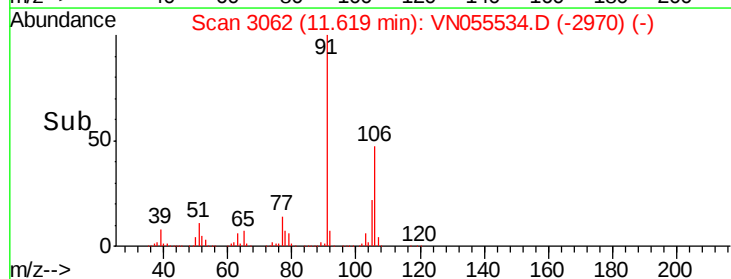
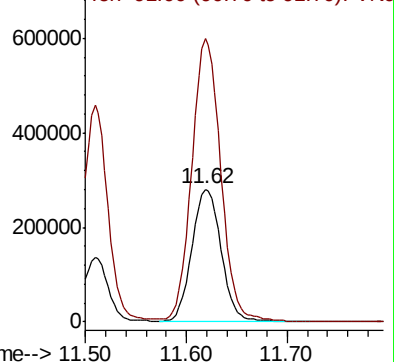
Ion Ratio Lower Upper

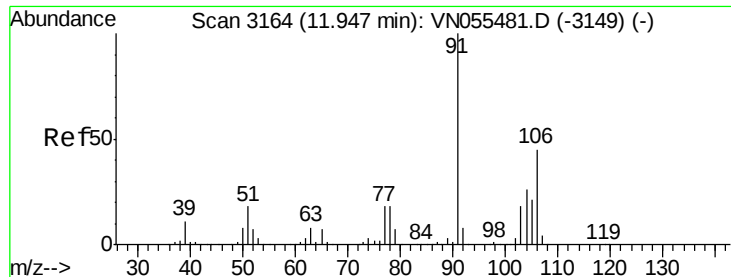
106 100

91 211.2 169.2 253.8



Abundance Ion 106.00 (105.70 to 106.70): VN055481.D (-3048) (-)

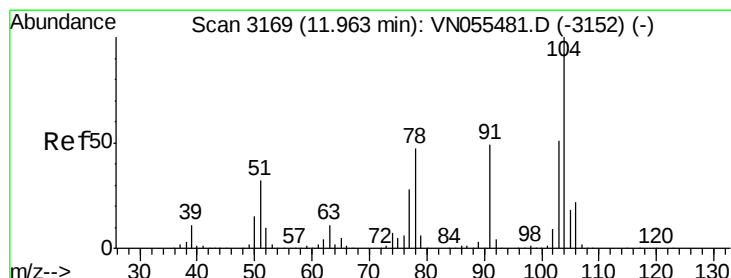
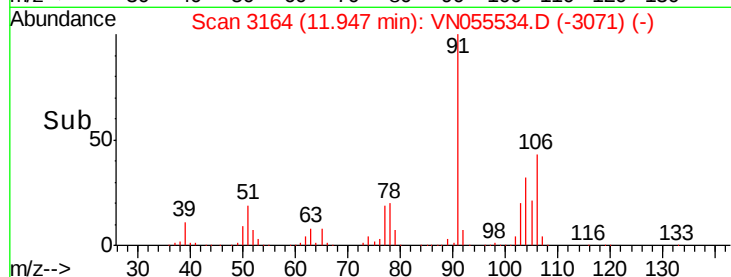
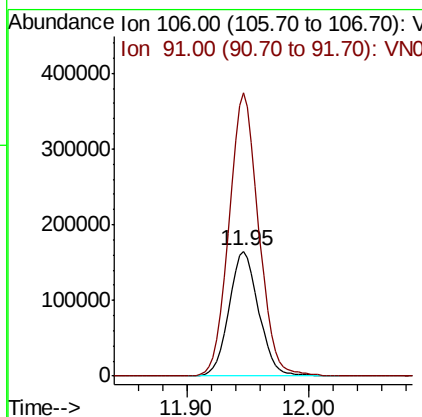
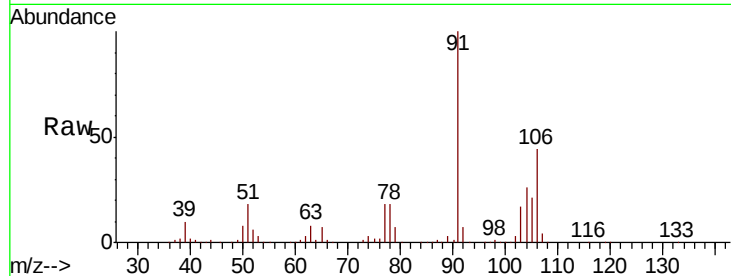




#69
o-Xylene
Concen: 19.977 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

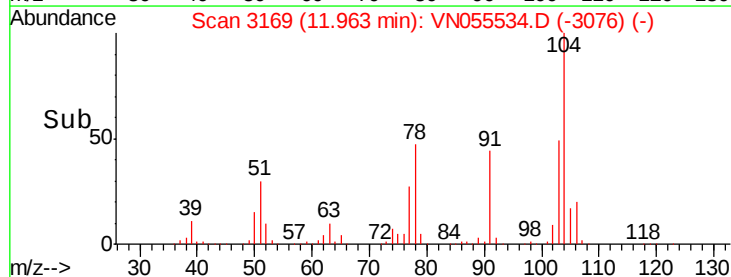
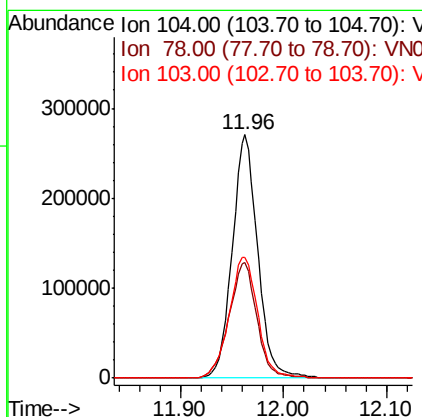
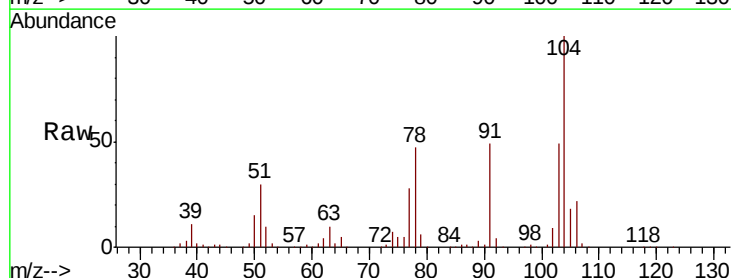
Instrument :
MSVOA_N
ClientSampleId :
VN0509WBSD02

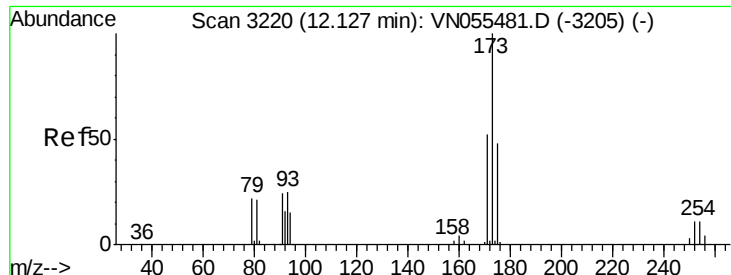
Tot Ion:106 Resp: 279823
Ion Ratio Lower Upper
106 100
91 226.4 111.3 333.8



#70
Styrene
Concen: 20.747 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055534.D
Acq: 10 May 2019 7:29

Tgt Ion:104 Resp: 465606
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 55.7 44.4 66.6





#71

Bromoform

Concen: 20.018 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

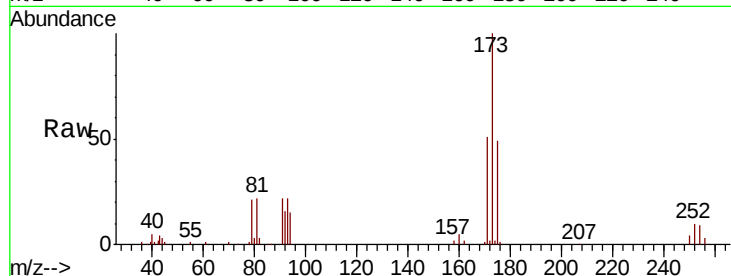
Tot Ion:173 Resp: 98333

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

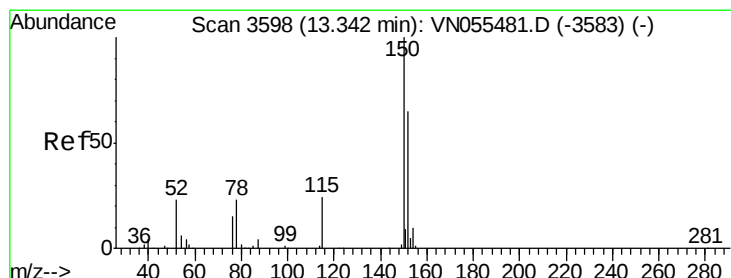
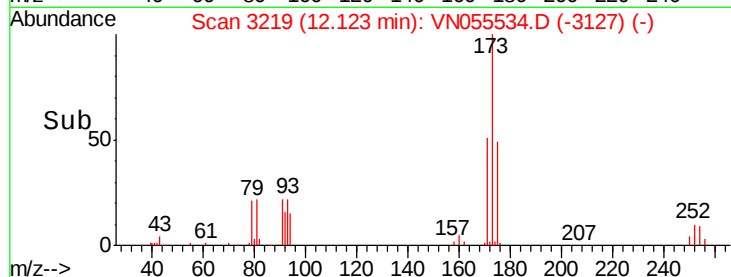
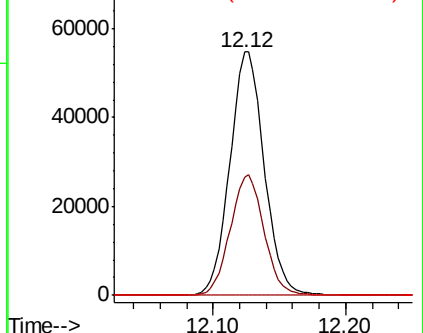
254 0.1 0.1 0.1#



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: VN055534.D

Acq: 10 May 2019 7:29

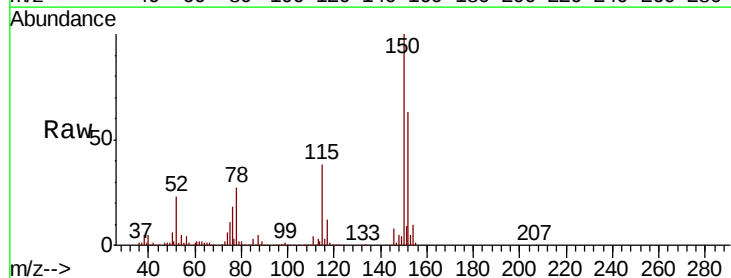
Tgt Ion:152 Resp: 390200

Ion Ratio Lower Upper

152 100

115 60.6 30.1 90.5

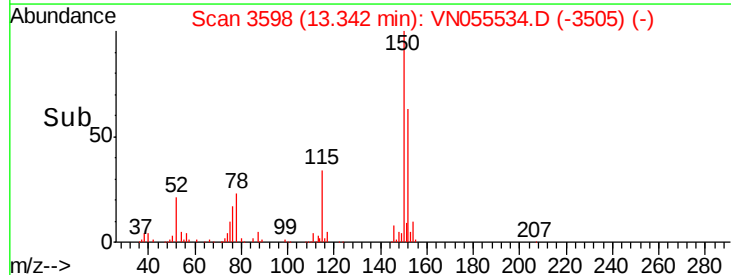
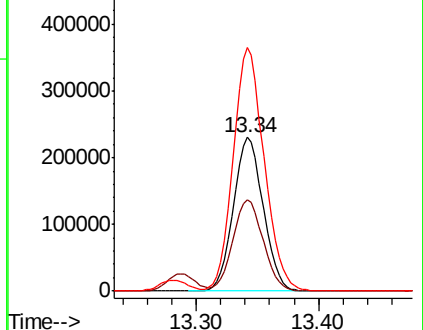
150 164.8 0.0 355.0

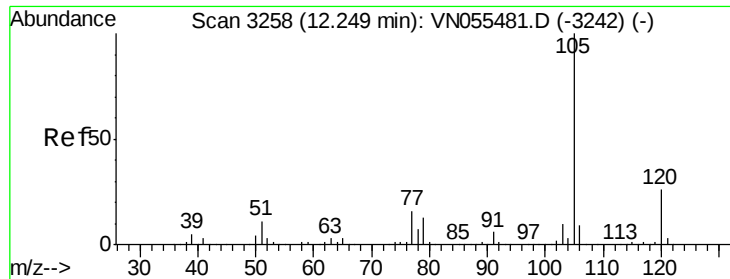


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.813 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

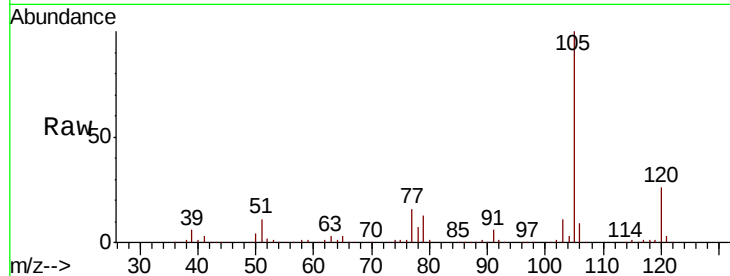
VN0509WBSD02

Tot Ion:105 Resp: 747260

Ion Ratio Lower Upper

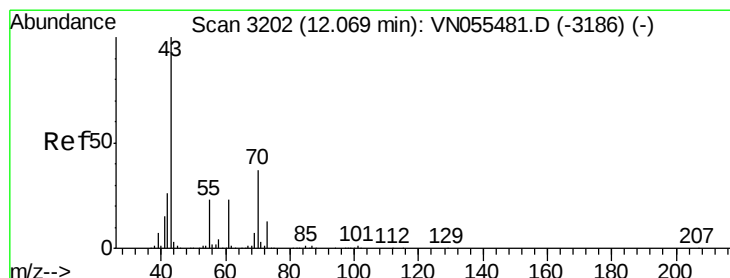
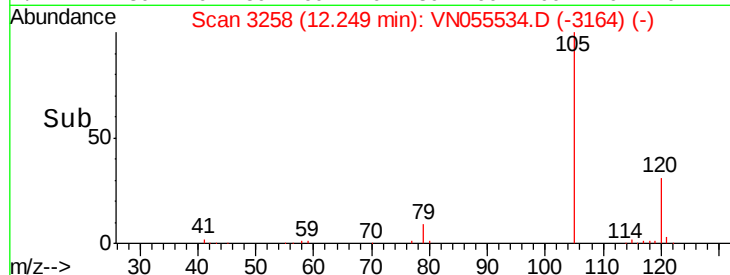
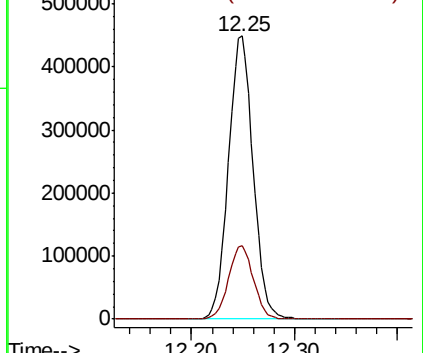
105 100

120 26.1 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.204 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Tgt Ion: 43 Resp: 284493

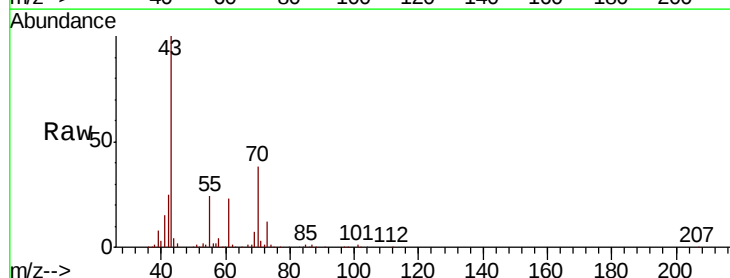
Ion Ratio Lower Upper

43 100

70 38.6 30.7 46.1

55 24.8 19.3 28.9

61 23.2 18.6 27.8

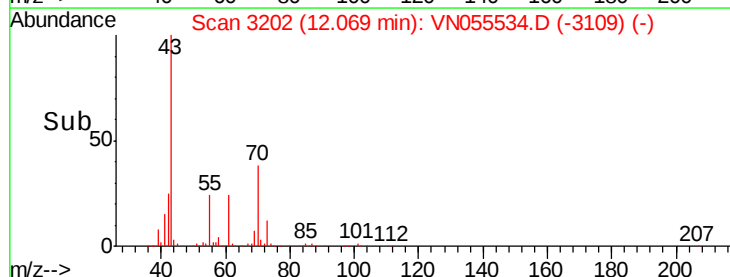
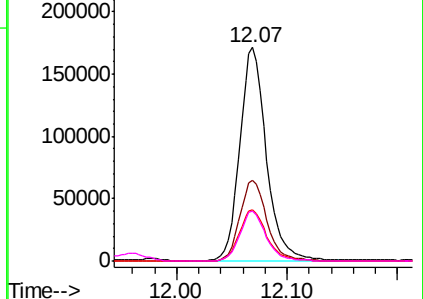


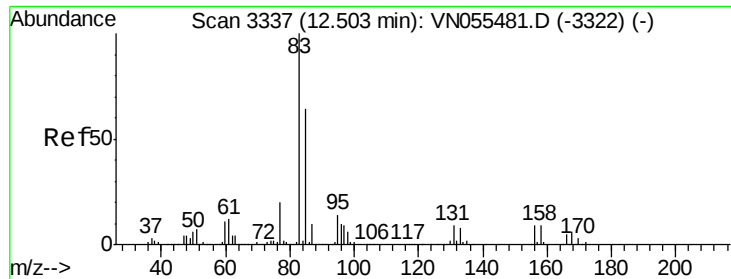
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.216 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

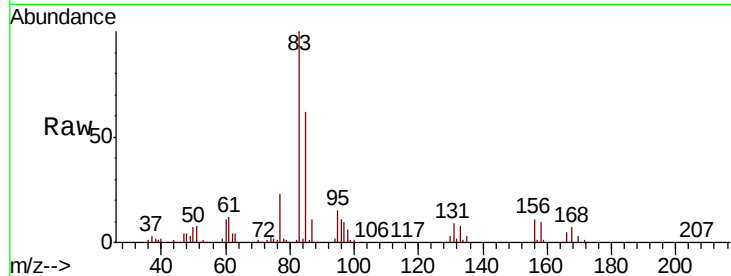
Tot Ion: 83 Resp: 236672

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.5

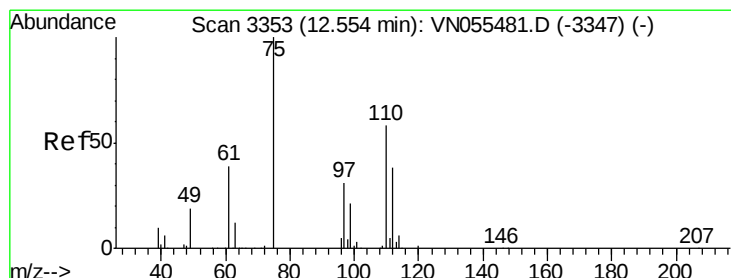
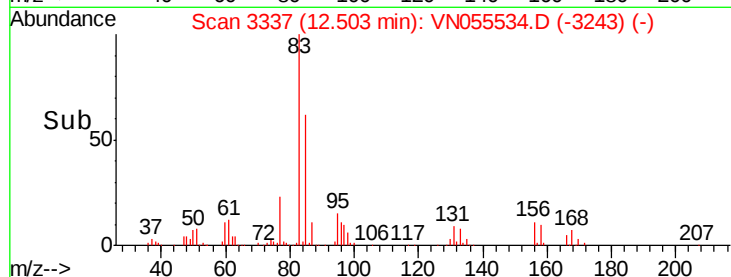
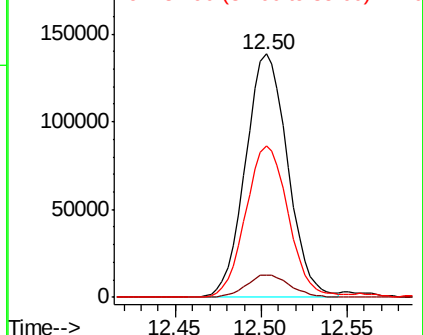
85 63.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 25.222 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055534.D

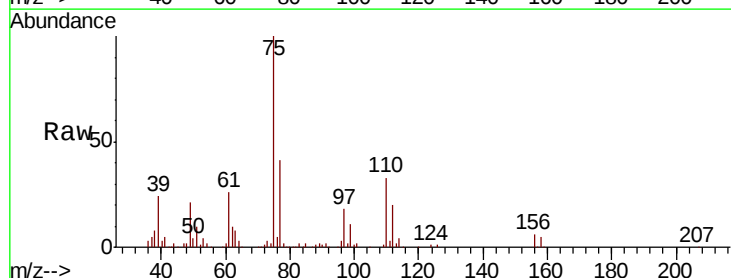
Acq: 10 May 2019 7:29

Tgt Ion: 75 Resp: 267923

Ion Ratio Lower Upper

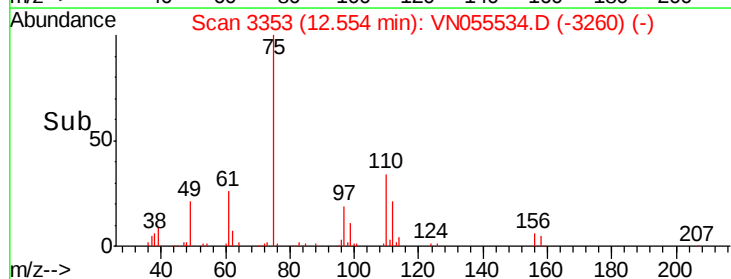
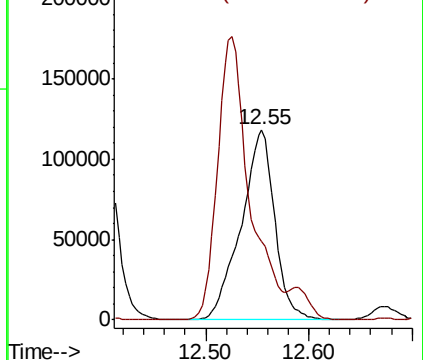
75 100

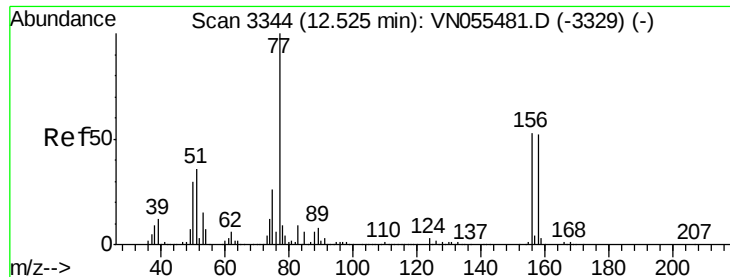
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 19.987 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

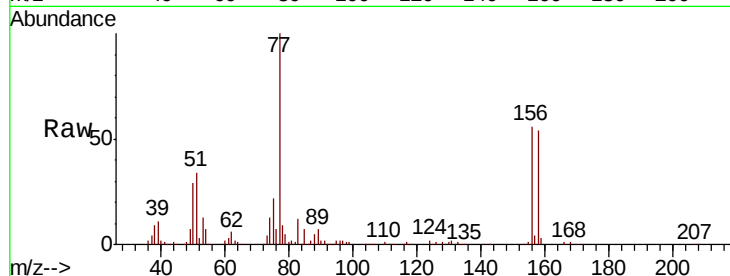
Tot Ion:156 Resp: 171873

Ion Ratio Lower Upper

156 100

77 222.1 115.4 346.2

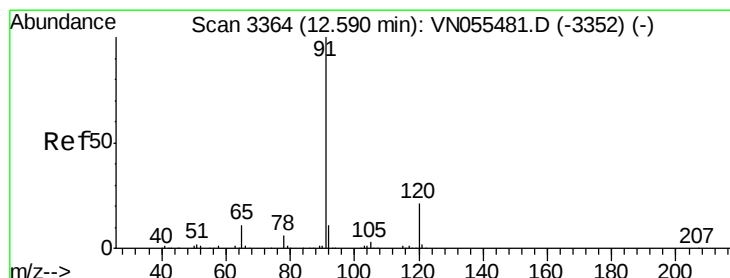
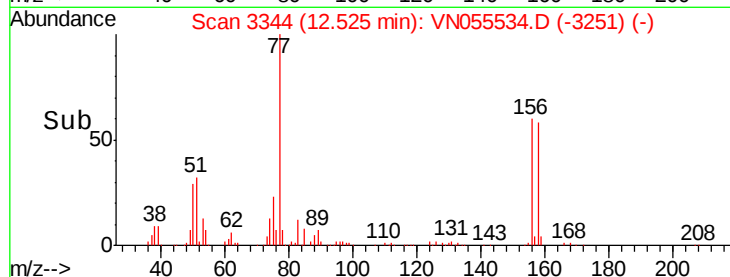
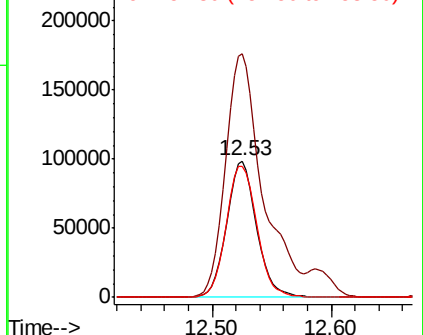
158 99.3 48.7 146.1



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: 19.549 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055534.D

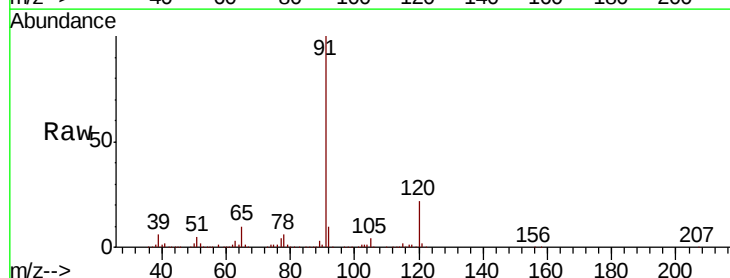
Acq: 10 May 2019 7:29

Tgt Ion: 91 Resp: 818158

Ion Ratio Lower Upper

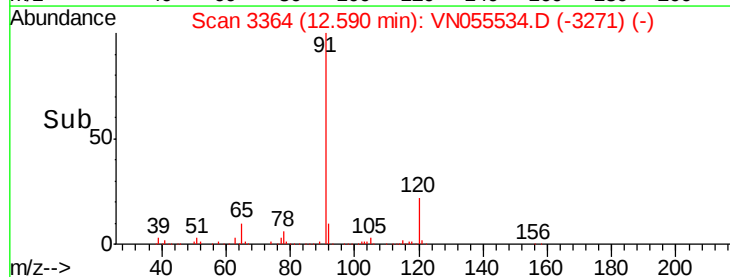
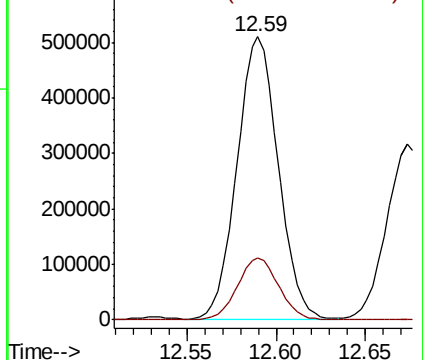
91 100

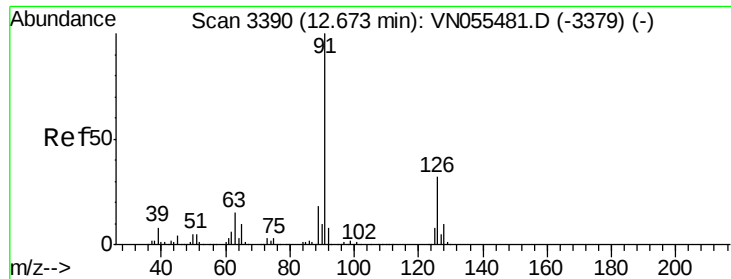
120 22.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

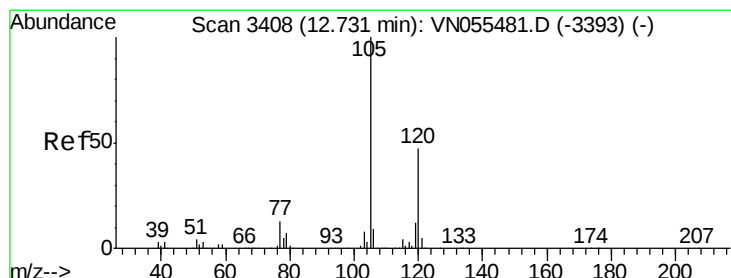
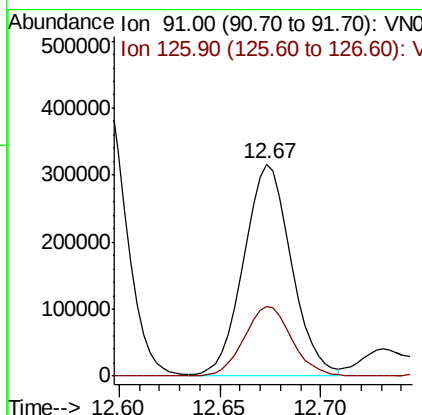
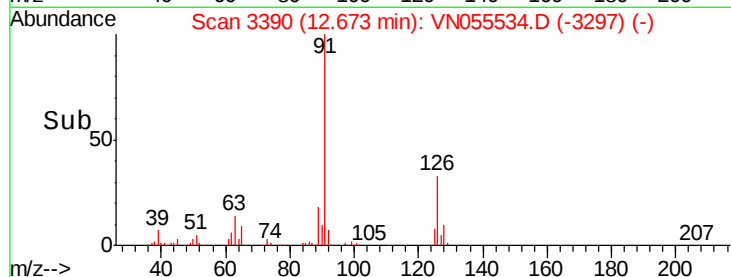
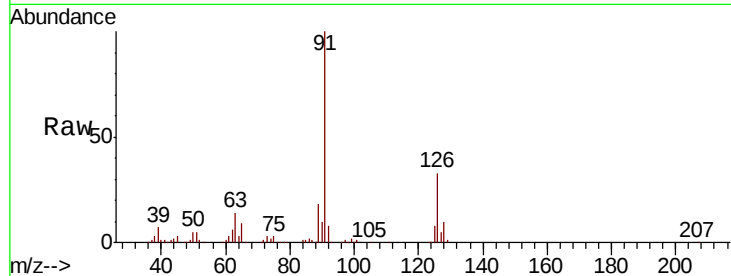




#79
 2-Chlorotoluene
 Concen: 19.897 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

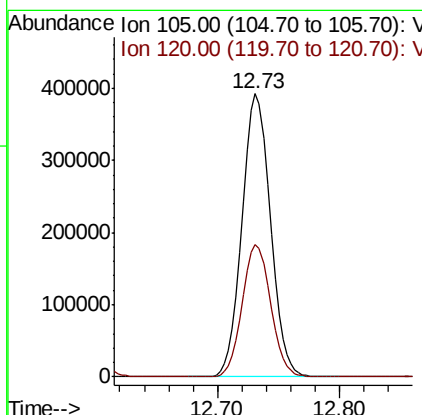
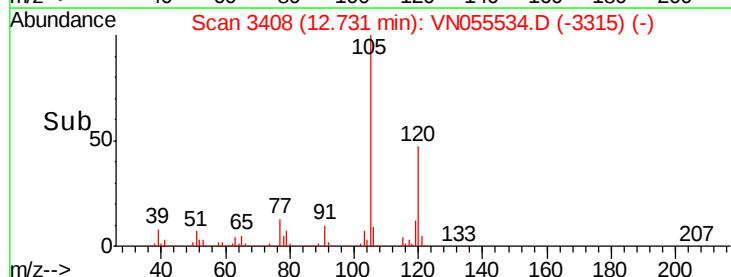
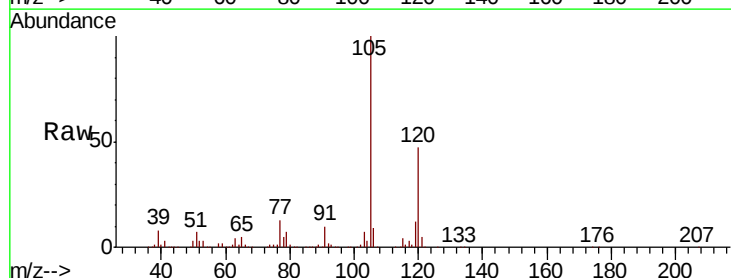
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD02

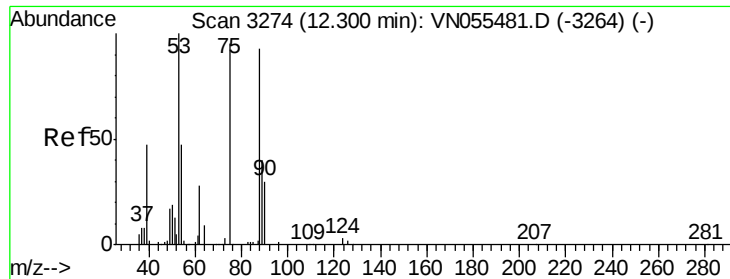
Tot Ion: 91 Resp: 518959
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.0 47.9



#80
 1,3,5-Trimethylbenzene
 Concen: 20.113 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Tgt Ion: 105 Resp: 627664
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.729 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

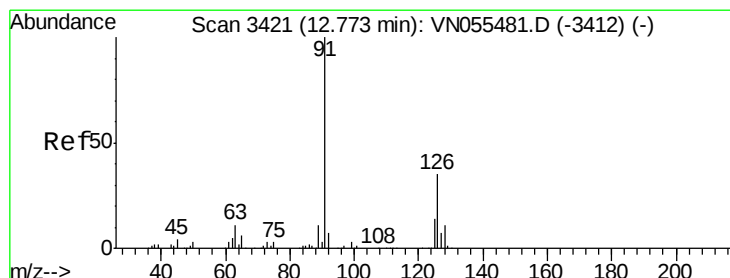
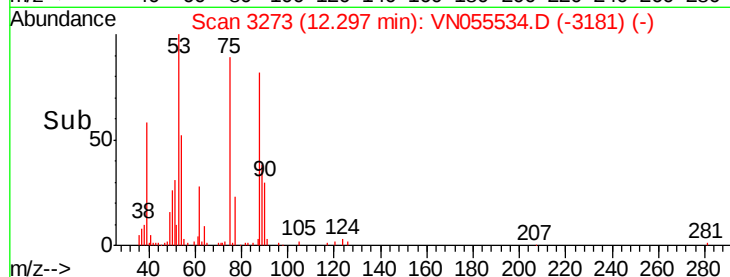
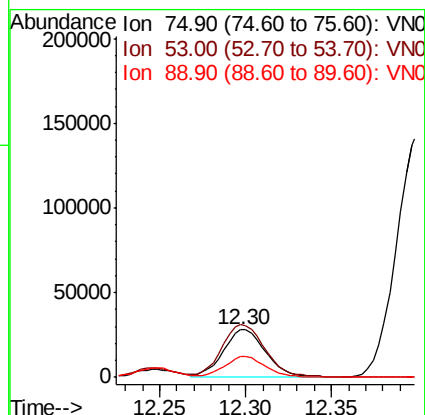
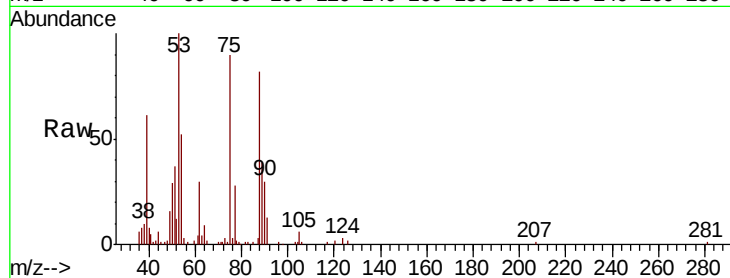
Tot Ion: 75 Resp: 48159

Ion Ratio Lower Upper

75 100

53 112.9 86.5 129.7

89 43.1 35.7 53.5



#82

4-Chlorotoluene

Concen: 19.692 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055534.D

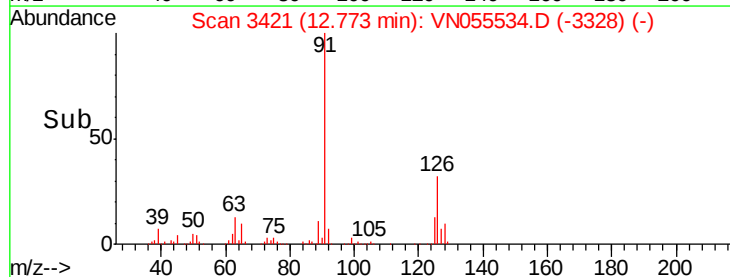
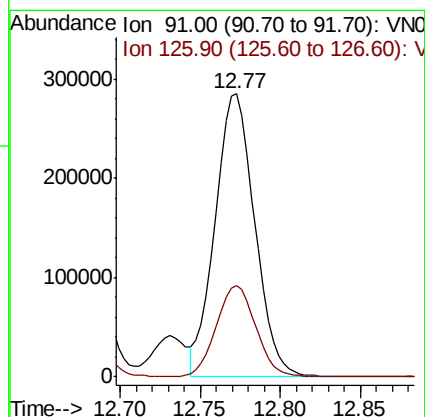
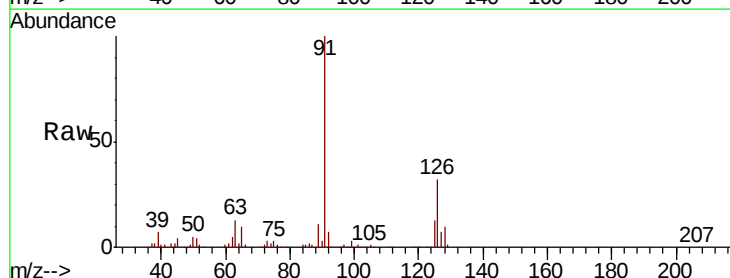
Acq: 10 May 2019 7:29

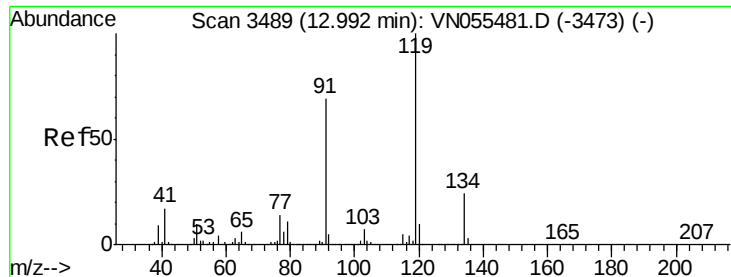
Tgt Ion: 91 Resp: 485315

Ion Ratio Lower Upper

91 100

126 32.2 15.7 47.0





#83

tert-Butylbenzene

Concen: 19.697 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

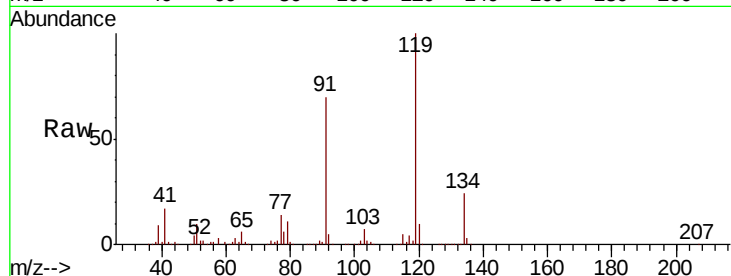
Tot Ion:119 Resp: 526868

Ion Ratio Lower Upper

119 100

91 68.7 33.8 101.3

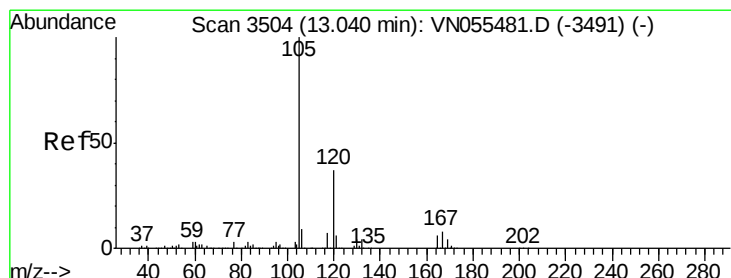
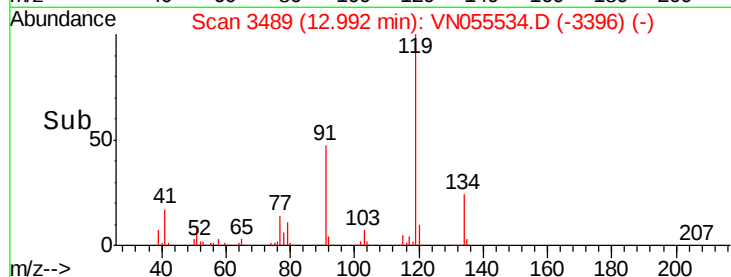
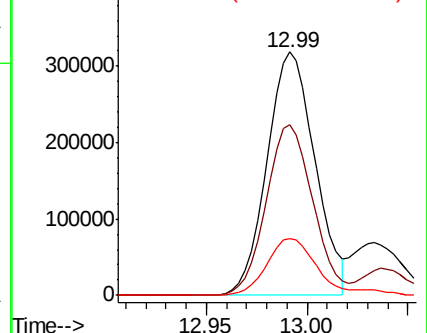
134 25.4 12.5 37.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.220 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN055534.D

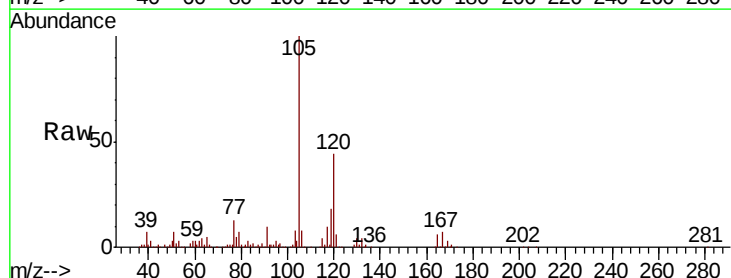
Acq: 10 May 2019 7:29

Tgt Ion:105 Resp: 578690

Ion Ratio Lower Upper

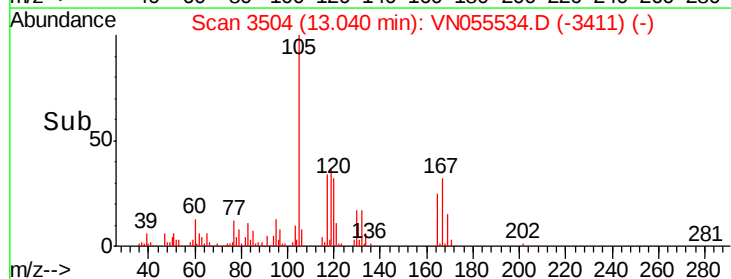
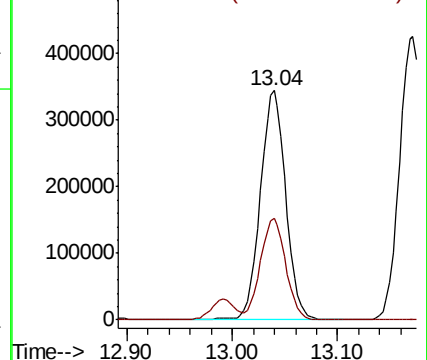
105 100

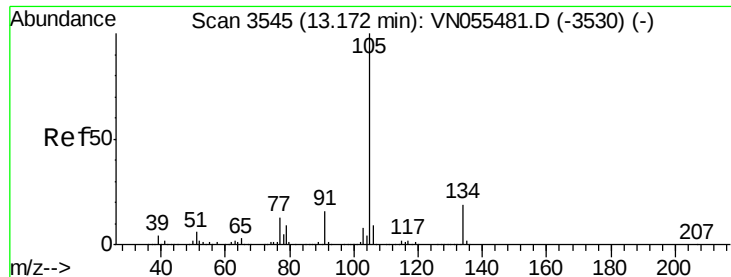
120 44.2 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.453 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

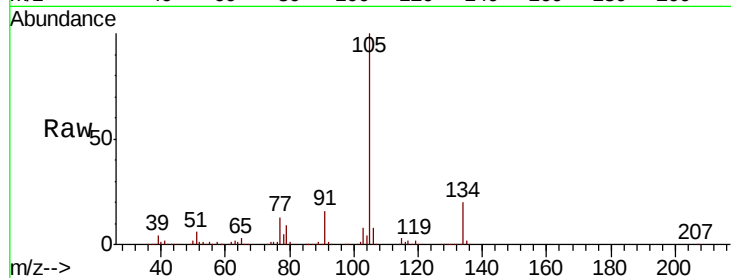
VN0509WBSD02

Tot Ion:105 Resp: 691547

Ion Ratio Lower Upper

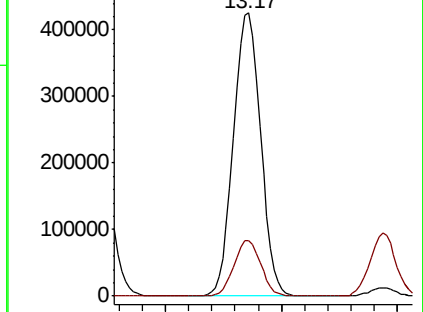
105 100

134 19.3 9.3 28.0

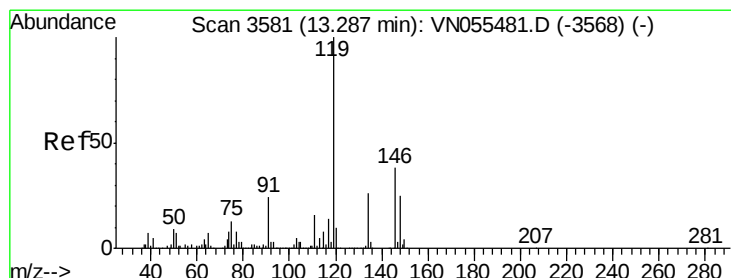
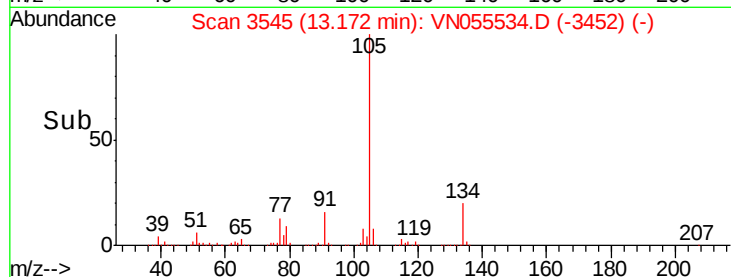


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.10 13.20



#86

p-Isopropyltoluene

Concen: 19.199 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

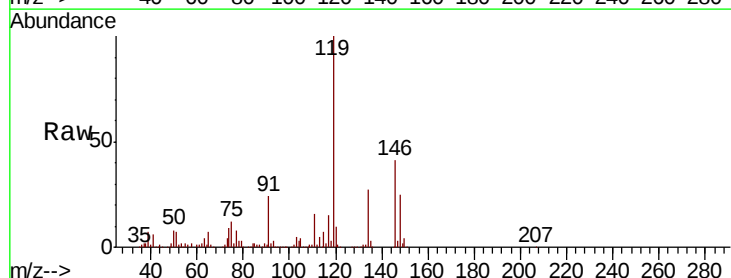
Tgt Ion:119 Resp: 555454

Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.4

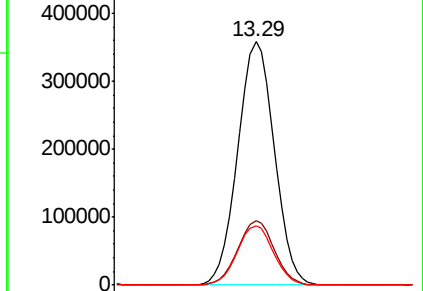
91 24.2 12.0 36.0



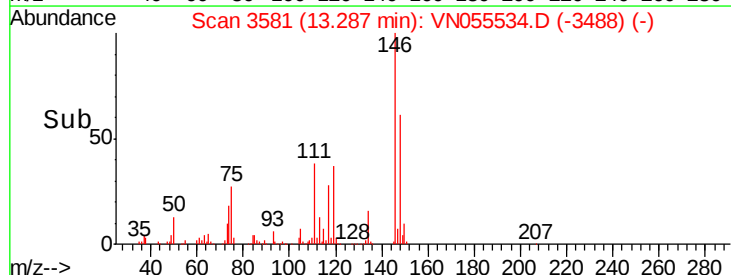
Abundance Ion 119.00 (118.70 to 119.70): V

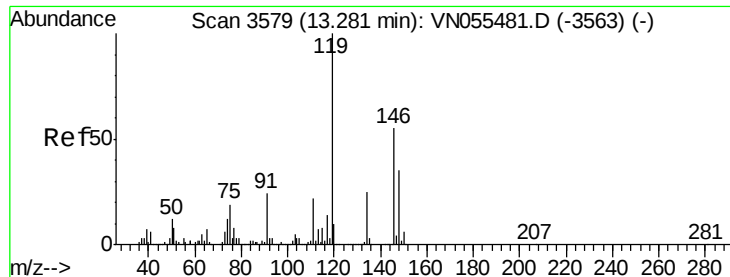
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time--> 13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 21.194 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

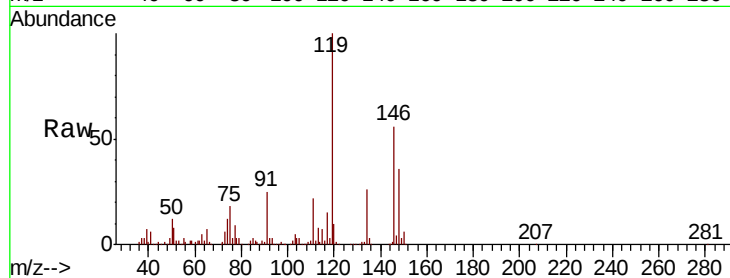
Tot Ion:146 Resp: 281625

Ion Ratio Lower Upper

146 100

111 39.5 20.4 61.3

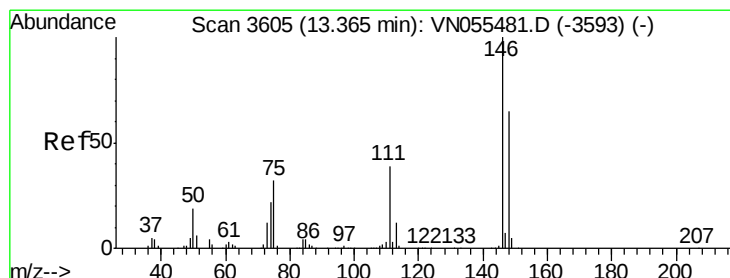
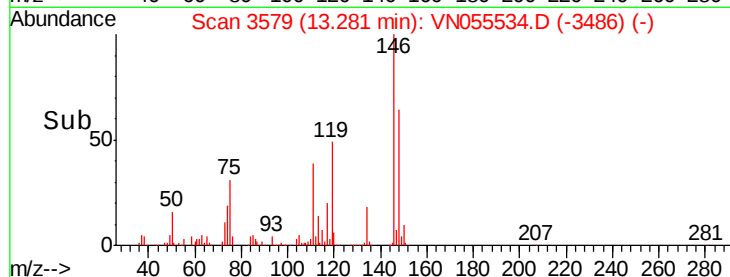
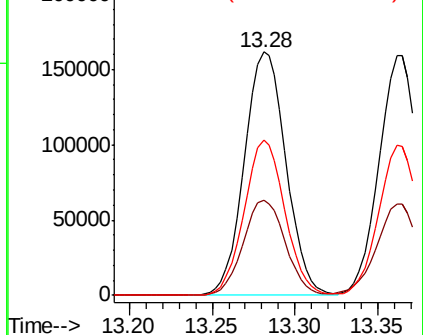
148 62.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.480 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

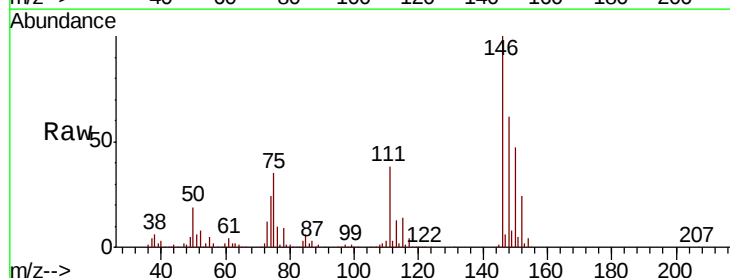
Tgt Ion:146 Resp: 268568

Ion Ratio Lower Upper

146 100

111 40.1 19.6 58.8

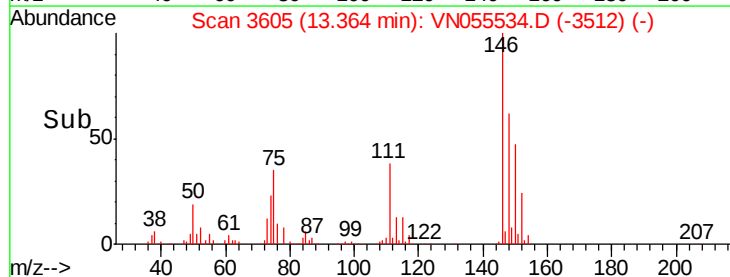
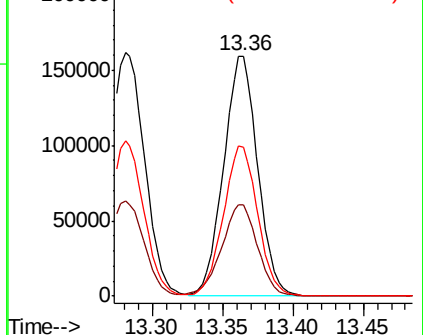
148 63.2 32.5 97.4

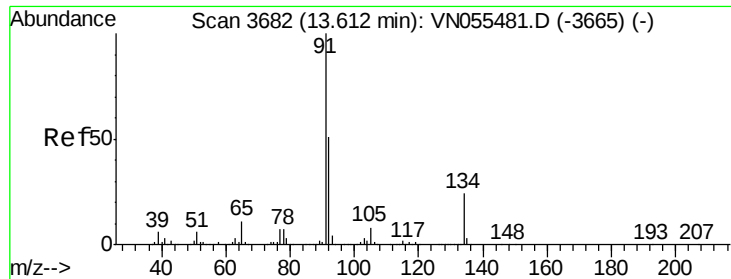


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.912 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

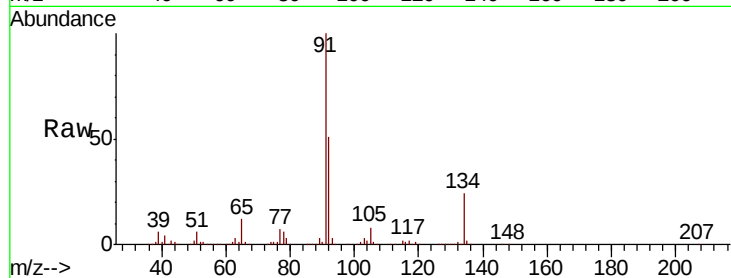
Tot Ion: 91 Resp: 401682

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.7

134 23.7 11.8 35.4

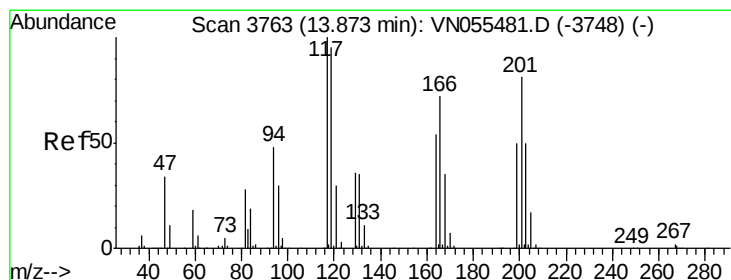
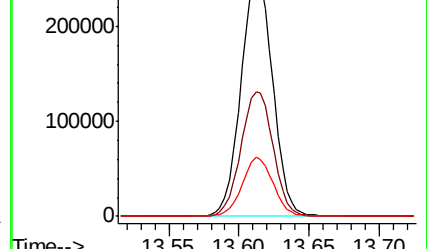
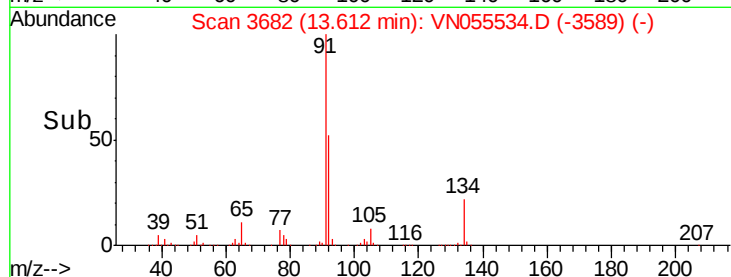


Abundance Ion 91.00 (90.70 to 91.70): VN055481.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN055481.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN055481.D (-3665) (-)

Time-->



#90

Hexachloroethane

Concen: 19.817 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055534.D

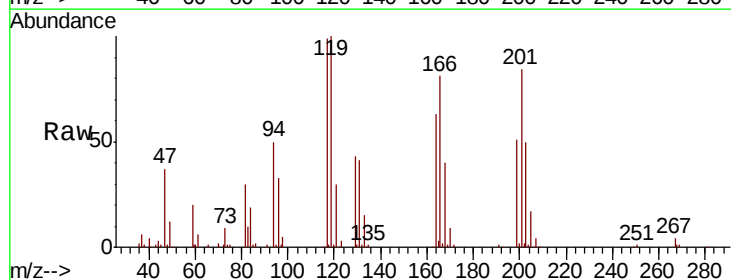
Acq: 10 May 2019 7:29

Tgt Ion: 117 Resp: 93525

Ion Ratio Lower Upper

117 100

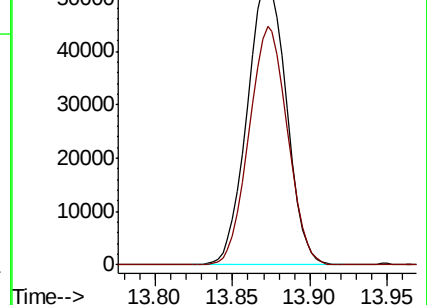
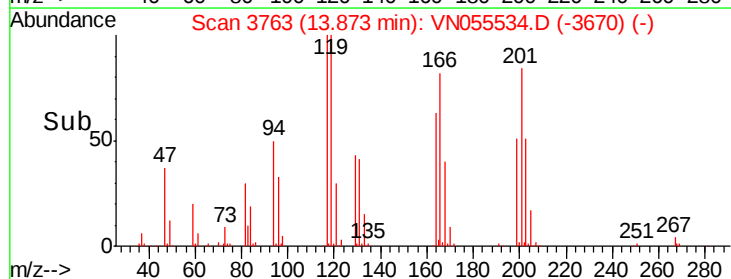
201 82.5 40.1 120.2

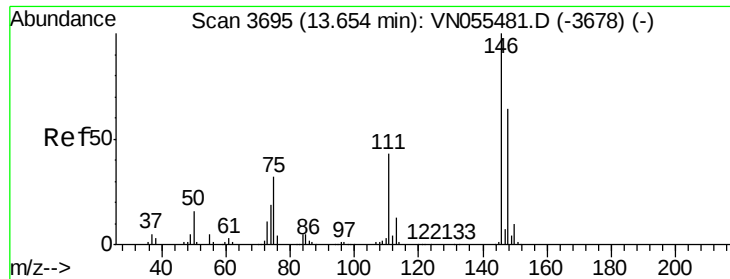


Abundance Ion 116.80 (116.50 to 117.50): VN055481.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN055481.D (-3748) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 21.099 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

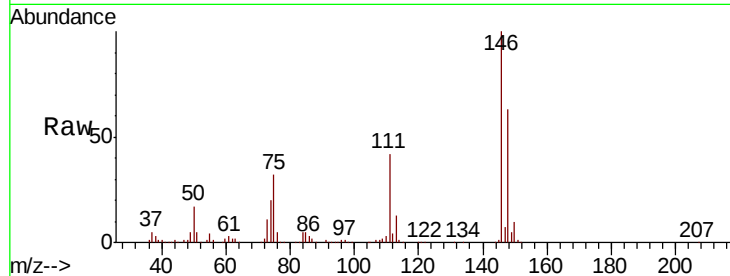
Tot Ion:146 Resp: 280197

Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.7

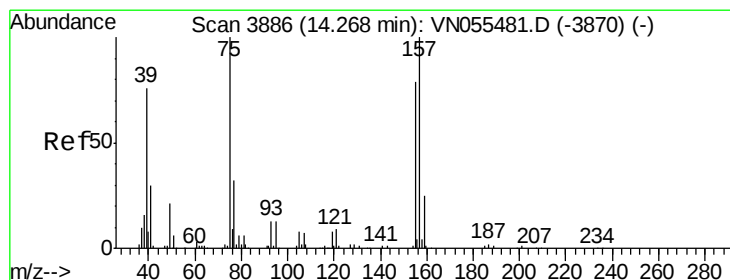
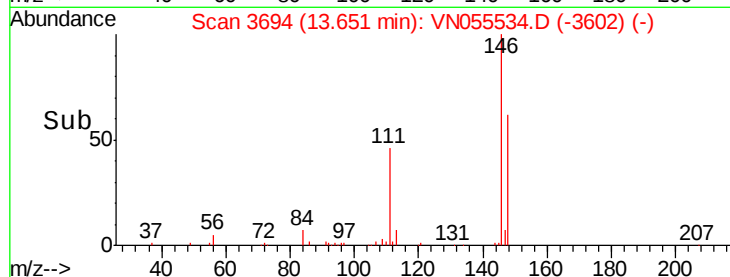
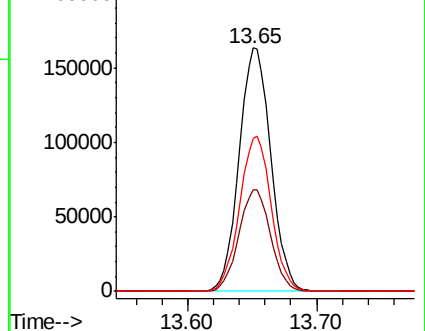
148 63.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.922 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

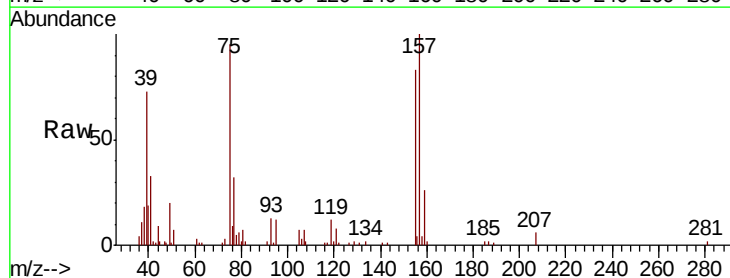
Tgt Ion: 75 Resp: 33952

Ion Ratio Lower Upper

75 100

155 81.8 39.3 117.8

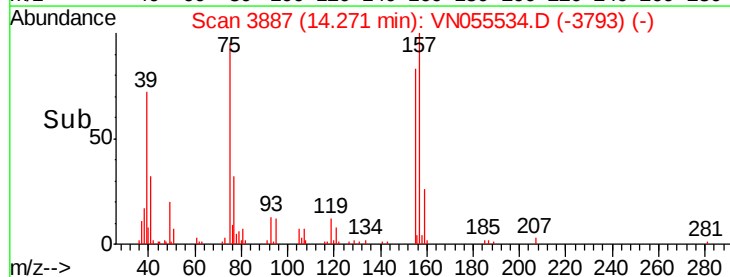
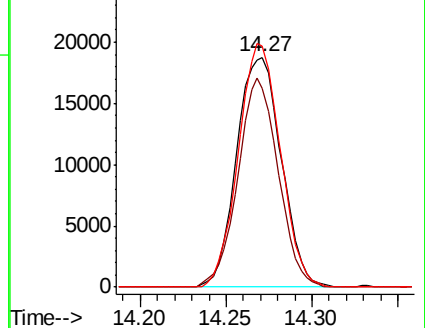
157 99.5 50.6 151.8

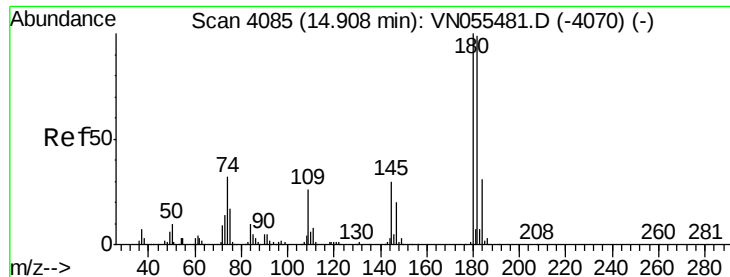


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

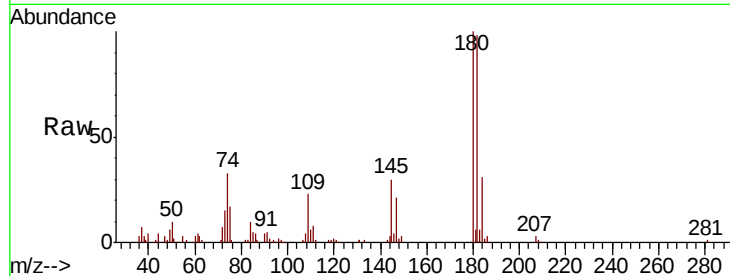




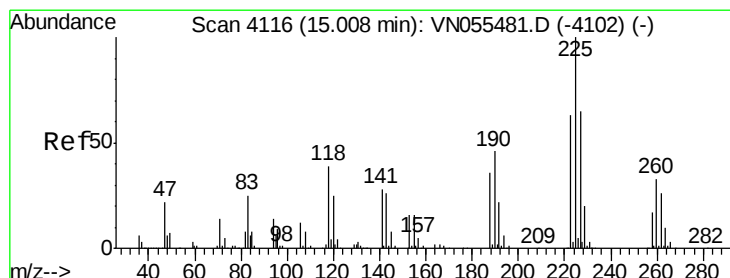
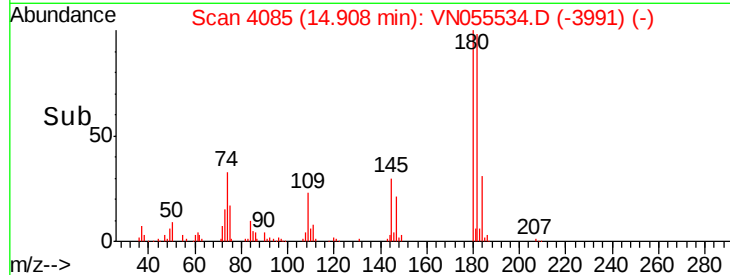
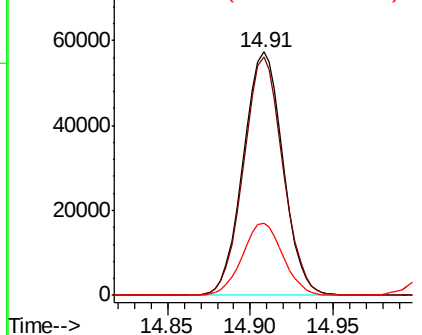
#93
 1,2,4-Trichlorobenzene
 Concen: 18.726 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0509WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.7	146.1
145	30.2	15.3	45.9

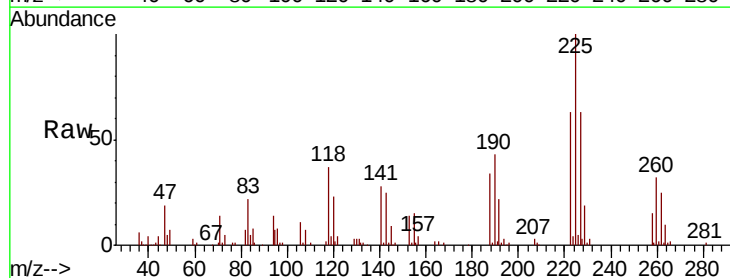


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

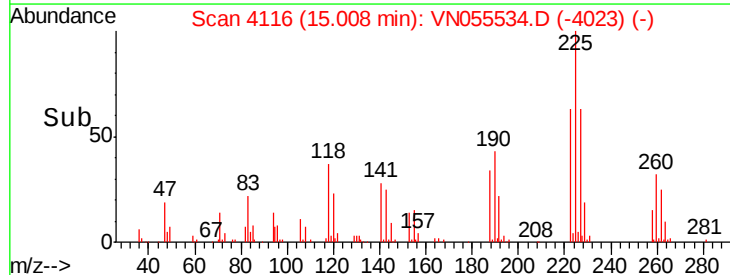
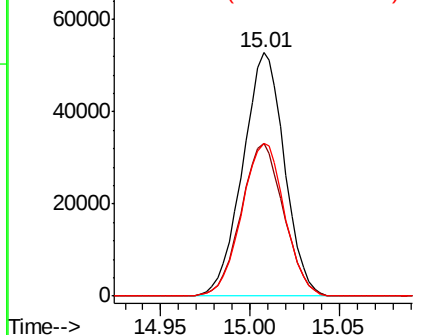


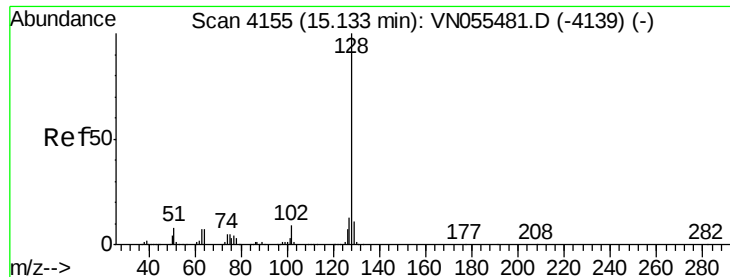
#94
 Hexachlorobutadiene
 Concen: 20.603 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055534.D
 Acq: 10 May 2019 7:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.4	94.3
227	64.7	32.0	96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.478 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

Instrument :

MSVOA_N

ClientSampleId :

VN0509WBSD02

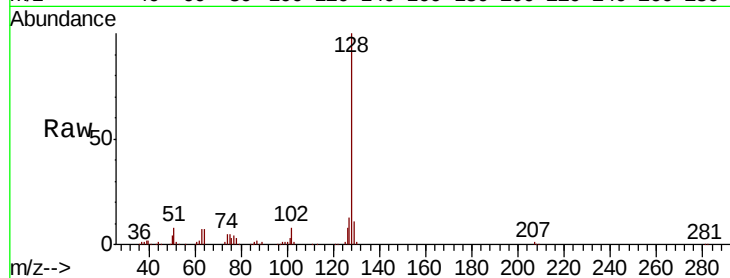
Tot Ion:128 Resp: 285898

Ion Ratio Lower Upper

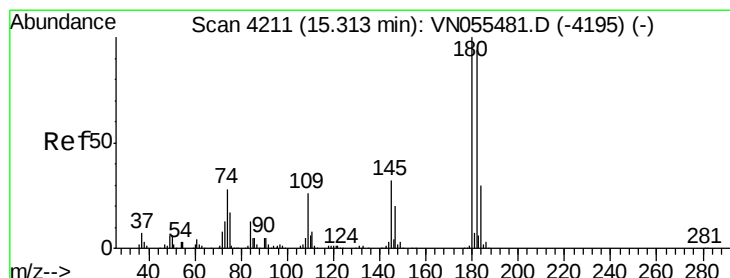
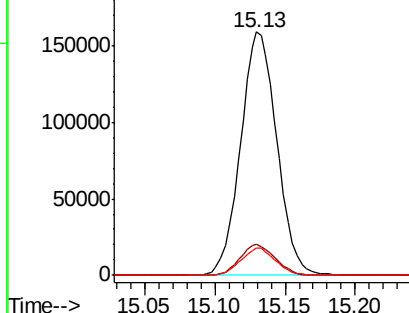
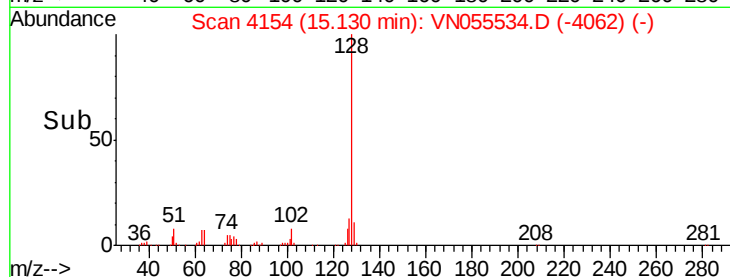
128 100

127 12.4 10.0 15.0

129 10.9 8.8 13.2



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: 19.326 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055534.D

Acq: 10 May 2019 7:29

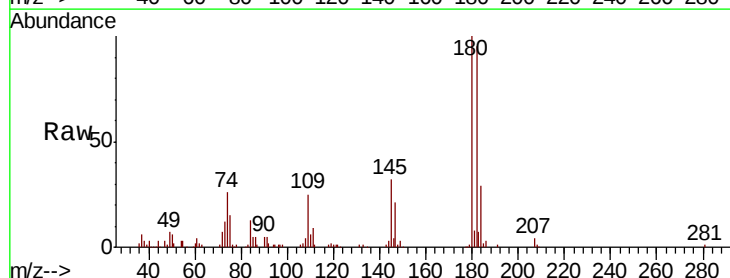
Tgt Ion:180 Resp: 111233

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 31.8 15.8 47.4



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

