

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004973.D
 Acq On : 03 Oct 2018 17:06
 Operator : JC/MD
 Sample : J5214-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48719

Quant Time: Oct 04 01:24:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	252417	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.88	114	401075	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.13	117	411057	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.10	152	260121	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.09	65	172636	47.88	ug/l	0.02
Spiked Amount			Recovery	=	95.76%	
35) Dibromofluoromethane	5.53	113	141510	41.63	ug/l	0.02
Spiked Amount			Recovery	=	83.26%	
50) Toluene-d8	8.73	98	604556	53.50	ug/l	0.01
Spiked Amount			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	11.16	95	1719469	422.36	ug/l	0.02
Spiked Amount			Recovery	=	844.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	19221	4.603	ug/l	97
4) Vinyl Chloride	1.40	62	2639	0.674	ug/l #	78
5) Bromomethane	1.64	94	45104	19.422	ug/l	91
6) Chloroethane	1.72	64	9451	2.203	ug/l	97
8) Diethyl Ether	2.19	74	9268	4.400	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.48	101	8514	3.083	ug/l #	16
10) Methyl Iodide	2.52	142	4794	1.297	ug/l #	90
11) Tert butyl alcohol	3.10	59	3785430	3754.605	ug/l	99
13) Acrolein	2.31	56	23467	32.714	ug/l #	10
14) Allyl chloride	2.64	41	123909	20.764	ug/l #	20
15) Acrylonitrile	3.16	53	3136	1.413	ug/l #	42
16) Acetone	2.64	43	399945	189.986	ug/l #	61
17) Carbon Disulfide	2.57	76	2033	0.247	ug/l	96
18) Methyl Acetate	2.78	43	733026	137.436	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1968	0.209	ug/l #	1
20) Methylene Chloride	2.86	84	1106	Below Cal	#	60
22) Diisopropyl ether	3.87	45	35131	3.496	ug/l	94
23) Vinyl Acetate	3.87	43	23644	2.570	ug/l #	73
25) 2-Butanone	4.54	43	803971	259.093	ug/l #	50
28) Bromochloromethane	4.96	49	21832	7.734	ug/l #	13
29) Tetrahydrofuran	5.18	42	311252	161.385	ug/l	91
30) Chloroform	5.28	83	22021	3.887	ug/l #	22
31) Cyclohexane	5.58	56	559884	122.036	ug/l #	85
36) 1,1-Dichloropropene	5.67	75	16916	3.647	ug/l #	46
37) Ethyl Acetate	4.91	43	1086116	176.428	ug/l #	96
38) Carbon Tetrachloride	5.68	117	22617	4.639	ug/l #	16
39) Methylcyclohexane	7.46	83	1280857	270.473	ug/l #	85
40) Benzene	6.16	78	22886458	1576.285	ug/l	95
41) Methacrylonitrile	4.95	41	1075904	315.141	ug/l #	1
42) 1,2-Dichloroethane	6.22	62	3677599	716.502	ug/l	98
43) Isopropyl Acetate	6.48	43	733542	82.556	ug/l #	79
45) 1,2-Dichloropropane	7.46	63	9722	2.730	ug/l #	1
46) Dibromomethane	7.73	93	68265	30.507	ug/l #	1
47) Bromodichloromethane	7.99	83	70558	16.841	ug/l #	64

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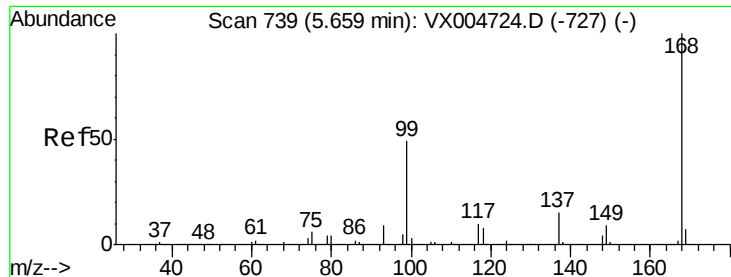
Instrument :
 MSVOA_X
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) Methyl methacrylate	7.77	41	537645	133.312	ug/l #	19
49) 1,4-Dioxane	7.77	88	15143	151.136	ug/l #	1
51) 4-Methyl-2-Pentanone	8.70	43	15120629	2702.683	ug/l	89
53) t-1,3-Dichloropropene	8.82	75	635450	134.221	ug/l #	1
54) cis-1,3-Dichloropropene	8.50	75	2958	0.597	ug/l #	1
55) 1,1,2-Trichloroethane	9.17	97	249294	71.335	ug/l #	17
56) Ethyl methacrylate	9.21	69	58443	12.578	ug/l #	18
58) 2-Chloroethyl Vinyl ether	8.38	63	51136	30.257	ug/l #	49
59) 2-Hexanone	9.52	43	21412077	4592.753	ug/l	76
60) Dibromochloromethane	9.45	129	3841	1.099	ug/l	77
61) 1,2-Dibromoethane	9.70	107	94104	25.144	ug/l #	4
65) Chlorobenzene	10.20	112	40163	3.810	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.19	131	2664	0.719	ug/l #	8
67) Ethyl Benzene	10.26	91	20678695	1235.684	ug/l #	60
68) m/p-Xylenes	10.27	106	12129903	1854.891	ug/l	82
70) Styrene	10.74	104	1802552	155.729	ug/l #	1
73) Isopropylbenzene	11.04	105	3508401	213.982	ug/l	99
74) N-amyl acetate	10.90	43	947111	103.170	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	11.30	83	1739218	260.589	ug/l #	81
76) 1,2,3-Trichloropropane	11.38	75	104207	17.873	ug/l #	1
78) n-propylbenzene	11.37	91	13689575	727.697	ug/l	90
79) 2-Chlorotoluene	11.37	91	13689575	1167.456	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.68	105	14861198	992.671	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.04	75	50638	24.734	ug/l #	1
82) 4-Chlorotoluene	11.54	91	3319556	240.512	ug/l #	66
83) tert-Butylbenzene	11.85	119	11067932	819.898	ug/l #	51
84) 1,2,4-Trimethylbenzene	11.68	105	14861198	962.565	ug/l	96
85) sec-Butylbenzene	11.96	105	1478532	89.922	ug/l	94
86) p-Isopropyltoluene	12.04	119	2701670	181.357	ug/l	91
88) 1,4-Dichlorobenzene	12.12	146	2121	0.231	ug/l #	1
89) n-Butylbenzene	12.40	91	7545485	557.717	ug/l #	27
90) Hexachloroethane	12.60	117	994441	400.935	ug/l #	1
91) 1,2-Dichlorobenzene	12.41	146	3988	0.429	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70042	47.796	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.66	180	2713	0.416	ug/l #	1
94) Hexachlorobutadiene	13.80	225	906	0.268	ug/l	90
95) Naphthalene	13.62	128	495701	23.300	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	9320	1.384	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 742

Delta R.T. 0.02 min

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MSVOA_X

ClientSampleId :

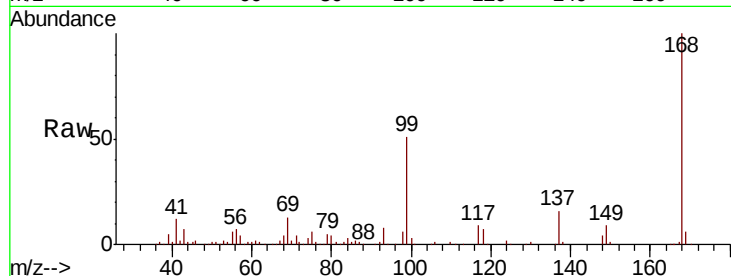
N48719

Tot Ion:168 Resp: 252417

Ion Ratio Lower Upper

168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

80000

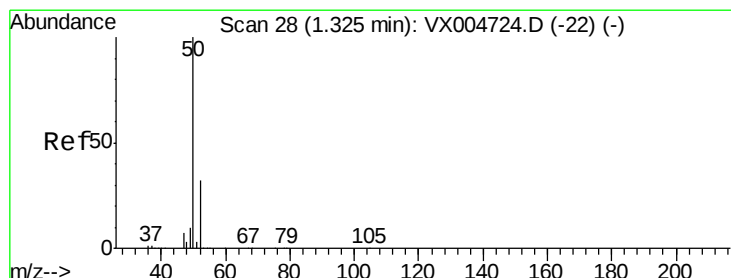
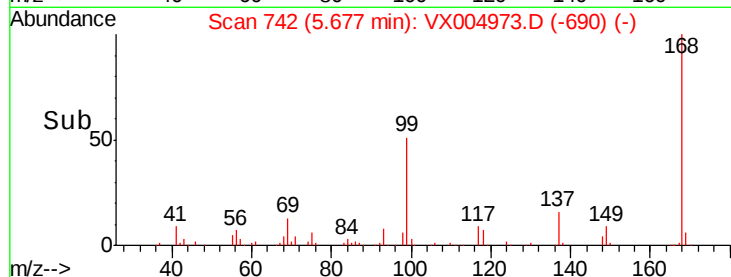
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 4.603 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004973.D

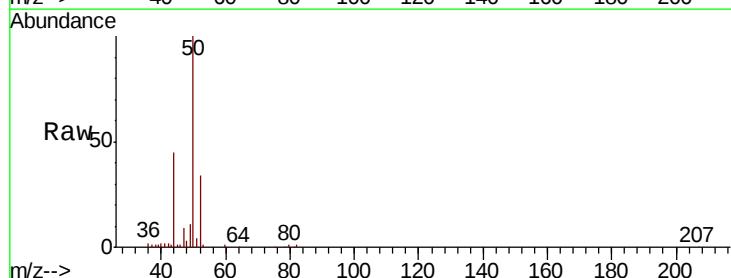
Acq: 03 Oct 2018 17:06

Tgt Ion: 50 Resp: 19221

Ion Ratio Lower Upper

50 100

52 33.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

20000

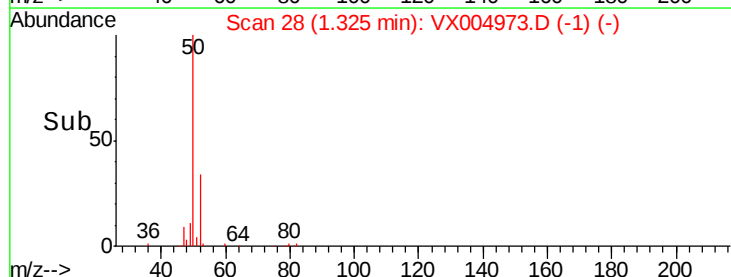
15000

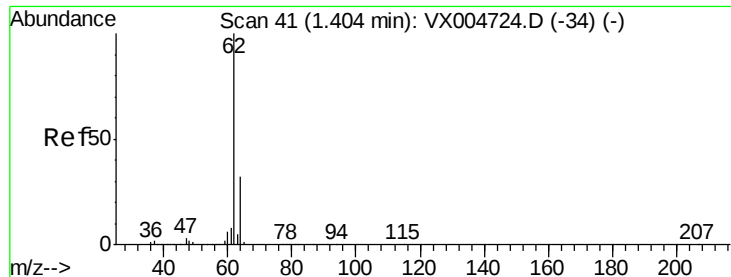
10000

5000

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 0.674 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

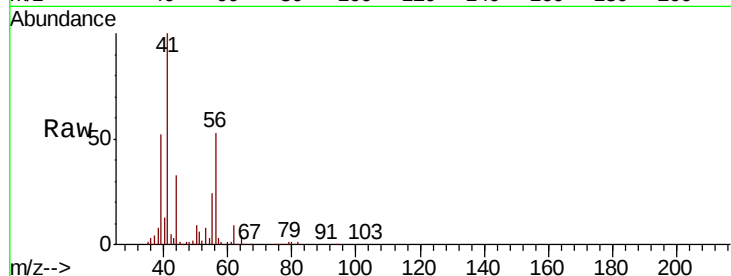
N48719

Tot Ion: 62 Resp: 2639

Ion Ratio Lower Upper

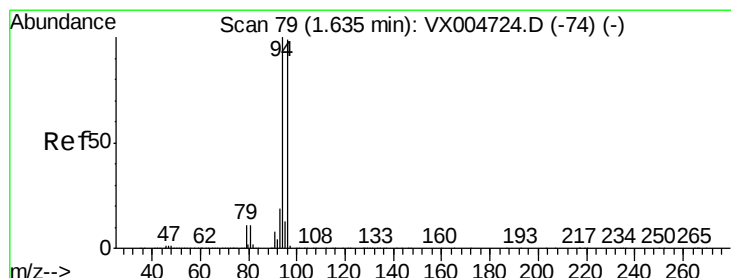
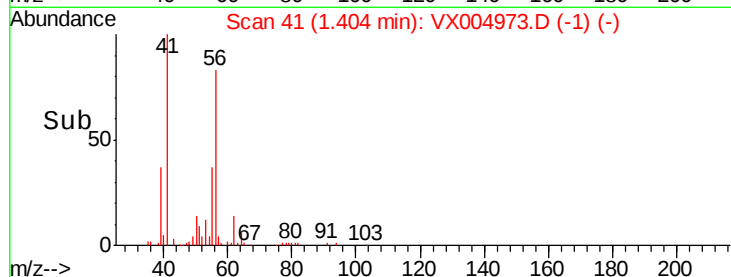
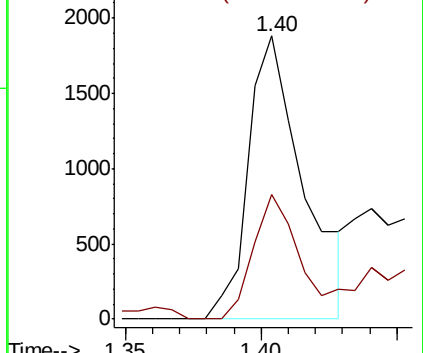
62 100

64 44.0 25.5 38.3#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 19.422 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004973.D

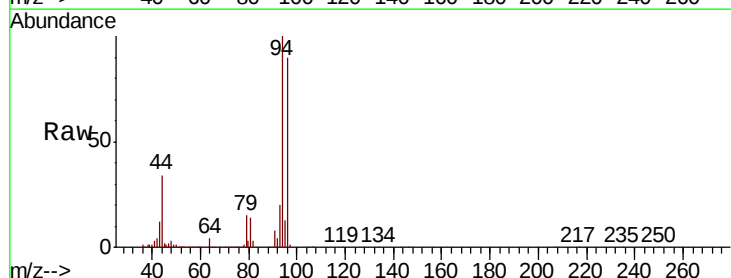
Acq: 03 Oct 2018 17:06

Tgt Ion: 94 Resp: 45104

Ion Ratio Lower Upper

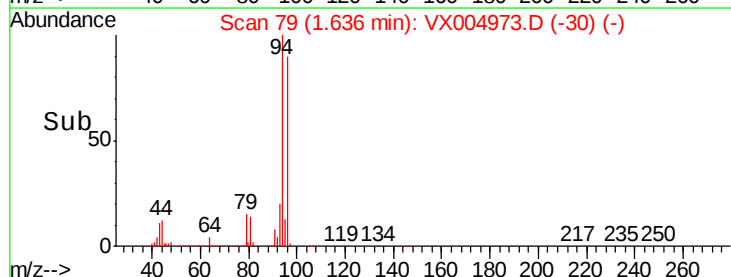
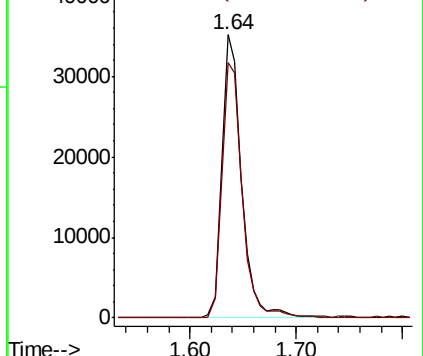
94 100

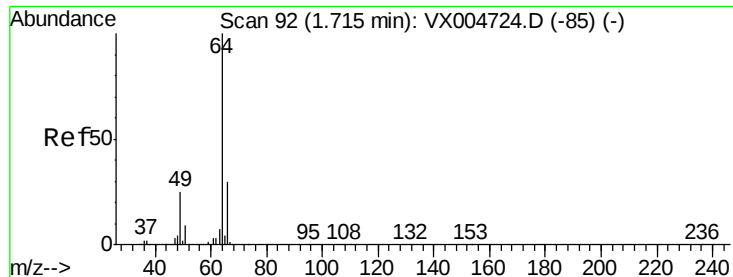
96 89.9 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 2.203 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

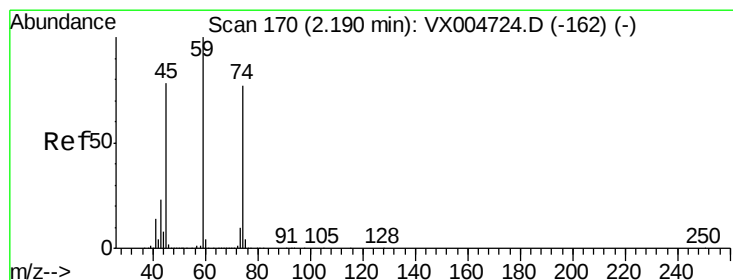
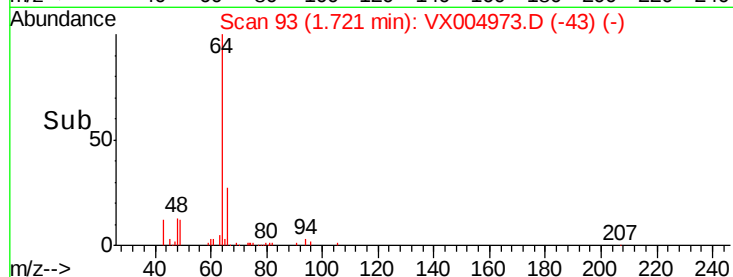
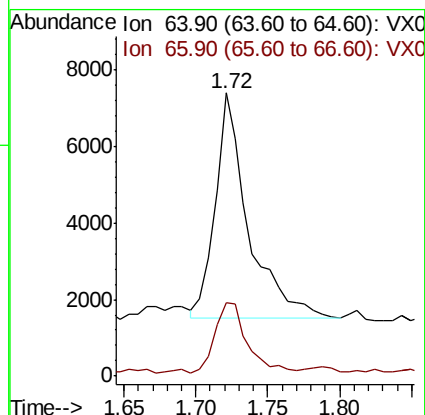
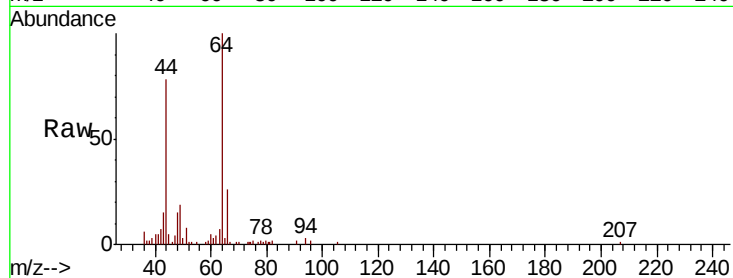
N48719

Tot Ion: 64 Resp: 9451

Ion Ratio Lower Upper

64 100

66 31.1 23.8 35.6



#8

Diethyl Ether

Concen: 4.400 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX004973.D

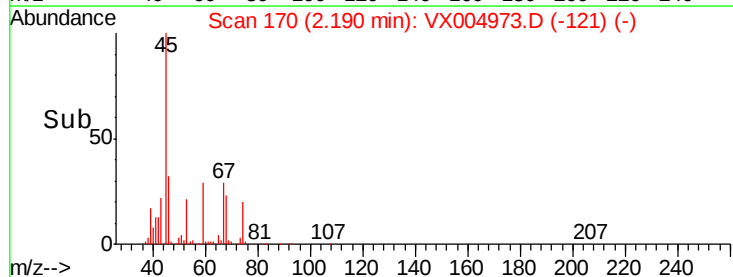
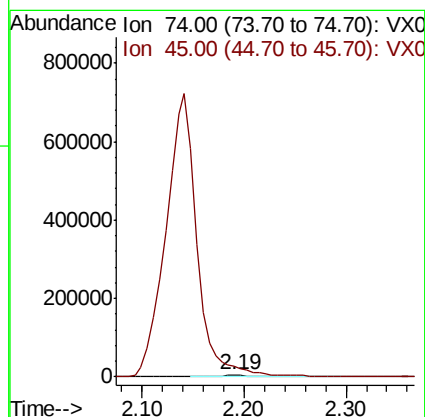
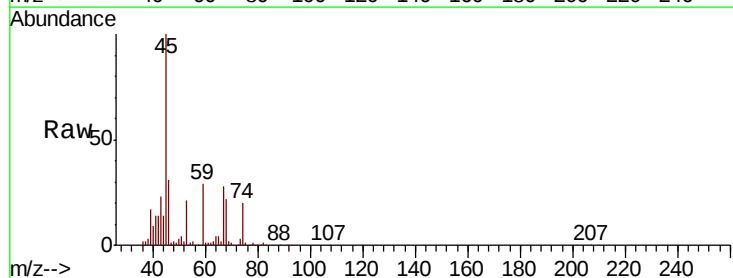
Acq: 03 Oct 2018 17:06

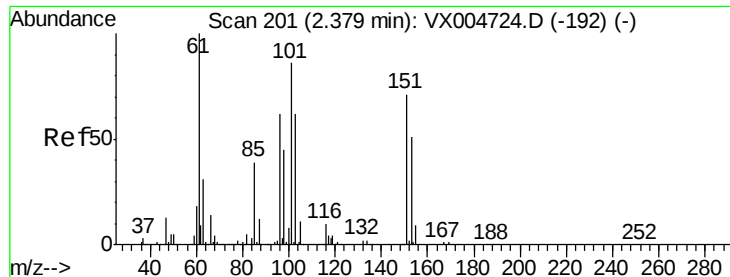
Tgt Ion: 74 Resp: 9268

Ion Ratio Lower Upper

74 100

45 0.0 52.5 157.6#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.083 ug/l

RT: 2.48 min Scan# 217

Delta R.T. 0.10 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

N48719

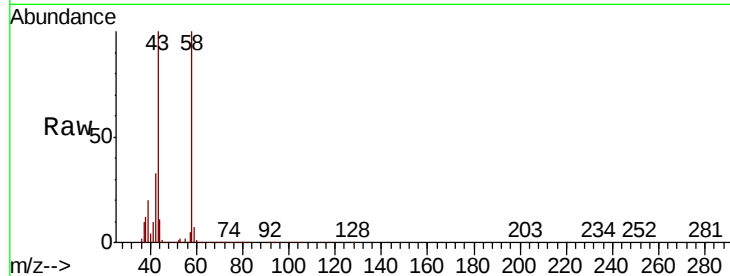
Tot Ion:101 Resp: 8514

Ion Ratio Lower Upper

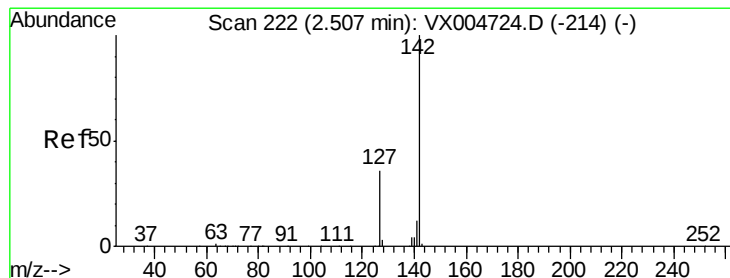
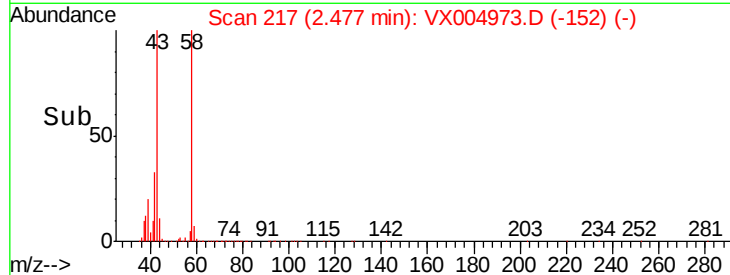
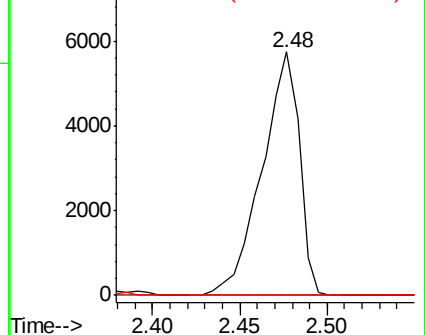
101 100

85 0.0 35.9 53.9#

151 0.0 66.6 100.0#



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: 1.297 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

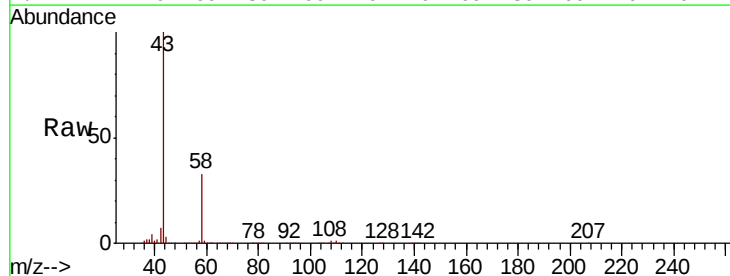
Tgt Ion:142 Resp: 4794

Ion Ratio Lower Upper

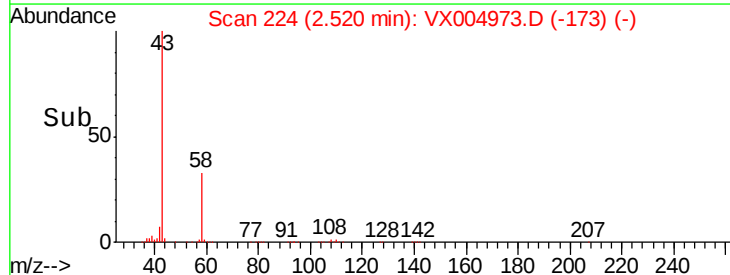
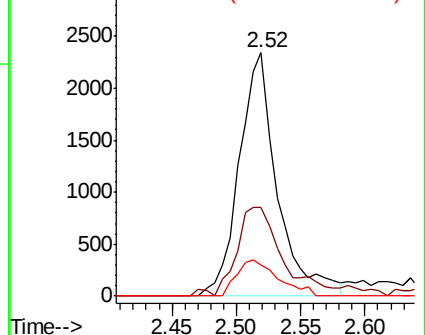
142 100

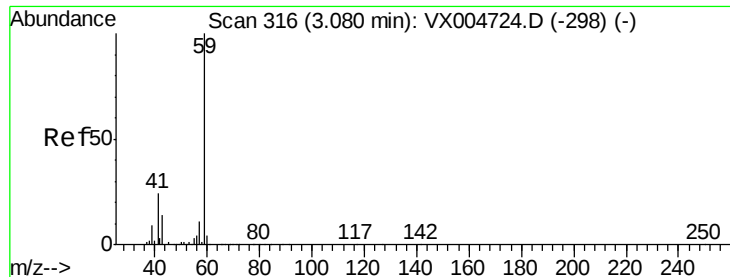
127 43.7 30.1 45.1

141 16.2 10.1 15.1#



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



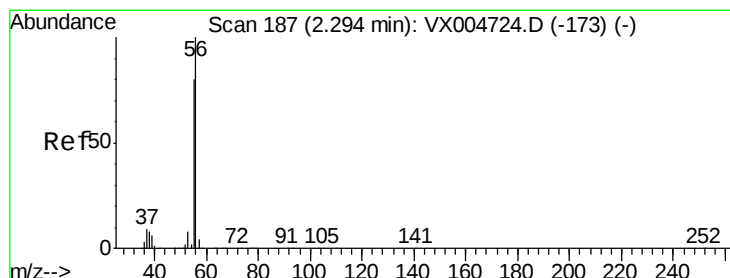
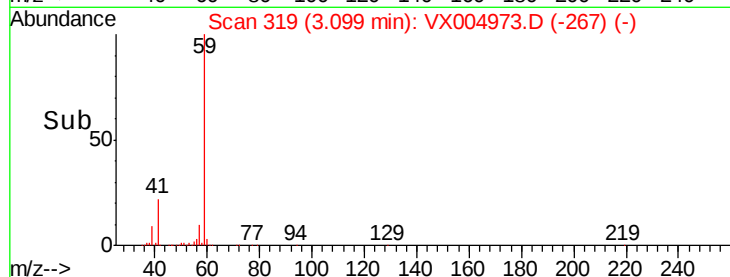
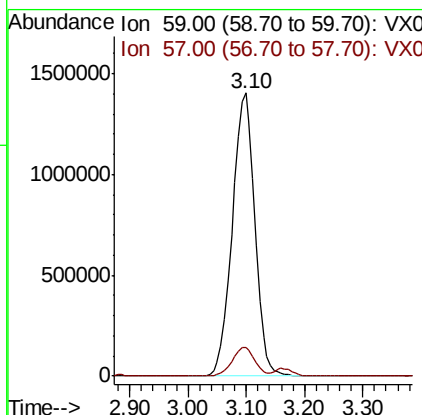
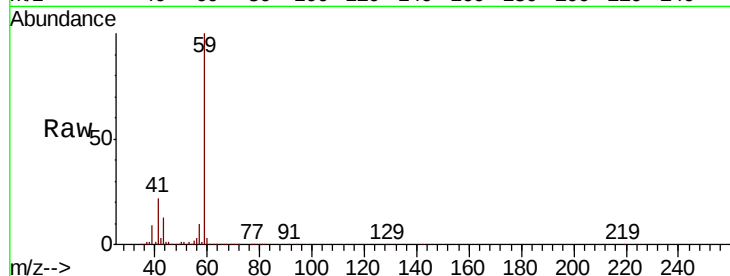


#11

Tert butyl alcohol
 Concen: 3754.605 ug/l
 RT: 3.10 min Scan# 319
 Delta R.T. 0.02 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

Instrument :
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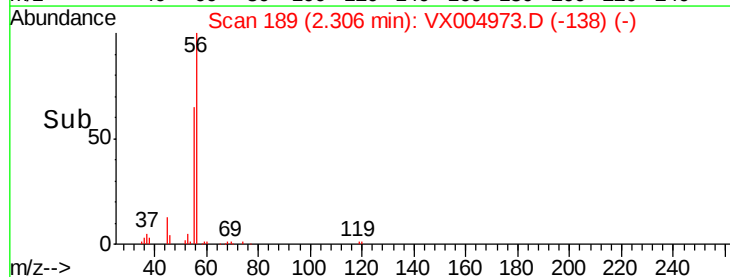
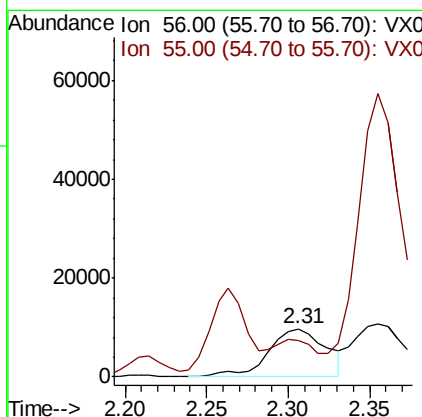
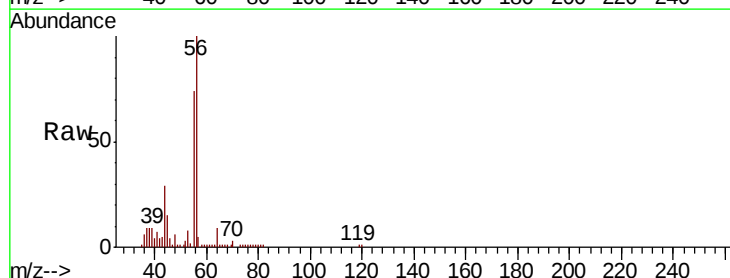
Tot Ion: 59 Resp: 3785430
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8

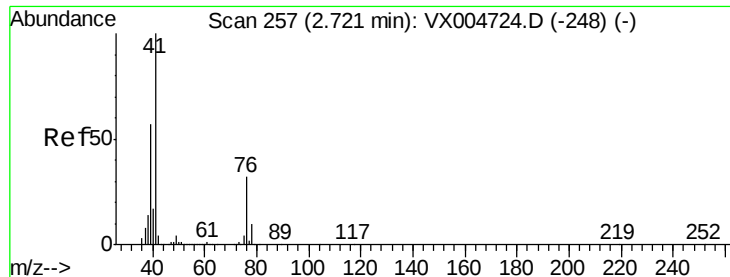


#13

Acrolein
 Concen: 32.714 ug/l
 RT: 2.31 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

Tgt Ion: 56 Resp: 23467
 Ion Ratio Lower Upper
 56 100
 55 0.0 63.4 95.2#

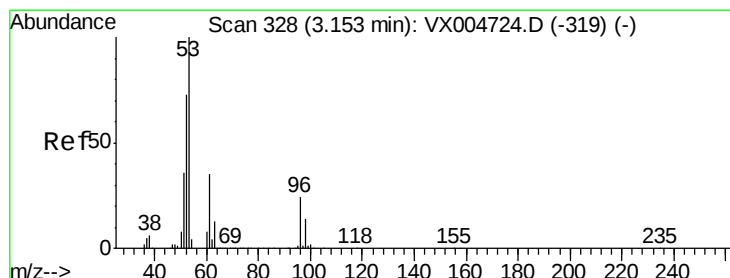
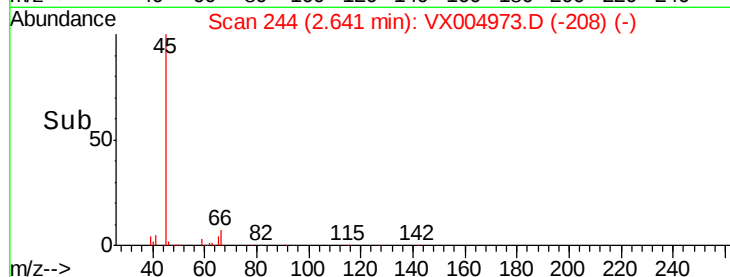
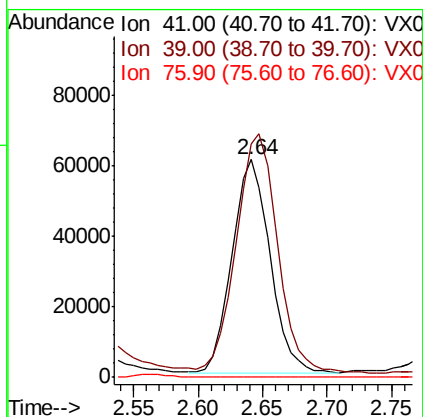
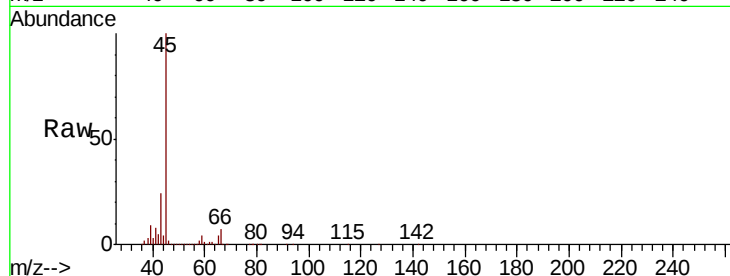




#14
Allvl chloride
Concen: 20.764 ug/l
RT: 2.64 min Scan# 244
Delta R.T. -0.08 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

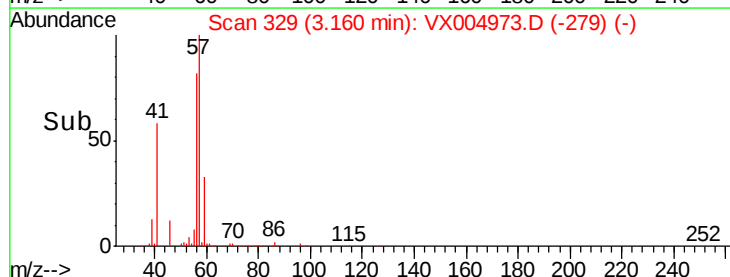
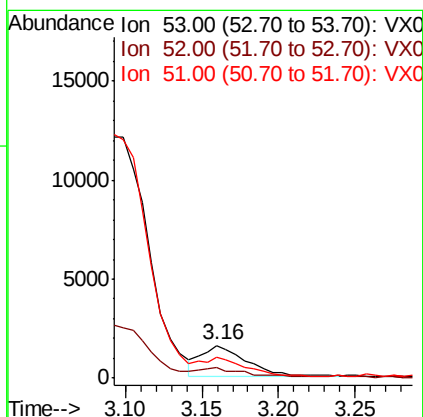
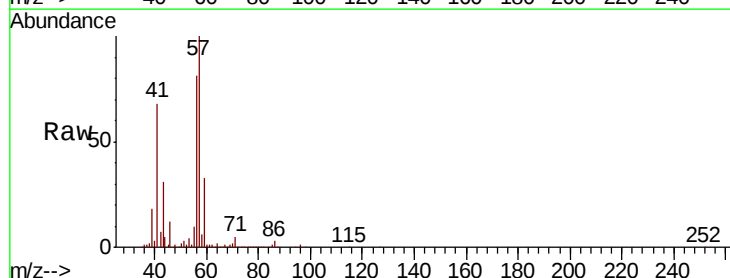
Instrument :
MSVOA_X
ClientSampleId :
N48719

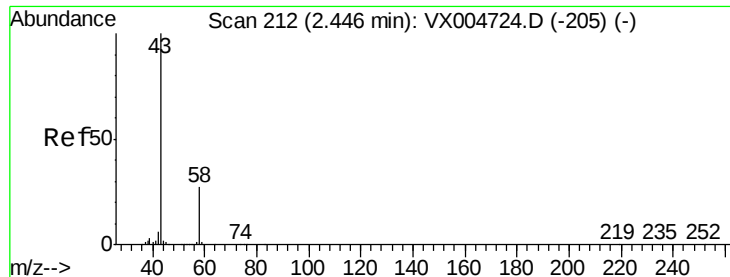
Tot Ion	Ratio	Lower	Upper
41	100		
39	122.8	44.1	66.1#
76	0.0	25.0	37.4#



#15
Acrylonitrile
Concen: 1.413 ug/l
RT: 3.16 min Scan# 329
Delta R.T. 0.01 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion	Ratio	Lower	Upper
53	100		
52	28.7	63.0	94.4#
51	0.0	28.6	42.8#





#16

Acetone

Concen: 189.986 ug/l

RT: 2.64 min Scan# 244

Delta R.T. 0.20 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

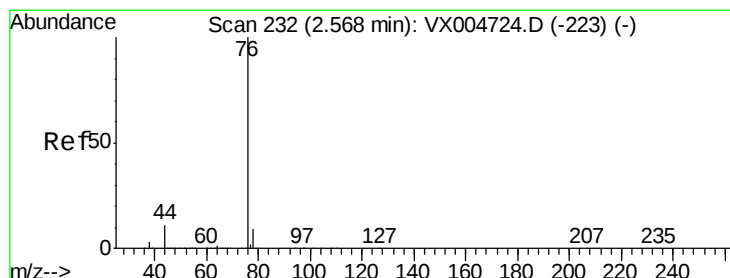
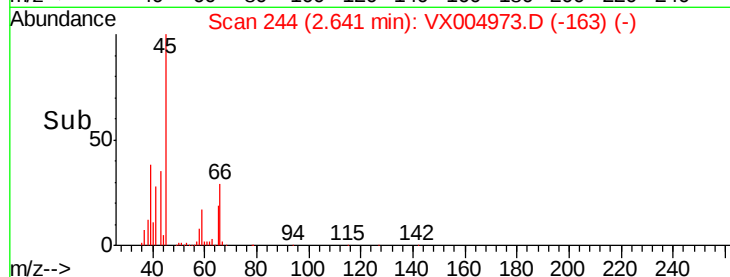
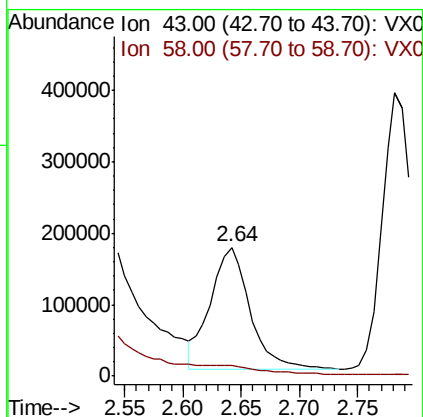
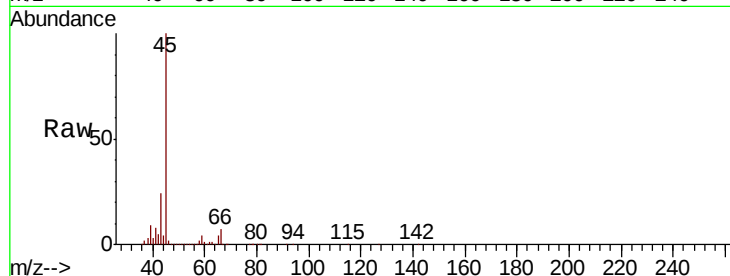
N48719

Tot Ion: 43 Resp: 399945

Ion Ratio Lower Upper

43 100

58 6.9 21.8 32.6#



#17

Carbon Disulfide

Concen: 0.247 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004973.D

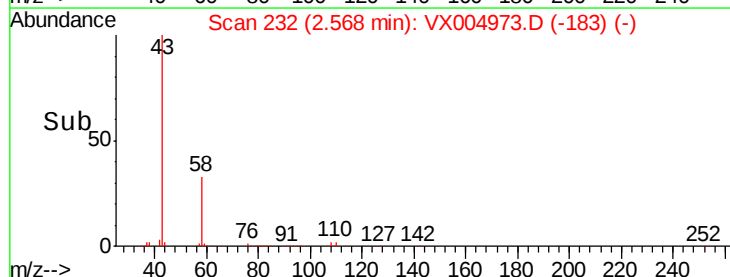
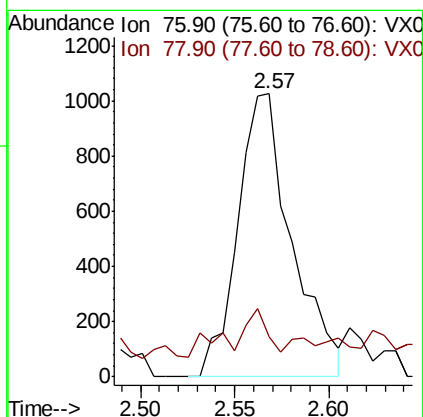
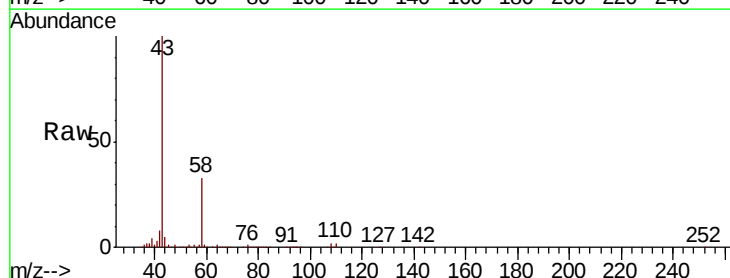
Acq: 03 Oct 2018 17:06

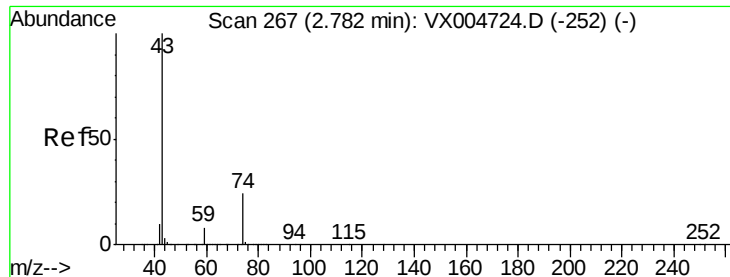
Tgt Ion: 76 Resp: 2033

Ion Ratio Lower Upper

76 100

78 7.2 7.0 10.6

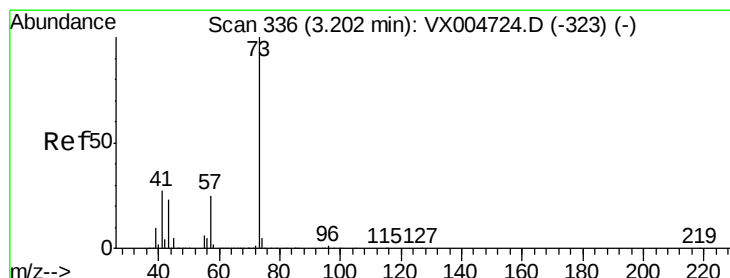
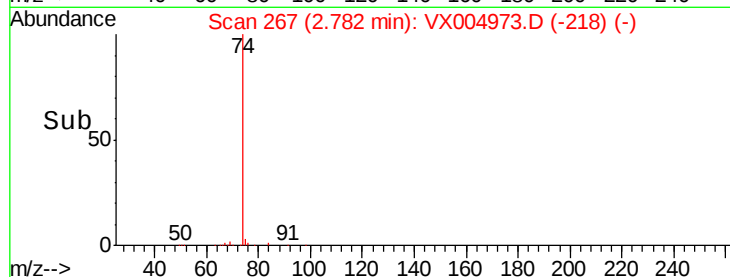
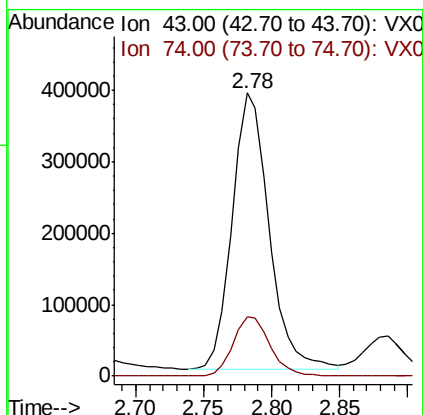
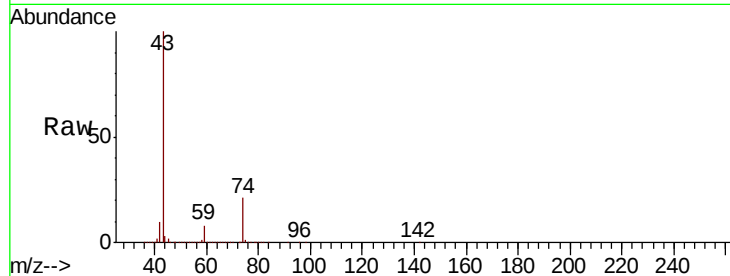




#18
Methyl Acetate
Concen: 137.436 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

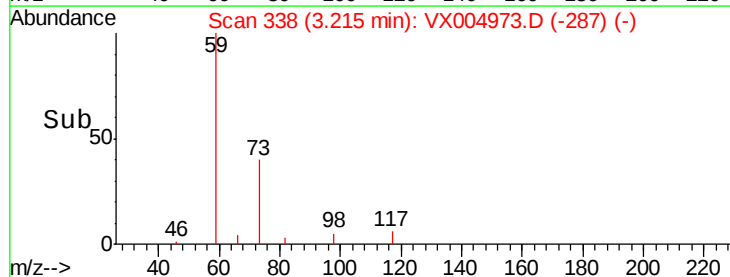
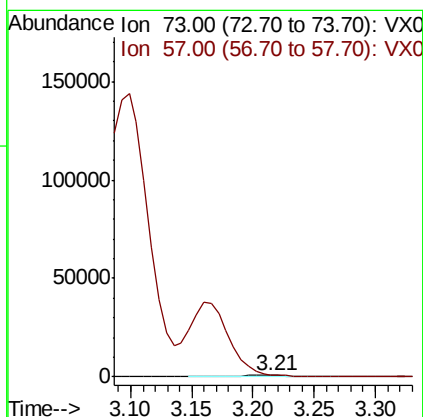
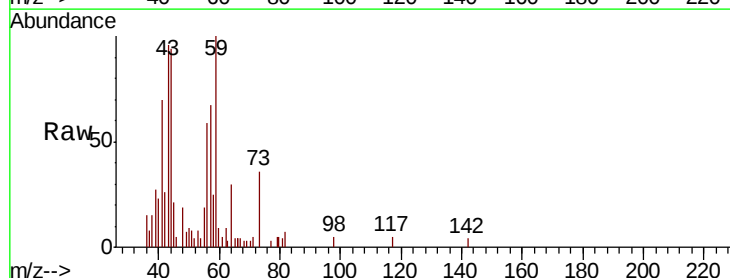
Instrument :
MSVOA_X
ClientSampled :
N48719

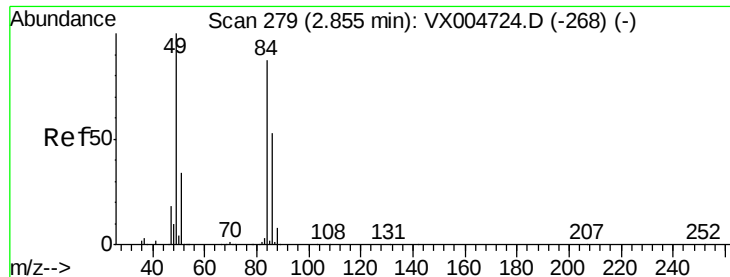
Tot Ion: 43 Resp: 733026
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8



#19
Methyl tert-butyl Ether
Concen: 0.209 ug/l
RT: 3.21 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion: 73 Resp: 1968
Ion Ratio Lower Upper
73 100
57 152.6 19.9 29.9#

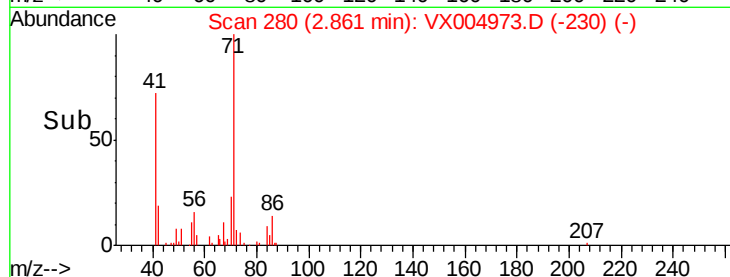
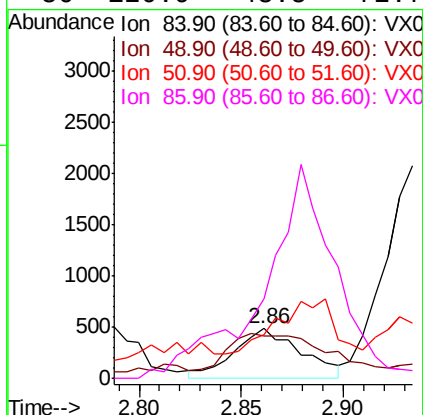
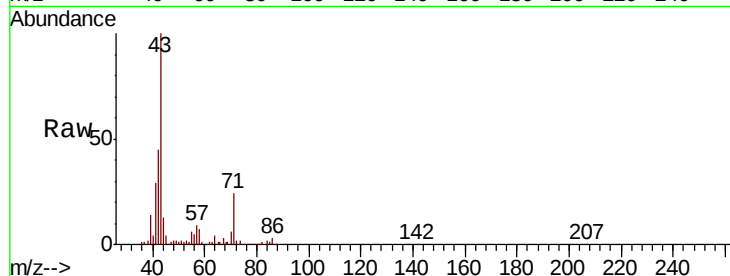




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

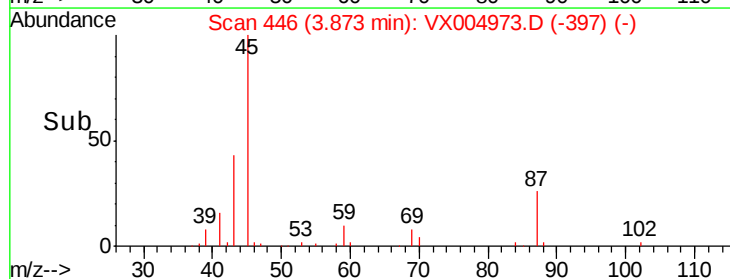
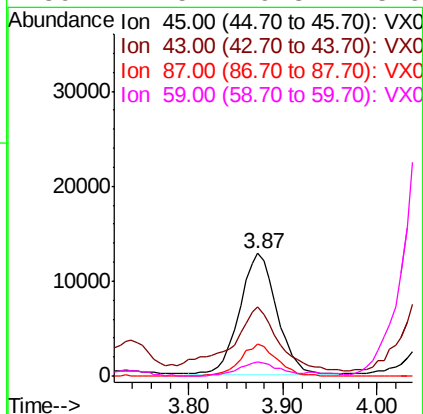
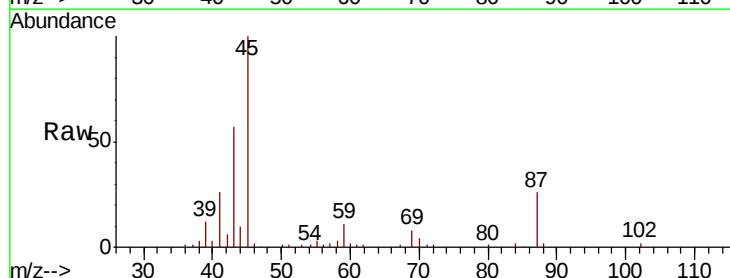
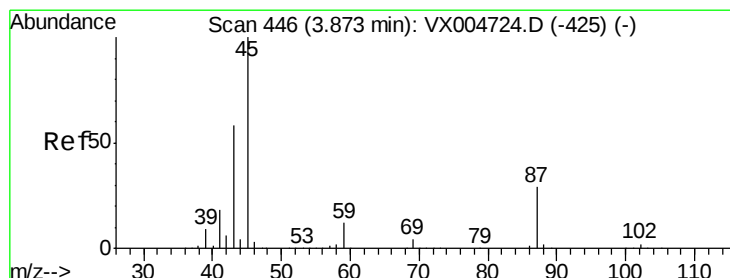
Instrument :
MSVOA_X
ClientSampleId :
N48719

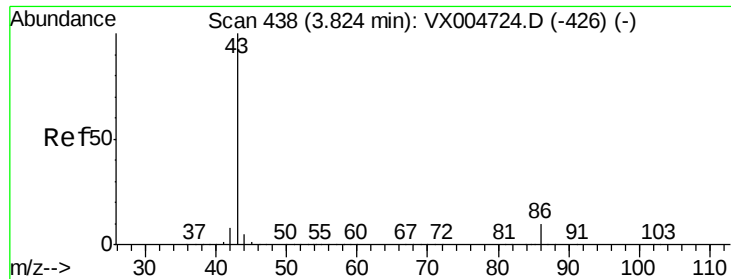
Tot Ion:	84	Resp:	1106
Ion	Ratio	Lower	Upper
84	100		
49	84.2	92.3	138.5#
51	46.6	31.8	47.6
86	120.9	48.5	72.7#



#22
Diisopropyl ether
Concen: 3.496 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.00 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion:	45	Resp:	35131
Ion	Ratio	Lower	Upper
45	100		
43	52.5	46.7	70.1
87	26.3	22.9	34.3
59	11.5	9.3	13.9





#23

Vinyl Acetate

Concen: 2.570 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.05 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampled :

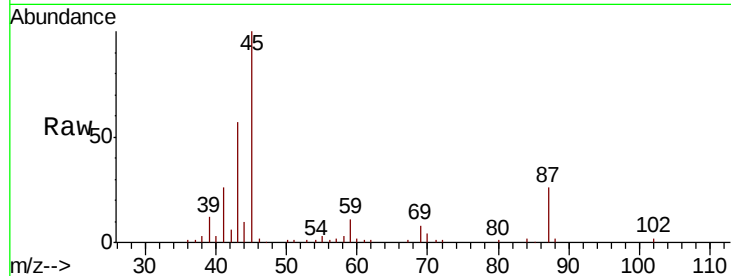
N48719

Tot Ion: 43 Resp: 23644

Ion Ratio Lower Upper

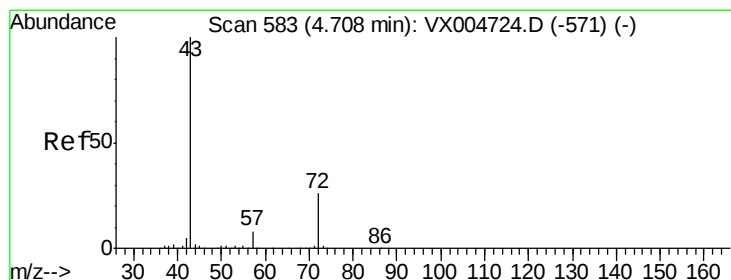
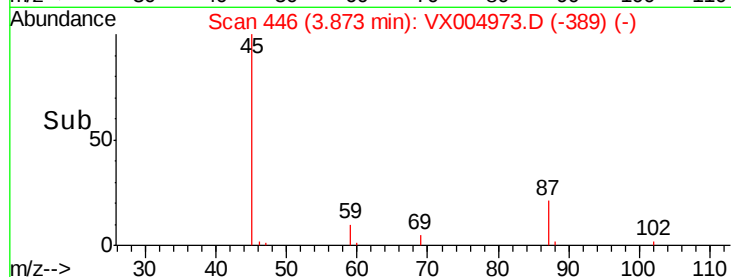
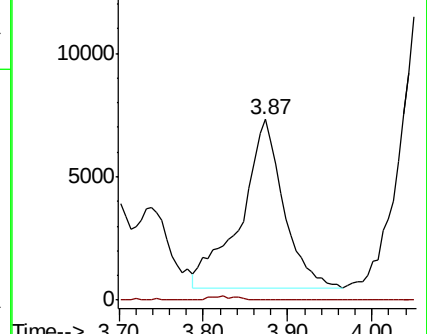
43 100

86 0.0 8.1 12.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#25

2-Butanone

Concen: 259.093 ug/l

RT: 4.54 min Scan# 555

Delta R.T. -0.17 min

Lab File: VX004973.D

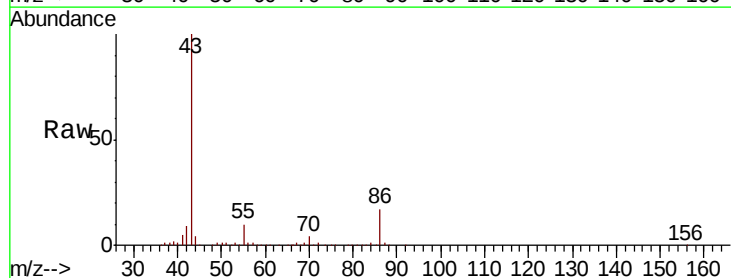
Acq: 03 Oct 2018 17:06

Tgt Ion: 43 Resp: 803971

Ion Ratio Lower Upper

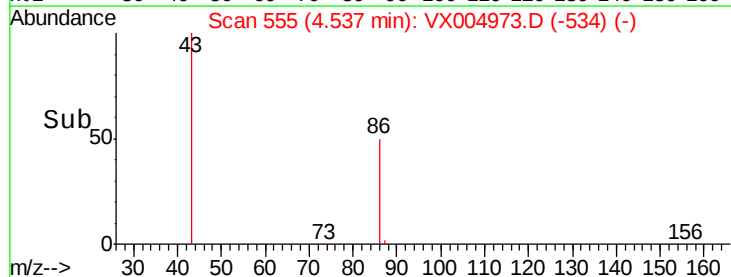
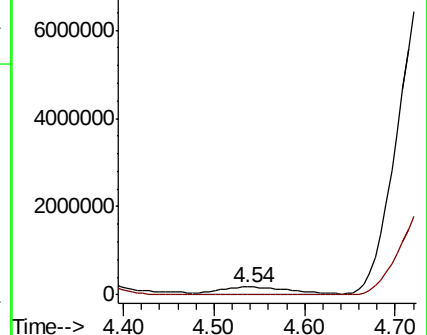
43 100

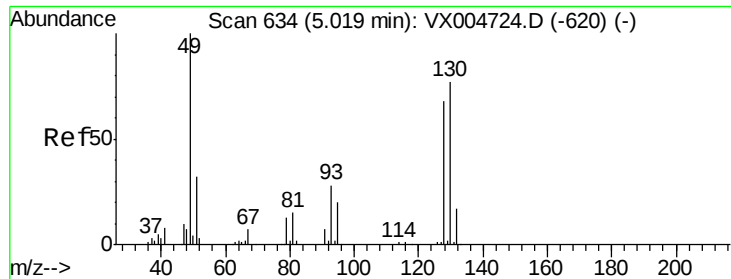
72 0.4 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

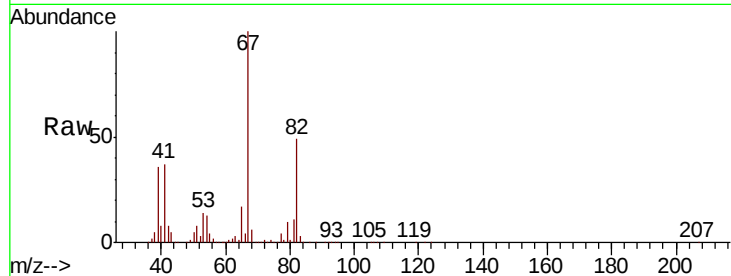




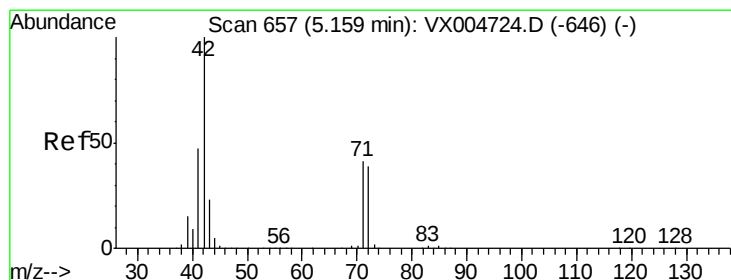
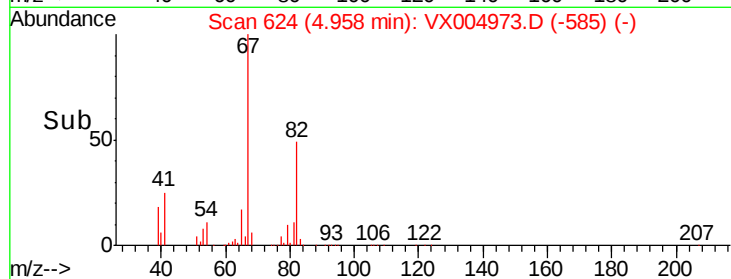
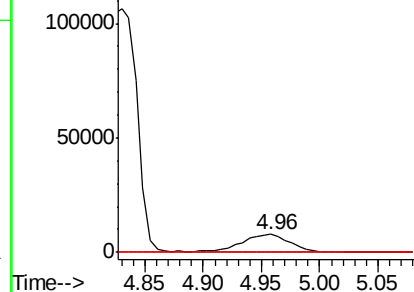
#28
Bromochloromethane
Concen: 7.734 ug/l
RT: 4.96 min Scan# 624
Delta R.T. -0.06 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Instrument :
MSVOA_X
ClientSampled :
N48719

Tot Ion: 49 Resp: 21832
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 62.0 93.0#

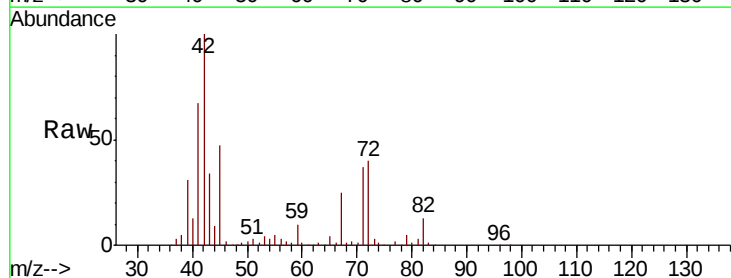


Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

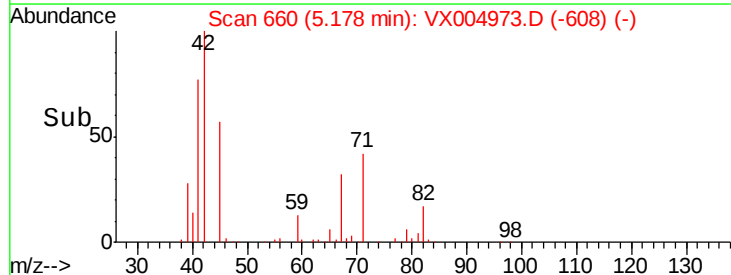
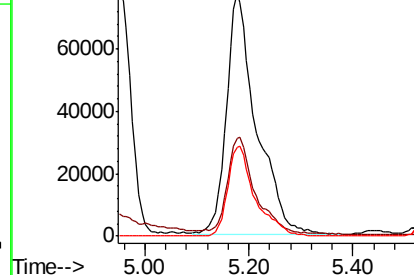


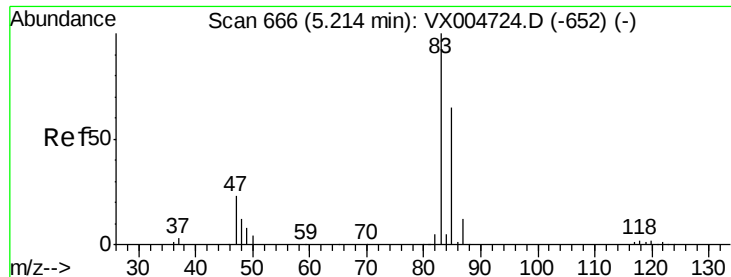
#29
Tetrahydrofuran
Concen: 161.385 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion: 42 Resp: 311252
Ion Ratio Lower Upper
42 100
72 38.0 33.7 50.5
71 33.6 32.2 48.4



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

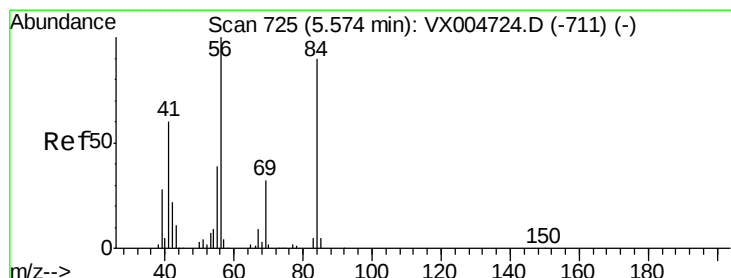
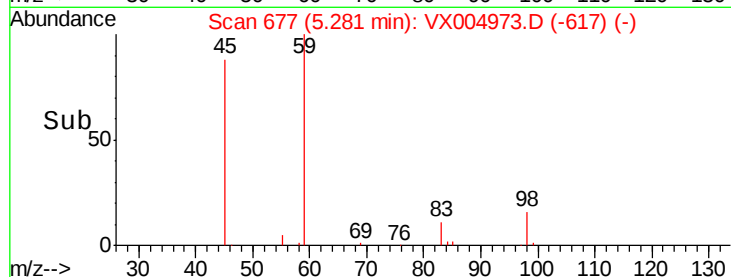
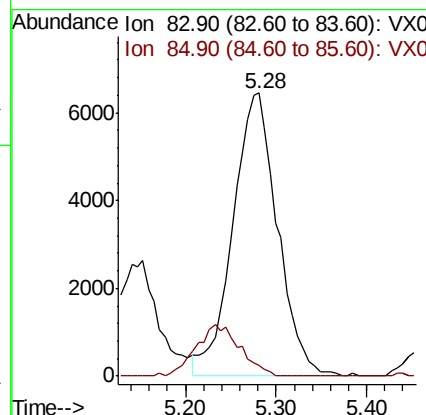
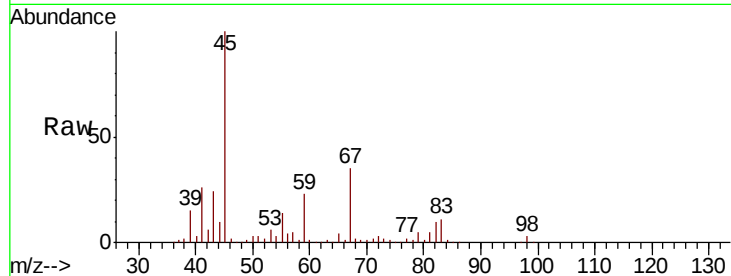




#30
Chloroform
Concen: 3.887 ug/l
RT: 5.28 min Scan# 677
Delta R.T. 0.07 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

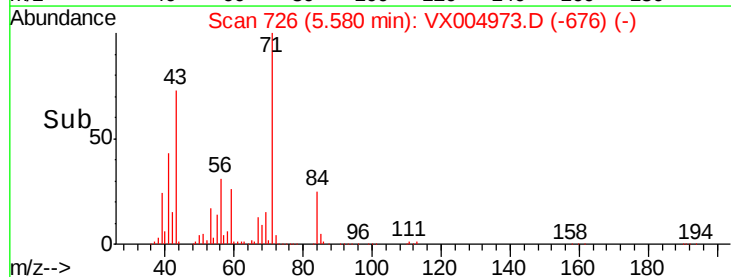
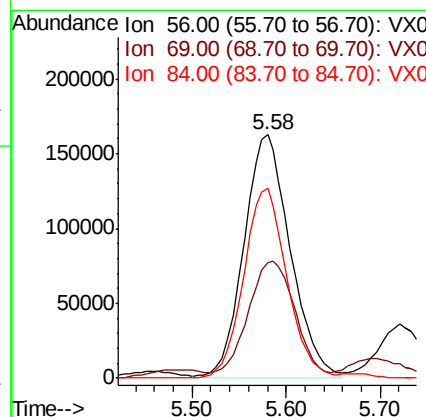
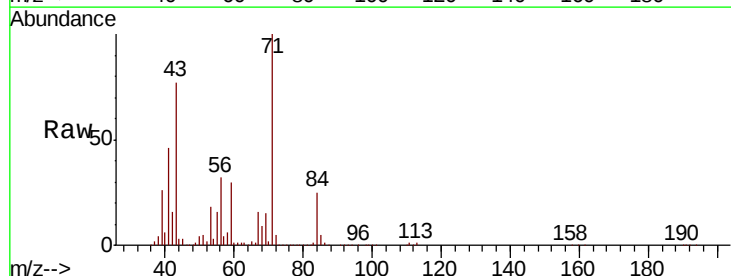
Instrument :
MSVOA_X
ClientSampled :
N48719

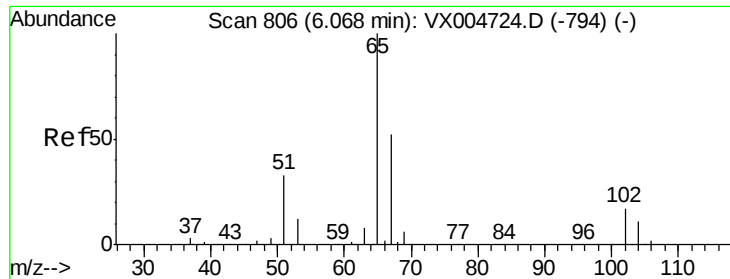
Tot Ion: 83 Resp: 22021
Ion Ratio Lower Upper
83 100
85 3.8 52.4 78.6#



#31
Cyclohexane
Concen: 122.036 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion: 56 Resp: 559884
Ion Ratio Lower Upper
56 100
69 45.0 25.9 38.9#
84 78.7 71.9 107.9





#33

1,2-Dichloroethane-d4

Concen: 47.878 ug/l

RT: 6.09 min Scan# 810

Delta R.T. 0.02 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

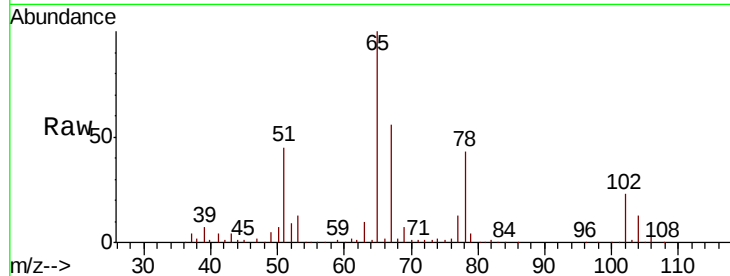
N48719

Tot Ion: 65 Resp: 172636

Ion Ratio Lower Upper

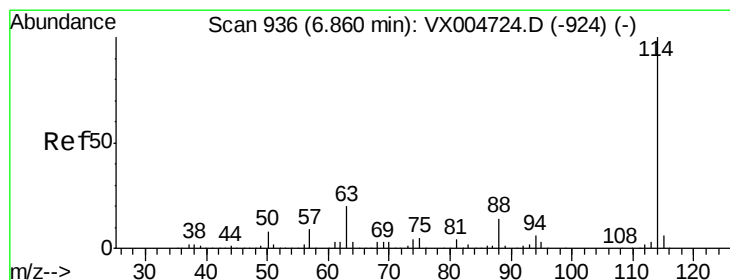
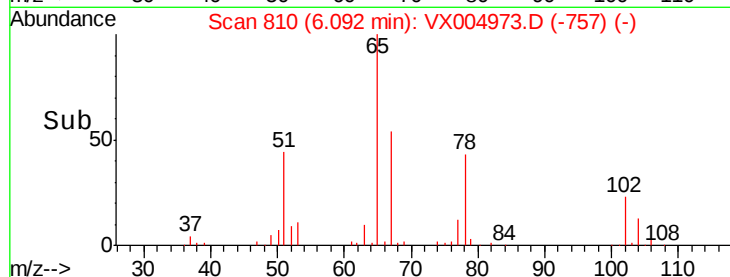
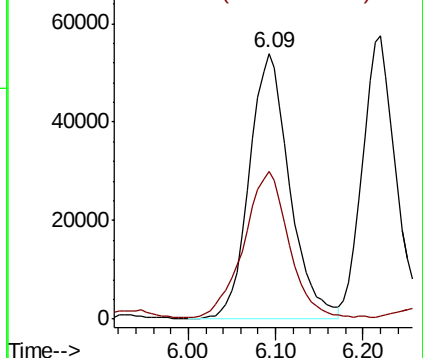
65 100

67 61.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.88 min Scan# 939

Delta R.T. 0.02 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

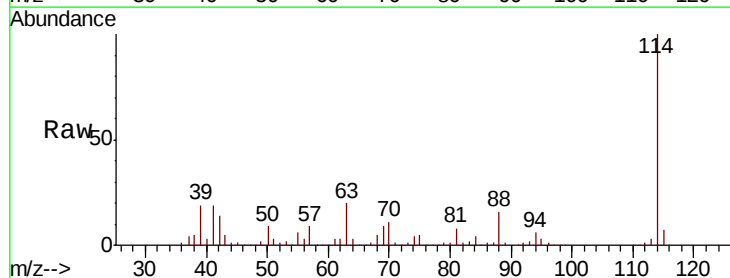
Tgt Ion: 114 Resp: 401075

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

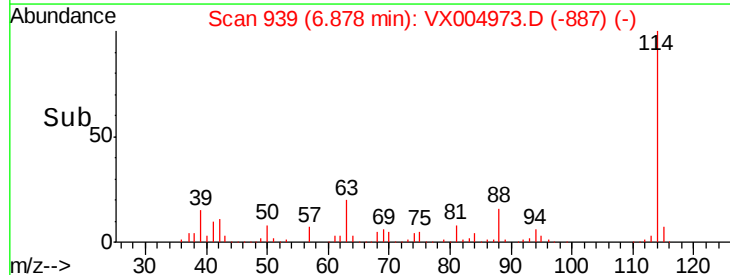
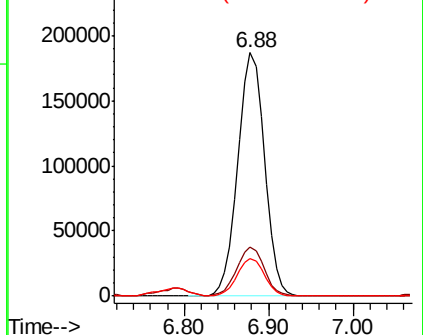
88 15.6 0.0 27.0

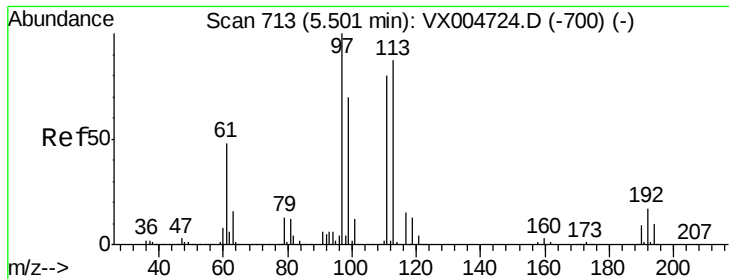


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 41.631 ug/l

RT: 5.53 min Scan# 717

Delta R.T. 0.02 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

N48719

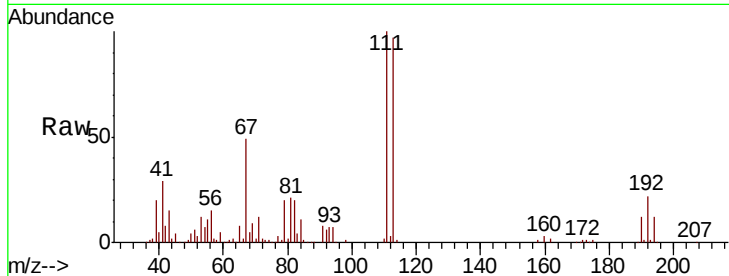
Tot Ion:113 Resp: 141510

Ion Ratio Lower Upper

113 100

111 101.8 77.0 115.4

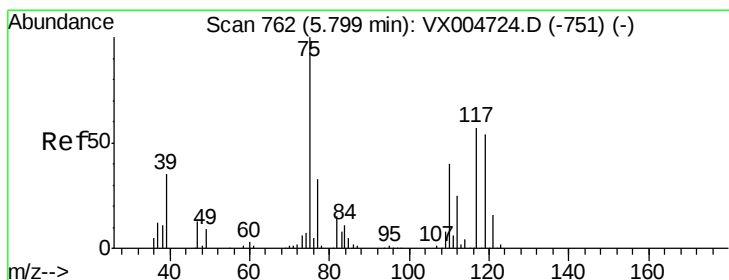
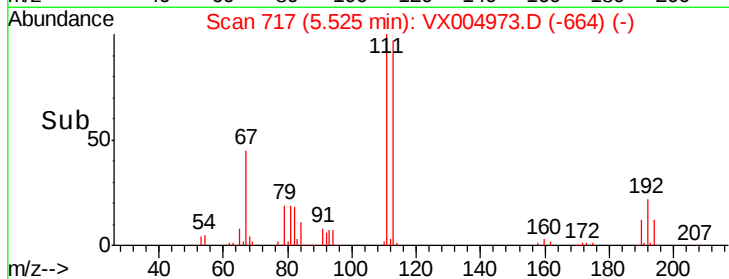
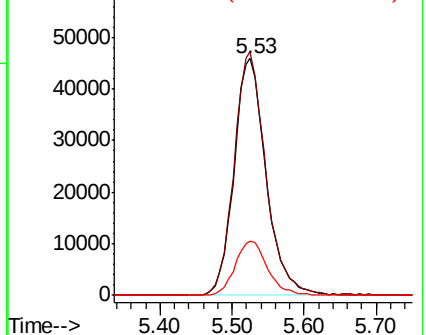
192 23.3 17.0 25.6



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: 3.647 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.13 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

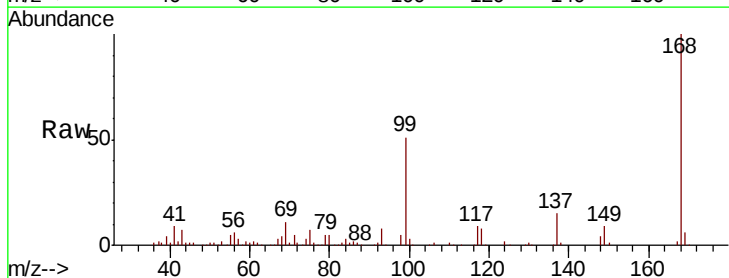
Tgt Ion: 75 Resp: 16916

Ion Ratio Lower Upper

75 100

110 9.7 20.0 59.9#

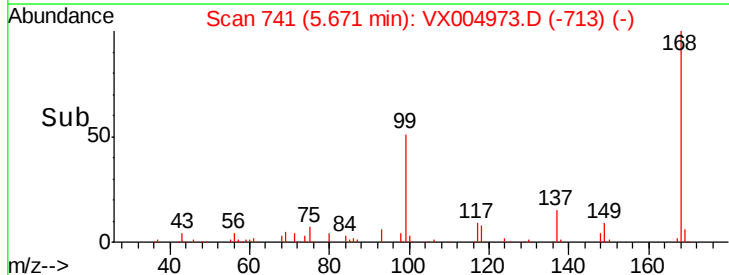
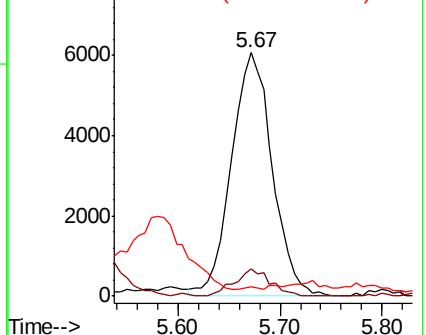
77 0.0 27.1 40.7#

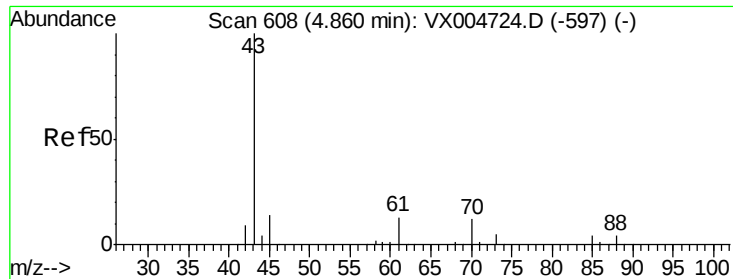


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 176.428 ug/l

RT: 4.91 min Scan# 616

Delta R.T. 0.05 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampled :

N48719

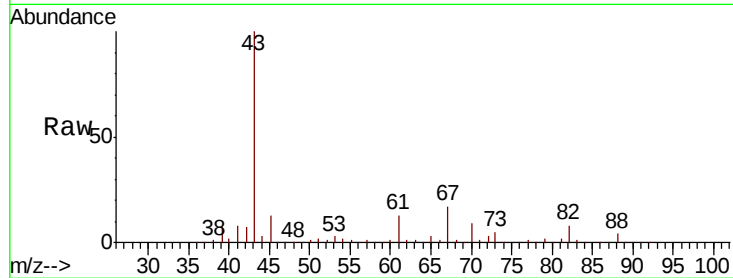
Tot Ion: 43 Resp: 1086116

Ion Ratio Lower Upper

43 100

61 13.4 10.4 15.6

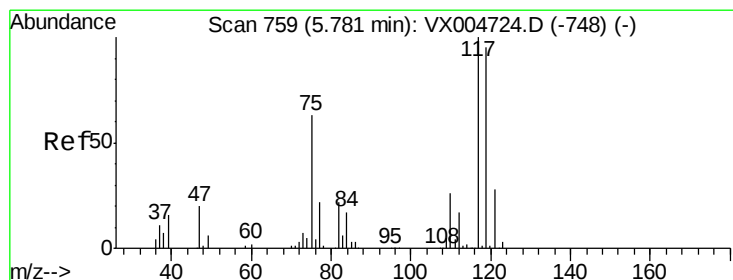
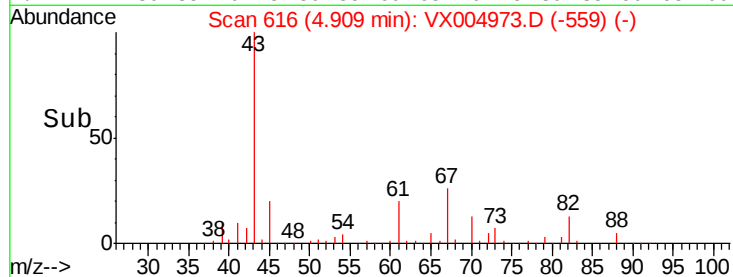
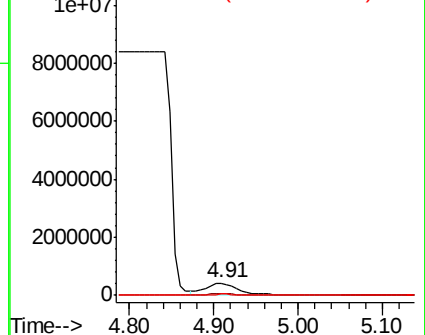
70 8.1 8.7 13.1#



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: 4.639 ug/l

RT: 5.68 min Scan# 742

Delta R.T. -0.10 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

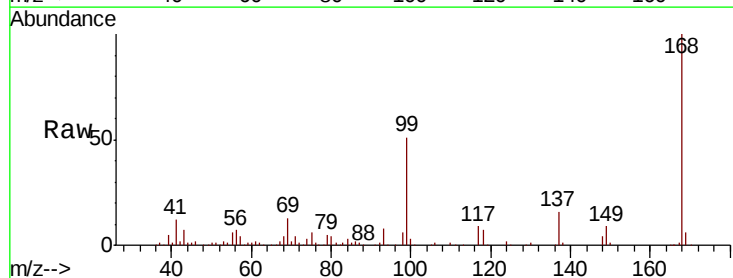
Tgt Ion: 117 Resp: 22617

Ion Ratio Lower Upper

117 100

119 3.8 75.2 112.8#

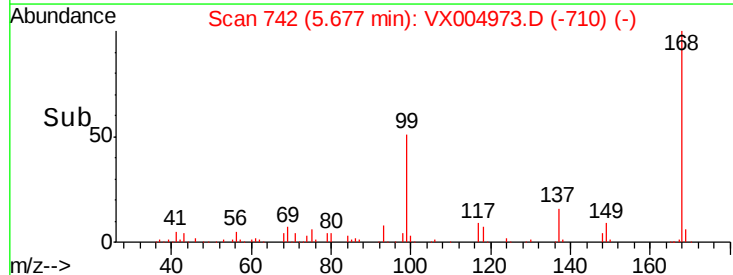
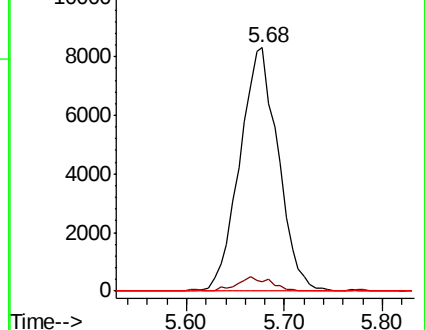
121 0.0 22.5 33.7#

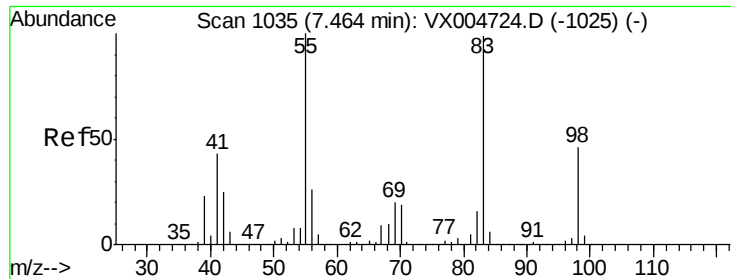


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

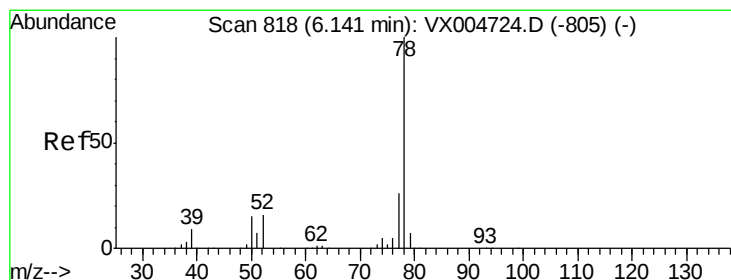
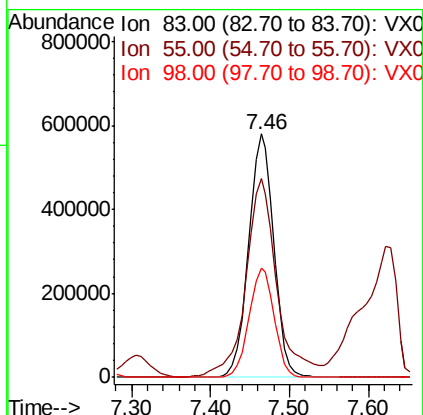
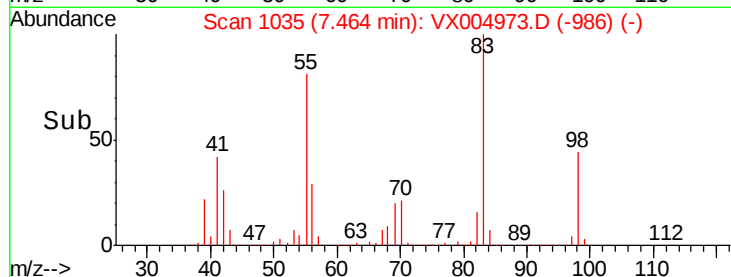
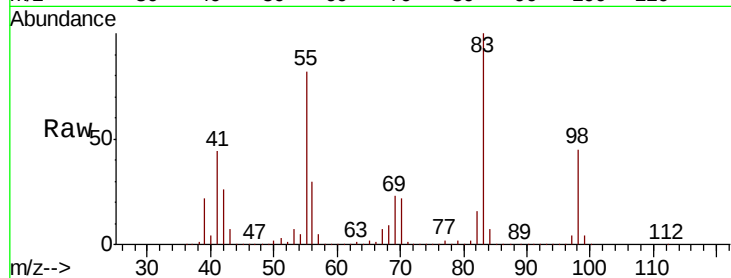




#39
Methylvlcyclohexane
Concen: 270.473 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

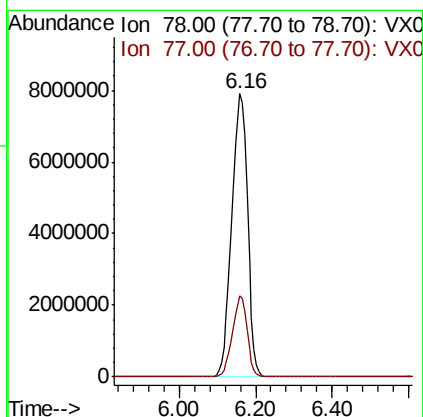
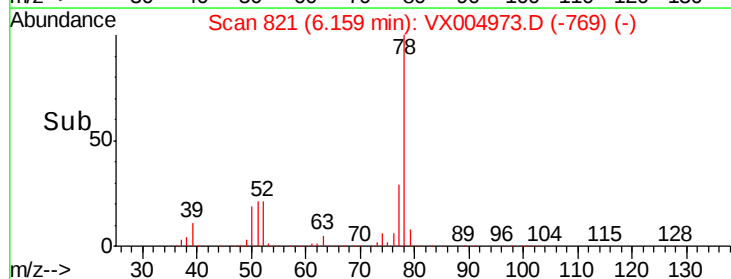
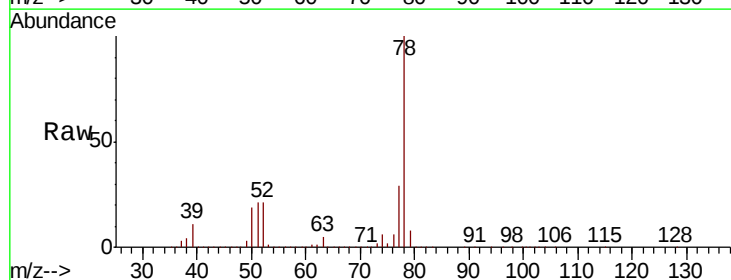
Instrument :
MSVOA_X
ClientSampleId :
N48719

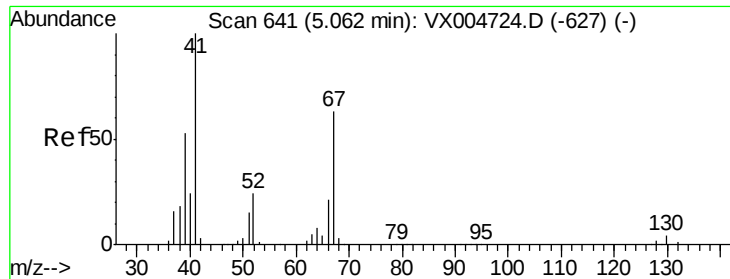
Tot Ion: 83 Resp: 1280857
Ion Ratio Lower Upper
83 100
55 81.1 81.1 121.7#
98 44.8 37.3 55.9



#40
Benzene
Concen: 1576.285 ug/l
RT: 6.16 min Scan# 821
Delta R.T. 0.02 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion: 78 Resp: 22886458
Ion Ratio Lower Upper
78 100
77 28.6 21.0 31.4

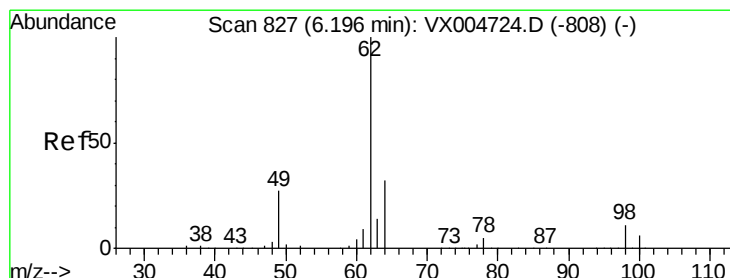
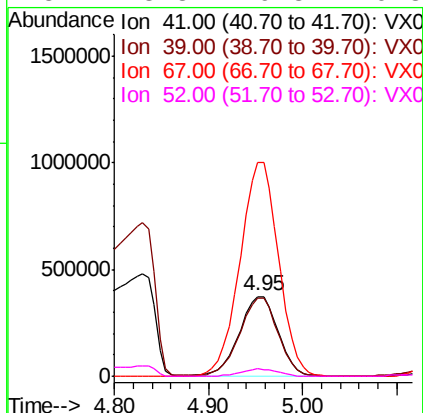
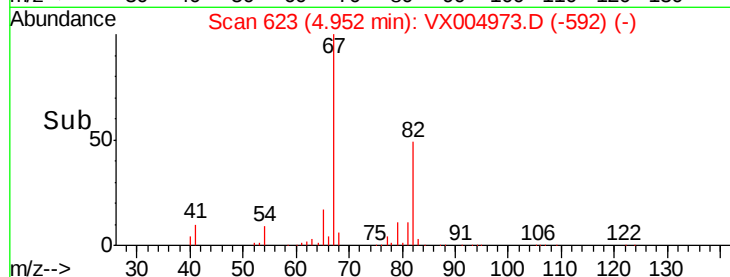
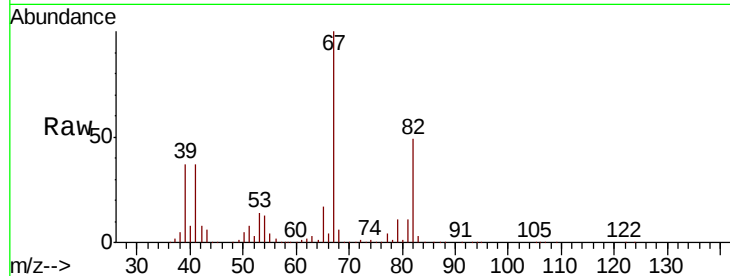




#41
Methacrylonitrile
Concen: 315.141 ug/l
RT: 4.95 min Scan# 623
Delta R.T. -0.11 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

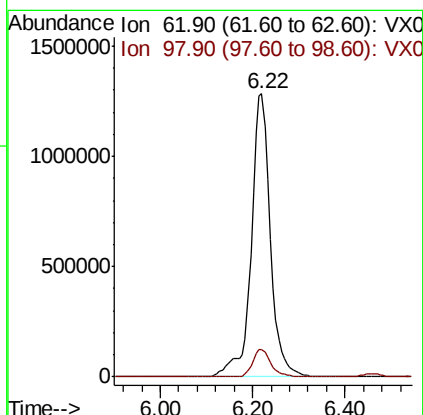
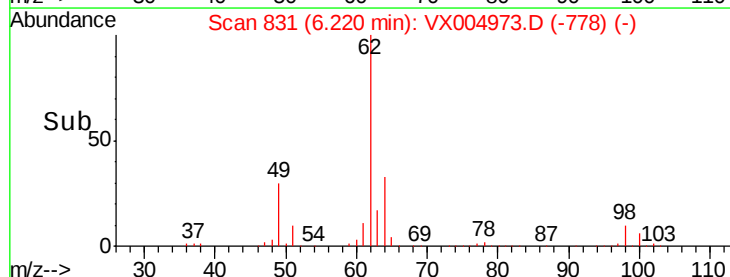
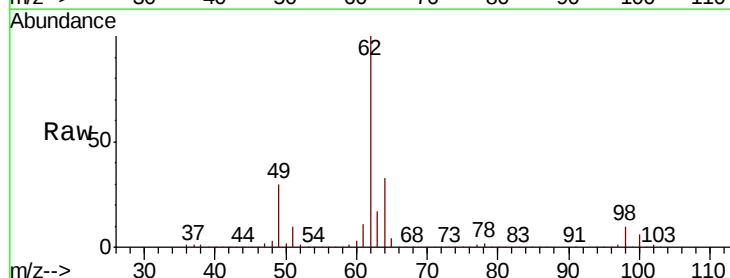
Instrument :
MSVOA_X
ClientSampled :
N48719

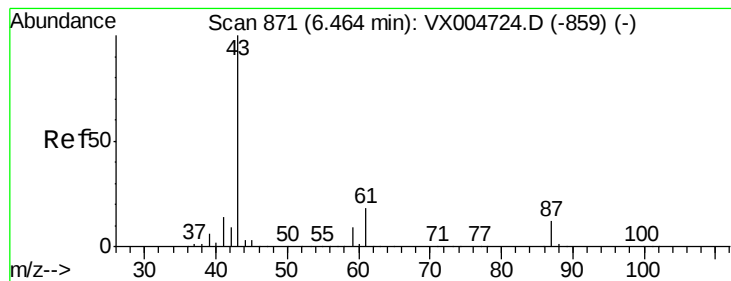
Tot Ion: 41 Resp: 1075904
Ion Ratio Lower Upper
41 100
39 97.4 42.5 63.7#
67 267.0 53.0 79.6#
52 8.8 19.8 29.8#



#42
1,2-Dichloroethane
Concen: 716.502 ug/l
RT: 6.22 min Scan# 831
Delta R.T. 0.02 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion: 62 Resp: 3677599
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.2





#43

Isopropyl Acetate

Concen: 82.556 ug/l

RT: 6.48 min Scan# 874

Delta R.T. 0.02 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

N48719

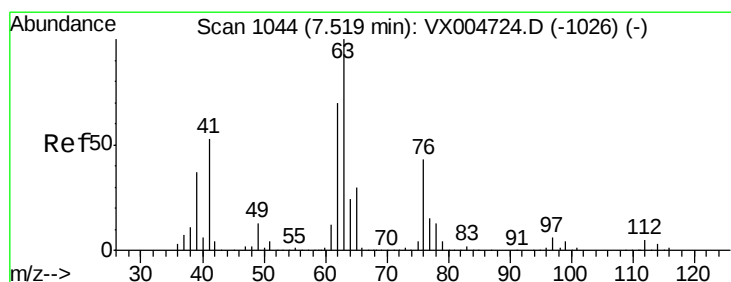
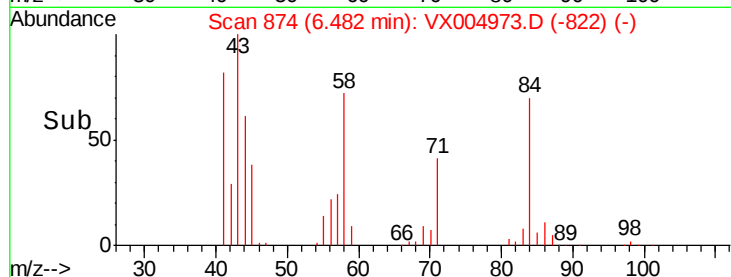
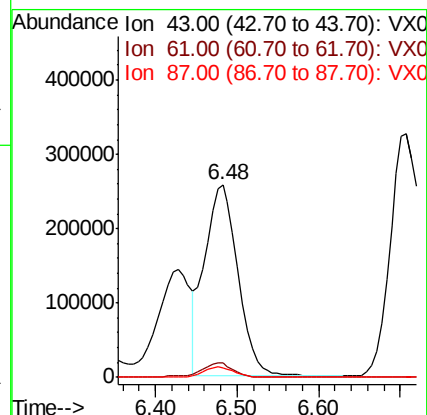
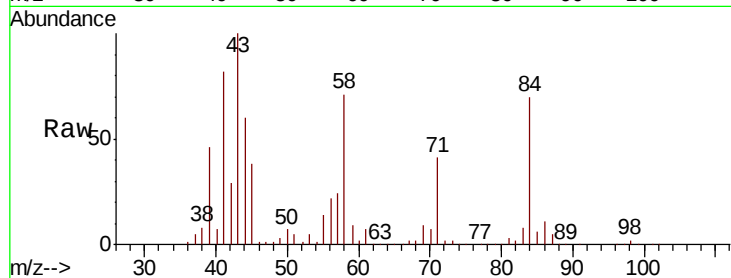
Tot Ion: 43 Resp: 733542

Ion Ratio Lower Upper

43 100

61 7.5 14.2 21.4#

87 5.1 9.3 13.9#



#45

1,2-Dichloropropane

Concen: 2.730 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.05 min

Lab File: VX004973.D

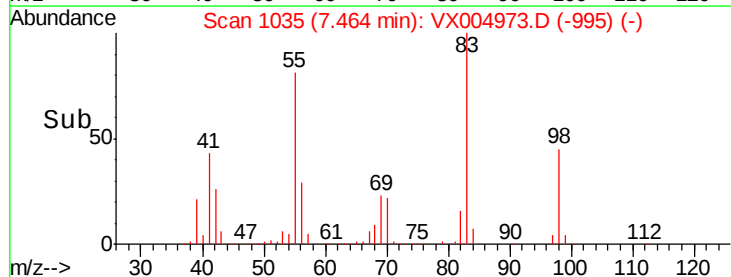
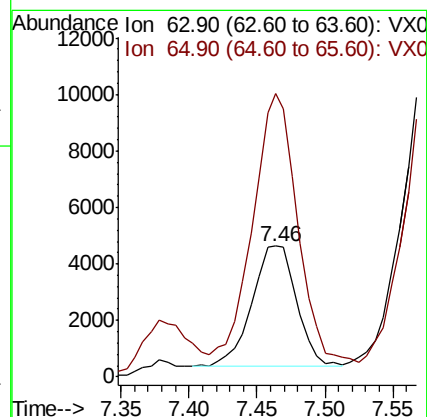
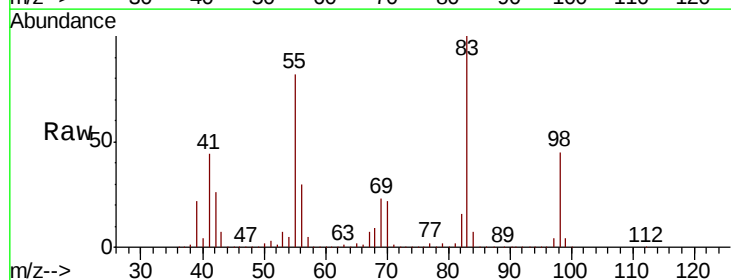
Acq: 03 Oct 2018 17:06

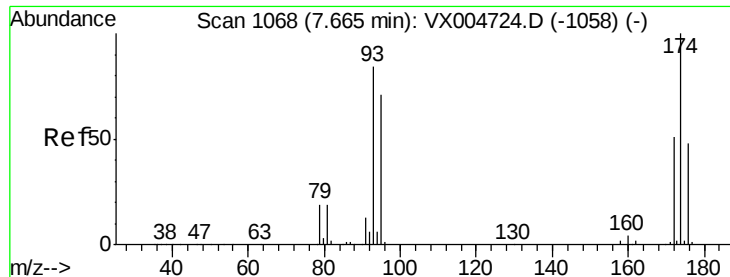
Tgt Ion: 63 Resp: 9722

Ion Ratio Lower Upper

63 100

65 220.0 23.9 35.9#





#46

Dibromomethane

Concen: 30.507 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. 0.06 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

N48719

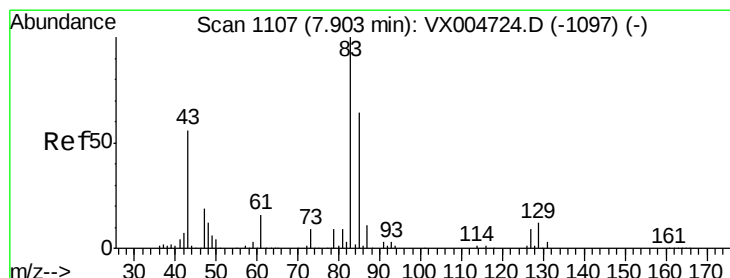
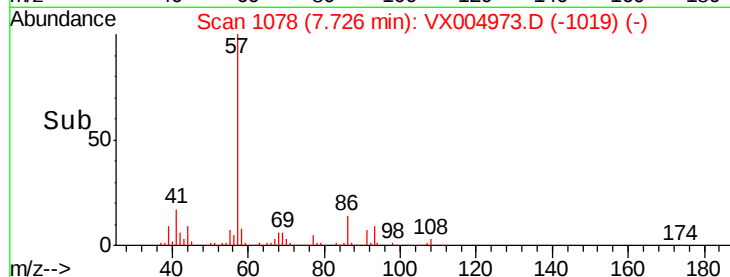
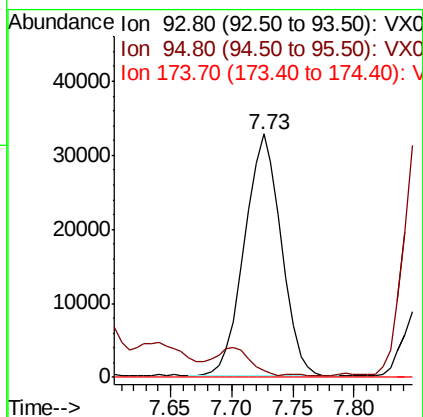
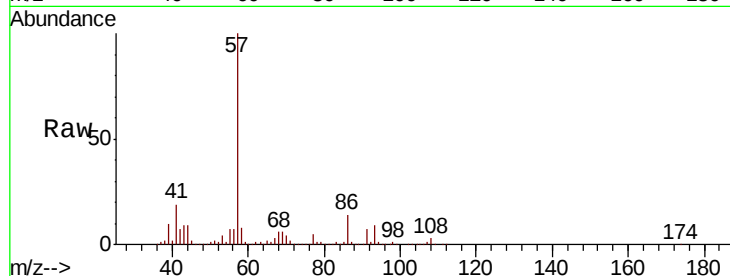
Tot Ion: 93 Resp: 68265

Ion Ratio Lower Upper

93 100

95 0.0 66.7 100.1#

174 0.2 92.7 139.1#



#47

Bromodichloromethane

Concen: 16.841 ug/l

RT: 7.99 min Scan# 1121

Delta R.T. 0.09 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

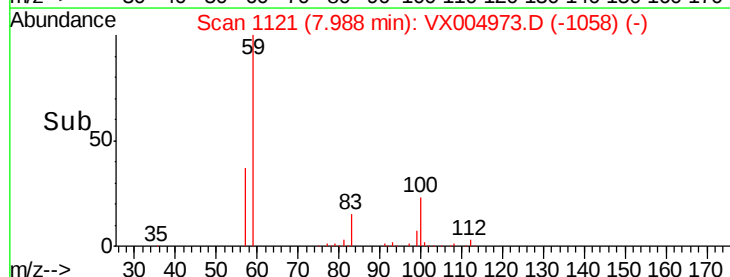
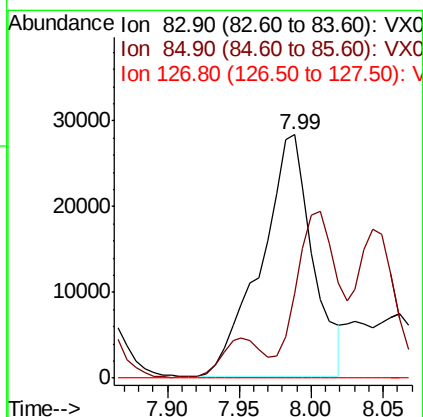
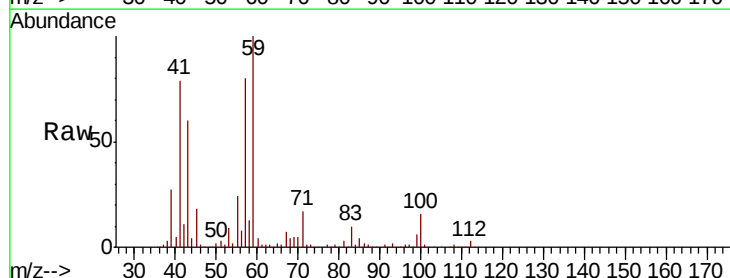
Tgt Ion: 83 Resp: 70558

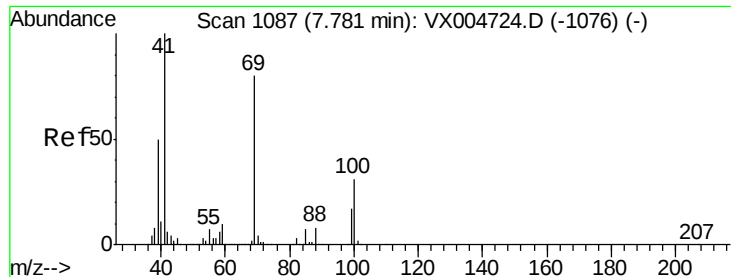
Ion Ratio Lower Upper

83 100

85 34.4 51.2 76.8#

127 0.0 7.0 10.6#

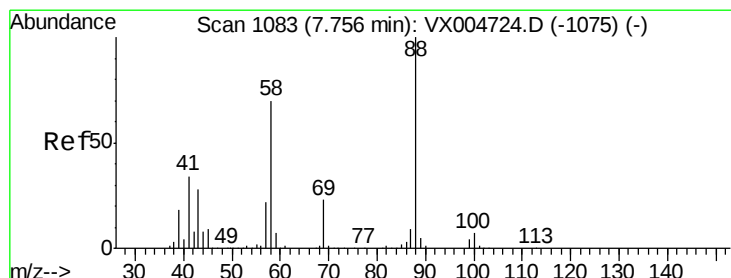
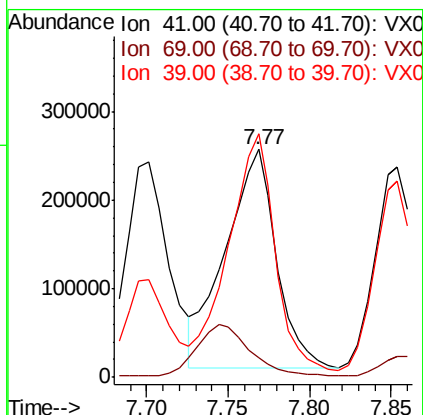
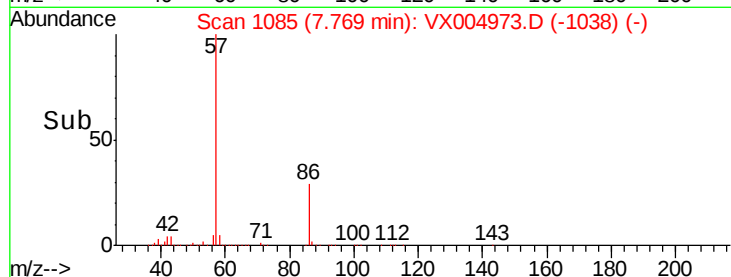
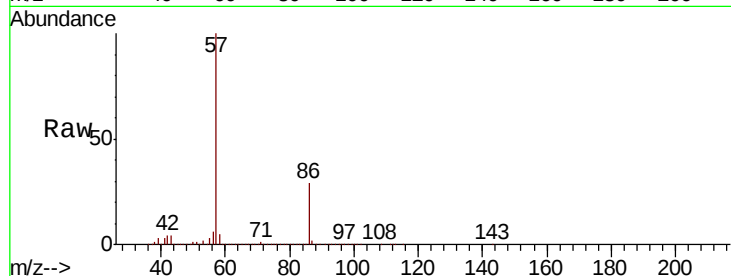




#48
Methvl methacrylate
Concen: 133.312 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

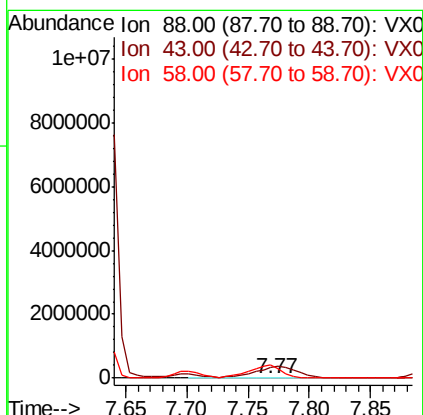
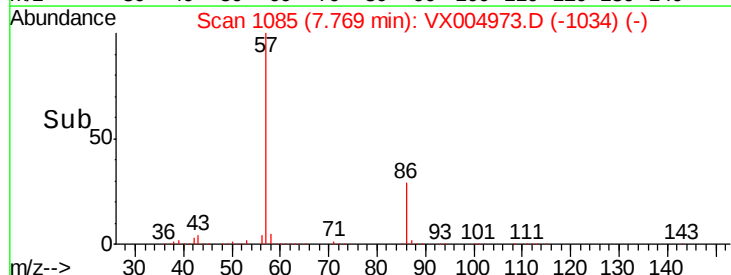
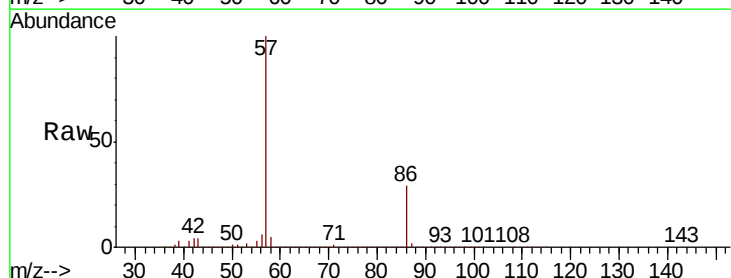
Instrument :
MSVOA_X
ClientSampleId :
N48719

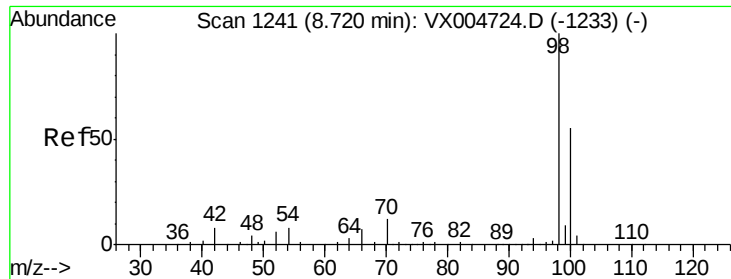
Tot Ion: 41 Resp: 537645
Ion Ratio Lower Upper
41 100
69 0.0 63.8 95.6#
39 97.2 40.7 61.1#



#49
1,4-Dioxane
Concen: 151.136 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion: 88 Resp: 15143
Ion Ratio Lower Upper
88 100
43 5605.1 25.1 37.7#
58 4876.2 56.2 84.2#

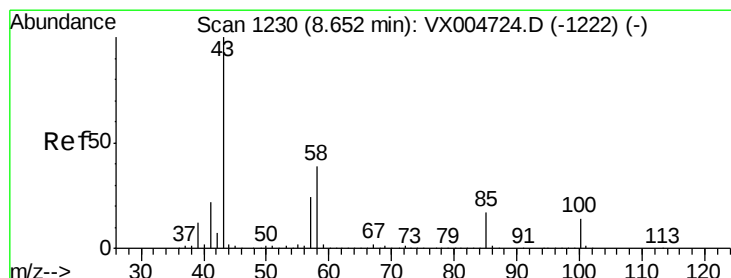
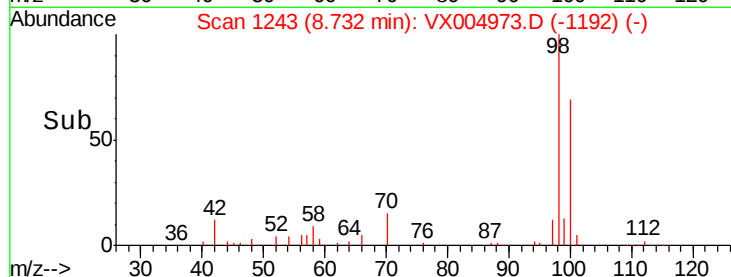
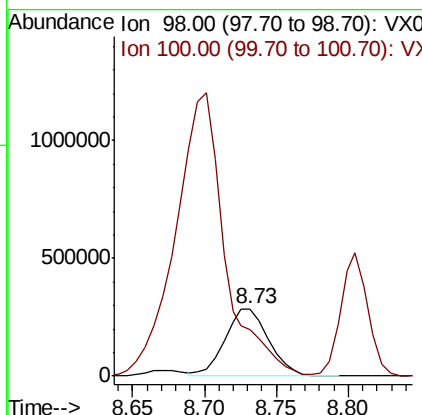
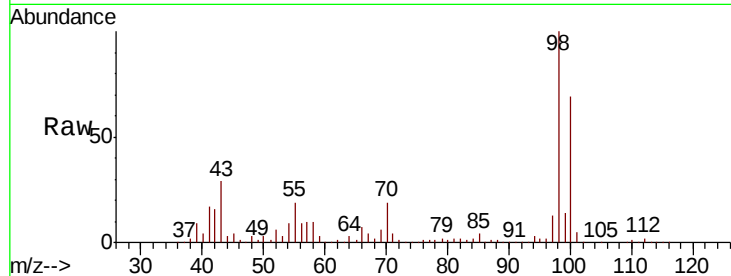




#50
Toluene-d8
Concen: 53.498 ug/l
RT: 8.73 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

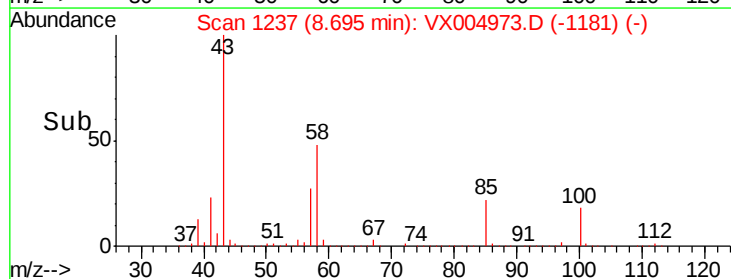
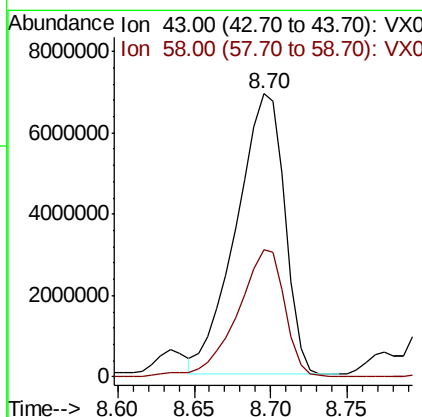
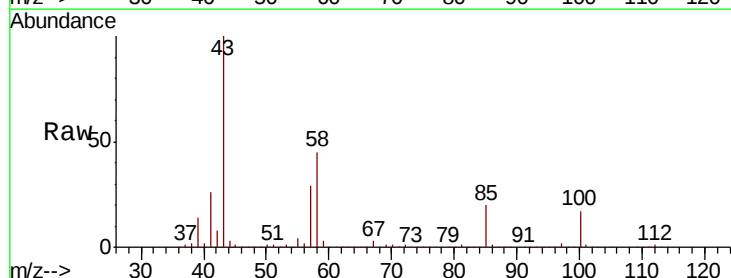
Instrument :
MSVOA_X
ClientSampleId :
N48719

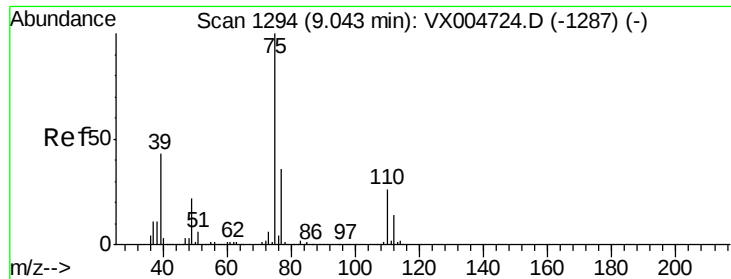
Tot Ion: 98 Resp: 604556
Ion Ratio Lower Upper
98 100
100 0.0 51.9 77.9#



#51
4-Methyl-2-Pentanone
Concen: 2702.683 ug/l
RT: 8.70 min Scan# 1237
Delta R.T. 0.04 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion: 43 Resp:15120629
Ion Ratio Lower Upper
43 100
58 44.7 30.5 45.7





#53

t-1,3-Dichloropropene

Concen: 134.221 ug/l

RT: 8.82 min Scan# 1258

Delta R.T. -0.22 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampled :

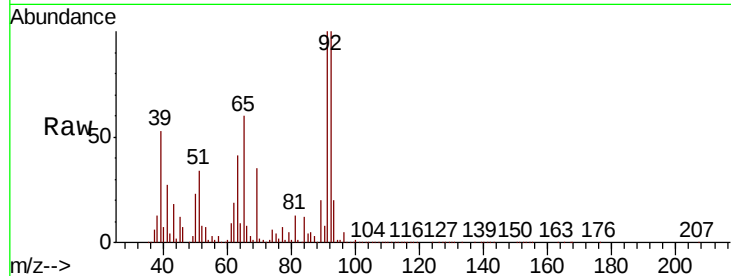
N48719

Tot Ion: 75 Resp: 635450

Ion Ratio Lower Upper

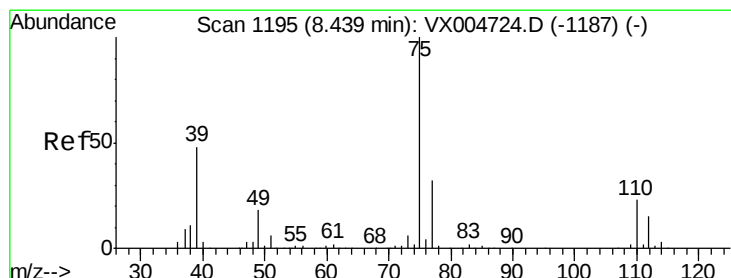
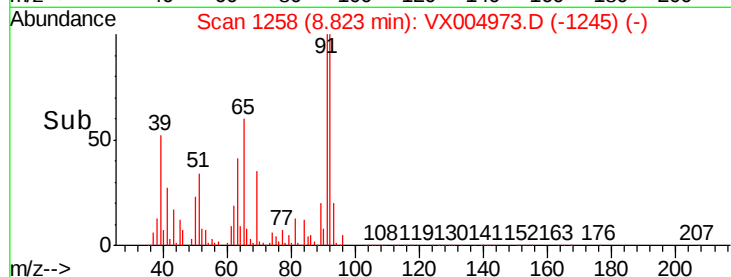
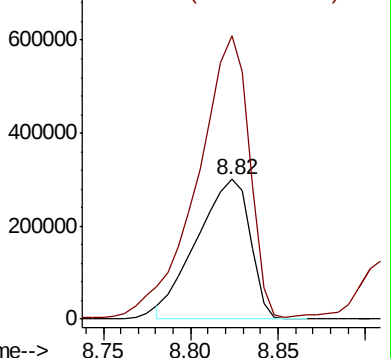
75 100

77 199.9 28.9 43.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 0.597 ug/l

RT: 8.50 min Scan# 1205

Delta R.T. 0.06 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

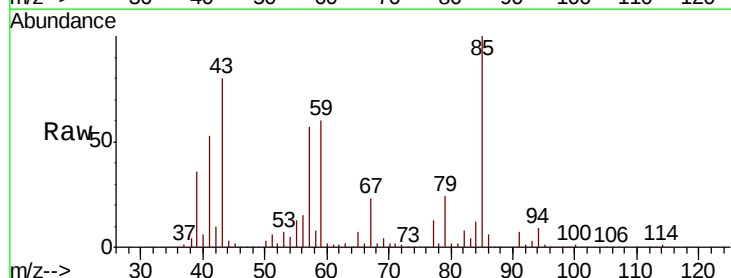
Tgt Ion: 75 Resp: 2958

Ion Ratio Lower Upper

75 100

77 7350.8 25.7 38.5#

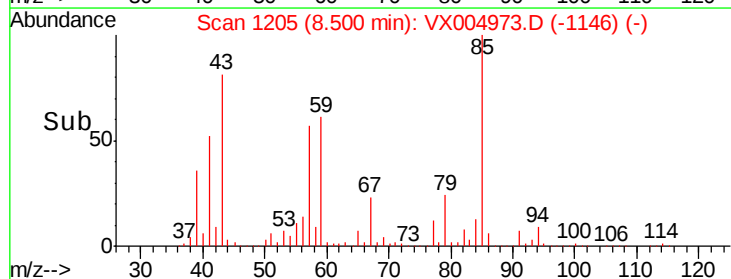
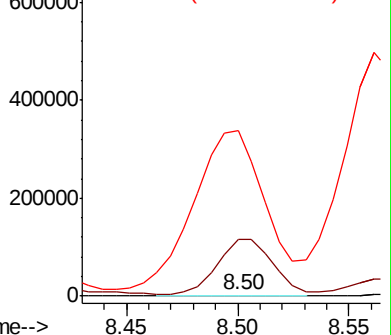
39 18703.3 38.3 57.5#

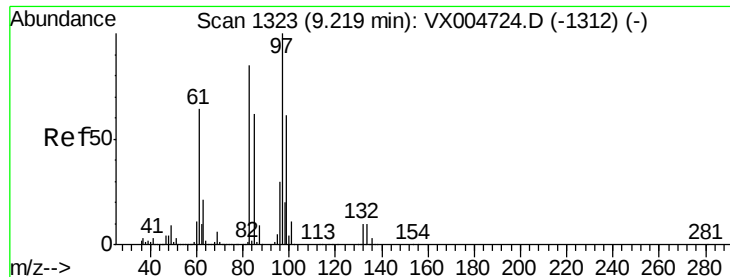


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 71.335 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.05 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

N48719

Tot Ion: 97 Resp: 249294

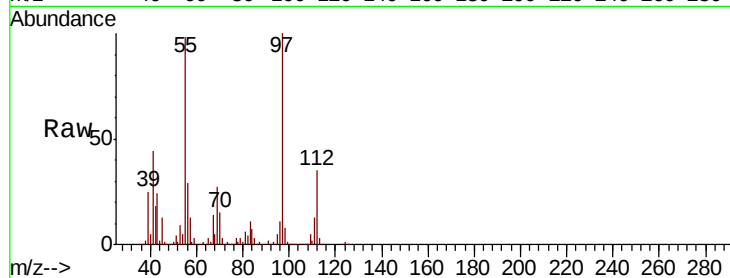
Ion Ratio Lower Upper

97 100

83 3.9 68.2 102.2#

85 2.6 49.9 74.9#

99 0.4 48.9 73.3#



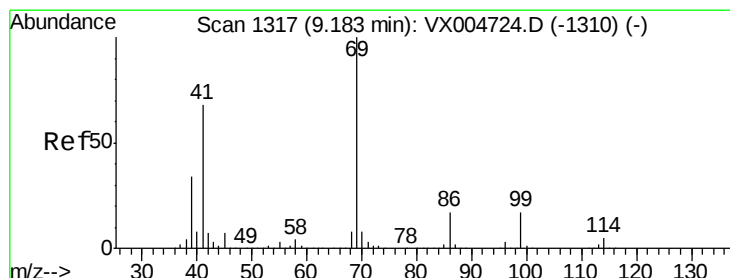
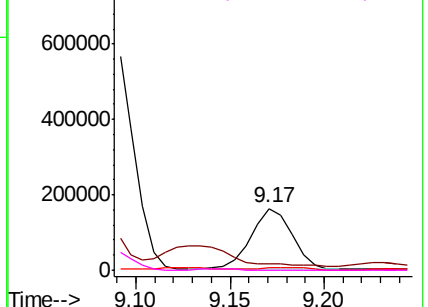
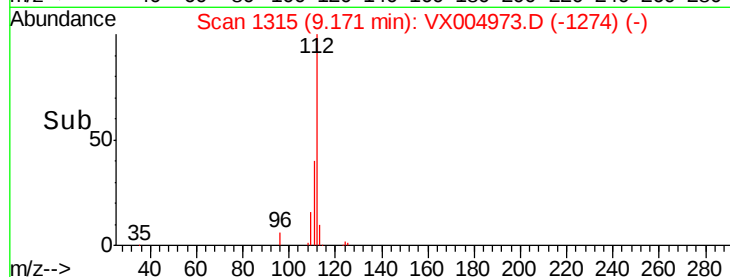
Abundance

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: 12.578 ug/l

RT: 9.21 min Scan# 1321

Delta R.T. 0.02 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

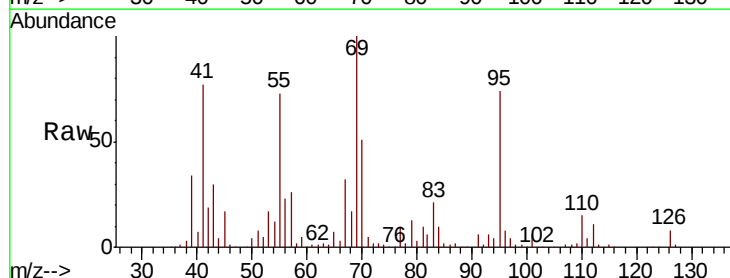
Tgt Ion: 69 Resp: 58443

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

39 78.0 28.4 42.6#

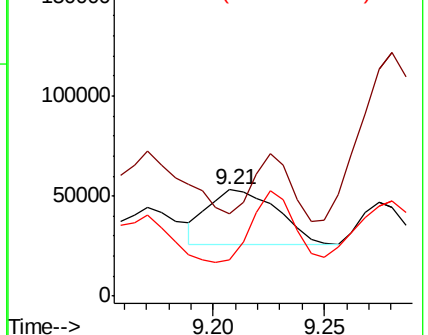
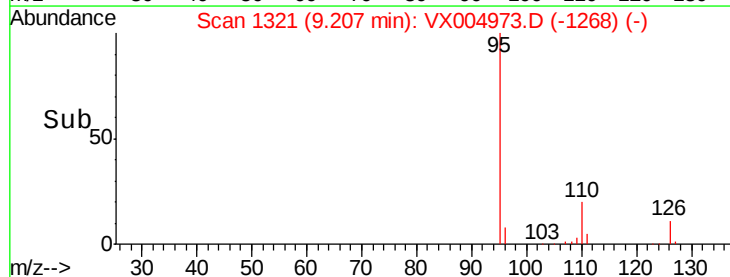


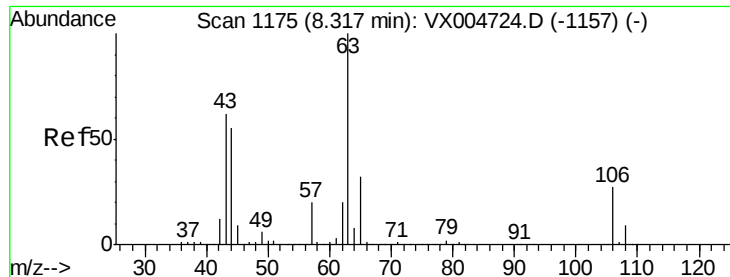
Abundance

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





#58

2-Chloroethyl Vinyl ether

Concen: 30.257 ug/l

RT: 8.38 min Scan# 1186

Delta R.T. 0.07 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampled :

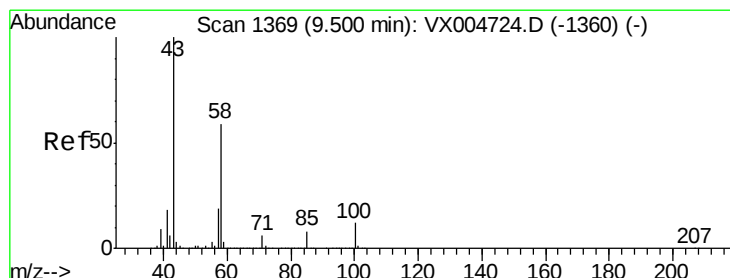
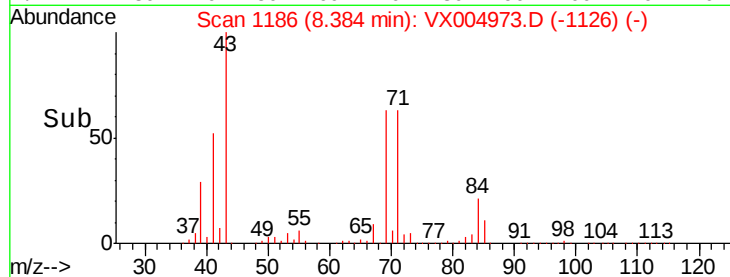
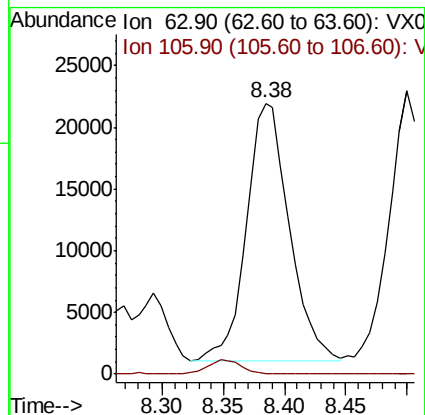
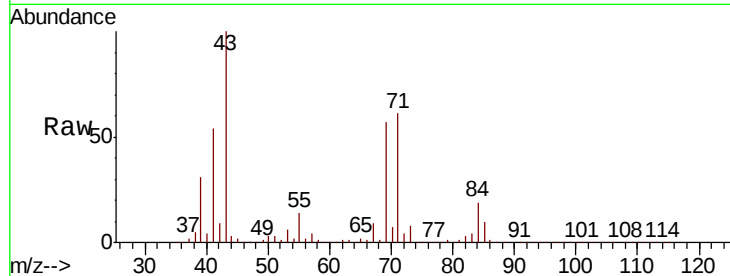
N48719

Tot Ion: 63 Resp: 51136

Ion Ratio Lower Upper

63 100

106 0.0 21.0 31.6#



#59

2-Hexanone

Concen: 4592.753 ug/l

RT: 9.52 min Scan# 1372

Delta R.T. 0.02 min

Lab File: VX004973.D

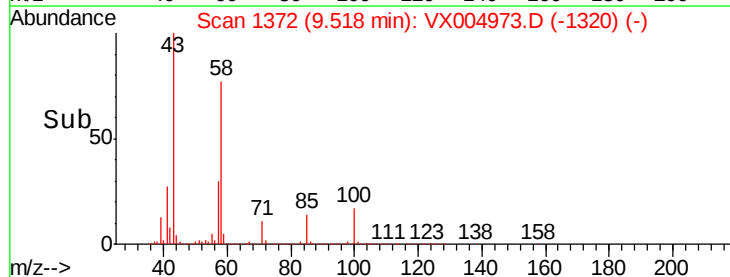
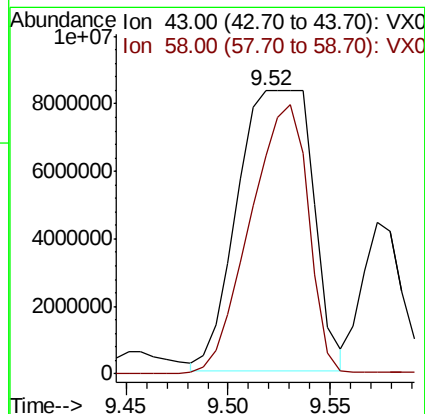
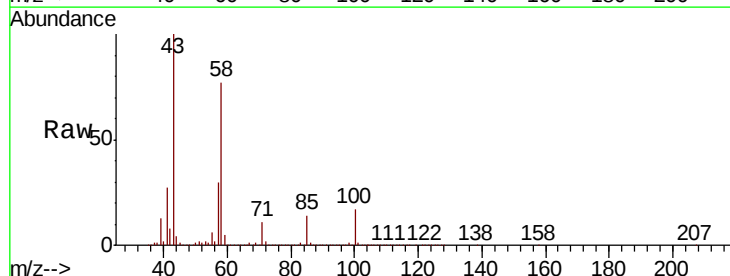
Acq: 03 Oct 2018 17:06

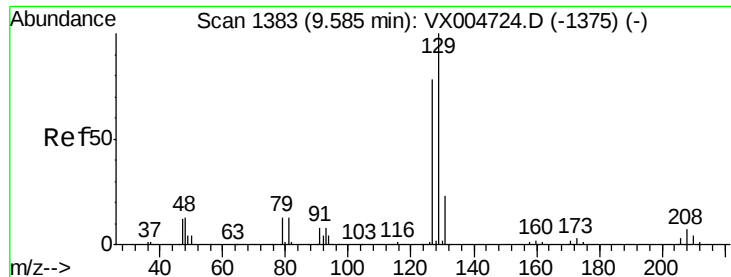
Tgt Ion: 43 Resp: 21412077

Ion Ratio Lower Upper

43 100

58 74.3 28.4 85.3

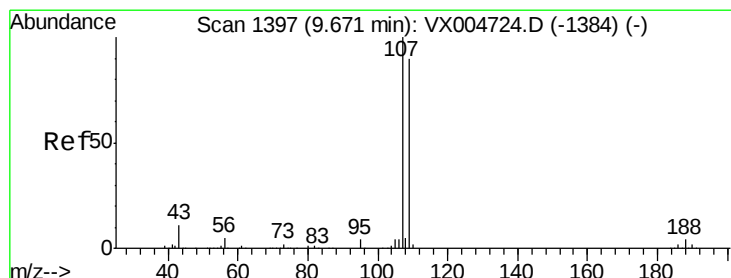
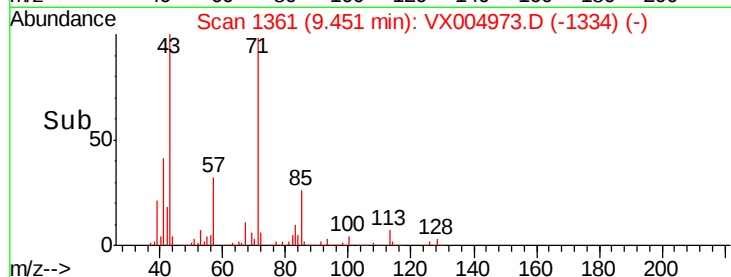
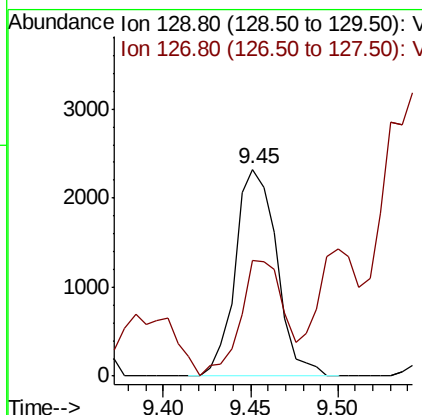
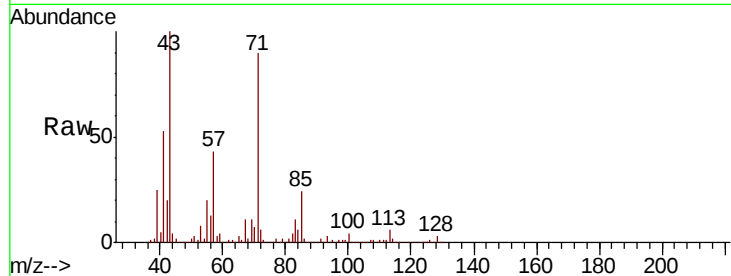




#60
 Dibromochloromethane
 Concen: 1.099 ug/l
 RT: 9.45 min Scan# 1361
 Delta R.T. -0.13 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

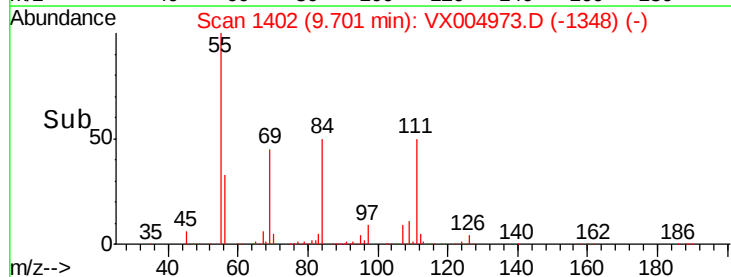
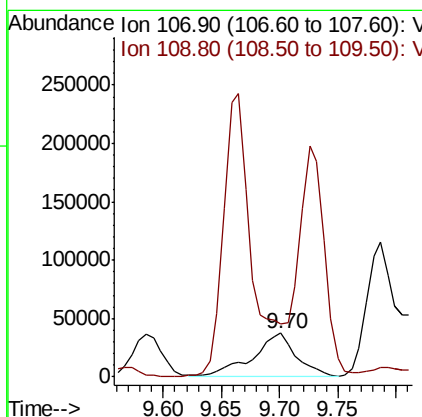
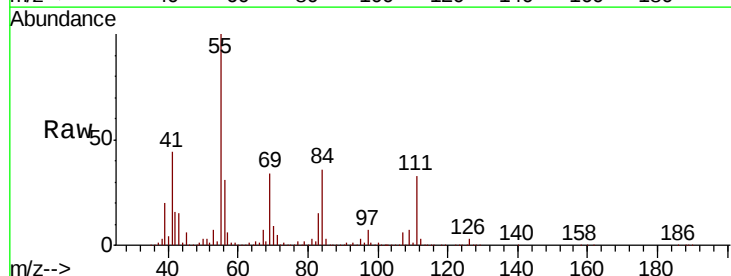
Instrument :
 MSVOA_X
 ClientSampled :
 N48719

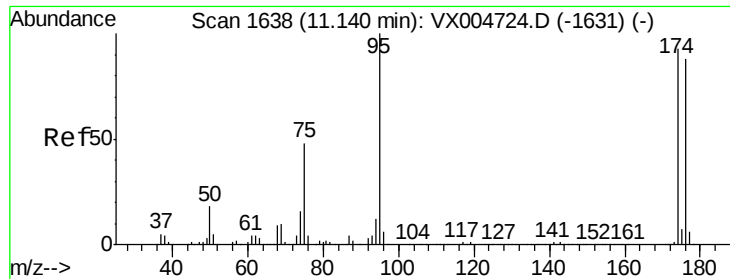
Tot Ion:129 Resp: 3841
 Ion Ratio Lower Upper
 129 100
 127 58.3 39.1 117.2



#61
 1,2-Dibromoethane
 Concen: 25.144 ug/l
 RT: 9.70 min Scan# 1402
 Delta R.T. 0.03 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

Tgt Ion:107 Resp: 94104
 Ion Ratio Lower Upper
 107 100
 109 0.0 72.1 108.1#

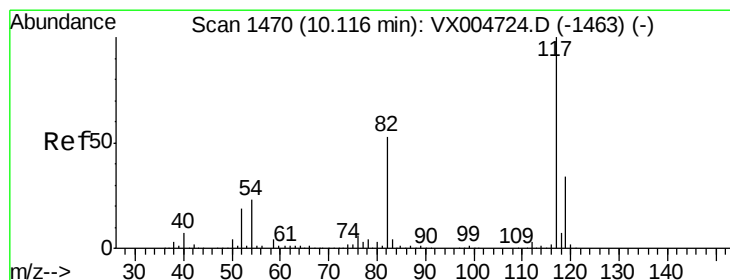
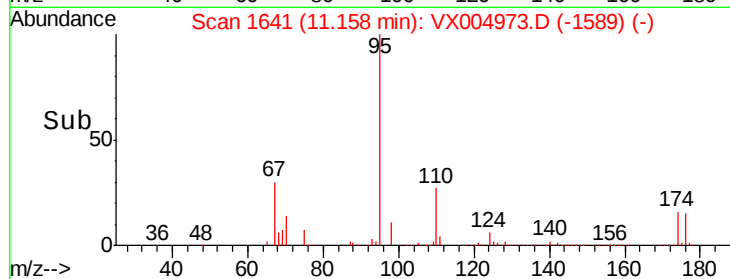
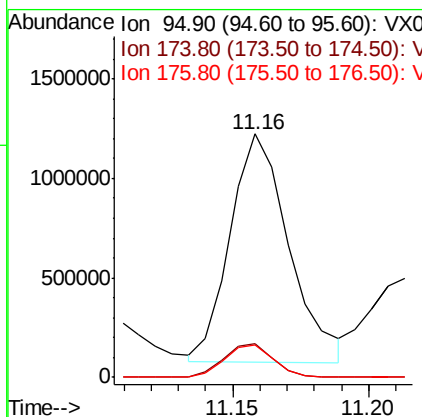
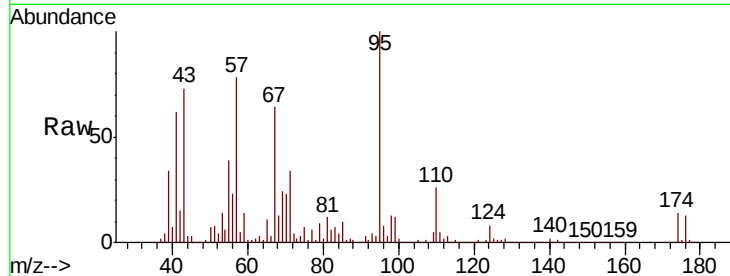




#62
4-Bromofluorobenzene
Concen: 422.363 ug/l
RT: 11.16 min Scan# 1641
Delta R.T. 0.02 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

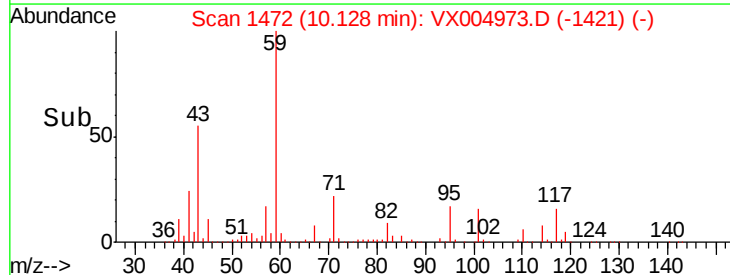
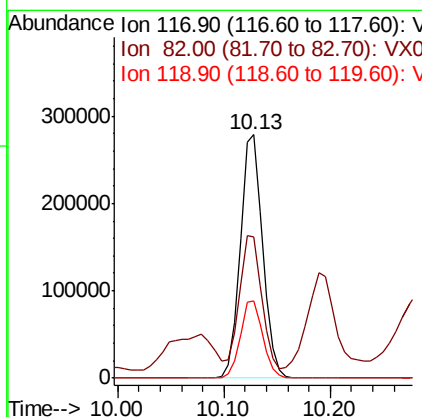
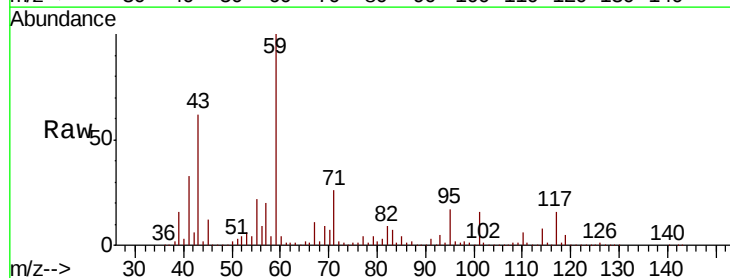
Instrument :
MSVOA_X
ClientSampleId :
N48719

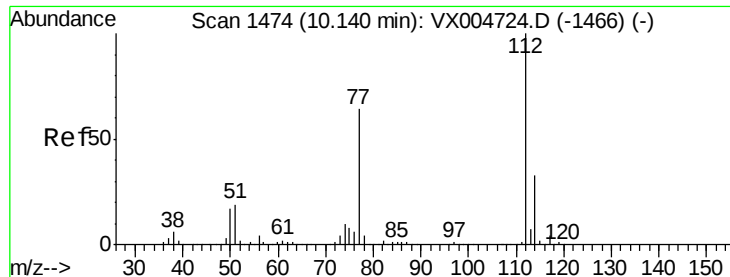
Tot Ion: 95 Resp: 1719469
Ion Ratio Lower Upper
95 100
174 12.6 0.0 185.0
176 12.1 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.13 min Scan# 1472
Delta R.T. 0.01 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion: 117 Resp: 411057
Ion Ratio Lower Upper
117 100
82 41.9 42.2 63.4#
119 31.8 27.4 41.0





#65

Chlorobenzene

Concen: 3.810 ug/l

RT: 10.20 min Scan# 1484

Delta R.T. 0.06 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

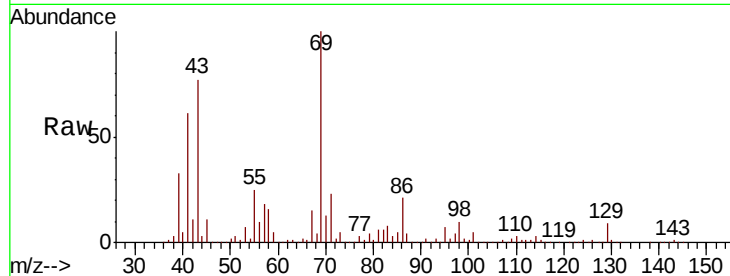
N48719

Tot Ion:112 Resp: 40163

Ion Ratio Lower Upper

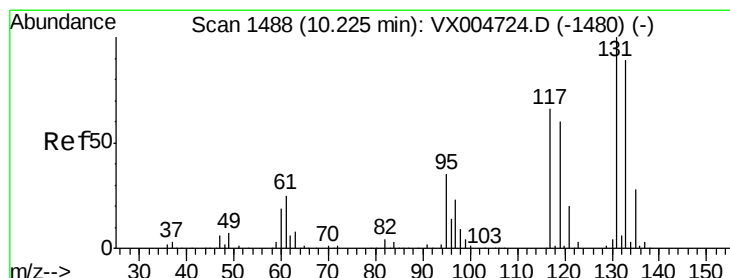
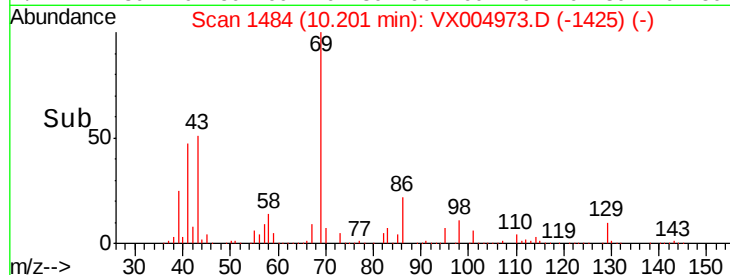
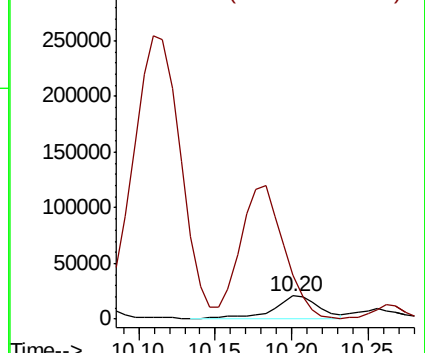
112 100

114 191.8 26.7 40.1#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.719 ug/l

RT: 10.19 min Scan# 1483

Delta R.T. -0.03 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

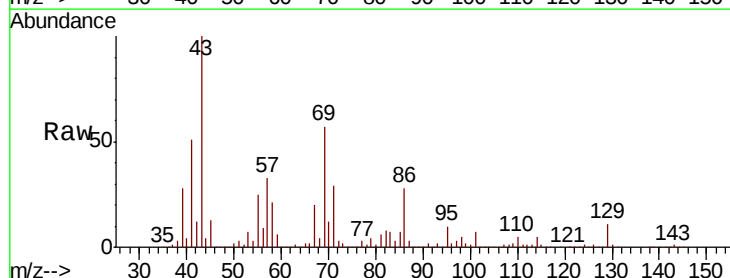
Tgt Ion:131 Resp: 2664

Ion Ratio Lower Upper

131 100

133 0.0 48.4 145.0#

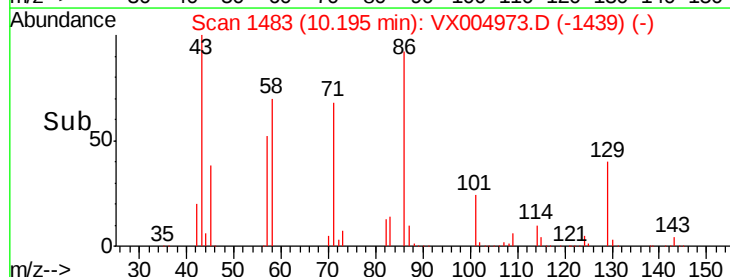
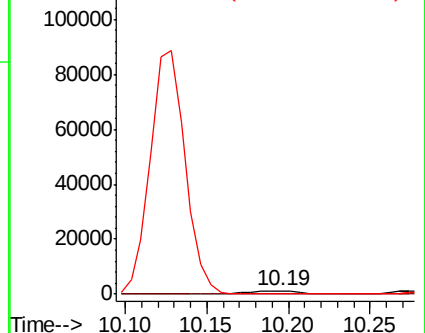
119 0.0 32.3 96.8#

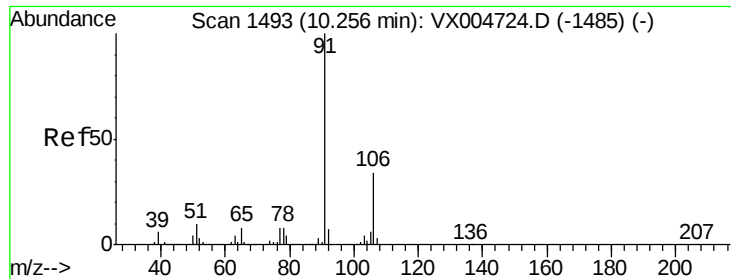


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

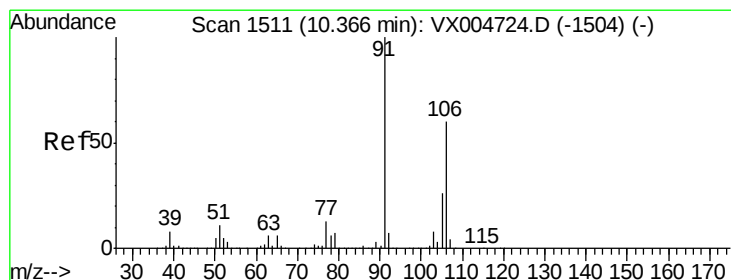
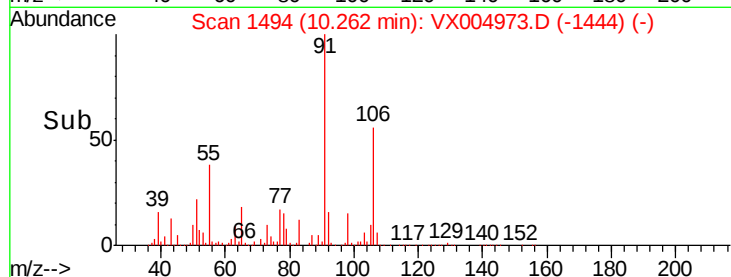
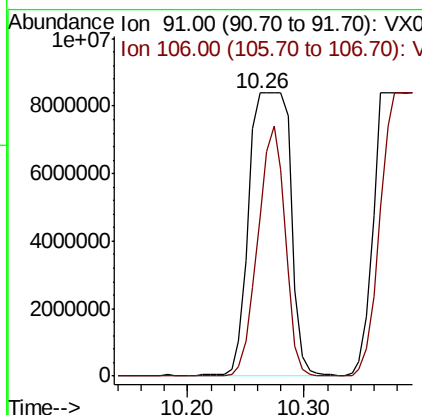
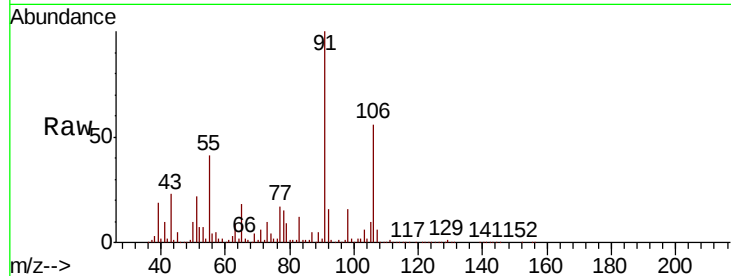




#67
Ethyl Benzene
Concen: 1235.684 ug/l
RT: 10.26 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

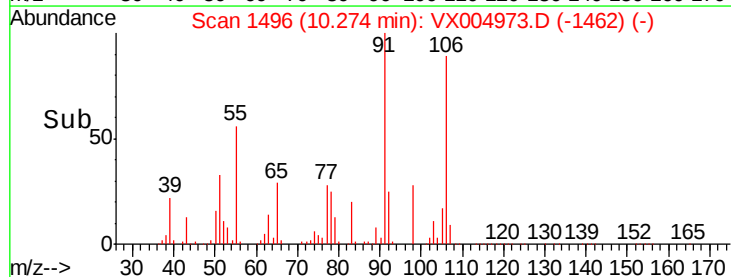
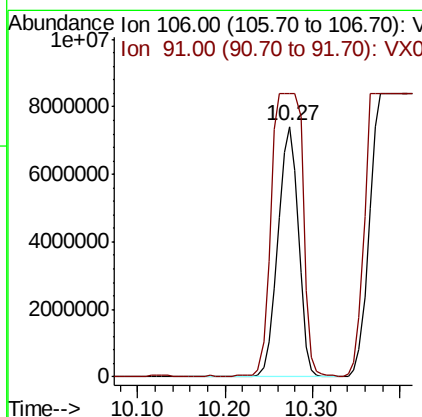
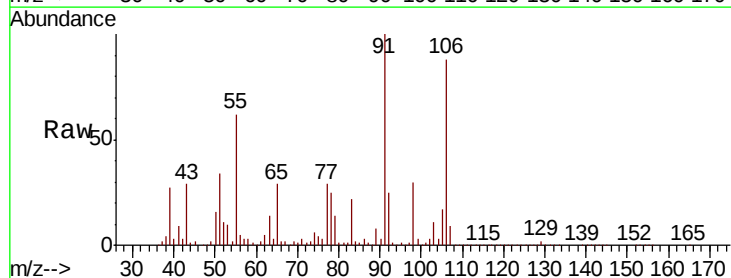
Instrument :
MSVOA_X
ClientSampleId :
N48719

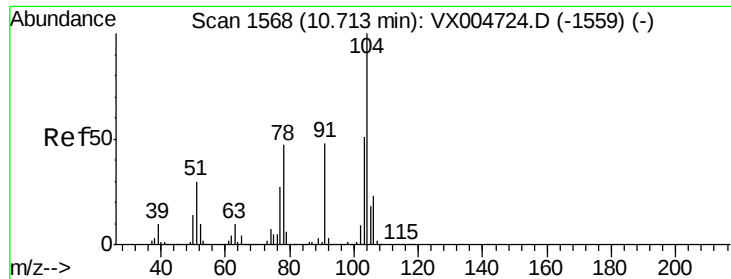
Tot Ion: 91 Resp:20678695
Ion Ratio Lower Upper
91 100
106 56.2 26.9 40.3#



#68
m/p-Xylenes
Concen: 1854.891 ug/l
RT: 10.27 min Scan# 1496
Delta R.T. -0.09 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion:106 Resp:12129903
Ion Ratio Lower Upper
106 100
91 170.5 157.5 236.3

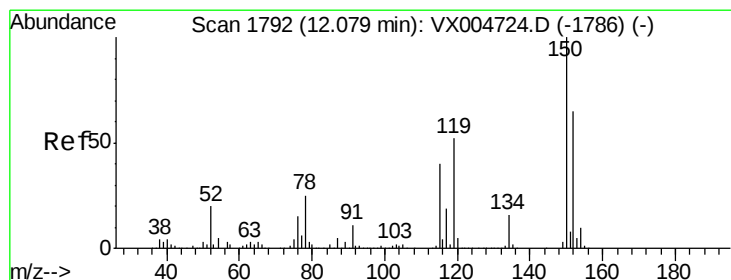
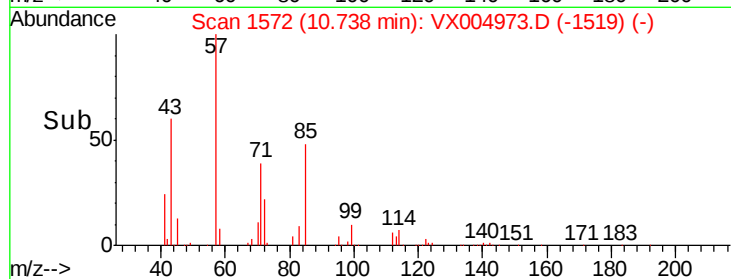
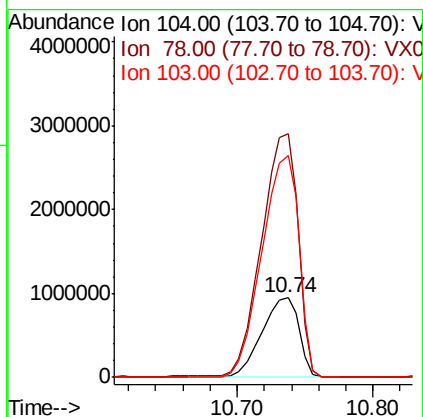
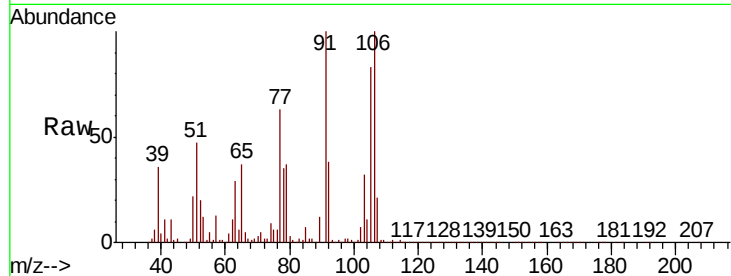




#70
Stvrene
Concen: 155.729 ug/l
RT: 10.74 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

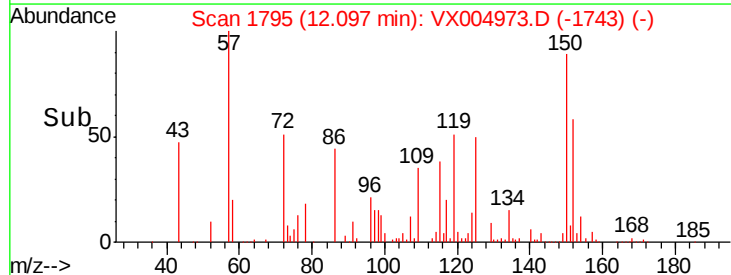
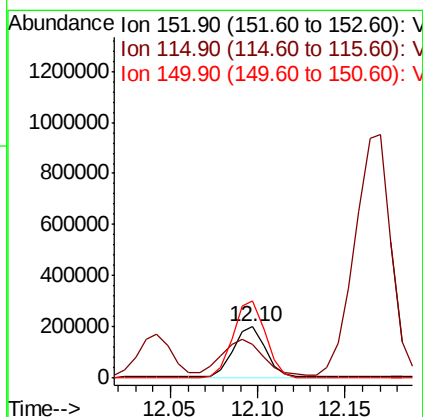
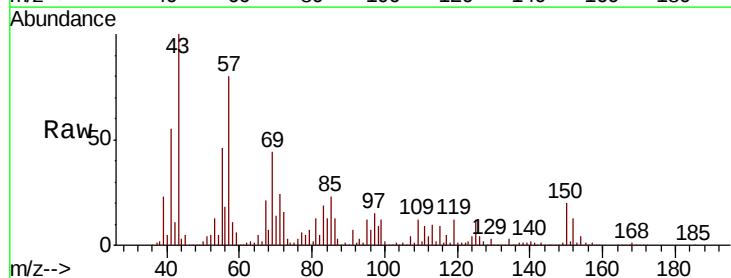
Instrument :
MSVOA_X
ClientSampleId :
N48719

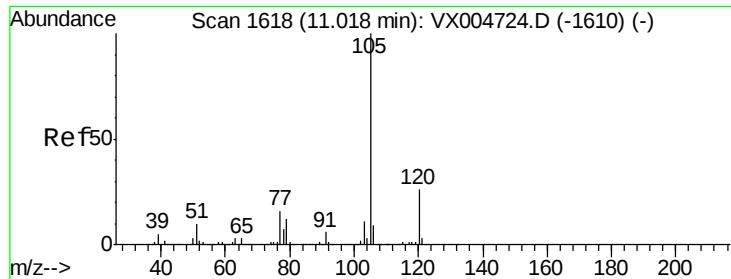
Tot Ion:104 Resp: 1802552
Ion Ratio Lower Upper
104 100
78 304.6 40.0 60.0#
103 279.8 44.3 66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.02 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion:152 Resp: 260121
Ion Ratio Lower Upper
152 100
115 86.7 40.2 120.6
150 150.1 0.0 351.0





#73

Isopropylbenzene

Concen: 213.982 ug/l

RT: 11.04 min Scan# 1621

Delta R.T. 0.02 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampled :

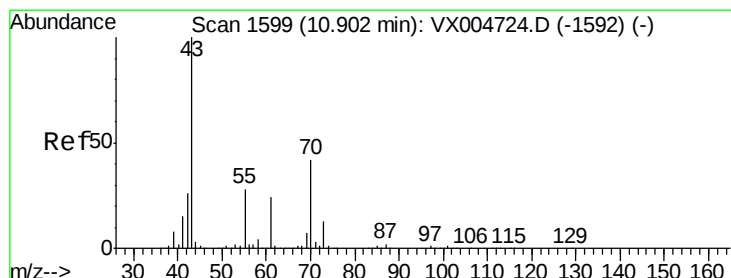
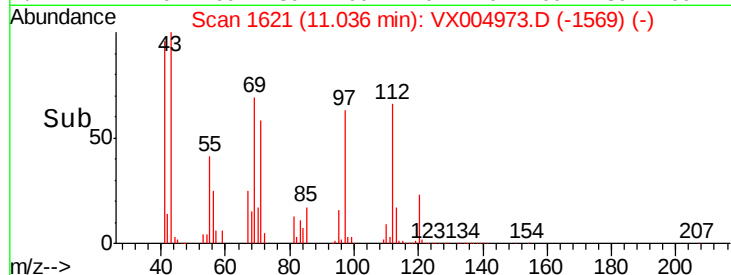
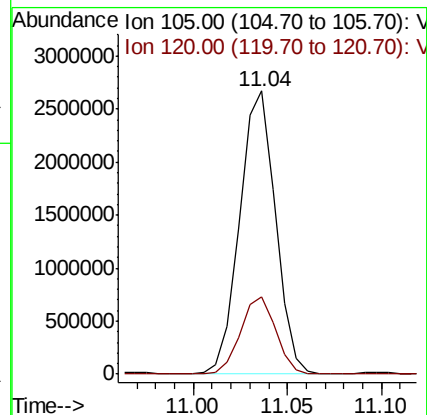
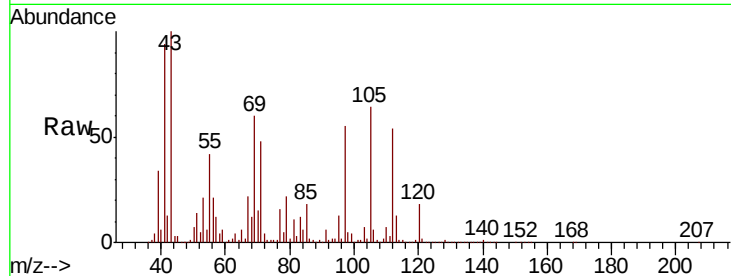
N48719

Tot Ion:105 Resp: 3508401

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5



#74

N-ethyl acetate

Concen: 103.170 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Tgt Ion: 43 Resp: 947111

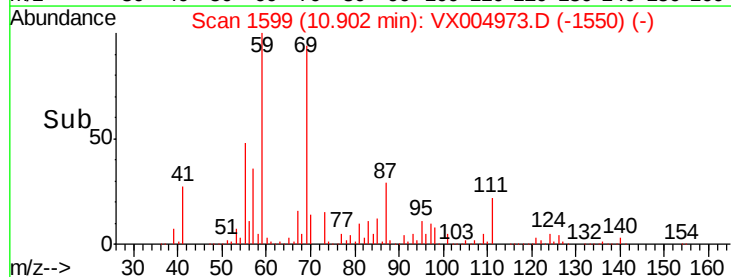
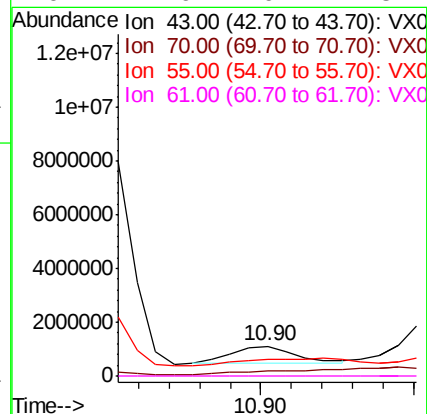
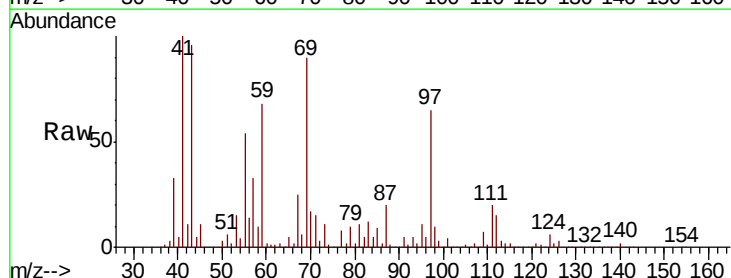
Ion Ratio Lower Upper

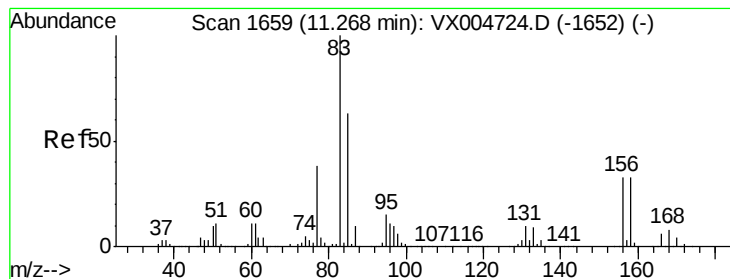
43 100

70 0.0 32.6 48.8#

55 98.5 21.6 32.4#

61 2.9 19.1 28.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 260.589 ug/l

RT: 11.30 min Scan# 1665

Delta R.T. 0.04 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

N48719

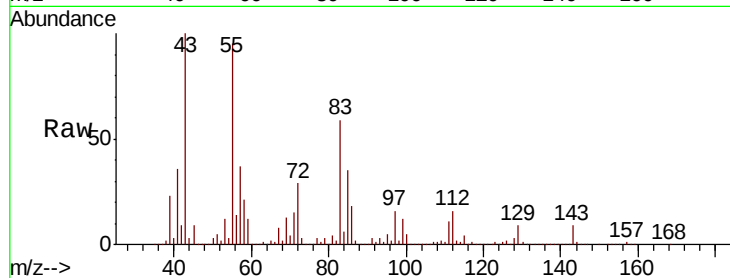
Tot Ion: 83 Resp: 1739218

Ion Ratio Lower Upper

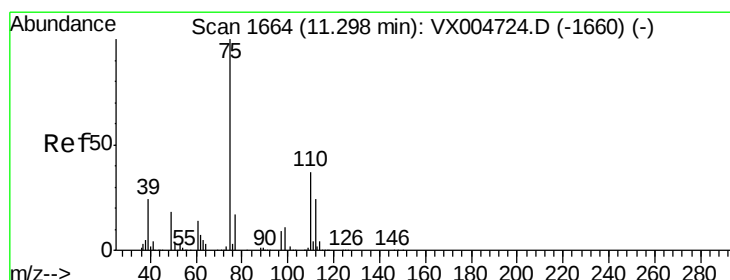
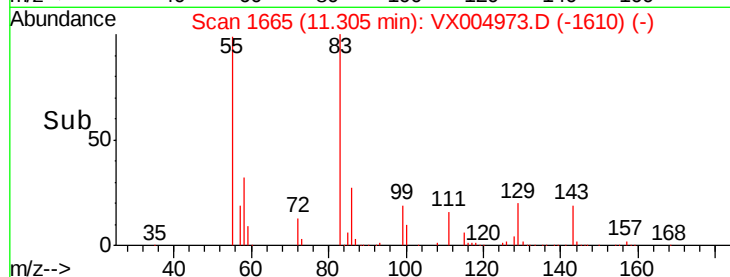
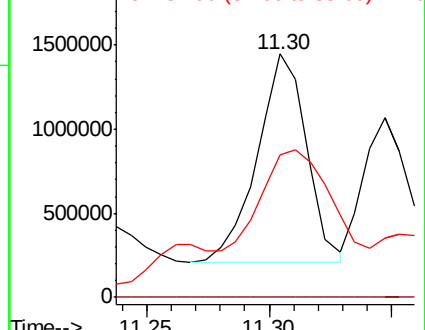
83 100

131 0.3 5.1 15.3#

85 77.4 31.9 95.9



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: 17.873 ug/l

RT: 11.38 min Scan# 1677

Delta R.T. 0.08 min

Lab File: VX004973.D

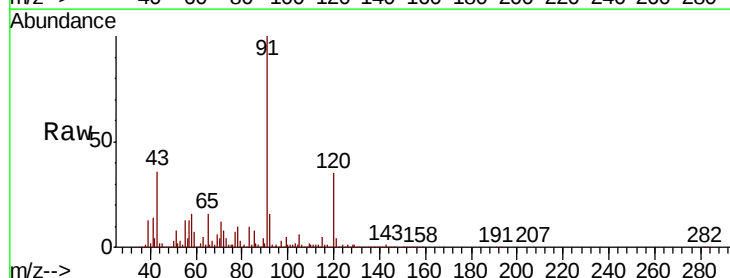
Acq: 03 Oct 2018 17:06

Tgt Ion: 75 Resp: 104207

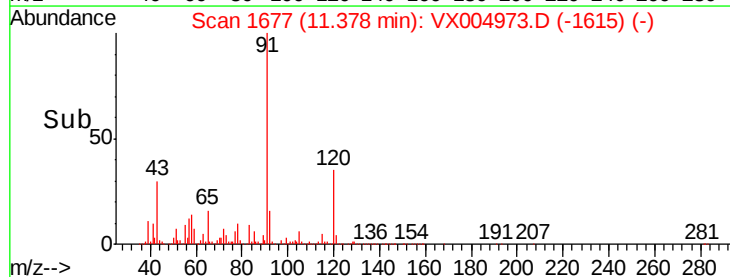
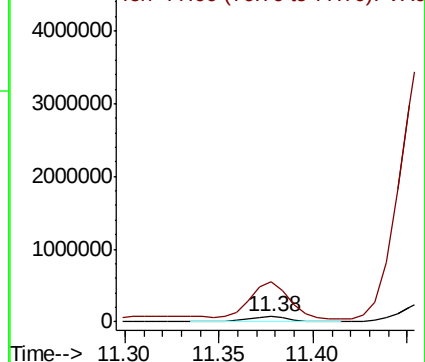
Ion Ratio Lower Upper

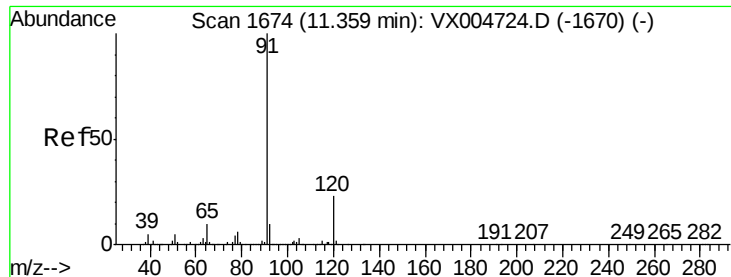
75 100

77 703.6 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 727.697 ug/l

RT: 11.37 min Scan# 1676

Delta R.T. 0.01 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

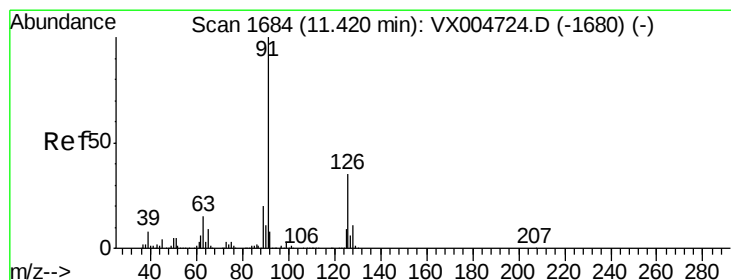
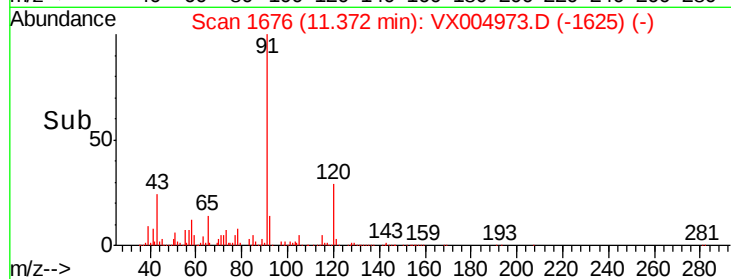
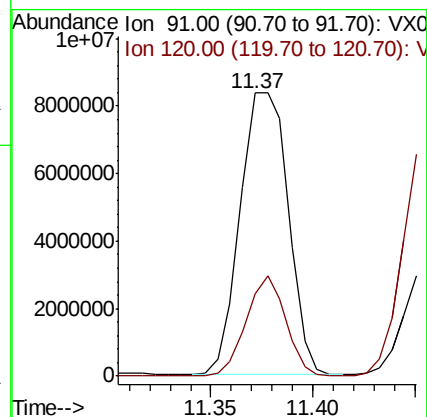
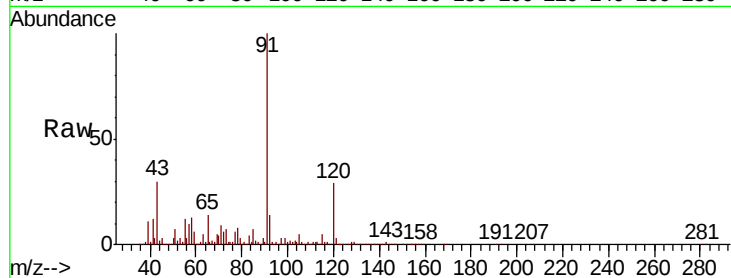
N48719

Tot Ion: 91 Resp:13689575

Ion Ratio Lower Upper

91 100

120 29.1 12.0 36.0



#79

2-Chlorotoluene

Concen: 1167.456 ug/l

RT: 11.37 min Scan# 1676

Delta R.T. -0.05 min

Lab File: VX004973.D

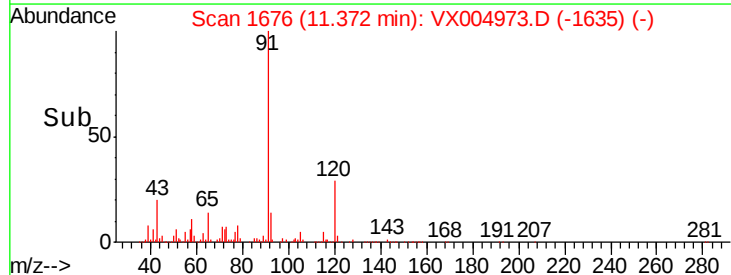
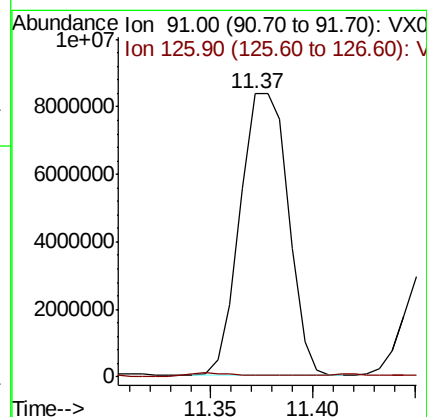
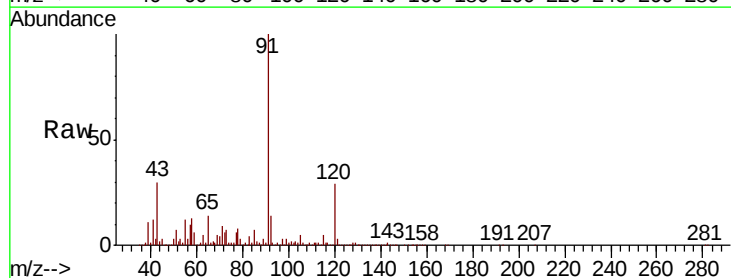
Acq: 03 Oct 2018 17:06

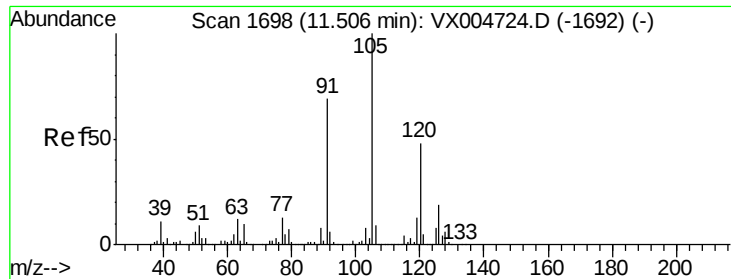
Tgt Ion: 91 Resp:13689575

Ion Ratio Lower Upper

91 100

126 0.4 17.6 52.9#

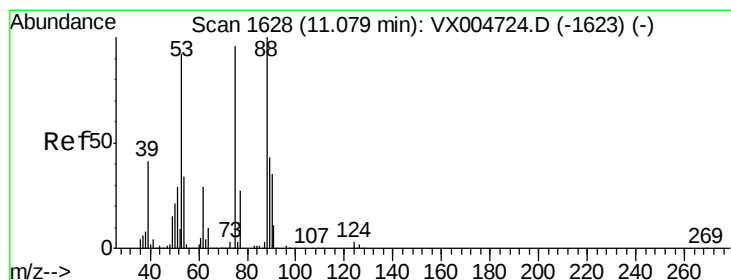
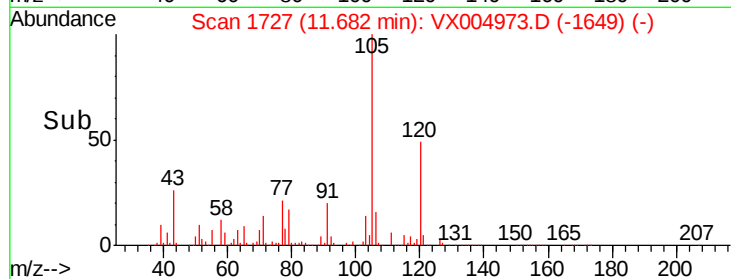
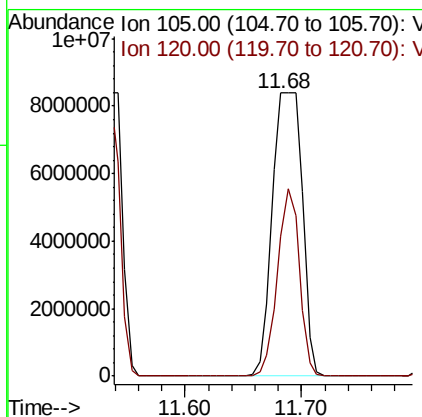
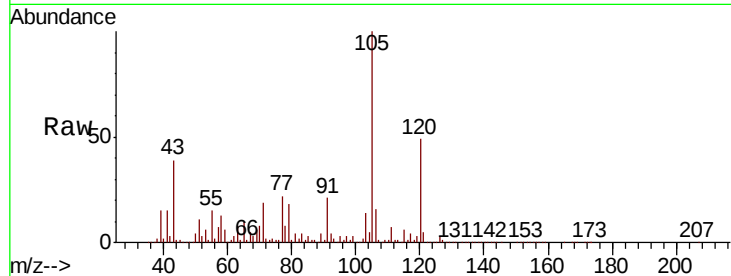




#80
 1,3,5-Trimethylbenzene
 Concen: 992.671 ug/l
 RT: 11.68 min Scan# 1727
 Delta R.T. 0.18 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

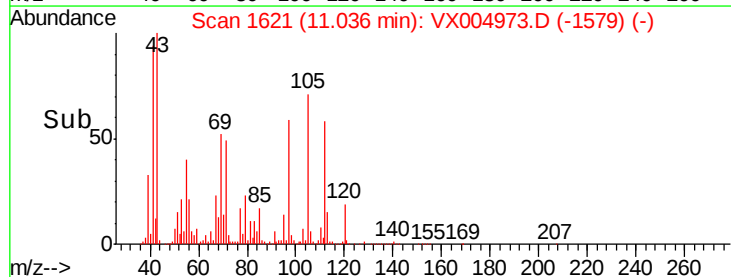
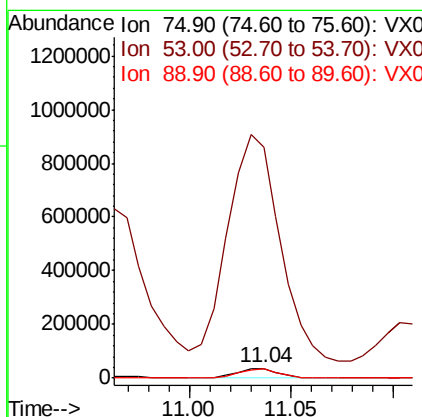
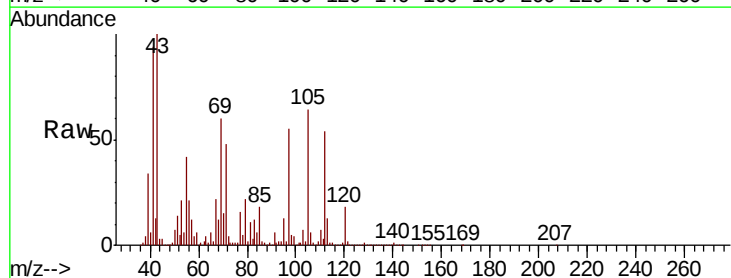
Instrument :
 MSVOA_X
 ClientSampleID :
 N48719

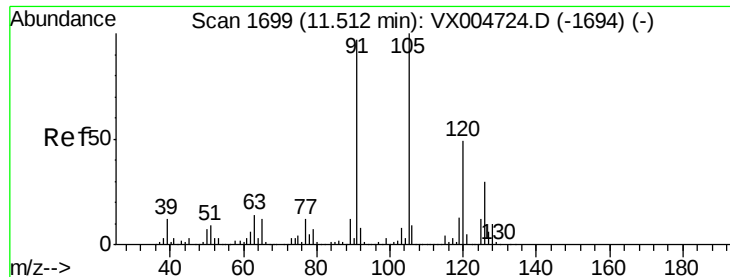
Tot Ion:105 Resp:14861198
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 24.734 ug/l
 RT: 11.04 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

Tgt Ion: 75 Resp: 50638
 Ion Ratio Lower Upper
 75 100
 53 2946.1 80.2 120.4#
 89 92.8 37.1 55.7#

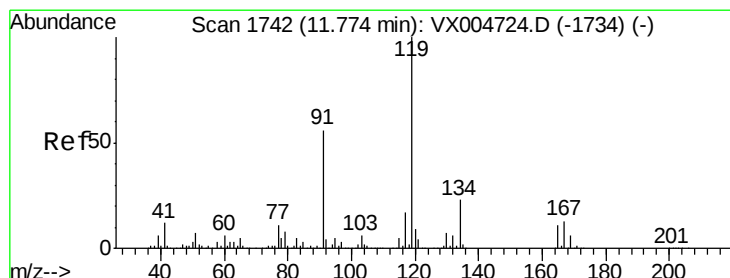
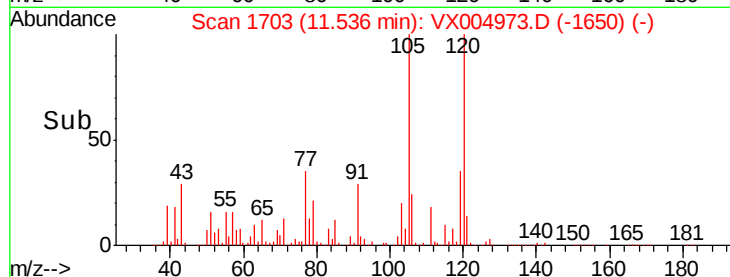
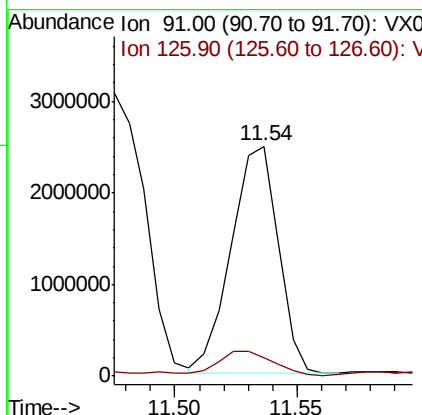
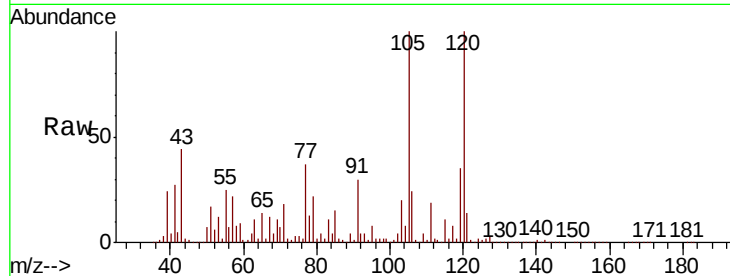




#82
4-Chlorotoluene
Concen: 240.512 ug/l
RT: 11.54 min Scan# 1703
Delta R.T. 0.02 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

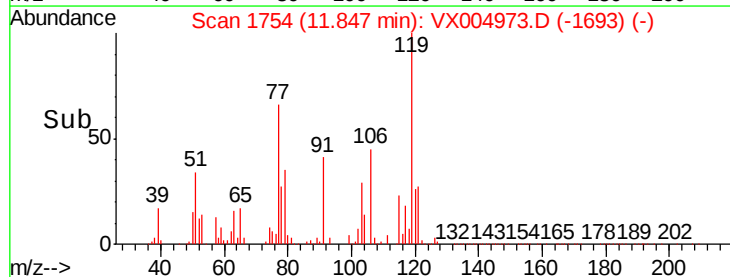
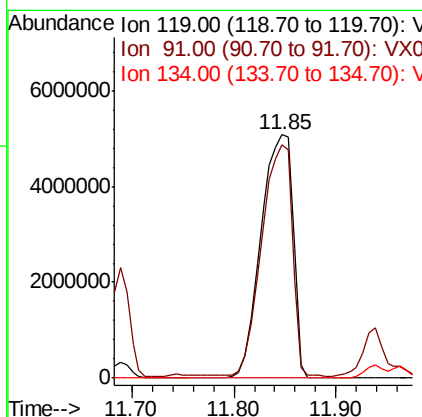
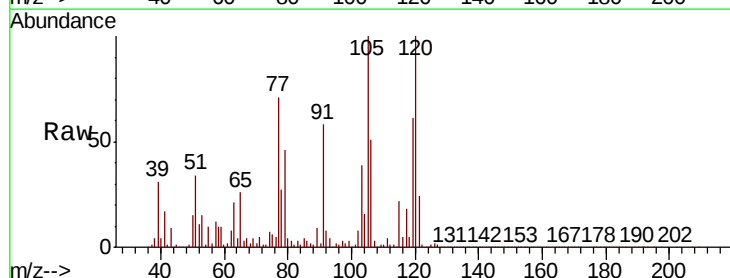
Instrument :
MSVOA_X
ClientSampleId :
N48719

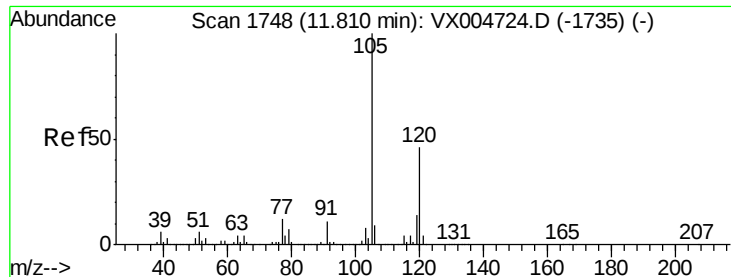
Tot Ion: 91 Resp: 3319556
Ion Ratio Lower Upper
91 100
126 12.1 15.5 46.5#



#83
tert-Butylbenzene
Concen: 819.898 ug/l
RT: 11.85 min Scan# 1754
Delta R.T. 0.07 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion: 119 Resp: 11067932
Ion Ratio Lower Upper
119 100
91 90.6 27.5 82.5#
134 0.0 11.5 34.4#

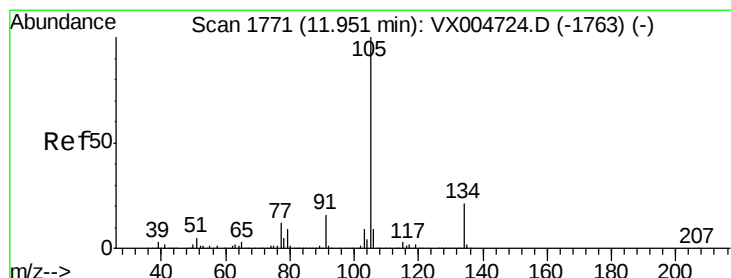
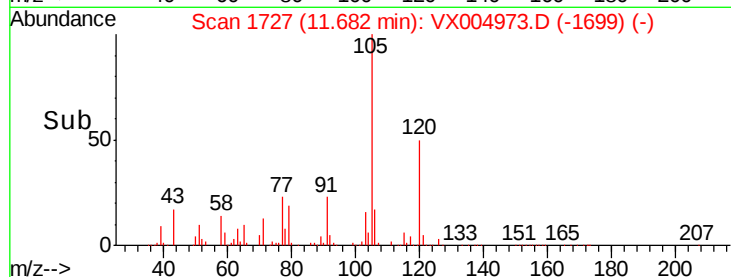
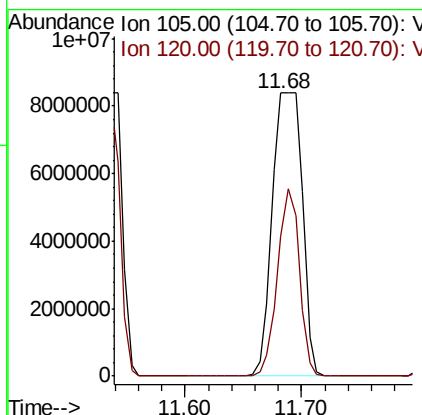
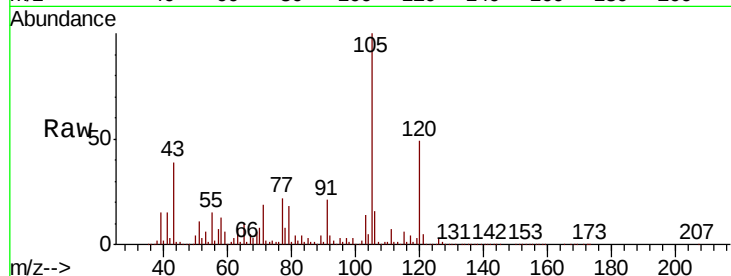




#84
 1,2,4-Trimethylbenzene
 Concen: 962.565 ug/l
 RT: 11.68 min Scan# 1727
 Delta R.T. -0.13 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

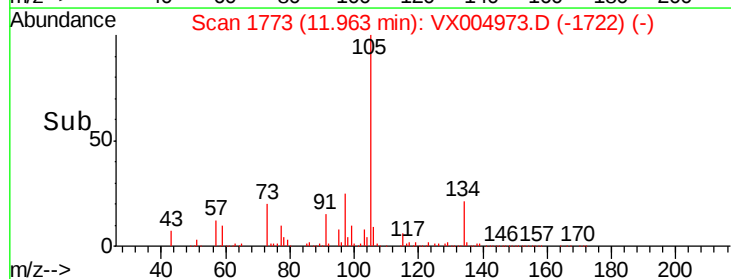
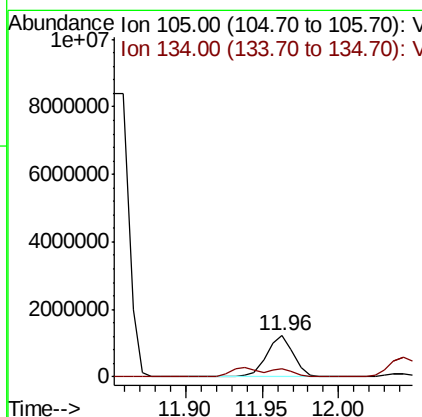
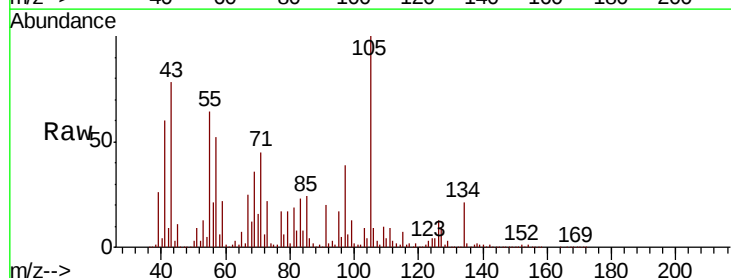
Instrument :
 MSVOA_X
 ClientSampled :
 N48719

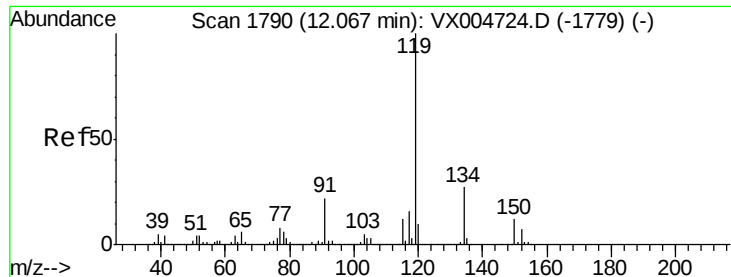
Tot Ion:105 Resp:14861198
 Ion Ratio Lower Upper
 105 100
 120 48.2 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 89.922 ug/l
 RT: 11.96 min Scan# 1773
 Delta R.T. 0.01 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

Tgt Ion:105 Resp: 1478532
 Ion Ratio Lower Upper
 105 100
 134 17.5 10.2 30.4

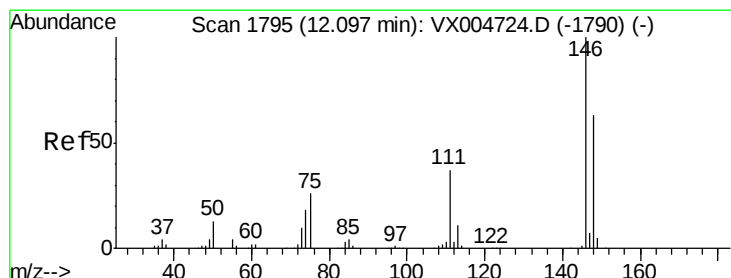
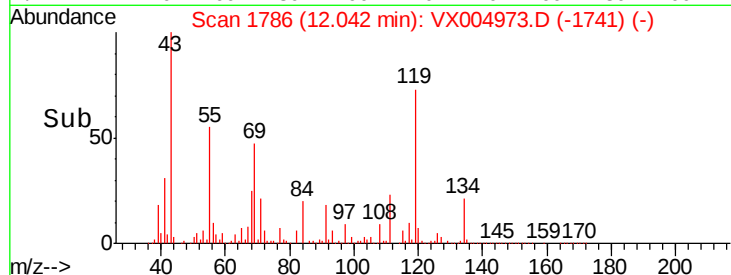
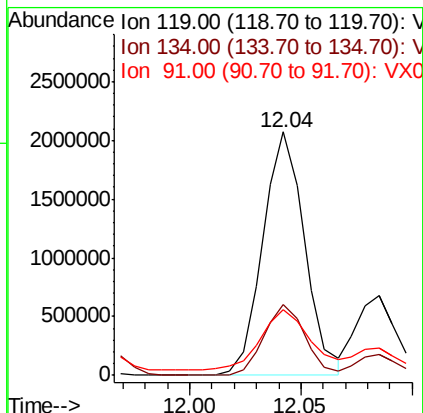
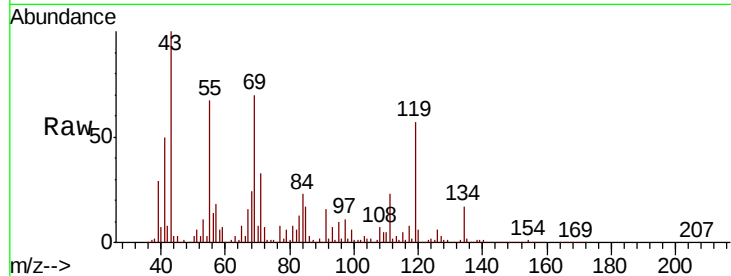




#86
 p-Isopropyltoluene
 Concen: 181.357 ug/l
 RT: 12.04 min Scan# 1786
 Delta R.T. -0.02 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

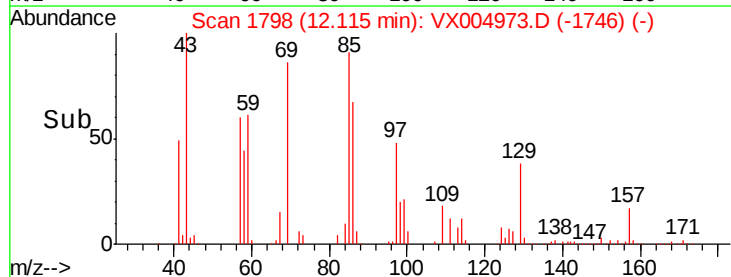
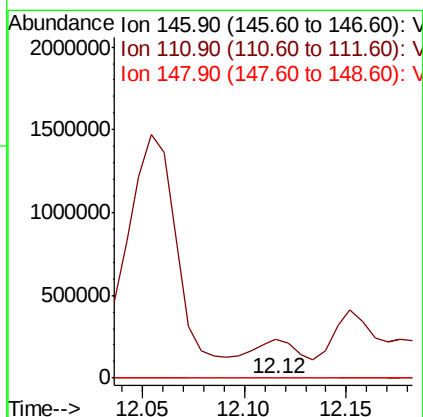
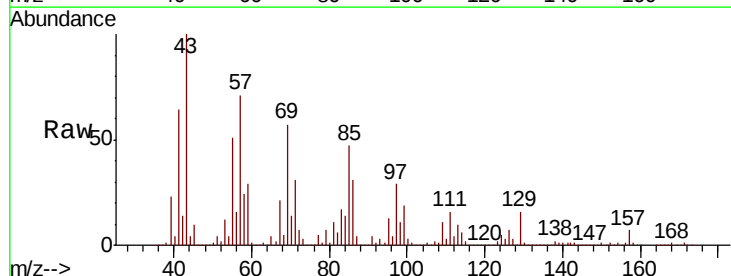
Instrument :
 MSVOA_X
 ClientSampled :
 N48719

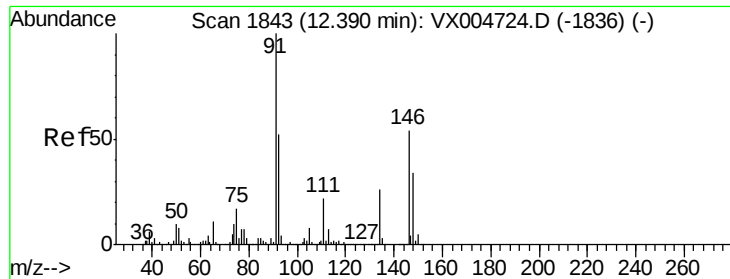
Tot Ion:119 Resp: 2701670
 Ion Ratio Lower Upper
 119 100
 134 28.7 13.4 40.1
 91 29.7 11.5 34.4



#88
 1,4-Dichlorobenzene
 Concen: 0.231 ug/l
 RT: 12.12 min Scan# 1798
 Delta R.T. 0.02 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

Tgt Ion:146 Resp: 2121
 Ion Ratio Lower Upper
 146 100
 111 7718.3 18.4 55.2#
 148 137.5 32.0 96.0#

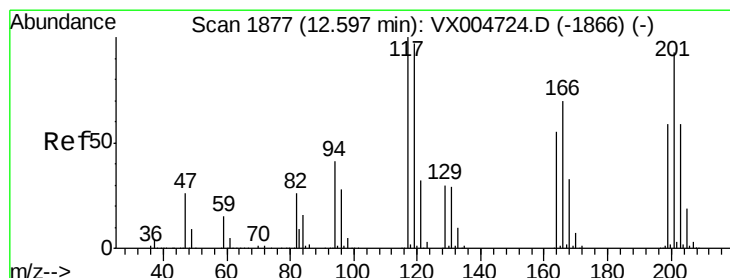
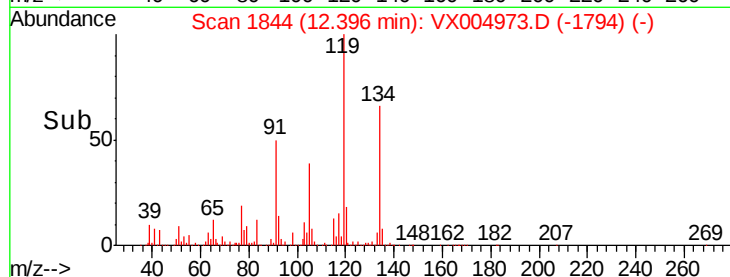
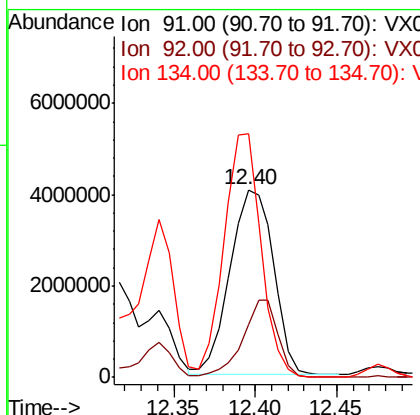
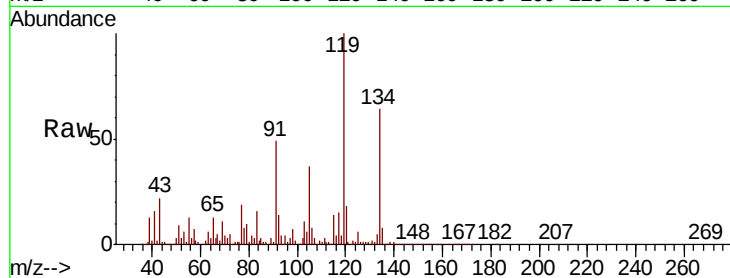




#89
n-Butylbenzene
Concen: 557.717 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

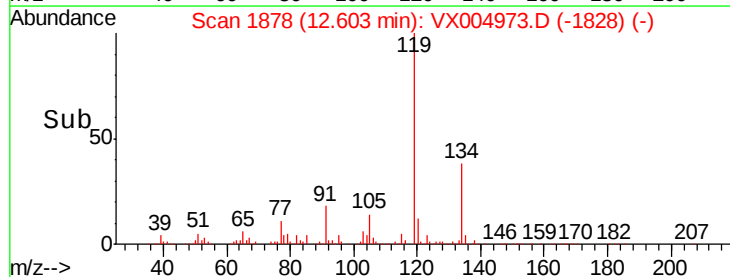
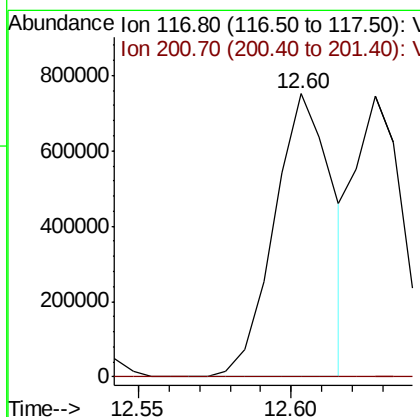
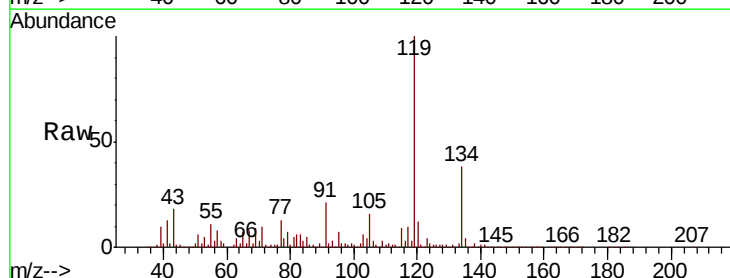
Instrument :
MSVOA_X
ClientSampled :
N48719

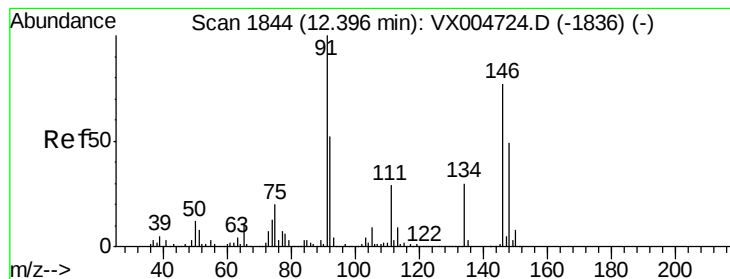
Tot Ion: 91 Resp: 7545485
Ion Ratio Lower Upper
91 100
92 33.5 26.0 78.0
134 111.1 13.2 39.6#



#90
Hexachloroethane
Concen: 400.935 ug/l
RT: 12.60 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VX004973.D
Acq: 03 Oct 2018 17:06

Tgt Ion: 117 Resp: 994441
Ion Ratio Lower Upper
117 100
201 0.0 48.4 145.0#





#91

1,2-Dichlorobenzene

Concen: 0.429 ug/l

RT: 12.41 min Scan# 1846

Delta R.T. 0.01 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampled :

N48719

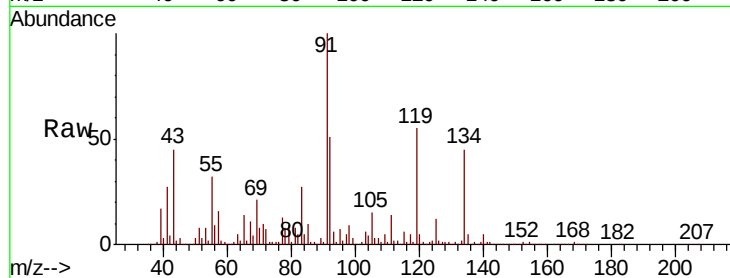
Tot Ion:146 Resp: 3988

Ion Ratio Lower Upper

146 100

111 16955.3 19.6 58.7#

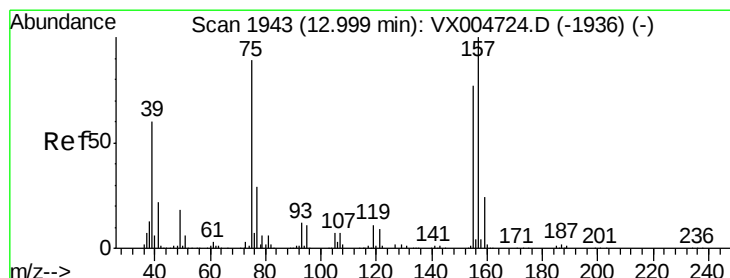
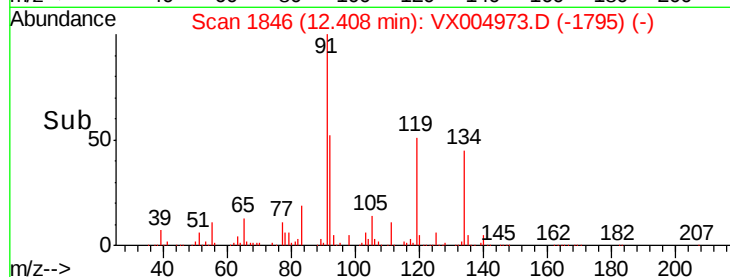
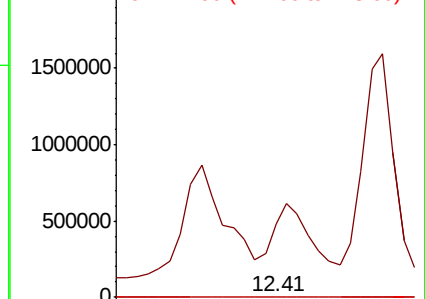
148 75.3 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.796 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

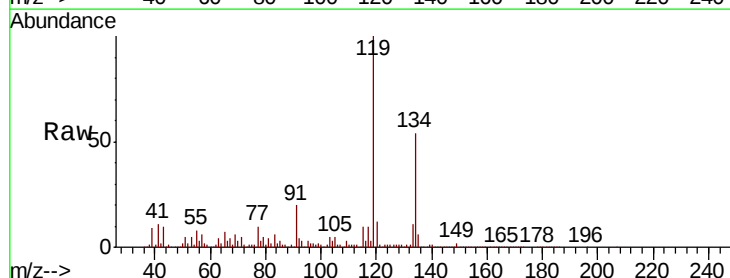
Tgt Ion: 75 Resp: 70042

Ion Ratio Lower Upper

75 100

155 9.4 46.1 138.3#

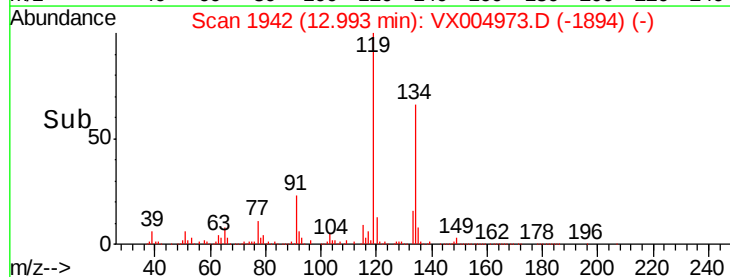
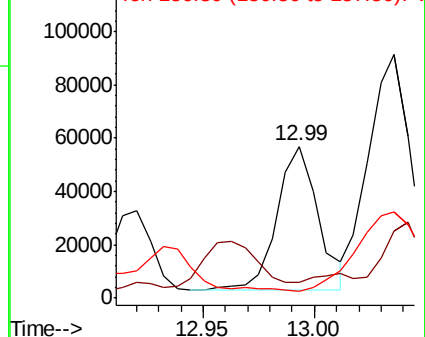
157 0.0 60.2 180.6#

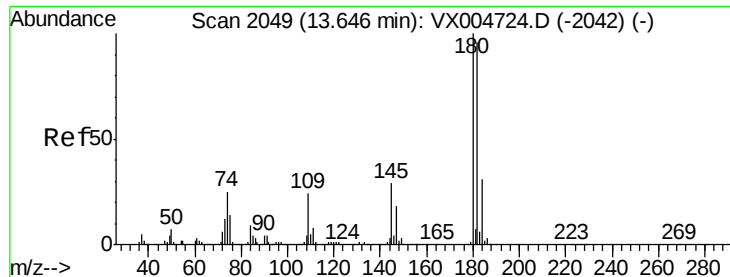


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

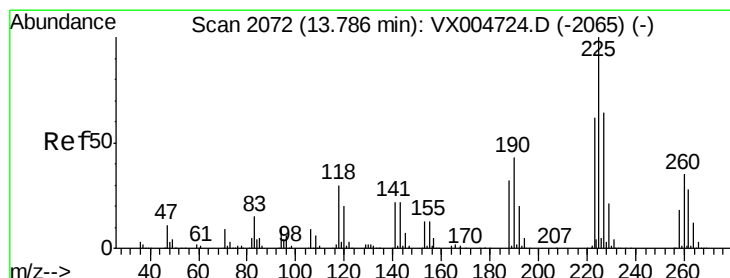
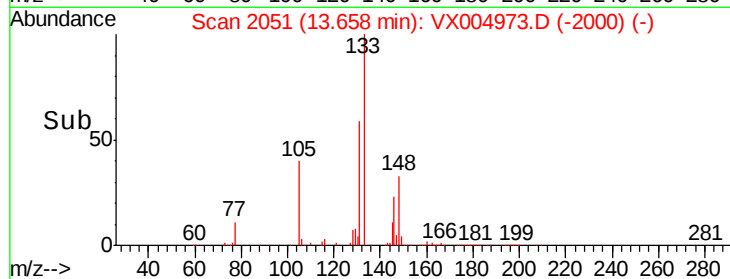
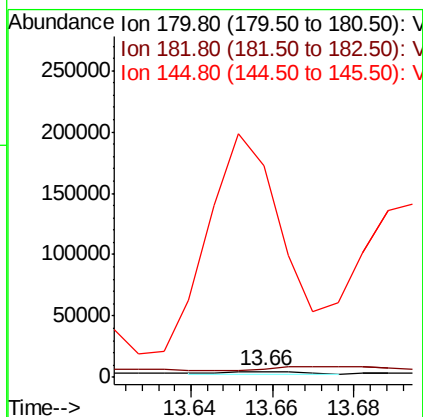
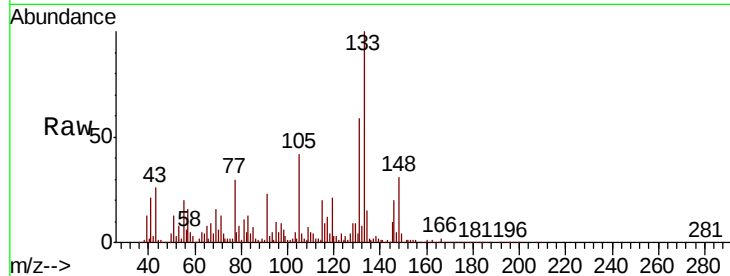




#93
 1,2,4-Trichlorobenzene
 Concen: 0.416 ug/l
 RT: 13.66 min Scan# 2051
 Delta R.T. 0.01 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

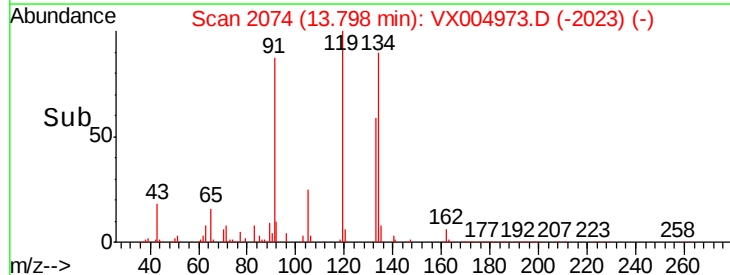
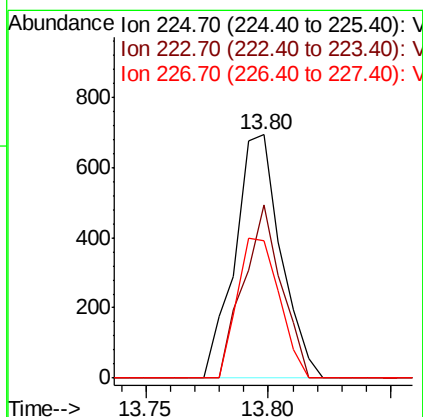
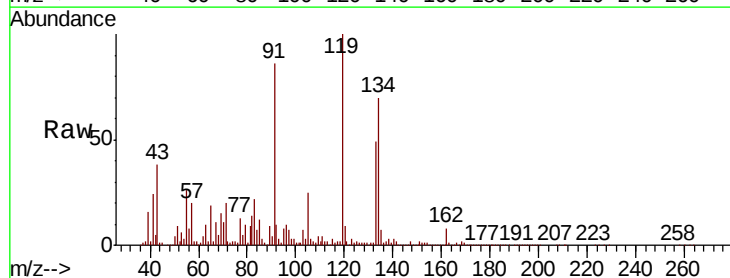
Instrument :
 MSVOA_X
 ClientSampled :
 N48719

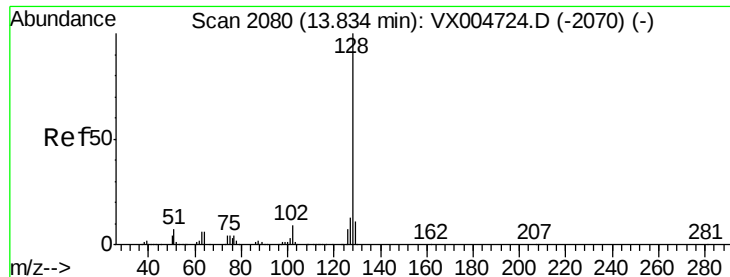
Tot Ion:180 Resp: 2713
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.8 143.4#
 145 9754.7 14.1 42.4#



#94
 Hexachlorobutadiene
 Concen: 0.268 ug/l
 RT: 13.80 min Scan# 2074
 Delta R.T. 0.01 min
 Lab File: VX004973.D
 Acq: 03 Oct 2018 17:06

Tgt Ion:225 Resp: 906
 Ion Ratio Lower Upper
 225 100
 223 58.4 31.3 93.8
 227 52.3 31.9 95.5





#95

Naphthalene

Concen: 23.300 ug/l

RT: 13.62 min Scan# 2044

Delta R.T. -0.22 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

N48719

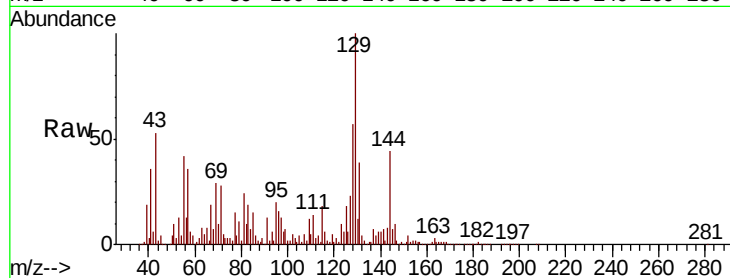
Tot Ion:128 Resp: 495701

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 192.2 8.7 13.1#

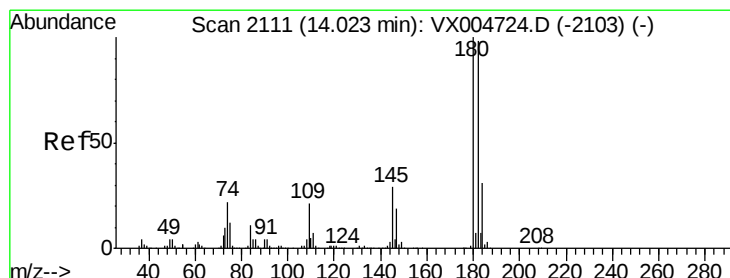
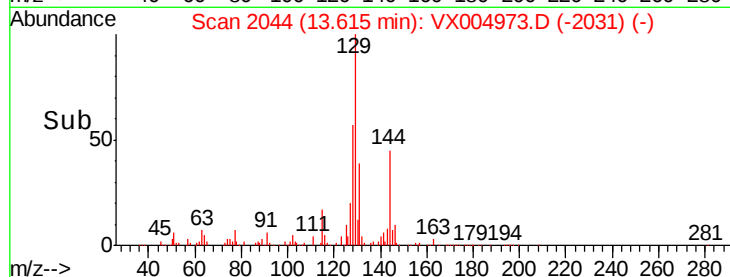
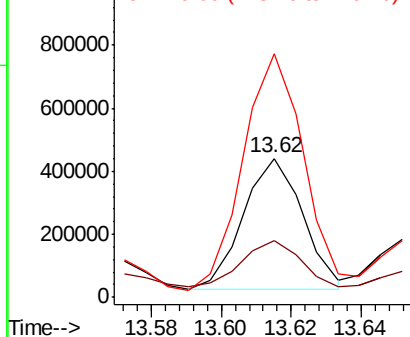


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.384 ug/l

RT: 14.04 min Scan# 2114

Delta R.T. 0.02 min

Lab File: VX004973.D

Acq: 03 Oct 2018 17:06

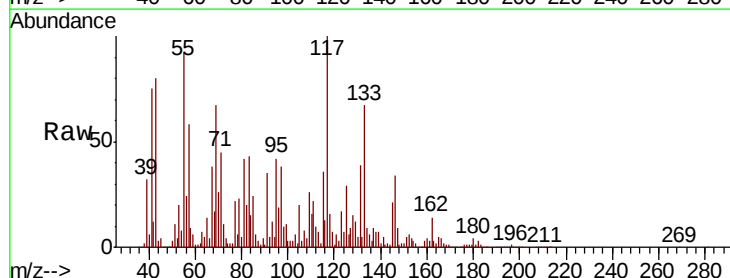
Tgt Ion:180 Resp: 9320

Ion Ratio Lower Upper

180 100

182 183.4 47.9 143.8#

145 711.8 15.0 45.0#



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

