

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082818\
 Data File : VX004275.D
 Acq On : 28 Aug 2018 18:23
 Operator : JC/MD
 Sample : VX0828MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

Quant Time: Aug 29 00:43:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	350415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	508914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	452046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	217261	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	5.50	113	186426	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.71	98	705842	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.14	95	262836	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	78955	19.45	ug/l	97
3) Chloromethane	1.32	50	91900	20.66	ug/l	99
4) Vinyl Chloride	1.40	62	90686	19.75	ug/l	99
5) Bromomethane	1.64	94	45108	18.66	ug/l	98
6) Chloroethane	1.72	64	61418	18.13	ug/l	97
7) Trichlorofluoromethane	1.92	101	120287	19.12	ug/l	94
8) Diethyl Ether	2.18	74	53665	19.92	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	75453	19.15	ug/l	99
10) Methyl Iodide	2.51	142	70116	18.69	ug/l	98
11) Tert butyl alcohol	3.07	59	103158	105.96	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70385	18.96	ug/l	99
13) Acrolein	2.29	56	21561	91.86	ug/l	98
14) Allyl chloride	2.73	41	129838	19.04	ug/l	100
15) Acrylonitrile	3.15	53	235474	97.66	ug/l	100
16) Acetone	2.45	43	194337	99.37	ug/l	99
17) Carbon Disulfide	2.57	76	173610	17.37	ug/l	100
18) Methyl Acetate	2.78	43	155874	23.00	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	253891	20.75	ug/l	98
20) Methylene Chloride	2.85	84	83617	19.02	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	76442	18.60	ug/l	98
22) Diisopropyl ether	3.87	45	248546	19.52	ug/l	98
23) Vinyl Acetate	3.82	43	984061	95.34	ug/l	99
24) 1,1-Dichloroethane	3.69	63	146908	19.80	ug/l	99
25) 2-Butanone	4.71	43	308277	99.01	ug/l	98
26) 2,2-Dichloropropane	4.59	77	109534	18.82	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	90498	19.42	ug/l	98
28) Bromochloromethane	5.01	49	65190	19.84	ug/l	99
29) Tetrahydrofuran	5.17	42	197068	100.43	ug/l	98
30) Chloroform	5.21	83	144119	19.37	ug/l	97
31) Cyclohexane	5.57	56	121629	18.99	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	121065	19.51	ug/l	99
36) 1,1-Dichloropropene	5.80	75	106543	18.62	ug/l	99
37) Ethyl Acetate	4.86	43	112141	19.93	ug/l	99
38) Carbon Tetrachloride	5.78	117	101637	18.88	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119896	18.35	ug/l	99
40) Benzene	6.14	78	333505	19.51	ug/l	98
41) Methacrylonitrile	5.06	41	65175	19.98	ug/l	99
42) 1,2-Dichloroethane	6.20	62	113047	19.39	ug/l	99
43) Isopropyl Acetate	6.46	43	174264	20.15	ug/l	99
44) Trichloroethene	7.21	130	90854	19.20	ug/l	97
45) 1,2-Dichloropropane	7.52	63	82517	19.29	ug/l	98
46) Dibromomethane	7.67	93	54598	19.16	ug/l	99
47) Bromodichloromethane	7.90	83	99838	18.83	ug/l	99
48) Methyl methacrylate	7.78	41	90688	19.60	ug/l	99
49) 1,4-Dioxane	7.76	88	42318	402.87	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	599250	95.39	ug/l	99
52) Toluene	8.79	92	214444	20.04	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	111605	19.06	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	124480	19.52	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	86519	20.03	ug/l	99
56) Ethyl methacrylate	9.18	69	120767	20.54	ug/l	99
57) 1,3-Dichloropropane	9.37	76	144050	19.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	320360	106.32	ug/l	100
59) 2-Hexanone	9.50	43	456361	95.22	ug/l	99
60) Dibromochloromethane	9.59	129	78110	18.56	ug/l	100
61) 1,2-Dibromoethane	9.67	107	85886	19.21	ug/l	97
64) Tetrachloroethene	9.34	164	91875	20.57	ug/l	100
65) Chlorobenzene	10.14	112	228221	20.12	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	75609	19.32	ug/l	99
67) Ethyl Benzene	10.26	91	363251	19.72	ug/l	100
68) m/p-Xylenes	10.36	106	299818	41.62	ug/l	100
69) o-Xylene	10.70	106	148106	21.73	ug/l	97
70) Styrene	10.71	104	239473	21.70	ug/l	100
71) Bromoform	10.86	173	60351	19.13	ug/l	99
73) Isopropylbenzene	11.02	105	402546	23.63	ug/l	99
74) N-amyl acetate	10.90	43	147928	22.56	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	130921	21.96	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	144317	27.36	ug/l	87
77) Bromobenzene	11.26	156	107787	22.56	ug/l	98
78) n-propylbenzene	11.36	91	444334	22.68	ug/l	99
79) 2-Chlorotoluene	11.42	91	271051	22.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	329843	23.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34531	21.24	ug/l	97
82) 4-Chlorotoluene	11.51	91	312258	22.01	ug/l	99
83) tert-Butylbenzene	11.77	119	319380	22.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	341559	23.59	ug/l	99
85) sec-Butylbenzene	11.94	105	379751	22.54	ug/l	100
86) p-Isopropyltoluene	12.07	119	319657	21.17	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	187573	20.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184060	19.40	ug/l	98
89) n-Butylbenzene	12.39	91	254821	20.75	ug/l	99
90) Hexachloroethane	12.60	117	42782	20.27	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	170029	20.68	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22467	21.40	ug/l	98

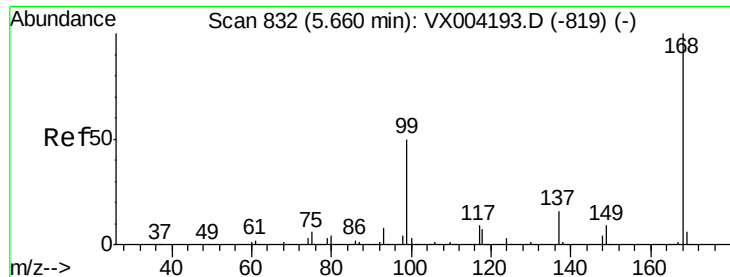
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082818\
Data File : VX004275.D
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Aug 29 00:43:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121834	20.37	ug/l	98
94) Hexachlorobutadiene	13.79	225	53693	19.21	ug/l	95
95) Naphthalene	13.83	128	367309	21.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125092	19.75	ug/l	99

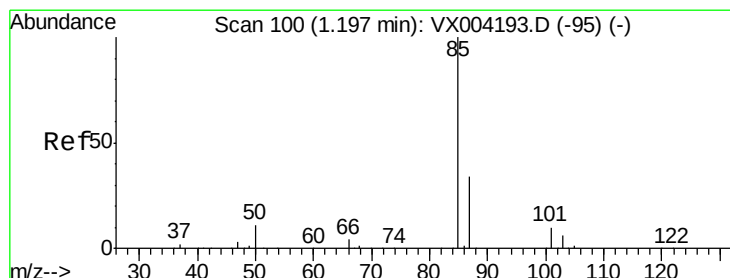
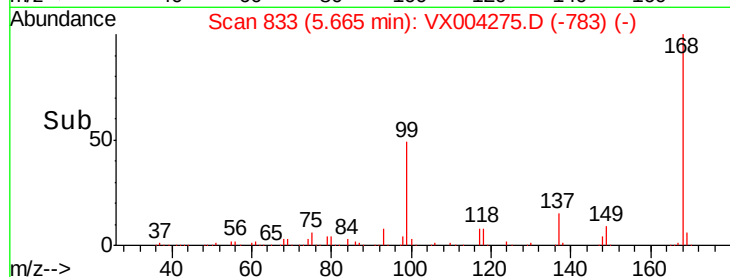
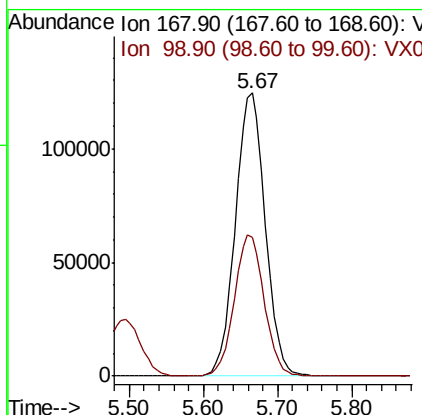
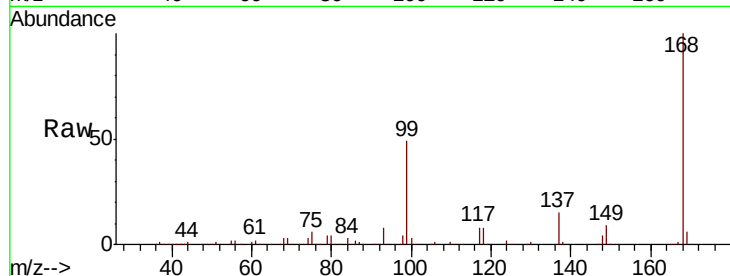
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

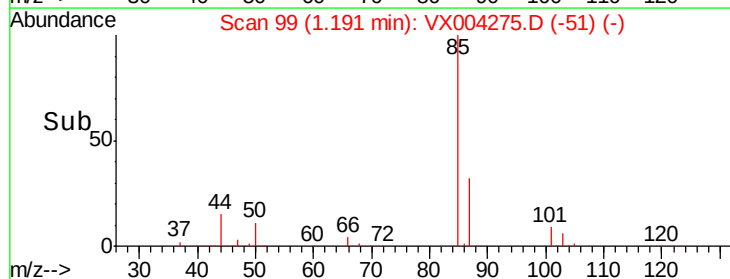
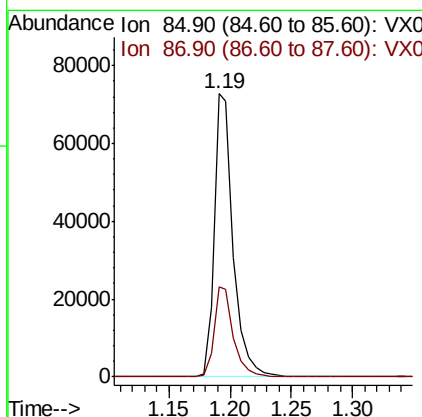
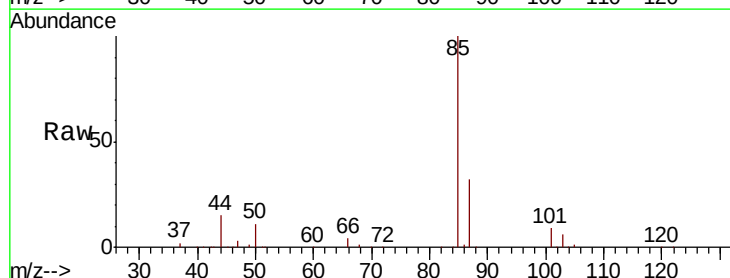
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBSD01

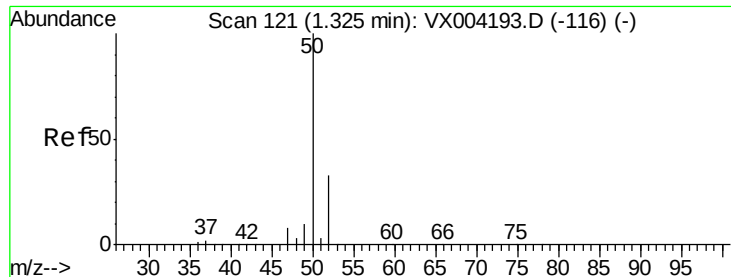
Tot Ion:168 Resp: 350415
Ion Ratio Lower Upper
168 100
99 48.7 39.9 59.9



#2
Dichlorodifluoromethane
Concen: 19.45 ug/l
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Tgt Ion: 85 Resp: 78955
Ion Ratio Lower Upper
85 100
87 32.0 17.0 50.9





#3

Chloromethane

Concen: 20.66 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

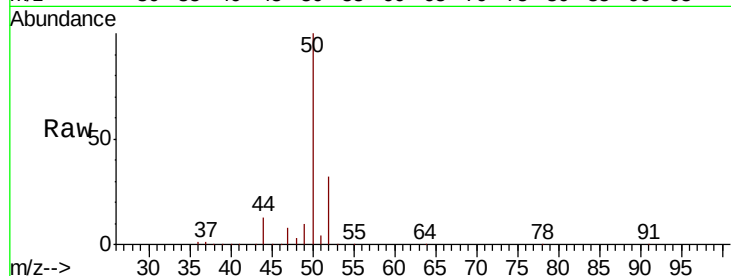
VX0828MBSD01

Tot Ion: 50 Resp: 91900

Ion Ratio Lower Upper

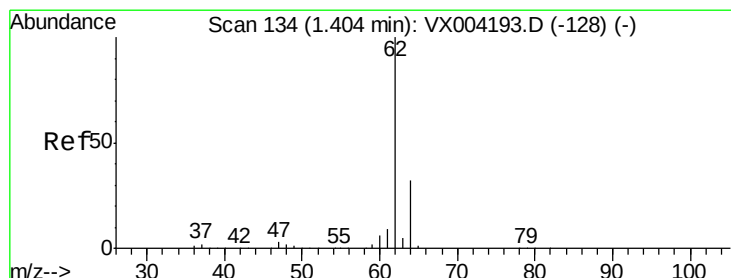
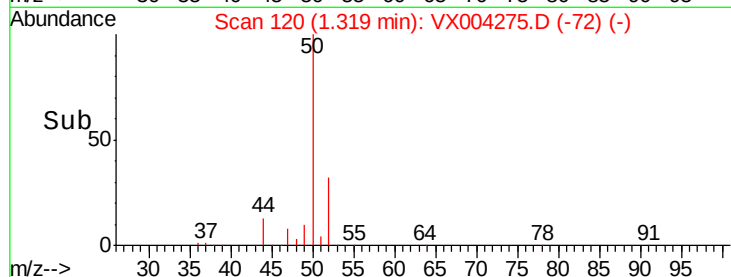
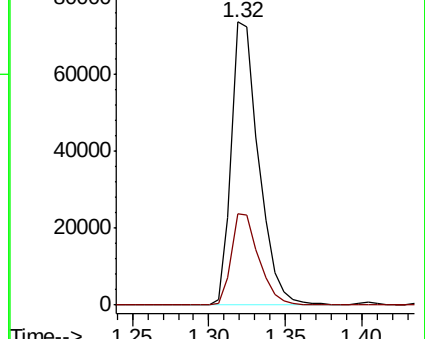
50 100

52 32.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.75 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004275.D

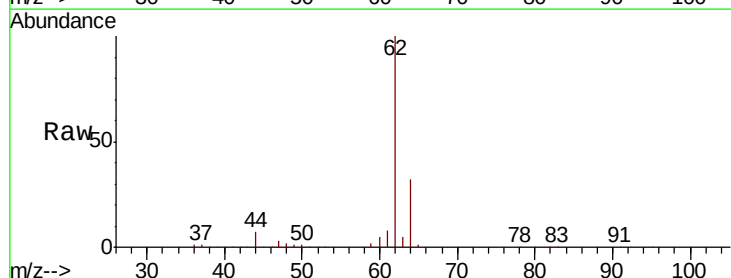
Acq: 28 Aug 2018 18:23

Tgt Ion: 62 Resp: 90686

Ion Ratio Lower Upper

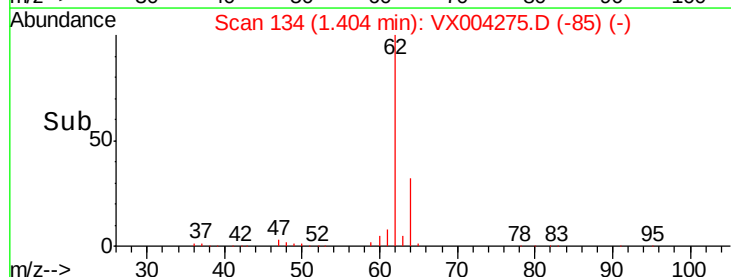
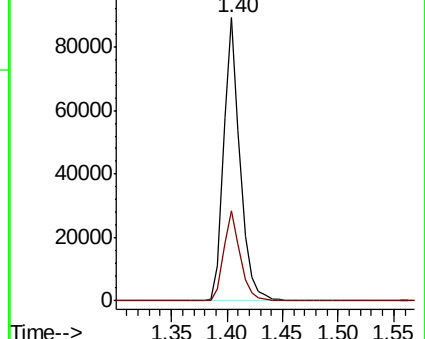
62 100

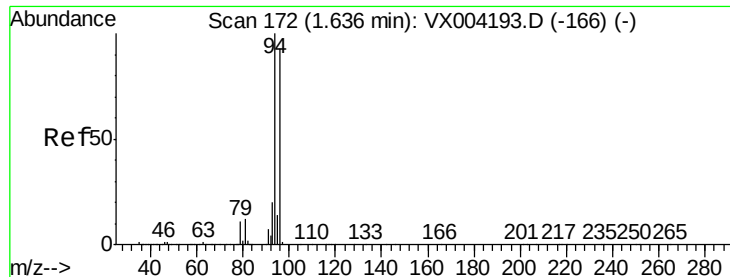
64 31.7 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.66 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

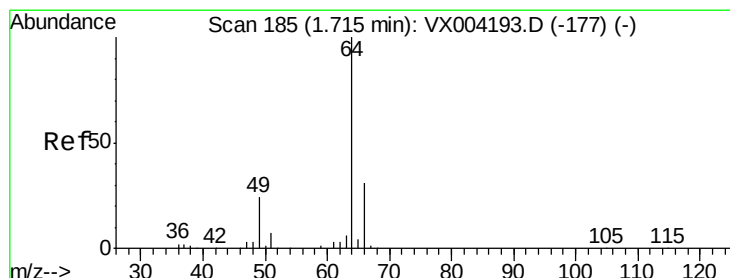
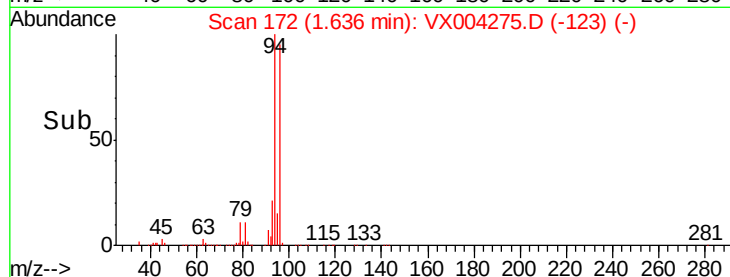
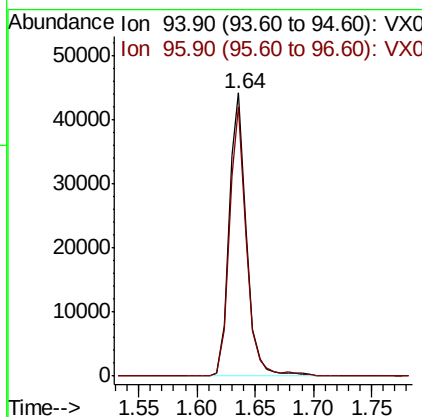
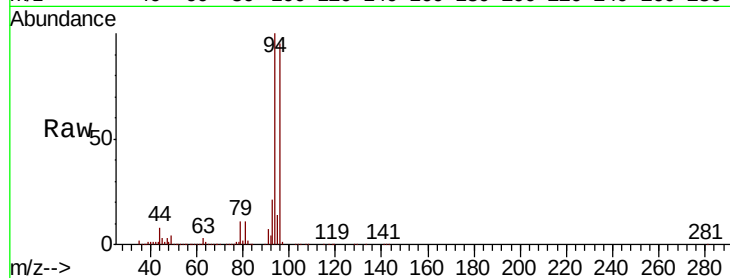
VX0828MBSD01

Tot Ion: 94 Resp: 45108

Ion Ratio Lower Upper

94 100

96 95.1 74.5 111.7



#6

Chloroethane

Concen: 18.13 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004275.D

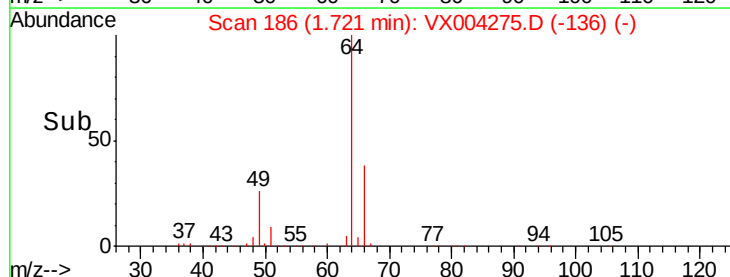
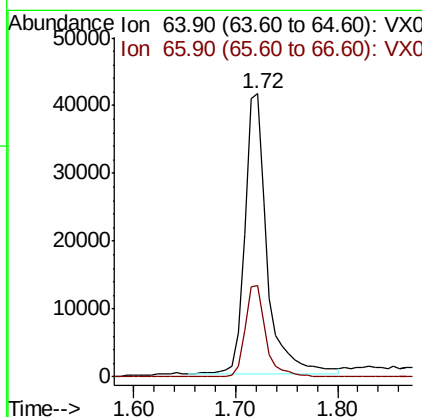
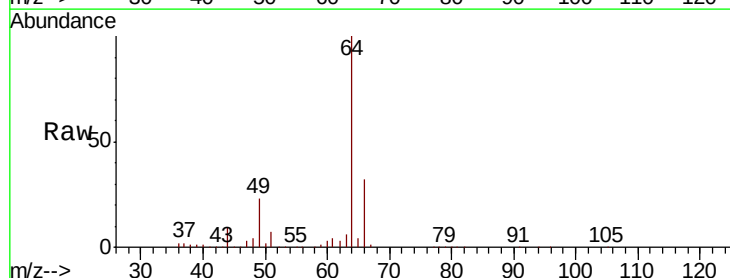
Acq: 28 Aug 2018 18:23

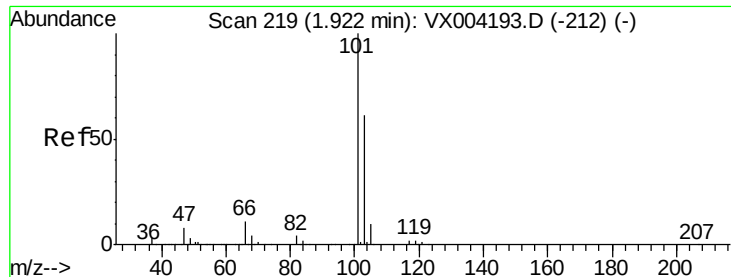
Tgt Ion: 64 Resp: 61418

Ion Ratio Lower Upper

64 100

66 32.3 24.6 36.8



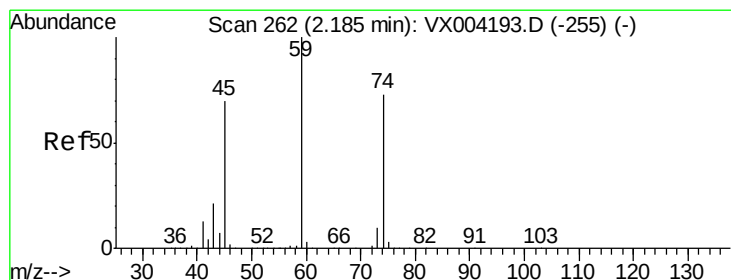
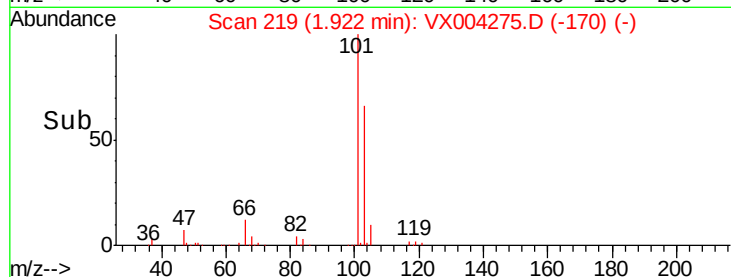
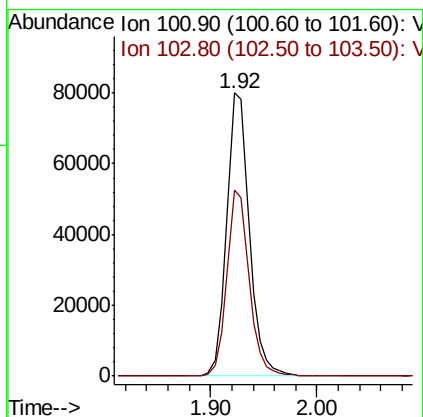
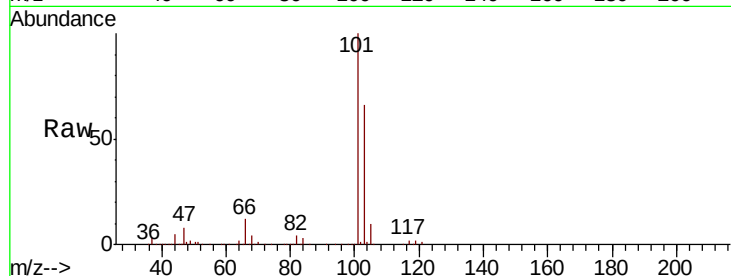


#7

Trichlorofluoromethane
 Concen: 19.12 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

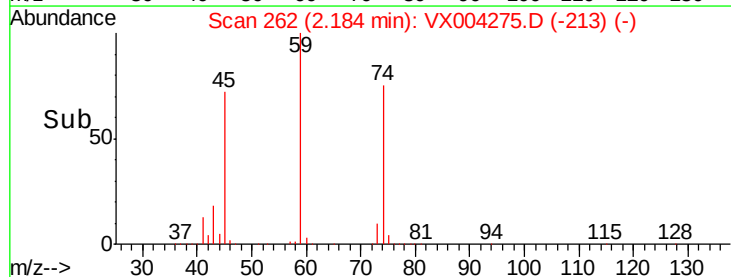
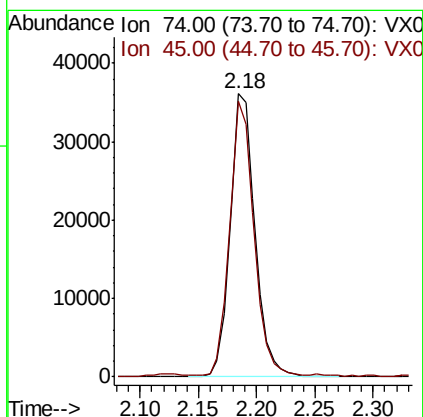
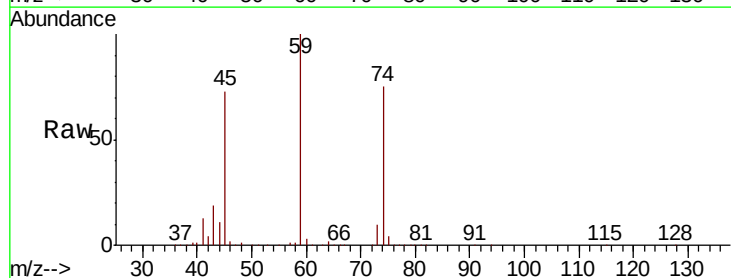
Tot Ion:101 Resp: 120287
 Ion Ratio Lower Upper
 101 100
 103 65.8 48.9 73.3

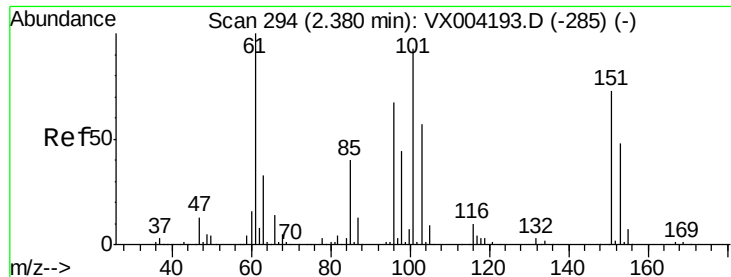


#8

Diethyl Ether
 Concen: 19.92 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion: 74 Resp: 53665
 Ion Ratio Lower Upper
 74 100
 45 94.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.15 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

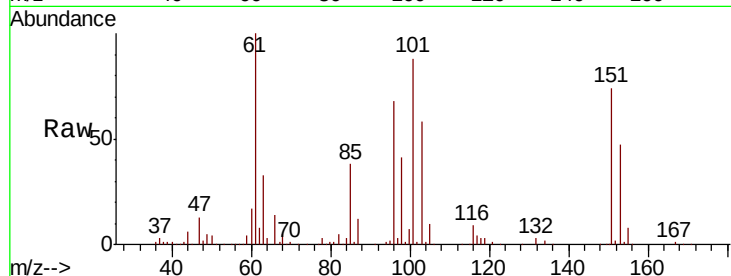
Tot Ion:101 Resp: 75453

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

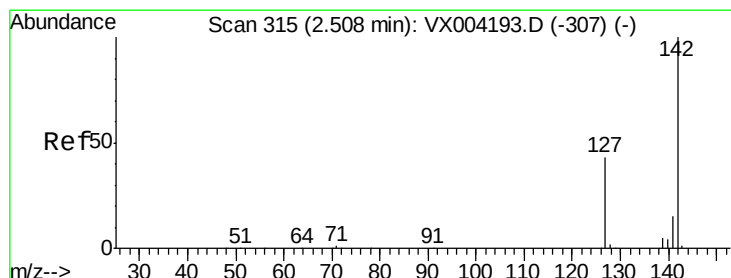
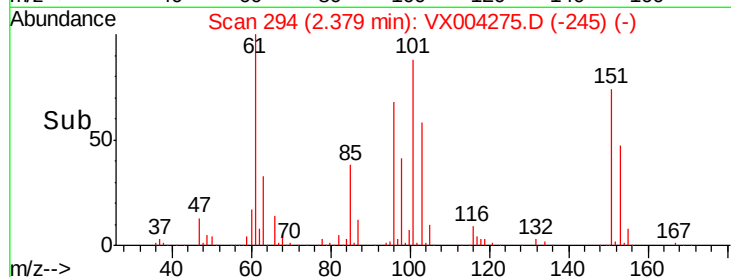
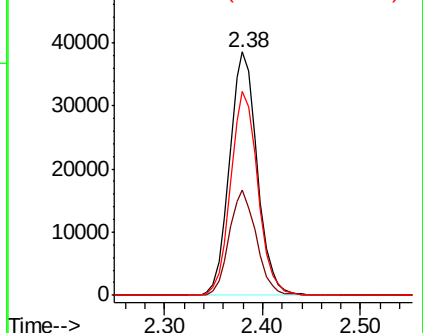
151 82.5 65.0 97.6



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: 18.69 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

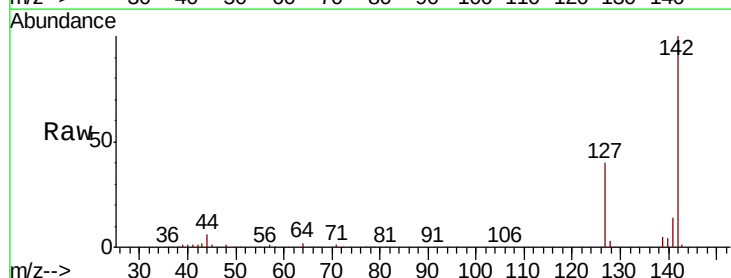
Tgt Ion:142 Resp: 70116

Ion Ratio Lower Upper

142 100

127 40.6 33.8 50.6

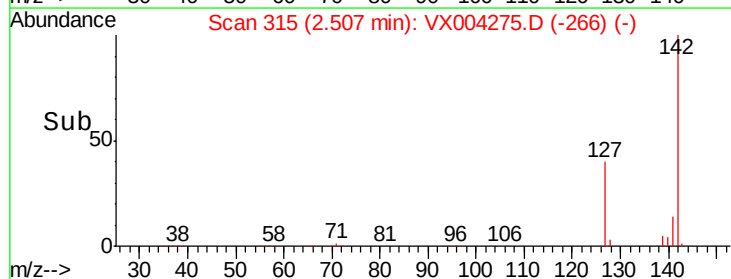
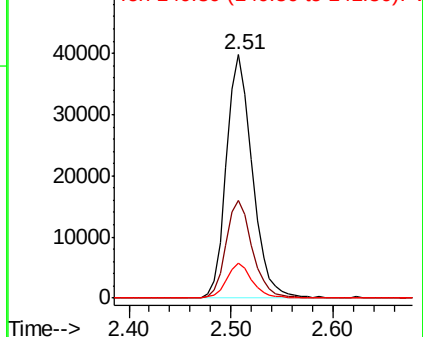
141 14.1 11.4 17.0

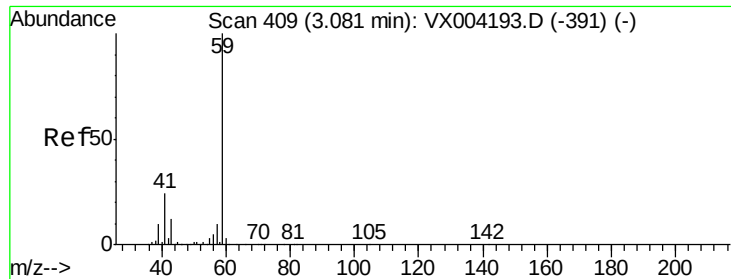


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



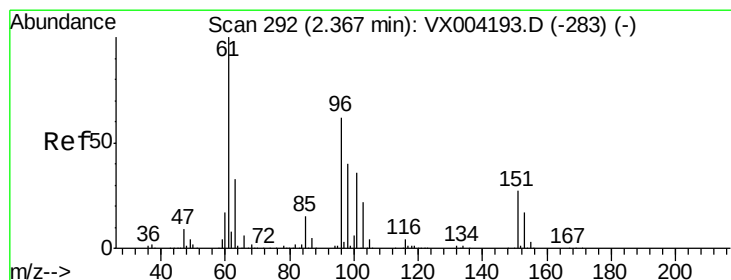
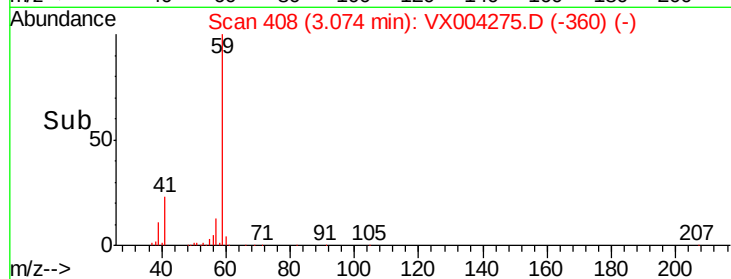
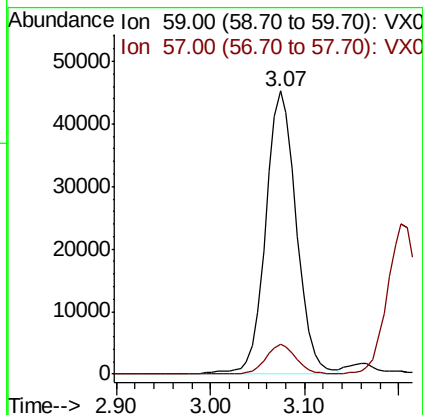
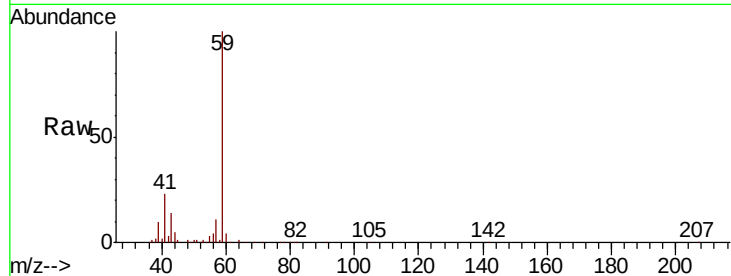


#11

Tert butyl alcohol
 Concen: 105.96 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

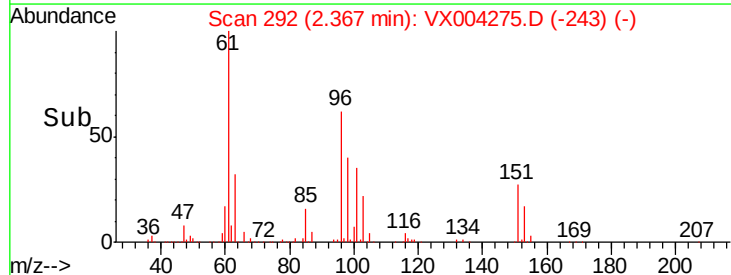
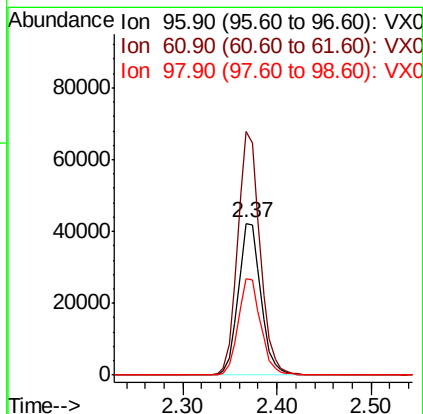
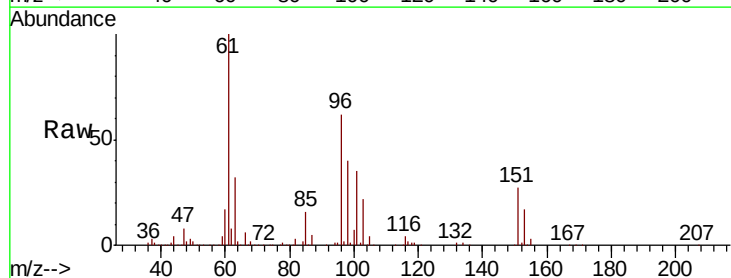
Tot Ion: 59 Resp: 103158
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

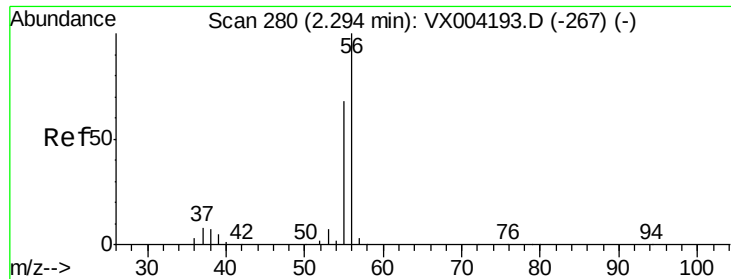


#12

1,1-Dichloroethene
 Concen: 18.96 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion: 96 Resp: 70385
 Ion Ratio Lower Upper
 96 100
 61 160.7 128.8 193.2
 98 63.8 52.2 78.2





#13

Acrolein

Concen: 91.86 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

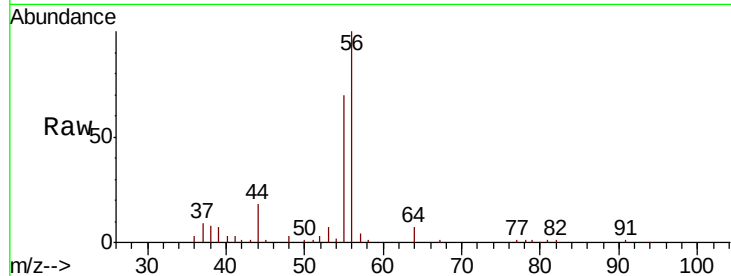
VX0828MBSD01

Tot Ion: 56 Resp: 21561

Ion Ratio Lower Upper

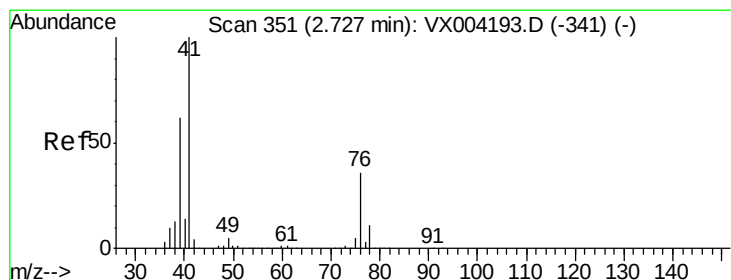
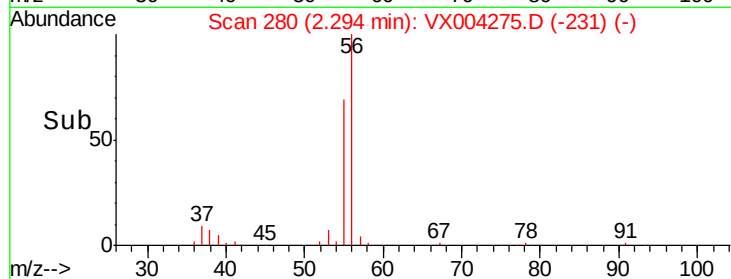
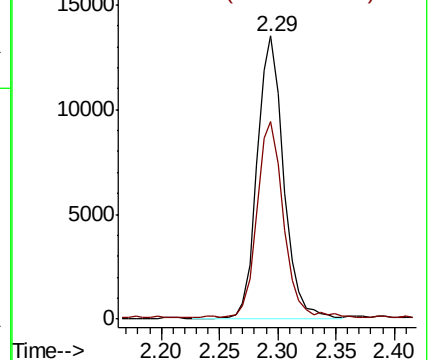
56 100

55 70.3 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.04 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

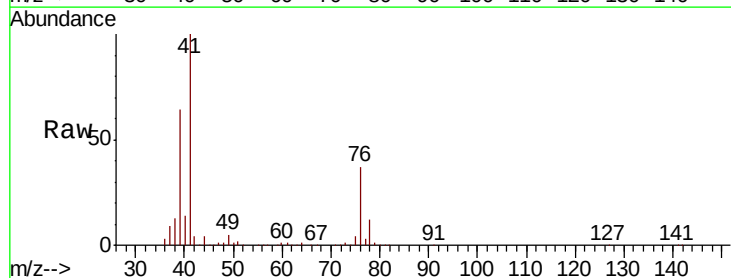
Tgt Ion: 41 Resp: 129838

Ion Ratio Lower Upper

41 100

39 61.0 48.9 73.3

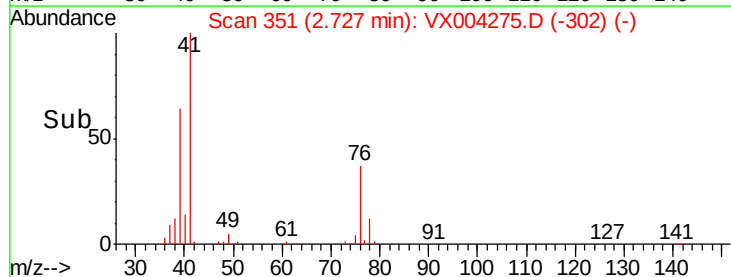
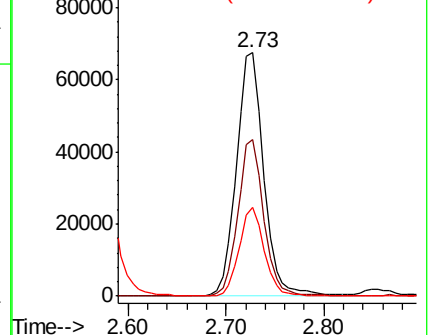
76 34.0 26.7 40.1

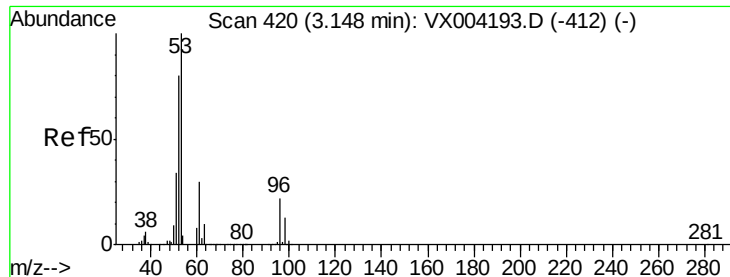


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 97.66 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

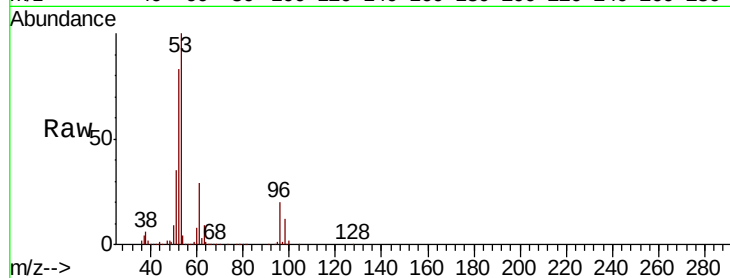
Tot Ion: 53 Resp: 235474

Ion Ratio Lower Upper

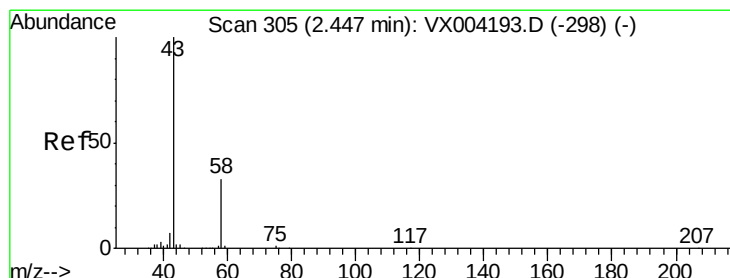
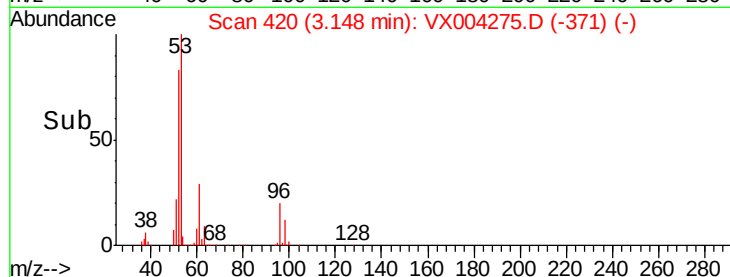
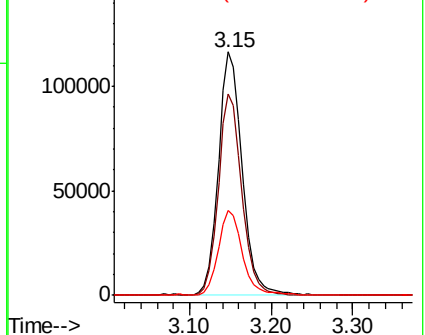
53 100

52 81.5 65.2 97.8

51 35.3 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 99.37 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004275.D

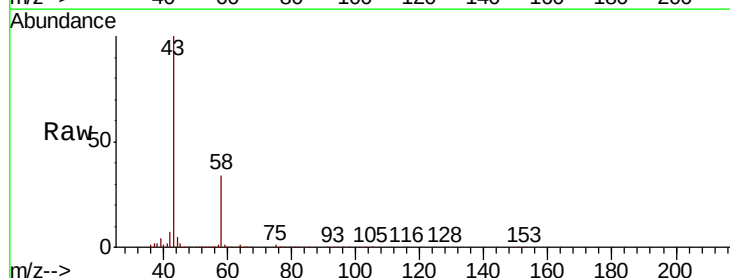
Acq: 28 Aug 2018 18:23

Tgt Ion: 43 Resp: 194337

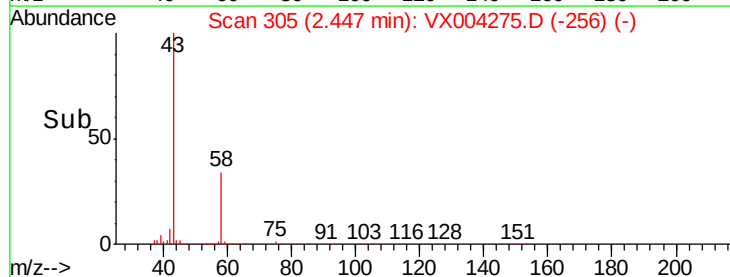
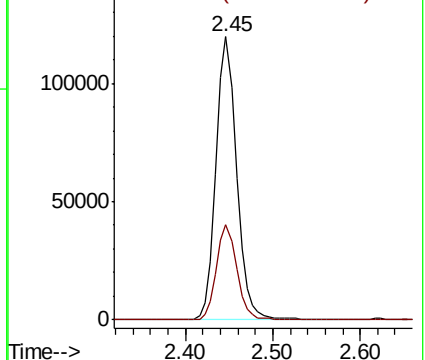
Ion Ratio Lower Upper

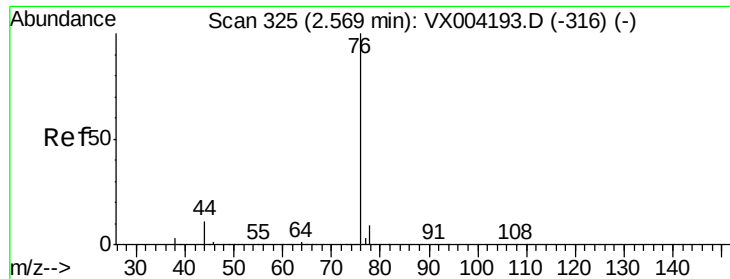
43 100

58 33.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

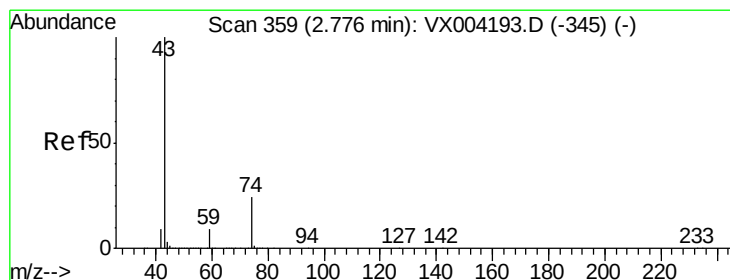
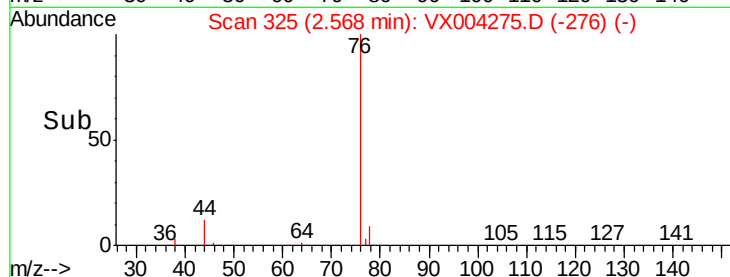
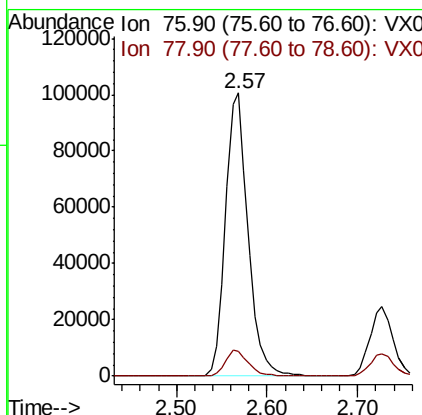
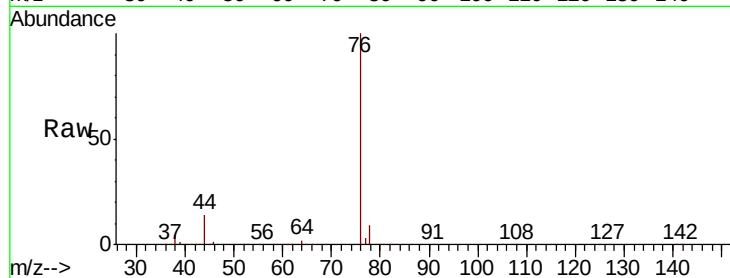




#17
Carbon Disulfide
Concen: 17.37 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

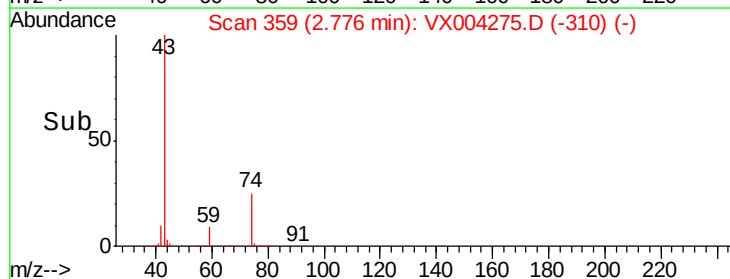
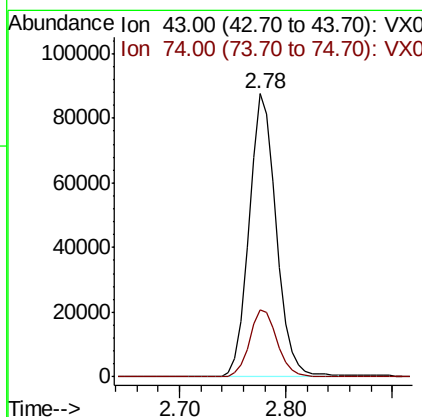
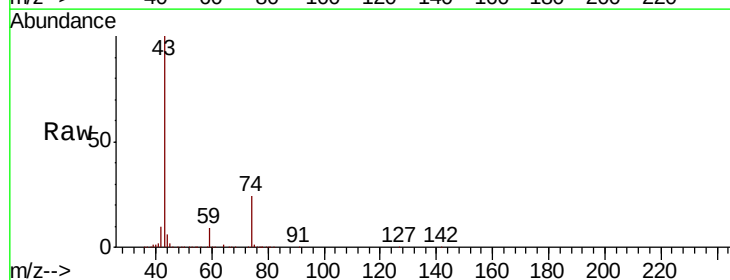
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBSD01

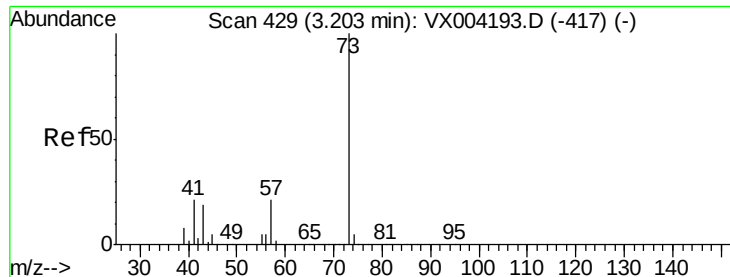
Tot Ion: 76 Resp: 173610
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 23.00 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Tgt Ion: 43 Resp: 155874
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.2



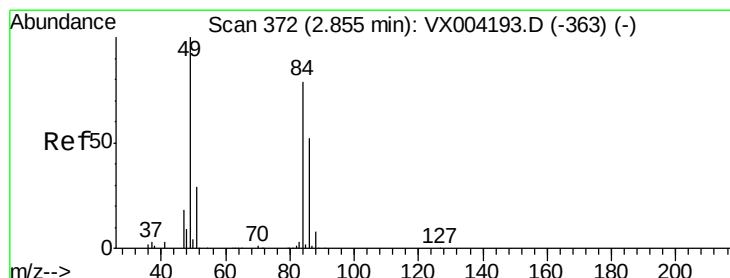
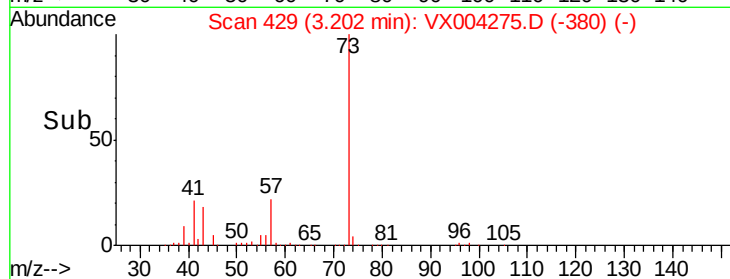
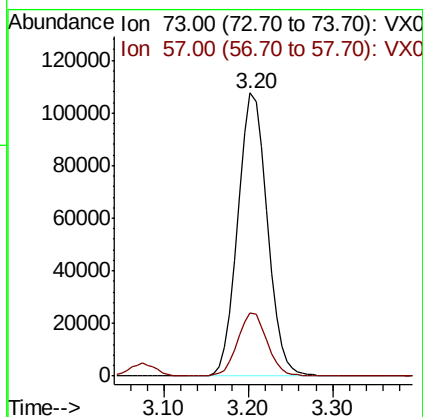
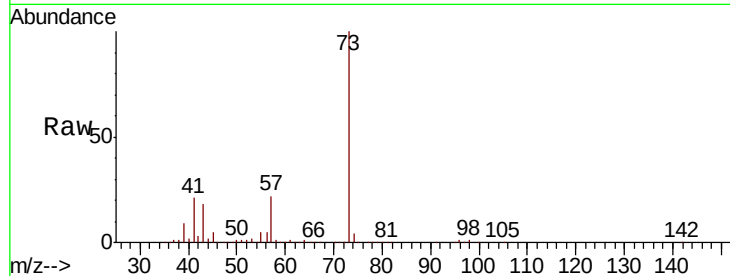


#19

Methyl tert-butyl Ether
 Concen: 20.75 ug/l
 RT: 3.20 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

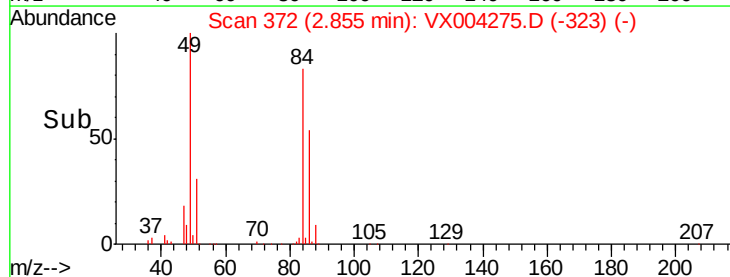
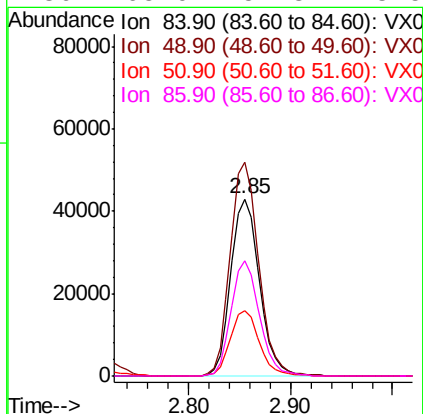
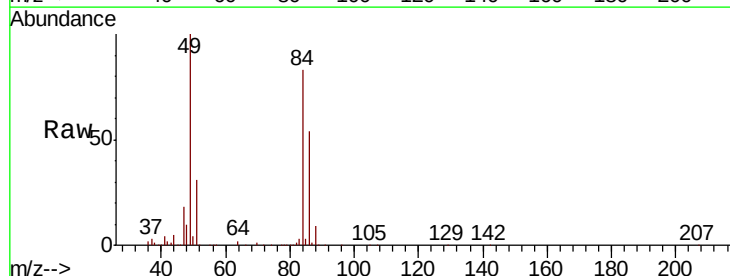
Tot Ion: 73 Resp: 253891
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.1 25.7

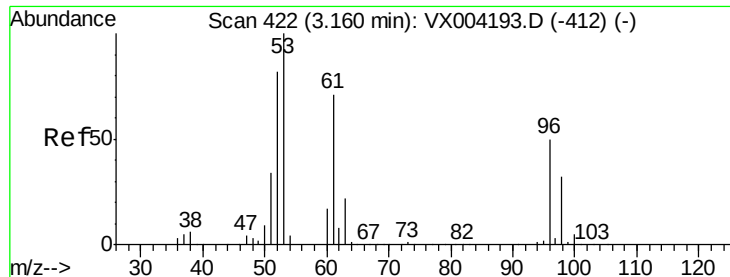


#20

Methylene Chloride
 Concen: 19.02 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion: 84 Resp: 83617
 Ion Ratio Lower Upper
 84 100
 49 120.7 101.2 151.8
 51 37.2 29.5 44.3
 86 65.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.60 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

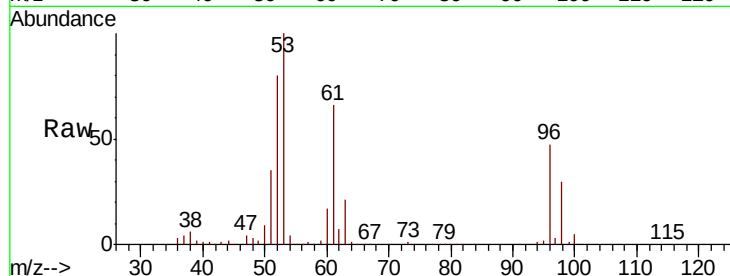
Tot Ion: 96 Resp: 76442

Ion Ratio Lower Upper

96 100

61 139.4 113.8 170.6

98 63.4 51.8 77.8

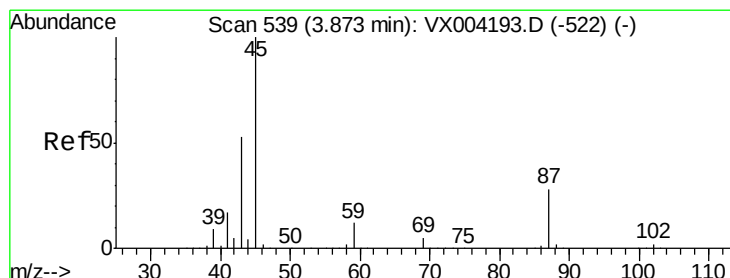
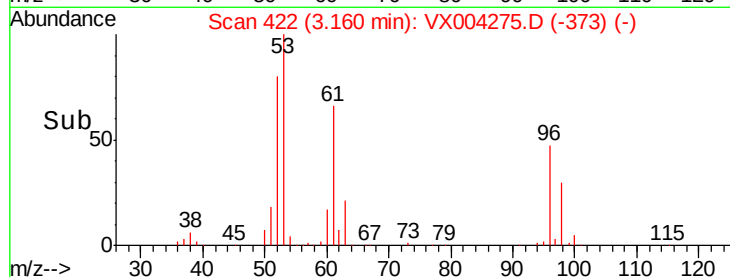
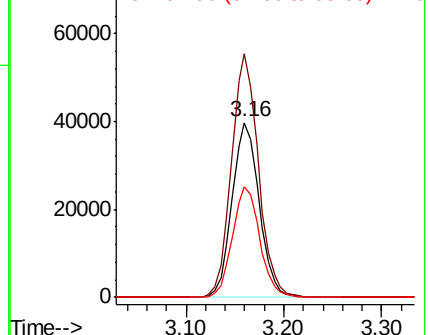


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.52 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Tgt Ion: 45 Resp: 248546

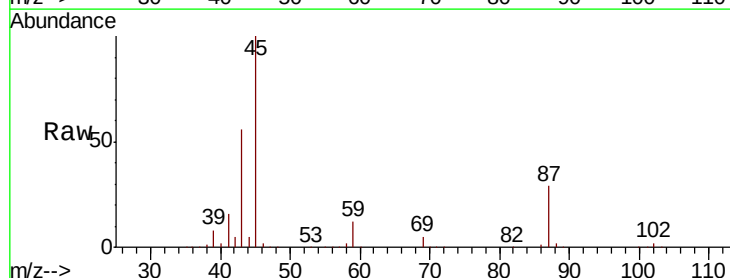
Ion Ratio Lower Upper

45 100

43 55.6 42.8 64.2

87 28.6 22.6 34.0

59 11.9 9.6 14.4



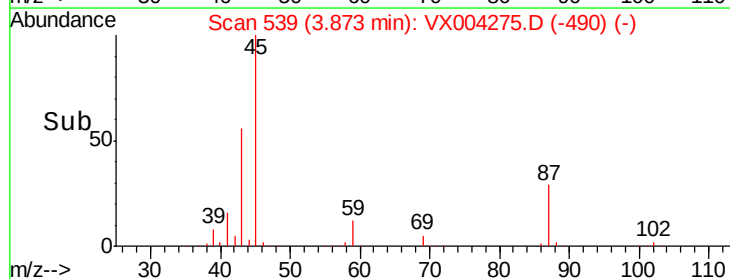
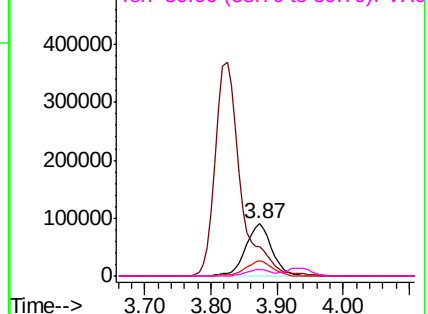
Abundance

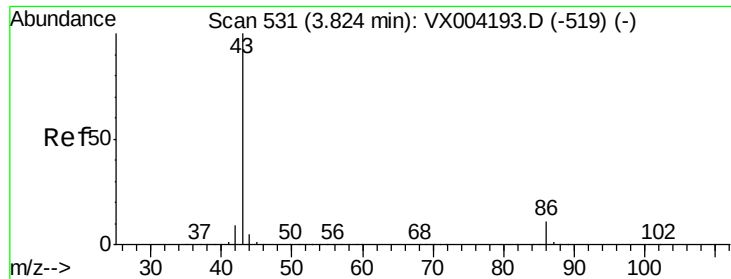
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

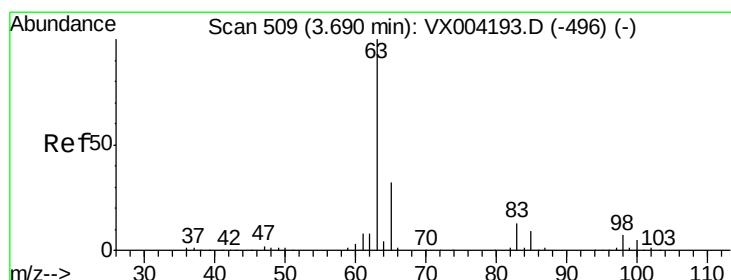
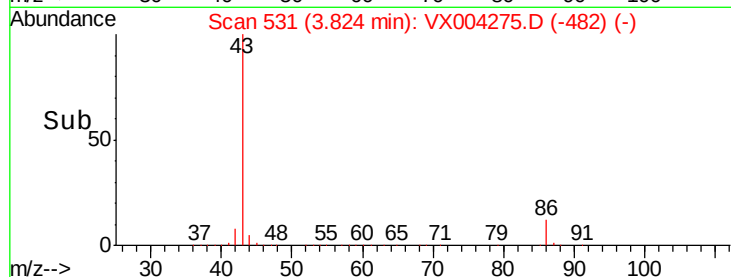
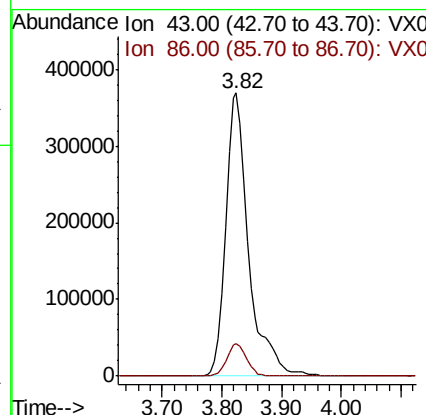
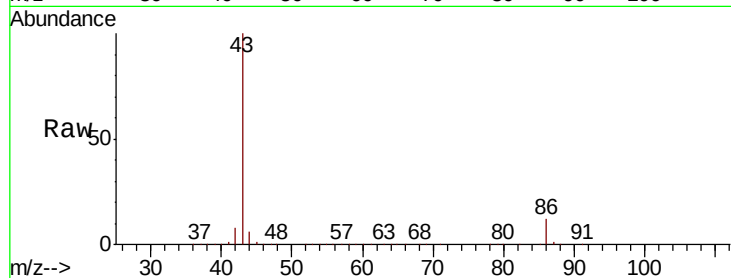




#23
 Vinyl Acetate
 Concen: 95.34 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

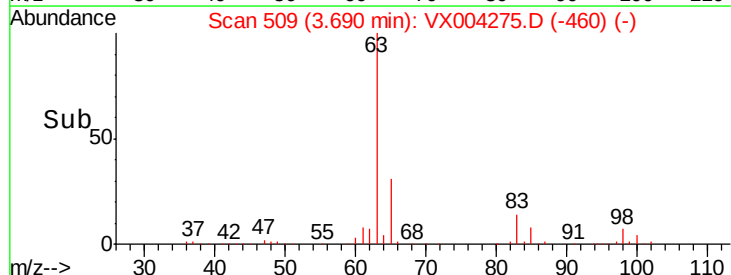
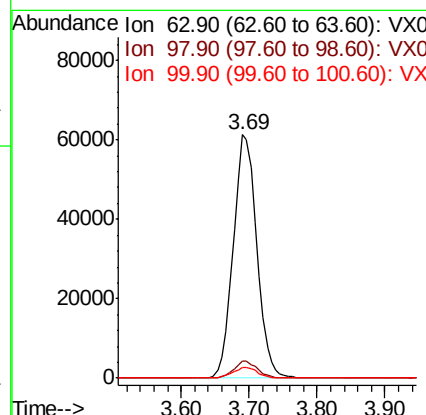
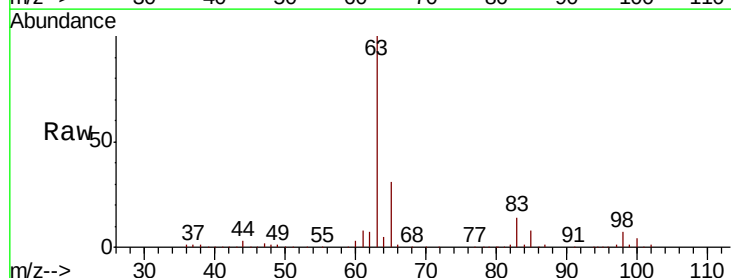
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

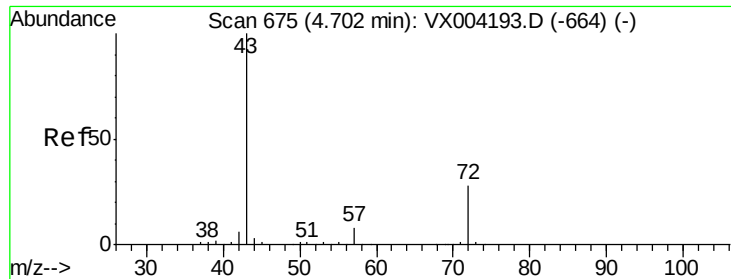
Tot Ion: 43 Resp: 984061
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.80 ug/l
 RT: 3.69 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion: 63 Resp: 146908
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.3 2.4 7.1





#25

2-Butanone

Concen: 99.01 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

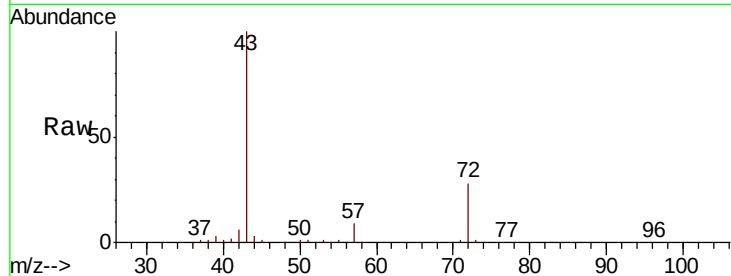
VX0828MBSD01

Tot Ion: 43 Resp: 308277

Ion Ratio Lower Upper

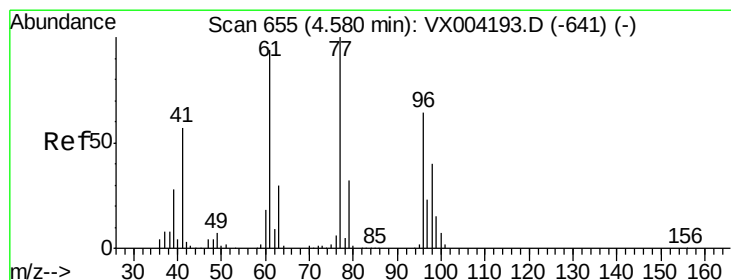
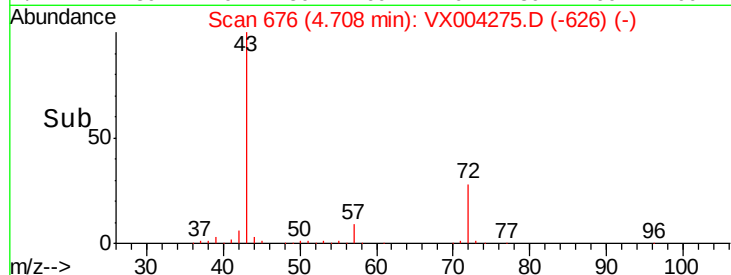
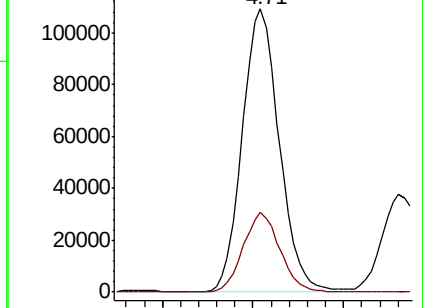
43 100

72 28.3 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.82 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX004275.D

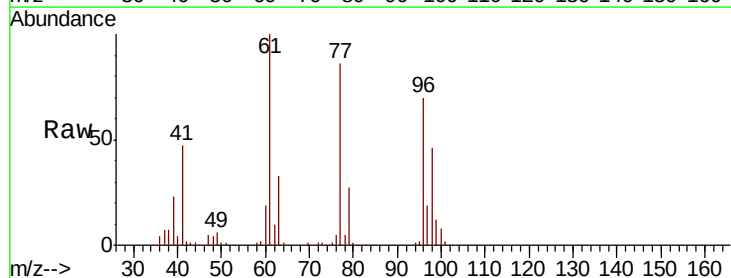
Acq: 28 Aug 2018 18:23

Tgt Ion: 77 Resp: 109534

Ion Ratio Lower Upper

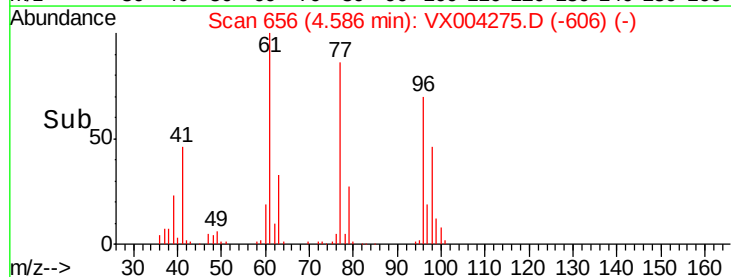
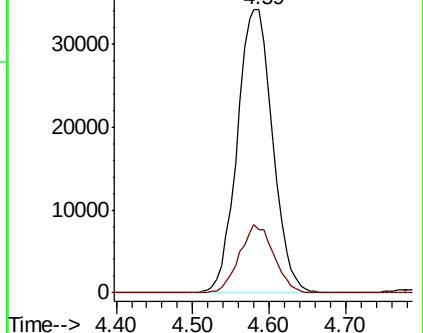
77 100

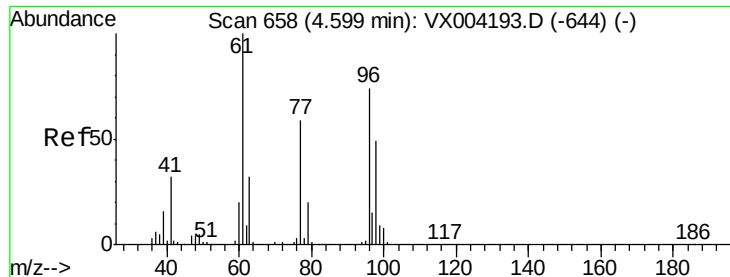
97 23.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



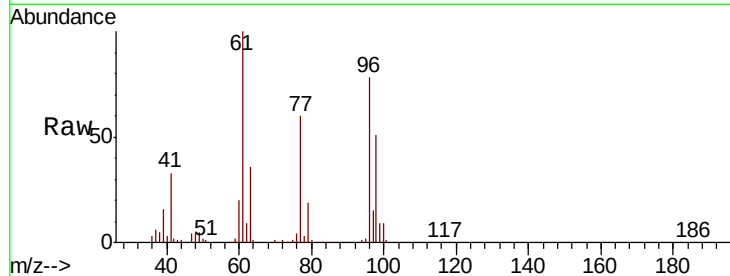


#27

cis-1,2-Dichloroethene
Concen: 19.42 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBSD01

Tot Ion	96	Resp	90498
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	282.6
98	63.8	0.0	130.2

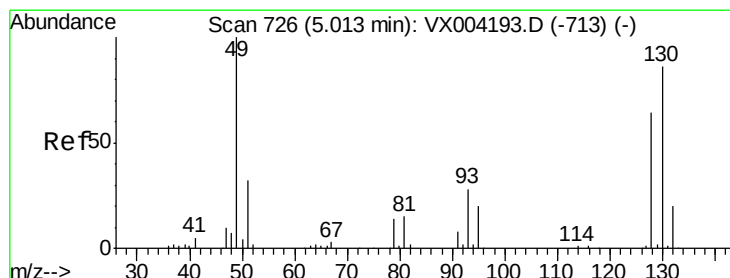
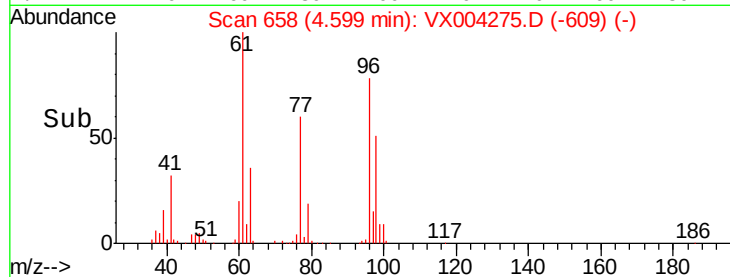
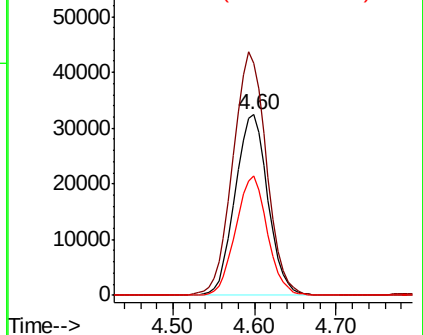


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

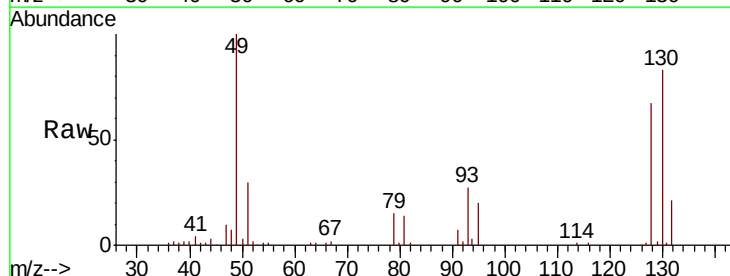
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 19.84 ug/l
RT: 5.01 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Tgt Ion	49	Resp	65190
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	85.2	67.5	101.3

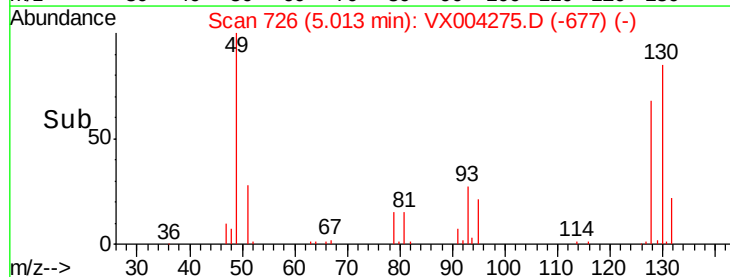
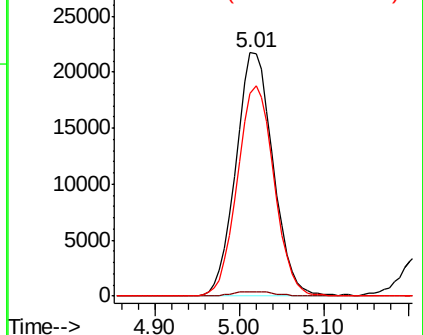


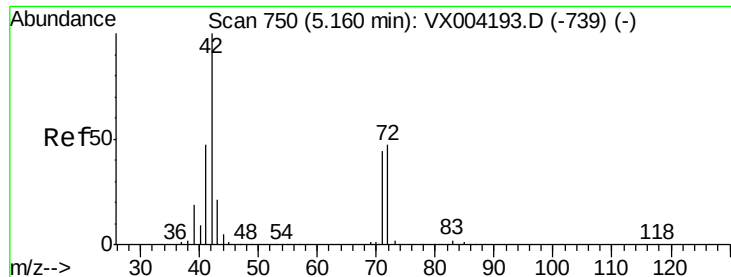
Abundance

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: 100.43 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

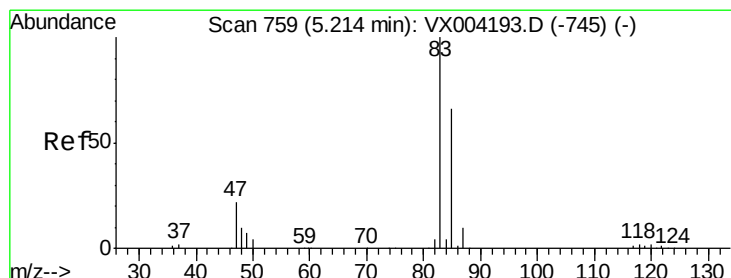
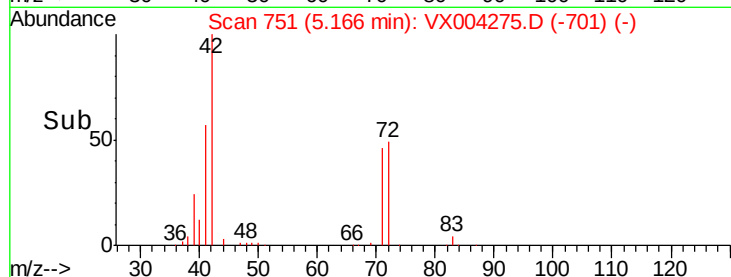
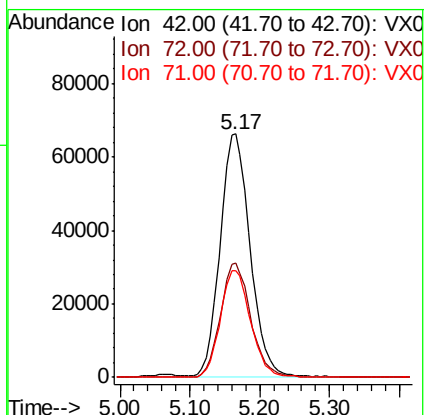
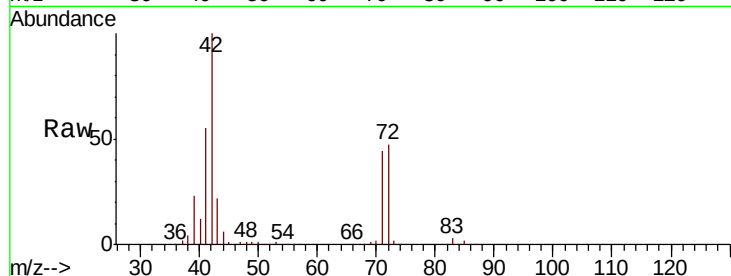
Tot Ion: 42 Resp: 197068

Ion Ratio Lower Upper

42 100

72 47.6 37.4 56.0

71 44.2 34.5 51.7



#30

Chloroform

Concen: 19.37 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004275.D

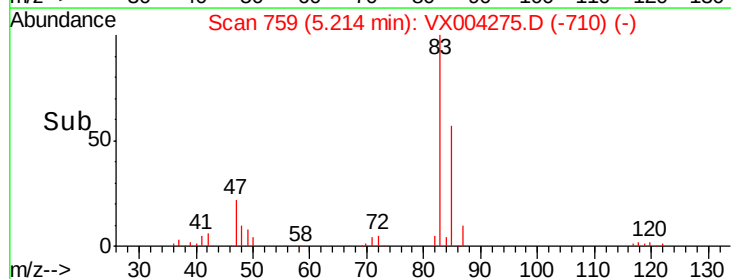
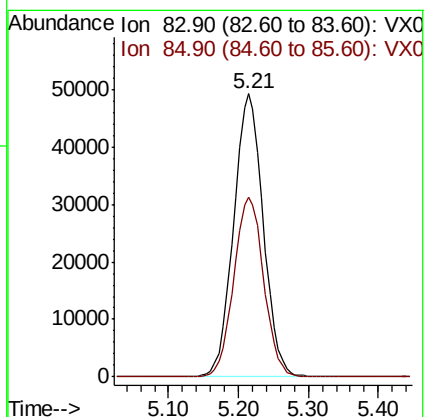
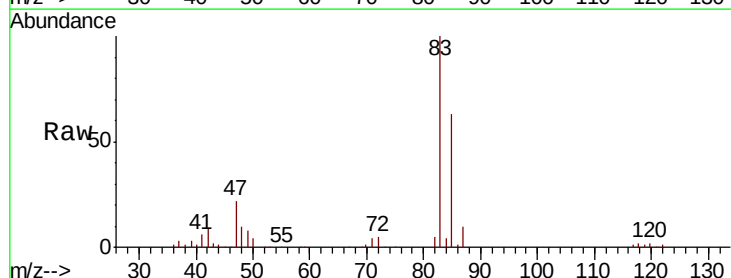
Acq: 28 Aug 2018 18:23

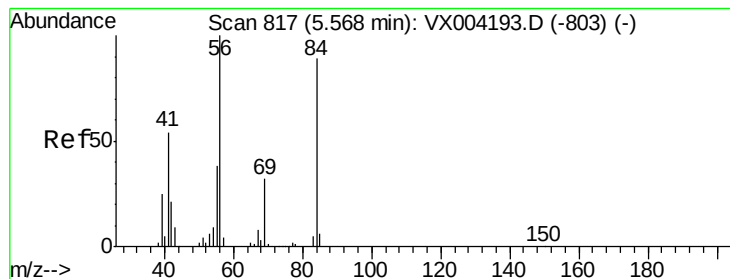
Tgt Ion: 83 Resp: 144119

Ion Ratio Lower Upper

83 100

85 63.4 52.6 79.0





#31

Cyclohexane

Concen: 18.99 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

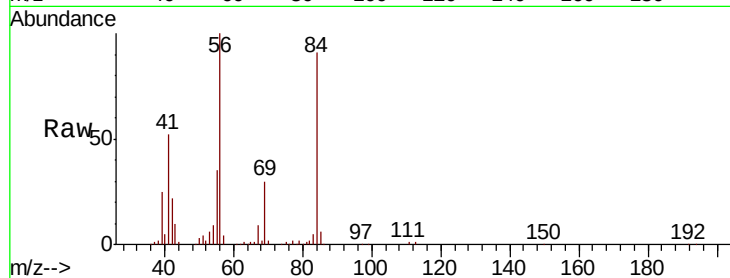
Tot Ion: 56 Resp: 121629

Ion Ratio Lower Upper

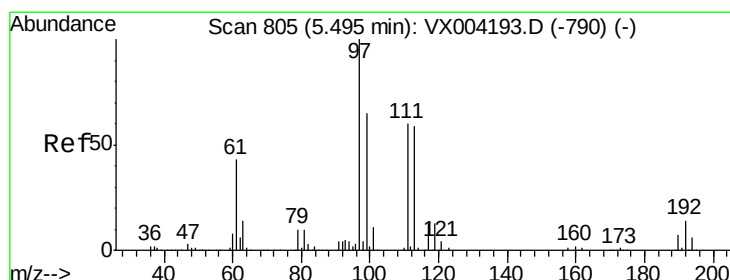
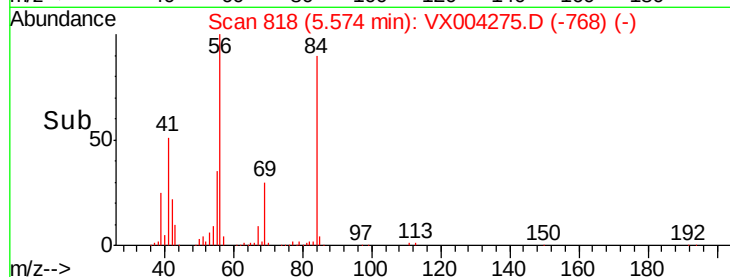
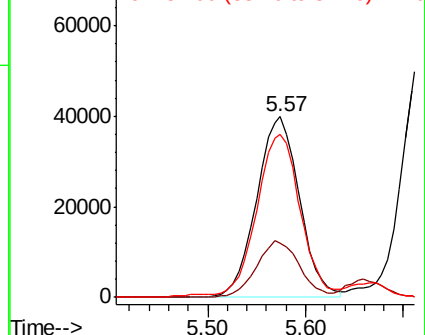
56 100

69 29.6 25.4 38.2

84 89.1 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.51 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

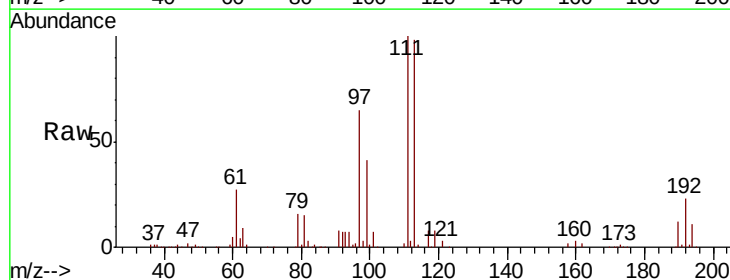
Tgt Ion: 97 Resp: 121065

Ion Ratio Lower Upper

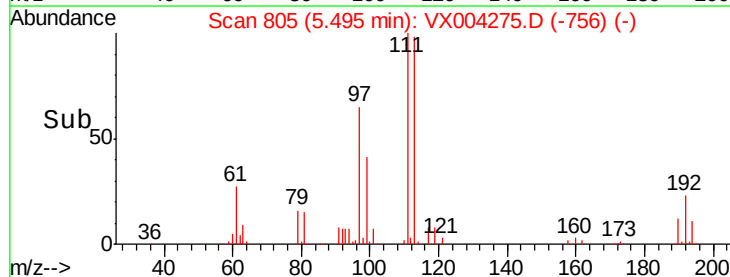
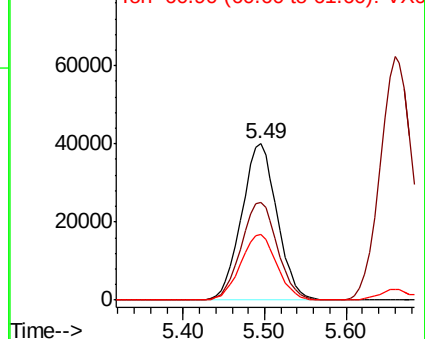
97 100

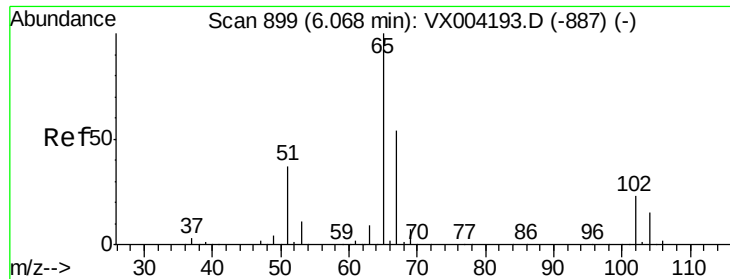
99 63.8 52.0 78.0

61 43.0 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

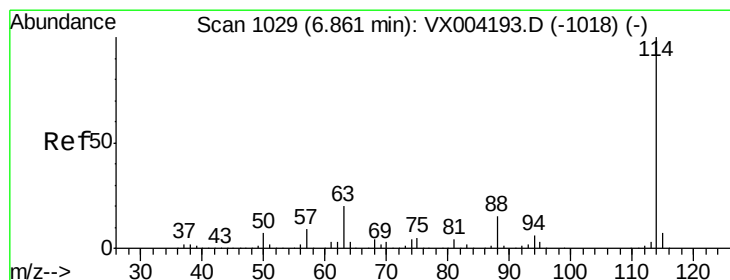
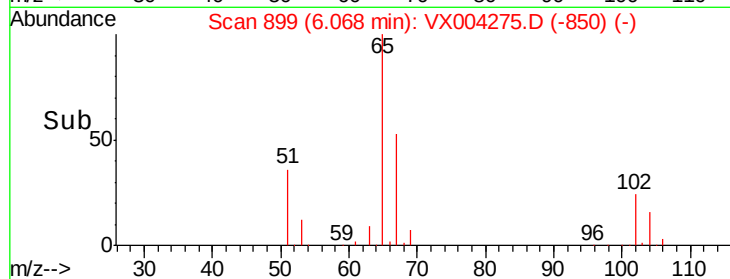
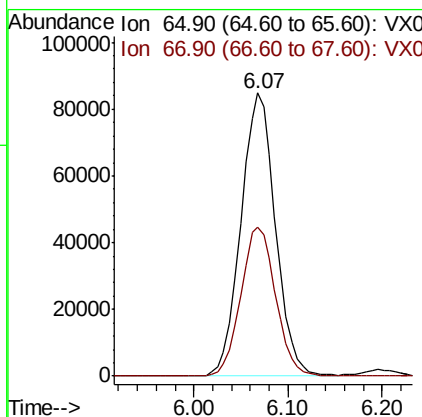
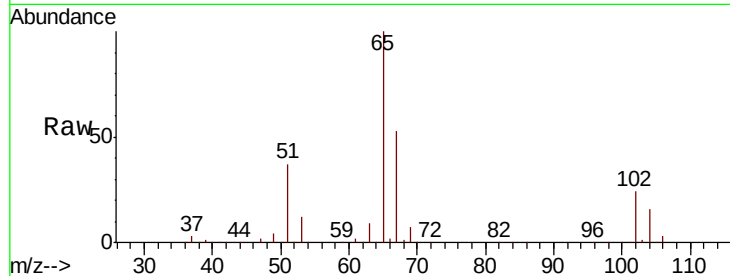




#33
 1,2-Dichloroethane-d4
 Concen: 47.57 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

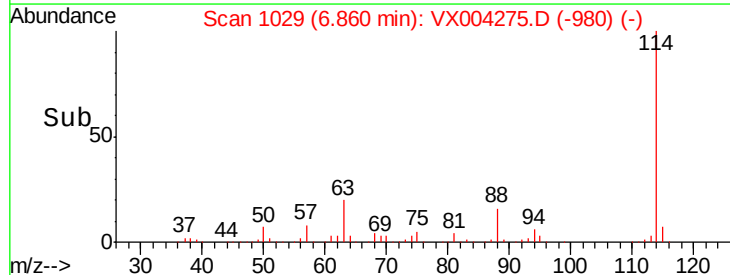
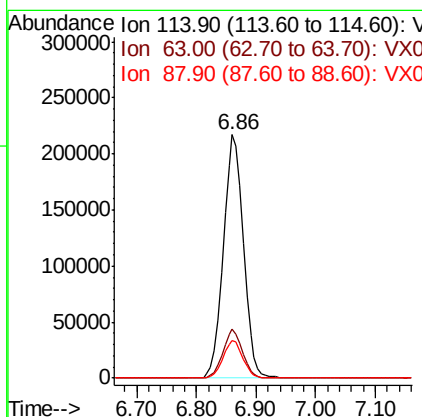
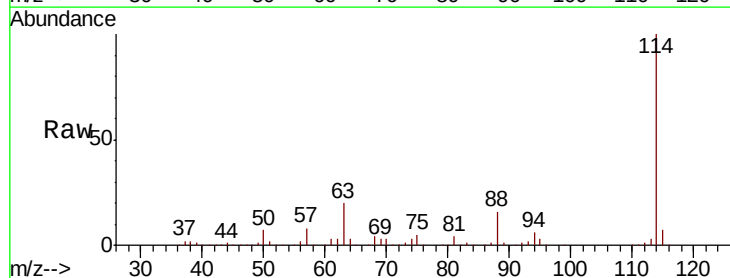
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

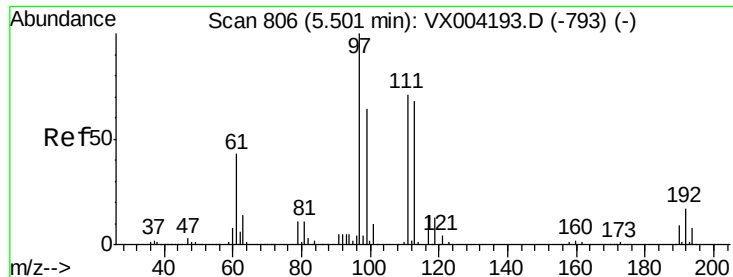
Tot Ion: 65 Resp: 217261
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion: 114 Resp: 508914
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.6 0.0 30.4

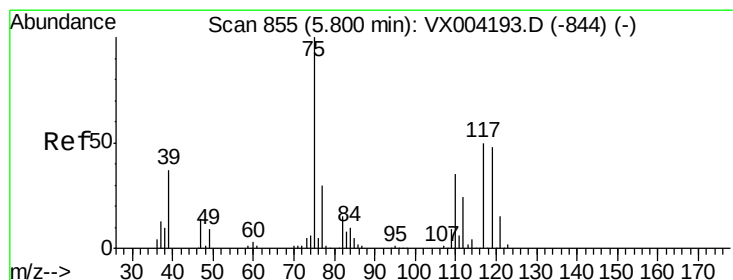
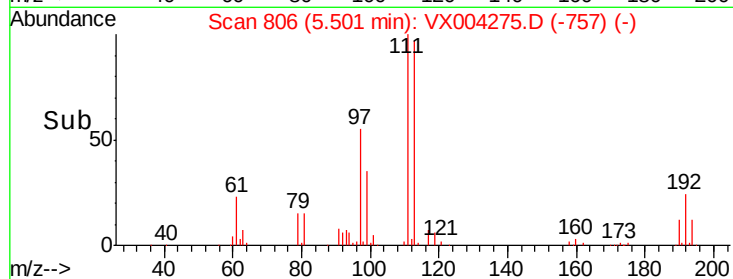
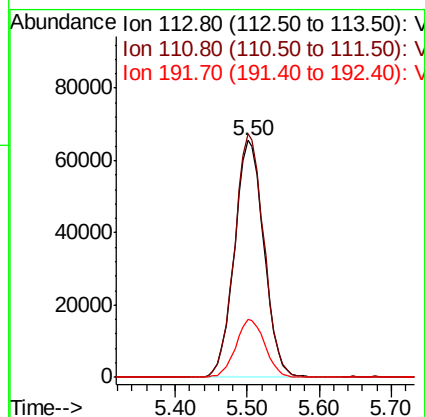
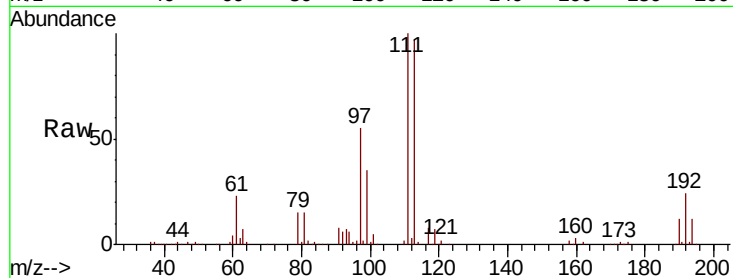




#35
 Dibromofluoromethane
 Concen: 49.24 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

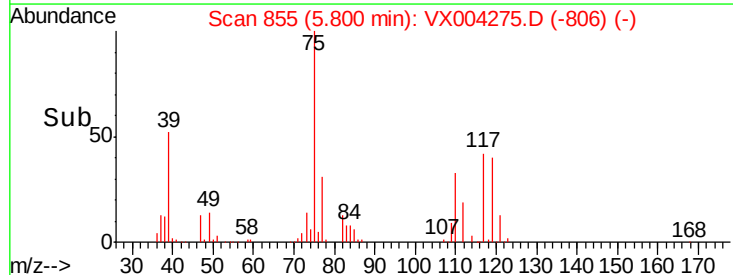
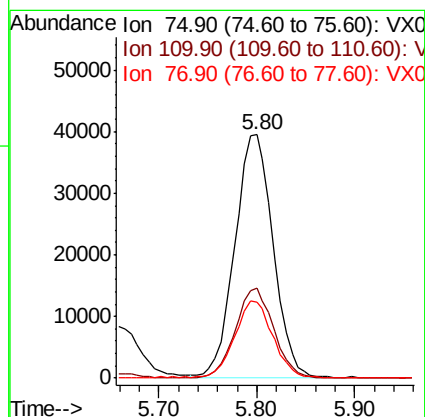
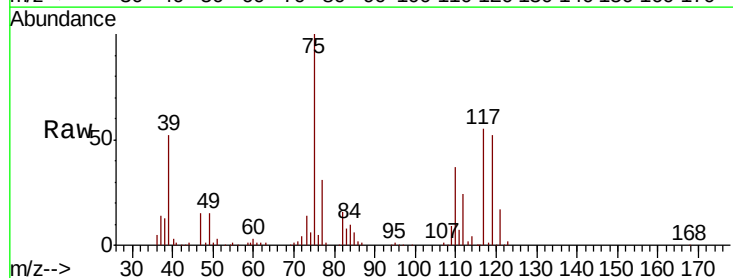
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

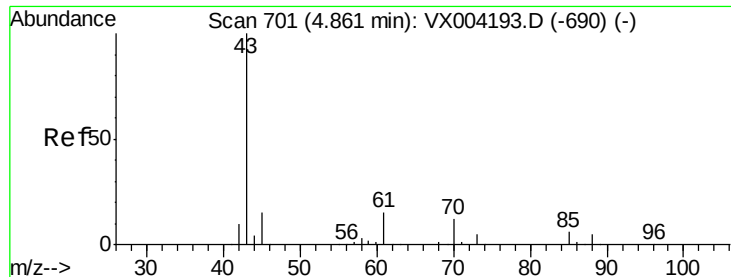
Tot Ion:113 Resp: 186426
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 24.1 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 18.62 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion: 75 Resp: 106543
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.0 54.0
 77 31.5 24.6 36.8





#37

Ethyl Acetate

Concen: 19.93 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

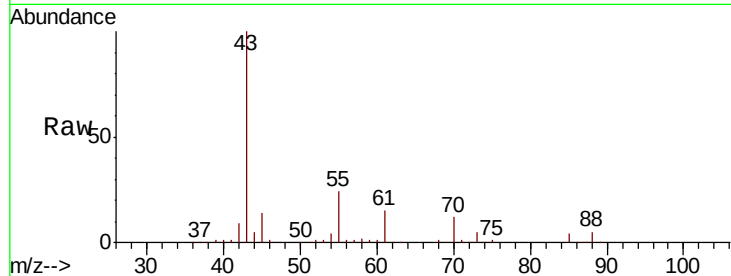
Tot Ion: 43 Resp: 112141

Ion Ratio Lower Upper

43 100

61 14.7 11.5 17.3

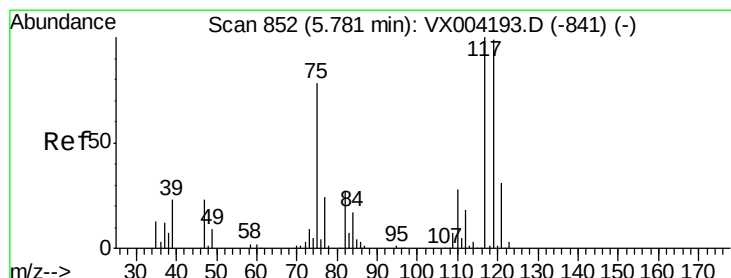
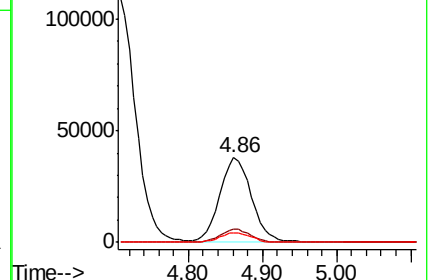
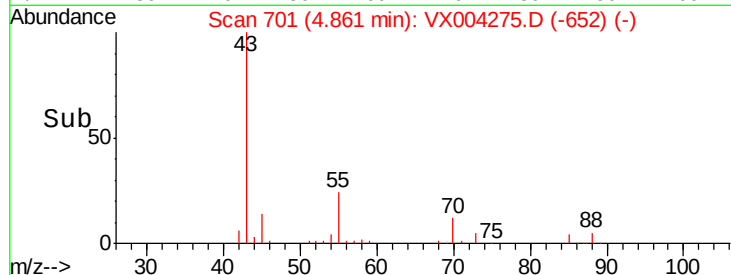
70 11.6 9.0 13.6



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: 18.88 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

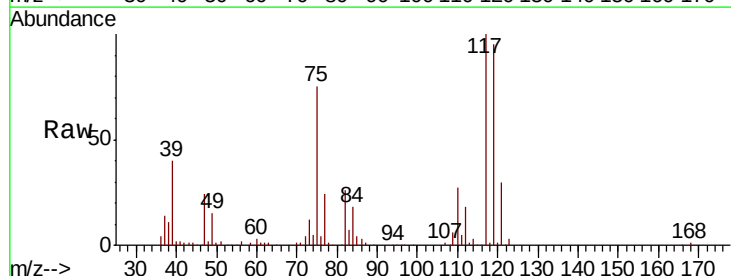
Tgt Ion: 117 Resp: 101637

Ion Ratio Lower Upper

117 100

119 94.8 78.8 118.2

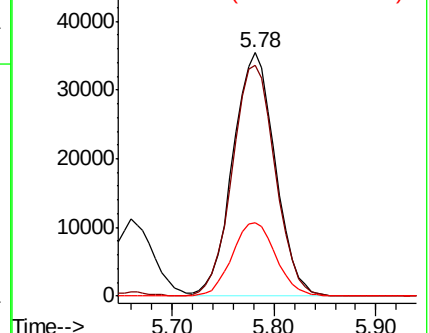
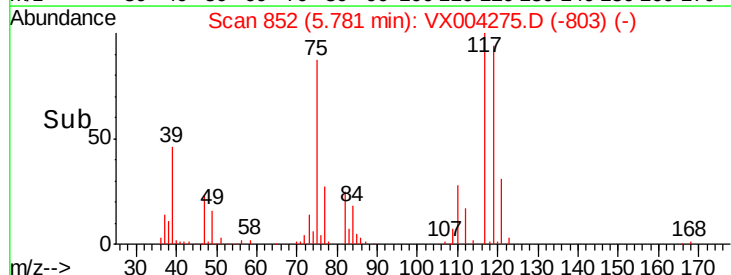
121 30.3 24.9 37.3

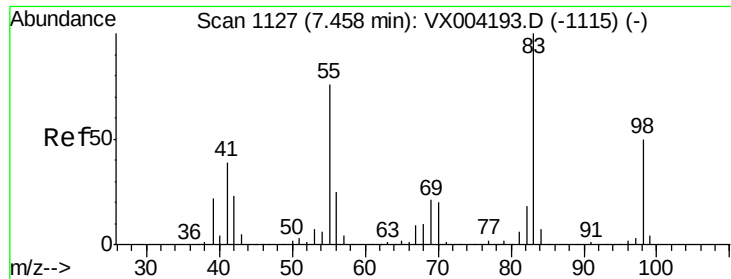


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

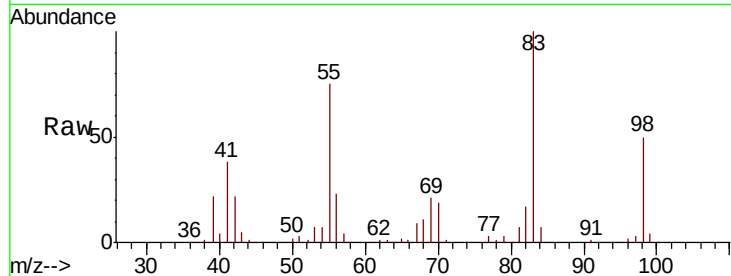




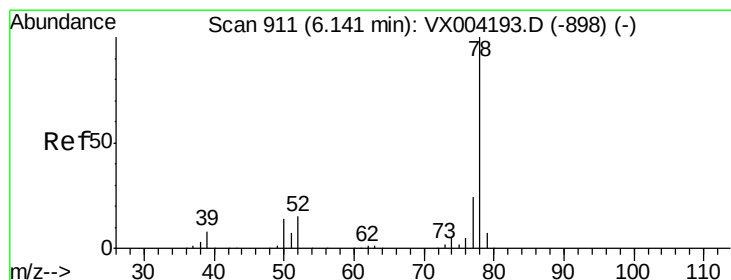
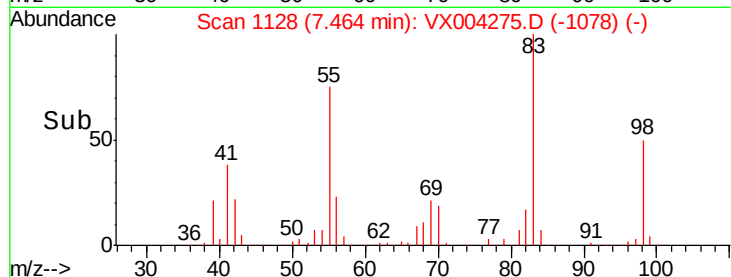
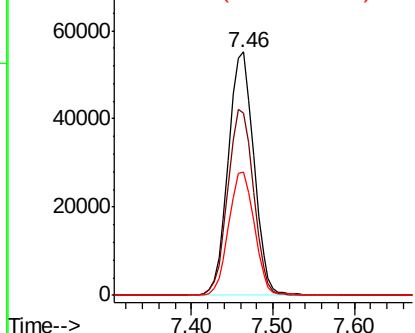
#39
Methylvlcyclohexane
Concen: 18.35 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	61.0	91.4
98	50.5	39.6	59.4

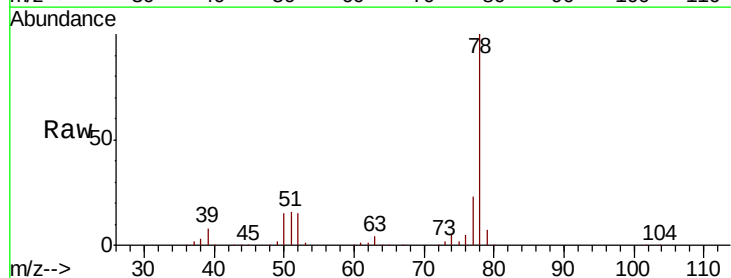


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

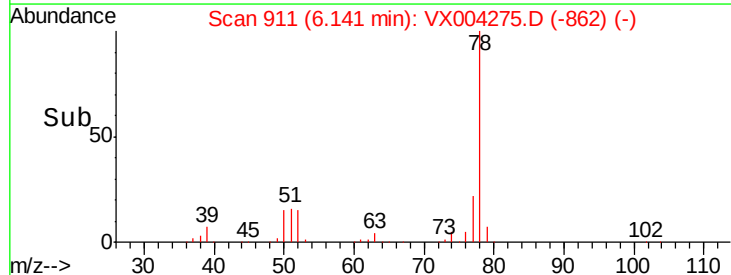
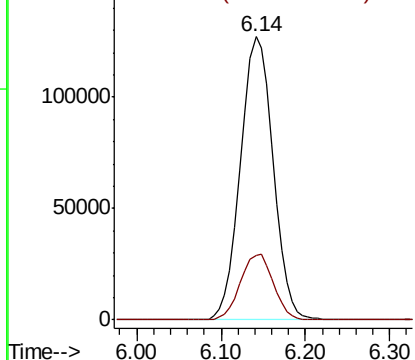


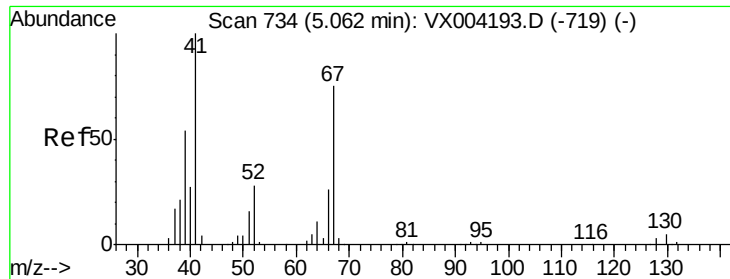
#40
Benzene
Concen: 19.51 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.98 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

Tot Ion: 41 Resp: 65175

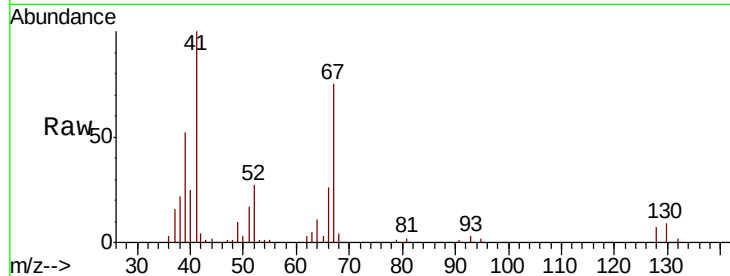
Ion Ratio Lower Upper

41 100

39 53.0 42.4 63.6

67 75.0 59.2 88.8

52 29.8 23.0 34.4

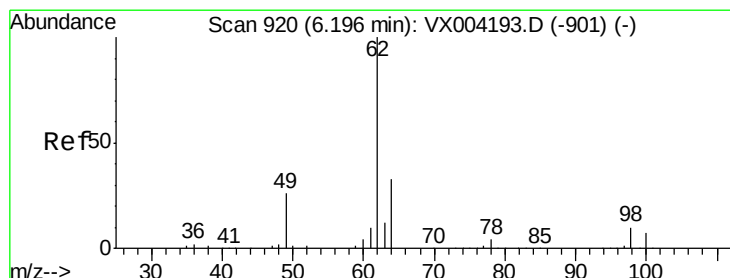
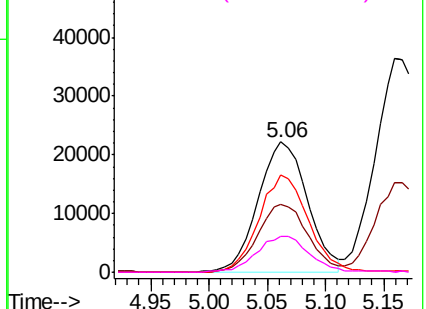
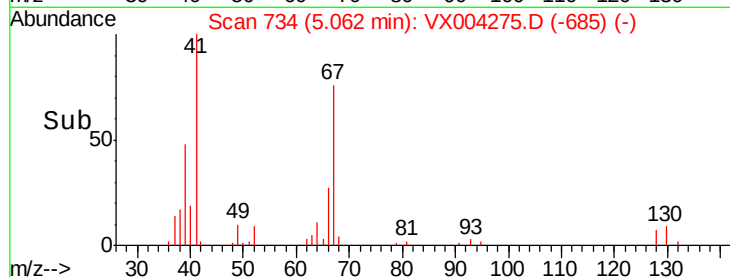


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.39 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.00 min

Lab File: VX004275.D

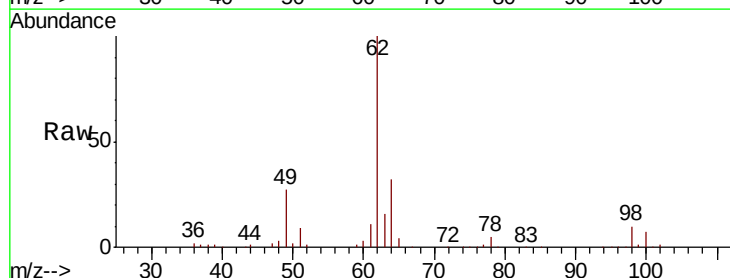
Acq: 28 Aug 2018 18:23

Tgt Ion: 62 Resp: 113047

Ion Ratio Lower Upper

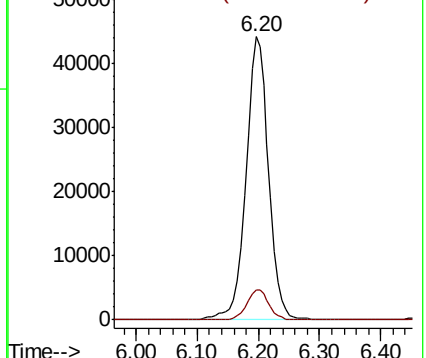
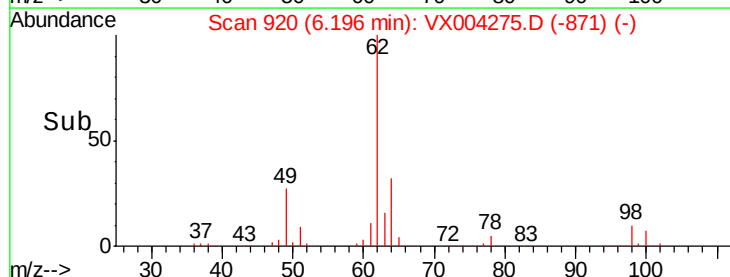
62 100

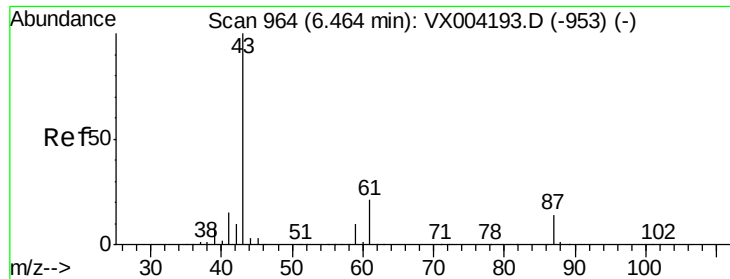
98 10.5 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.15 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

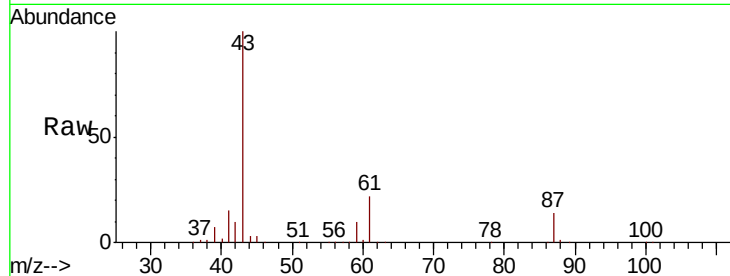
Tot Ion: 43 Resp: 174264

Ion Ratio Lower Upper

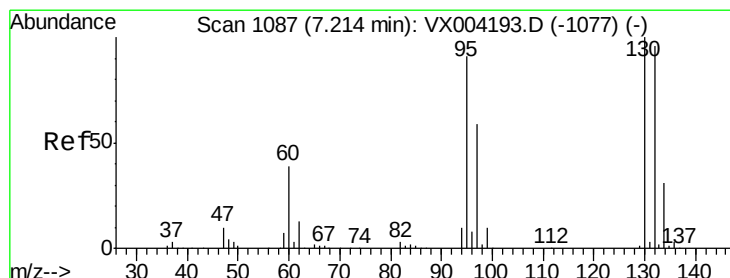
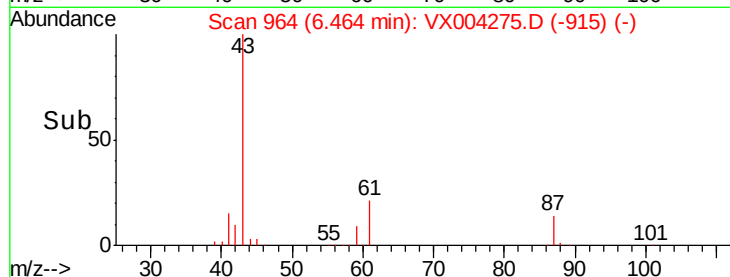
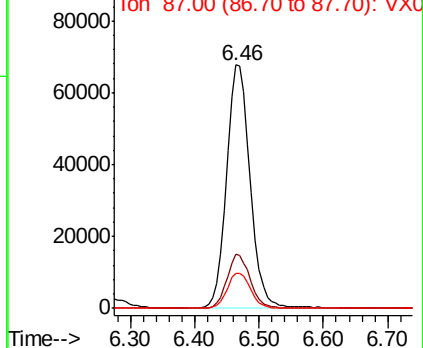
43 100

61 21.7 17.0 25.4

87 14.5 11.4 17.2



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: 19.20 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004275.D

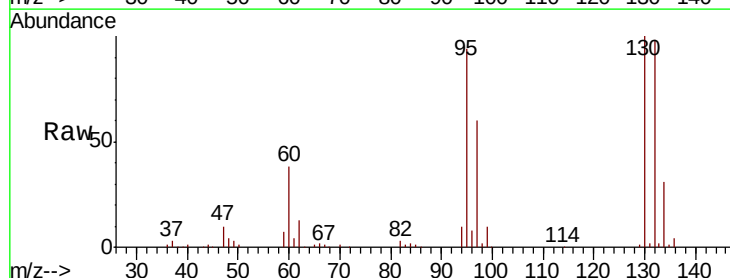
Acq: 28 Aug 2018 18:23

Tgt Ion:130 Resp: 90854

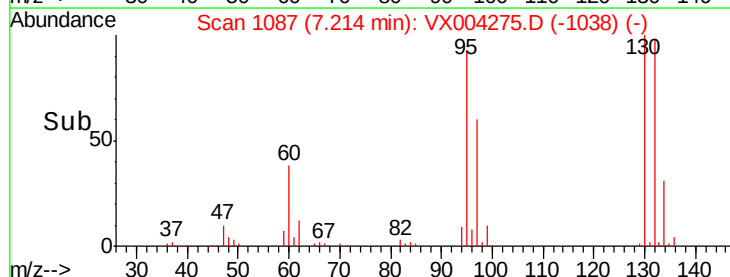
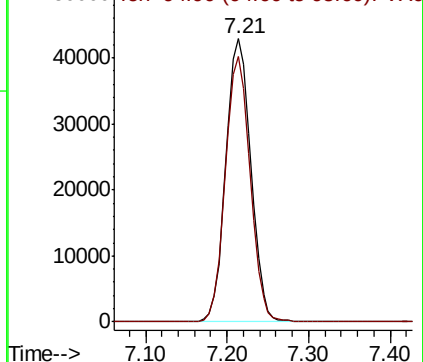
Ion Ratio Lower Upper

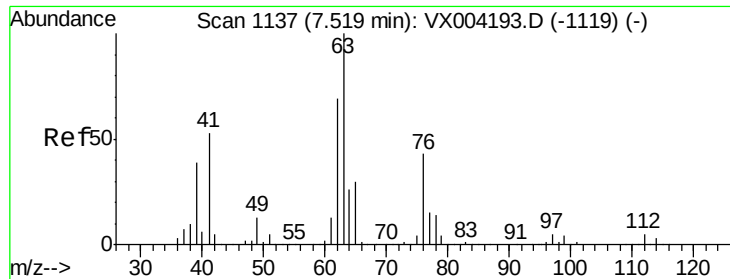
130 100

95 93.7 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

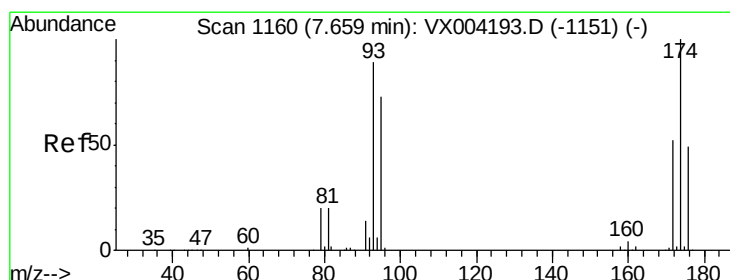
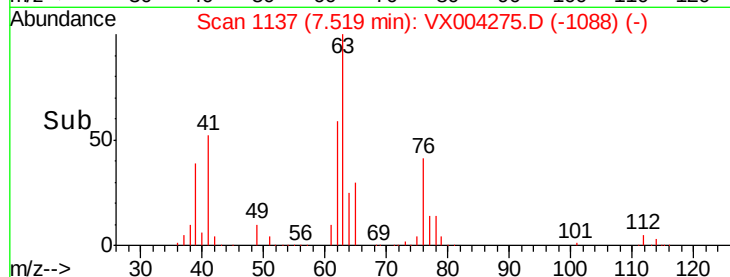
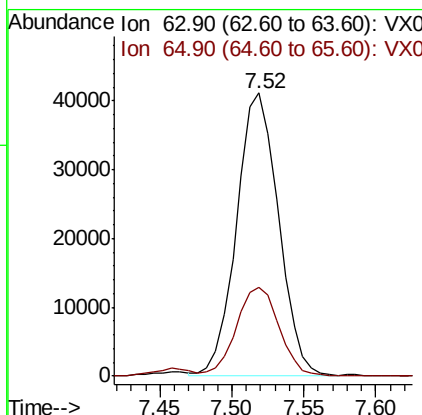
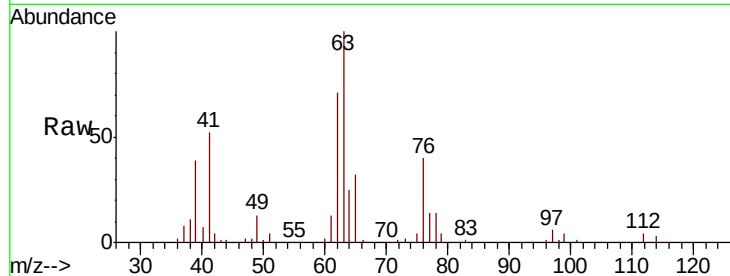




#45
 1,2-Dichloropropane
 Concen: 19.29 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

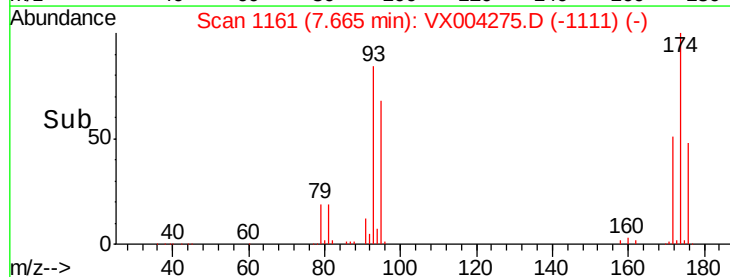
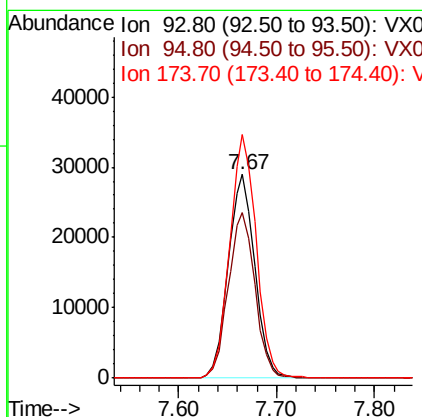
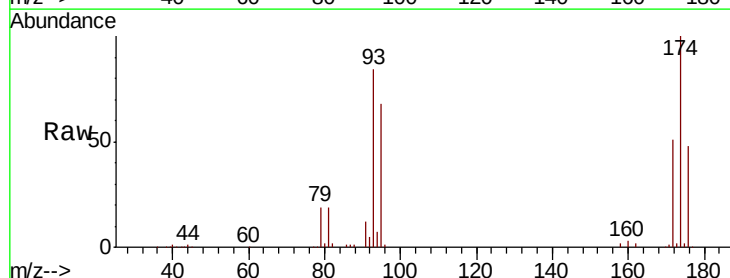
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

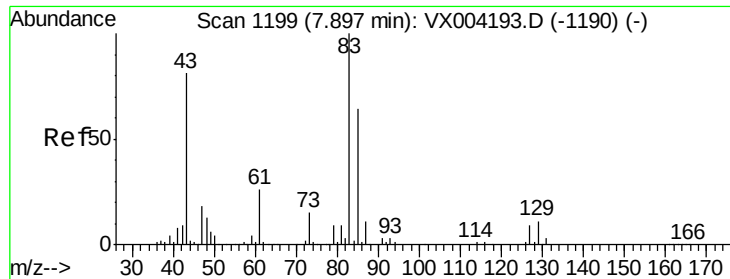
Tot Ion: 63 Resp: 82517
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.3 36.5



#46
 Dibromomethane
 Concen: 19.16 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion: 93 Resp: 54598
 Ion Ratio Lower Upper
 93 100
 95 81.7 65.5 98.3
 174 119.3 94.2 141.4





#47

Bromodichloromethane

Concen: 18.83 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

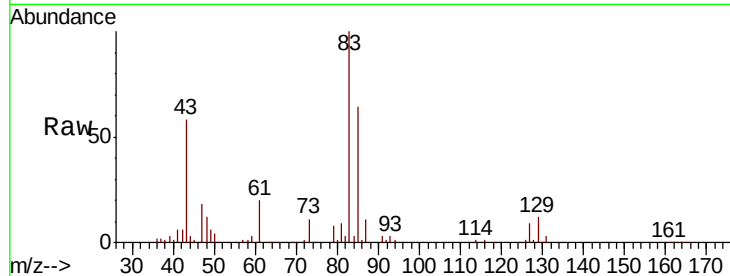
Tot Ion: 83 Resp: 99838

Ion Ratio Lower Upper

83 100

85 64.3 50.9 76.3

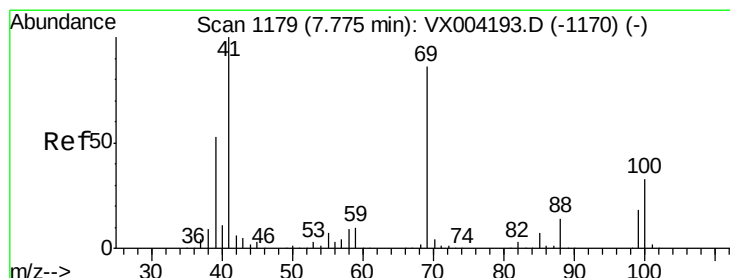
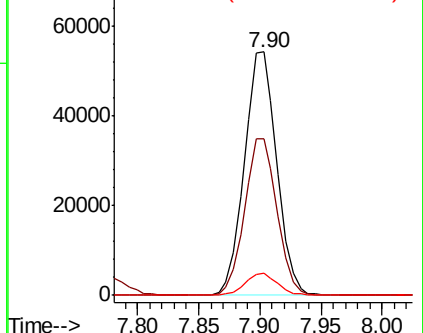
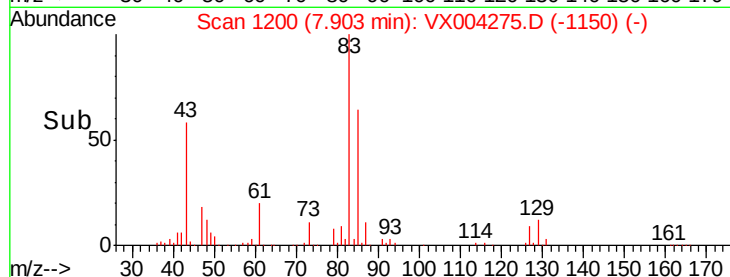
127 8.9 7.3 10.9



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: 19.60 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

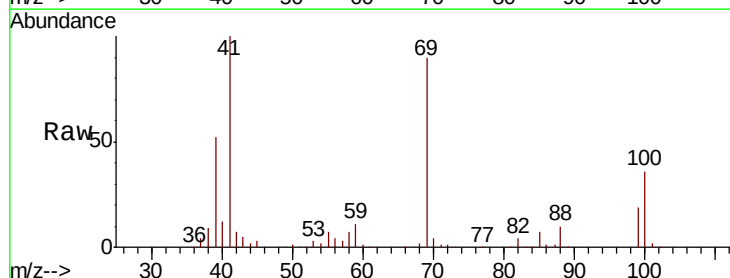
Tgt Ion: 41 Resp: 90688

Ion Ratio Lower Upper

41 100

69 89.4 70.2 105.4

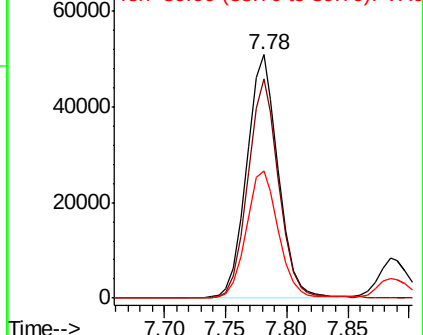
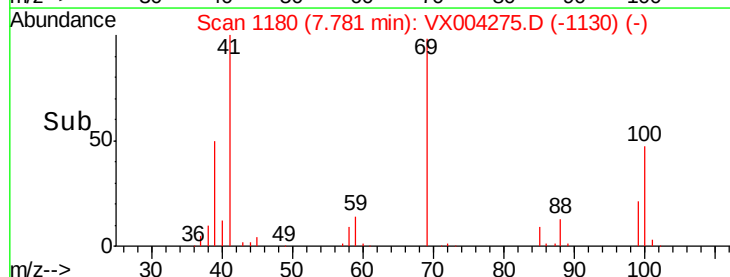
39 53.3 42.7 64.1

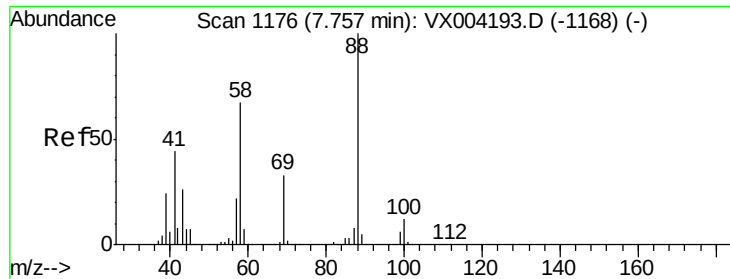


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

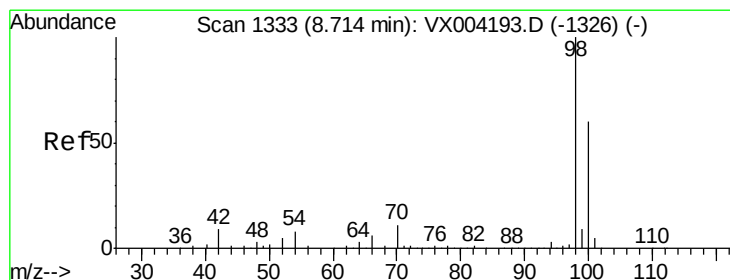
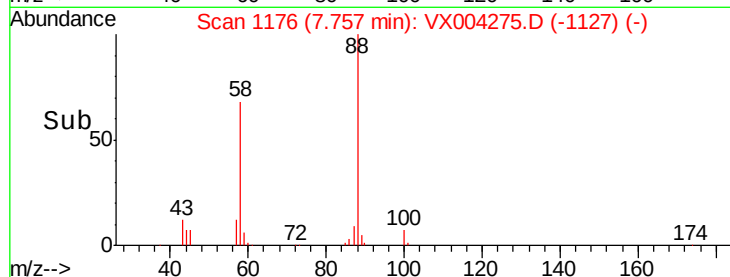
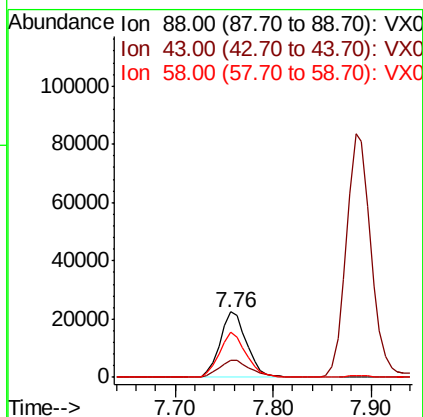
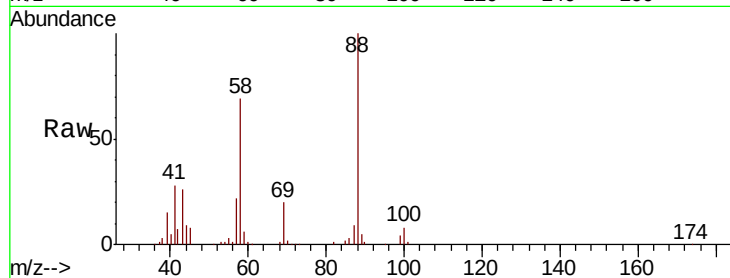




#49
 1,4-Dioxane
 Concen: 402.87 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

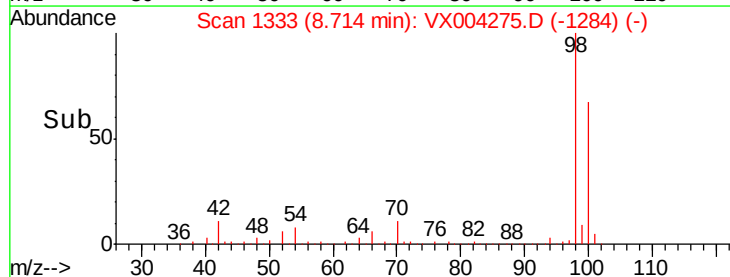
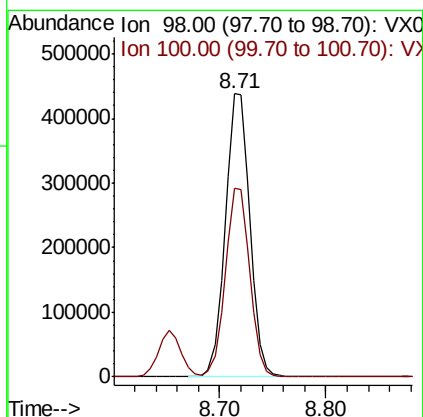
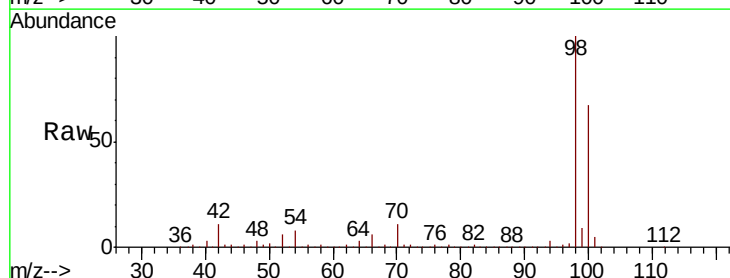
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

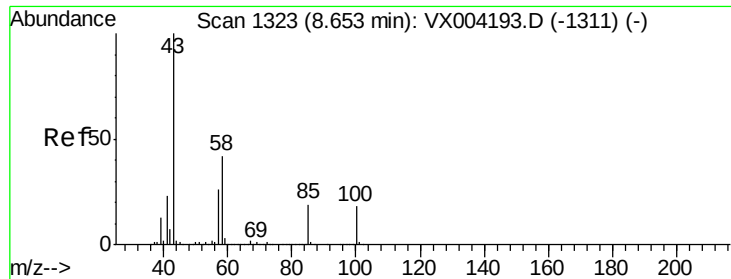
Tot Ion: 88 Resp: 42318
 Ion Ratio Lower Upper
 88 100
 43 30.3 24.7 37.1
 58 69.8 55.3 82.9



#50
 Toluene-d8
 Concen: 49.39 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion: 98 Resp: 705842
 Ion Ratio Lower Upper
 98 100
 100 66.5 52.9 79.3

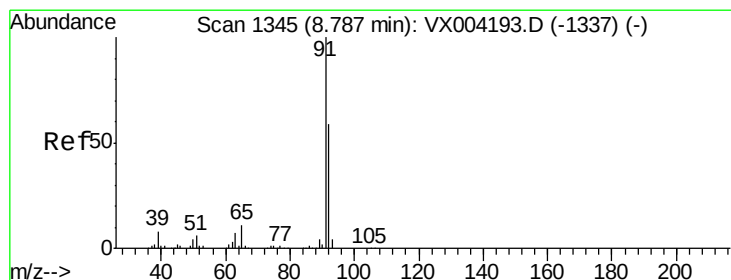
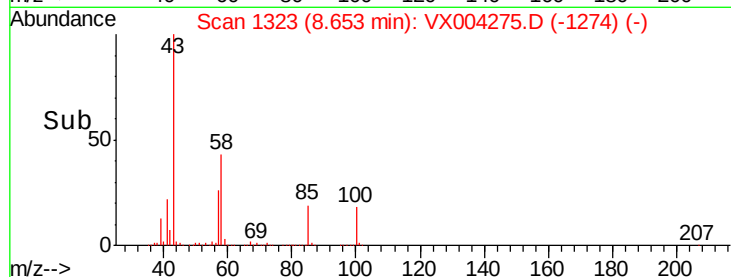
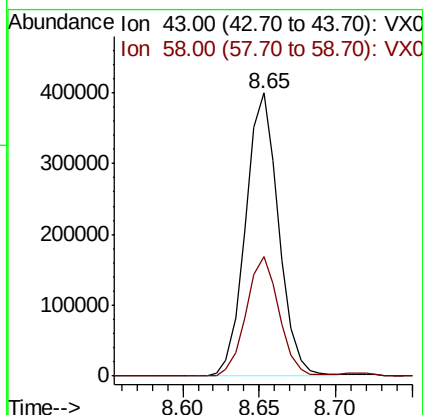
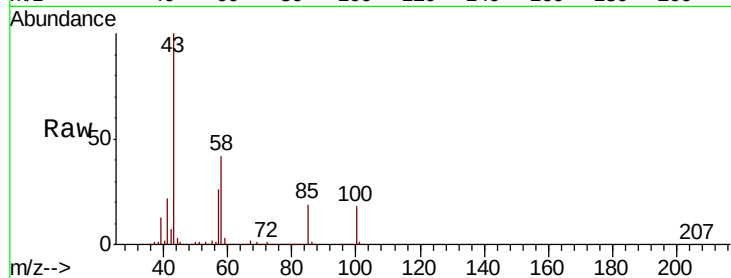




#51
 4-Methyl-2-Pentanone
 Concen: 95.39 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

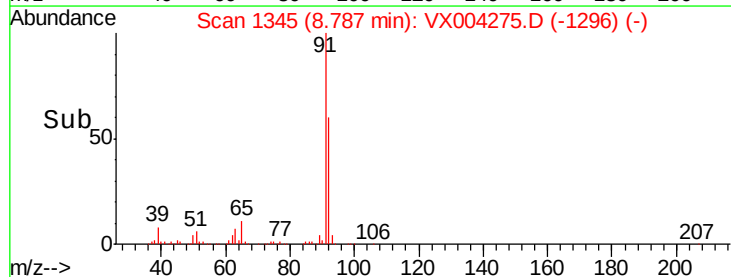
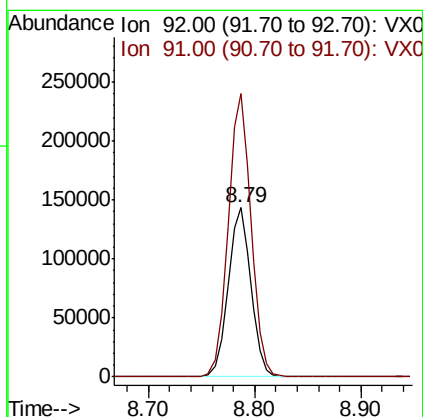
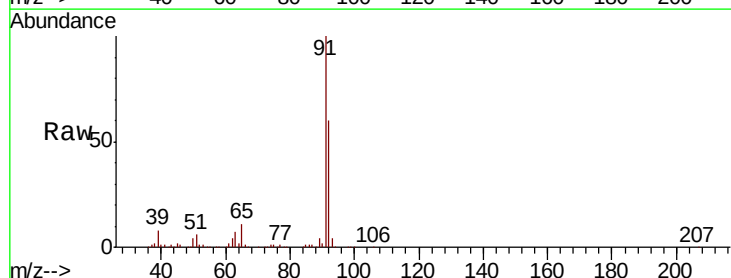
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

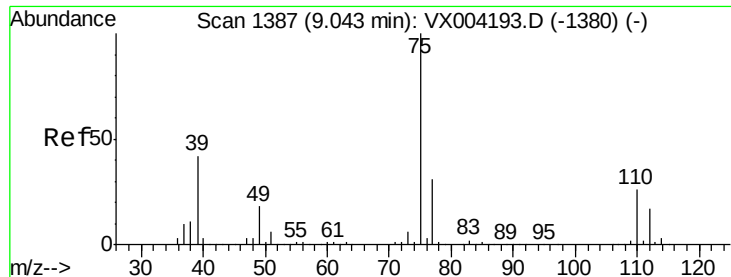
Tot Ion: 43 Resp: 599250
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.1 49.7



#52
 Toluene
 Concen: 20.04 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion: 92 Resp: 214444
 Ion Ratio Lower Upper
 92 100
 91 167.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.06 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

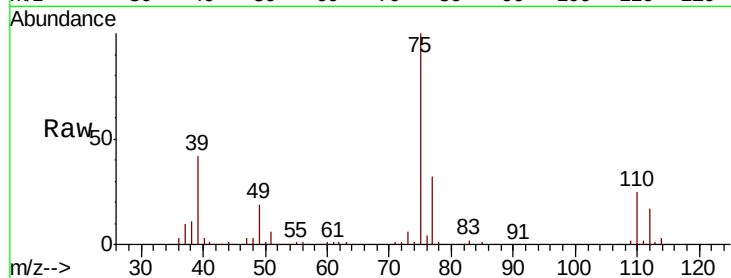
VX0828MBSD01

Tot Ion: 75 Resp: 111605

Ion Ratio Lower Upper

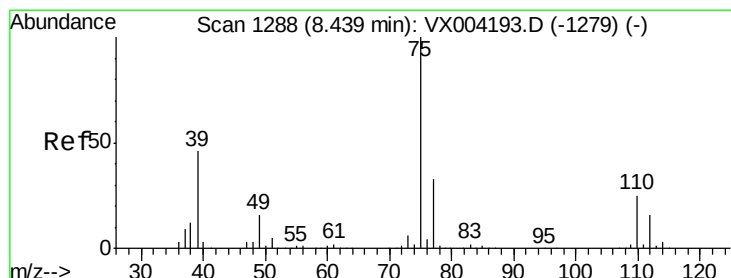
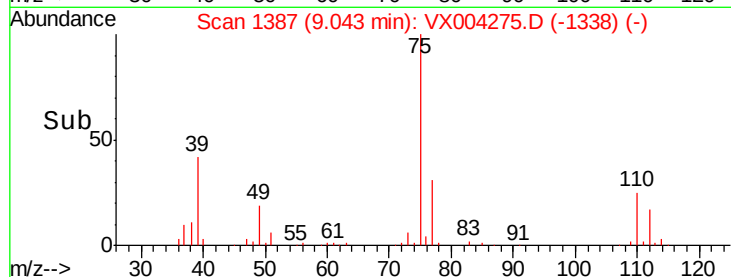
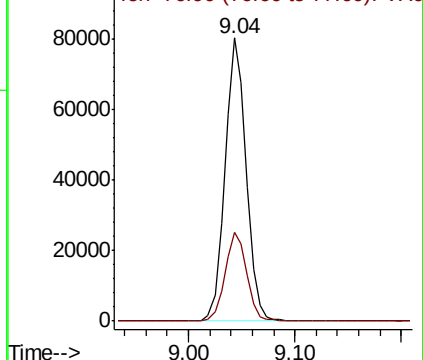
75 100

77 31.4 24.6 37.0



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: 19.52 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

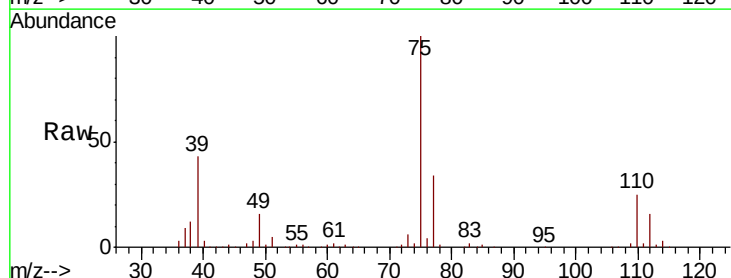
Tgt Ion: 75 Resp: 124480

Ion Ratio Lower Upper

75 100

77 33.8 26.2 39.2

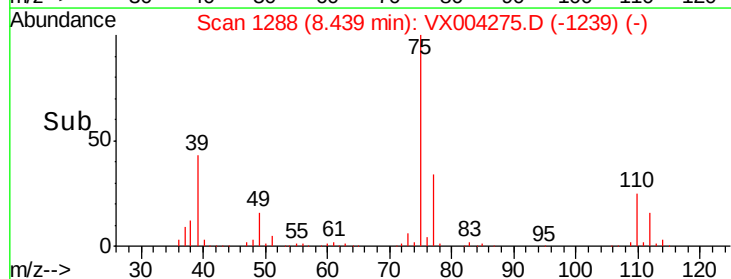
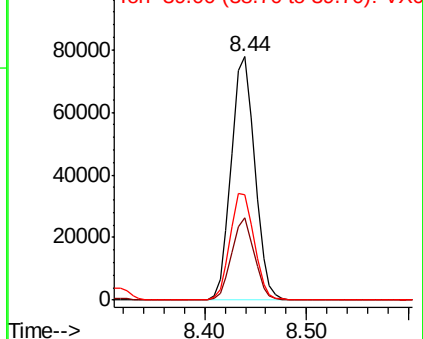
39 43.3 36.4 54.6

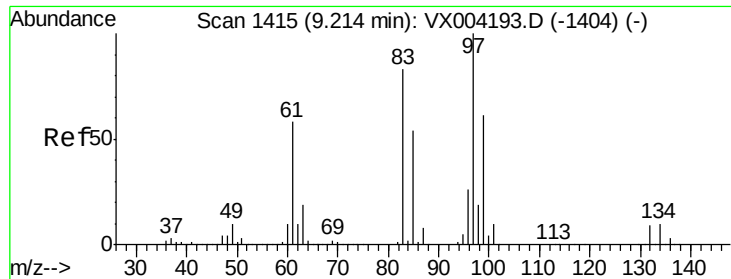


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

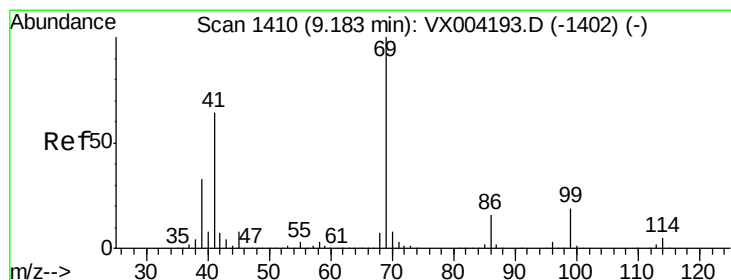
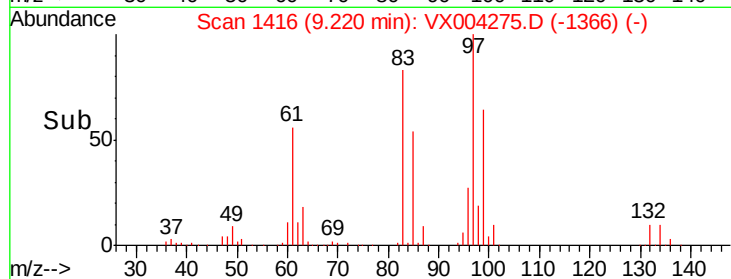
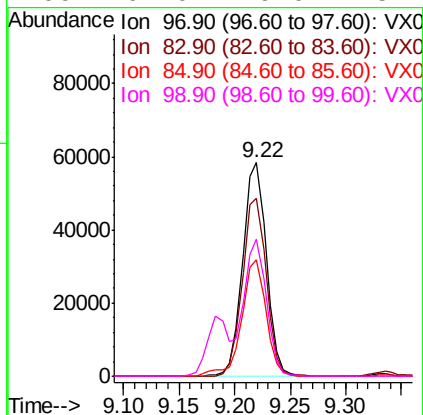
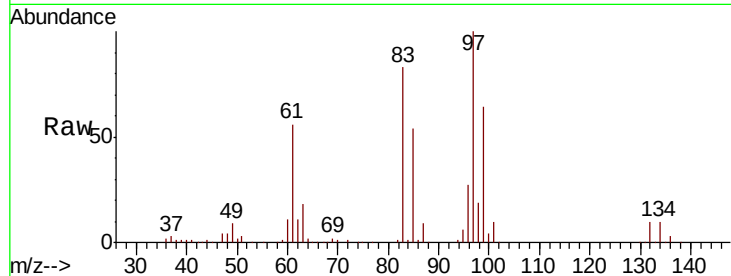




#55
 1,1,2-Trichloroethane
 Concen: 20.03 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

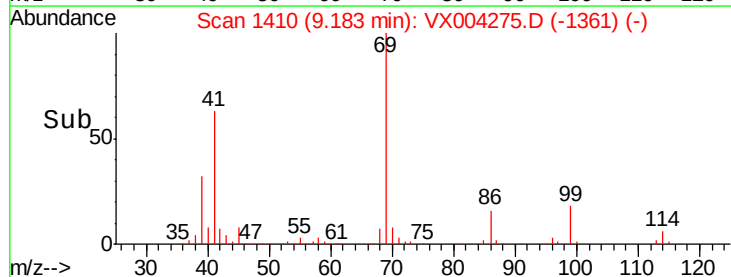
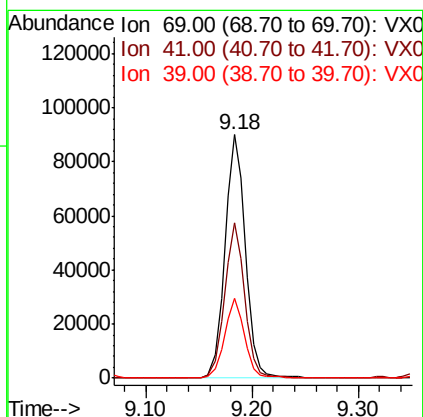
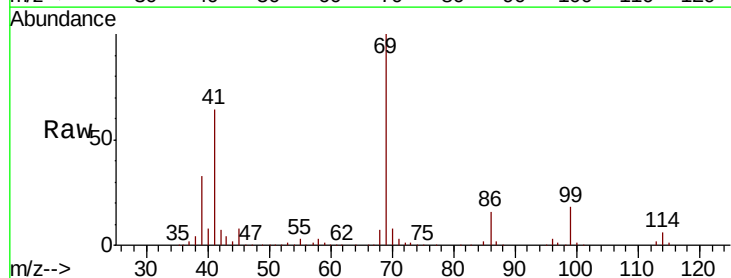
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

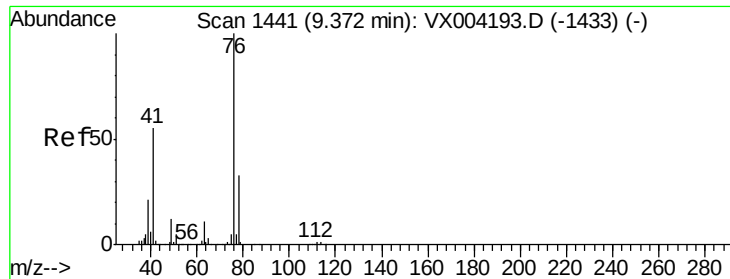
Tot Ion:	97	Resp:	86519
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.4	99.6
85	54.3	43.3	64.9
99	64.0	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 20.54 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion:	69	Resp:	120767
Ion	Ratio	Lower	Upper
69	100		
41	62.6	51.0	76.4
39	31.8	26.1	39.1





#57

1,3-Dichloropropane

Concen: 19.78 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

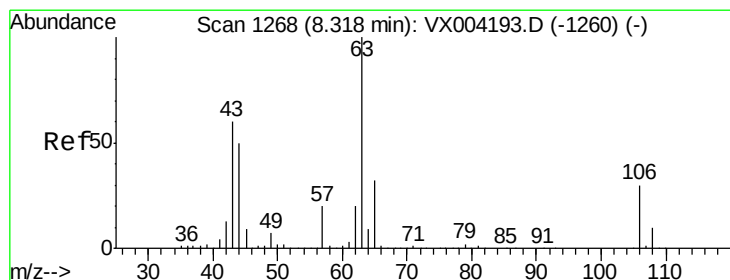
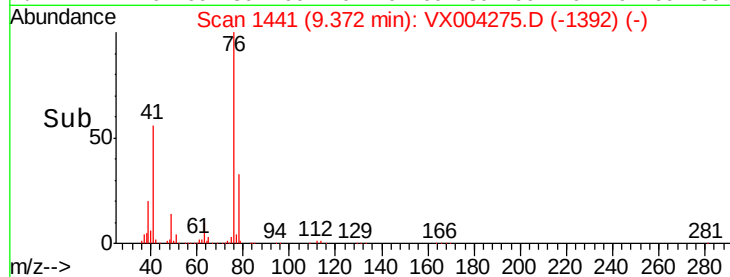
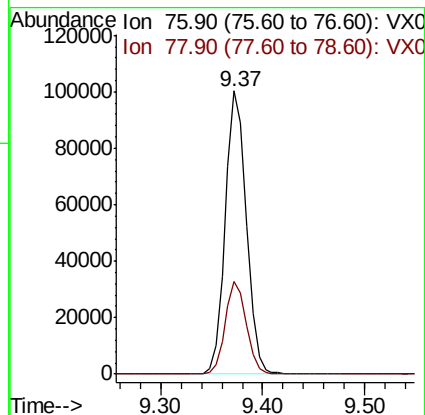
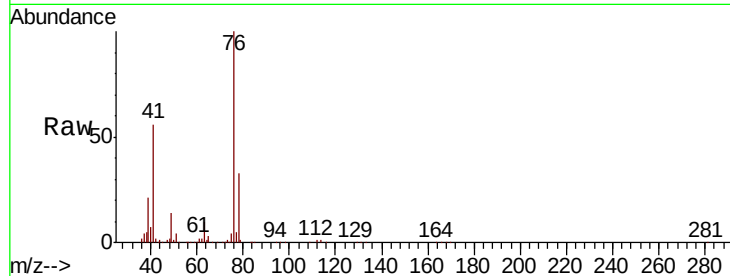
VX0828MBSD01

Tot Ion: 76 Resp: 144050

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 106.32 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX004275.D

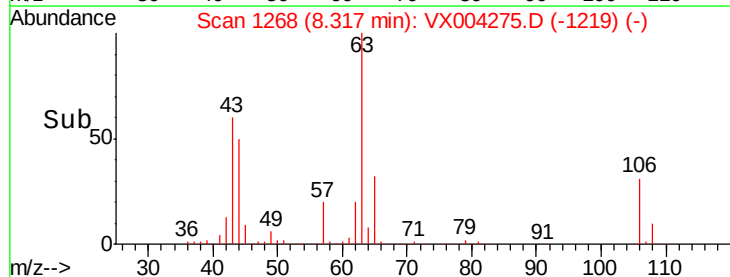
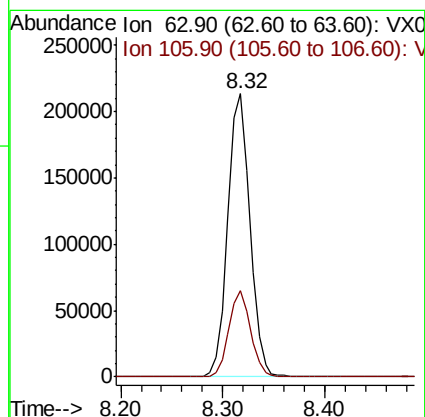
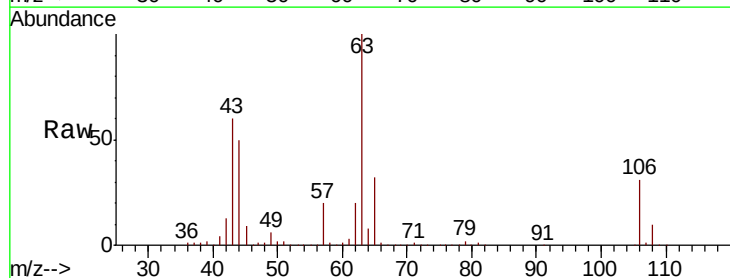
Acq: 28 Aug 2018 18:23

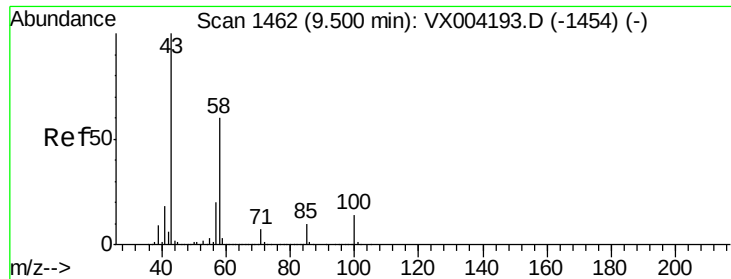
Tgt Ion: 63 Resp: 320360

Ion Ratio Lower Upper

63 100

106 30.1 23.9 35.9

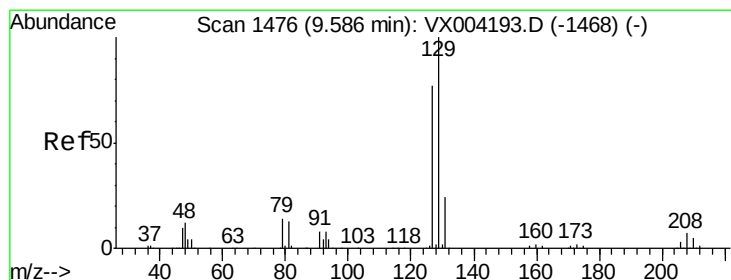
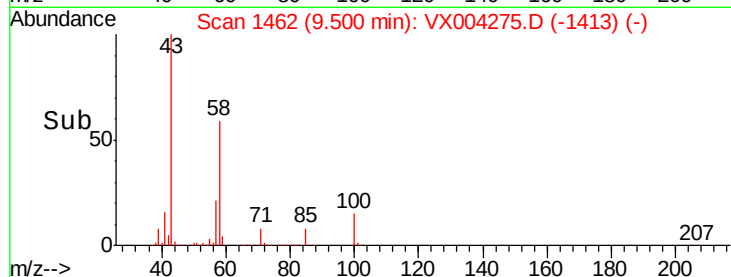
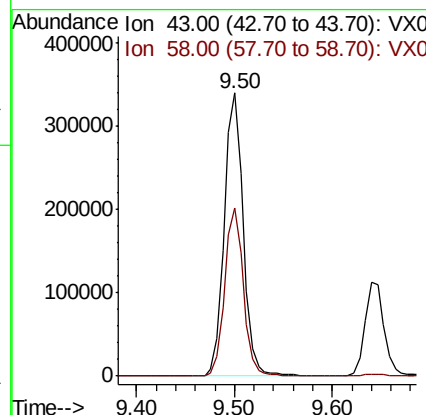
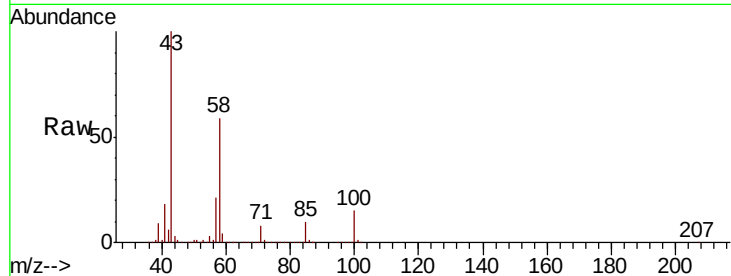




#59
2-Hexanone
Concen: 95.22 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

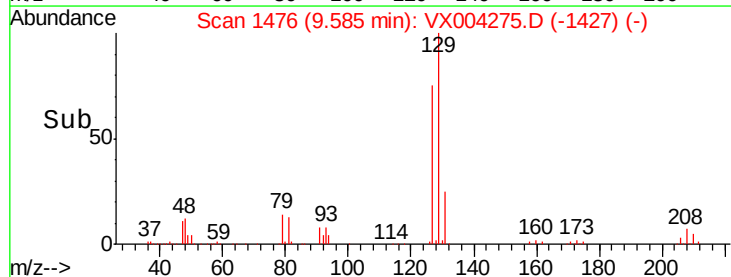
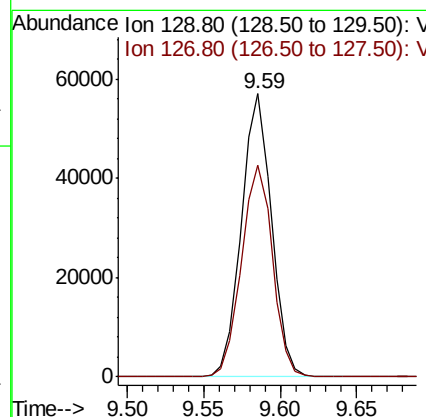
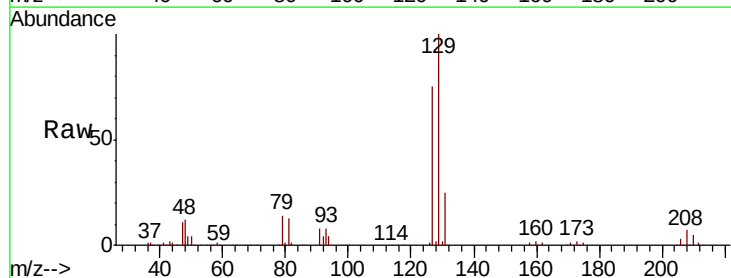
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBSD01

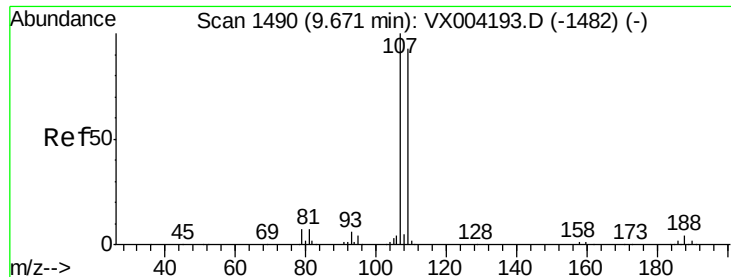
Tot Ion: 43 Resp: 456361
Ion Ratio Lower Upper
43 100
58 58.6 29.0 87.0



#60
Dibromochloromethane
Concen: 18.56 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Tgt Ion: 129 Resp: 78110
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.21 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

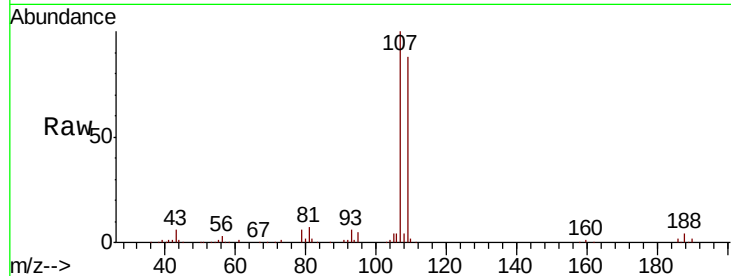
VX0828MBSD01

Tot Ion:107 Resp: 85886

Ion Ratio Lower Upper

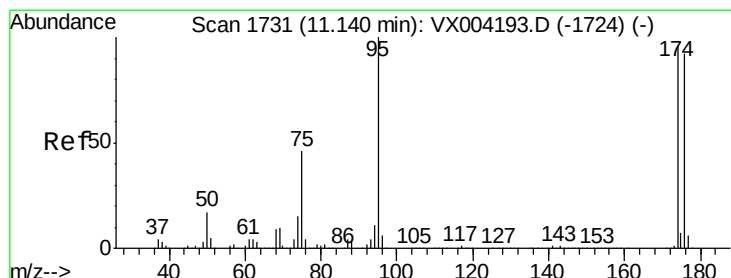
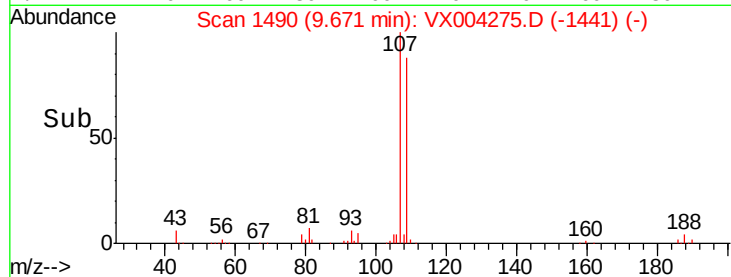
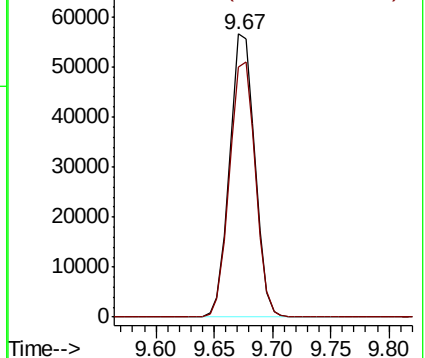
107 100

109 92.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.29 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

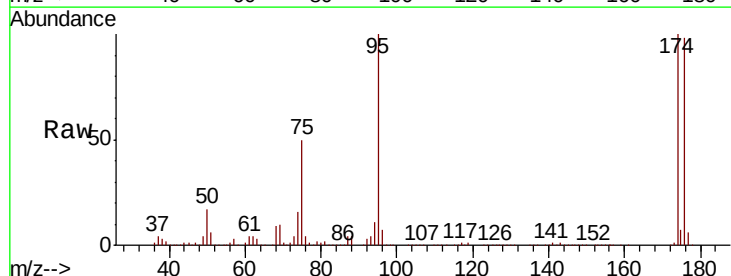
Tgt Ion: 95 Resp: 262836

Ion Ratio Lower Upper

95 100

174 93.1 0.0 185.2

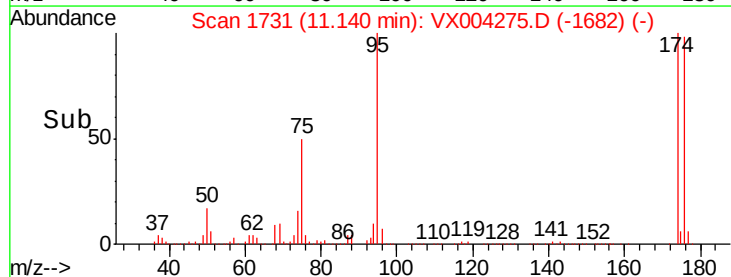
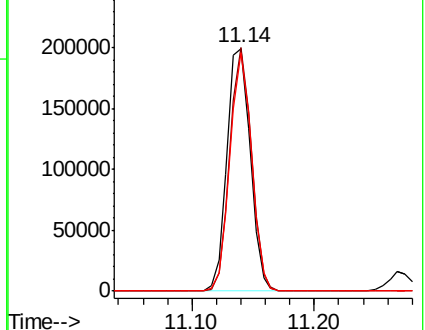
176 90.8 0.0 178.6

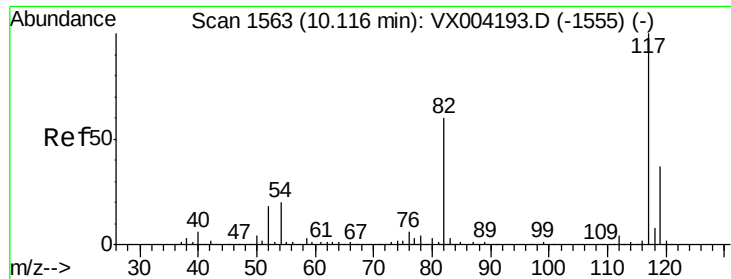


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

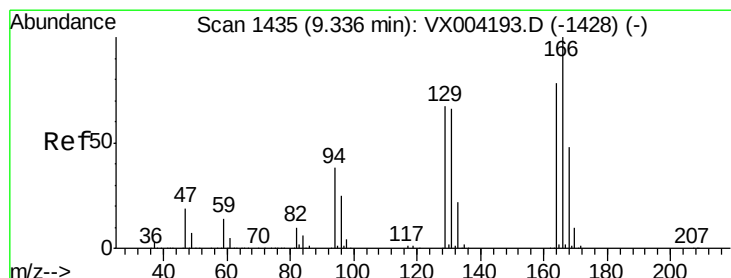
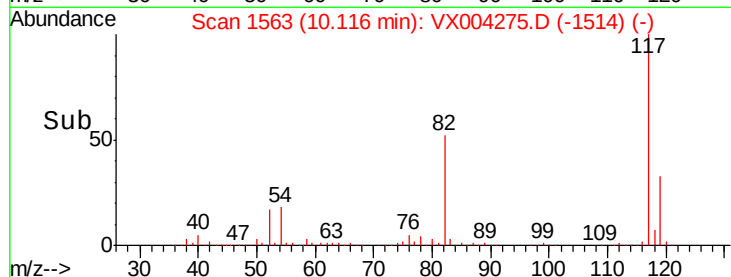
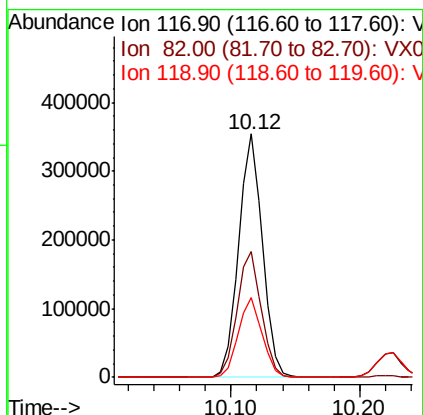
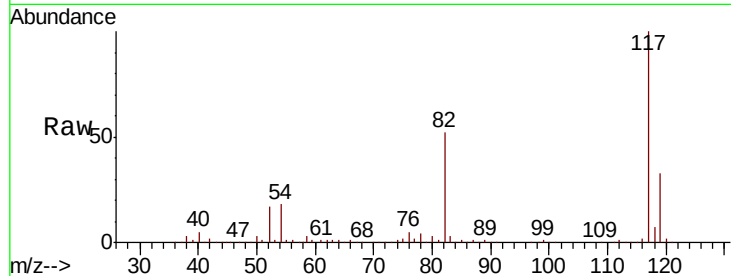




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

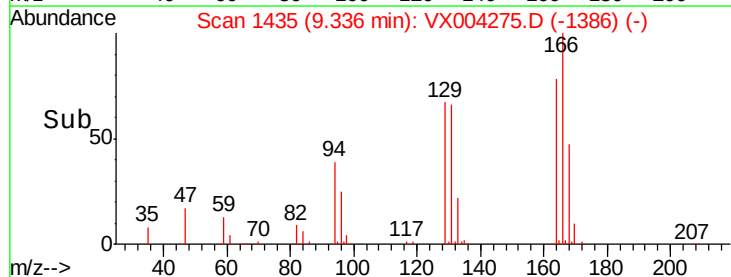
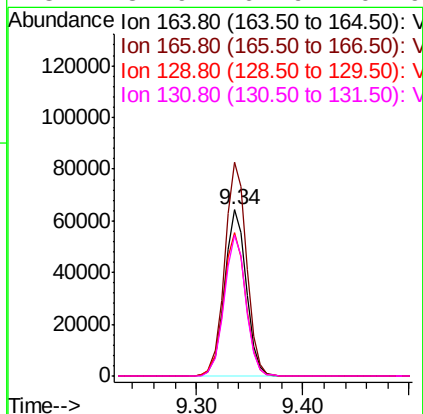
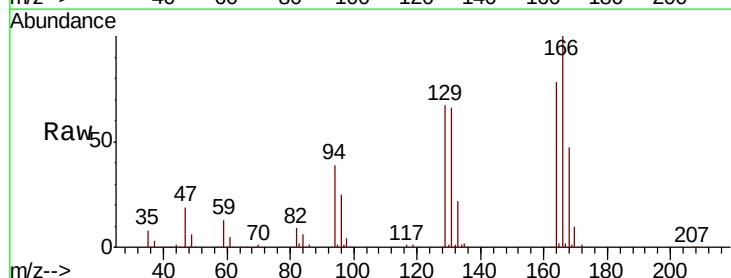
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBSD01

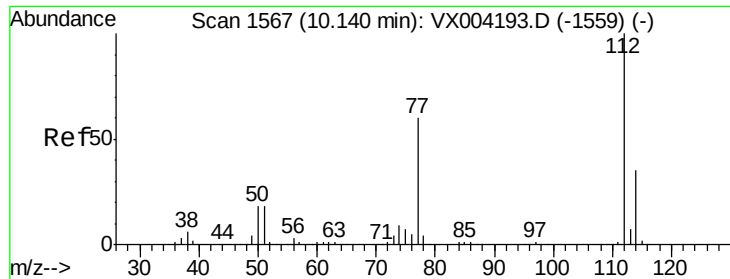
Tot Ion:117 Resp: 452046
Ion Ratio Lower Upper
117 100
82 51.6 47.8 71.6
119 32.8 29.3 43.9



#64
Tetrachloroethene
Concen: 20.57 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Tgt Ion:164 Resp: 91875
Ion Ratio Lower Upper
164 100
166 128.4 102.8 154.2
129 86.1 69.4 104.0
131 84.9 67.9 101.9

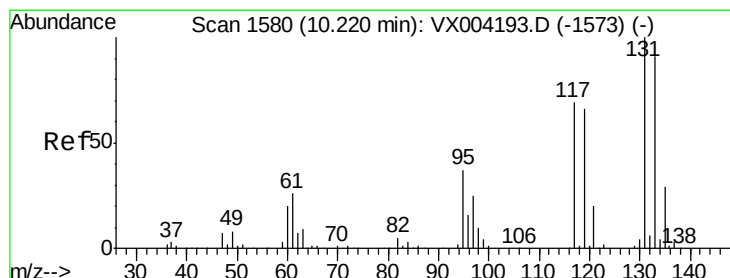
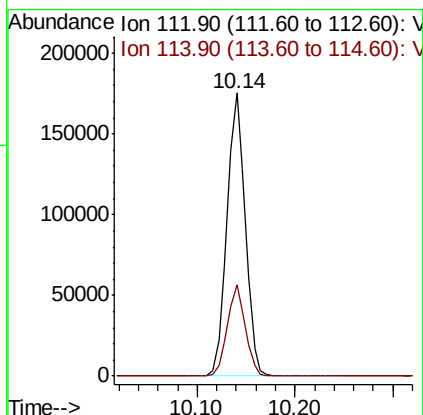
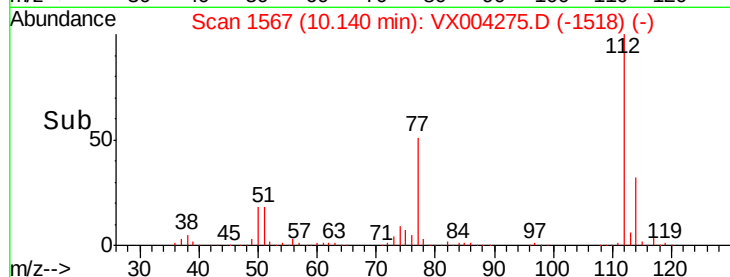
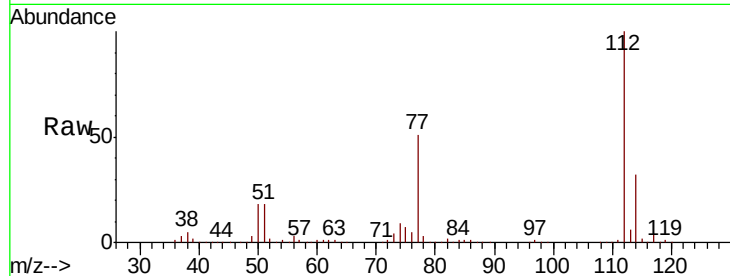




#65
Chlorobenzene
Concen: 20.12 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

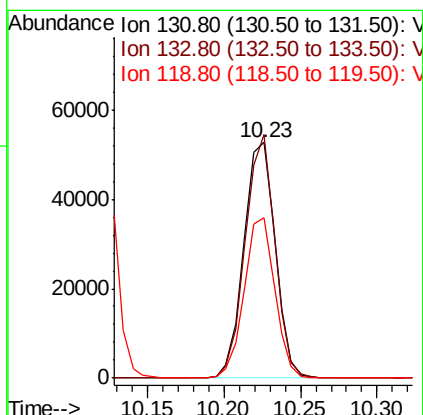
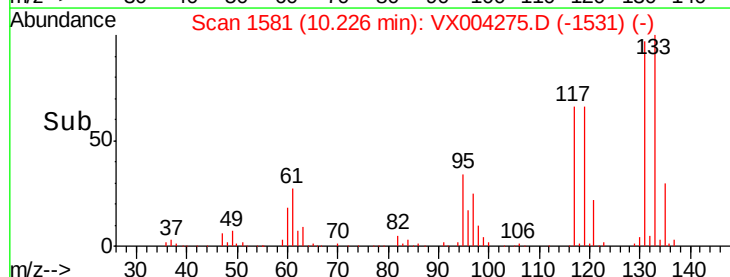
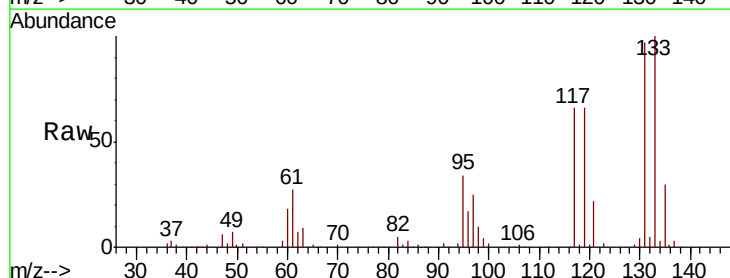
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBSD01

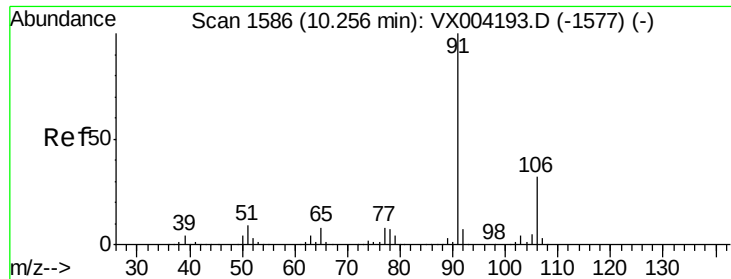
Tot Ion:112 Resp: 228221
Ion Ratio Lower Upper
112 100
114 32.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.32 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Tgt Ion:131 Resp: 75609
Ion Ratio Lower Upper
131 100
133 97.1 48.1 144.4
119 66.4 32.9 98.6

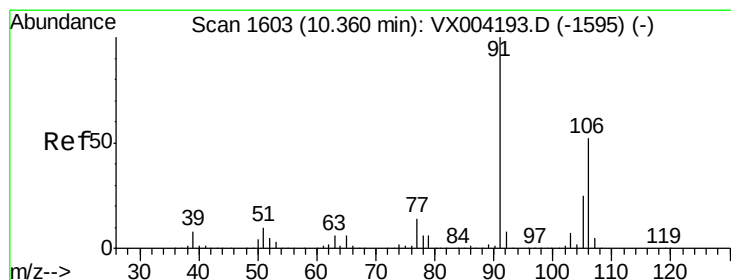
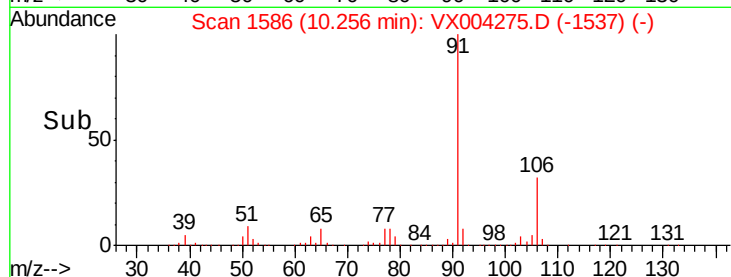
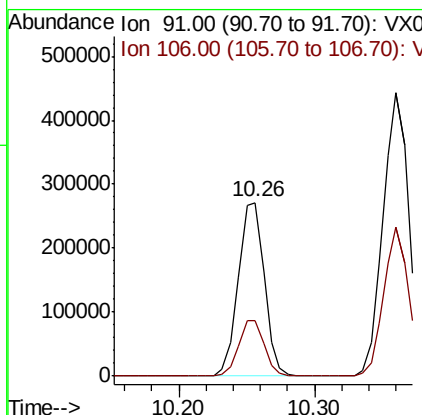
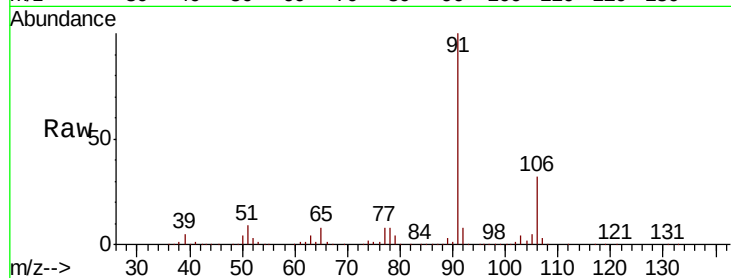




#67
Ethyl Benzene
Concen: 19.72 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

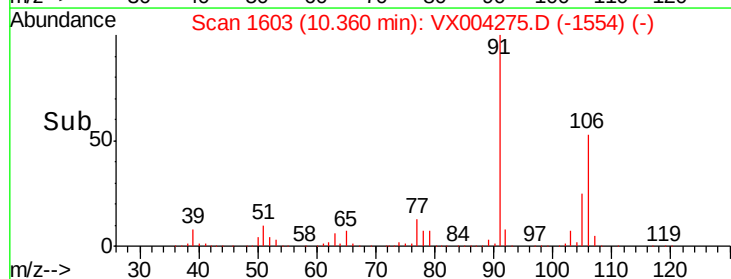
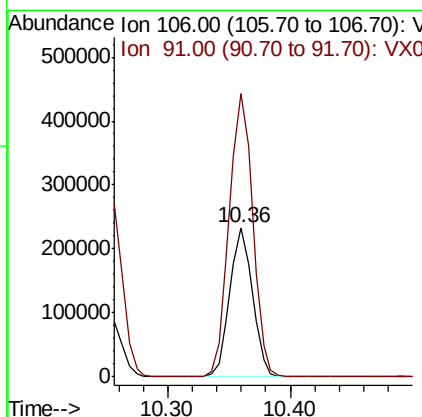
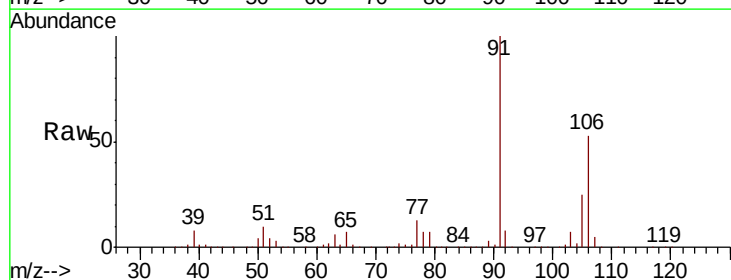
Instrument :
MSVOA_X
ClientSampleId :
VX0828MBSD01

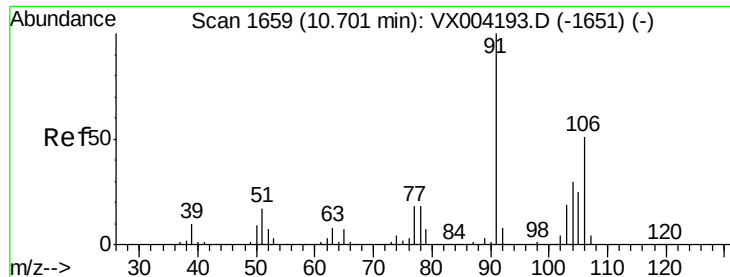
Tot Ion: 91 Resp: 363251
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9



#68
m/p-Xylenes
Concen: 41.62 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Tgt Ion: 106 Resp: 299818
Ion Ratio Lower Upper
106 100
91 197.0 157.1 235.7

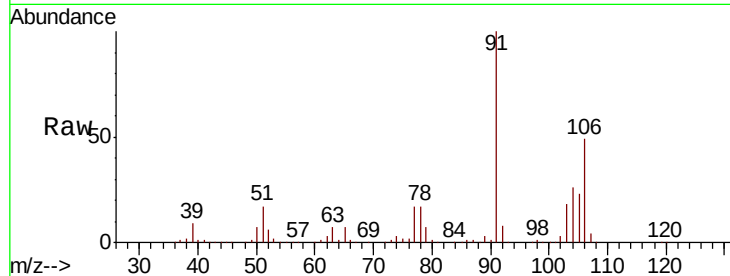




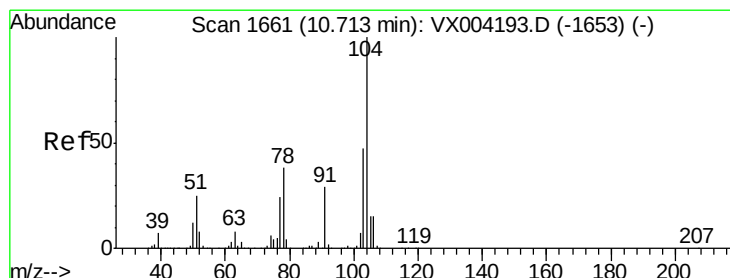
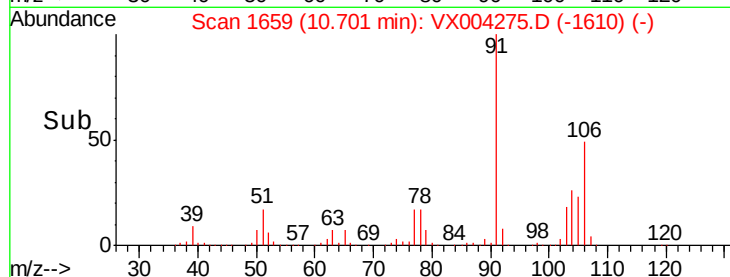
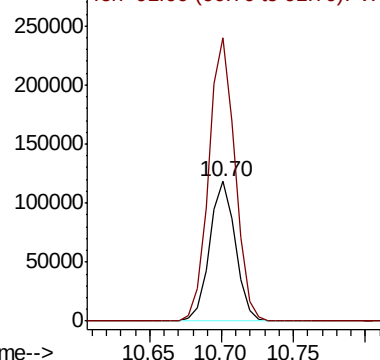
#69
o-Xylene
Concen: 21.73 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampled :
VX0828MBSD01

Tot Ion:106 Resp: 148106
Ion Ratio Lower Upper
106 100
91 205.7 105.1 315.1

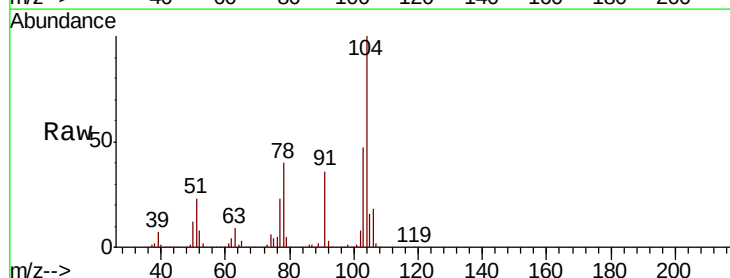


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

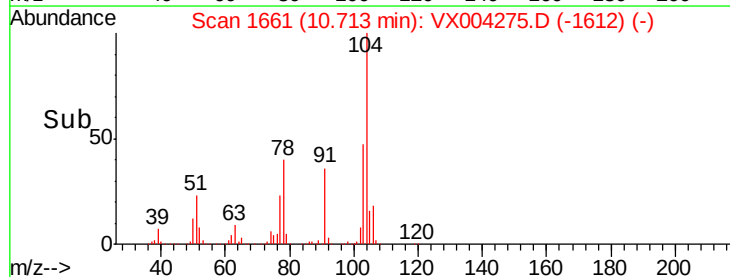
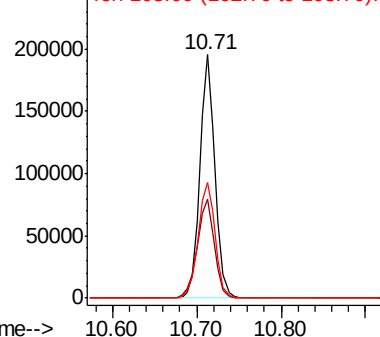


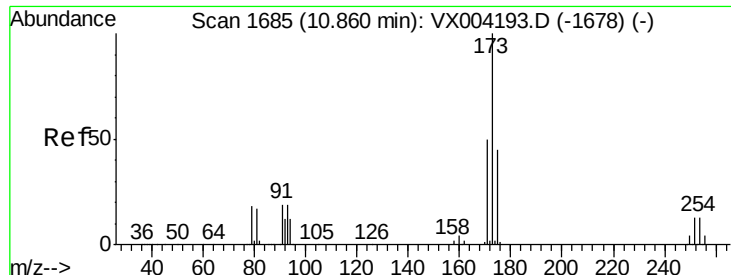
#70
Styrene
Concen: 21.70 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Tgt Ion:104 Resp: 239473
Ion Ratio Lower Upper
104 100
78 46.6 37.4 56.0
103 54.2 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.13 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

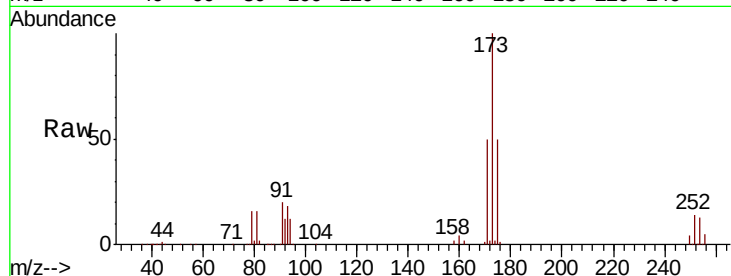
Tot Ion:173 Resp: 60351

Ion Ratio Lower Upper

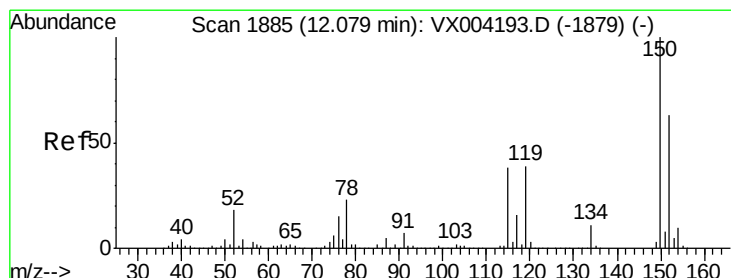
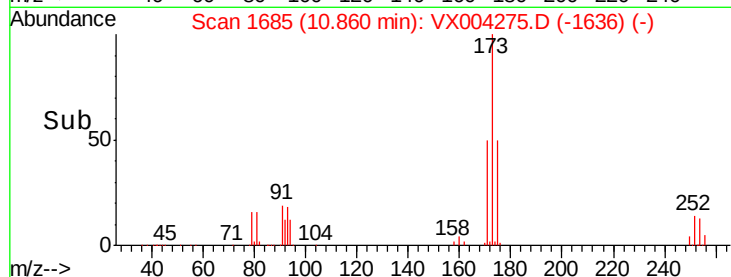
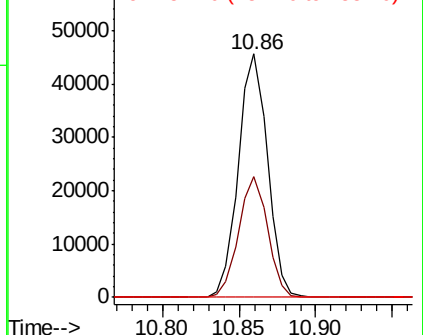
173 100

175 49.2 24.1 72.3

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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

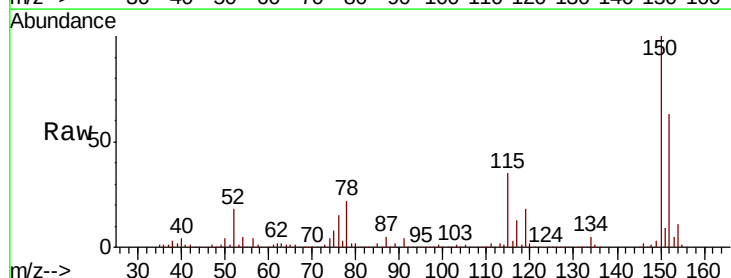
Tgt Ion:152 Resp: 259350

Ion Ratio Lower Upper

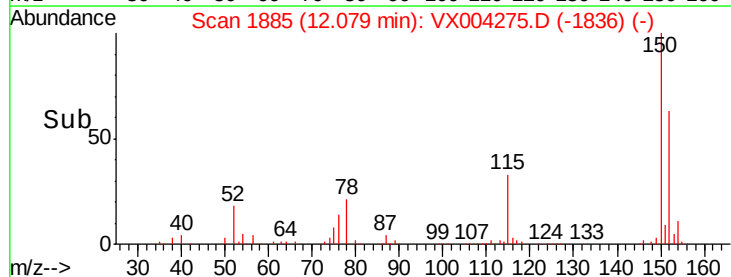
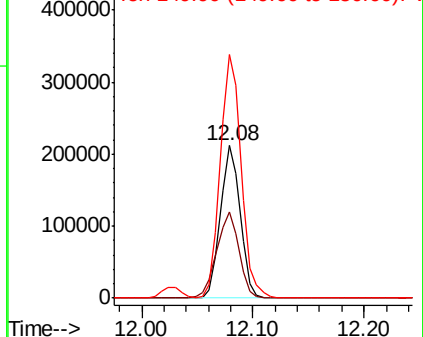
152 100

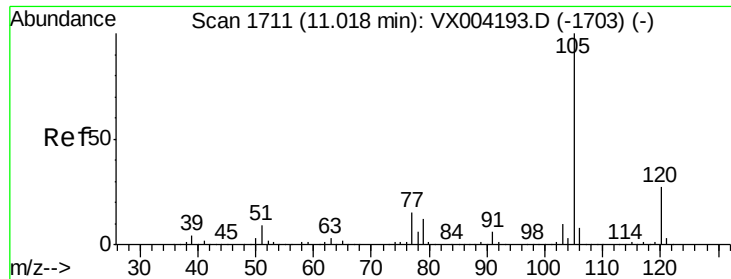
115 63.3 39.0 117.0

150 169.2 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.63 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

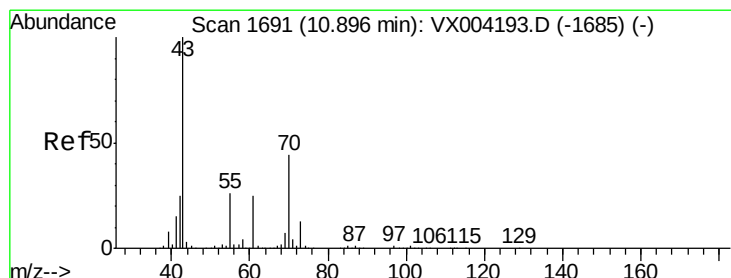
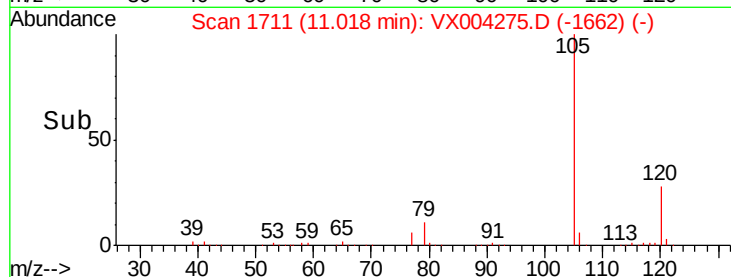
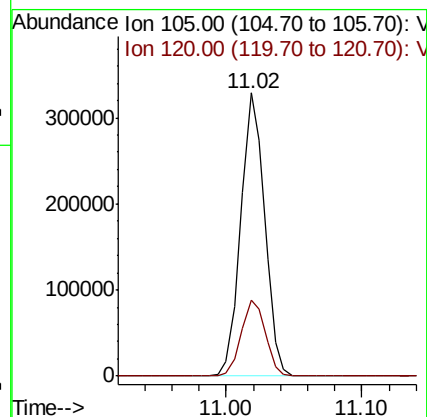
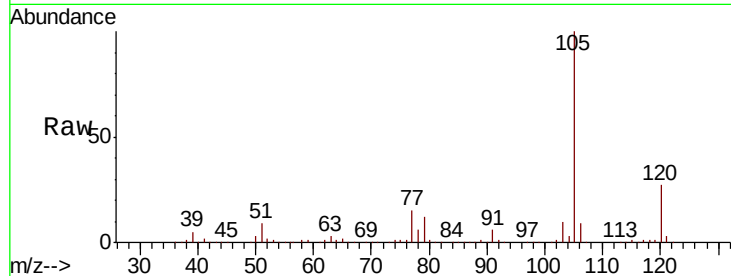
VX0828MBSD01

Tot Ion:105 Resp: 402546

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.4



#74

N-ethyl acetate

Concen: 22.56 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Tgt Ion: 43 Resp: 147928

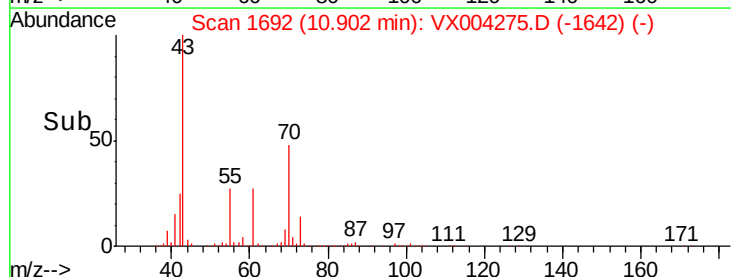
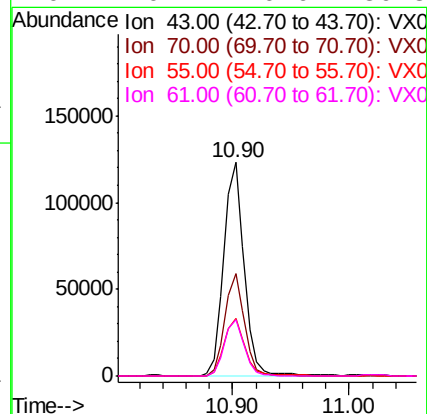
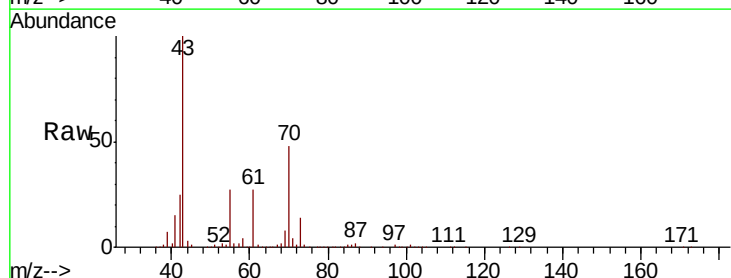
Ion Ratio Lower Upper

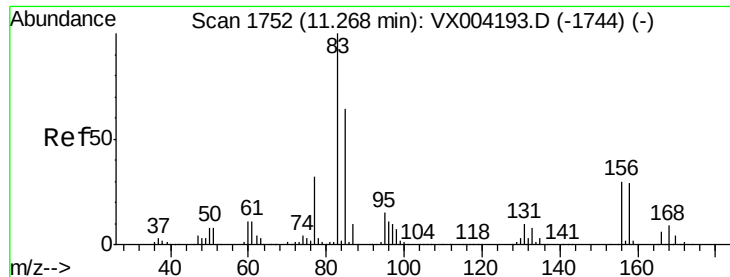
43 100

70 46.7 37.4 56.0

55 27.5 21.8 32.8

61 26.2 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.96 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

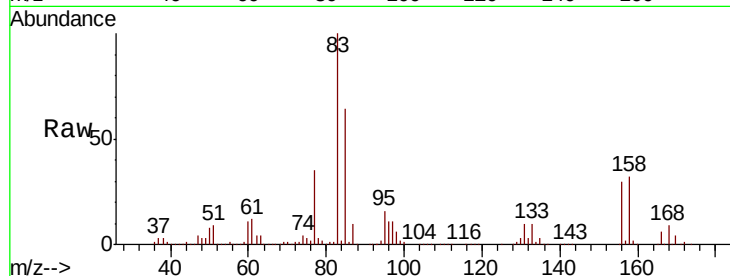
Tot Ion: 83 Resp: 130921

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

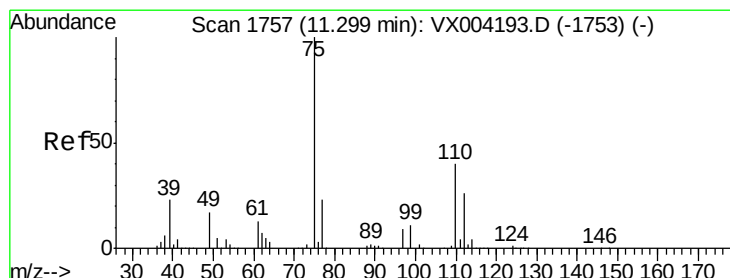
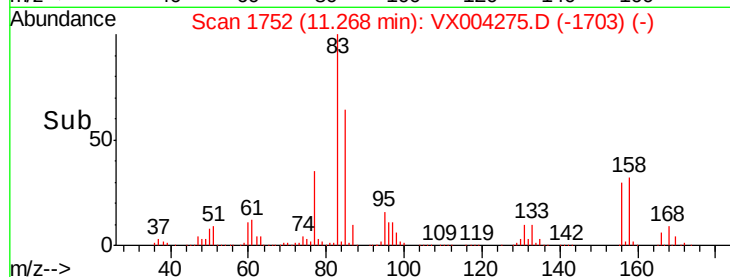
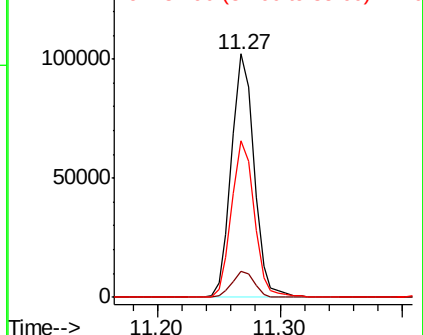
85 64.7 32.3 96.8



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: 27.36 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004275.D

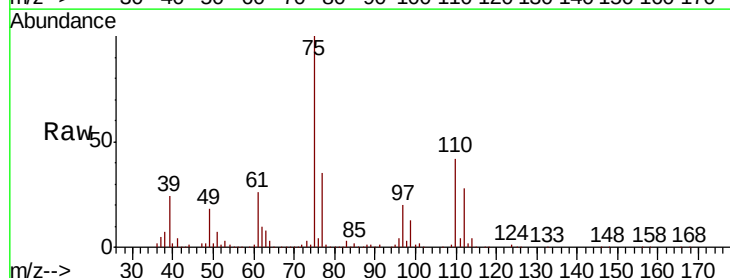
Acq: 28 Aug 2018 18:23

Tgt Ion: 75 Resp: 144317

Ion Ratio Lower Upper

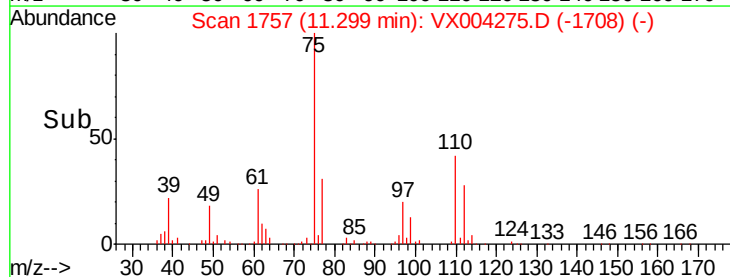
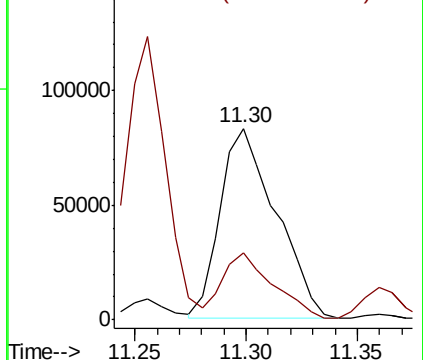
75 100

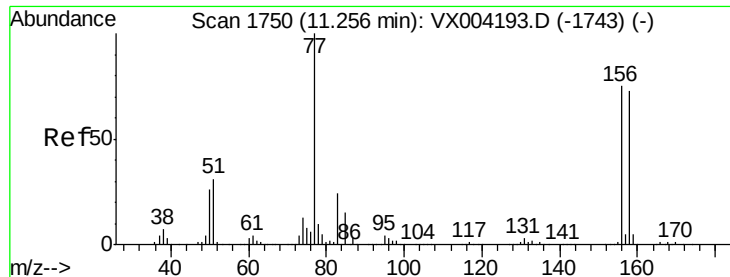
77 32.2 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.56 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

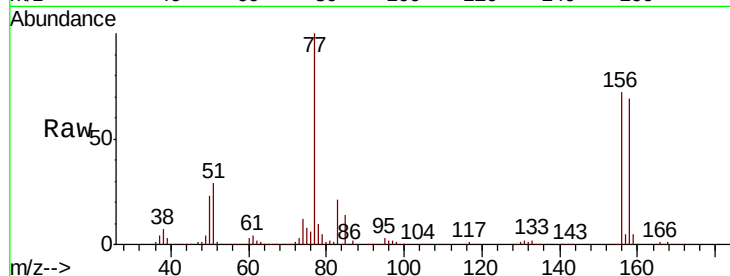
Tot Ion:156 Resp: 107787

Ion Ratio Lower Upper

156 100

77 144.9 71.5 214.3

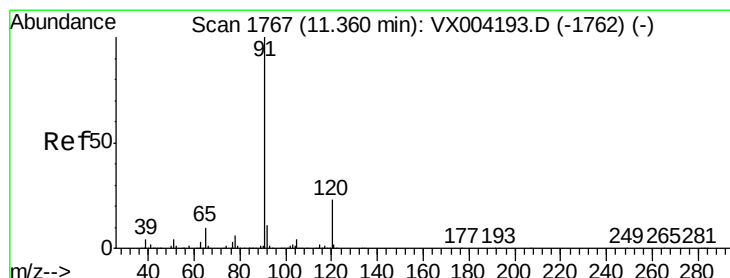
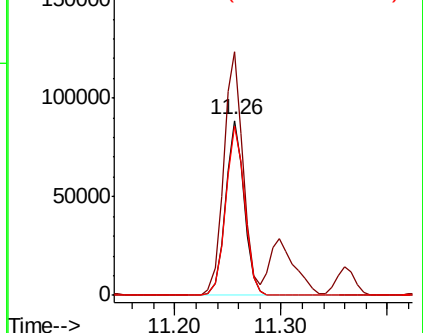
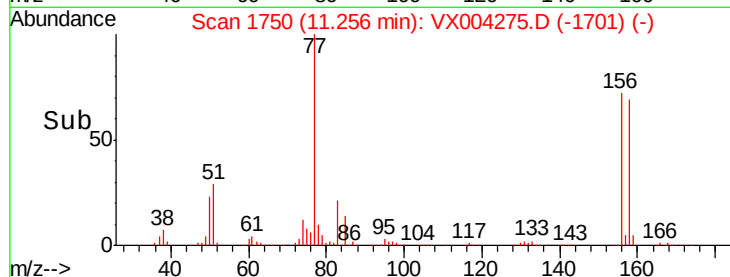
158 99.2 48.9 146.8



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: 22.68 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004275.D

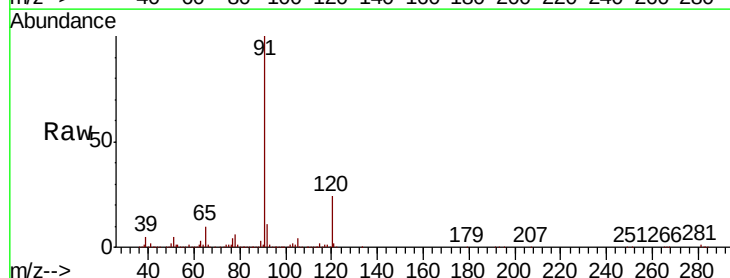
Acq: 28 Aug 2018 18:23

Tgt Ion: 91 Resp: 444334

Ion Ratio Lower Upper

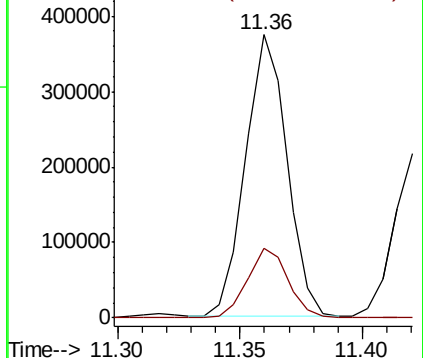
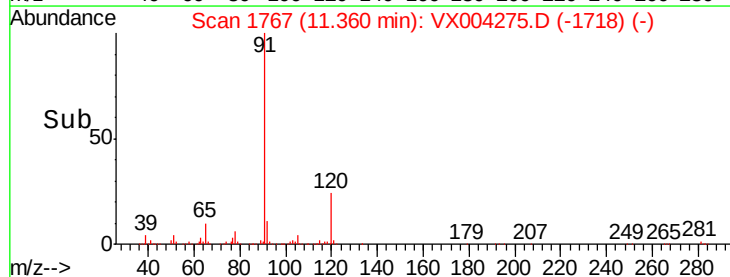
91 100

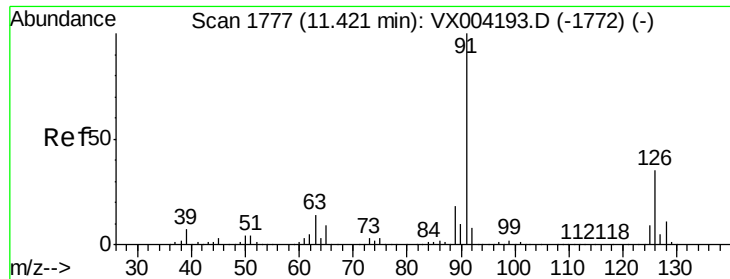
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

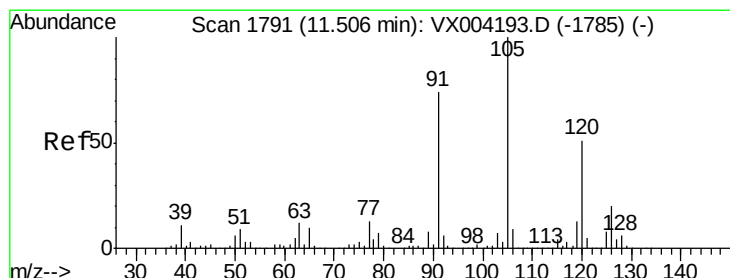
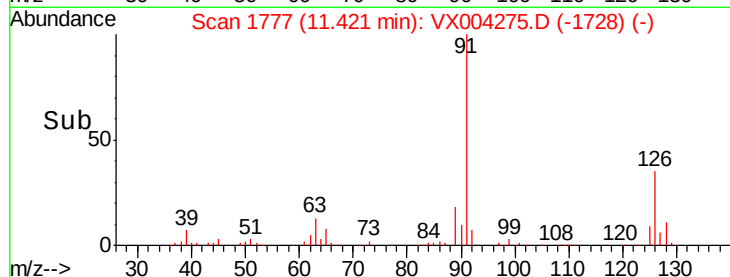
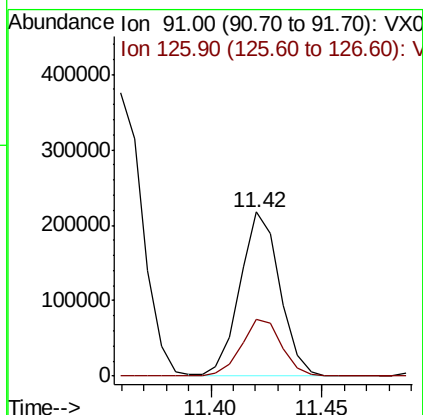
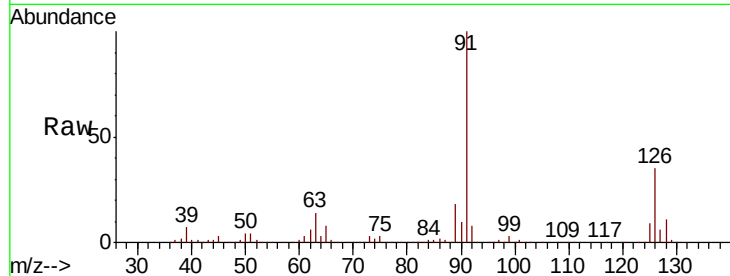




#79
 2-Chlorotoluene
 Concen: 22.48 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

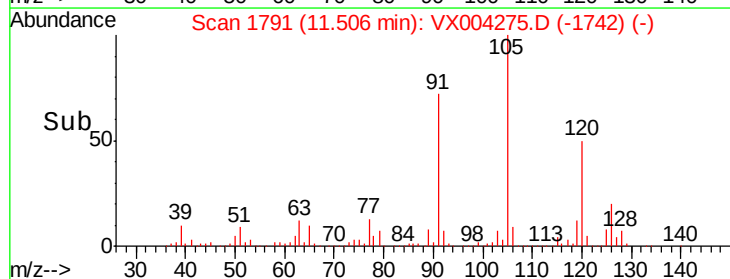
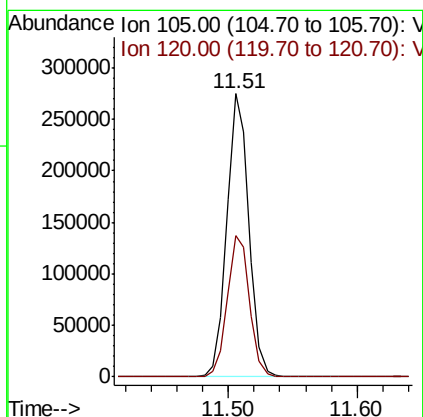
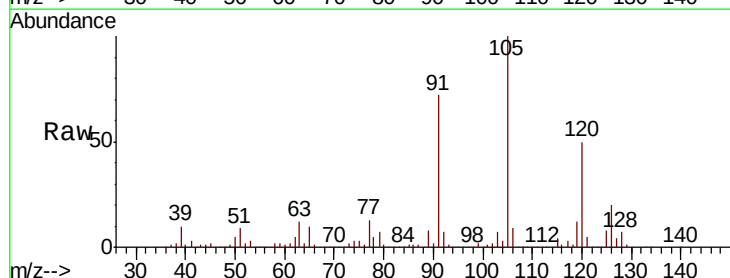
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

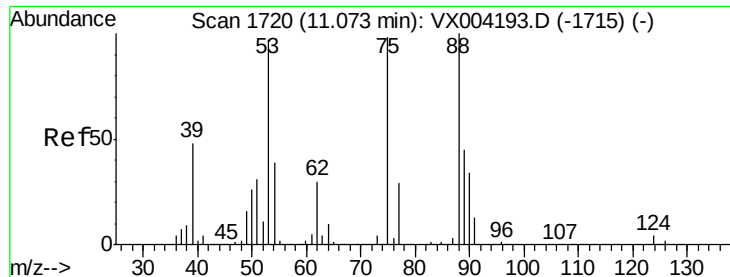
Tot Ion: 91 Resp: 271051
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 23.38 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion: 105 Resp: 329843
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.24 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

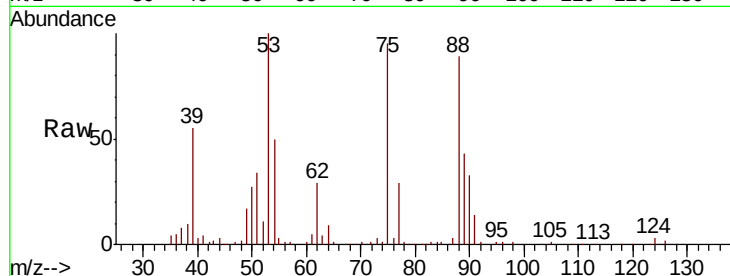
Tot Ion: 75 Resp: 34531

Ion Ratio Lower Upper

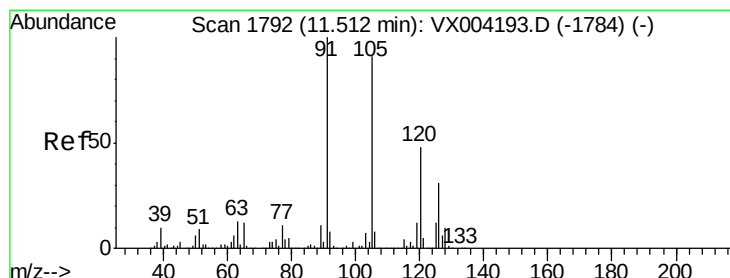
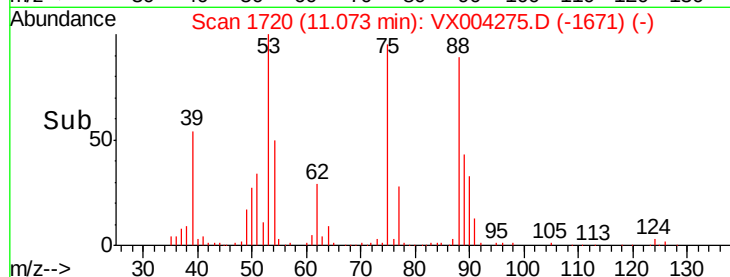
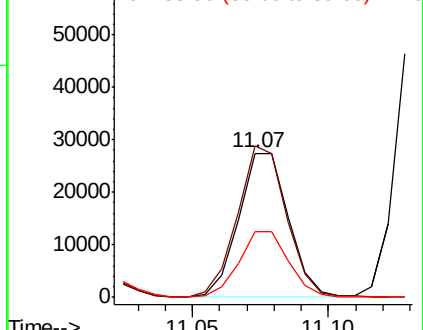
75 100

53 104.0 80.1 120.1

89 46.5 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 22.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004275.D

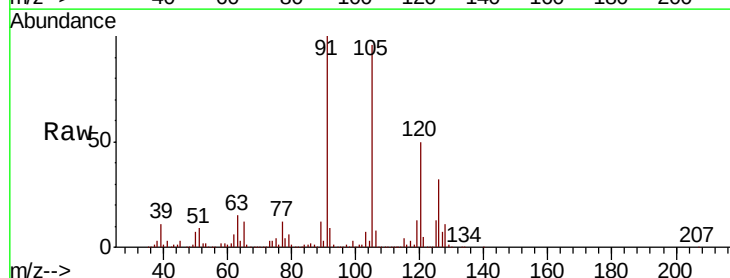
Acq: 28 Aug 2018 18:23

Tgt Ion: 91 Resp: 312258

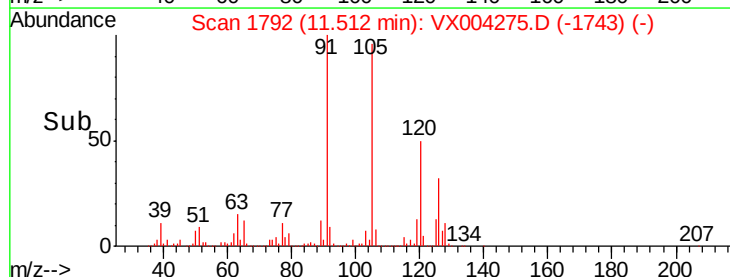
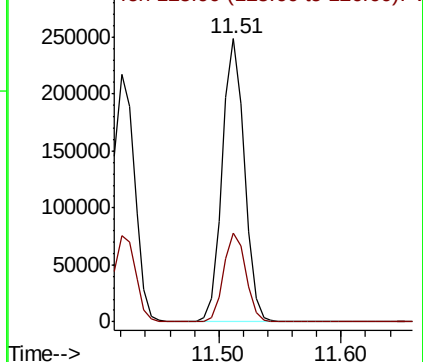
Ion Ratio Lower Upper

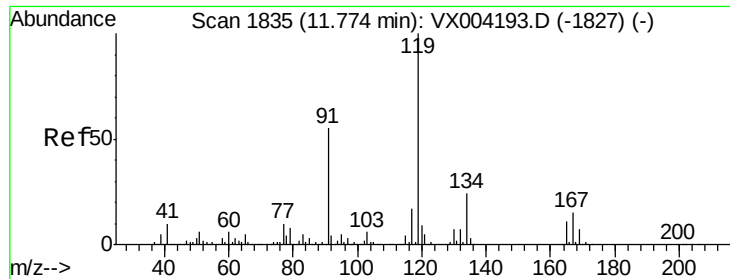
91 100

126 31.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

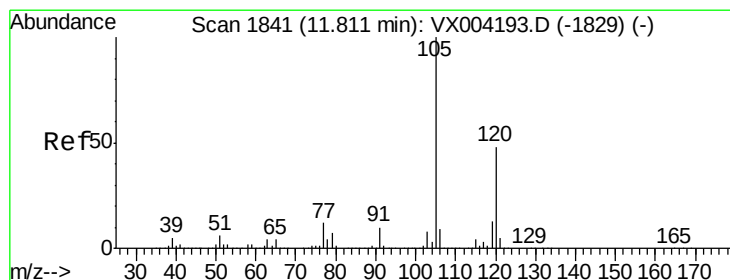
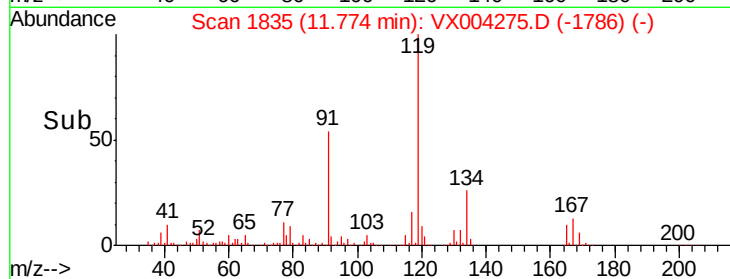
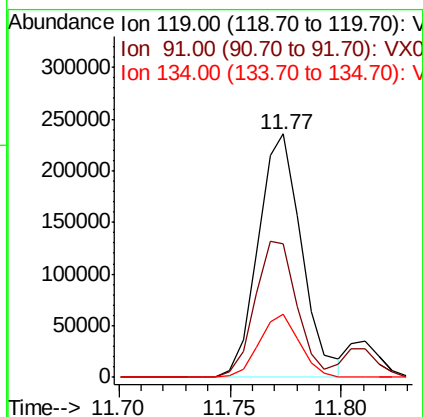
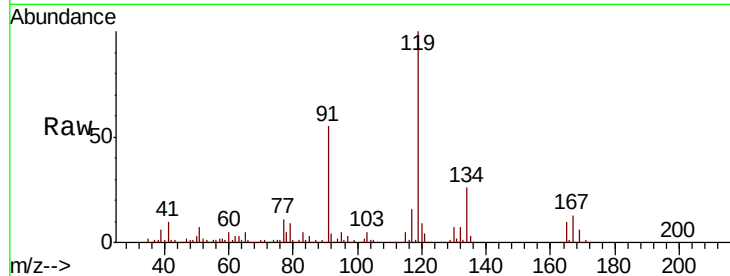




#83
 tert-Butylbenzene
 Concen: 22.50 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

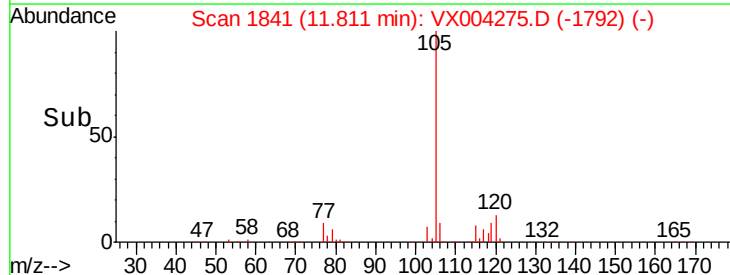
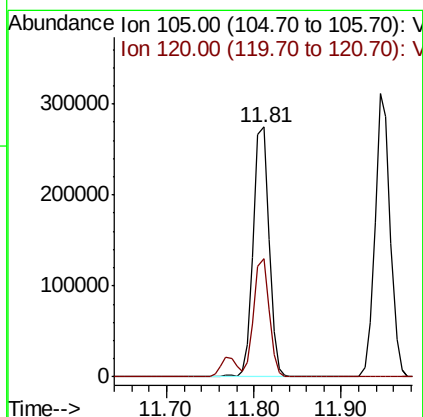
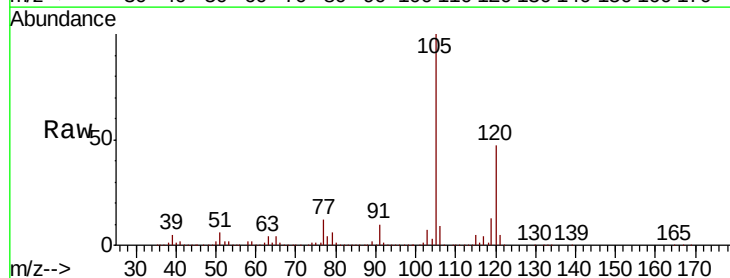
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

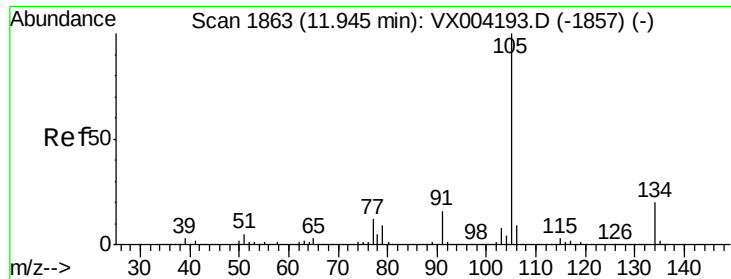
Tot Ion:119 Resp: 319380
 Ion Ratio Lower Upper
 119 100
 91 54.0 27.0 81.0
 134 24.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 23.59 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion:105 Resp: 341559
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.6

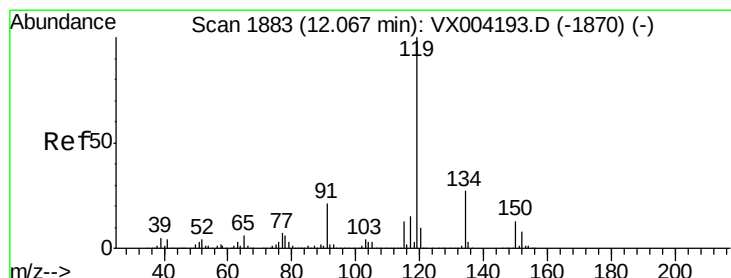
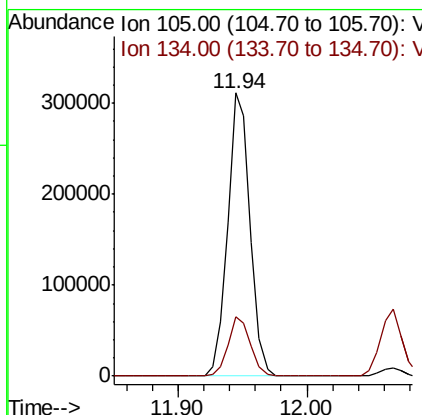
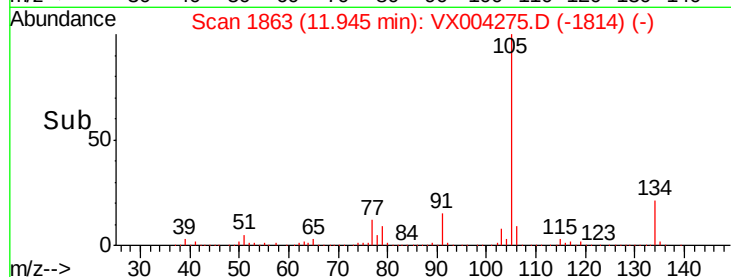
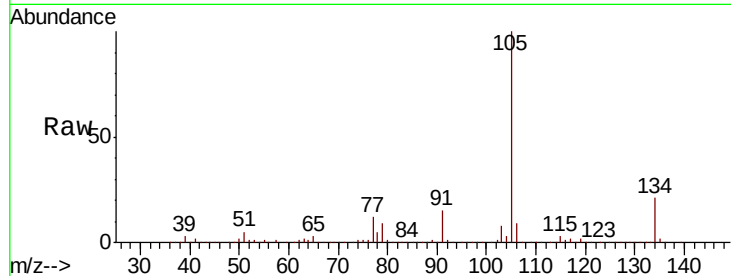




#85
 sec-Butylbenzene
 Concen: 22.54 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

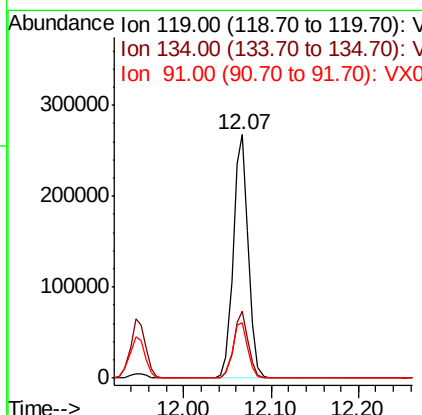
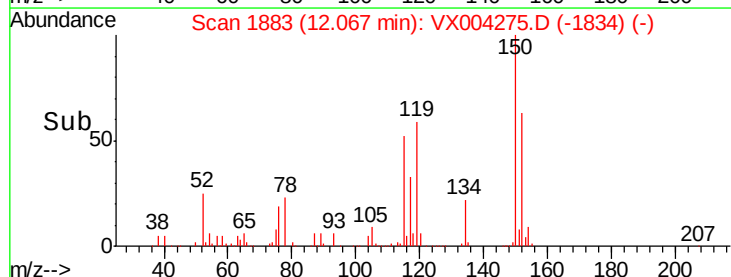
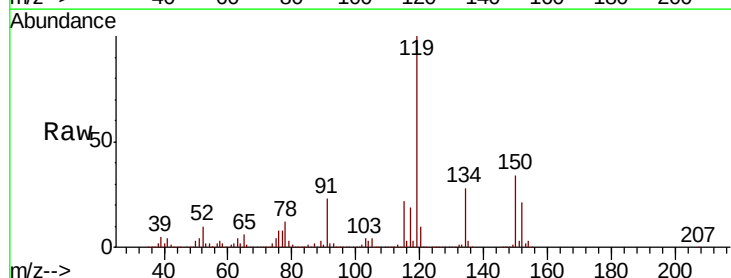
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0828MBSD01

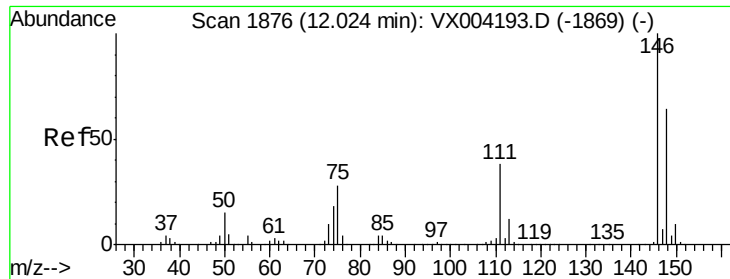
Tot Ion:105 Resp: 379751
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 21.17 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion:119 Resp: 319657
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 23.3 10.9 32.7

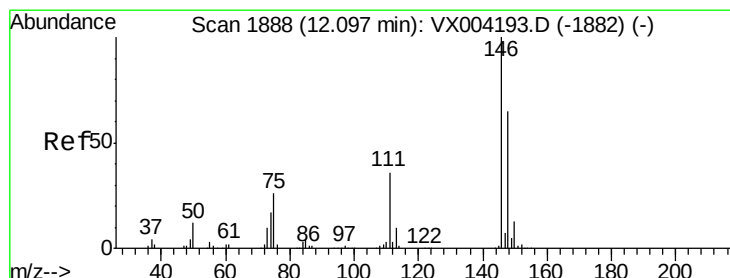
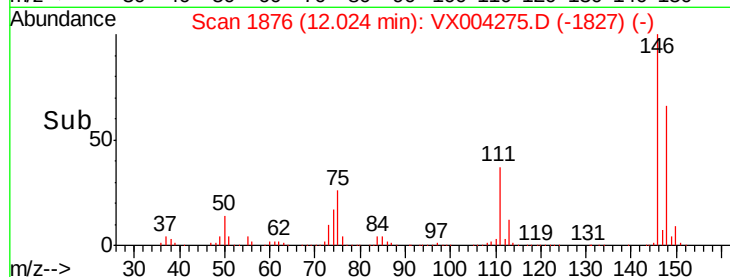
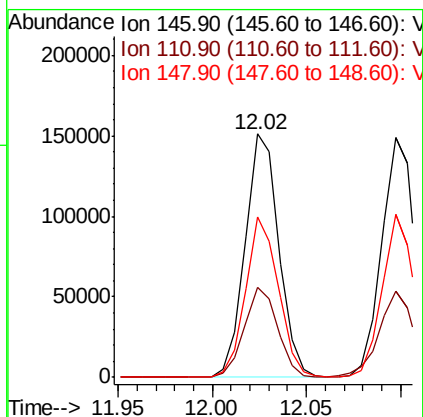
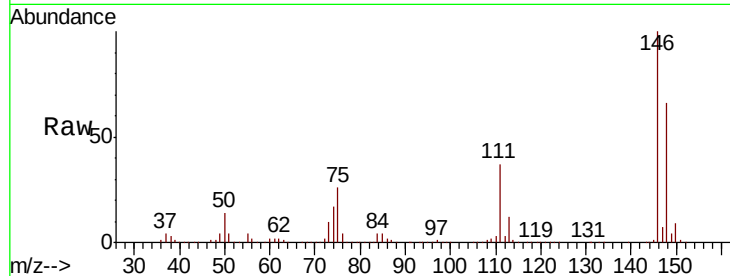




#87
 1,3-Dichlorobenzene
 Concen: 20.85 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

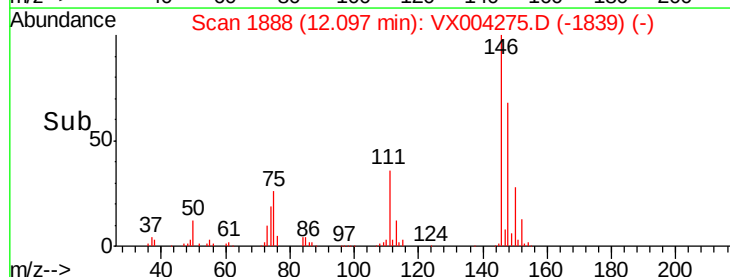
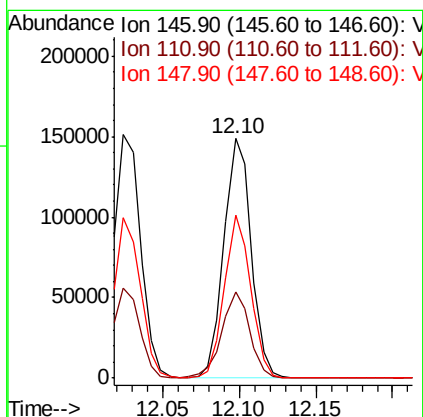
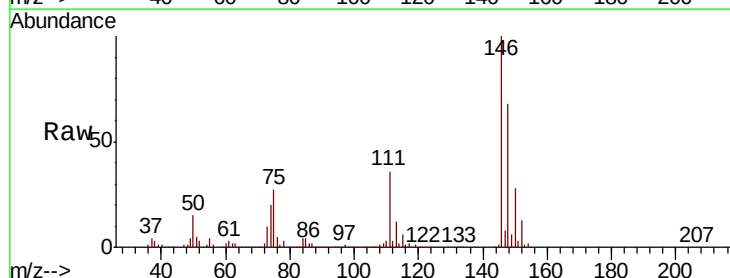
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

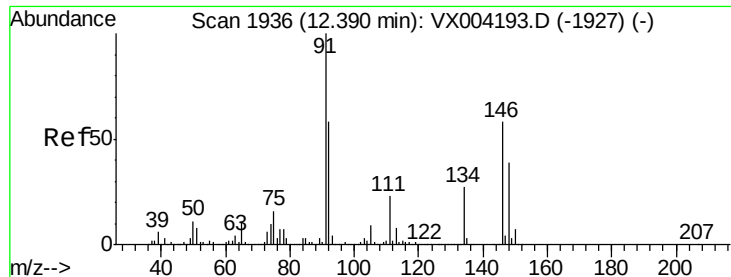
Tot Ion:146 Resp: 187573
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.7 56.1
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.40 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion:146 Resp: 184060
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.1
 148 65.8 32.0 96.0





#89

n-Butylbenzene

Concen: 20.75 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

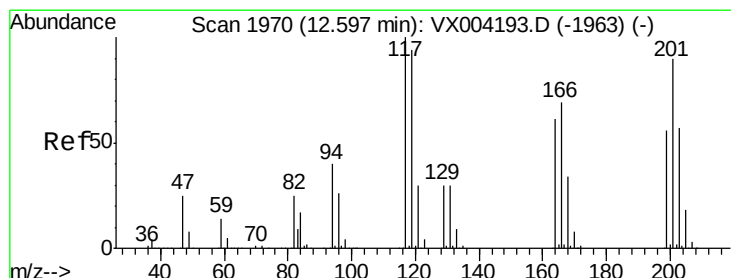
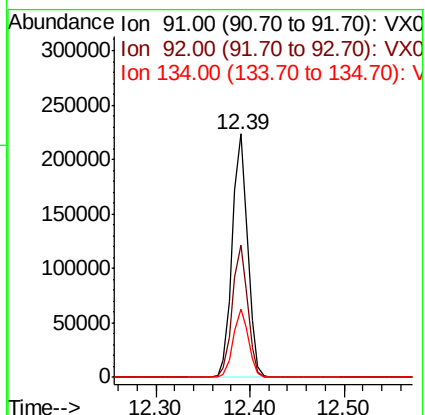
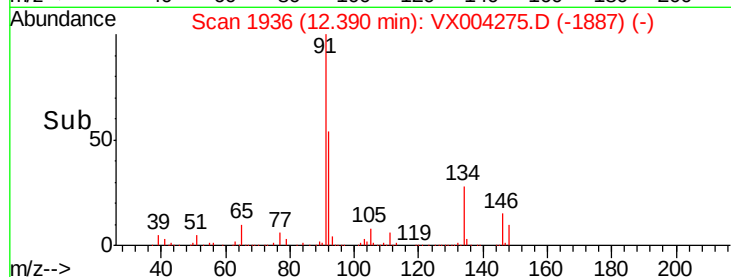
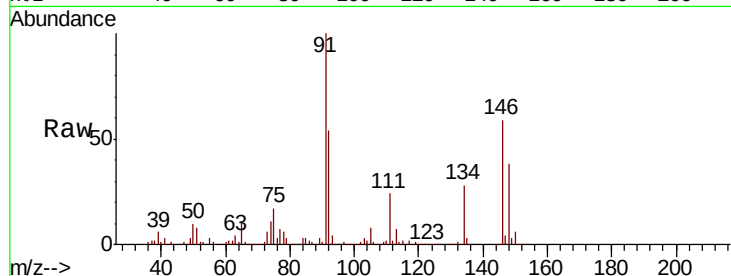
Tot Ion: 91 Resp: 254821

Ion Ratio Lower Upper

91 100

92 53.9 27.3 81.9

134 27.5 13.6 40.7



#90

Hexachloroethane

Concen: 20.27 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VX004275.D

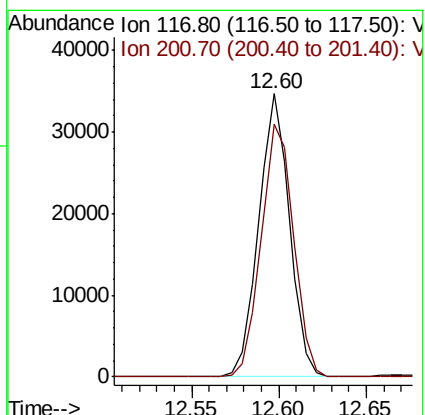
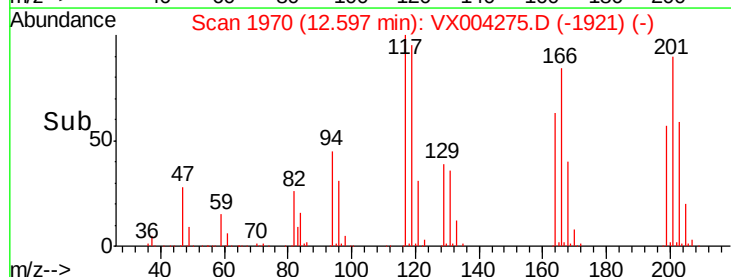
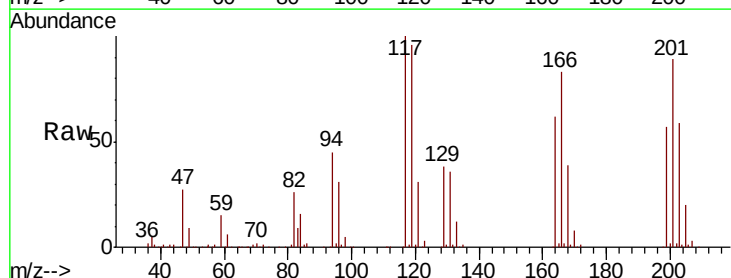
Acq: 28 Aug 2018 18:23

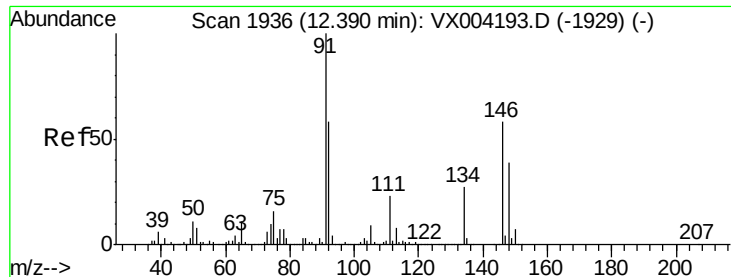
Tgt Ion: 117 Resp: 42782

Ion Ratio Lower Upper

117 100

201 94.5 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.68 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0828MBSD01

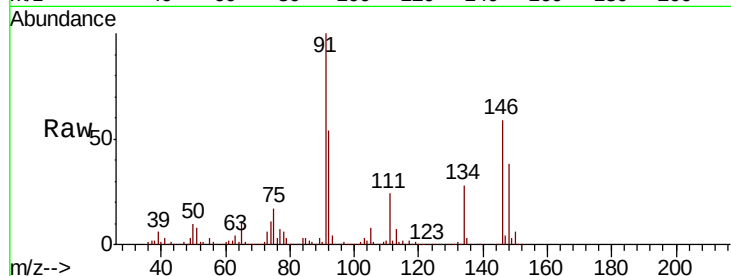
Tot Ion:146 Resp: 170029

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.1

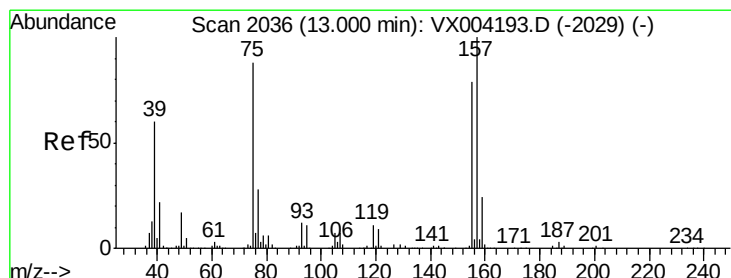
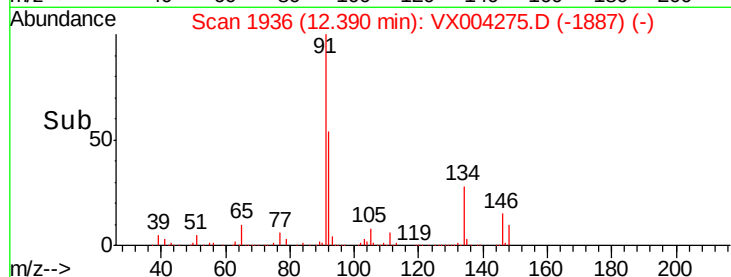
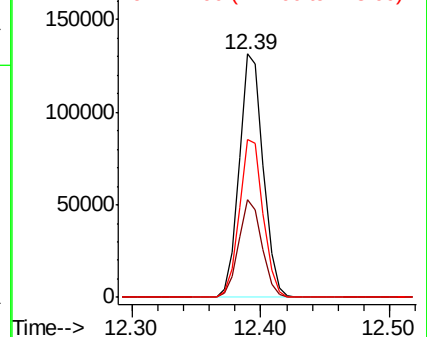
148 64.7 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.40 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004275.D

Acq: 28 Aug 2018 18:23

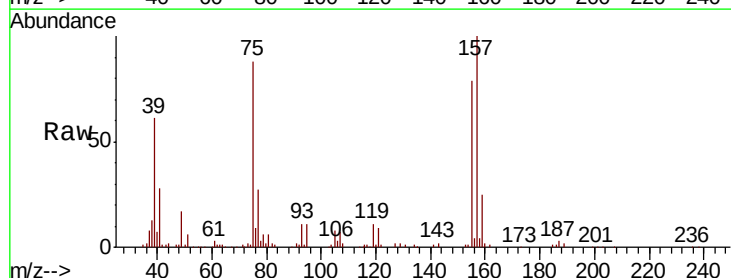
Tgt Ion: 75 Resp: 22467

Ion Ratio Lower Upper

75 100

155 96.9 48.0 144.2

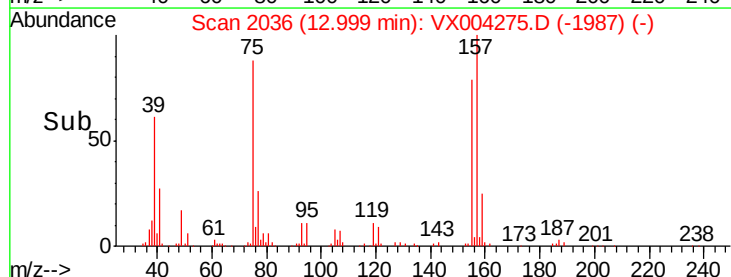
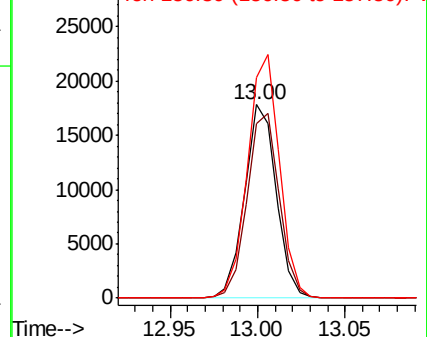
157 126.6 61.4 184.1

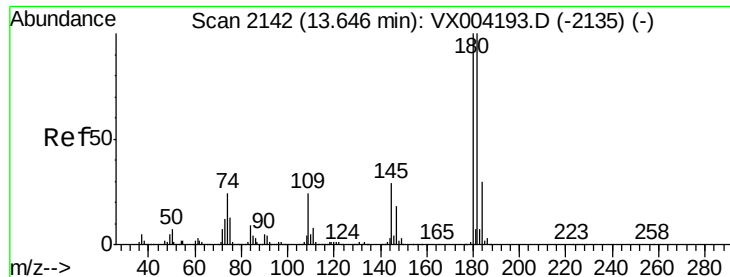


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

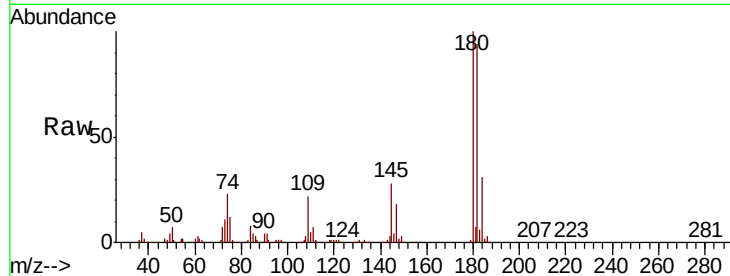




#93
 1,2,4-Trichlorobenzene
 Concen: 20.37 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.0
145	28.2	14.3	42.9

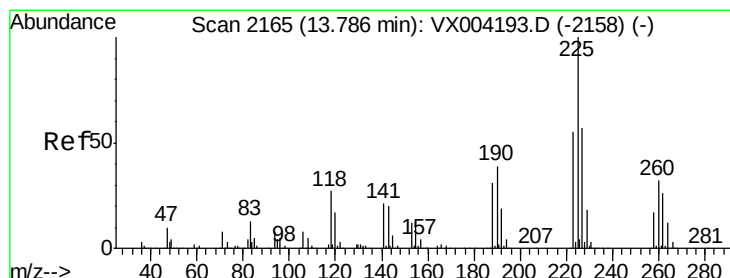
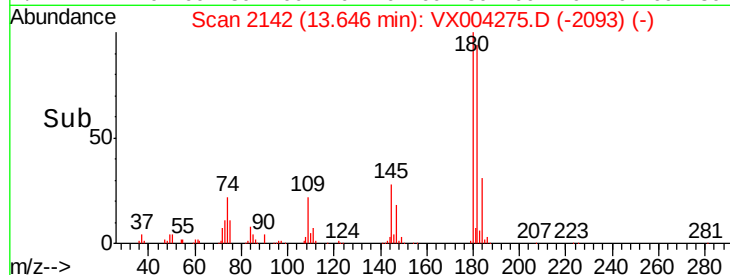
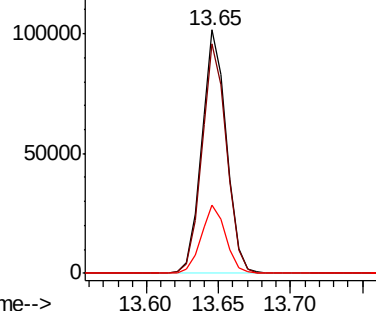


Abundance

Ion 179.80 (179.50 to 180.50): V

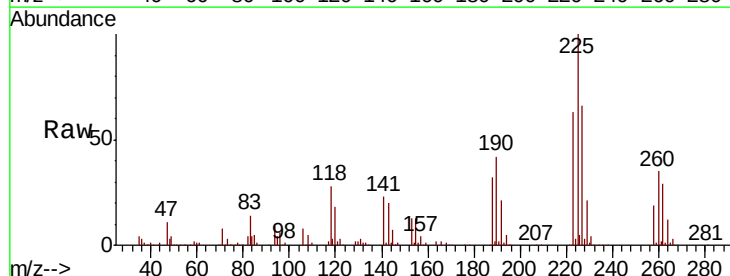
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.21 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004275.D
 Acq: 28 Aug 2018 18:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.1	90.5
227	65.9	30.8	92.4

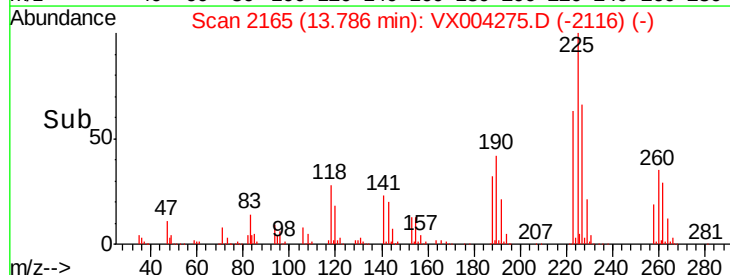
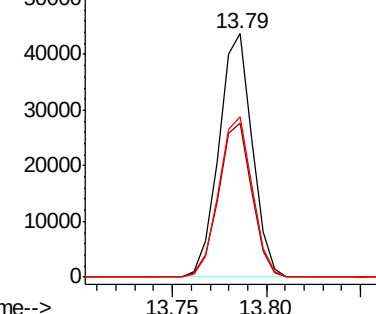


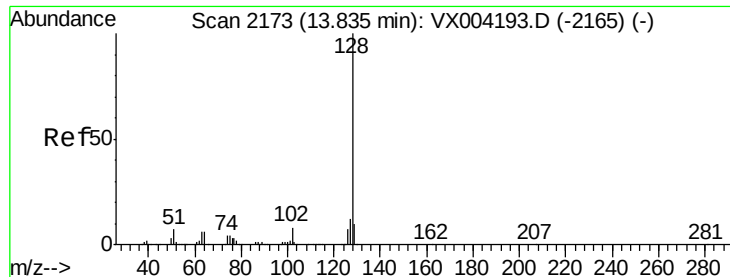
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

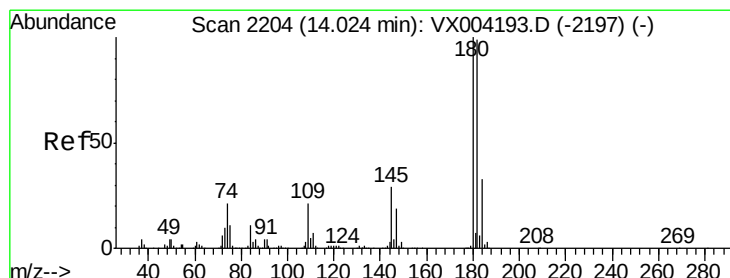
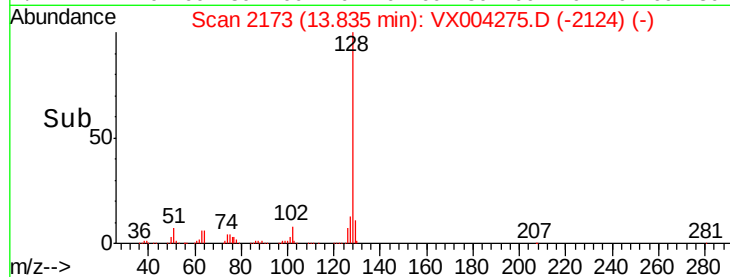
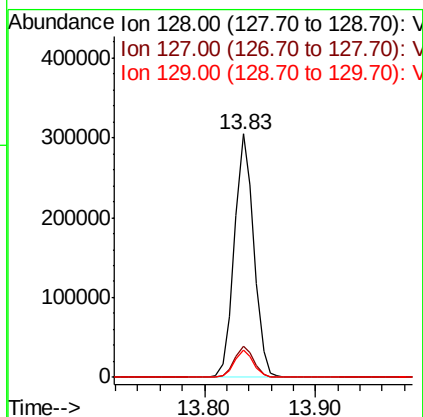
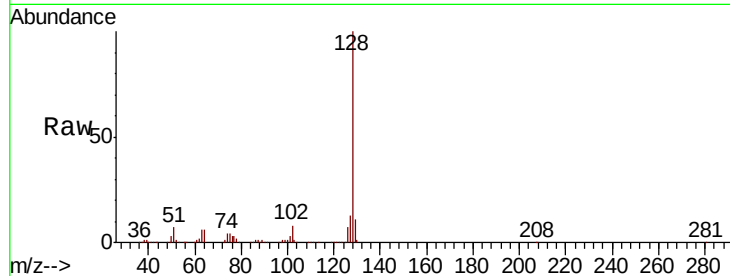




#95
Naphthalene
Concen: 21.71 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :
VX0828MBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.75 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004275.D
Acq: 28 Aug 2018 18:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.5	145.6
145	29.6	14.9	44.9

