

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010219\
 Data File : VX006879.D
 Acq On : 02 Jan 2019 14:18
 Operator : JC/MD
 Sample : VX0102MBSD01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBSD01

Quant Time: Jan 03 00:10:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	706079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	990066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	914568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	490959	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	407488	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	5.50	113	367718	58.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.46%	
50) Toluene-d8	8.71	98	1360084	57.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.24%	
62) 4-Bromofluorobenzene	11.13	95	512285	59.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	95538	14.791	ug/l 96
3) Chloromethane	1.32	50	109255	15.700	ug/l 98
4) Vinyl Chloride	1.41	62	119740	16.475	ug/l 100
5) Bromomethane	1.64	94	116113	15.809	ug/l 98
6) Chloroethane	1.71	64	78635	15.625	ug/l 98
7) Trichlorofluoromethane	1.93	101	193235	17.053	ug/l 96
8) Diethyl Ether	2.19	74	77466	17.212	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	122436	18.402	ug/l 99
10) Methyl Iodide	2.51	142	161831	16.992	ug/l 100
11) Tert butyl alcohol	3.07	59	146319	86.156	ug/l 100
12) 1,1-Dichloroethene	2.37	96	107041	16.967	ug/l 97
13) Acrolein	2.29	56	94588	82.560	ug/l 98
14) Allyl chloride	2.73	41	185891	17.506	ug/l 99
15) Acrylonitrile	3.15	53	338806	89.851	ug/l 99
16) Acetone	2.45	43	316393	90.497	ug/l 99
17) Carbon Disulfide	2.57	76	214981	12.877	ug/l 100
18) Methyl Acetate	2.78	43	200691	19.522	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	396833	18.952	ug/l 99
20) Methylene Chloride	2.85	84	127742	17.670	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	112167	16.047	ug/l 96
22) Diisopropyl ether	3.87	45	365690	18.824	ug/l 96
23) Vinyl Acetate	3.82	43	1444321	90.893	ug/l 99
24) 1,1-Dichloroethane	3.70	63	210449	18.147	ug/l 99
25) 2-Butanone	4.70	43	441051	89.684	ug/l 96
26) 2,2-Dichloropropane	4.59	77	157591	17.592	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	132693	17.206	ug/l 97
28) Bromochloromethane	5.01	49	115183	22.544	ug/l 94
29) Tetrahydrofuran	5.15	42	274579	84.772	ug/l 98
30) Chloroform	5.21	83	208394	17.353	ug/l 100
31) Cyclohexane	5.57	56	171813	16.308	ug/l 97
32) 1,1,1-Trichloroethane	5.49	97	177652	17.519	ug/l 98
36) 1,1-Dichloropropene	5.79	75	151069	18.423	ug/l 99
37) Ethyl Acetate	4.85	43	164639	19.290	ug/l 99
38) Carbon Tetrachloride	5.78	117	151520	19.013	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187204	17.341	ug/l	96
40) Benzene	6.14	78	462506	18.556	ug/l	100
41) Methacrylonitrile	5.05	41	92139	20.334	ug/l	99
42) 1,2-Dichloroethane	6.20	62	156647	18.443	ug/l	100
43) Isopropyl Acetate	6.46	43	263016	20.254	ug/l	98
44) Trichloroethene	7.21	130	135937	18.019	ug/l	96
45) 1,2-Dichloropropane	7.51	63	119646	19.725	ug/l	96
46) Dibromomethane	7.66	93	82753	18.548	ug/l	97
47) Bromodichloromethane	7.90	83	138369	18.680	ug/l	95
48) Methyl methacrylate	7.77	41	133312	20.187	ug/l	96
49) 1,4-Dioxane	7.75	88	60213	335.273	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	847252	102.541	ug/l	99
52) Toluene	8.78	92	303004	18.817	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	154801	19.486	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	171369	19.660	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	131454	19.944	ug/l	98
56) Ethyl methacrylate	9.18	69	189564	20.349	ug/l	96
57) 1,3-Dichloropropane	9.37	76	202388	19.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	562012	113.493	ug/l	100
59) 2-Hexanone	9.49	43	646774	102.308	ug/l	98
60) Dibromochloromethane	9.58	129	116457	18.432	ug/l	99
61) 1,2-Dibromoethane	9.67	107	136318	19.456	ug/l	99
64) Tetrachloroethene	9.34	164	140868	19.452	ug/l	96
65) Chlorobenzene	10.13	112	360626	18.638	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	126157	20.898	ug/l	96
67) Ethyl Benzene	10.25	91	599600	18.965	ug/l	100
68) m/p-Xylenes	10.36	106	474187	38.008	ug/l	100
69) o-Xylene	10.69	106	234279	19.017	ug/l	99
70) Styrene	10.71	104	376457	19.315	ug/l	99
71) Bromoform	10.85	173	88127	19.201	ug/l	100
73) Isopropylbenzene	11.02	105	627926	18.695	ug/l	99
74) N-amyl acetate	10.90	43	247762	20.608	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	189904	19.011	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	202264	22.168	ug/l	93
77) Bromobenzene	11.26	156	172203	18.964	ug/l	98
78) n-propylbenzene	11.36	91	698324	18.880	ug/l	100
79) 2-Chlorotoluene	11.42	91	410557	18.317	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	522047	18.870	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45678	18.178	ug/l	89
82) 4-Chlorotoluene	11.51	91	484347	18.838	ug/l	100
83) tert-Butylbenzene	11.77	119	516293	18.647	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	536423	18.435	ug/l	100
85) sec-Butylbenzene	11.94	105	630523	18.574	ug/l	100
86) p-Isopropyltoluene	12.06	119	571749	19.160	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	306316	18.717	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	305034	18.182	ug/l	97
89) n-Butylbenzene	12.38	91	482546	19.001	ug/l	99
90) Hexachloroethane	12.60	117	77224	18.739	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	307104	18.759	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35267	17.063	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

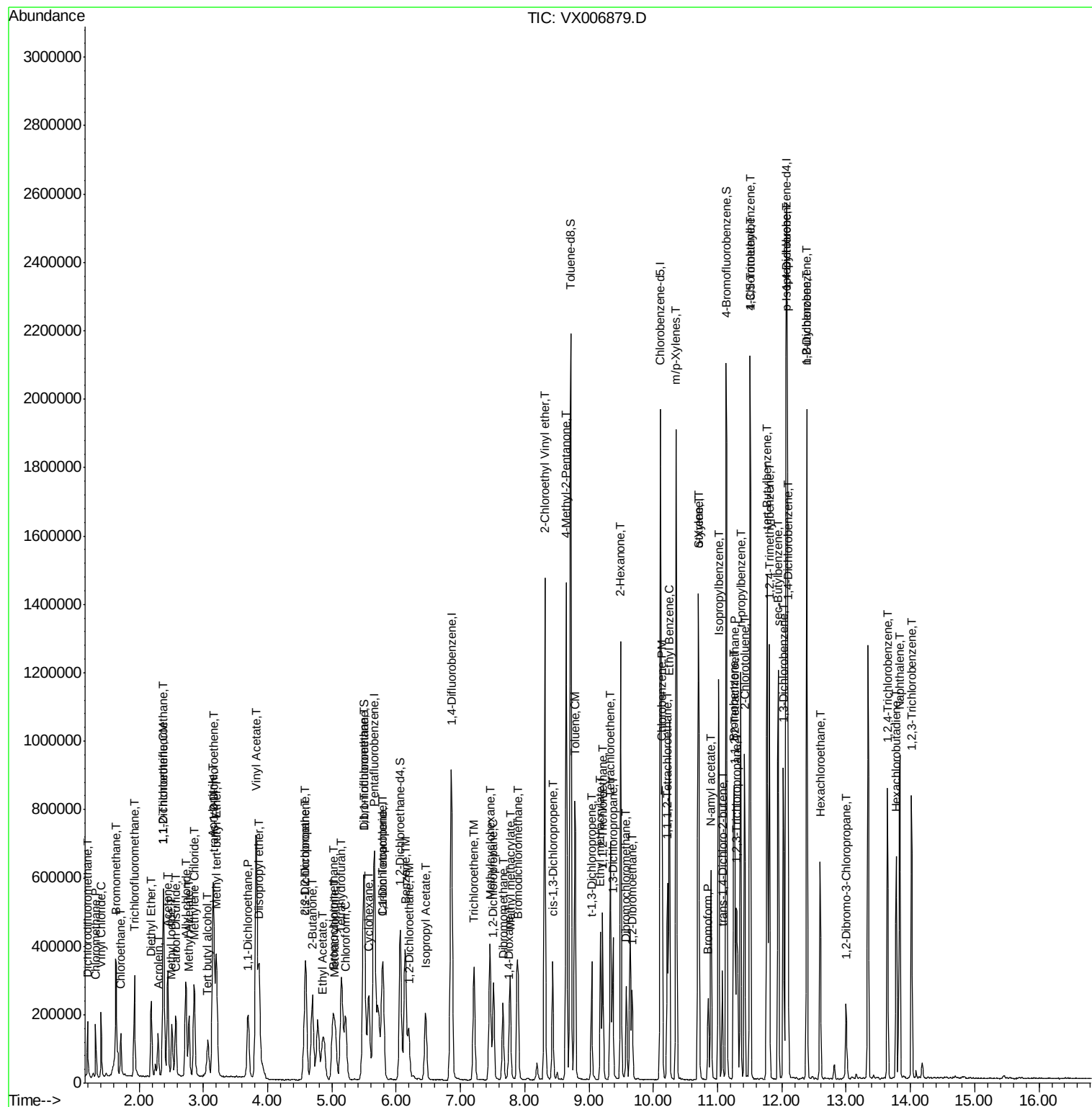
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	214886	19.029	ug/l	99
94) Hexachlorobutadiene	13.78	225	95768	17.992	ug/l	98
95) Naphthalene	13.83	128	620330	17.211	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	210228	18.031	ug/l	99

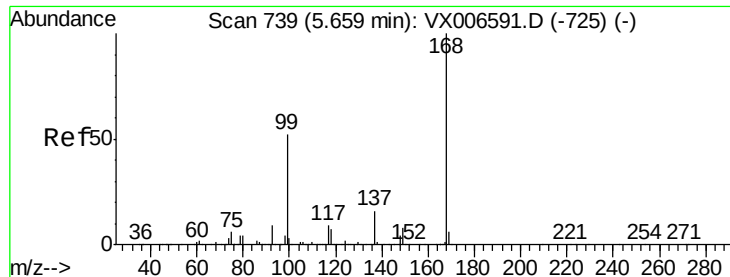
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
Client Sampled :
VX0102MBSD01

Quant Time: Jan 03 00:10:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

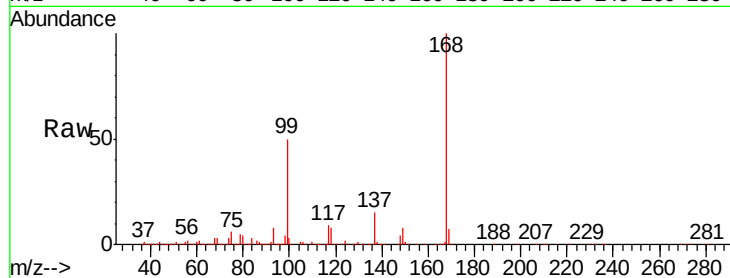
VX0102MBSD01

Tgt Ion:168 Resp: 706079

Ion Ratio Lower Upper

168 100

99 49.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

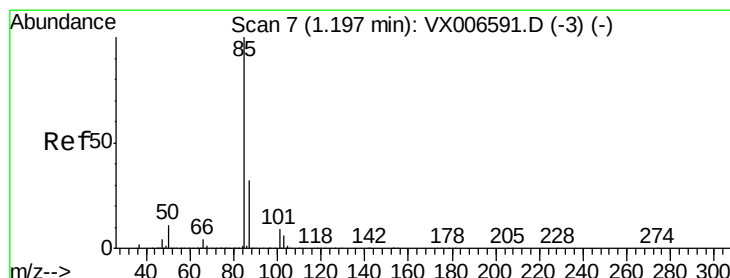
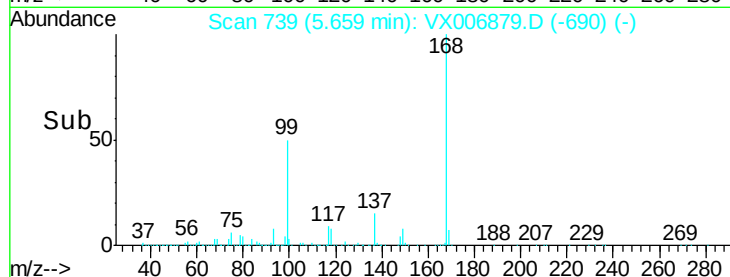
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 14.791 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006879.D

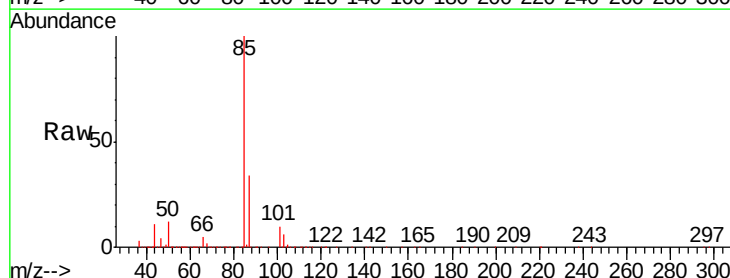
Acq: 02 Jan 2019 14:18

Tgt Ion: 85 Resp: 95538

Ion Ratio Lower Upper

85 100

87 33.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

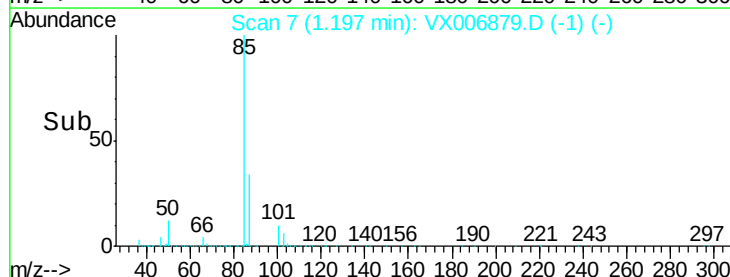
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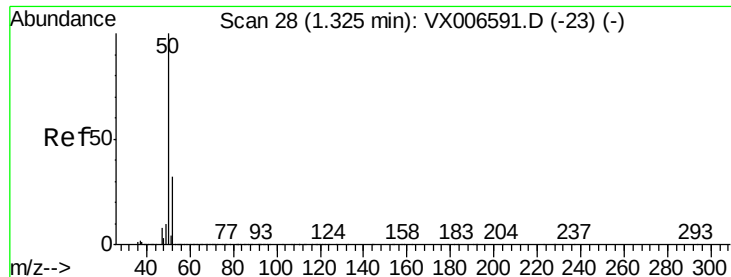
40000

20000

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Time-->





#3

Chloromethane

Concen: 15.700 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

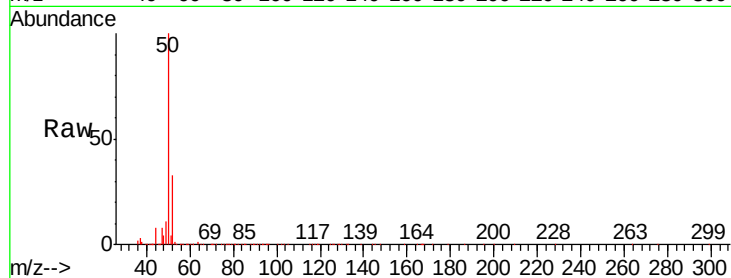
VX0102MBSD01

Tgt Ion: 50 Resp: 109255

Ion Ratio Lower Upper

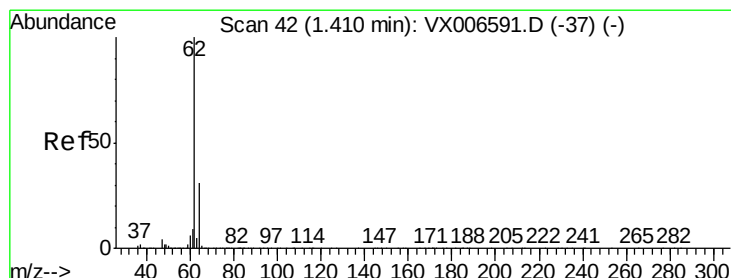
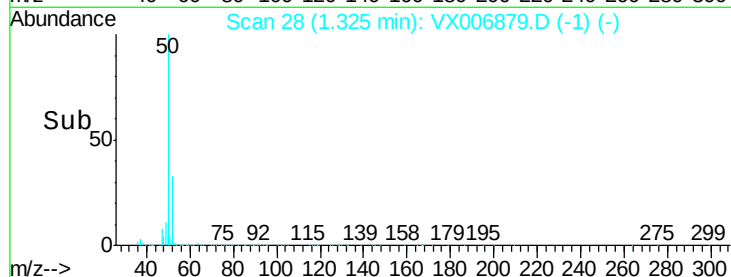
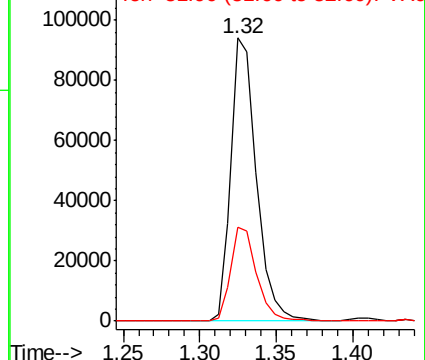
50 100

52 33.1 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.475 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006879.D

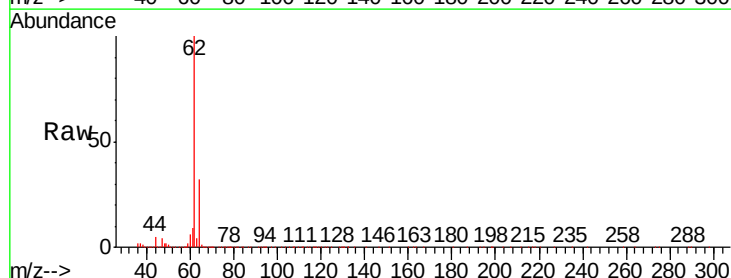
Acq: 02 Jan 2019 14:18

Tgt Ion: 62 Resp: 119740

Ion Ratio Lower Upper

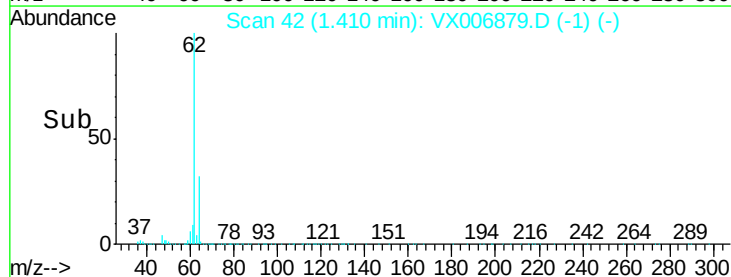
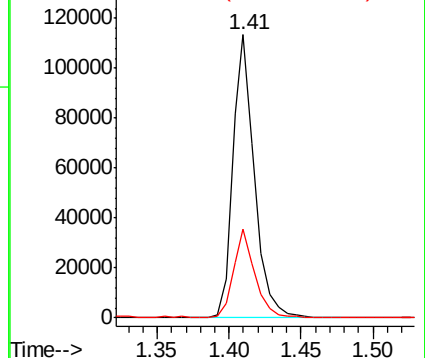
62 100

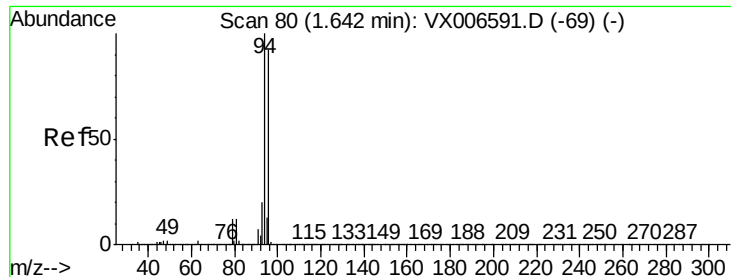
64 31.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.809 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

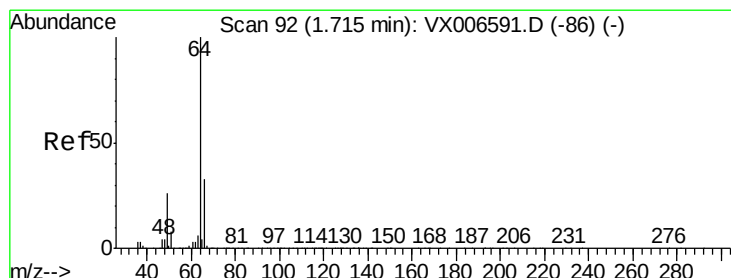
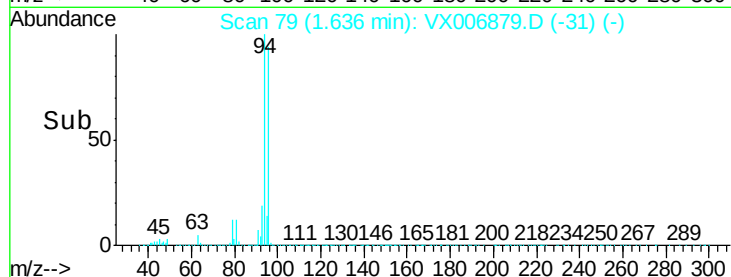
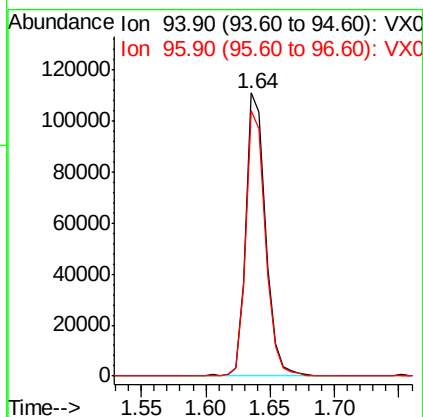
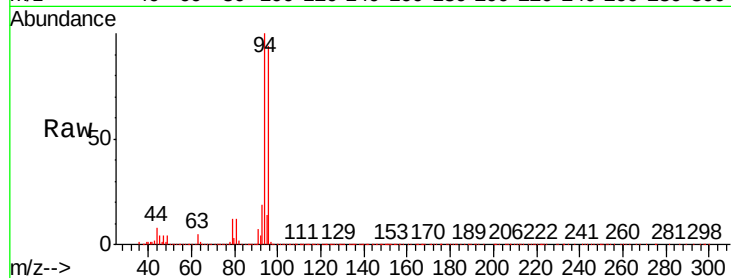
VX0102MBSD01

Tgt Ion: 94 Resp: 116113

Ion Ratio Lower Upper

94 100

96 93.9 73.4 110.2



#6

Chloroethane

Concen: 15.625 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006879.D

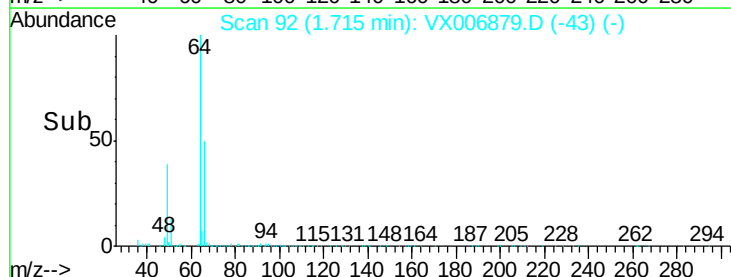
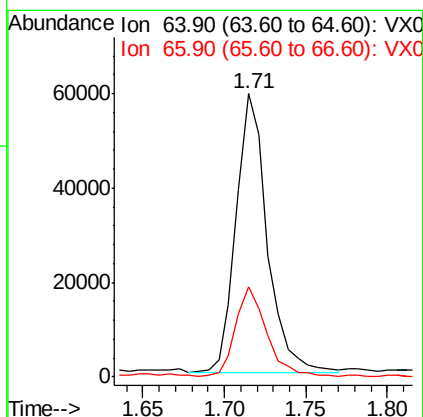
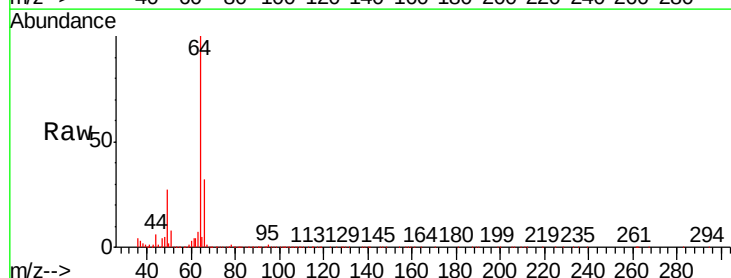
Acq: 02 Jan 2019 14:18

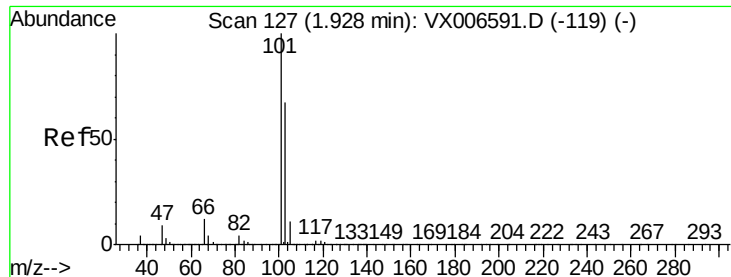
Tgt Ion: 64 Resp: 78635

Ion Ratio Lower Upper

64 100

66 32.1 26.4 39.6



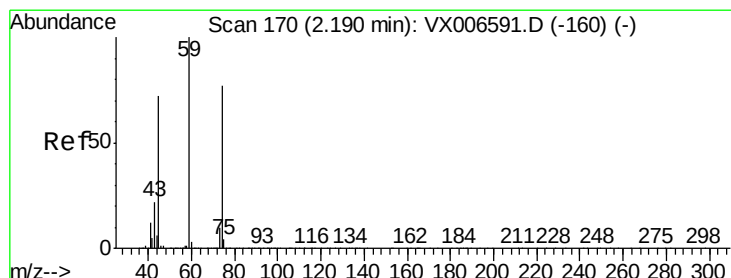
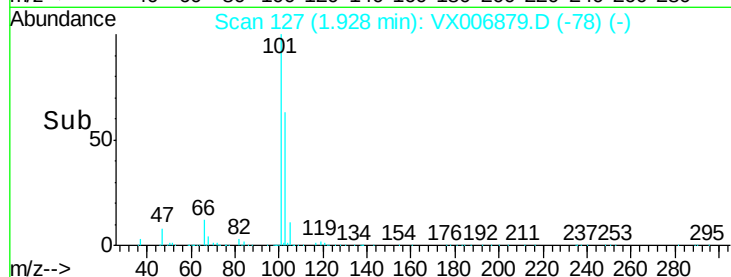
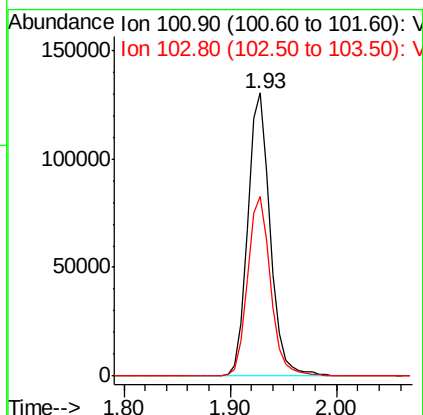
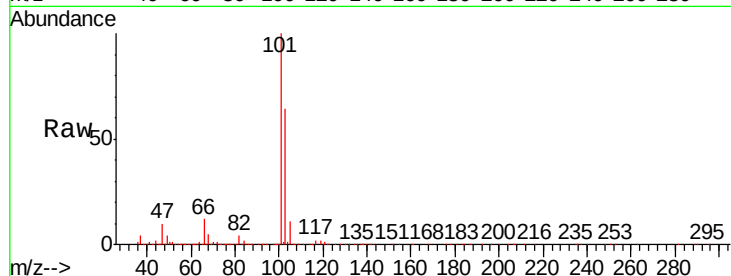


#7

Trichlorofluoromethane
Concen: 17.053 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBSD01

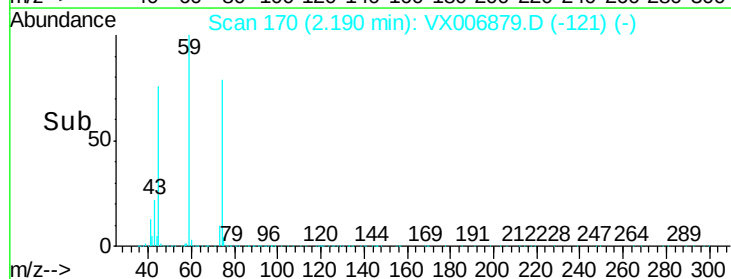
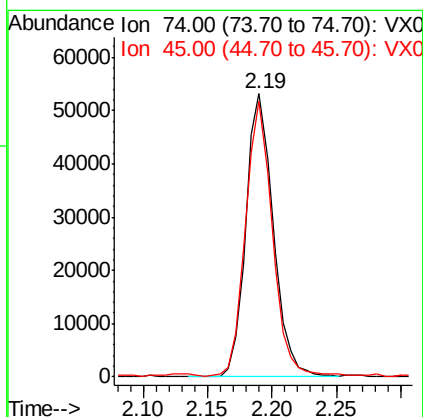
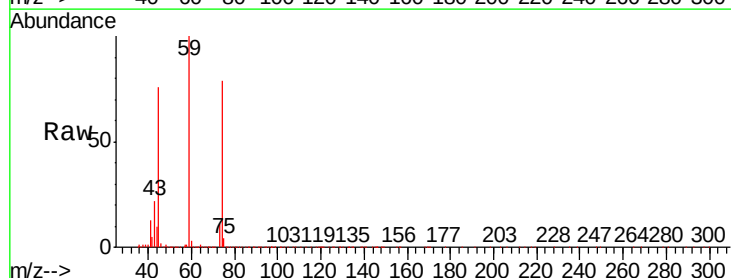
Tgt Ion:101 Resp: 193235
Ion Ratio Lower Upper
101 100
103 63.7 53.2 79.8

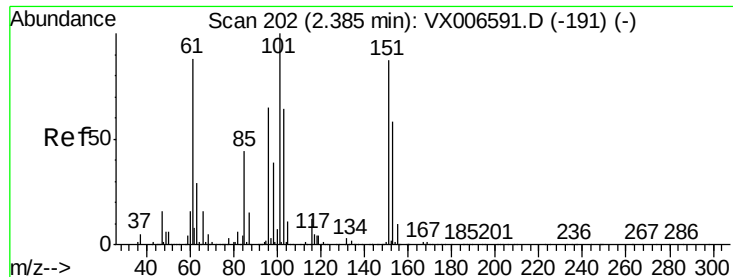


#8

Diethyl Ether
Concen: 17.212 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

Tgt Ion: 74 Resp: 77466
Ion Ratio Lower Upper
74 100
45 95.1 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.402 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

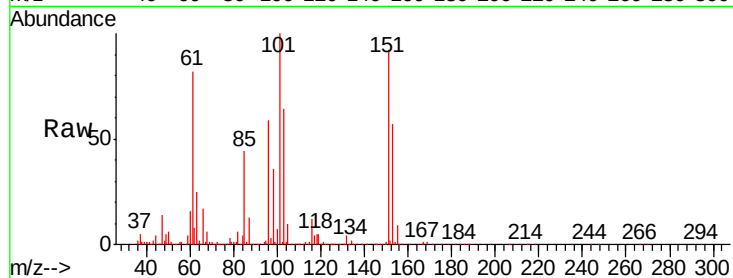
Tgt Ion:101 Resp: 122436

Ion Ratio Lower Upper

101 100

85 43.6 35.1 52.7

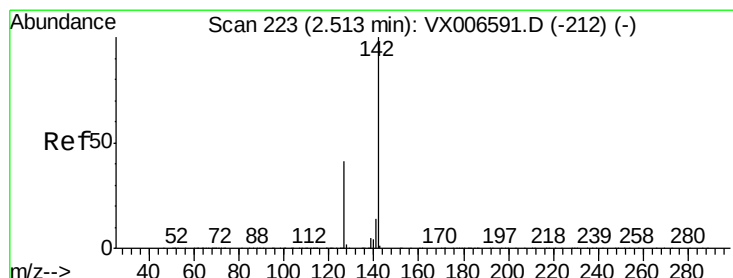
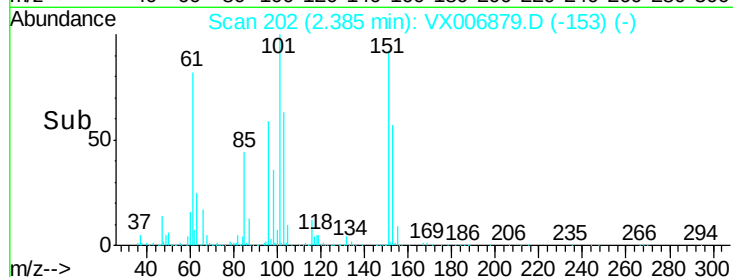
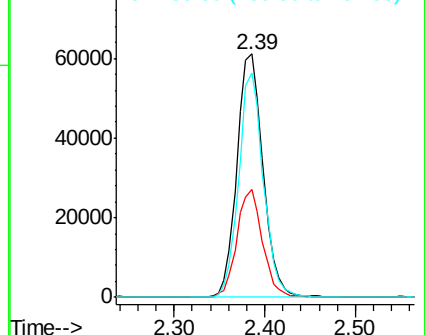
151 87.5 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.992 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

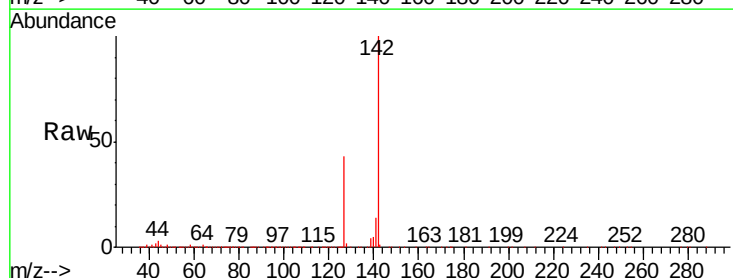
Tgt Ion:142 Resp: 161831

Ion Ratio Lower Upper

142 100

127 42.4 33.9 50.9

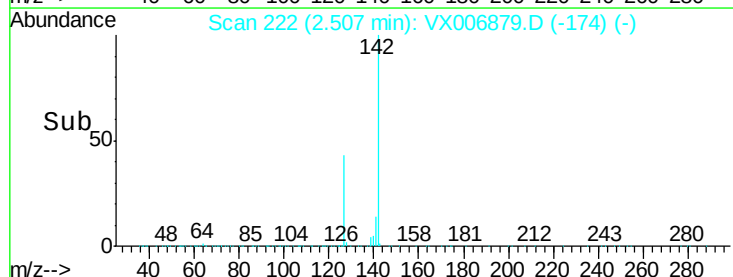
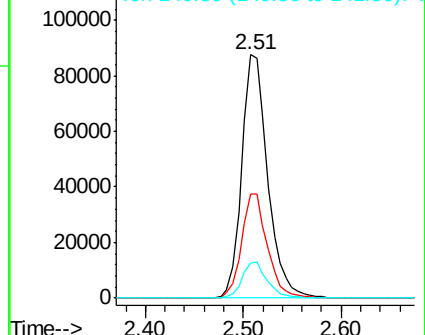
141 14.5 11.4 17.0

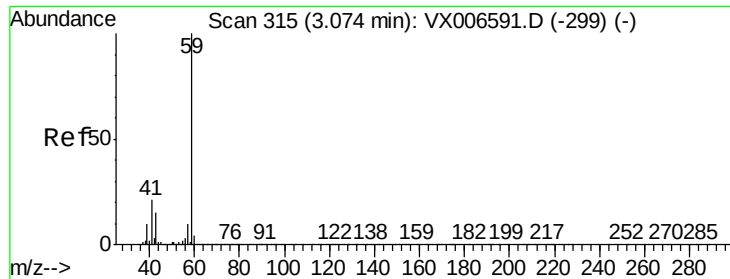


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

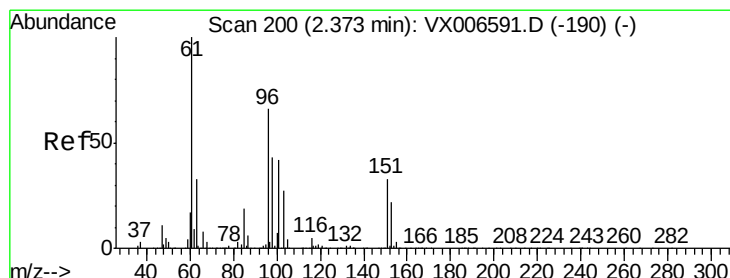
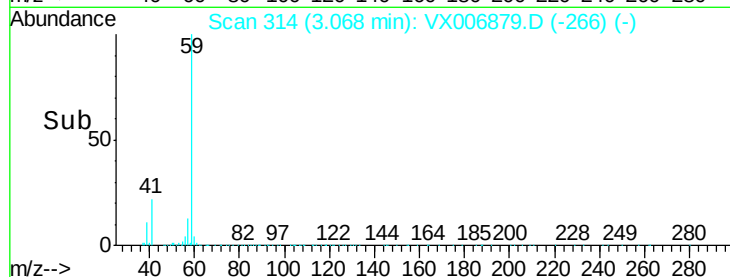
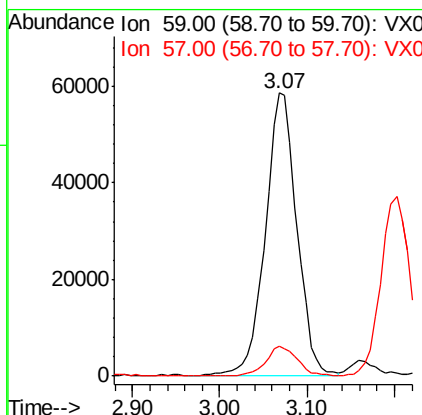
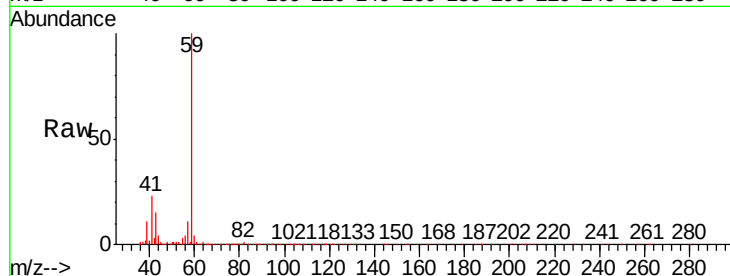




#11
Tert butyl alcohol
Concen: 86.156 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

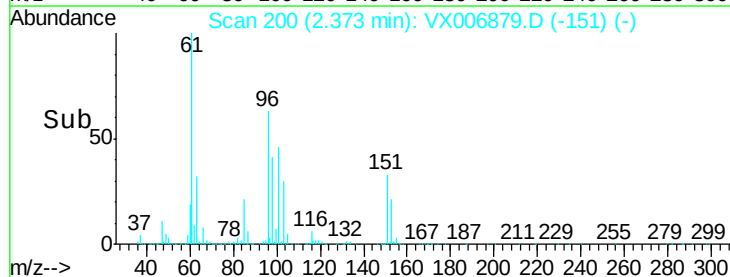
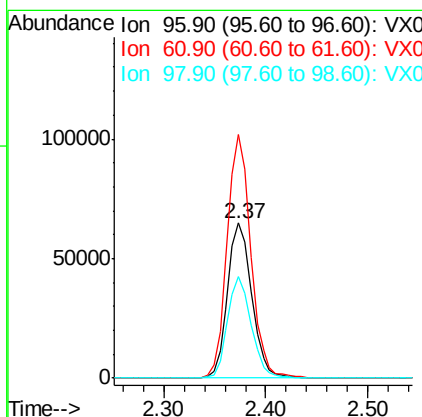
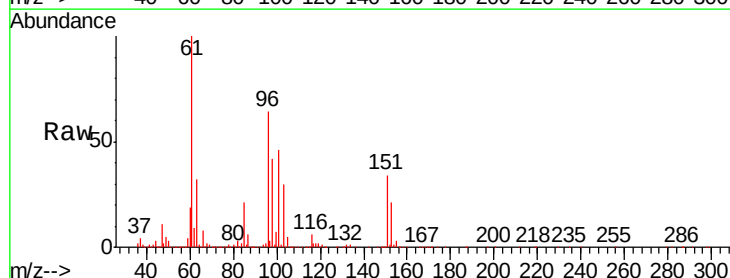
Instrument :
MSVOA_X
ClientSampleId :
VX0102MBSD01

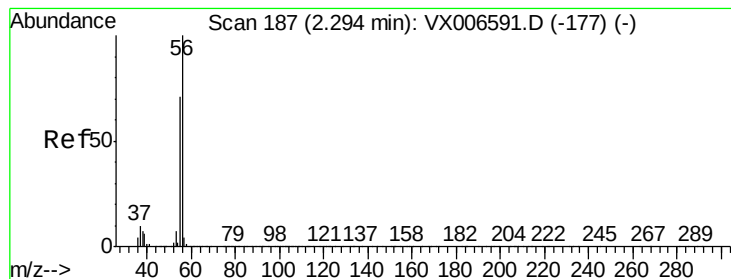
Tgt Ion: 59 Resp: 146319
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 16.967 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

Tgt Ion: 96 Resp: 107041
Ion Ratio Lower Upper
96 100
61 157.0 121.4 182.2
98 65.3 51.9 77.9





#13

Acrolein

Concen: 82.560 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

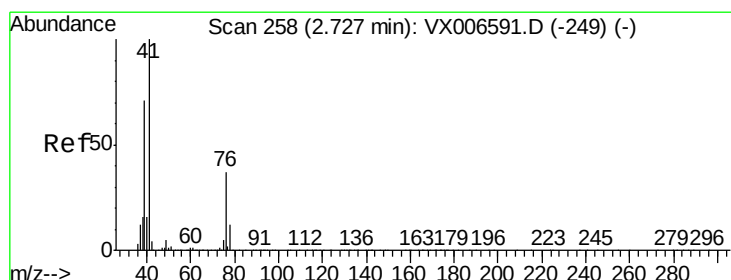
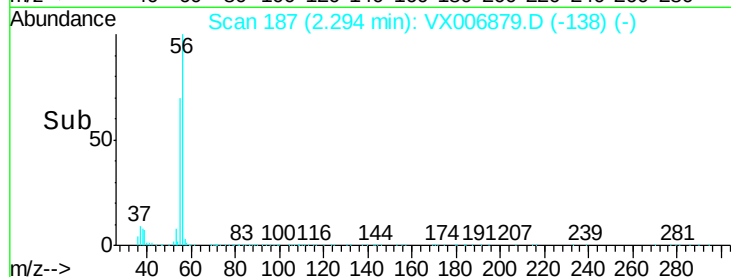
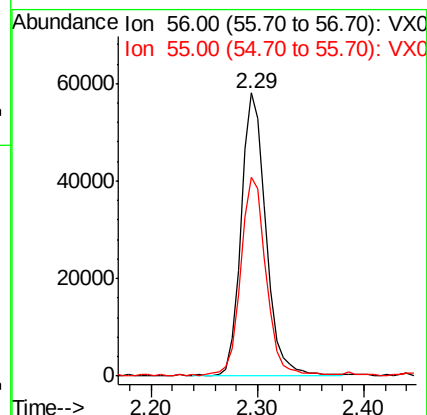
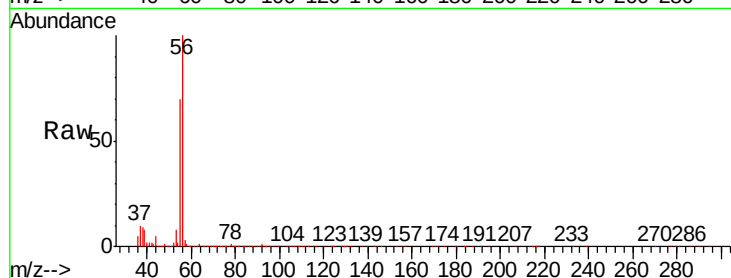
VX0102MBSD01

Tgt Ion: 56 Resp: 94588

Ion Ratio Lower Upper

56 100

55 71.3 58.2 87.4



#14

Allyl chloride

Concen: 17.506 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

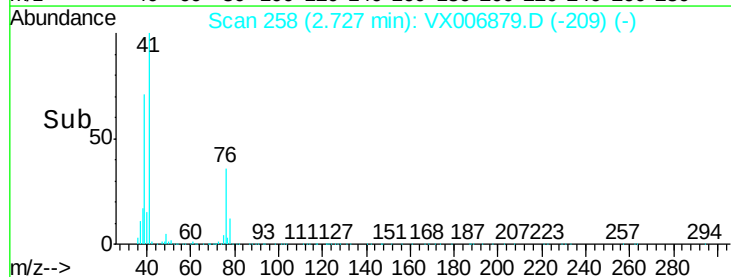
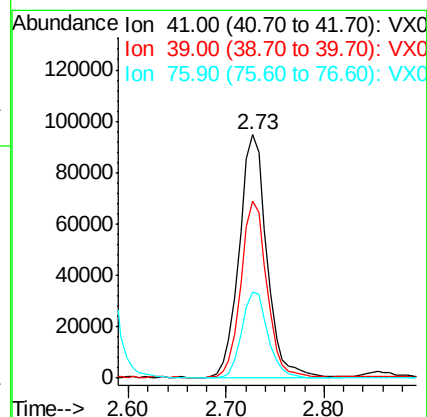
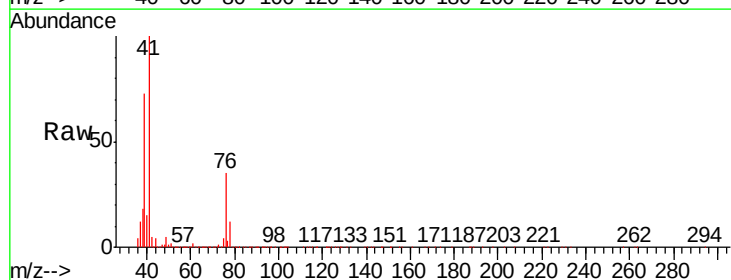
Tgt Ion: 41 Resp: 185891

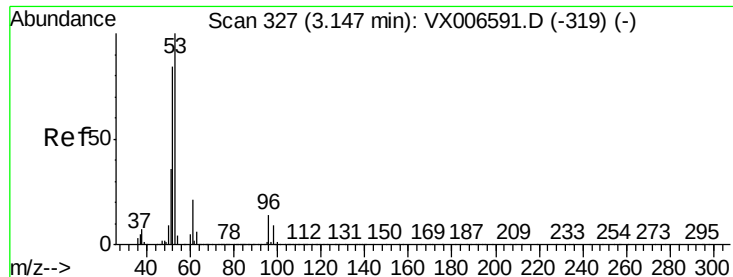
Ion Ratio Lower Upper

41 100

39 68.1 53.6 80.4

76 33.8 27.4 41.2





#15

Acrylonitrile

Concen: 89.851 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

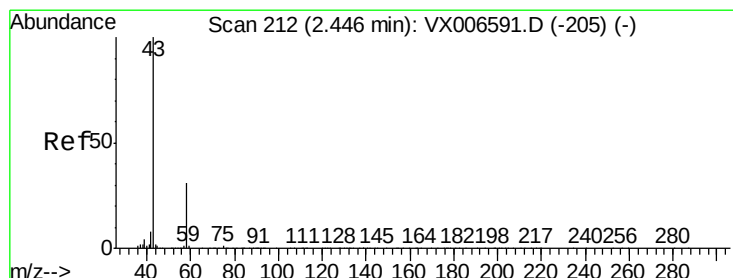
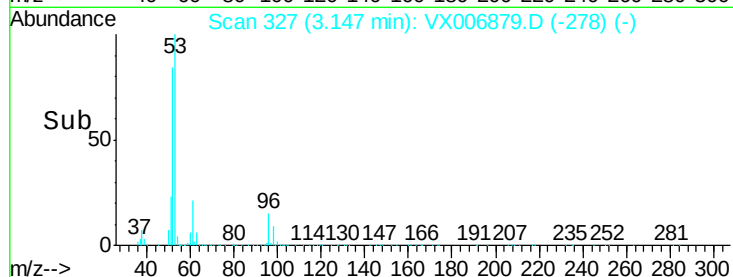
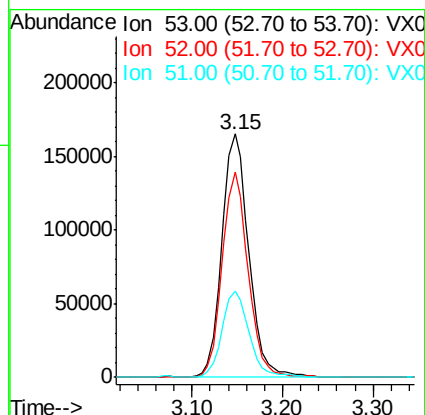
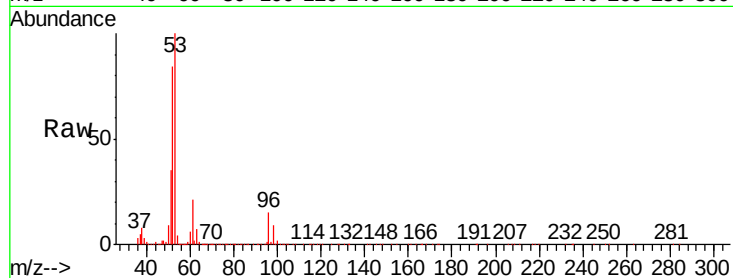
Tgt Ion: 53 Resp: 338806

Ion Ratio Lower Upper

53 100

52 81.7 66.0 99.0

51 35.7 28.6 42.8



#16

Acetone

Concen: 90.497 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006879.D

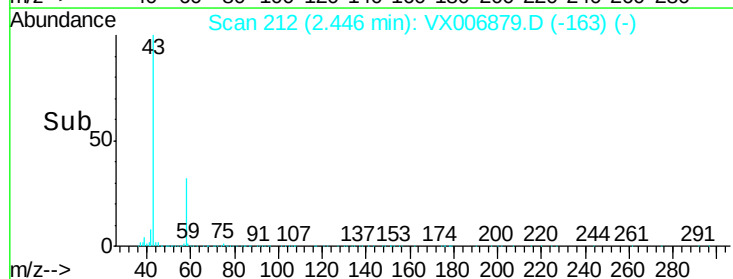
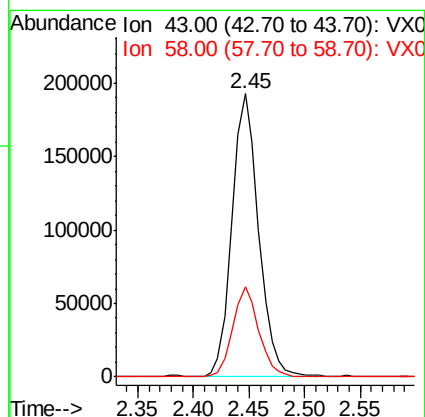
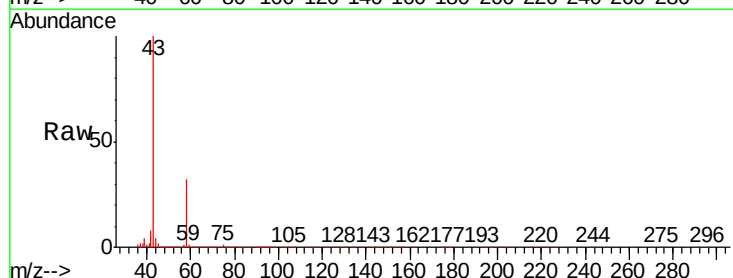
Acq: 02 Jan 2019 14:18

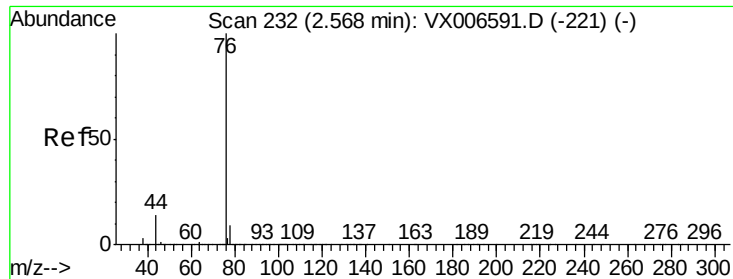
Tgt Ion: 43 Resp: 316393

Ion Ratio Lower Upper

43 100

58 32.1 25.0 37.6





#17

Carbon Disulfide

Concen: 12.877 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

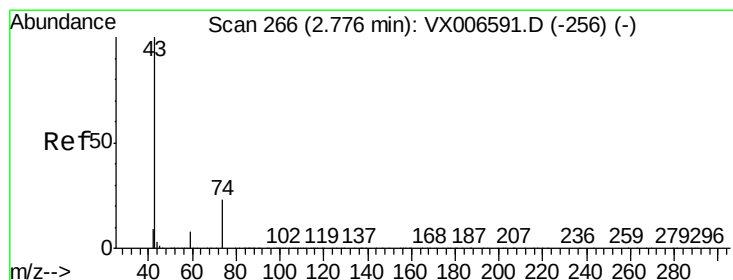
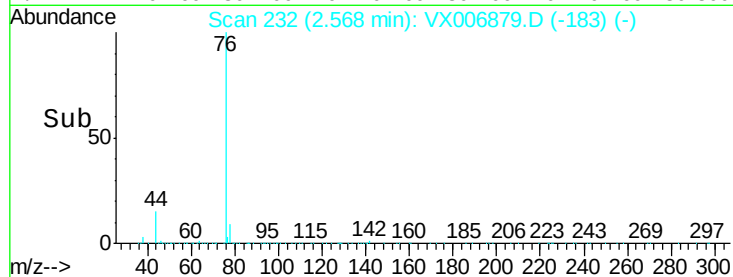
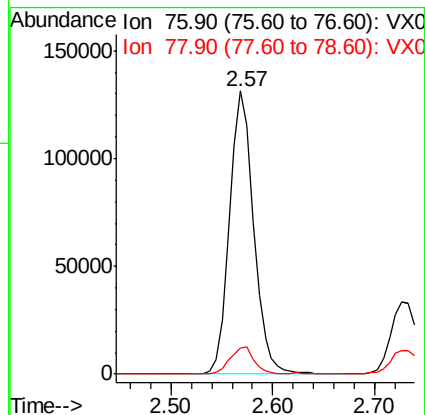
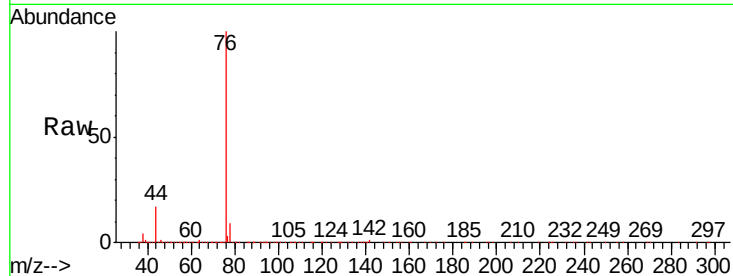
VX0102MBSD01

Tgt Ion: 76 Resp: 214981

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 19.522 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX006879.D

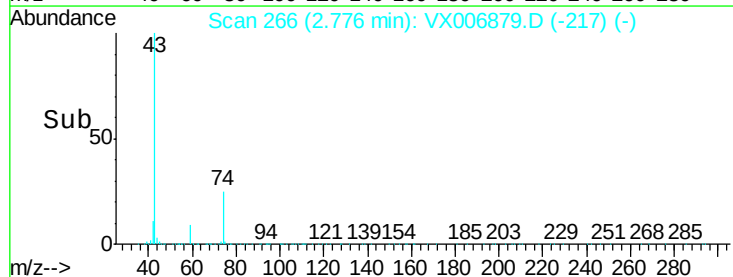
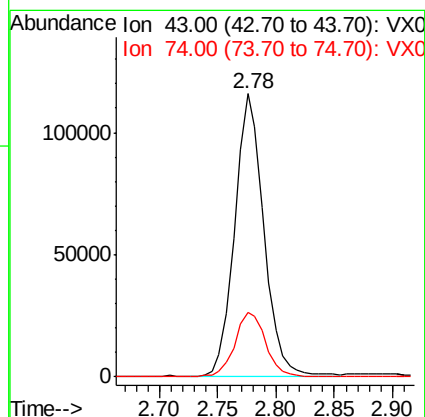
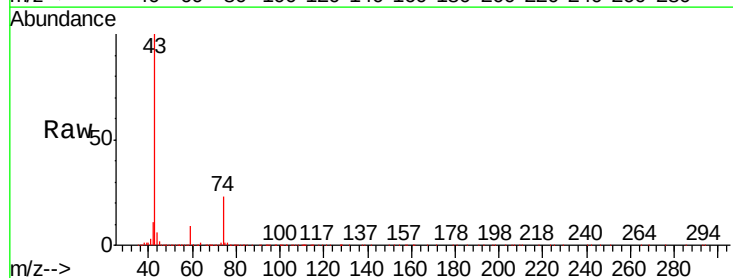
Acq: 02 Jan 2019 14:18

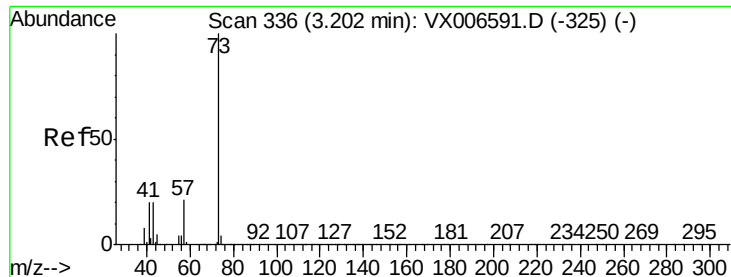
Tgt Ion: 43 Resp: 200691

Ion Ratio Lower Upper

43 100

74 23.9 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 18.952 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

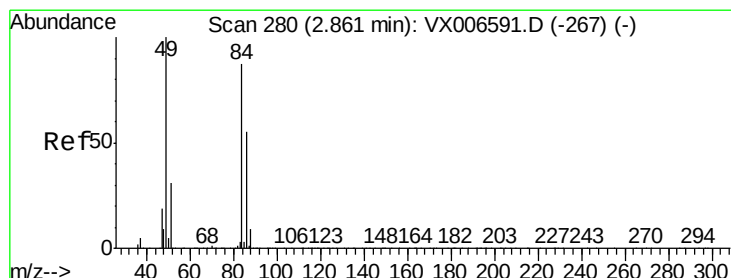
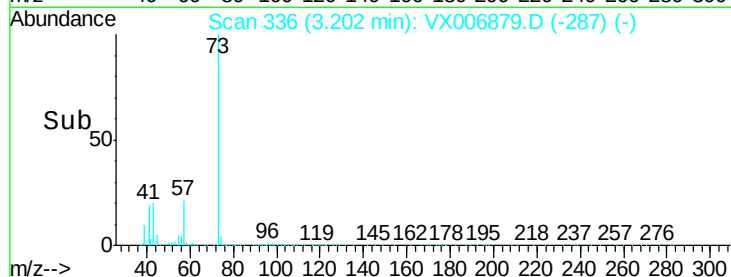
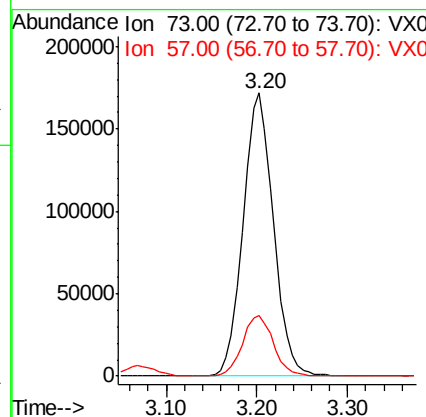
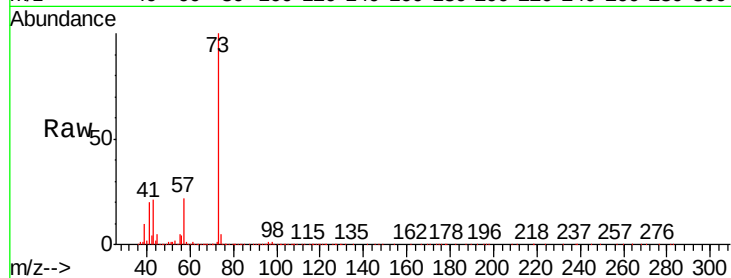
VX0102MBSD01

Tgt Ion: 73 Resp: 396833

Ion Ratio Lower Upper

73 100

57 21.6 16.8 25.2



#20

Methylene Chloride

Concen: 17.670 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Tgt Ion: 84 Resp: 127742

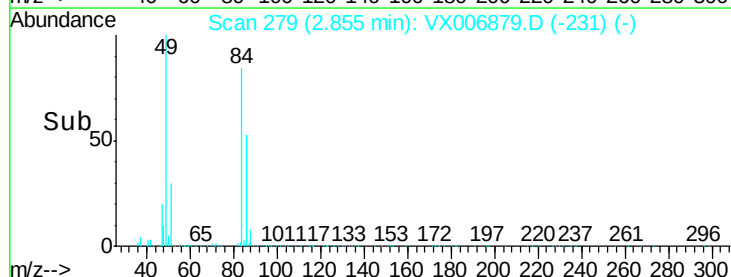
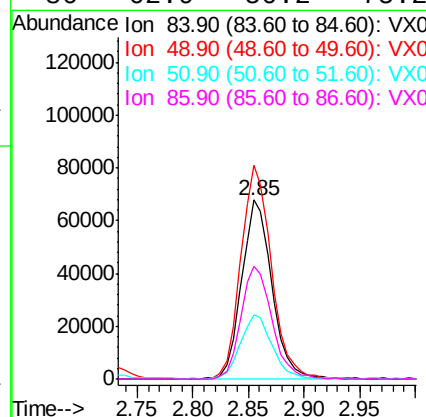
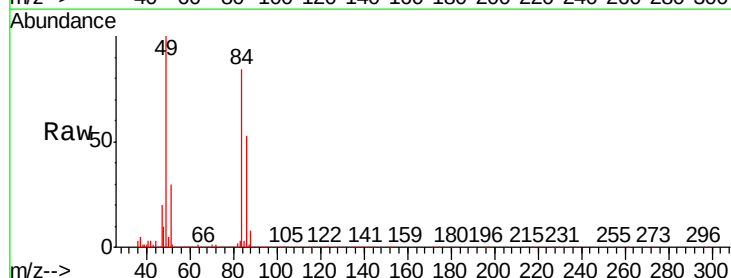
Ion Ratio Lower Upper

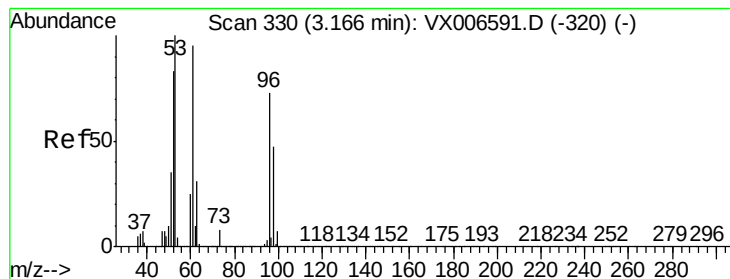
84 100

49 119.1 91.8 137.6

51 35.7 28.5 42.7

86 62.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 16.047 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

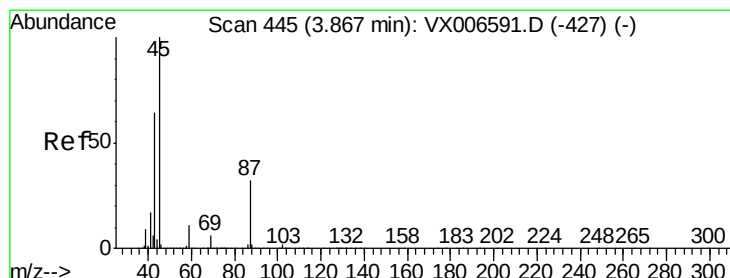
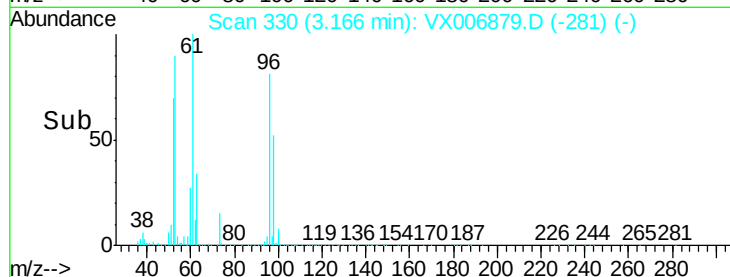
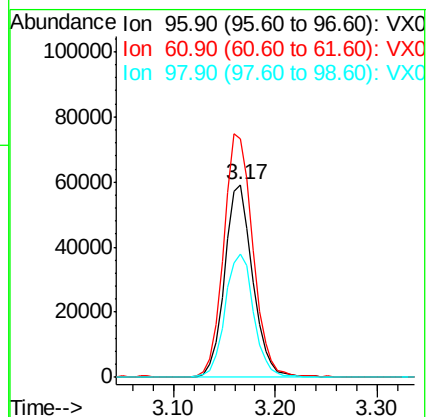
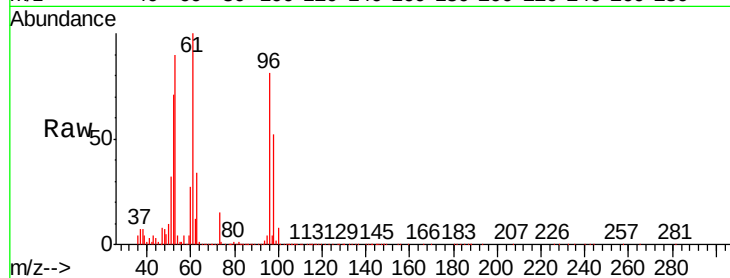
Tgt Ion: 96 Resp: 112167

Ion Ratio Lower Upper

96 100

61 123.4 103.7 155.5

98 63.6 51.0 76.6



#22

Diisopropyl ether

Concen: 18.824 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Tgt Ion: 45 Resp: 365690

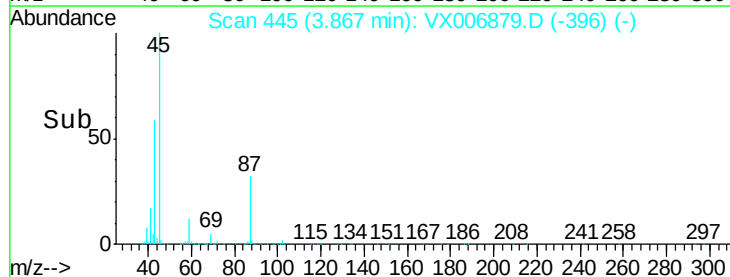
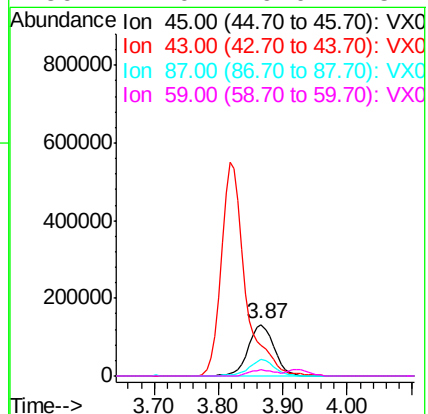
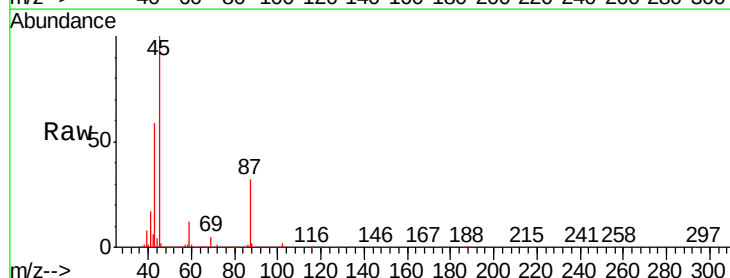
Ion Ratio Lower Upper

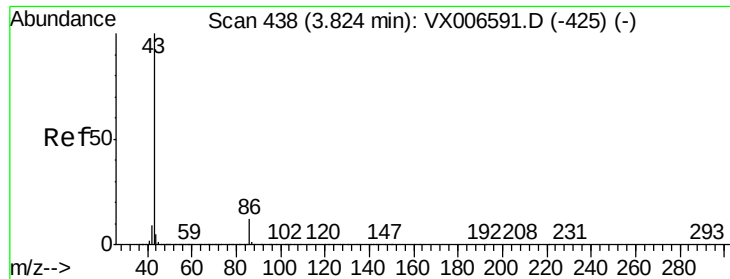
45 100

43 59.0 51.2 76.8

87 31.6 25.8 38.6

59 12.0 9.0 13.4





#23

Vinyl Acetate

Concen: 90.893 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

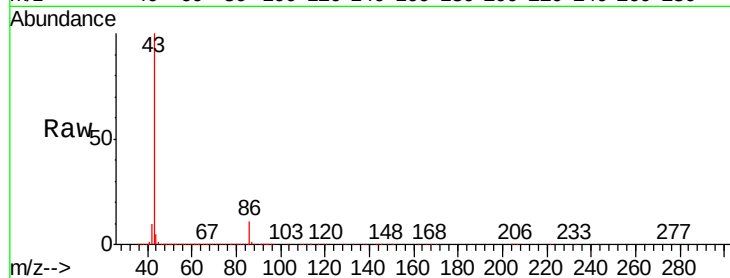
VX0102MBSD01

Tgt Ion: 43 Resp: 1444321

Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

600000

500000

400000

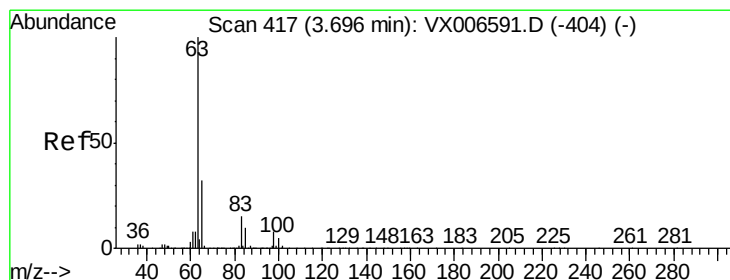
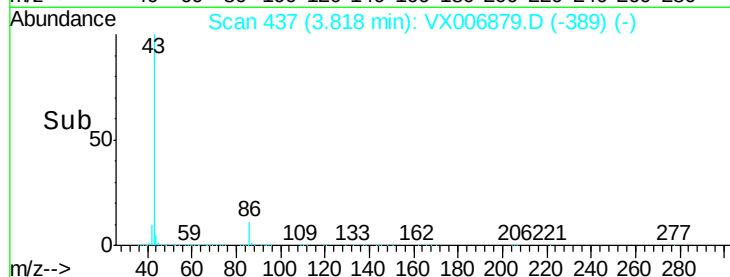
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.147 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

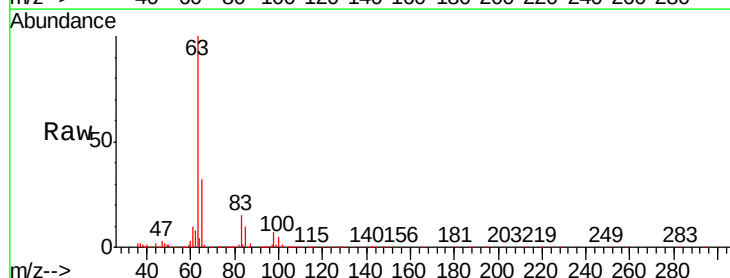
Tgt Ion: 63 Resp: 210449

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 5.0 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

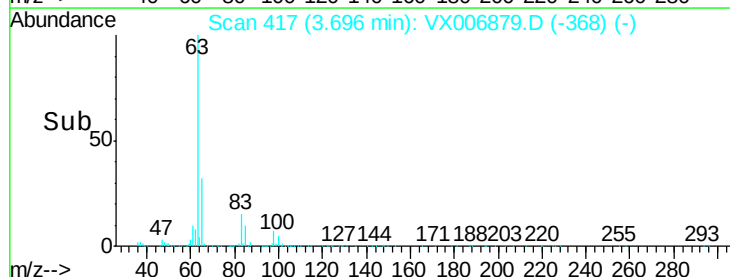
60000

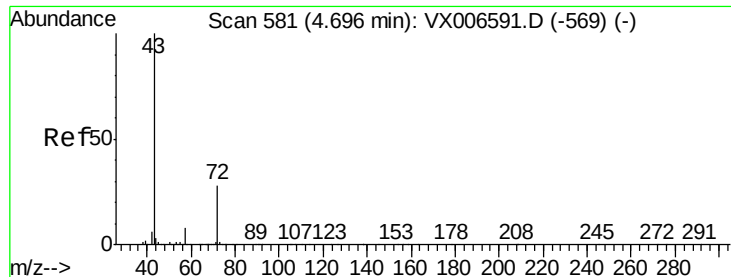
40000

20000

0

Time-->





#25

2-Butanone

Concen: 89.684 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

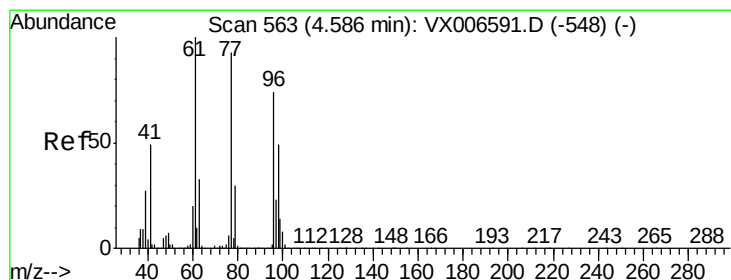
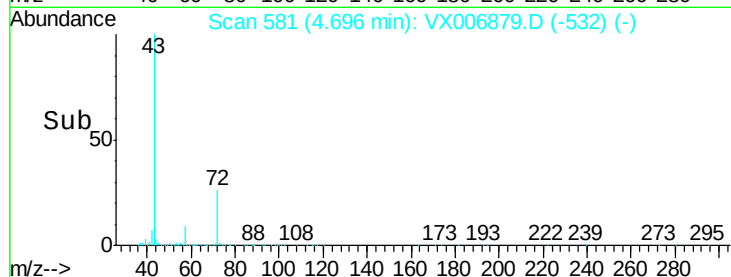
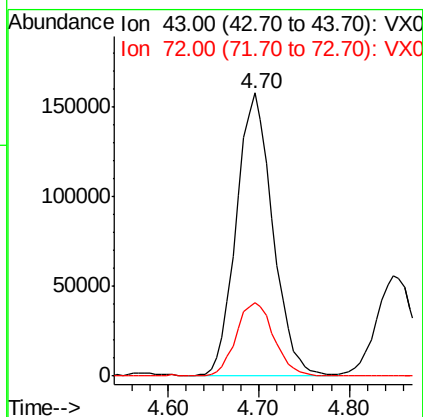
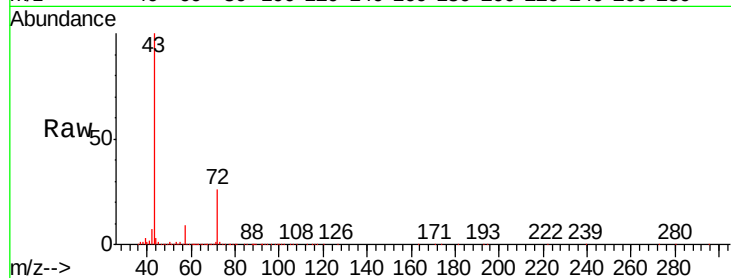
VX0102MBSD01

Tgt Ion: 43 Resp: 441051

Ion Ratio Lower Upper

43 100

72 25.9 22.4 33.6



#26

2,2-Dichloropropane

Concen: 17.592 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006879.D

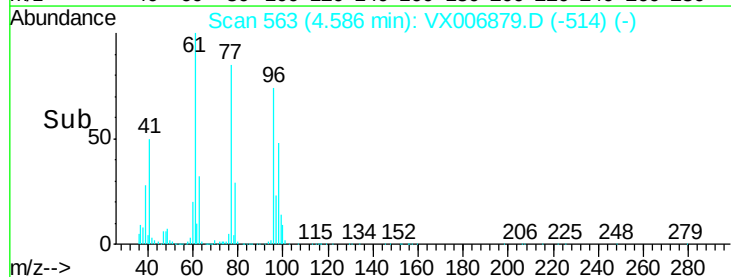
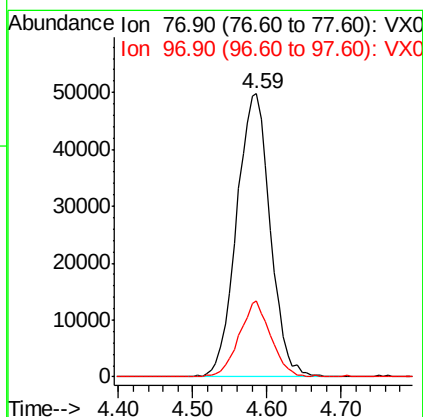
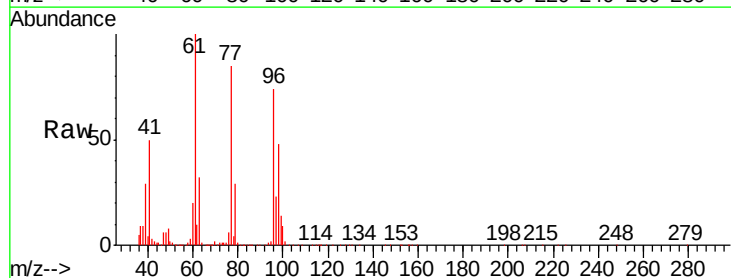
Acq: 02 Jan 2019 14:18

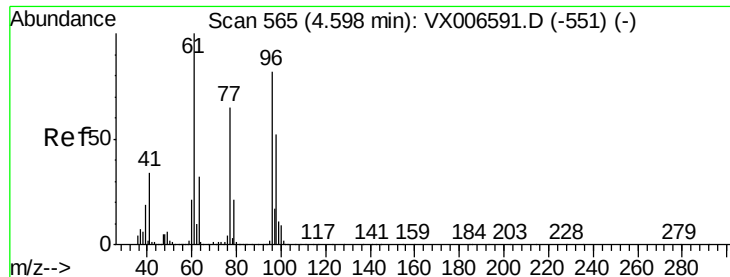
Tgt Ion: 77 Resp: 157591

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4



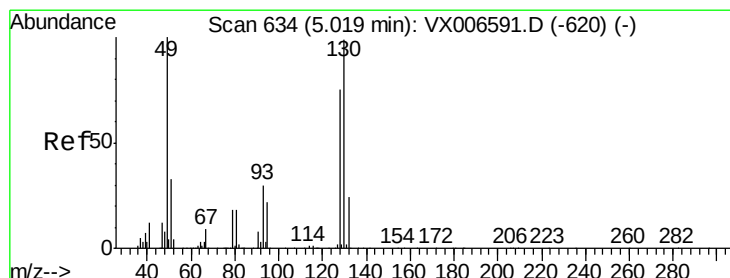
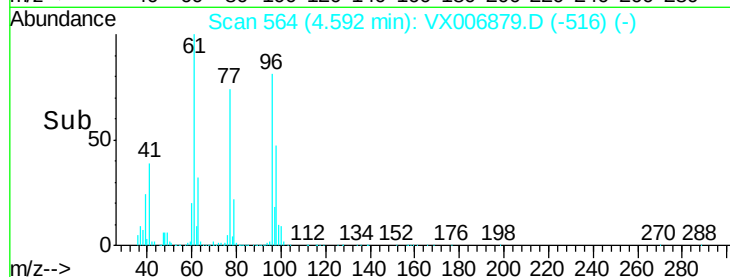
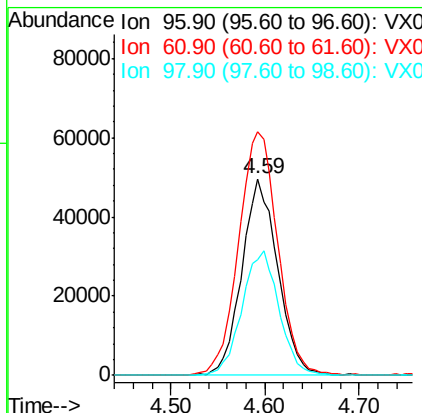
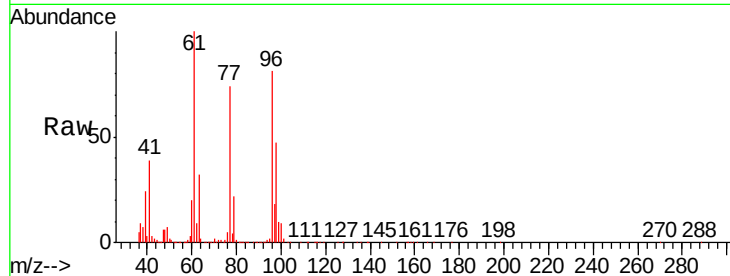


#27

cis-1,2-Dichloroethene
 Concen: 17.206 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBSD01

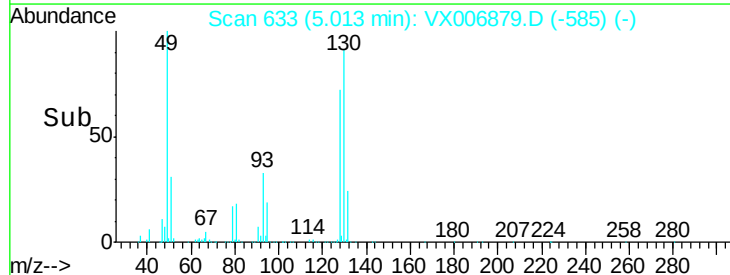
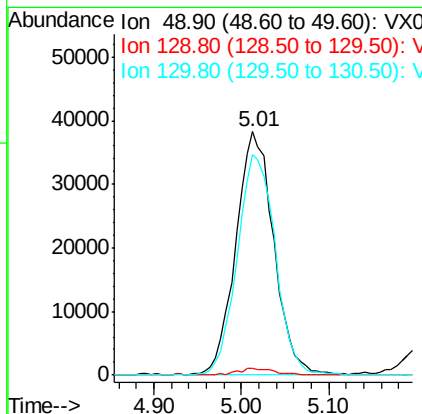
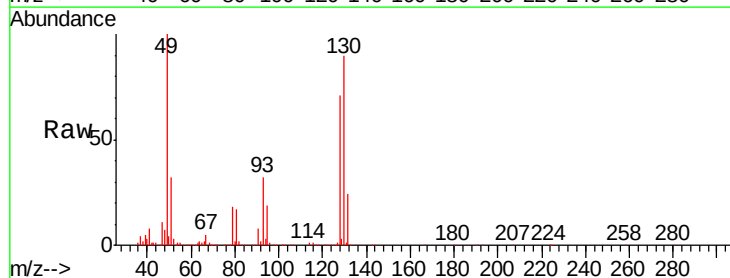
Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	258.6
98	65.2	0.0	132.0

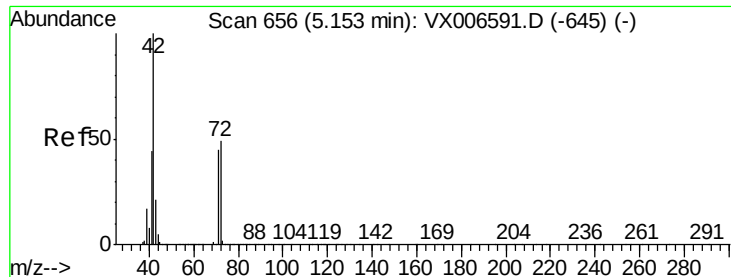


#28

Bromochloromethane
 Concen: 22.544 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	91.4	77.7	116.5





#29

Tetrahydrofuran

Concen: 84.772 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

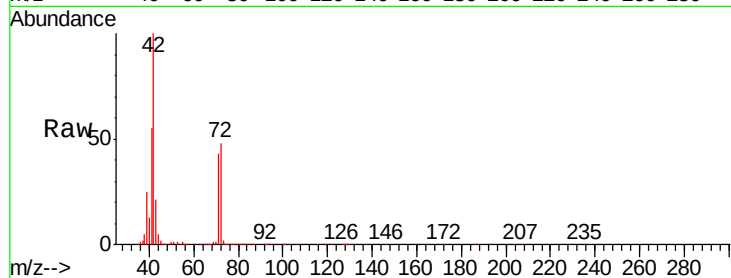
Tgt Ion: 42 Resp: 274579

Ion Ratio Lower Upper

42 100

72 47.2 38.9 58.3

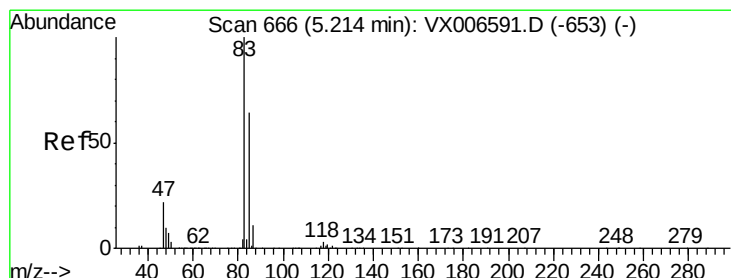
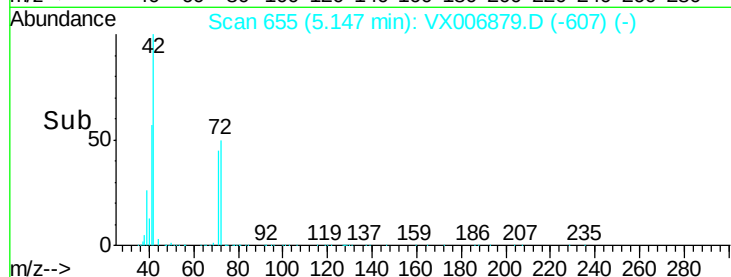
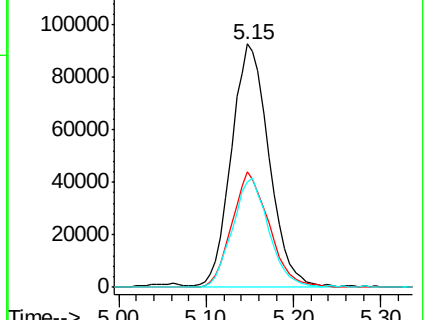
71 43.8 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.353 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX006879.D

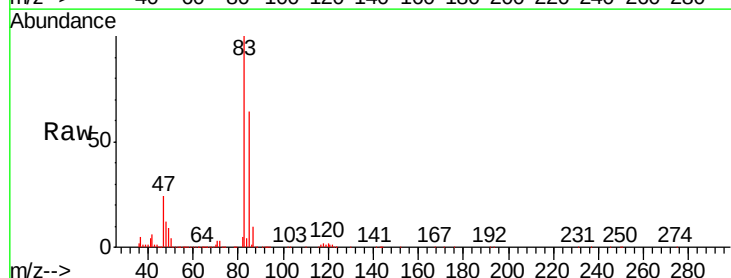
Acq: 02 Jan 2019 14:18

Tgt Ion: 83 Resp: 208394

Ion Ratio Lower Upper

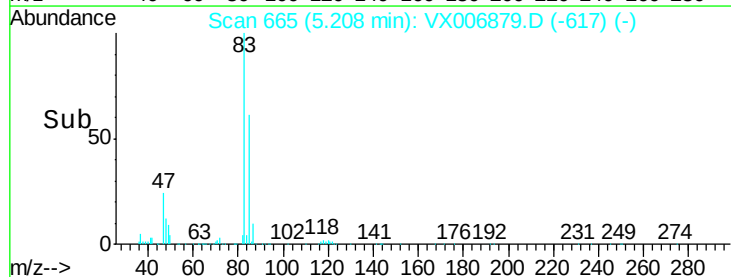
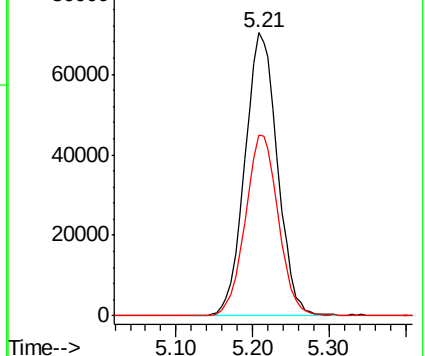
83 100

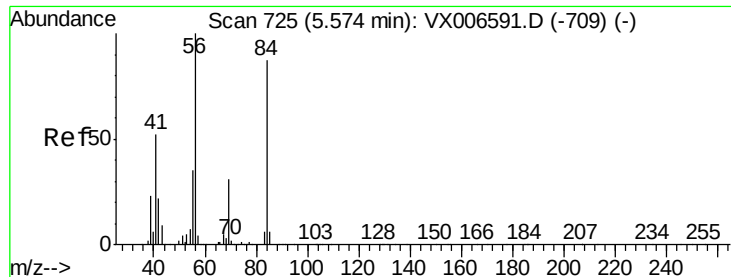
85 64.1 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

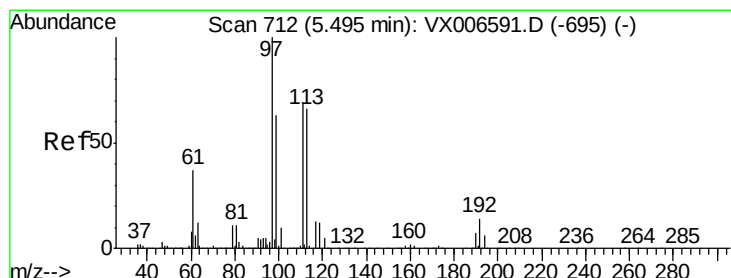
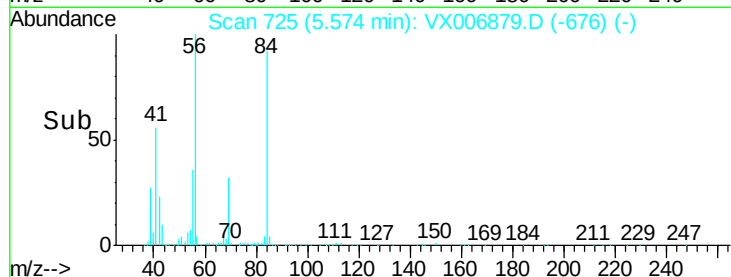
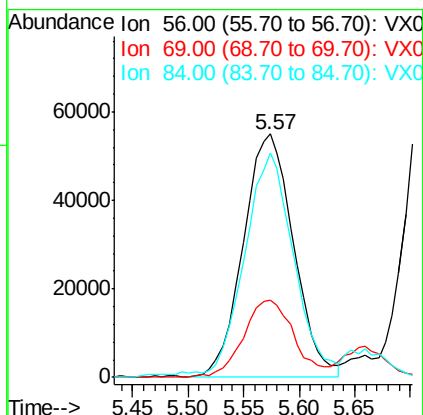
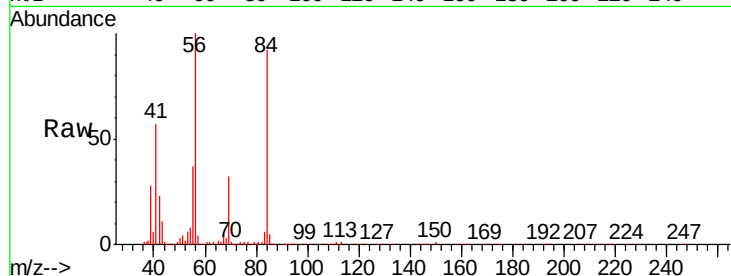




#31
Cyclohexane
Concen: 16.308 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

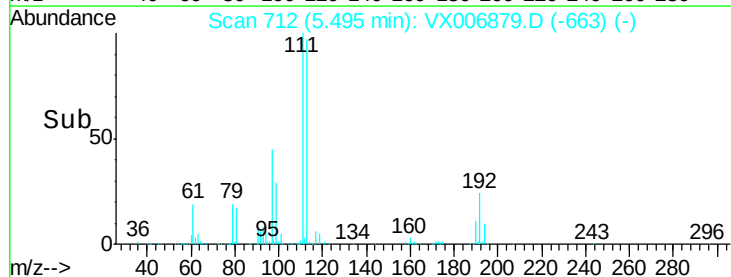
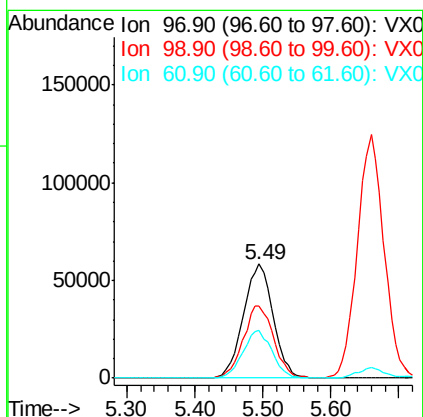
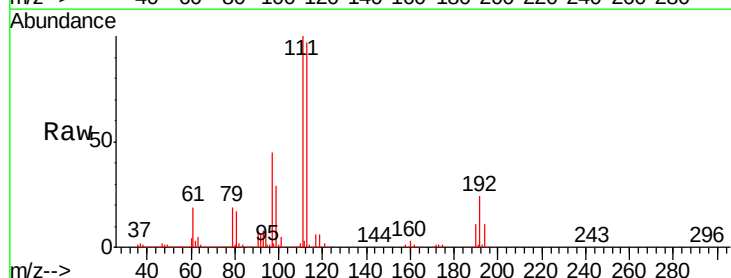
Instrument :
MSVOA_X
ClientSampleId :
VX0102MBSD01

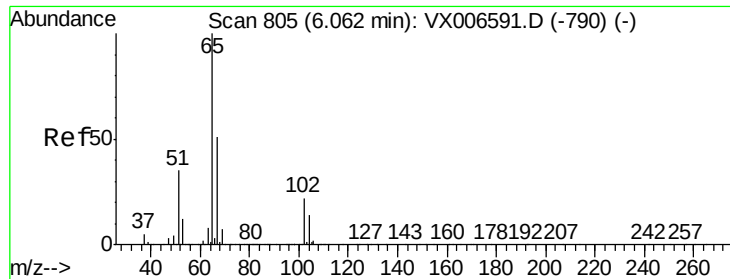
Tgt Ion: 56 Resp: 171813
Ion Ratio Lower Upper
56 100
69 31.8 24.4 36.6
84 90.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 17.519 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

Tgt Ion: 97 Resp: 177652
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 41.5 31.3 46.9

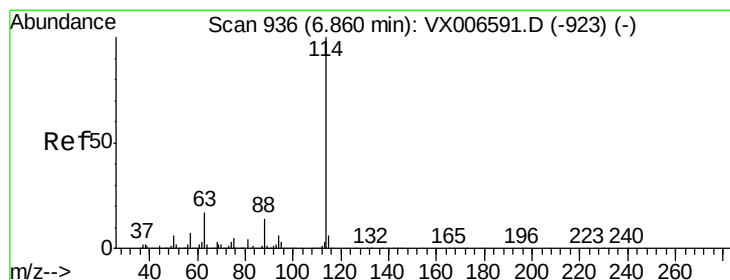
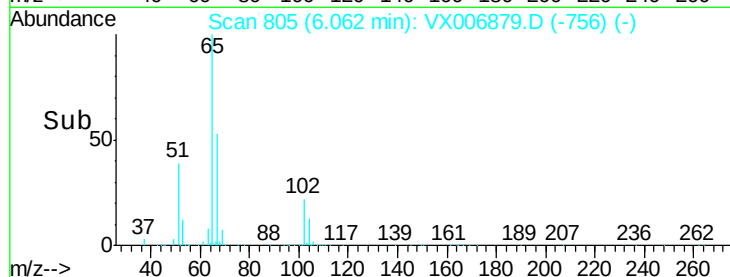
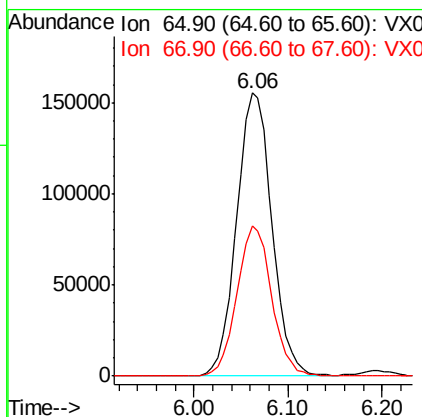
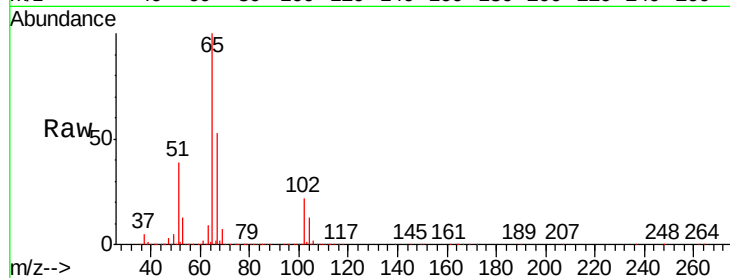




#33
 1,2-Dichloroethane-d4
 Concen: 53.548 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

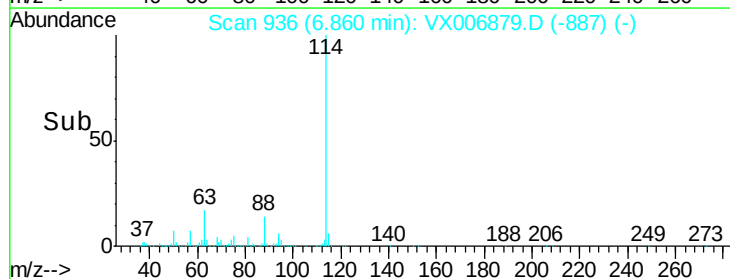
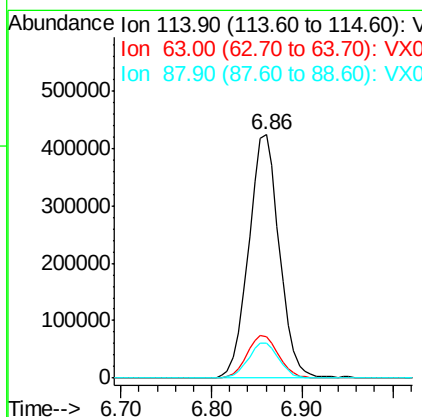
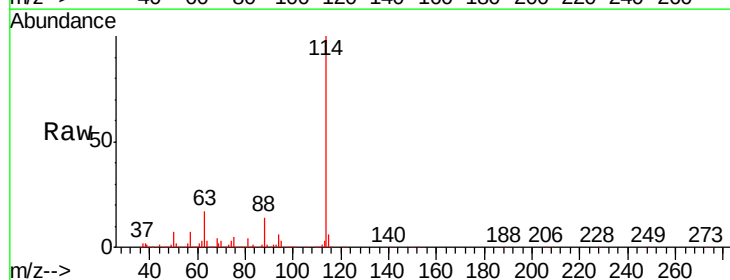
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBSD01

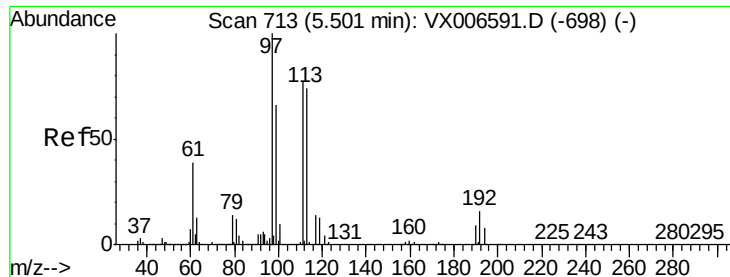
Tgt Ion: 65 Resp: 407488
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

Tgt Ion: 114 Resp: 990066
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.8
 88 14.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 58.732 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

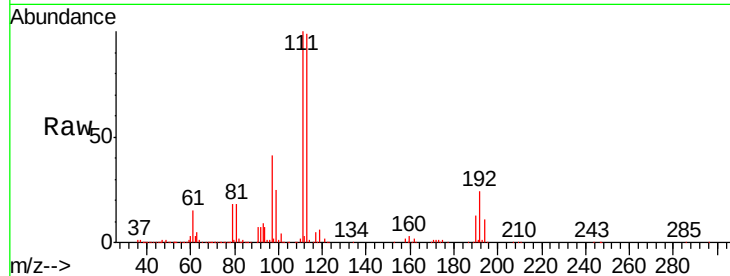
Tgt Ion:113 Resp: 367718

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

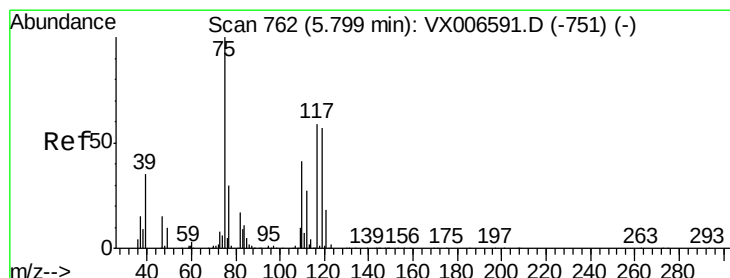
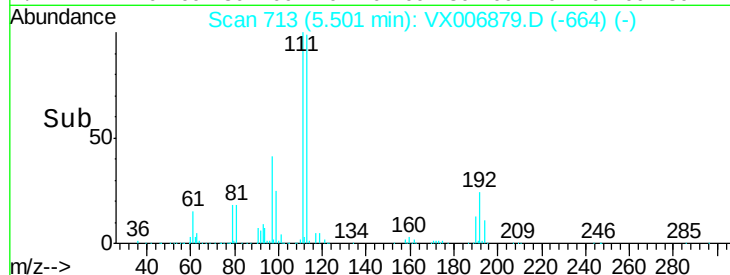
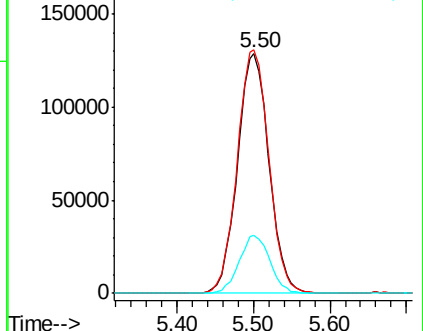
192 23.7 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.423 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

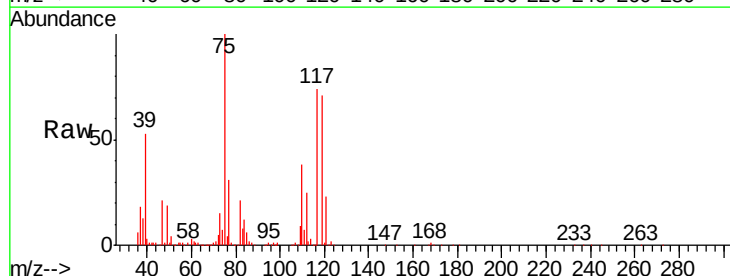
Tgt Ion: 75 Resp: 151069

Ion Ratio Lower Upper

75 100

110 39.6 20.2 60.5

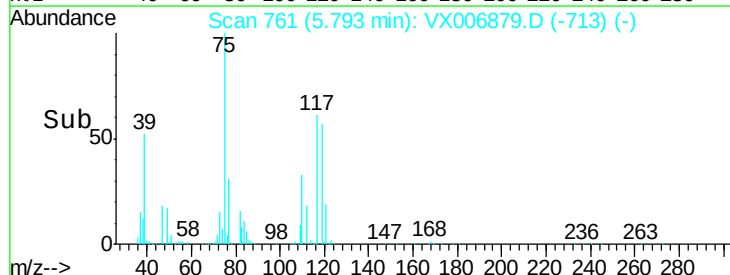
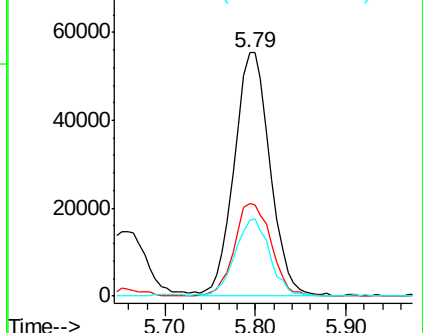
77 30.4 24.8 37.2

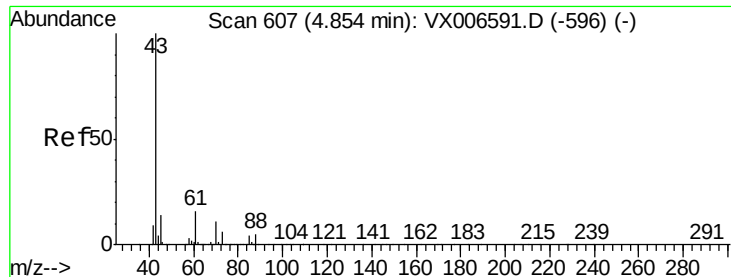


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

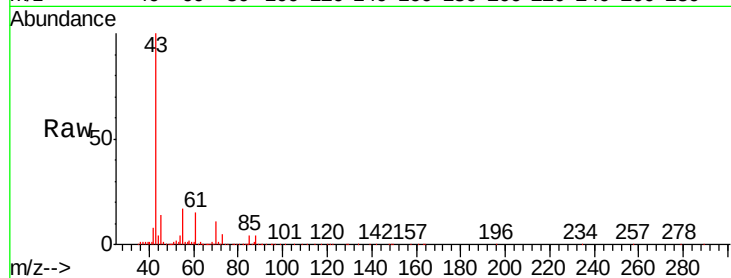




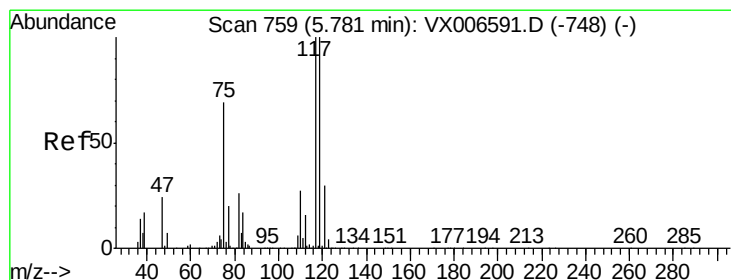
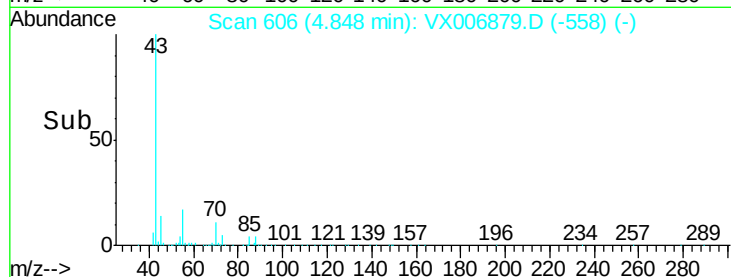
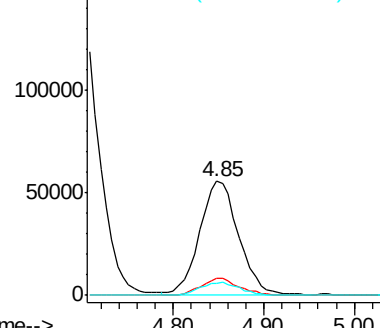
#37
Ethyl Acetate
Concen: 19.290 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VX0102MBS01

Tgt Ion: 43 Resp: 164639
Ion Ratio Lower Upper
43 100
61 14.4 11.9 17.9
70 11.8 9.7 14.5

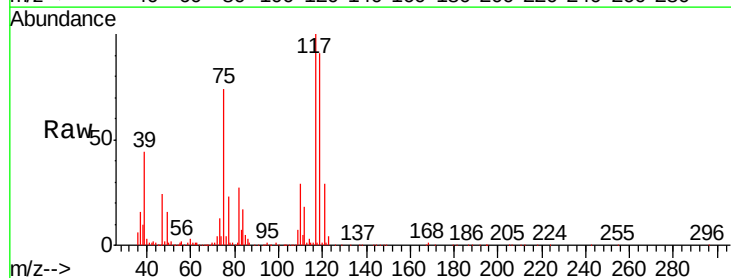


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

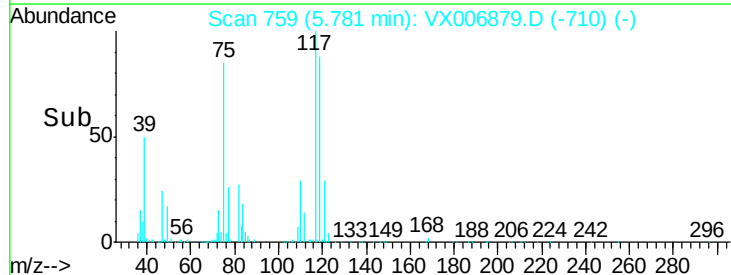
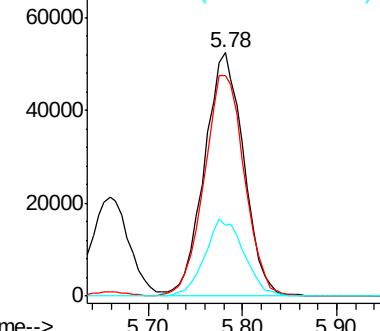


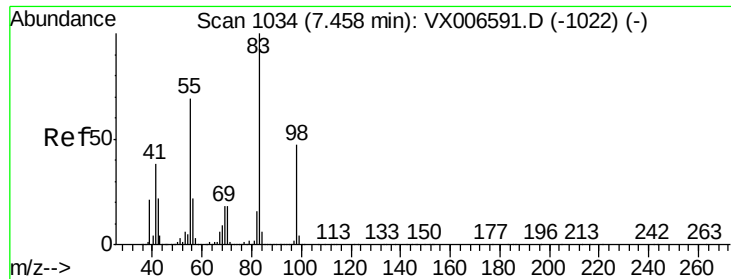
#38
Carbon Tetrachloride
Concen: 19.013 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

Tgt Ion: 117 Resp: 151520
Ion Ratio Lower Upper
117 100
119 90.5 79.4 119.2
121 29.0 24.0 36.0



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

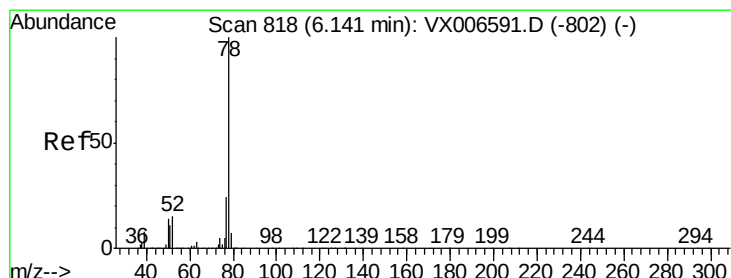
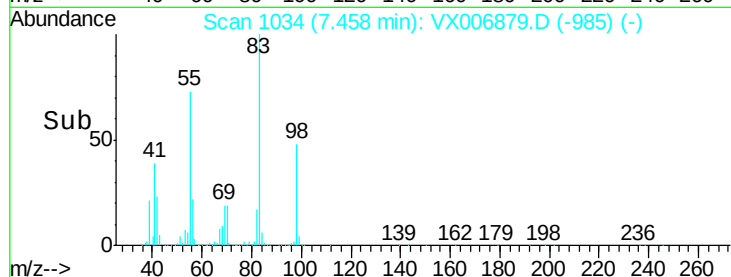
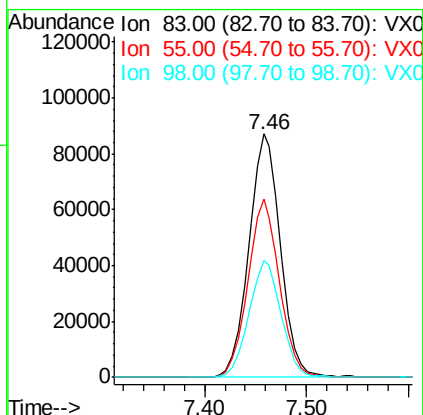
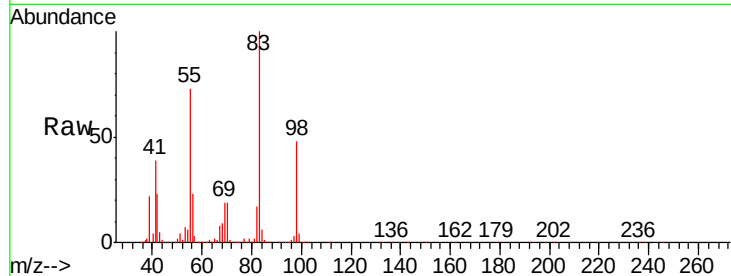




#39
Methylcyclohexane
Concen: 17.341 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

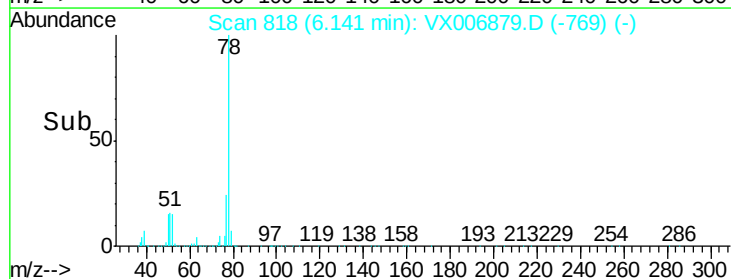
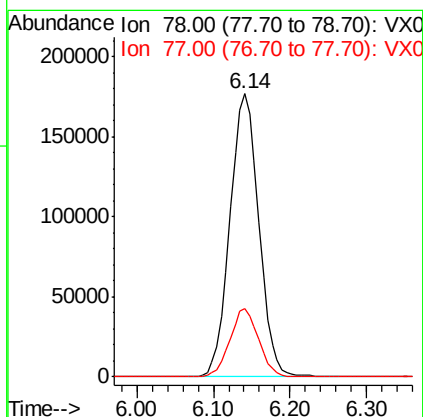
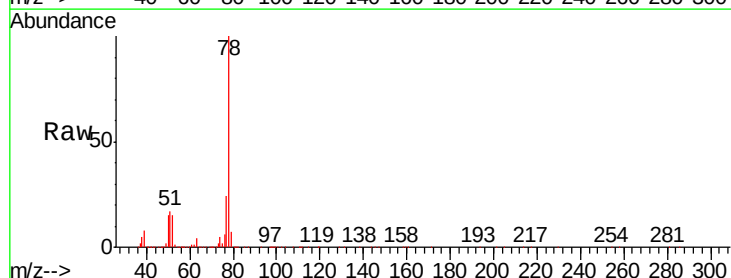
Instrument :
MSVOA_X
ClientSampleId :
VX0102MBSD01

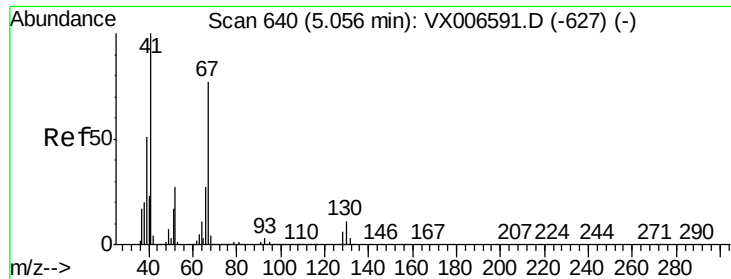
Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.5	54.9	82.3
98	48.0	37.9	56.9



#40
Benzene
Concen: 18.556 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8

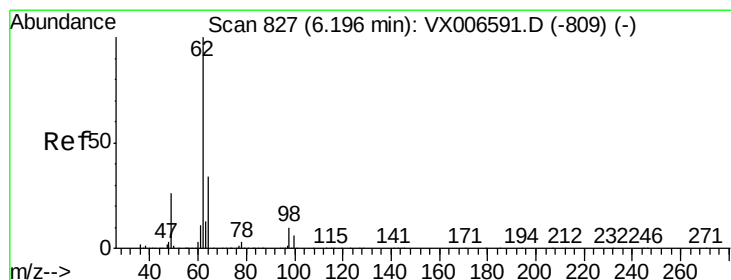
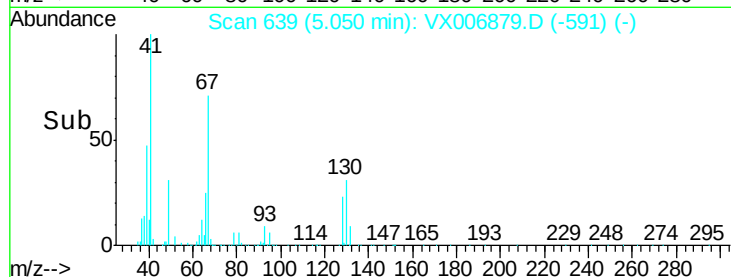
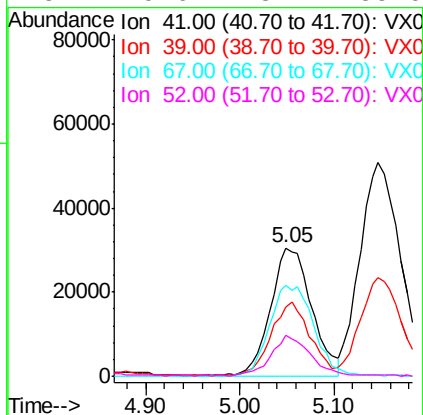
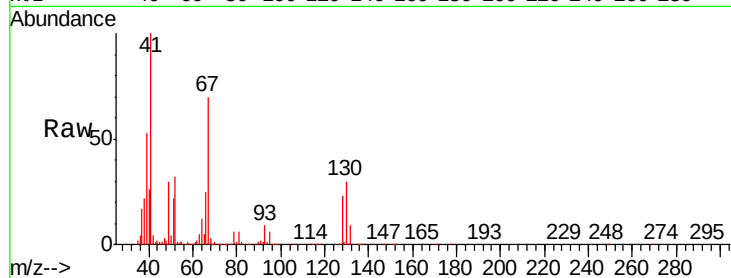




#41
Methacrylonitrile
Concen: 20.334 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

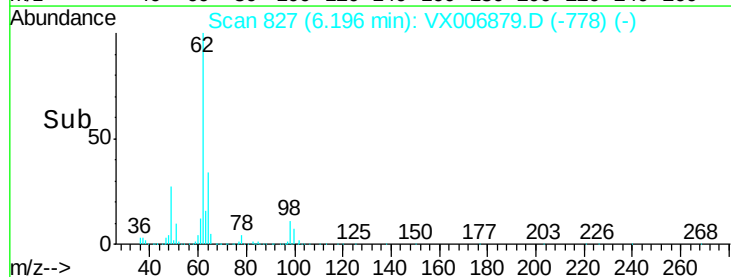
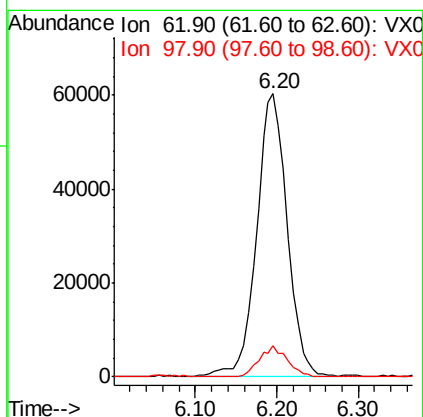
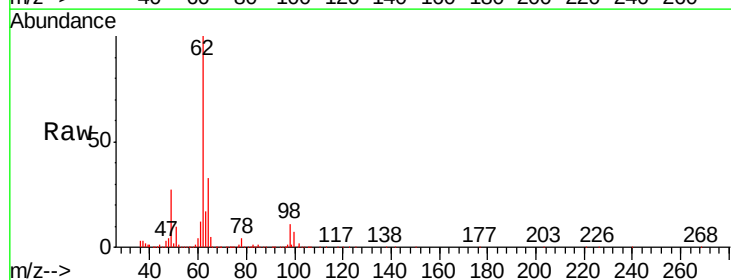
Instrument :
MSVOA_X
ClientSampleId :
VX0102MBSD01

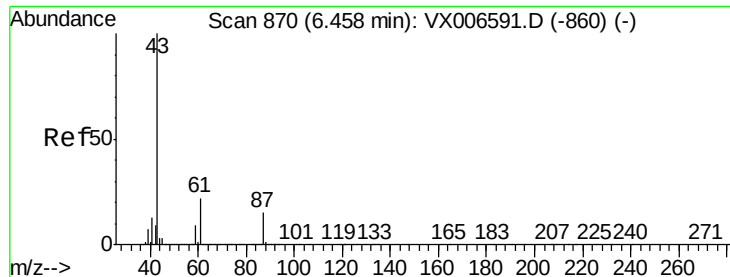
Tgt Ion:	41	Resp:	92139
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.8	64.2
67	75.9	62.1	93.1
52	29.6	23.4	35.0



#42
1,2-Dichloroethane
Concen: 18.443 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

Tgt Ion:	62	Resp:	156647
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.254 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

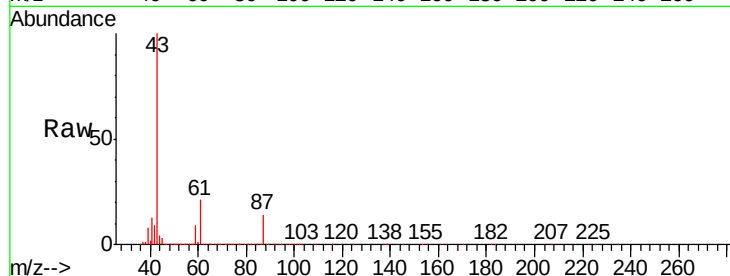
Tgt Ion: 43 Resp: 263016

Ion Ratio Lower Upper

43 100

61 20.5 16.8 25.2

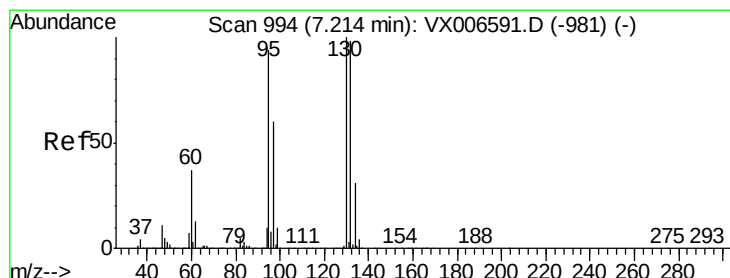
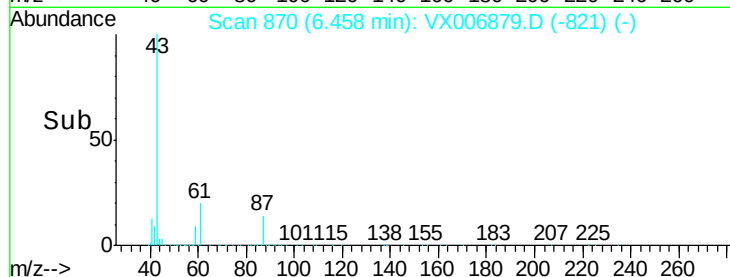
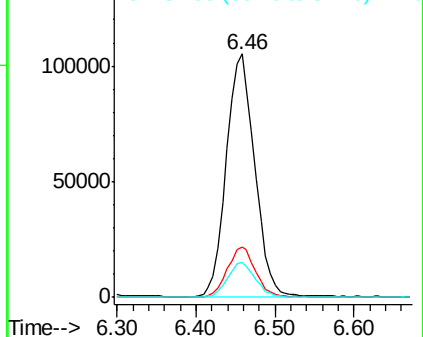
87 14.2 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.019 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX006879.D

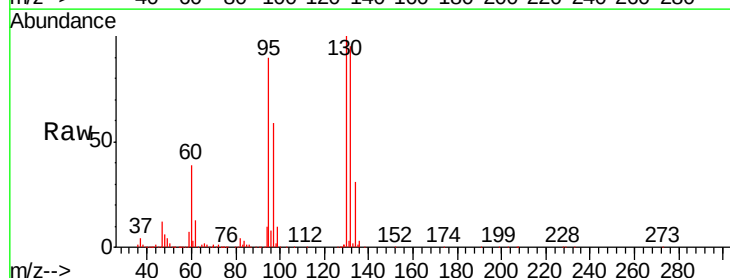
Acq: 02 Jan 2019 14:18

Tgt Ion: 130 Resp: 135937

Ion Ratio Lower Upper

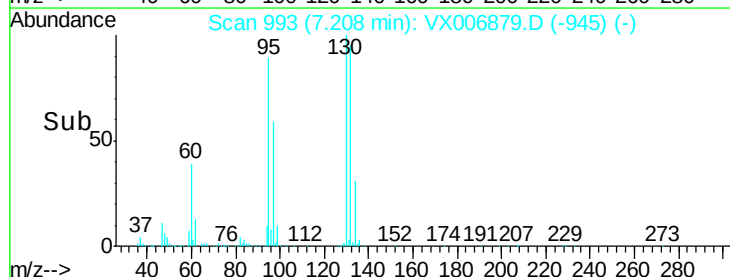
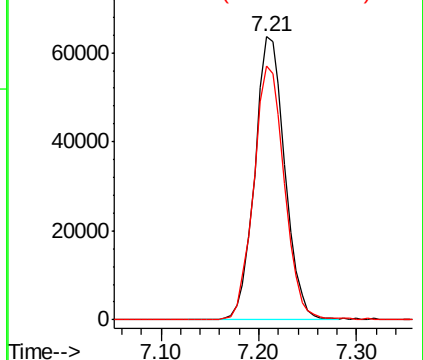
130 100

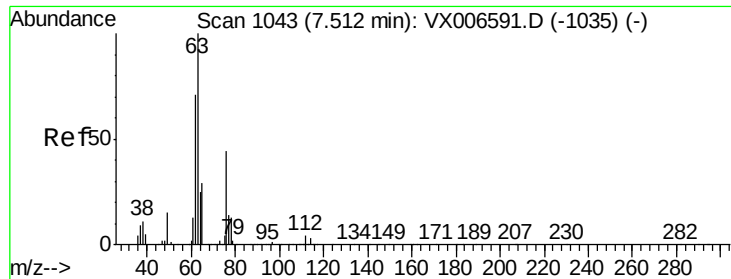
95 89.7 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.725 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

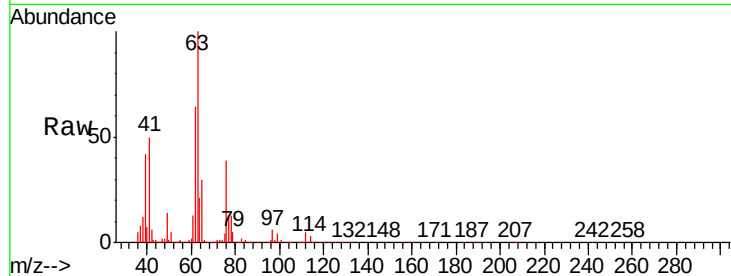
VX0102MBSD01

Tgt Ion: 63 Resp: 119646

Ion Ratio Lower Upper

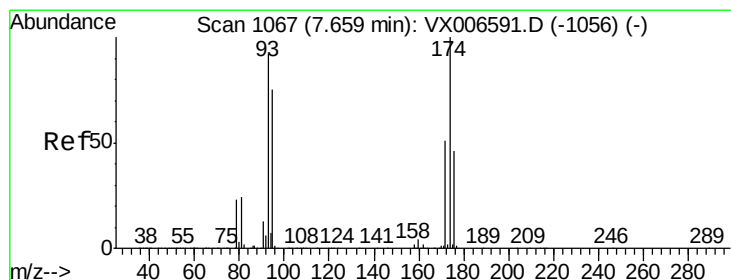
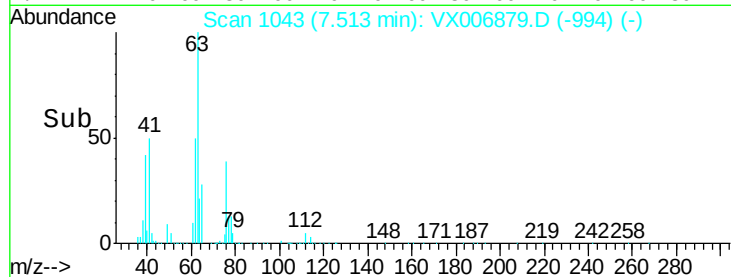
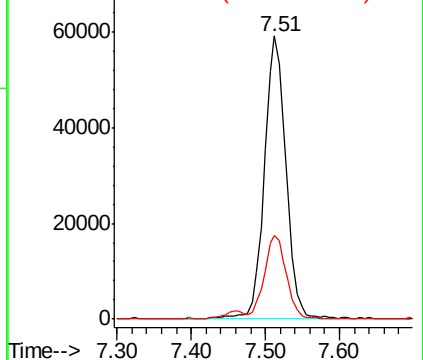
63 100

65 29.5 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.548 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

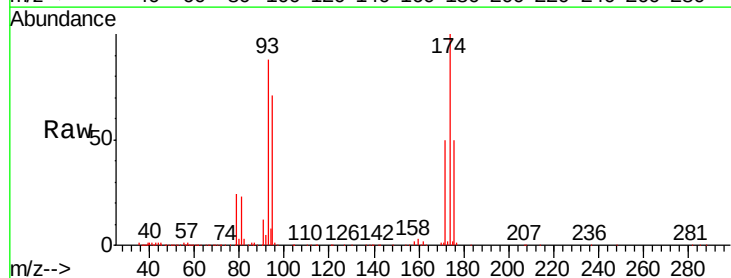
Tgt Ion: 93 Resp: 82753

Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

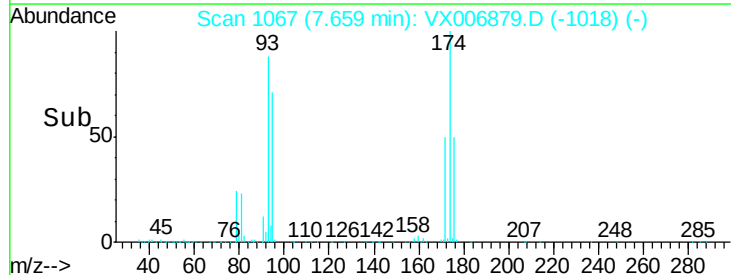
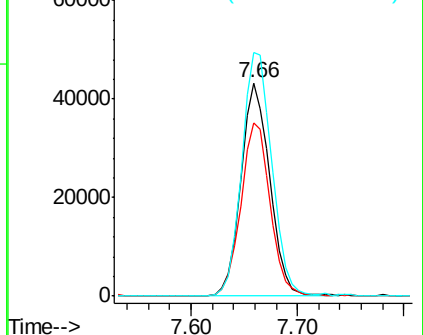
174 118.4 91.0 136.4

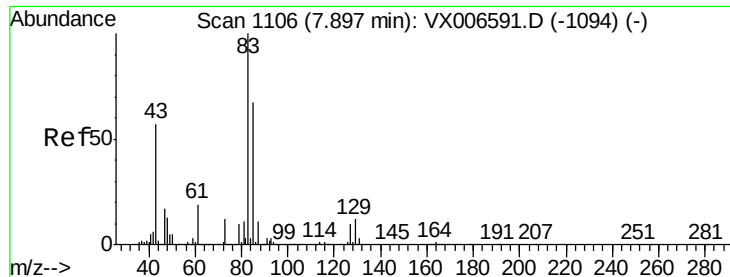


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.680 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

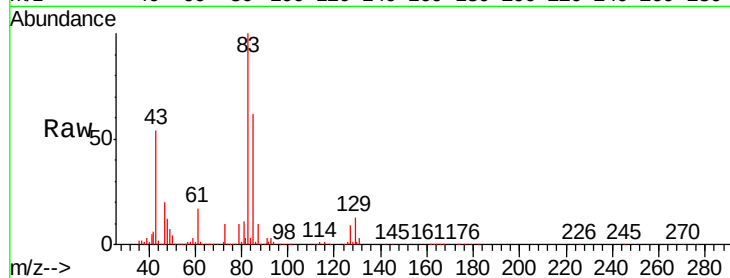
Tgt Ion: 83 Resp: 138369

Ion Ratio Lower Upper

83 100

85 62.1 53.2 79.8

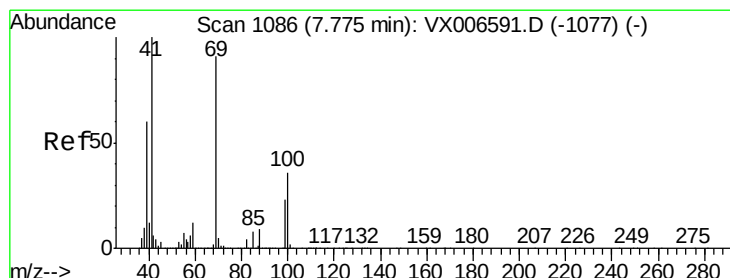
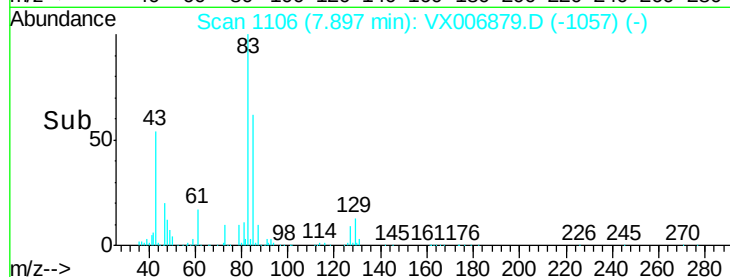
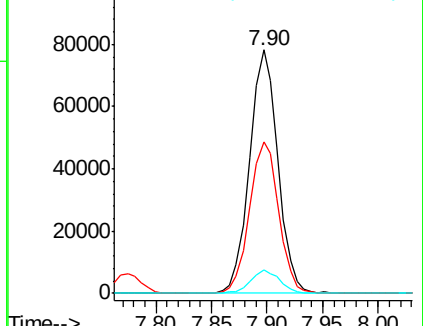
127 9.5 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.187 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

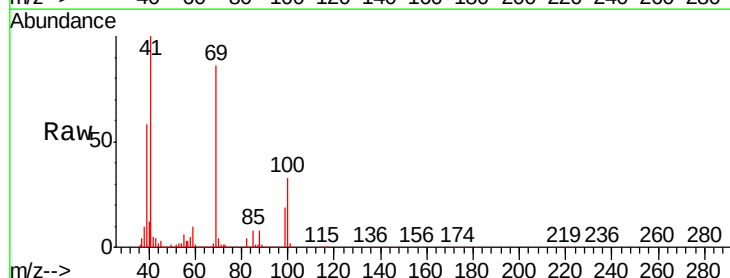
Tgt Ion: 41 Resp: 133312

Ion Ratio Lower Upper

41 100

69 87.6 72.4 108.6

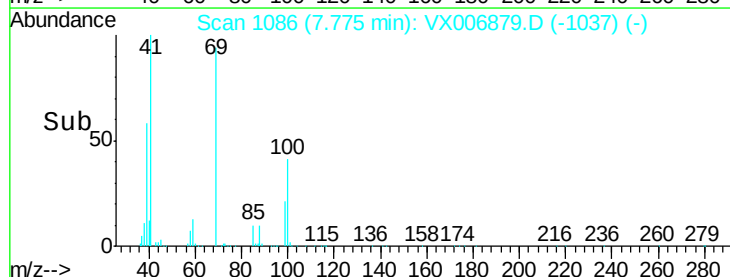
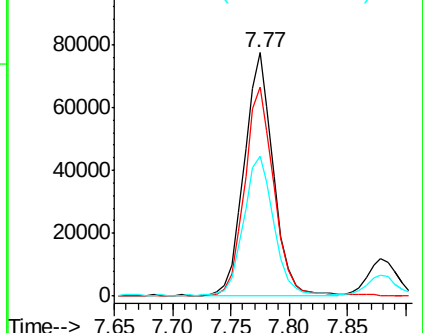
39 60.5 45.8 68.8

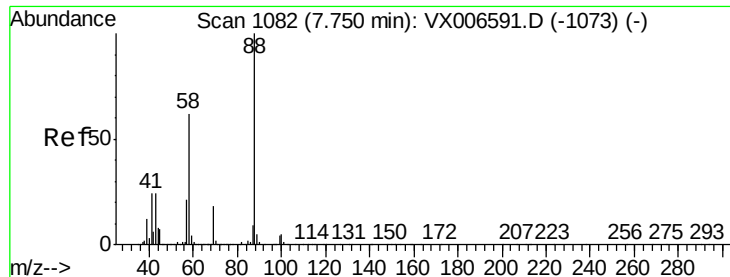


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 335.273 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

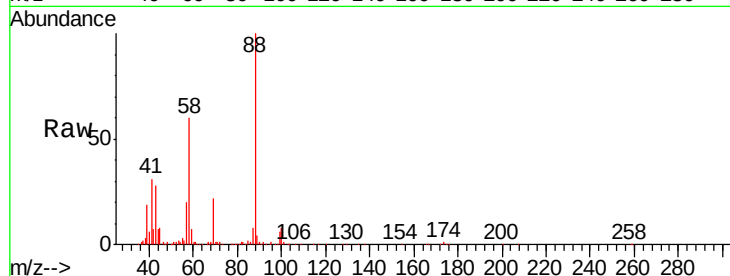
Tgt Ion: 88 Resp: 60213

Ion Ratio Lower Upper

88 100

43 29.6 22.2 33.4

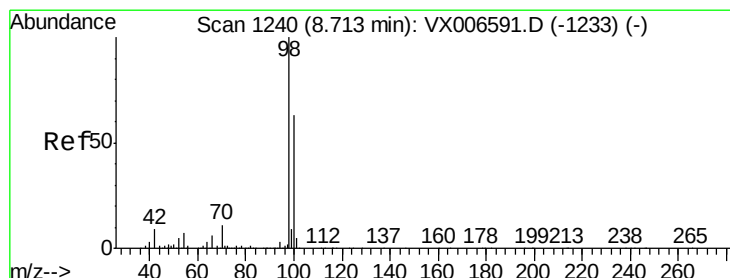
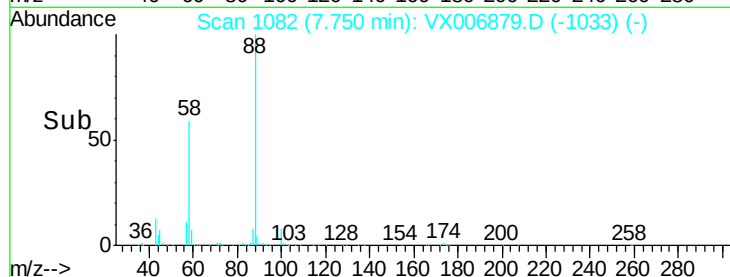
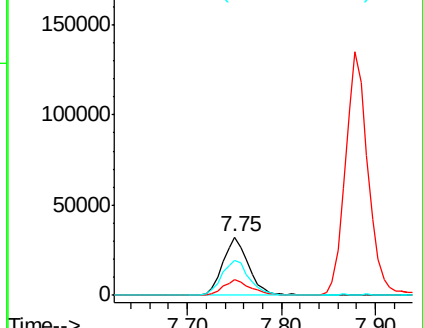
58 63.2 51.0 76.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 57.621 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006879.D

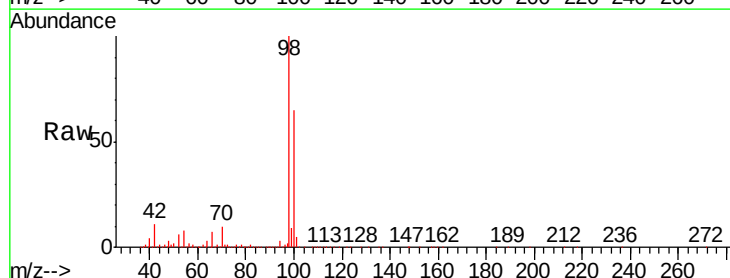
Acq: 02 Jan 2019 14:18

Tgt Ion: 98 Resp: 1360084

Ion Ratio Lower Upper

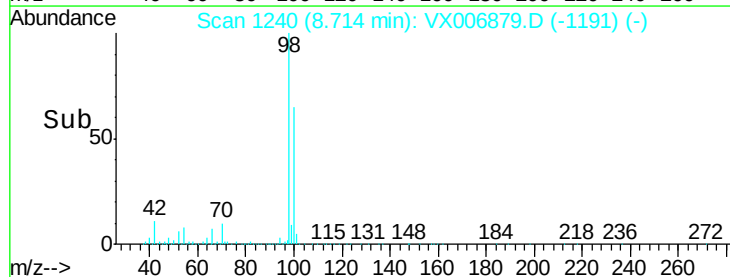
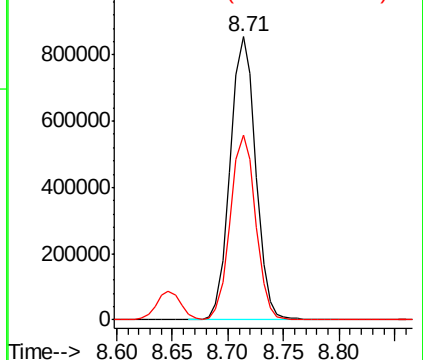
98 100

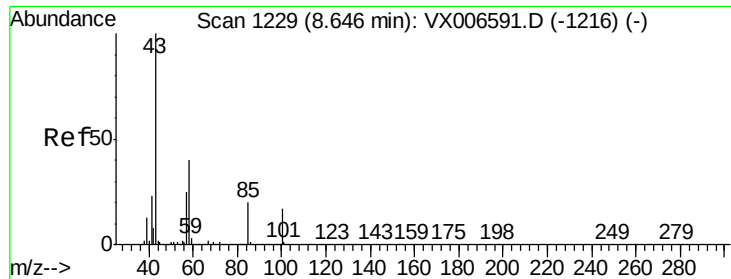
100 64.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 102.541 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

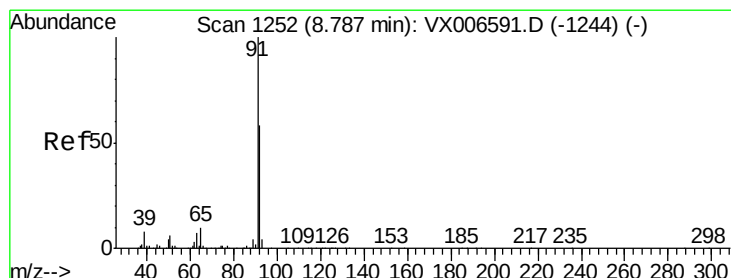
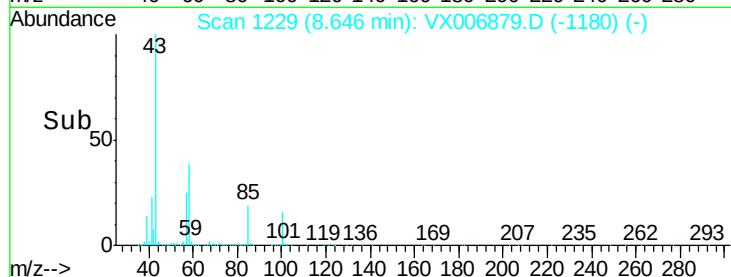
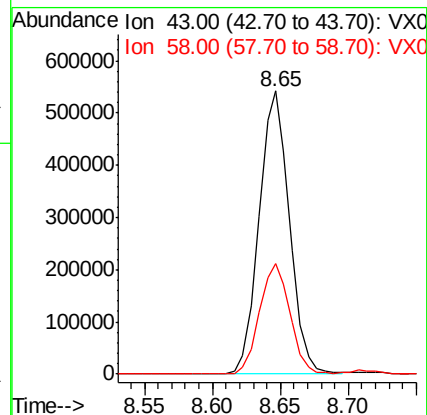
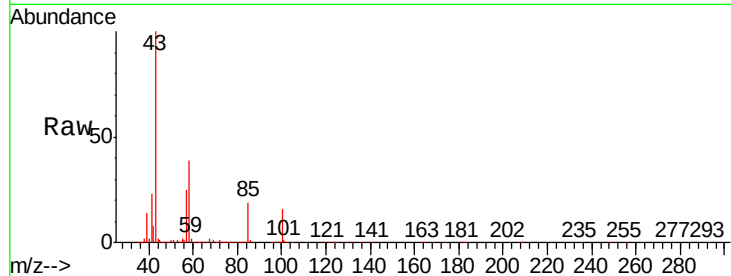
VX0102MBSD01

Tgt Ion: 43 Resp: 847252

Ion Ratio Lower Upper

43 100

58 39.2 31.8 47.6



#52

Toluene

Concen: 18.817 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006879.D

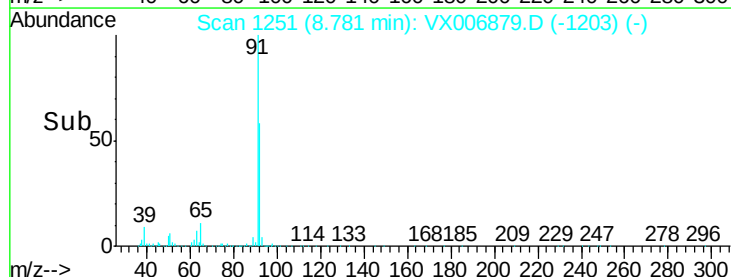
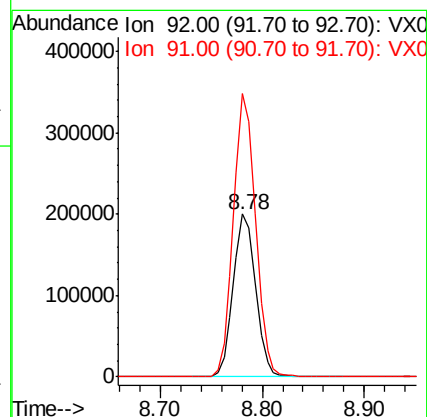
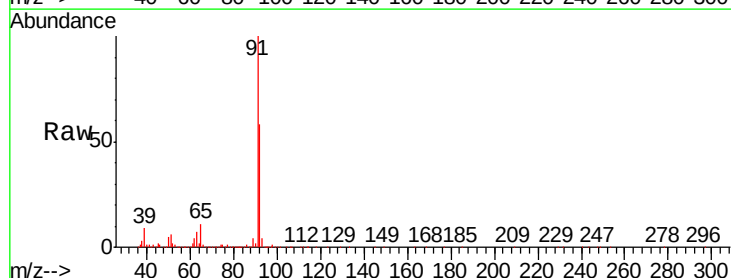
Acq: 02 Jan 2019 14:18

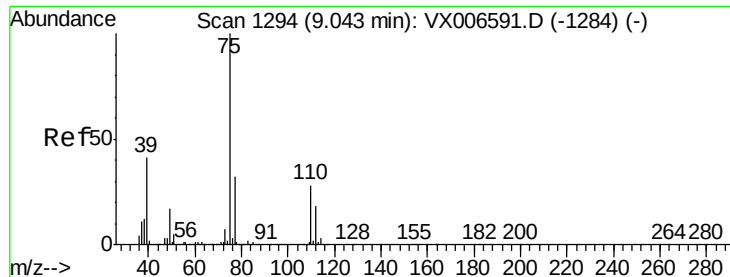
Tgt Ion: 92 Resp: 303004

Ion Ratio Lower Upper

92 100

91 173.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.486 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

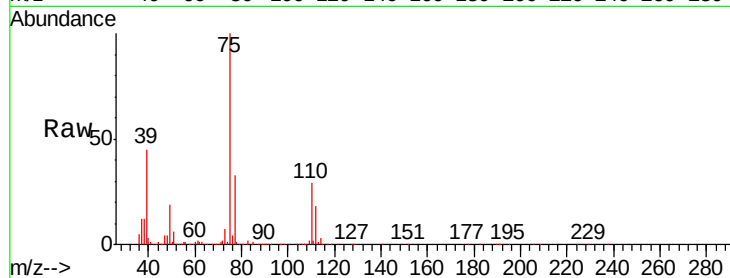
VX0102MBSD01

Tgt Ion: 75 Resp: 154801

Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

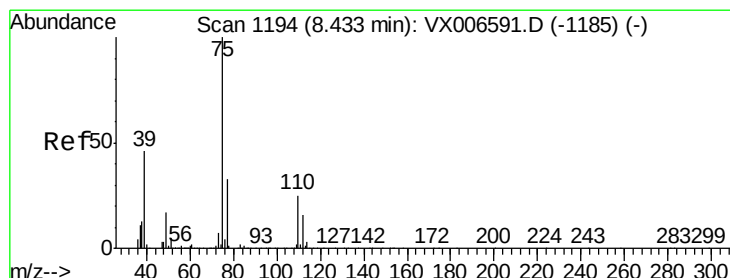
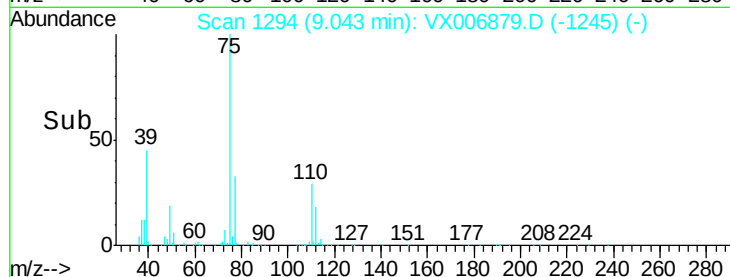
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.660 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

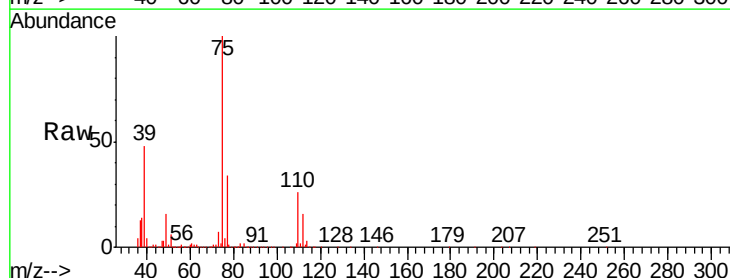
Tgt Ion: 75 Resp: 171369

Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2

39 47.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

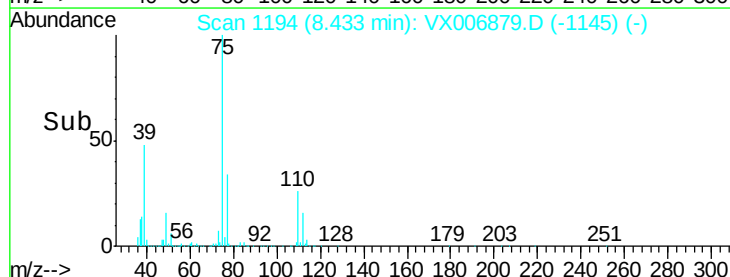
150000

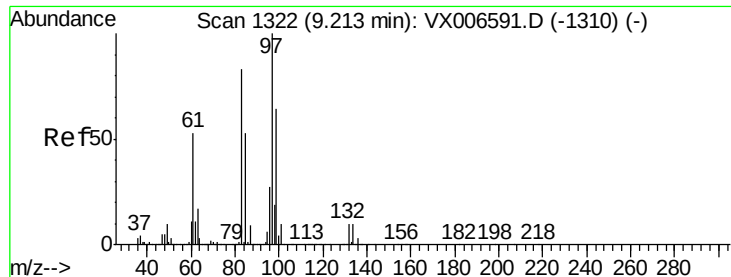
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.944 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

Tgt Ion: 97 Resp: 131454

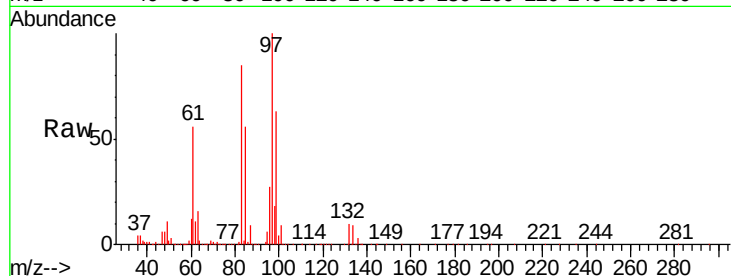
Ion Ratio Lower Upper

97 100

83 84.7 66.6 99.8

85 55.6 42.7 64.1

99 62.7 50.8 76.2

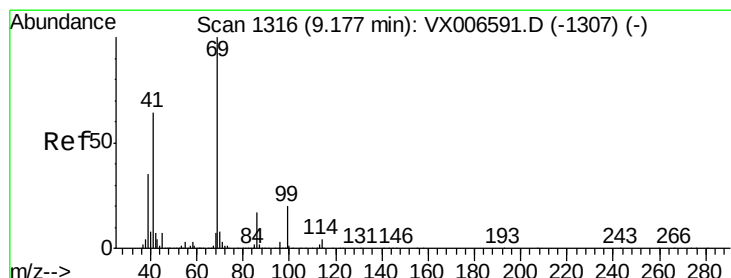
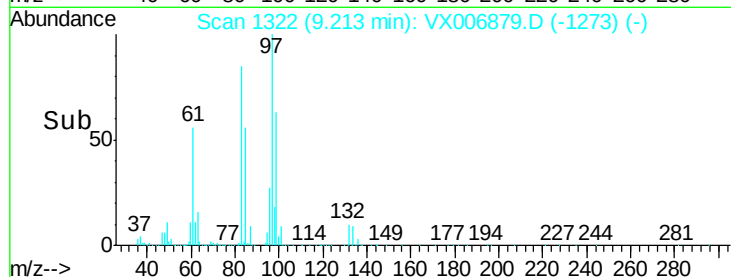
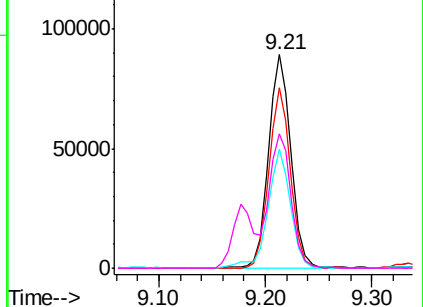


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.349 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

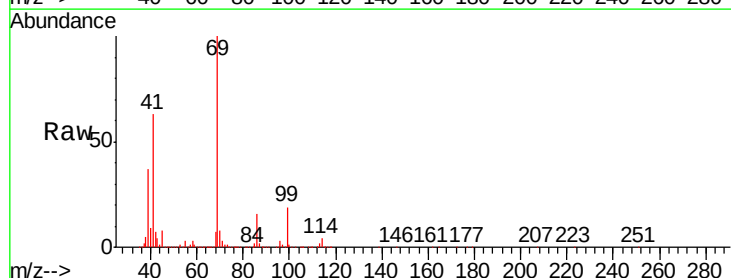
Tgt Ion: 69 Resp: 189564

Ion Ratio Lower Upper

69 100

41 63.4 48.7 73.1

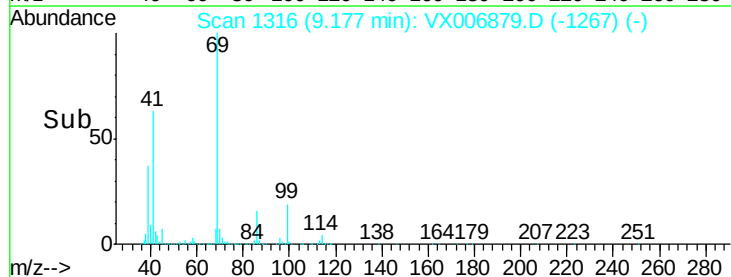
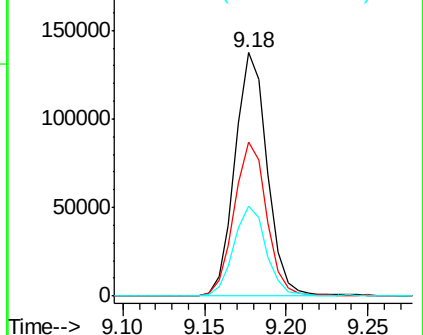
39 36.9 27.0 40.6

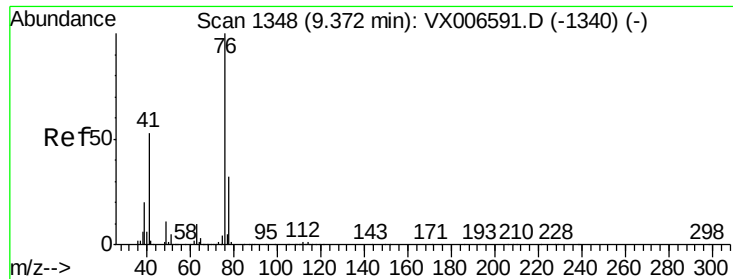


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.085 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

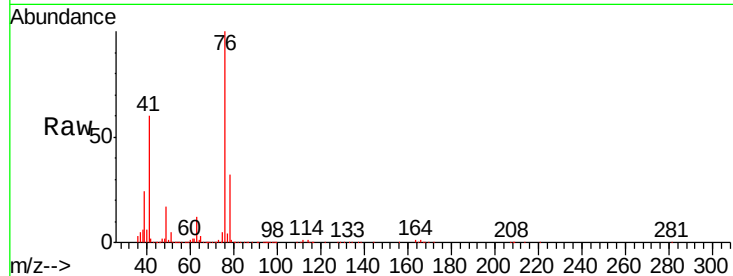
VX0102MBSD01

Tgt Ion: 76 Resp: 202388

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

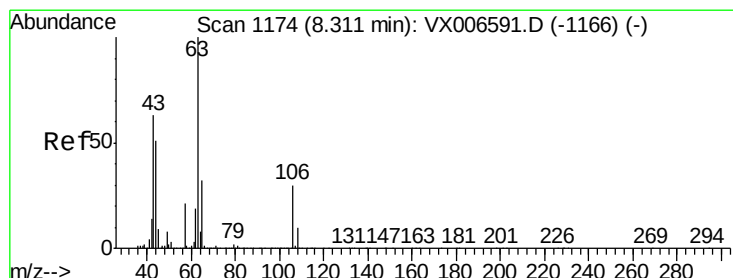
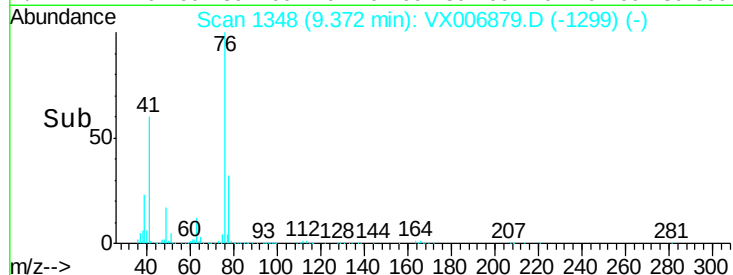
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 113.493 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006879.D

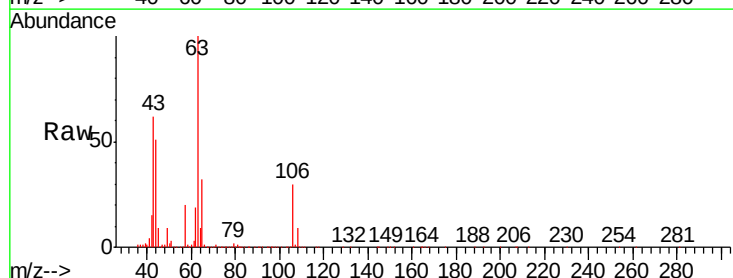
Acq: 02 Jan 2019 14:18

Tgt Ion: 63 Resp: 562012

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

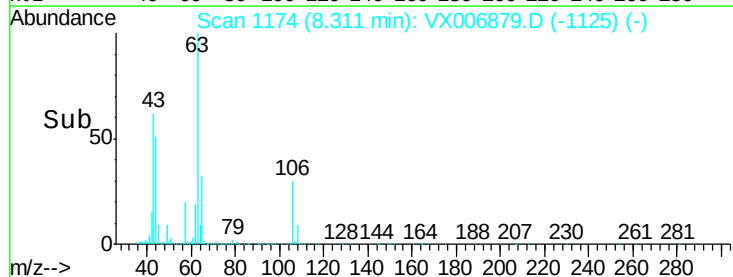
200000

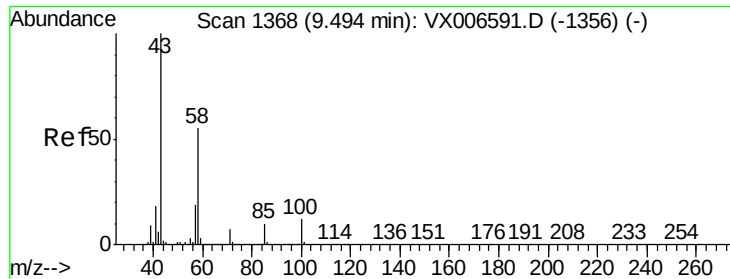
100000

0

8.20 8.30 8.40

Time-->





#59

2-Hexanone

Concen: 102.308 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

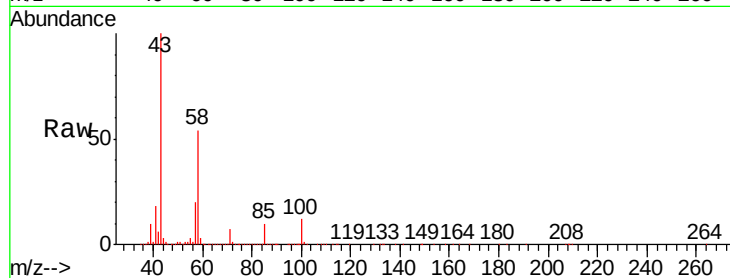
VX0102MBSD01

Tgt Ion: 43 Resp: 646774

Ion Ratio Lower Upper

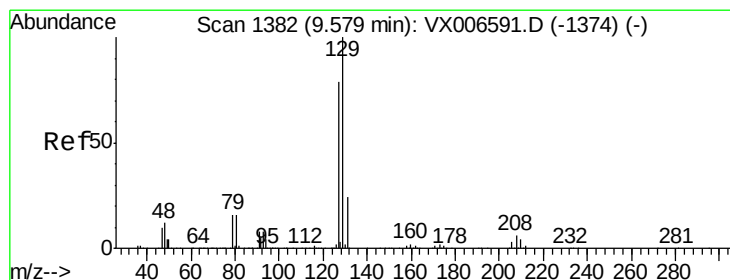
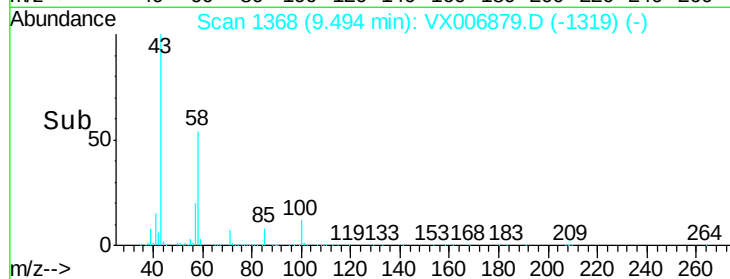
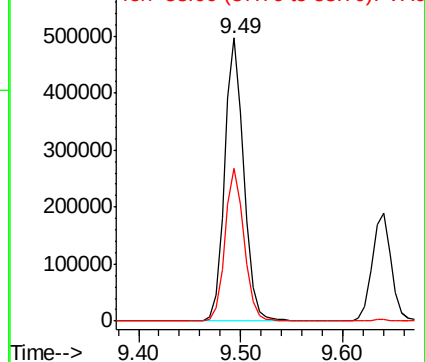
43 100

58 53.9 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 18.432 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX006879.D

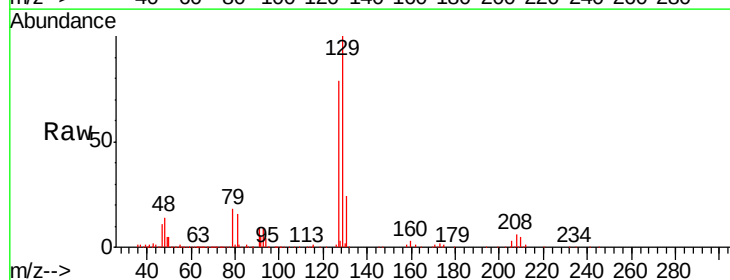
Acq: 02 Jan 2019 14:18

Tgt Ion: 129 Resp: 116457

Ion Ratio Lower Upper

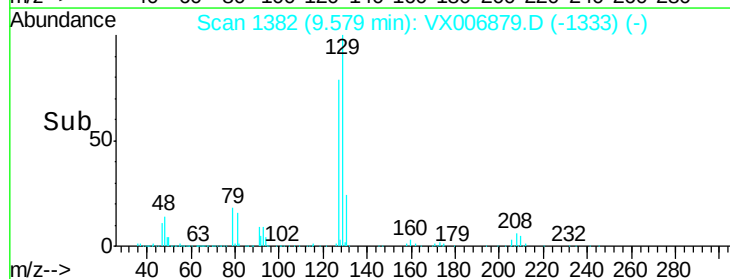
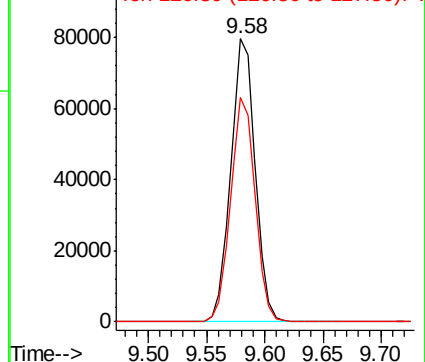
129 100

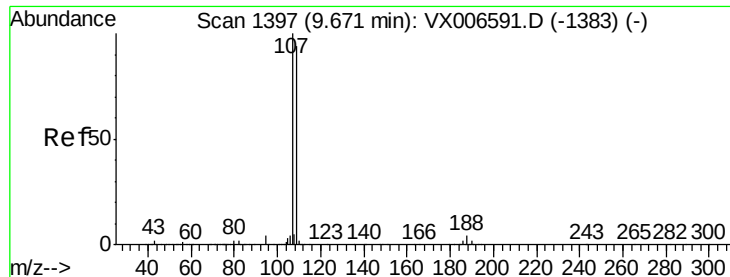
127 79.4 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 19.456 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

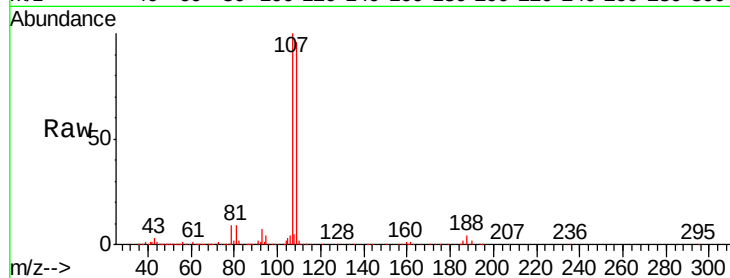
VX0102MBS01

Tgt Ion: 107 Resp: 136318

Ion Ratio Lower Upper

107 100

109 93.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

100000

80000

60000

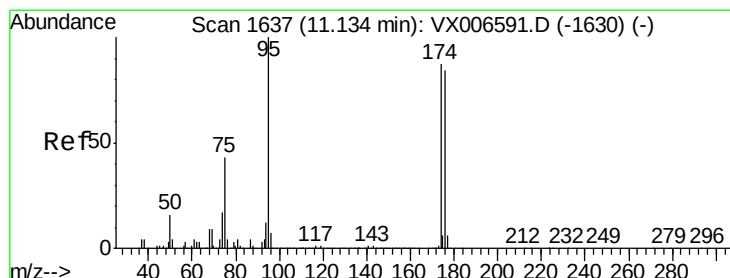
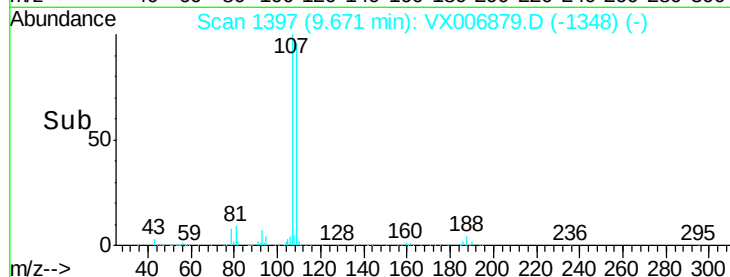
40000

20000

0

Time-->

9.60 9.65 9.70 9.75 9.80



#62

4-Bromofluorobenzene

Concen: 59.259 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

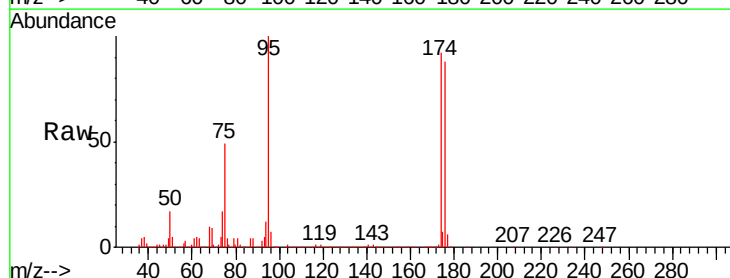
Tgt Ion: 95 Resp: 512285

Ion Ratio Lower Upper

95 100

174 96.0 0.0 182.2

176 92.8 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

300000

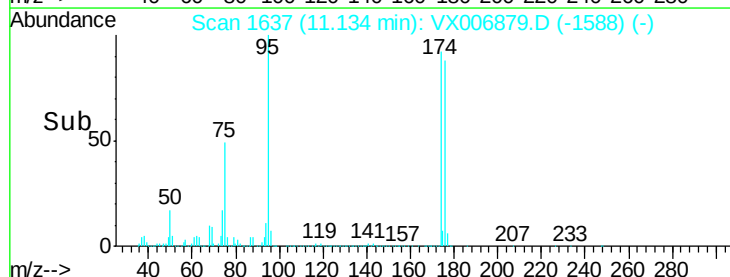
200000

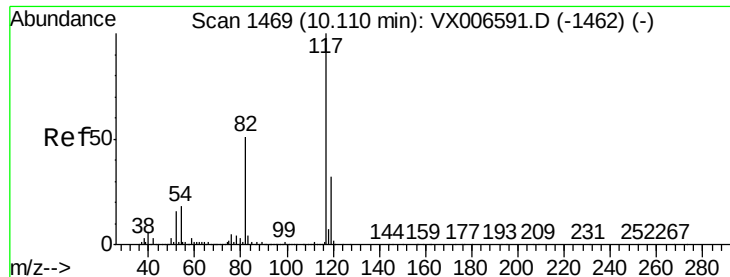
100000

0

Time-->

11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

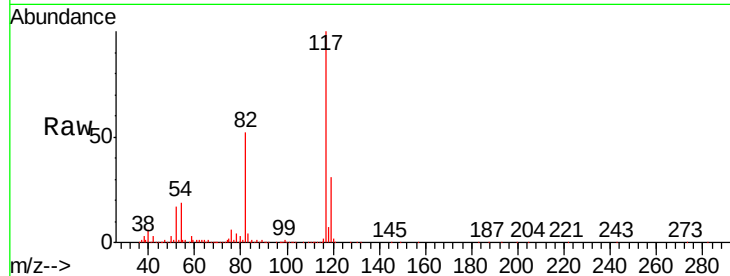
Tgt Ion:117 Resp: 914568

Ion Ratio Lower Upper

117 100

82 51.7 41.0 61.6

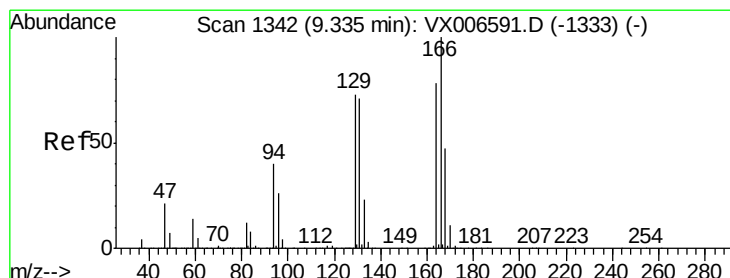
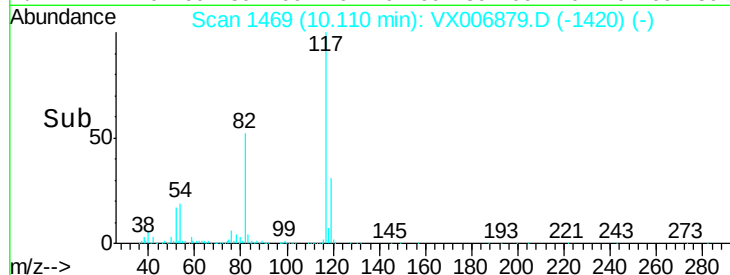
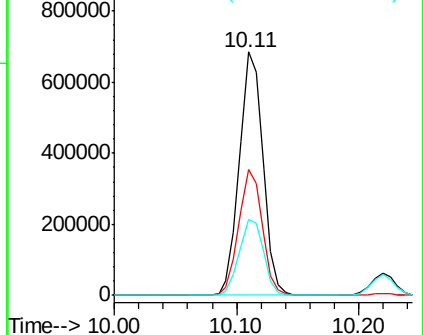
119 31.0 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.452 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Tgt Ion:164 Resp: 140868

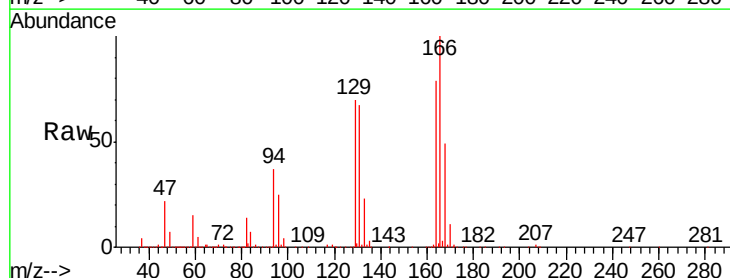
Ion Ratio Lower Upper

164 100

166 127.1 102.5 153.7

129 88.6 75.1 112.7

131 85.4 72.7 109.1

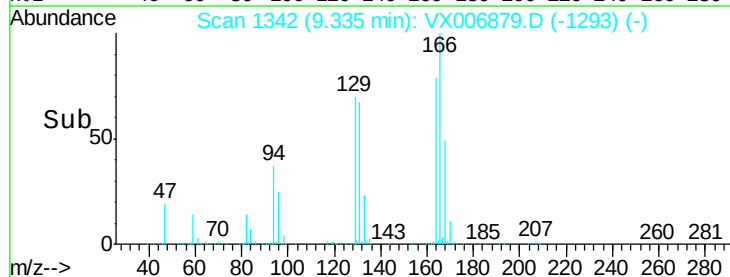
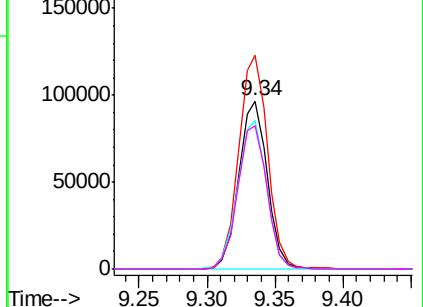


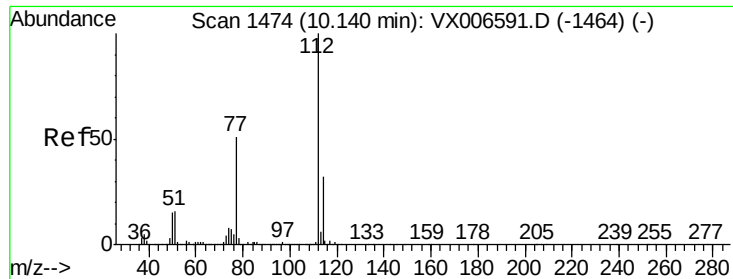
Abundance Ion 163.80 (163.50 to 164.50): V

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: 18.638 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

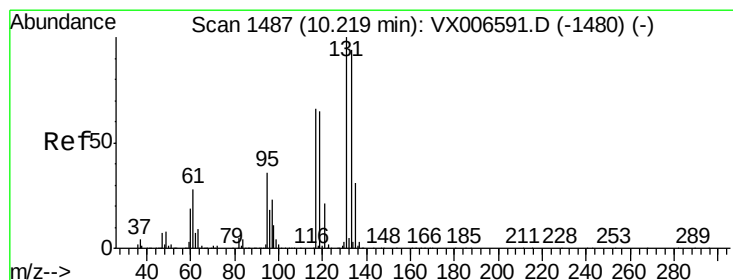
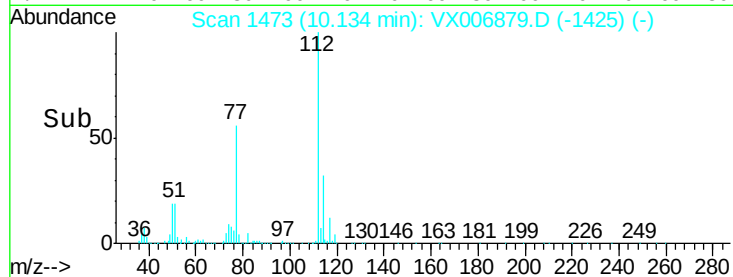
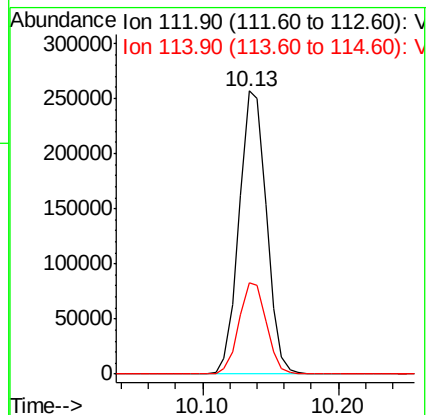
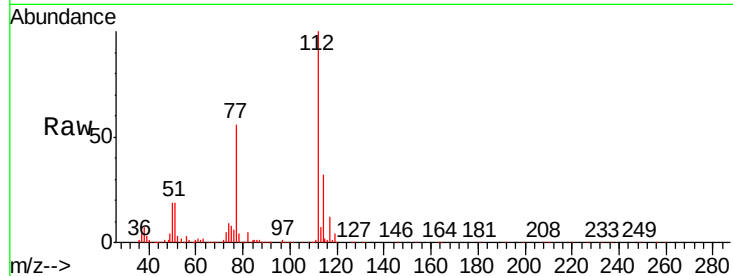
VX0102MBS01

Tgt Ion:112 Resp: 360626

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.898 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

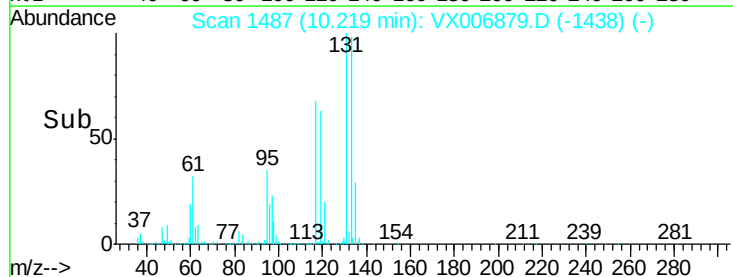
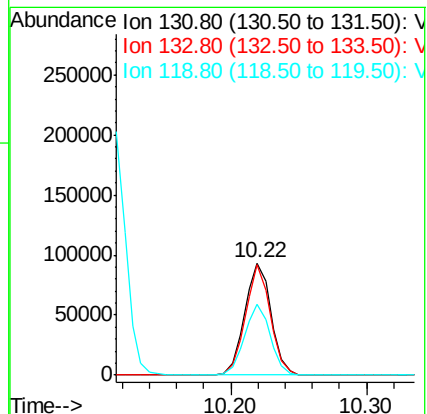
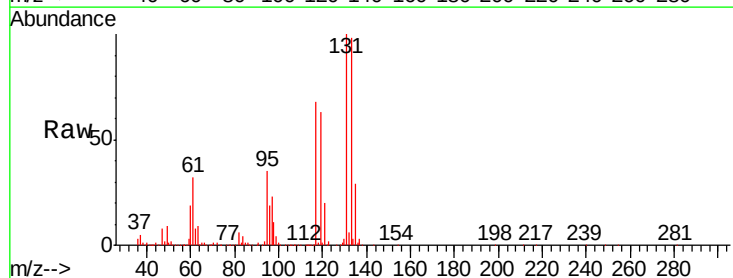
Tgt Ion:131 Resp: 126157

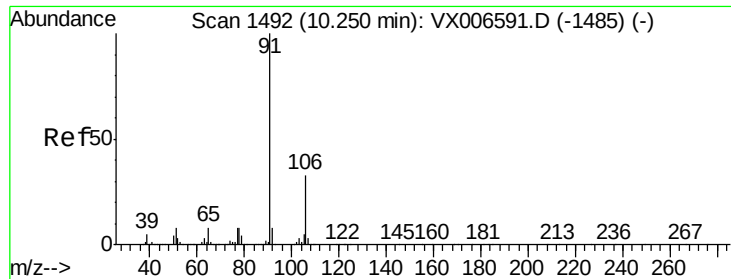
Ion Ratio Lower Upper

131 100

133 93.0 48.0 144.2

119 61.7 32.6 97.8





#67

Ethyl Benzene

Concen: 18.965 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

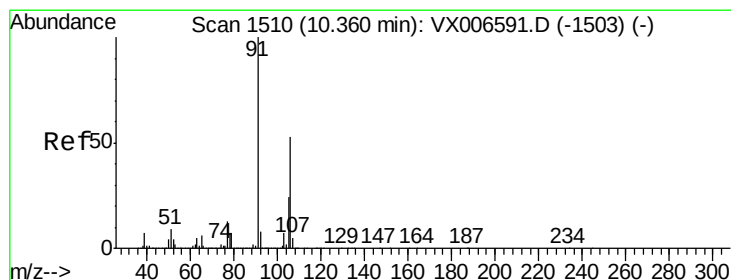
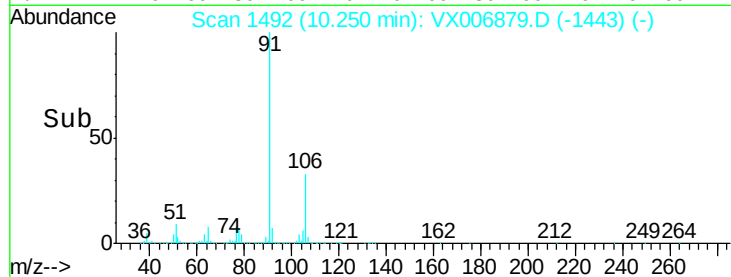
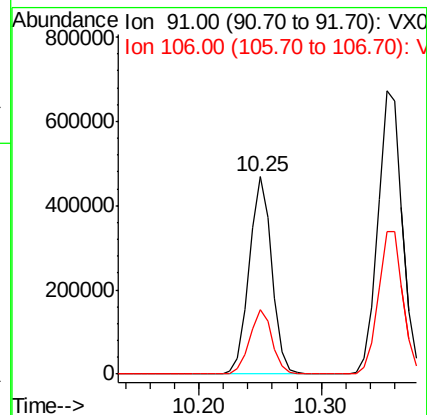
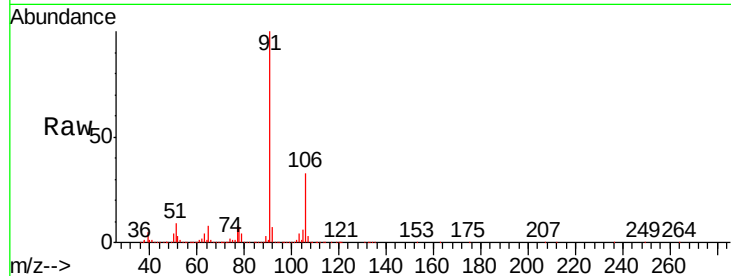
VX0102MBSD01

Tgt Ion: 91 Resp: 599600

Ion Ratio Lower Upper

91 100

106 33.0 26.4 39.6



#68

m/p-Xylenes

Concen: 38.008 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006879.D

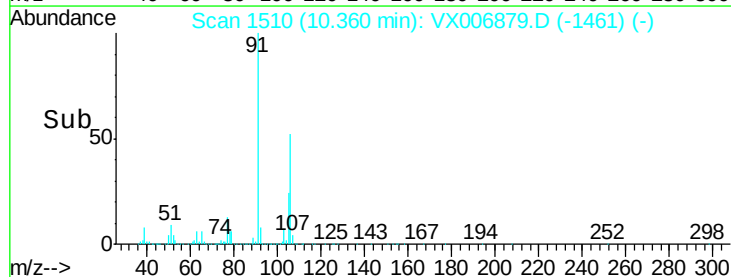
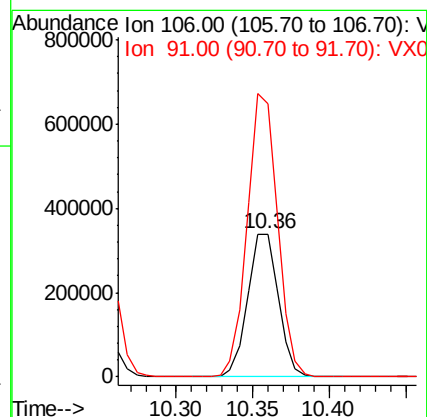
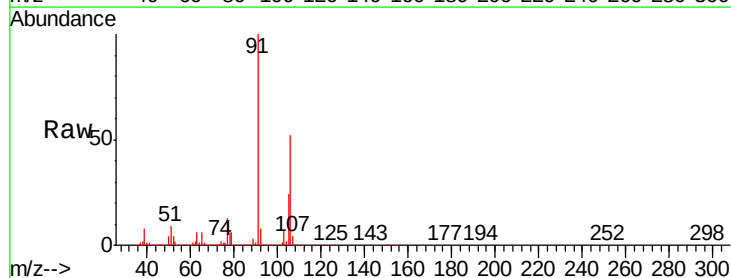
Acq: 02 Jan 2019 14:18

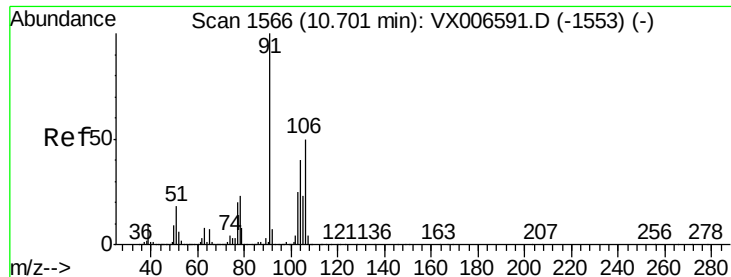
Tgt Ion: 106 Resp: 474187

Ion Ratio Lower Upper

106 100

91 195.3 155.8 233.6

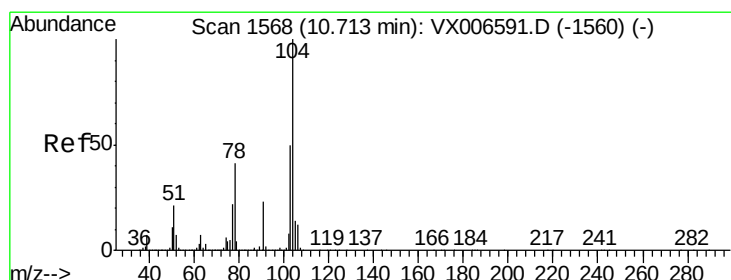
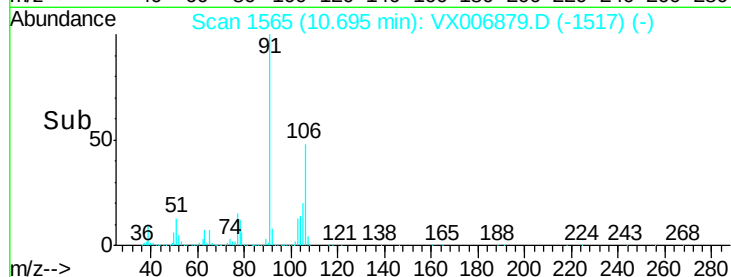
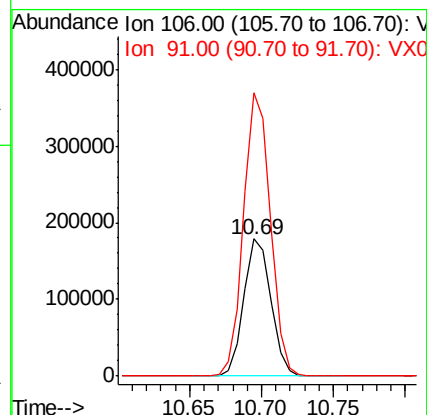
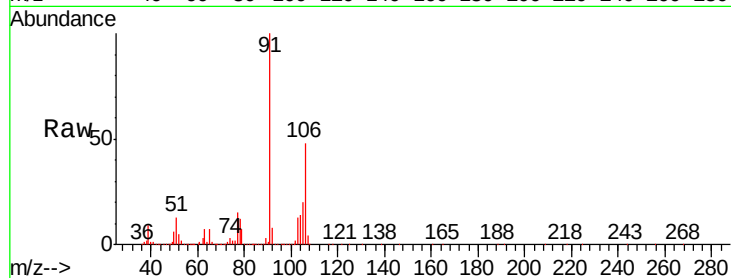




#69
o-Xylene
Concen: 19.017 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

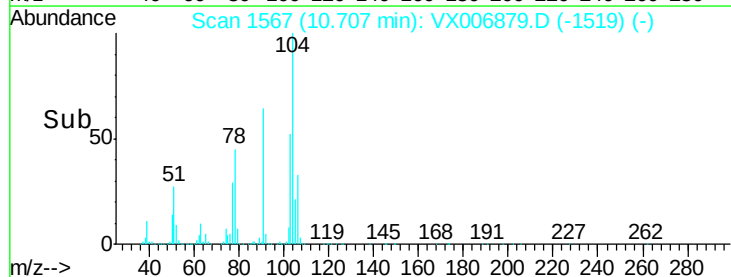
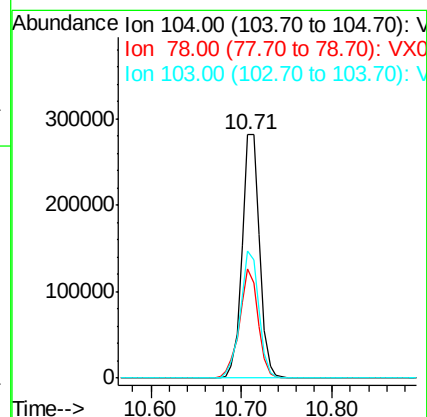
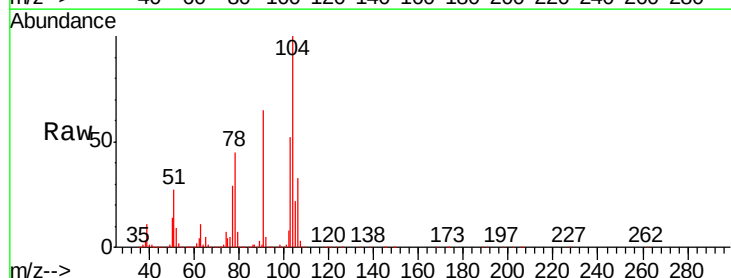
Instrument :
MSVOA_X
ClientSampleId :
VX0102MBSD01

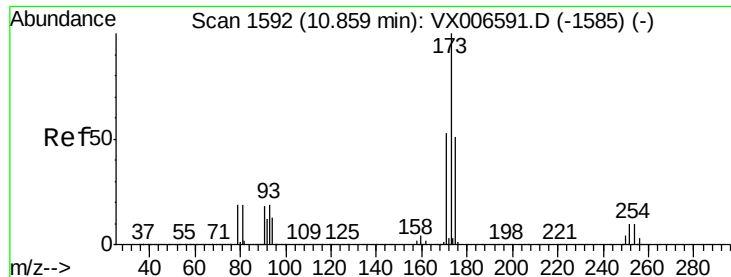
Tgt Ion:106 Resp: 234279
Ion Ratio Lower Upper
106 100
91 204.1 101.3 303.7



#70
Styrene
Concen: 19.315 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

Tgt Ion:104 Resp: 376457
Ion Ratio Lower Upper
104 100
78 47.7 37.7 56.5
103 55.2 43.8 65.8





#71

Bromoform

Concen: 19.201 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

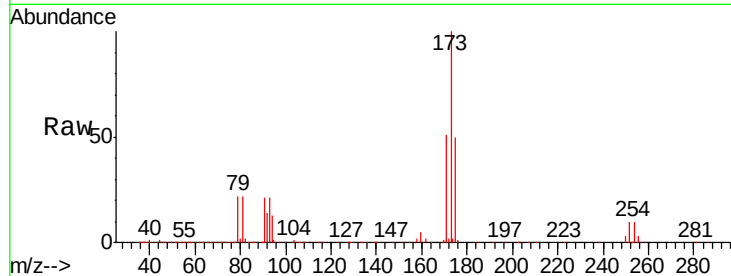
Tgt Ion:173 Resp: 88127

Ion Ratio Lower Upper

173 100

175 49.5 24.7 74.1

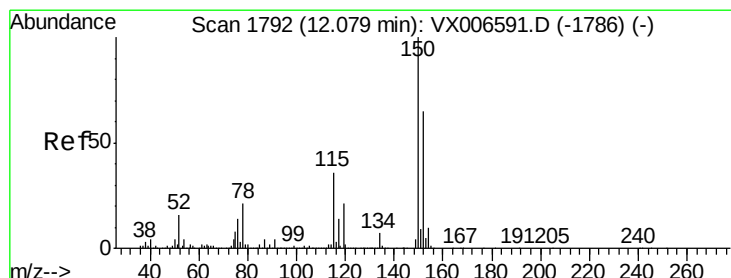
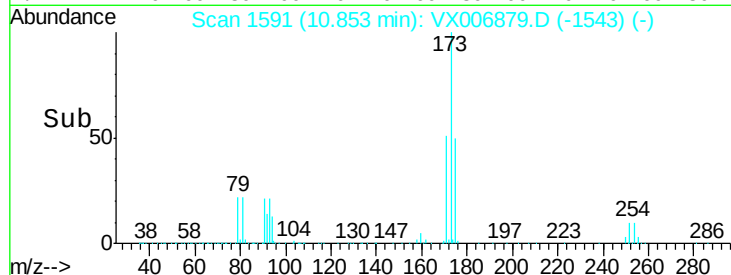
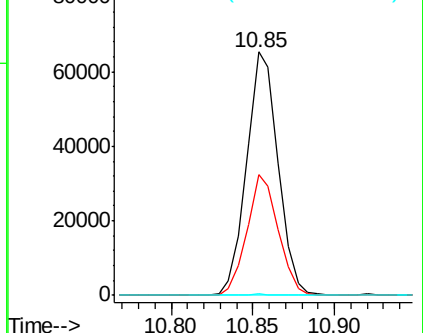
254 0.2 0.2 0.2



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: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

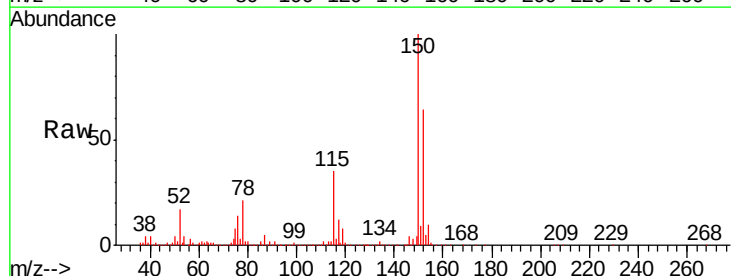
Tgt Ion:152 Resp: 490959

Ion Ratio Lower Upper

152 100

115 62.6 39.1 117.2

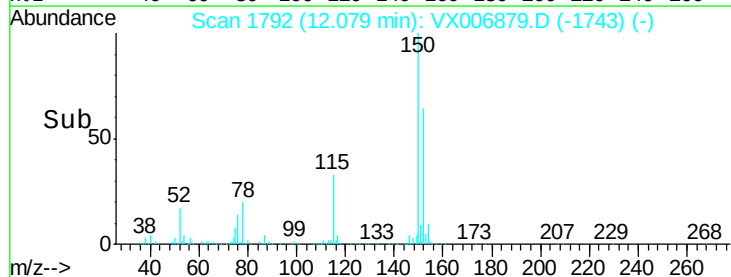
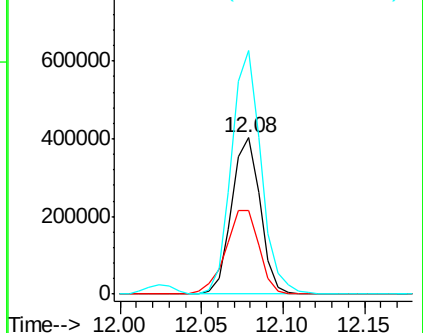
150 161.3 0.0 344.8

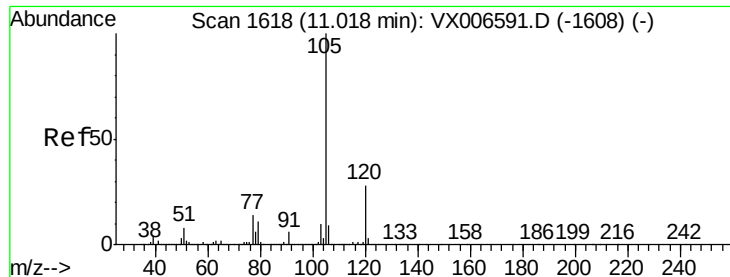


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.695 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

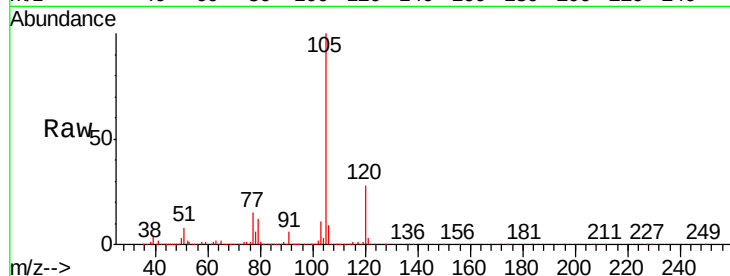
VX0102MBSD01

Tgt Ion: 105 Resp: 627926

Ion Ratio Lower Upper

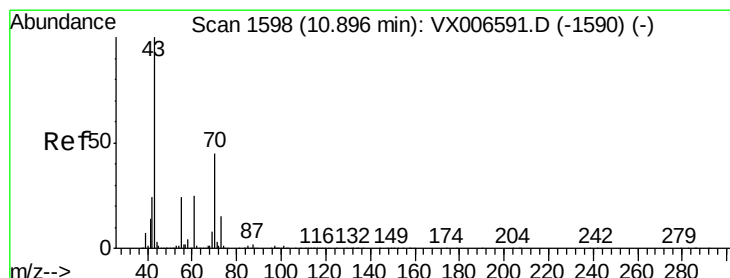
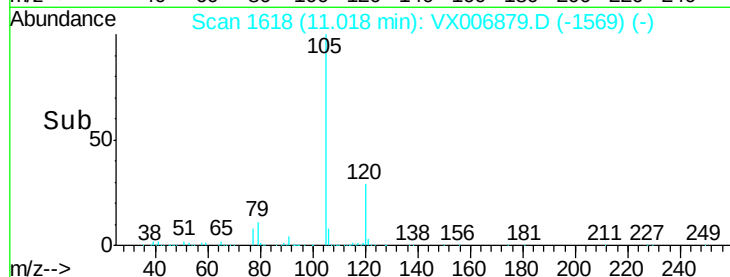
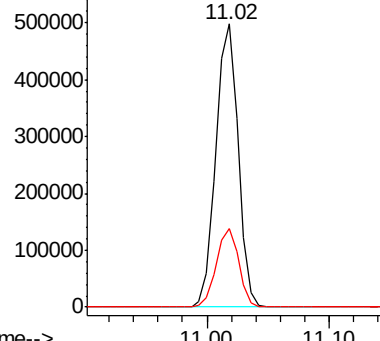
105 100

120 27.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.608 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Tgt Ion: 43 Resp: 247762

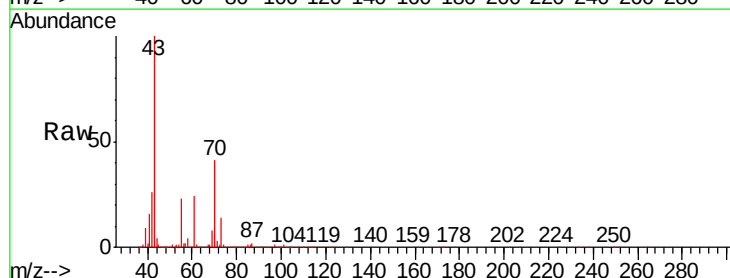
Ion Ratio Lower Upper

43 100

70 41.4 35.8 53.8

55 23.0 19.4 29.0

61 23.5 20.1 30.1

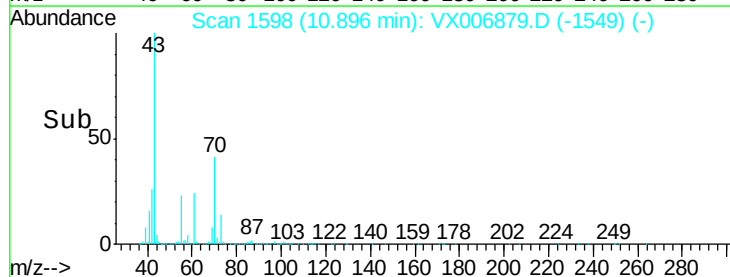
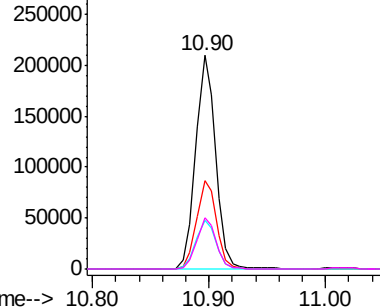


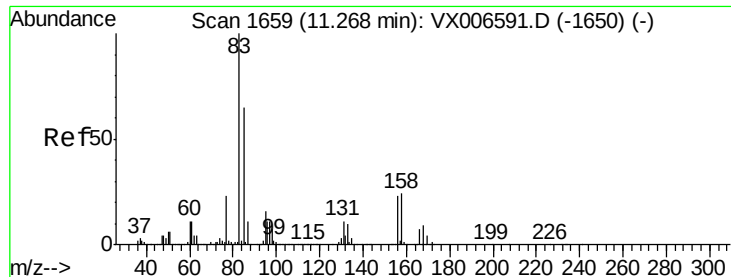
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.011 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

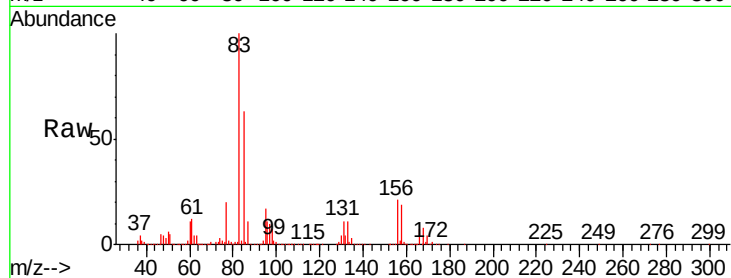
Tgt Ion: 83 Resp: 189904

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

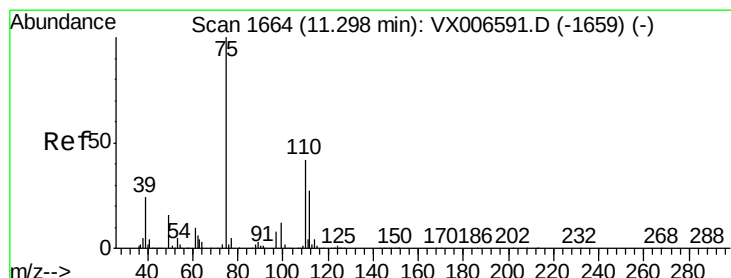
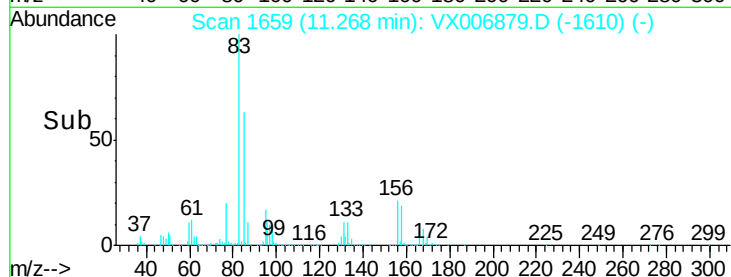
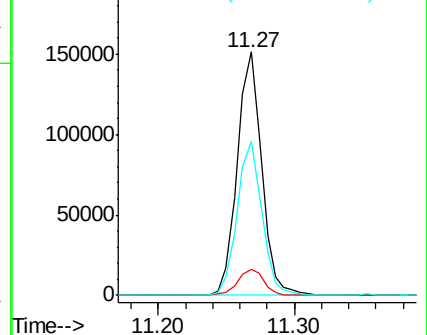
85 64.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.168 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006879.D

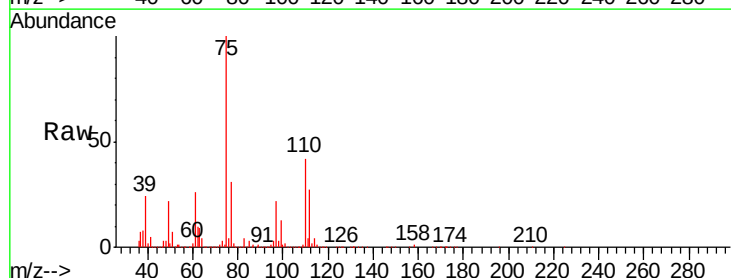
Acq: 02 Jan 2019 14:18

Tgt Ion: 75 Resp: 202264

Ion Ratio Lower Upper

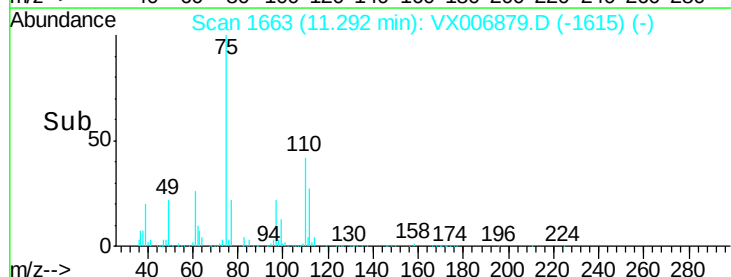
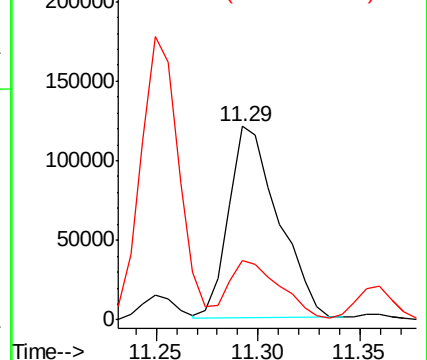
75 100

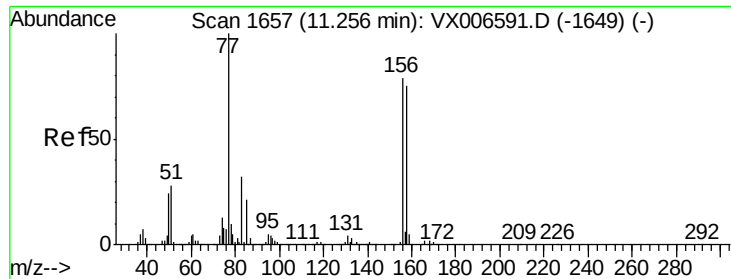
77 32.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.964 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

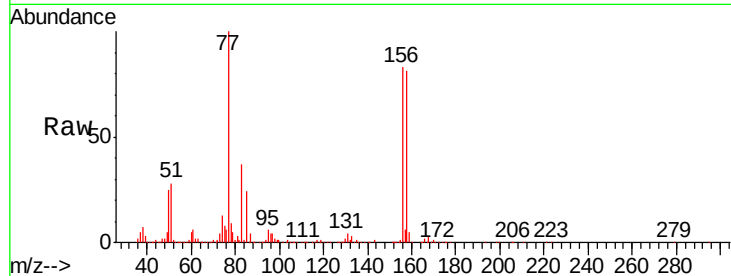
Tgt Ion:156 Resp: 172203

Ion Ratio Lower Upper

156 100

77 133.1 68.0 204.0

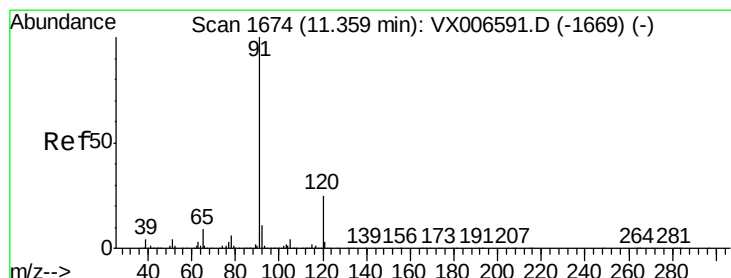
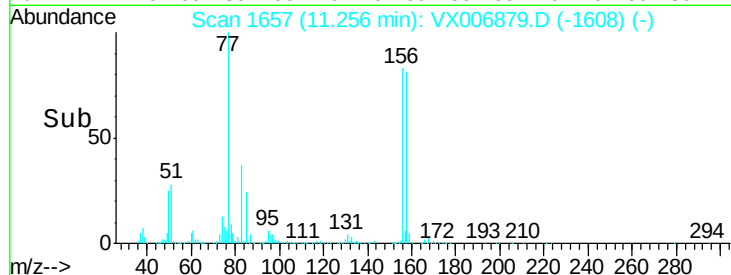
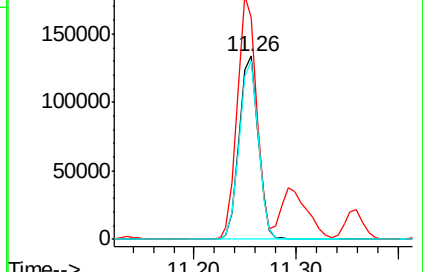
158 97.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.880 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006879.D

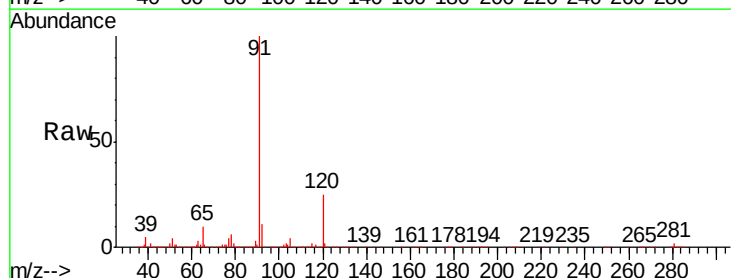
Acq: 02 Jan 2019 14:18

Tgt Ion: 91 Resp: 698324

Ion Ratio Lower Upper

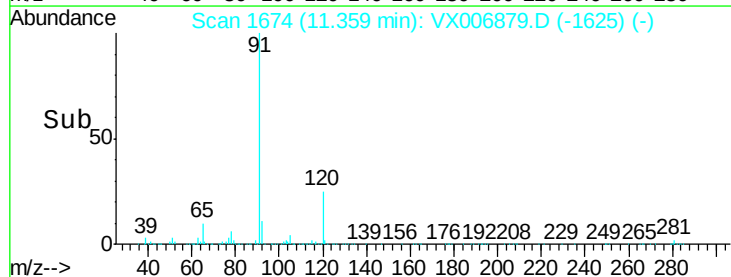
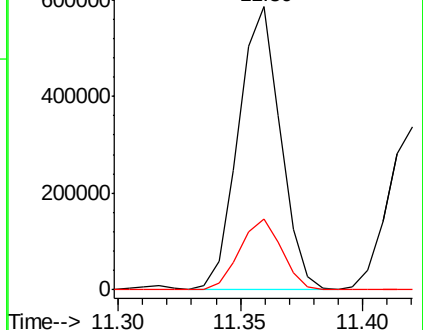
91 100

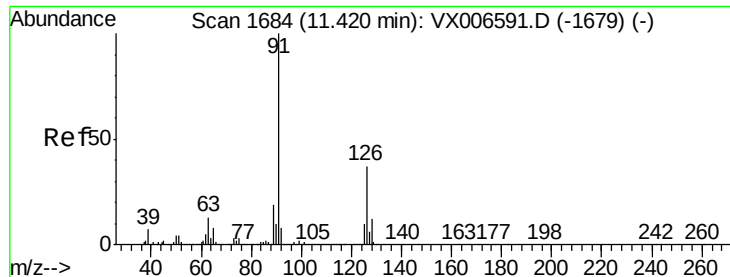
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.317 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

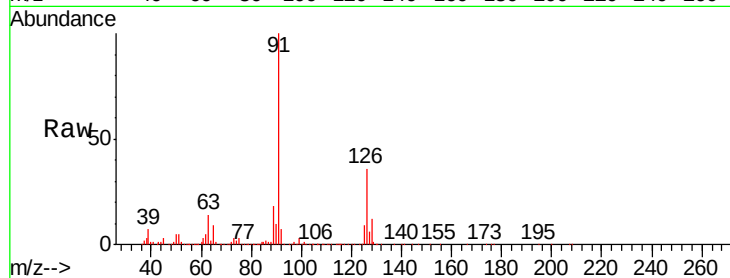
VX0102MBSD01

Tgt Ion: 91 Resp: 410557

Ion Ratio Lower Upper

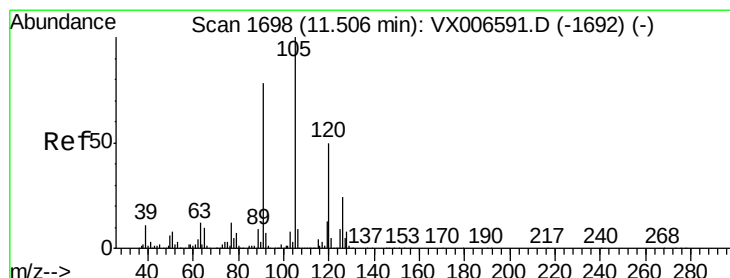
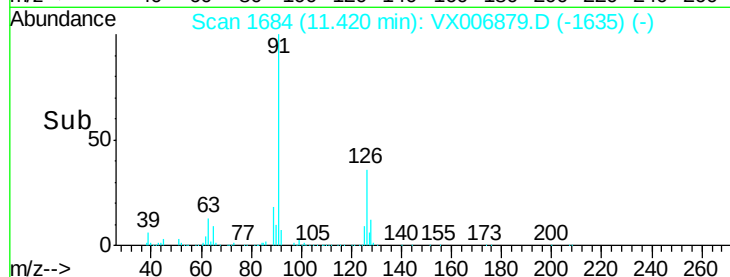
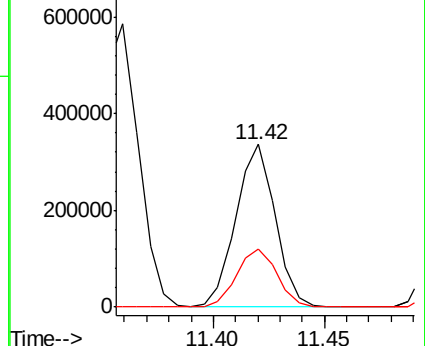
91 100

126 37.3 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.870 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006879.D

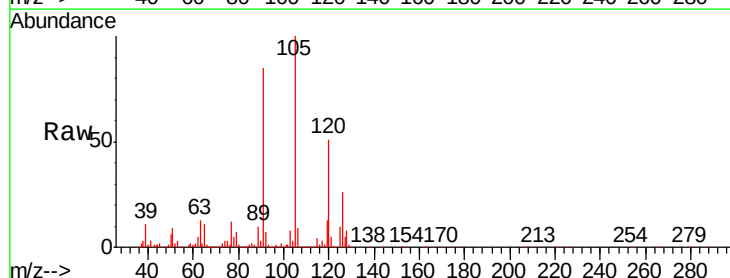
Acq: 02 Jan 2019 14:18

Tgt Ion: 105 Resp: 522047

Ion Ratio Lower Upper

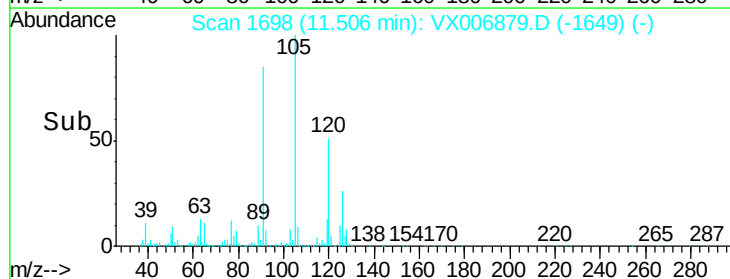
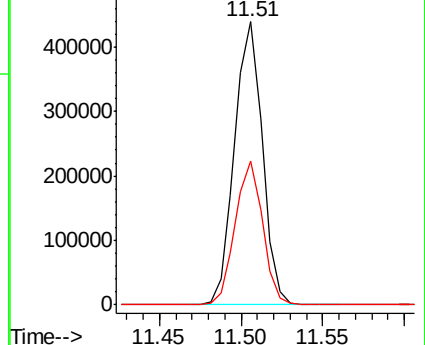
105 100

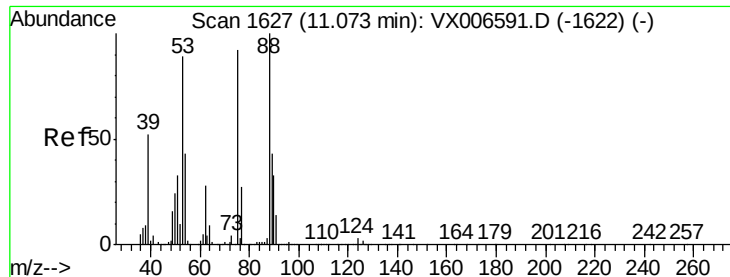
120 49.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.178 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBS01

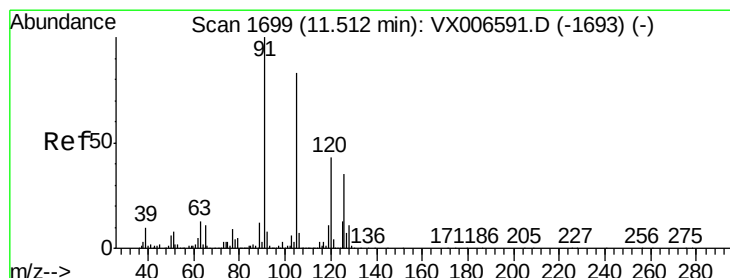
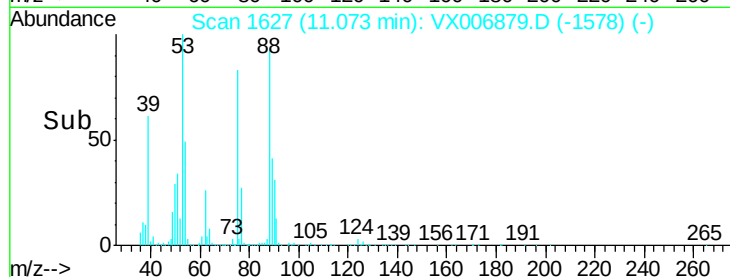
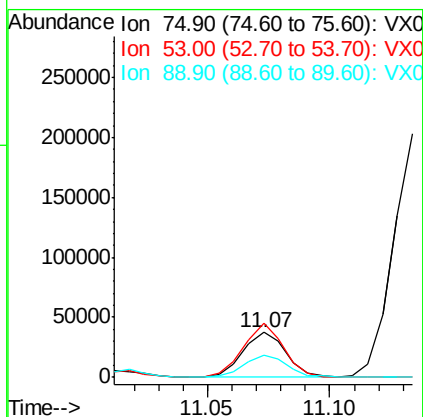
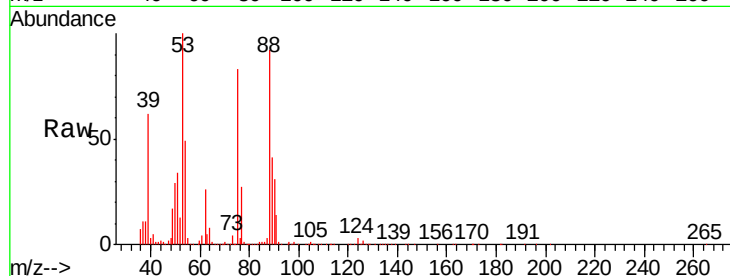
Tgt Ion: 75 Resp: 45678

Ion Ratio Lower Upper

75 100

53 114.5 79.7 119.5

89 49.1 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.838 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006879.D

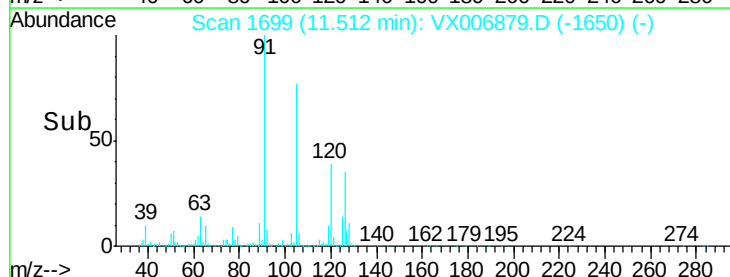
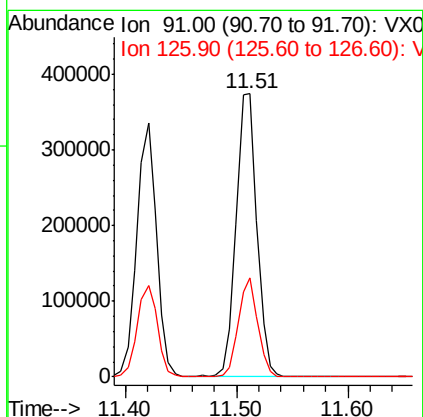
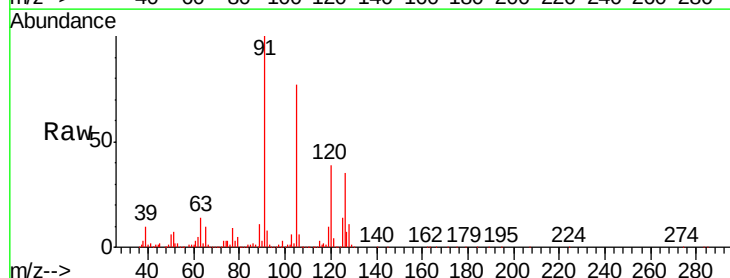
Acq: 02 Jan 2019 14:18

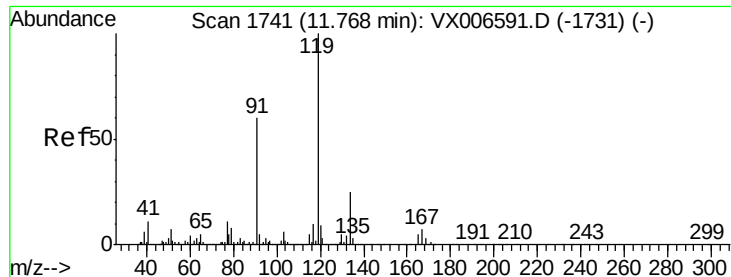
Tgt Ion: 91 Resp: 484347

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9

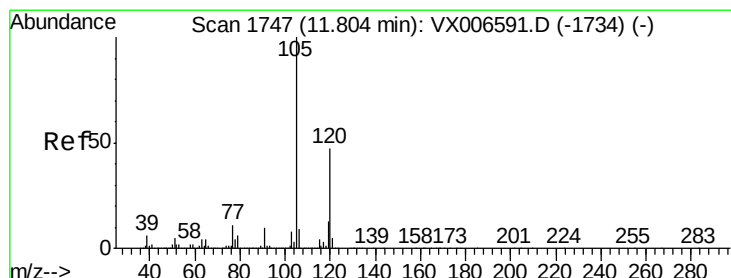
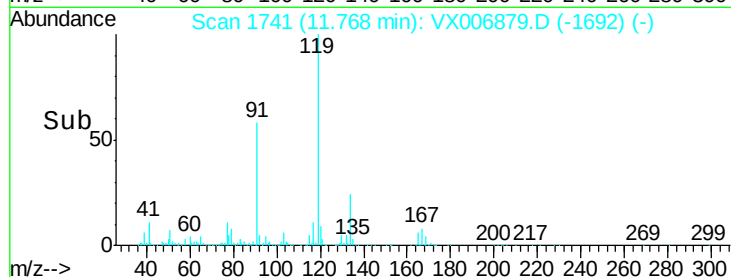
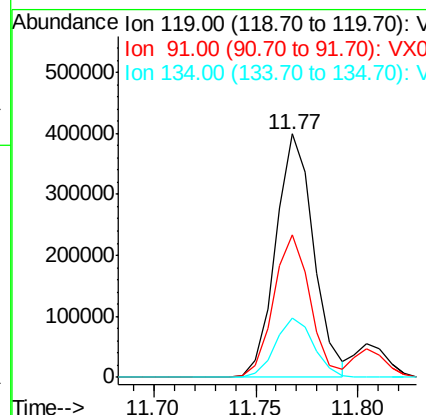
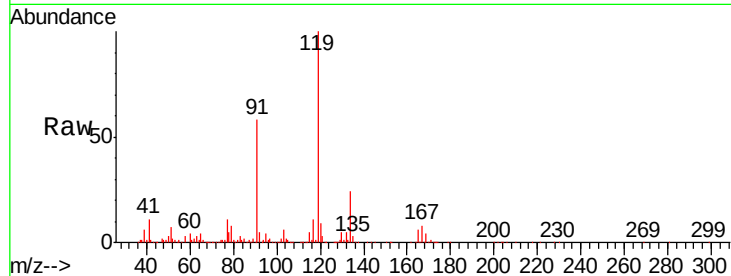




#83
 tert-Butylbenzene
 Concen: 18.647 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

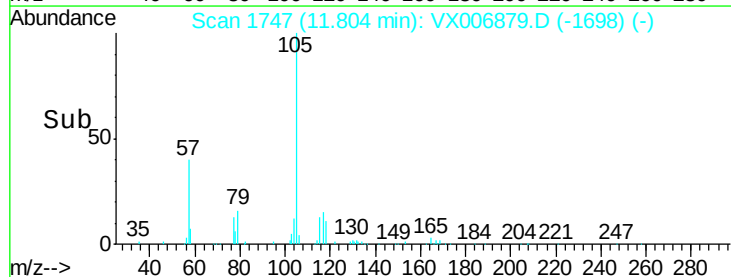
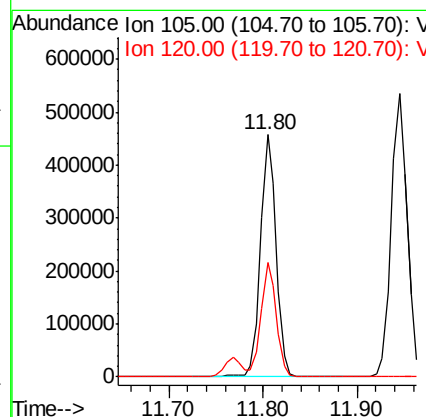
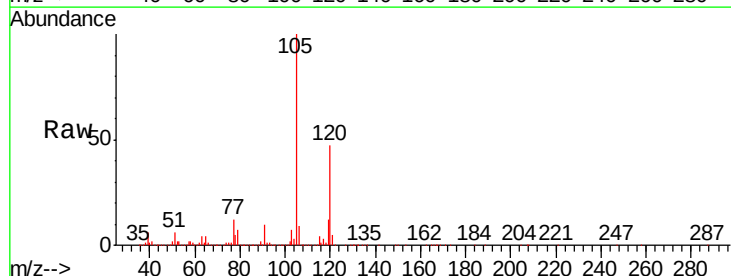
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBS01

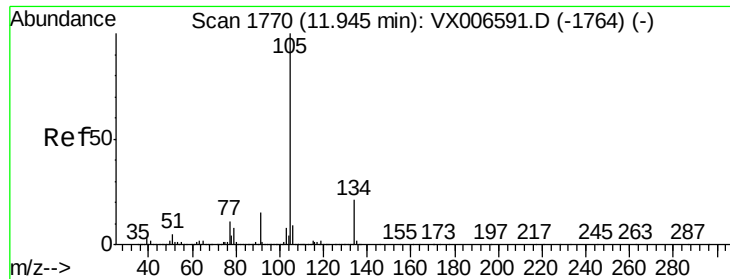
Tgt Ion:119 Resp: 516293
 Ion Ratio Lower Upper
 119 100
 91 56.6 27.7 83.1
 134 24.7 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.435 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

Tgt Ion:105 Resp: 536423
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.574 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

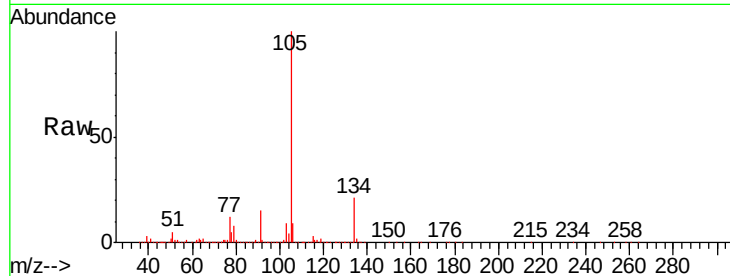
VX0102MBSD01

Tgt Ion:105 Resp: 630523

Ion Ratio Lower Upper

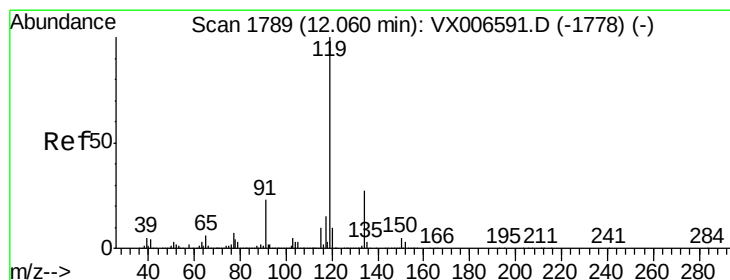
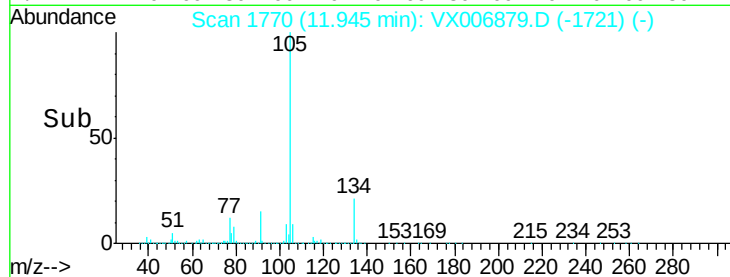
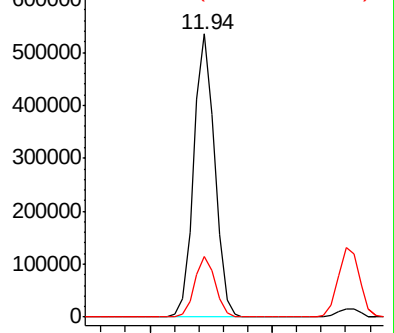
105 100

134 21.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.160 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

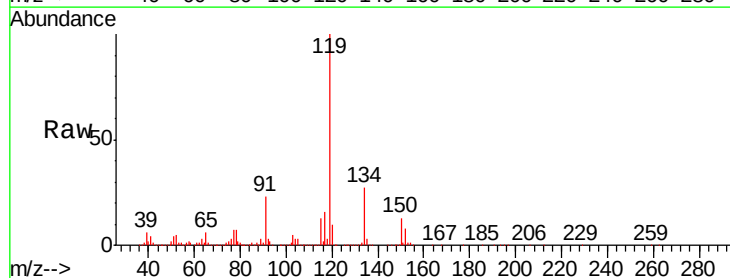
Tgt Ion:119 Resp: 571749

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

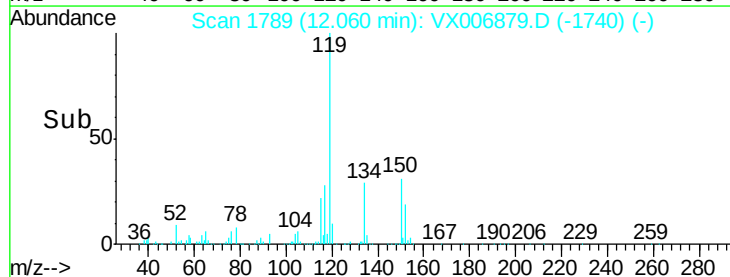
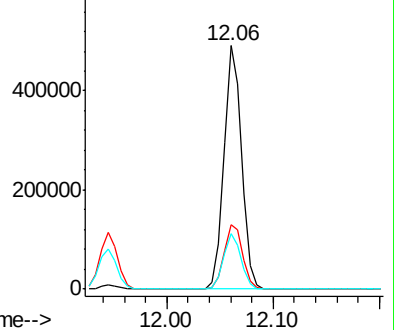
91 22.7 11.3 33.9

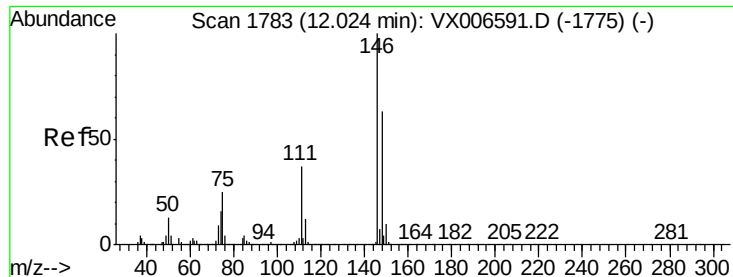


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

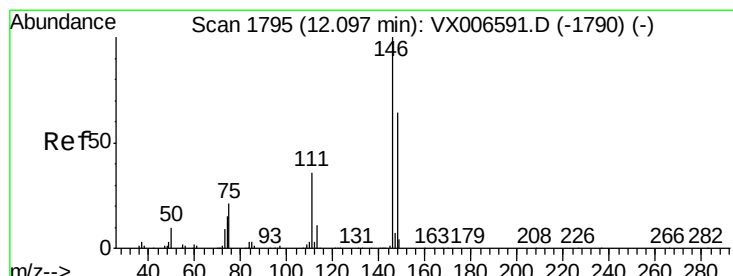
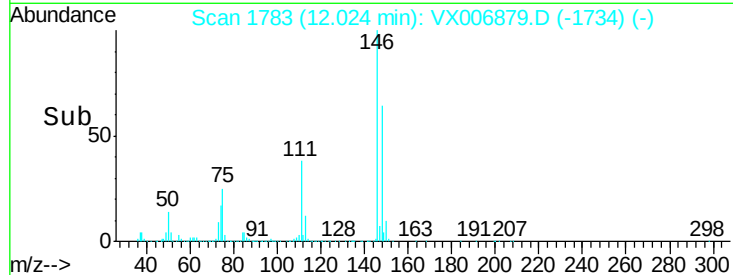
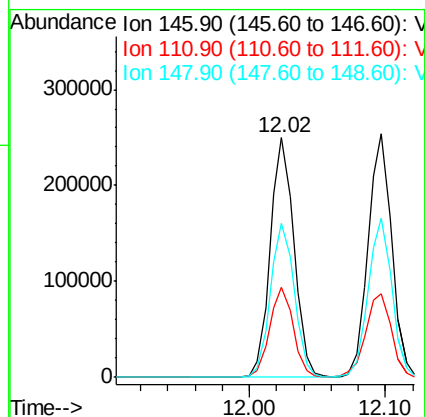
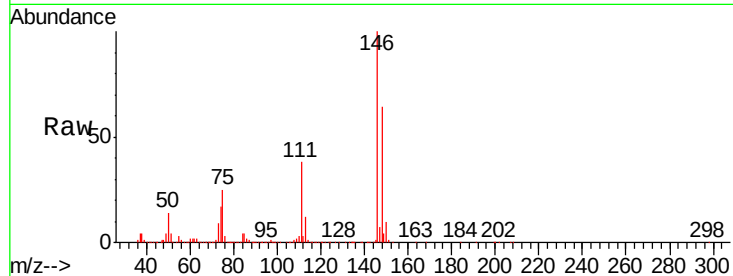




#87
 1,3-Dichlorobenzene
 Concen: 18.717 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

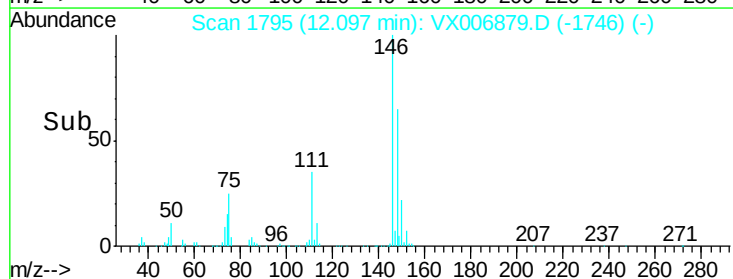
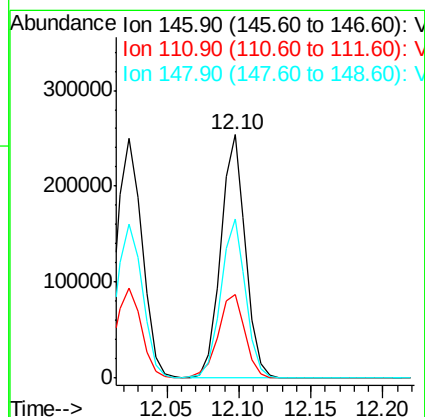
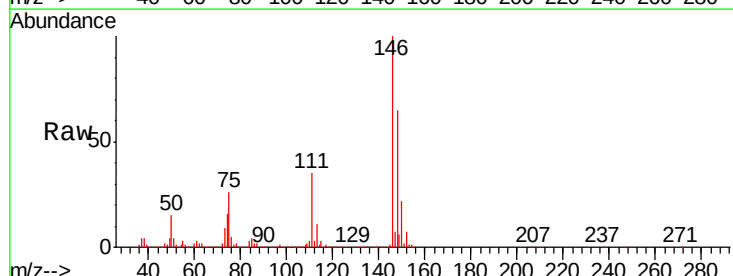
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBS01

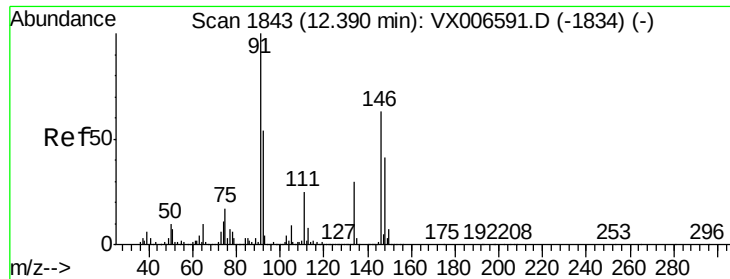
Tgt Ion:146 Resp: 306316
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 65.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.182 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

Tgt Ion:146 Resp: 305034
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.1 54.1
 148 65.7 31.9 95.9

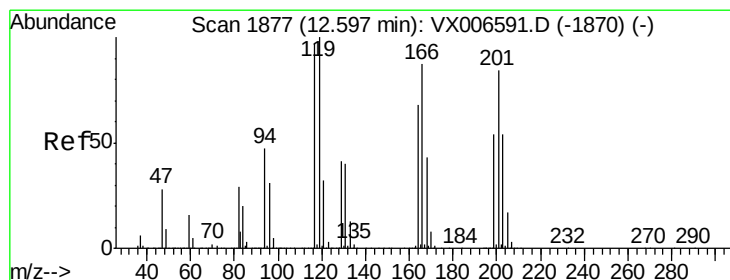
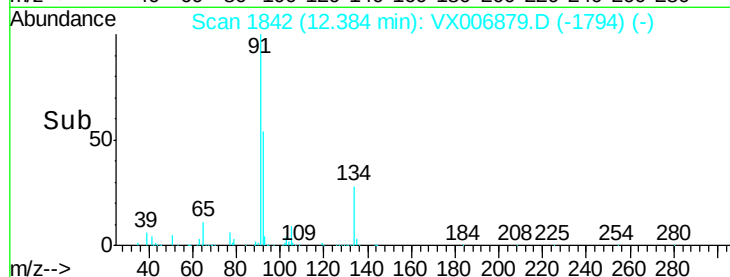
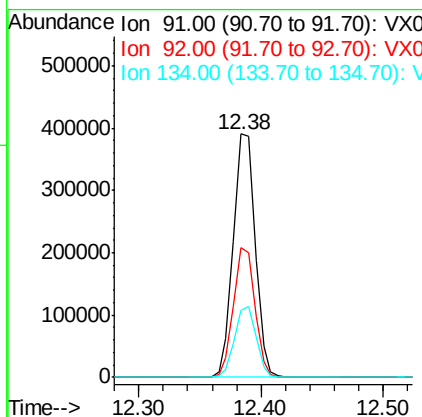
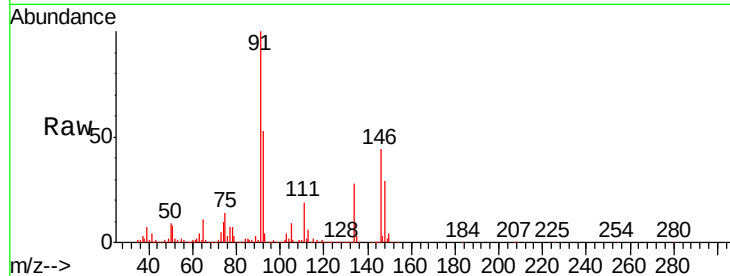




#89
n-Butylbenzene
Concen: 19.001 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

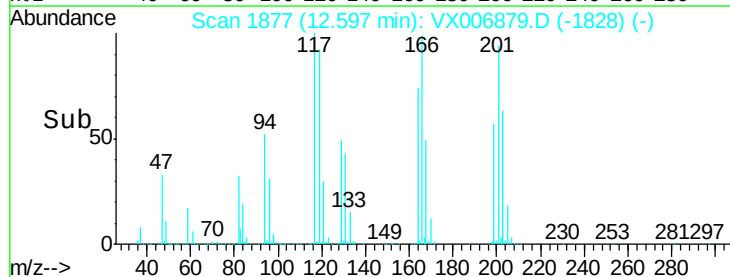
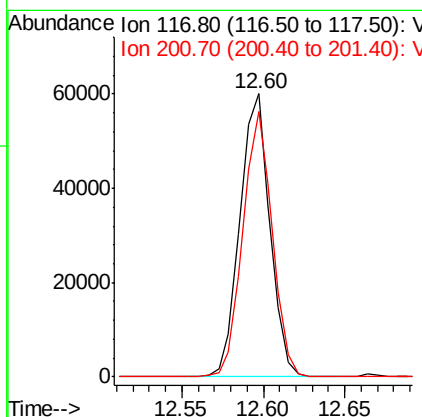
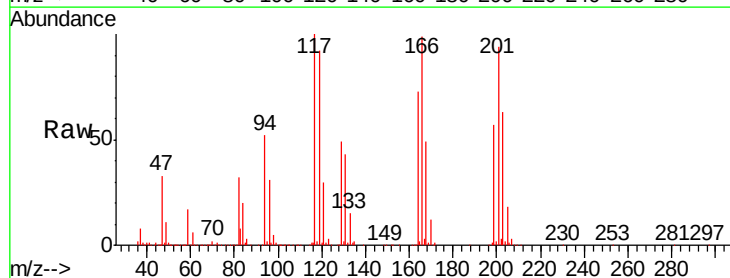
Instrument :
MSVOA_X
ClientSampleId :
VX0102MBSD01

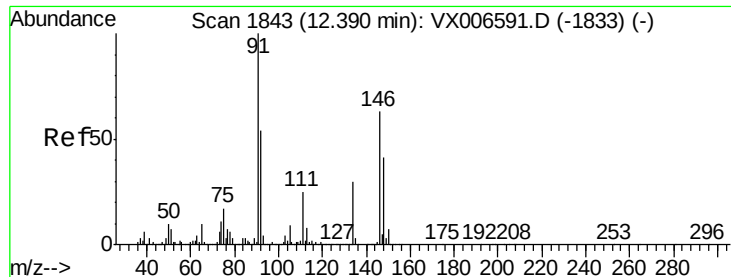
Tgt Ion: 91 Resp: 482546
Ion Ratio Lower Upper
91 100
92 52.2 26.8 80.4
134 28.5 14.4 43.2



#90
Hexachloroethane
Concen: 18.739 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006879.D
Acq: 02 Jan 2019 14:18

Tgt Ion: 117 Resp: 77224
Ion Ratio Lower Upper
117 100
201 91.5 42.9 128.7

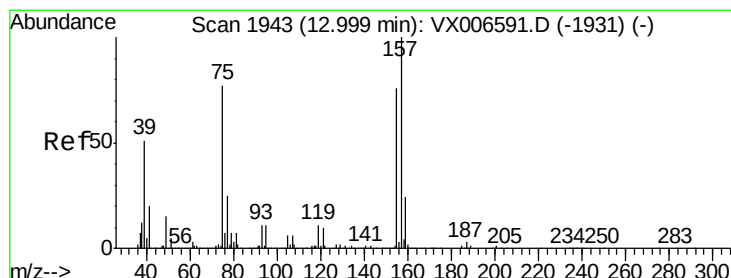
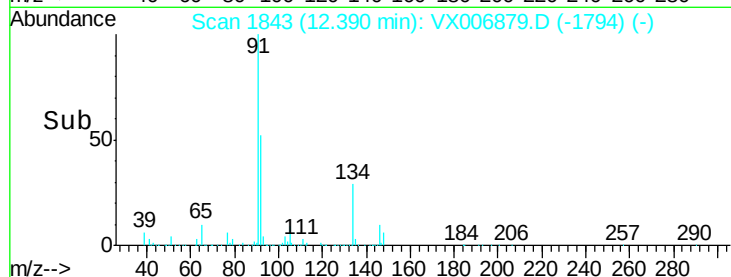
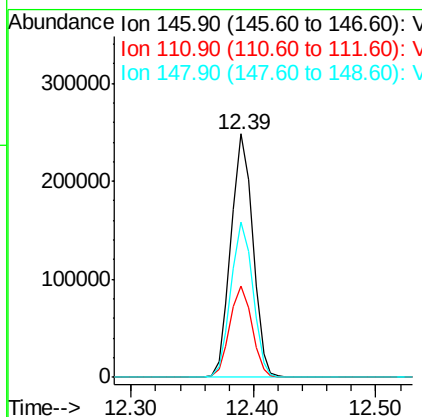
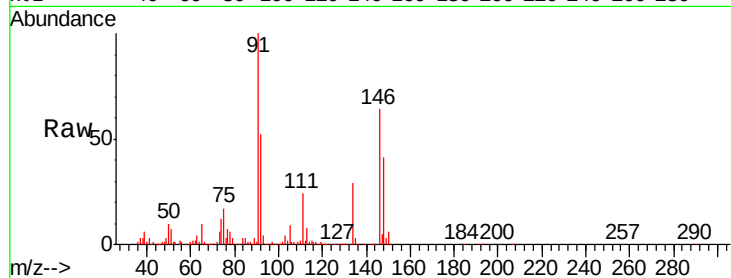




#91
 1,2-Dichlorobenzene
 Concen: 18.759 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

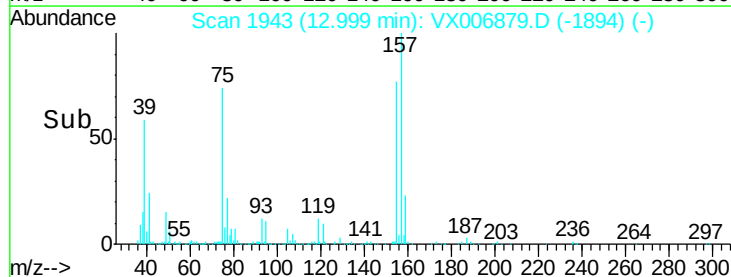
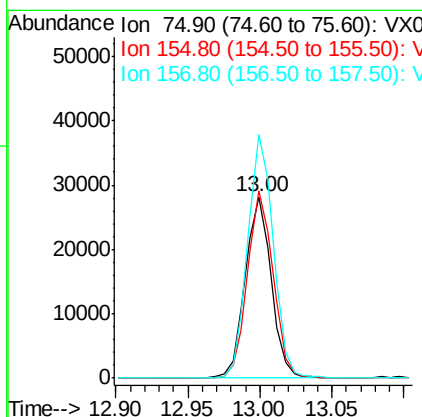
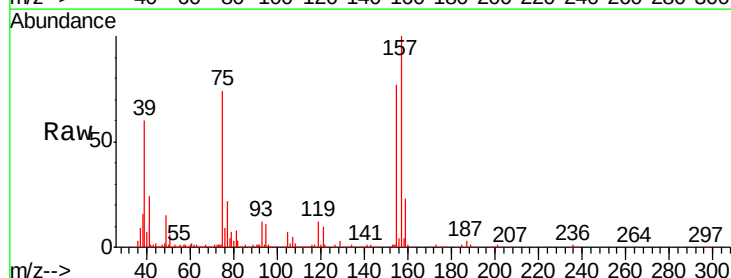
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBSD01

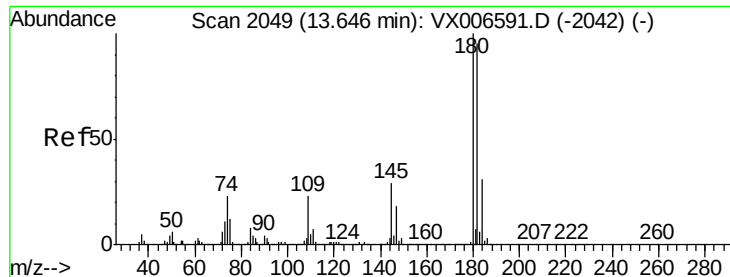
Tgt Ion: 146 Resp: 307104
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.2
 148 64.2 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.063 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

Tgt Ion: 75 Resp: 35267
 Ion Ratio Lower Upper
 75 100
 155 101.4 50.6 151.8
 157 131.6 64.6 193.8

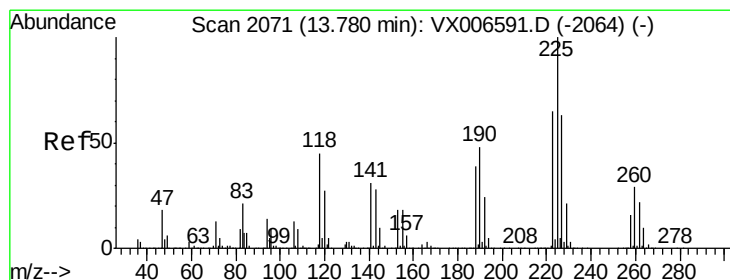
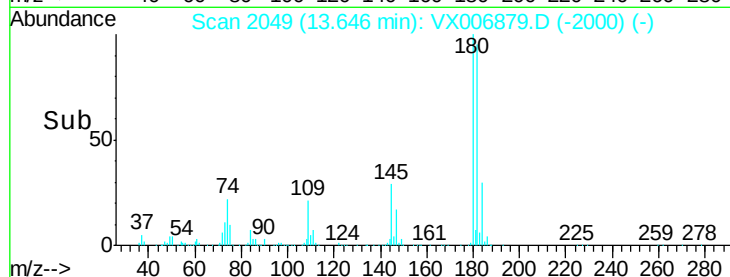
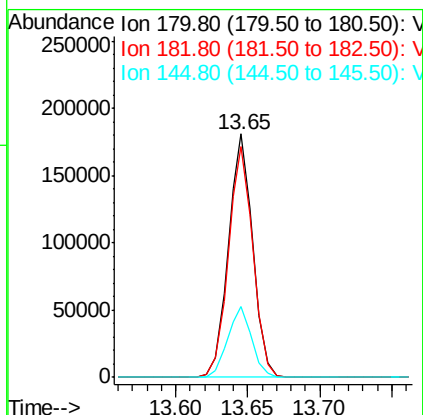
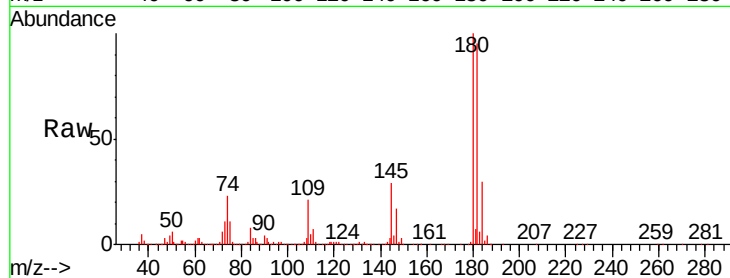




#93
 1,2,4-Trichlorobenzene
 Concen: 19.029 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

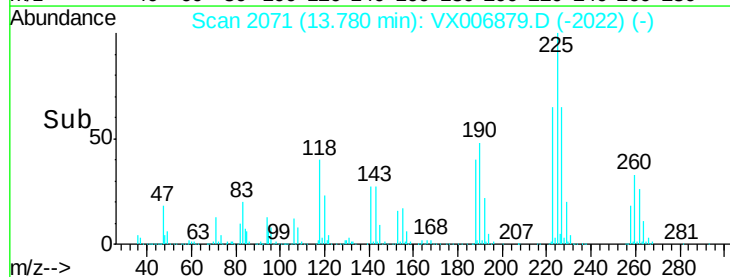
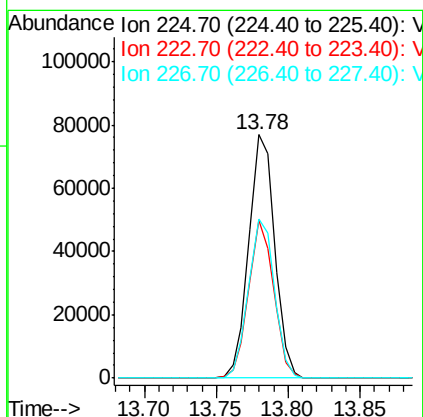
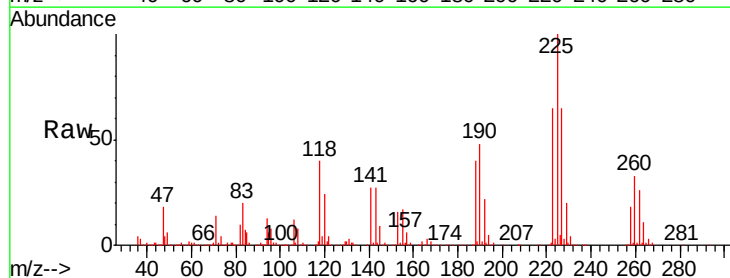
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102MBSD01

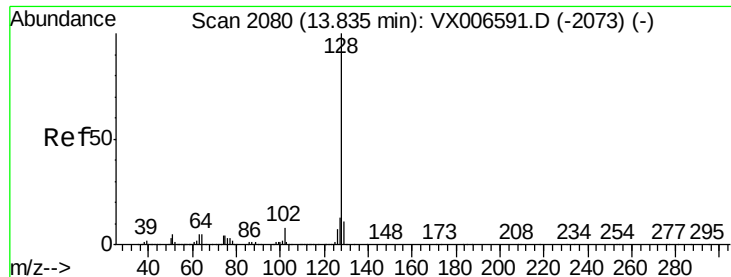
Tgt Ion:180 Resp: 214886
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 142.0
 145 28.8 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 17.992 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006879.D
 Acq: 02 Jan 2019 14:18

Tgt Ion:225 Resp: 95768
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.1 96.3
 227 65.6 32.3 96.8





#95

Naphthalene

Concen: 17.211 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VX0102MBSD01

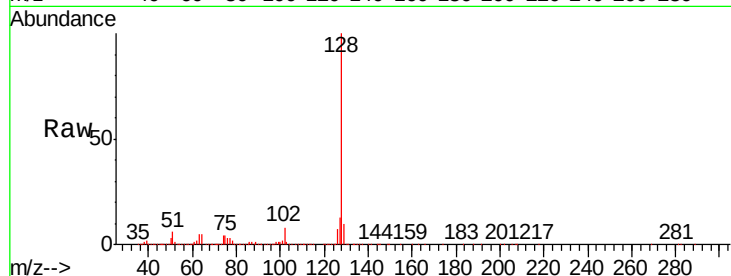
Tgt Ion:128 Resp: 620330

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

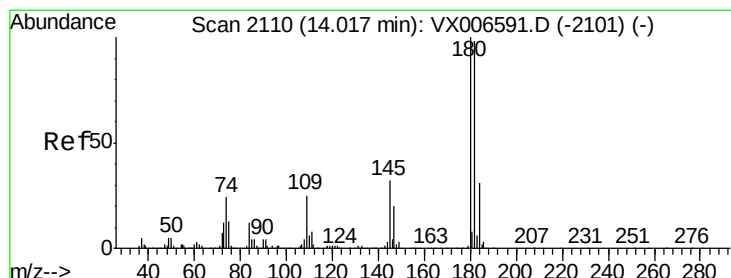
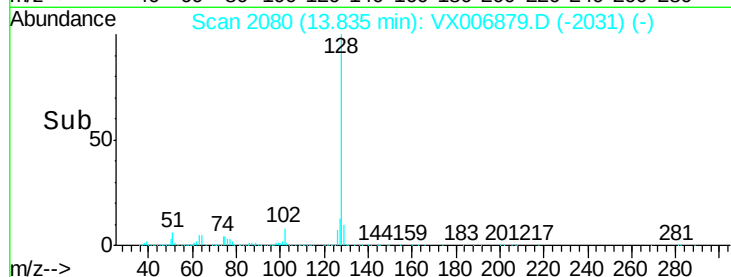
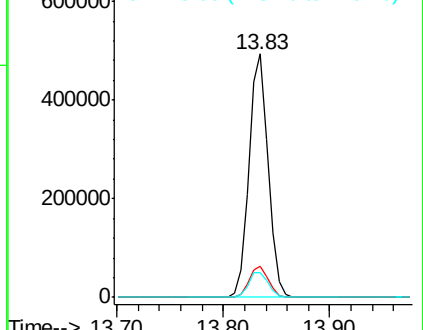
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.031 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006879.D

Acq: 02 Jan 2019 14:18

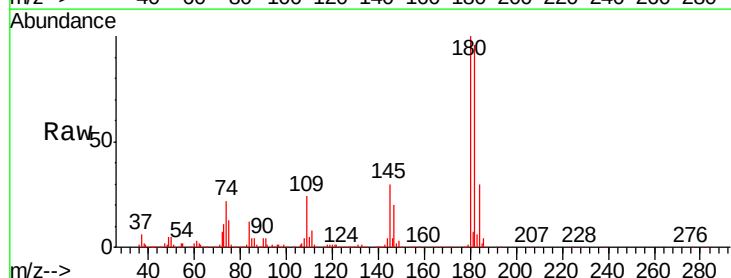
Tgt Ion:180 Resp: 210228

Ion Ratio Lower Upper

180 100

182 96.0 48.5 145.5

145 30.9 16.0 47.9



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

