

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009814.D
 Acq On : 22 May 2019 19:04
 Operator : JC/SP
 Sample : K2977-13MS 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Quant Time: May 23 07:18:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108669	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	5.50	113	78759	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
50) Toluene-d8	8.71	98	322908	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
62) 4-Bromofluorobenzene	11.13	95	117760	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67230	41.722	ug/l	98
3) Chloromethane	1.32	50	102648	46.659	ug/l	99
4) Vinyl Chloride	1.41	62	97943	45.656	ug/l	97
5) Bromomethane	1.64	94	55684	43.247	ug/l	97
6) Chloroethane	1.71	64	61735	44.823	ug/l	99
7) Trichlorofluoromethane	1.92	101	117922	45.222	ug/l	99
8) Diethyl Ether	2.19	74	54997	44.525	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71435	43.624	ug/l	99
10) Methyl Iodide	2.51	142	88605	46.885	ug/l	99
11) Tert butyl alcohol	3.06	59	122842	222.320	ug/l	98
12) 1,1-Dichloroethene	2.37	96	73924	45.056	ug/l	99
13) Acrolein	2.29	56	98816	197.473	ug/l	98
14) Allyl chloride	2.73	41	181833	45.476	ug/l	99
15) Acrylonitrile	3.14	53	308656	228.462	ug/l	99
16) Acetone	2.45	43	259532	202.481	ug/l	97
17) Carbon Disulfide	2.57	76	215722	46.831	ug/l	99
18) Methyl Acetate	2.78	43	132344	43.416	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	285723	44.846	ug/l	99
20) Methylene Chloride	2.85	84	90915	43.807	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	79552	44.709	ug/l	97
22) Diisopropyl ether	3.85	45	354734	46.133	ug/l	93
23) Vinyl Acetate	3.82	43	1616101	245.440	ug/l	99
24) 1,1-Dichloroethane	3.70	63	170019	44.821	ug/l	100
25) 2-Butanone	4.67	43	454754	228.312	ug/l	98
26) 2,2-Dichloropropane	4.59	77	118962	42.133	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	93422	43.987	ug/l	99
28) Bromochloromethane	5.01	49	89837	59.346	ug/l	98
29) Tetrahydrofuran	5.13	42	300553	234.491	ug/l	98
30) Chloroform	5.21	83	155676	45.376	ug/l	98
31) Cyclohexane	5.58	56	166922	47.298	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	127666	44.702	ug/l	99
36) 1,1-Dichloropropene	5.80	75	119301	45.476	ug/l	99
37) Ethyl Acetate	4.84	43	172225	47.119	ug/l	99
38) Carbon Tetrachloride	5.79	117	105577	44.295	ug/l	98

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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	148519	46.099	ug/l	98
40) Benzene	6.14	78	365325	44.997	ug/l	100
41) Methacrylonitrile	5.04	41	98831	45.423	ug/l	98
42) 1,2-Dichloroethane	6.20	62	134830	46.296	ug/l	99
43) Isopropyl Acetate	6.45	43	275953	47.199	ug/l	99
44) Trichloroethene	7.21	130	84984	43.298	ug/l	95
45) 1,2-Dichloropropane	7.51	63	104227	45.337	ug/l	98
46) Dibromomethane	7.66	93	59354	44.460	ug/l	98
47) Bromodichloromethane	7.90	83	120336	45.188	ug/l	99
48) Methyl methacrylate	7.77	41	141024	48.618	ug/l	97
49) 1,4-Dioxane	7.74	88	43538	740.136	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	918710	240.409	ug/l	99
52) Toluene	8.79	92	226049	45.803	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138975	46.224	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	152960	45.964	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	89825	44.613	ug/l	96
56) Ethyl methacrylate	9.18	69	167285	46.544	ug/l	96
57) 1,3-Dichloropropane	9.37	76	159451	45.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	15553	8.157	ug/l	97
59) 2-Hexanone	9.49	43	706688	235.460	ug/l	98
60) Dibromochloromethane	9.58	129	90828	46.188	ug/l	100
61) 1,2-Dibromoethane	9.67	107	92686	45.604	ug/l	99
64) Tetrachloroethene	9.34	164	74539	42.007	ug/l	99
65) Chlorobenzene	10.14	112	231343	44.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	83008	44.246	ug/l	100
67) Ethyl Benzene	10.25	91	496840	52.170	ug/l	100
68) m/p-Xylenes	10.36	106	385221	110.690	ug/l	98
69) o-Xylene	10.70	106	172924	50.360	ug/l	99
70) Styrene	10.71	104	274870	46.057	ug/l	98
71) Bromoform	10.85	173	70018	45.926	ug/l #	100
73) Isopropylbenzene	11.02	105	507689	54.988	ug/l	99
74) N-amyl acetate	10.90	43	257115	47.766	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	153526	44.606	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	181552	61.645	ug/l	81
77) Bromobenzene	11.26	156	102180	44.589	ug/l	99
78) n-propylbenzene	11.36	91	691481	65.579	ug/l	100
79) 2-Chlorotoluene	11.42	91	316994	48.729	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	512241	65.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51050	44.351	ug/l	96
82) 4-Chlorotoluene	11.51	91	349553	47.564	ug/l	97
83) tert-Butylbenzene	11.77	119	359659	47.558	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1149996	147.376	ug/l	99
85) sec-Butylbenzene	11.94	105	461625	51.487	ug/l	98
86) p-Isopropyltoluene	12.06	119	394897	48.993	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182847	44.758	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	181072	43.964	ug/l	99
89) n-Butylbenzene	12.38	91	391743	53.772	ug/l	95
90) Hexachloroethane	12.60	117	68437	49.837	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	181249	43.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34798	45.069	ug/l	95

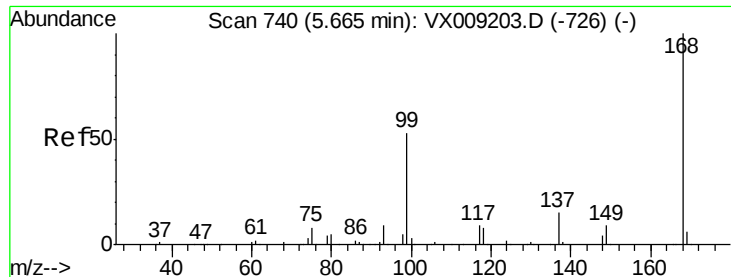
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128236	45.068	ug/l	99
94) Hexachlorobutadiene	13.78	225	66429	45.717	ug/l	100
95) Naphthalene	13.83	128	452687	48.900	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127923	44.352	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

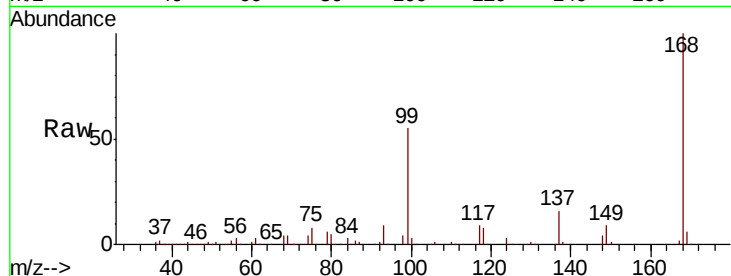
EP1-PZ-E3-4MS

Tot Ion:168 Resp: 174861

Ion Ratio Lower Upper

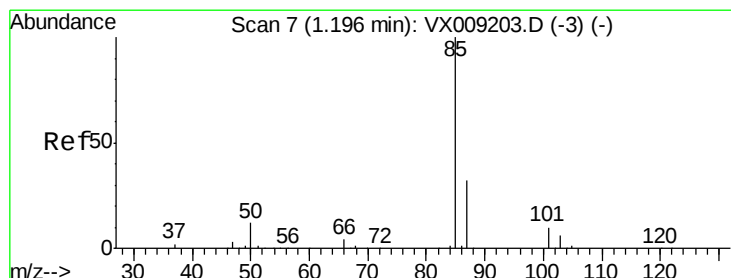
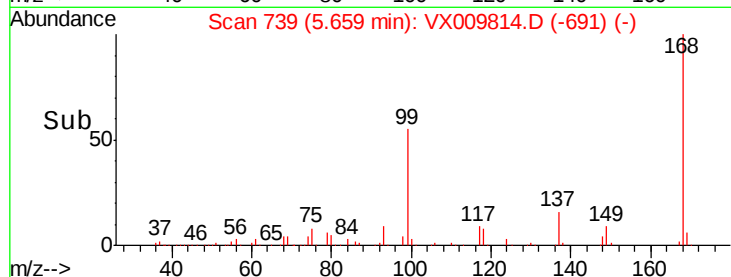
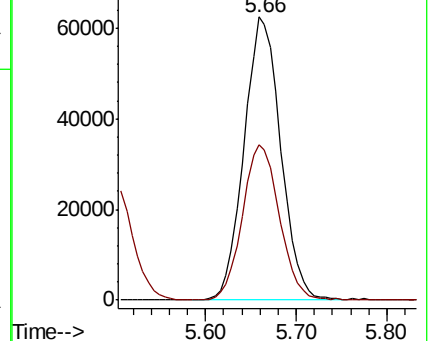
168 100

99 54.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.722 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009814.D

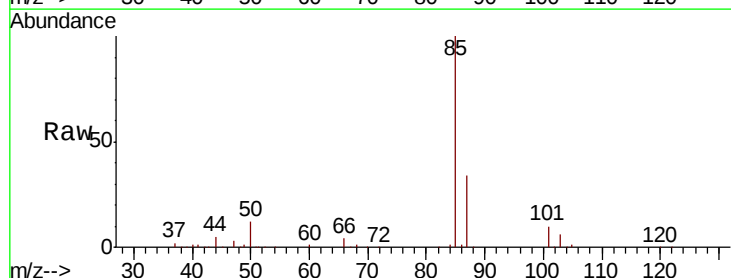
Acq: 22 May 2019 19:04

Tgt Ion: 85 Resp: 67230

Ion Ratio Lower Upper

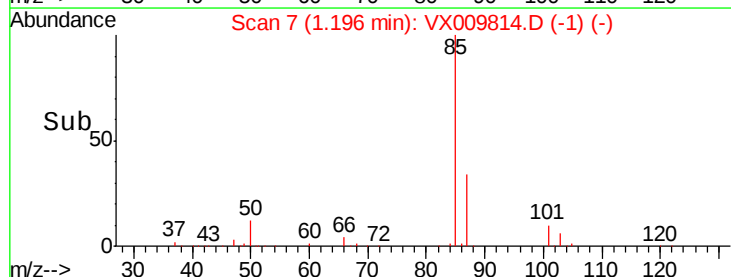
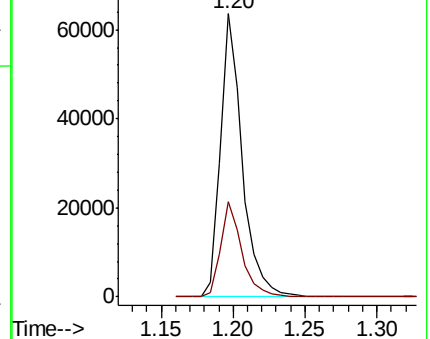
85 100

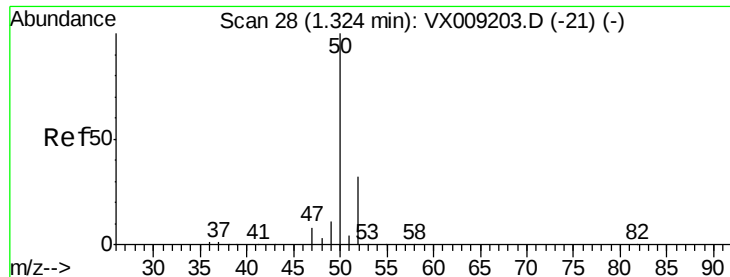
87 33.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.659 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

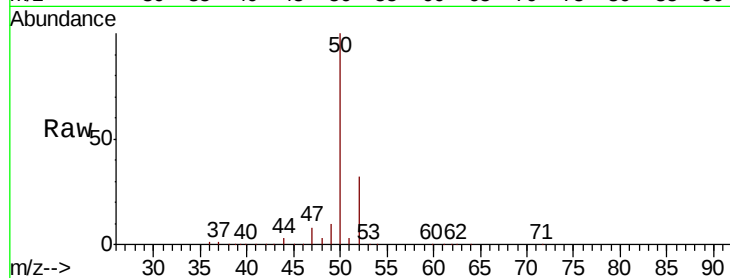
EP1-PZ-E3-4MS

Tot Ion: 50 Resp: 102648

Ion Ratio Lower Upper

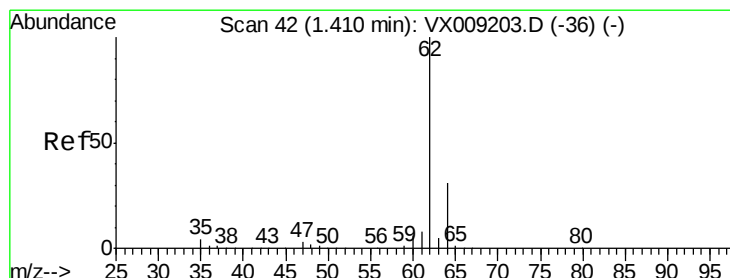
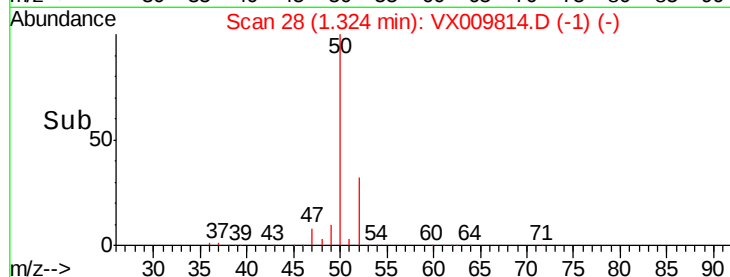
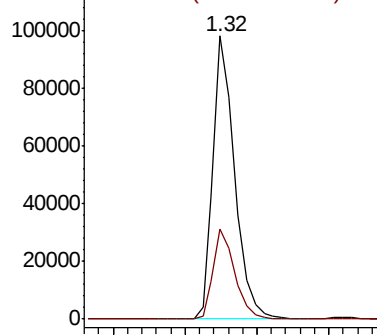
50 100

52 31.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.656 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009814.D

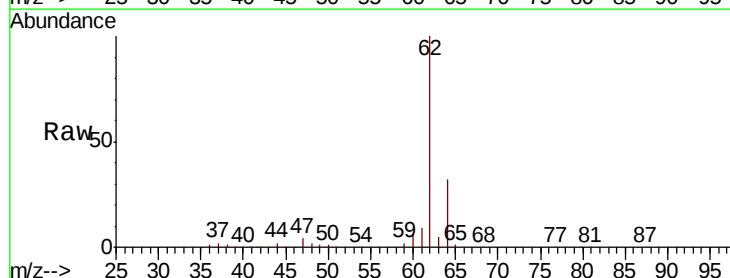
Acq: 22 May 2019 19:04

Tgt Ion: 62 Resp: 97943

Ion Ratio Lower Upper

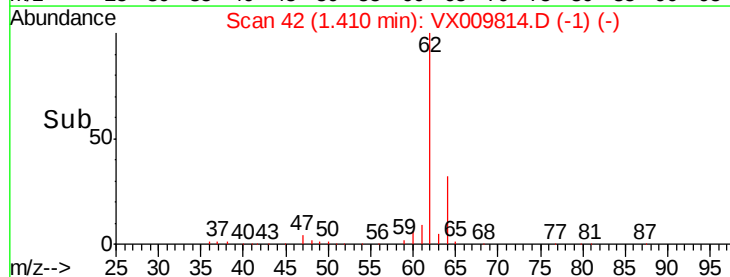
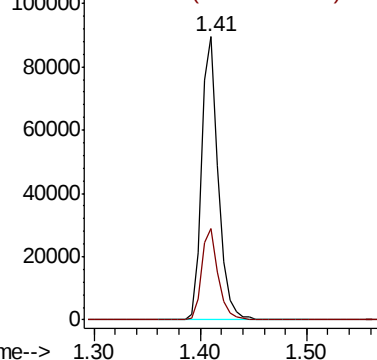
62 100

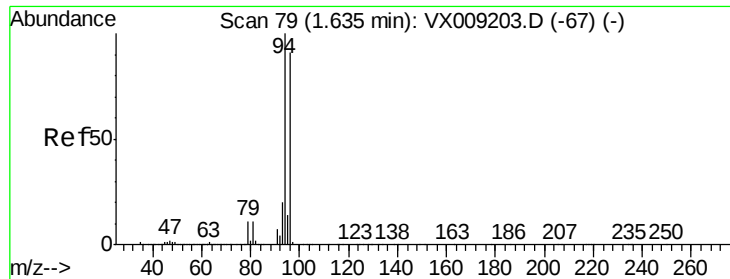
64 32.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.247 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

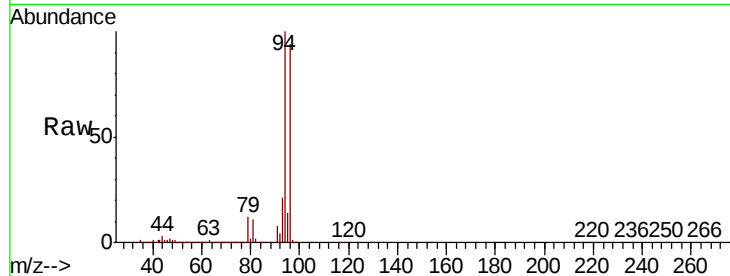
EP1-PZ-E3-4MS

Tot Ion: 94 Resp: 55684

Ion Ratio Lower Upper

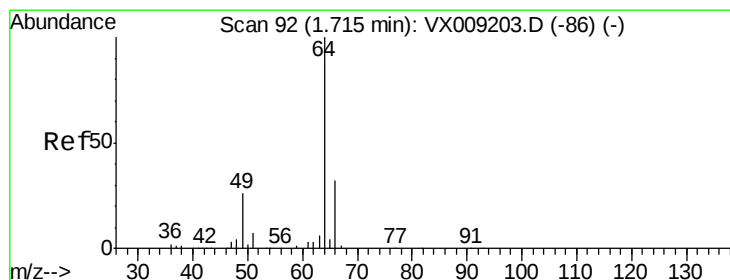
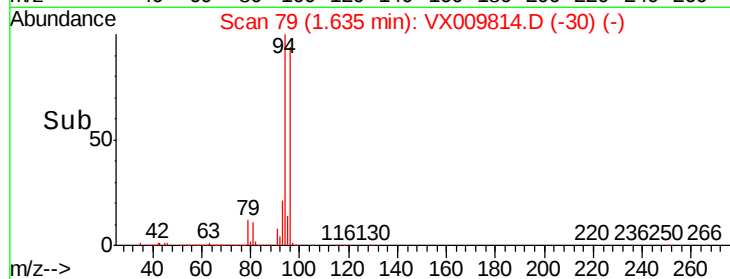
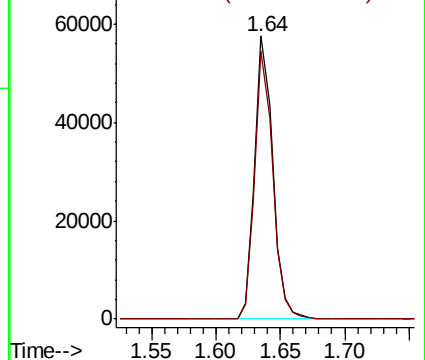
94 100

96 94.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.823 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009814.D

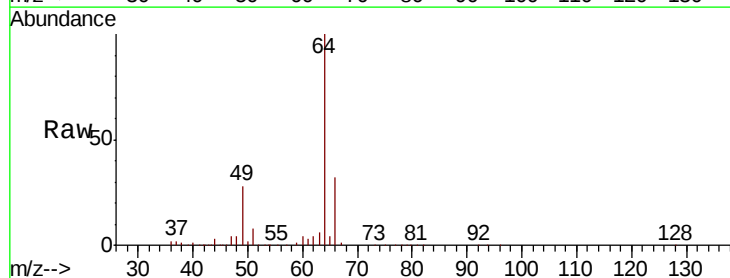
Acq: 22 May 2019 19:04

Tgt Ion: 64 Resp: 61735

Ion Ratio Lower Upper

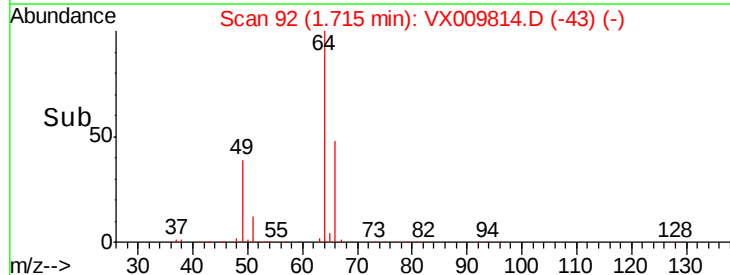
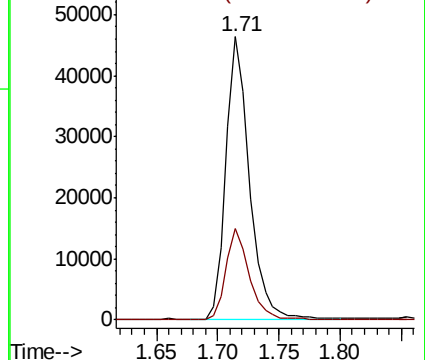
64 100

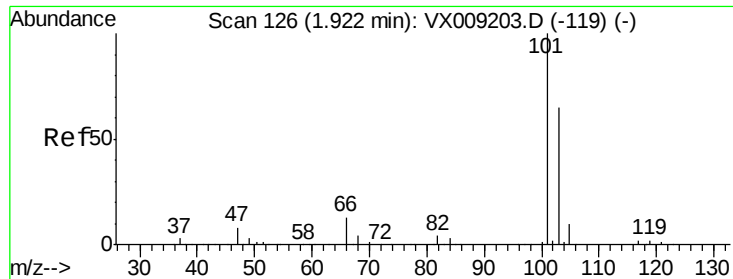
66 32.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



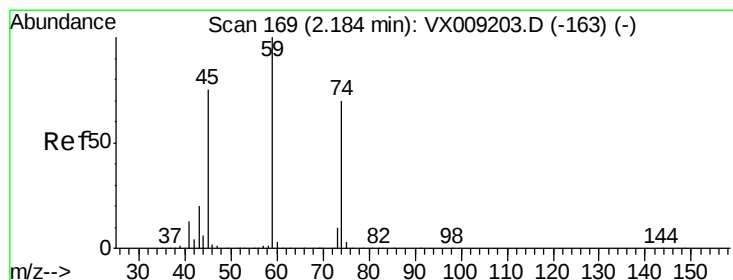
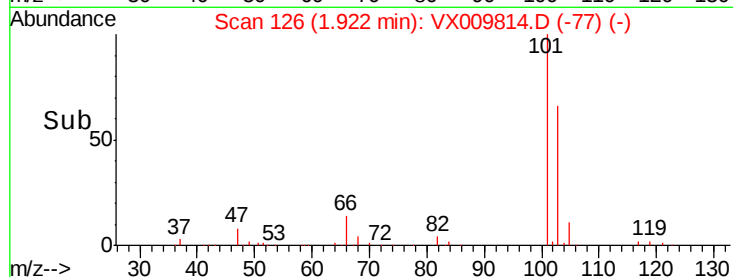
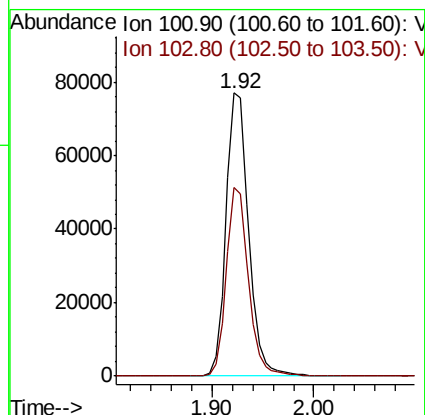
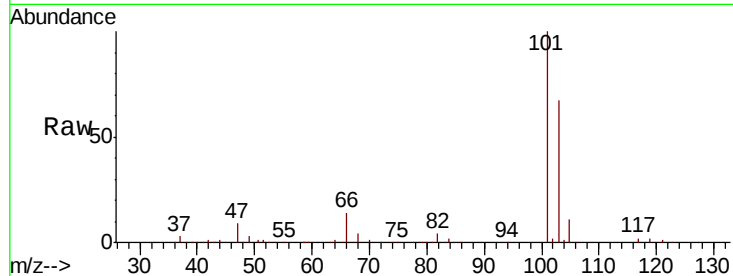


#7

Trichlorofluoromethane
 Concen: 45.222 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Instrument :
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 EP1-PZ-E3-4MS

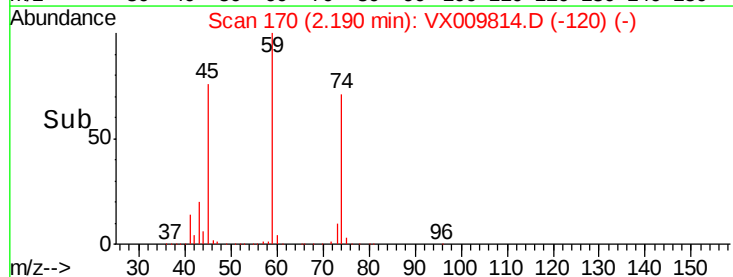
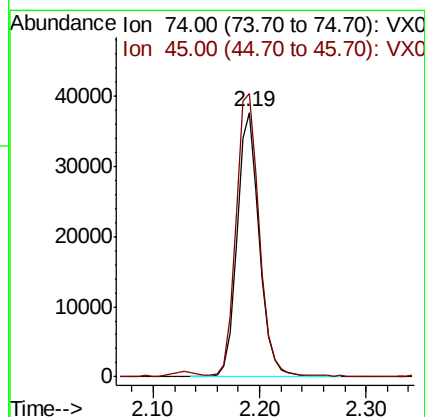
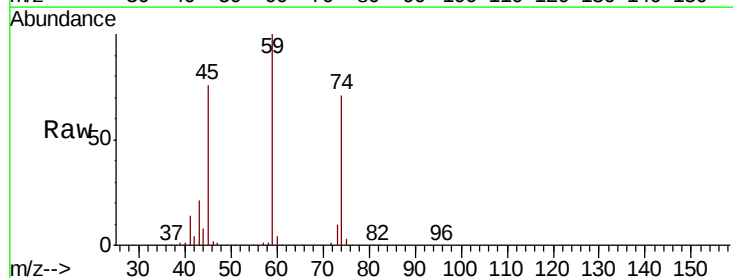
Tot Ion:101 Resp: 117922
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.4 78.6

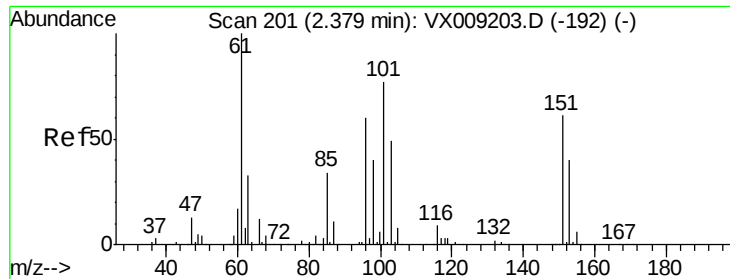


#8

Diethyl Ether
 Concen: 44.525 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion: 74 Resp: 54997
 Ion Ratio Lower Upper
 74 100
 45 112.3 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.624 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

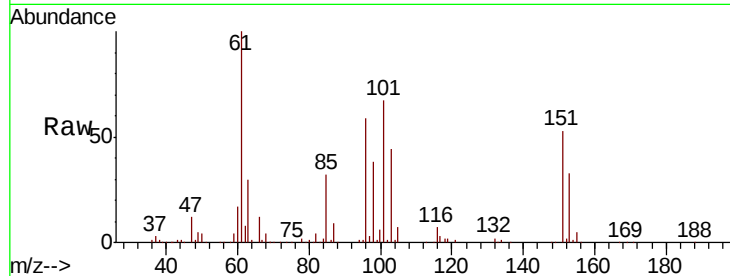
Tot Ion:101 Resp: 71435

Ion Ratio Lower Upper

101 100

85 44.9 35.7 53.5

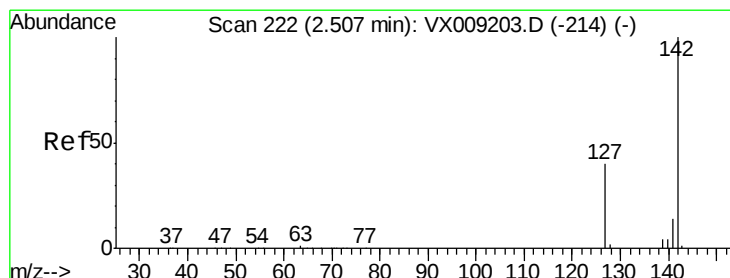
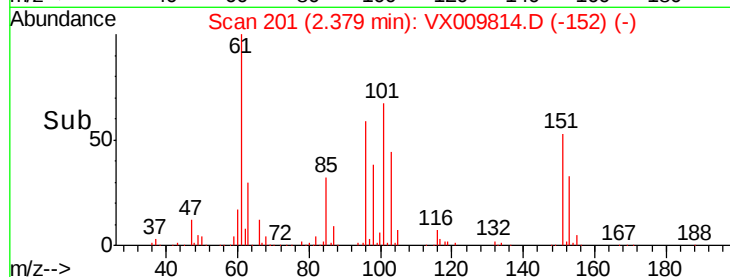
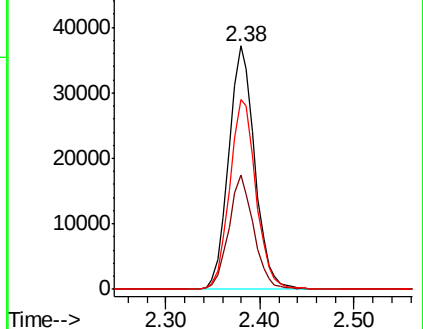
151 78.6 62.2 93.2



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: 46.885 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

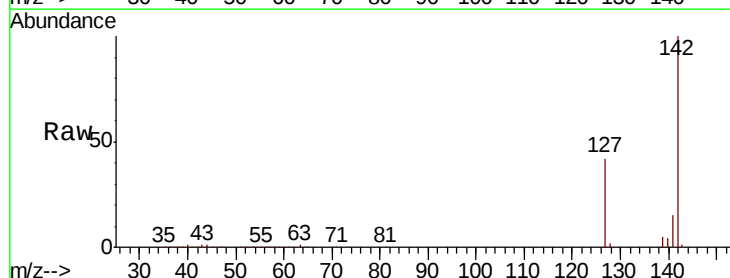
Tgt Ion:142 Resp: 88605

Ion Ratio Lower Upper

142 100

127 42.0 32.7 49.1

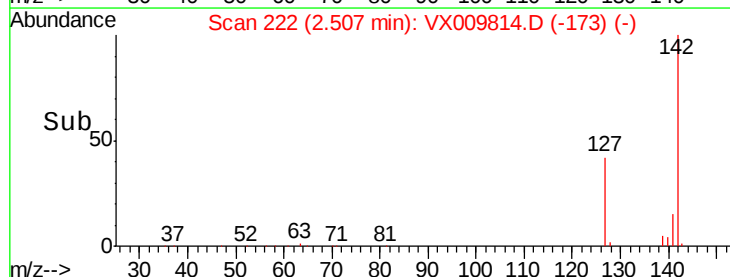
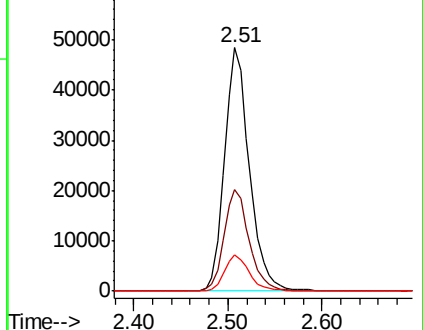
141 14.5 11.5 17.3

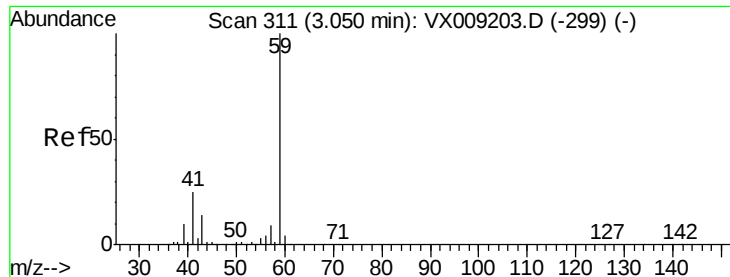


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

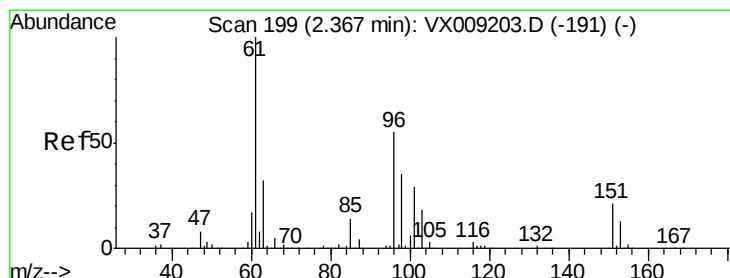
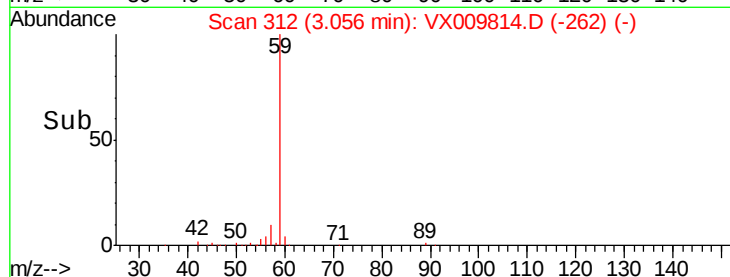
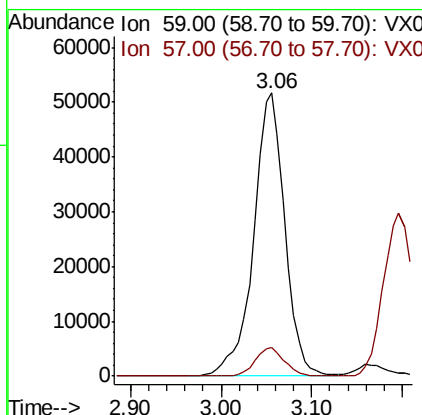
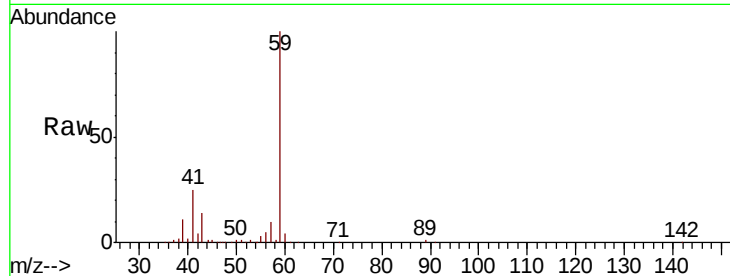




#11
Tert butyl alcohol
Concen: 222.320 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

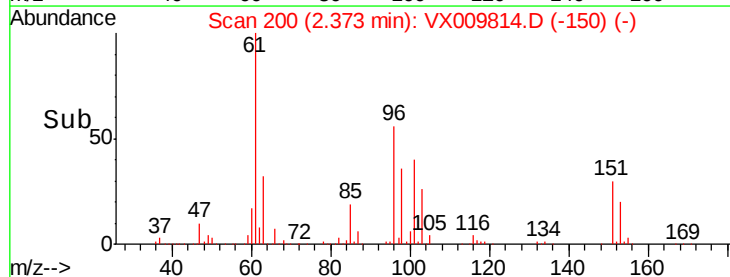
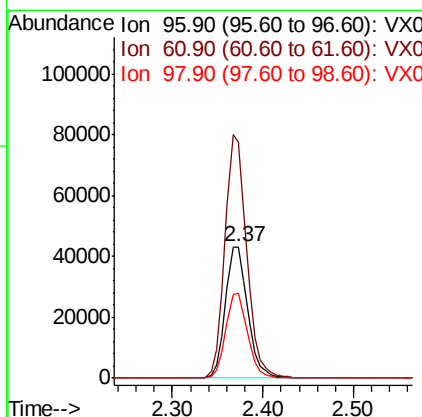
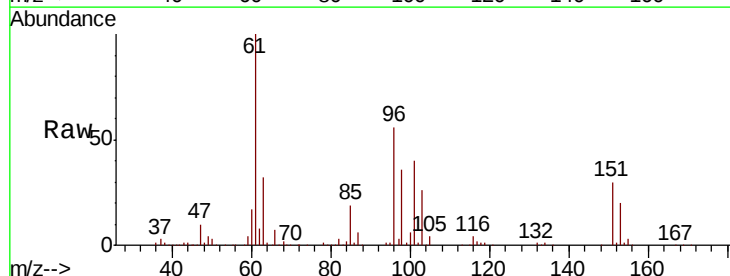
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

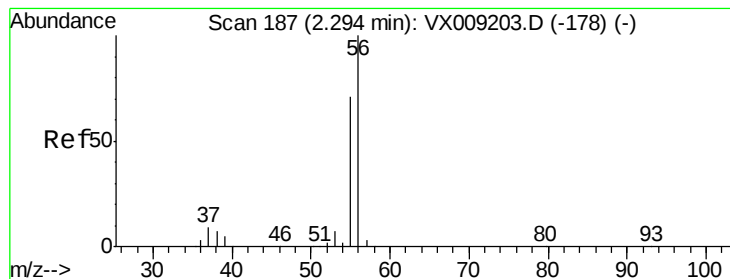
Tot Ion: 59 Resp: 122842
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 45.056 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 96 Resp: 73924
Ion Ratio Lower Upper
96 100
61 179.4 144.3 216.5
98 64.2 50.3 75.5





#13

Acrolein

Concen: 197.473 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

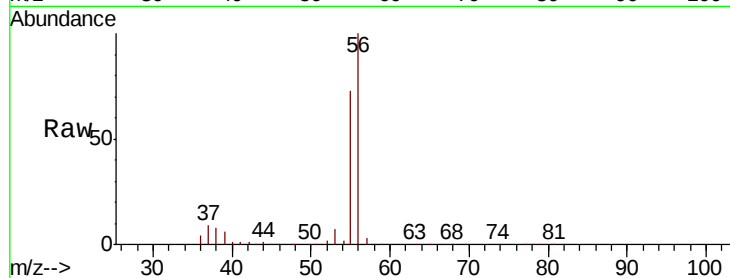
EP1-PZ-E3-4MS

Tot Ion: 56 Resp: 98816

Ion Ratio Lower Upper

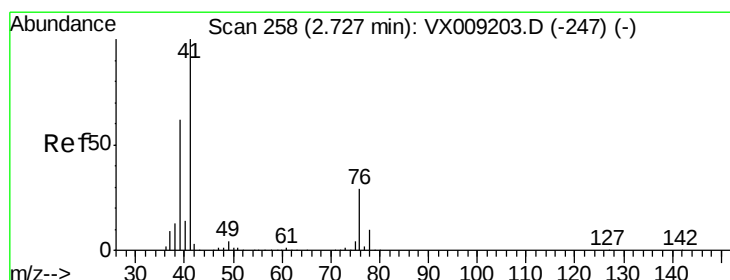
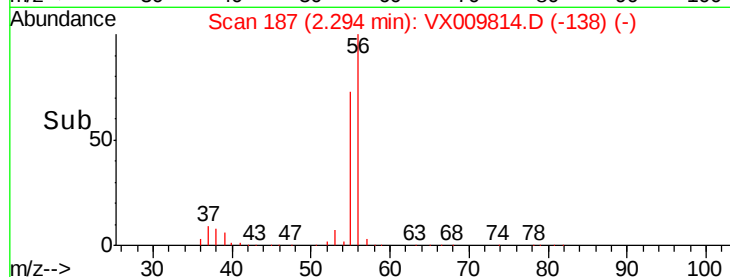
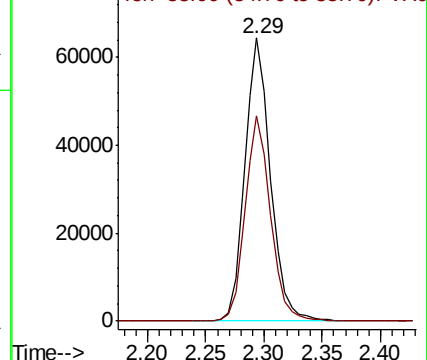
56 100

55 72.2 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.476 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

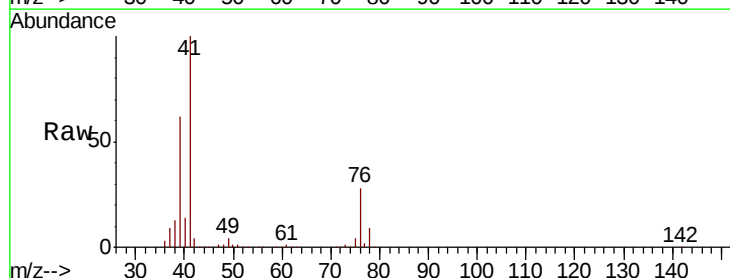
Tgt Ion: 41 Resp: 181833

Ion Ratio Lower Upper

41 100

39 58.3 46.7 70.1

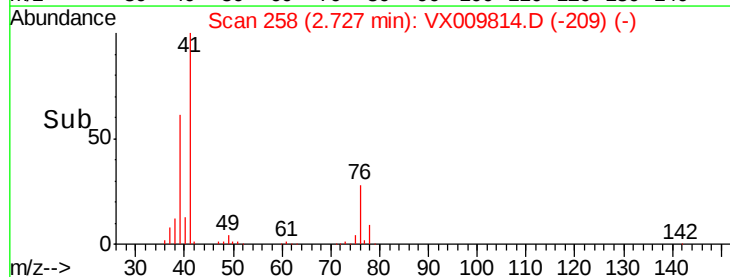
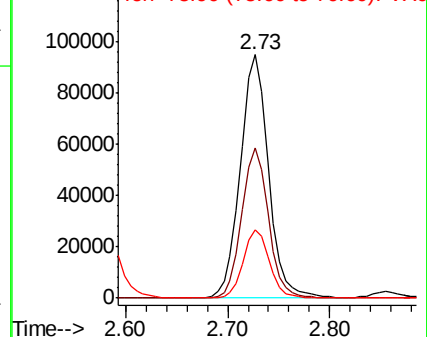
76 26.1 21.8 32.8

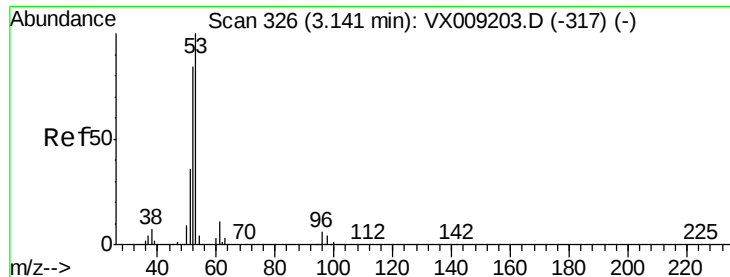


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 228.462 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

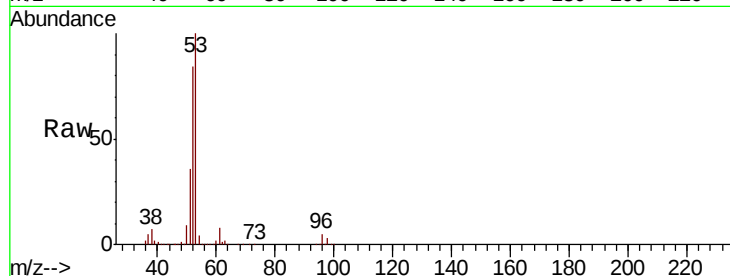
Tot Ion: 53 Resp: 308656

Ion Ratio Lower Upper

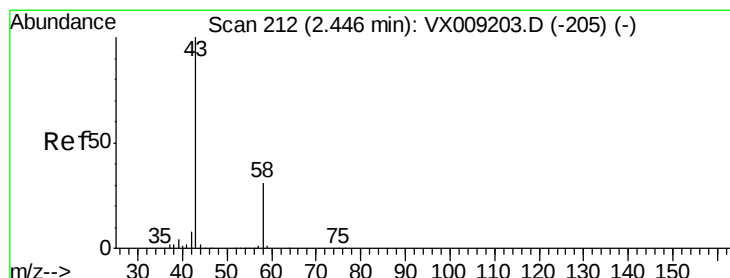
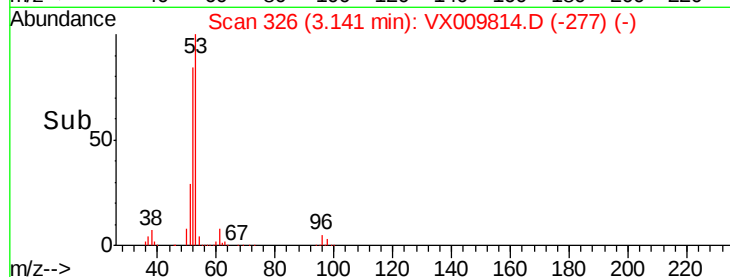
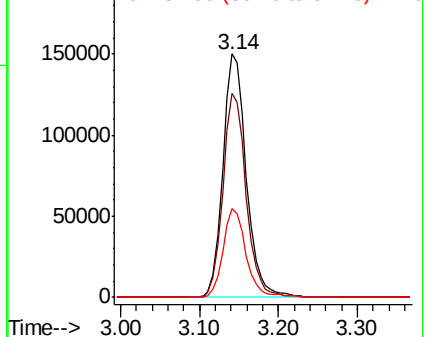
53 100

52 83.2 66.9 100.3

51 36.0 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: 202.481 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009814.D

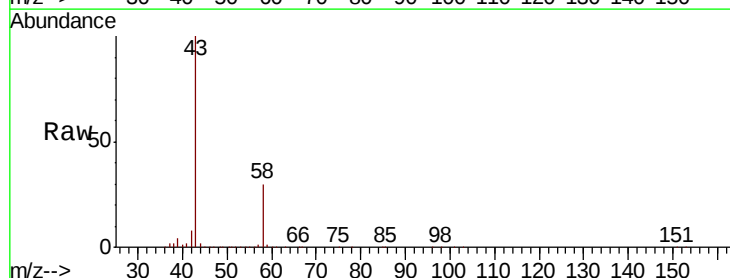
Acq: 22 May 2019 19:04

Tgt Ion: 43 Resp: 259532

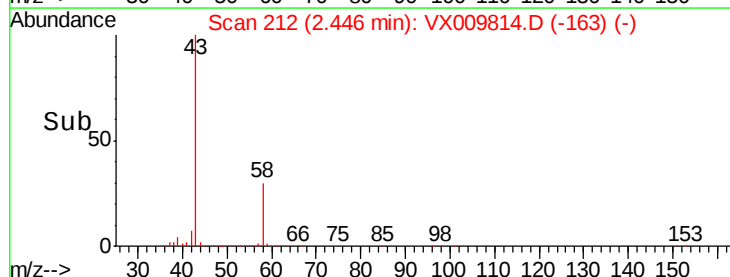
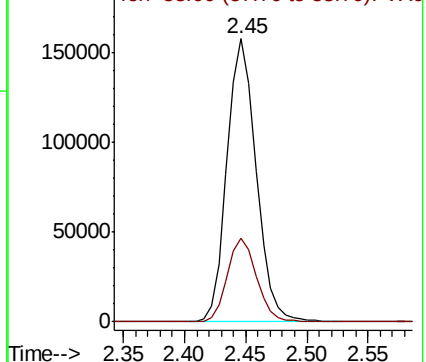
Ion Ratio Lower Upper

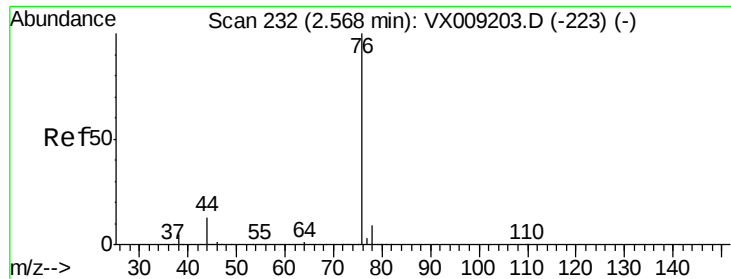
43 100

58 29.7 24.9 37.3



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

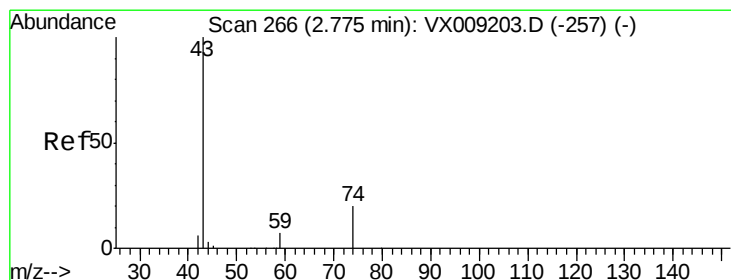
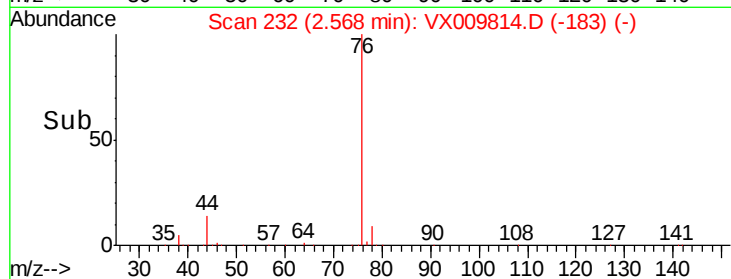
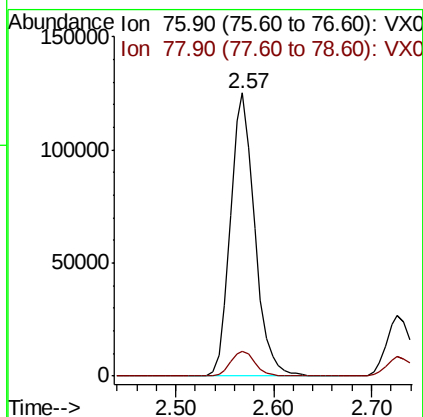
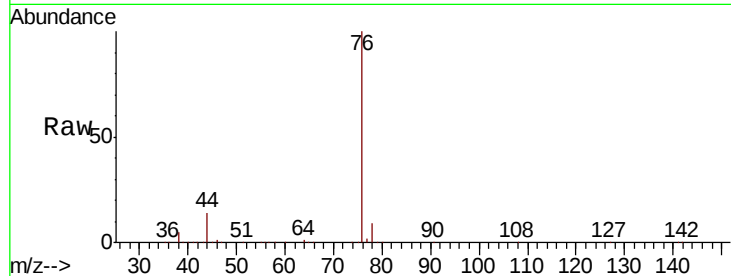




#17
Carbon Disulfide
Concen: 46.831 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

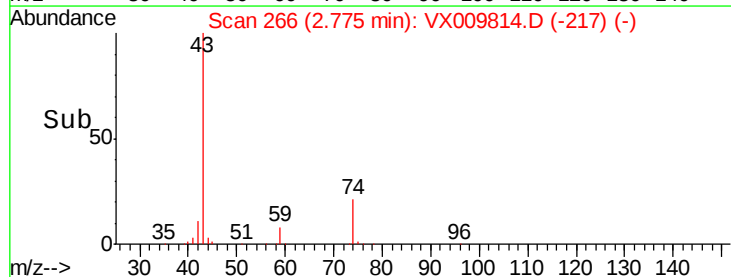
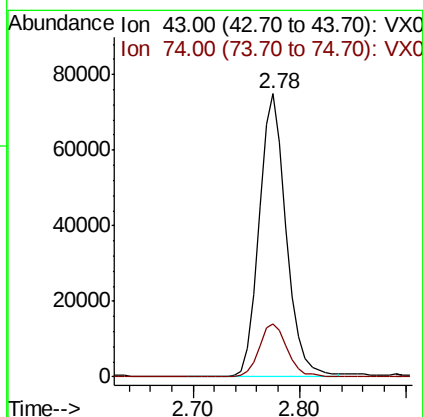
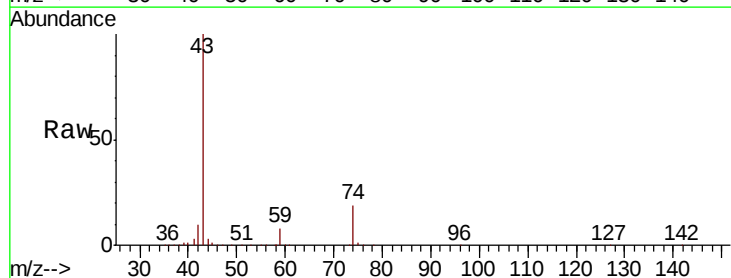
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

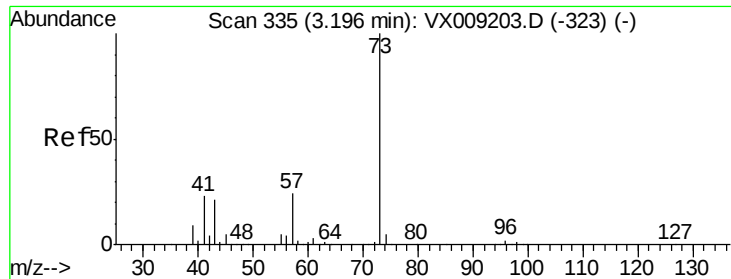
Tot Ion: 76 Resp: 215722
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 43.416 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 43 Resp: 132344
Ion Ratio Lower Upper
43 100
74 19.7 16.2 24.4

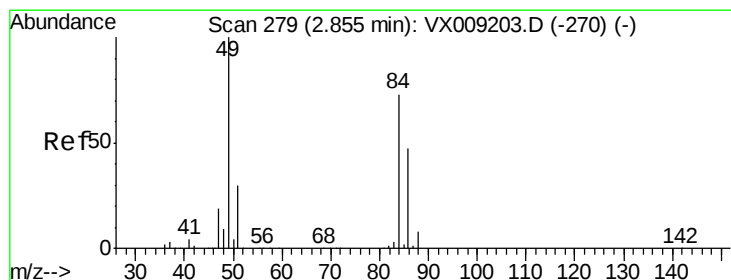
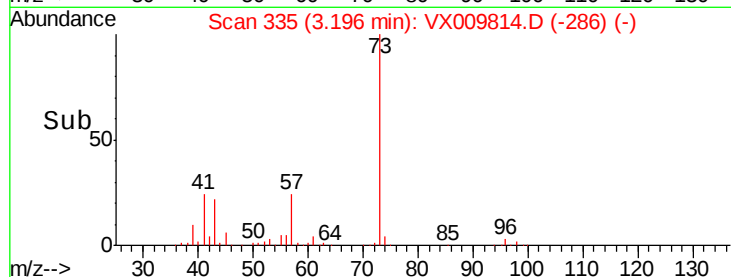
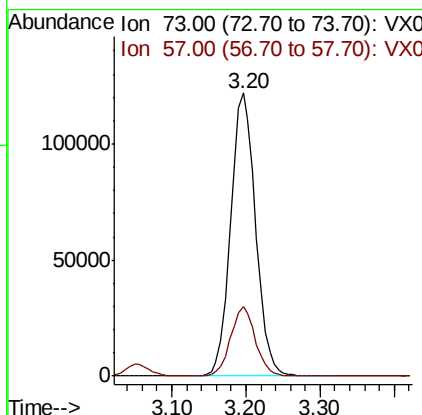
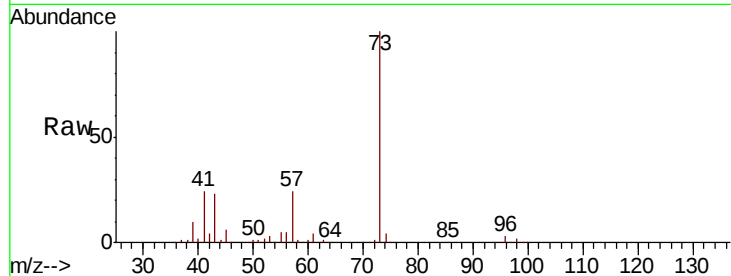




#19
Methyl tert-butyl Ether
Concen: 44.846 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

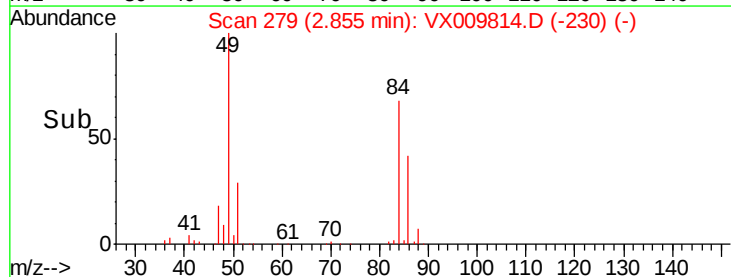
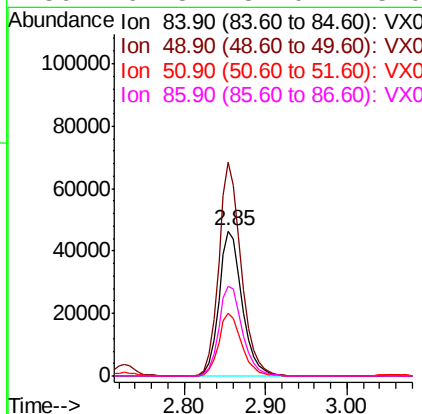
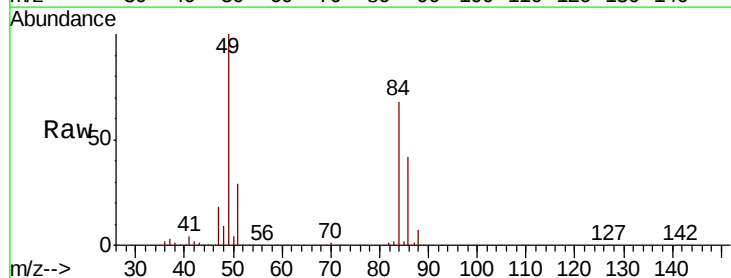
Instrument :
MSVOA_X
ClientSampled :
EP1-PZ-E3-4MS

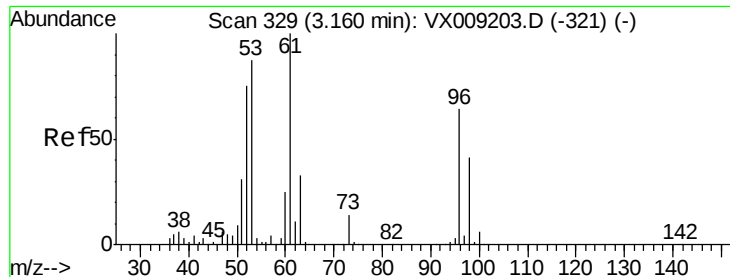
Tot Ion: 73 Resp: 285723
Ion Ratio Lower Upper
73 100
57 24.4 19.3 28.9



#20
Methylene Chloride
Concen: 43.807 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 84 Resp: 90915
Ion Ratio Lower Upper
84 100
49 147.3 109.9 164.9
51 43.3 32.7 49.1
86 61.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 44.709 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

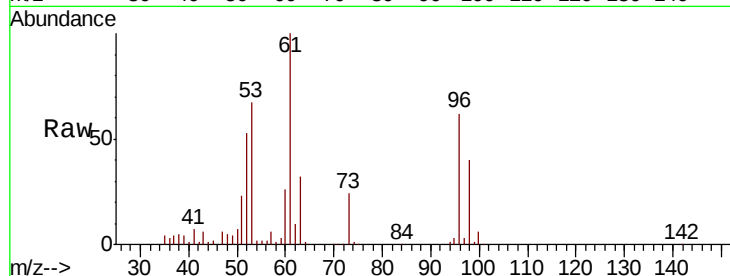
Tot Ion: 96 Resp: 79552

Ion Ratio Lower Upper

96 100

61 160.3 124.5 186.7

98 63.7 50.4 75.6

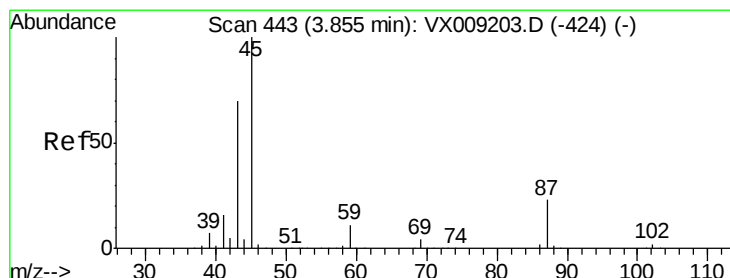
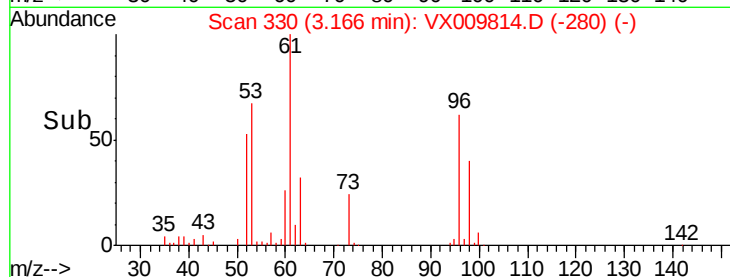
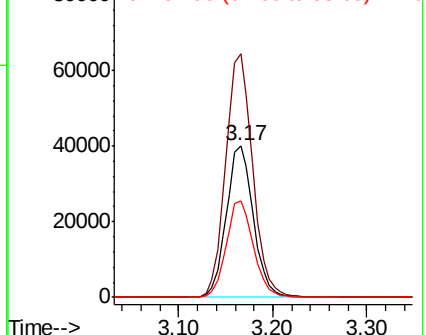


Abundance

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: 46.133 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Tgt Ion: 45 Resp: 354734

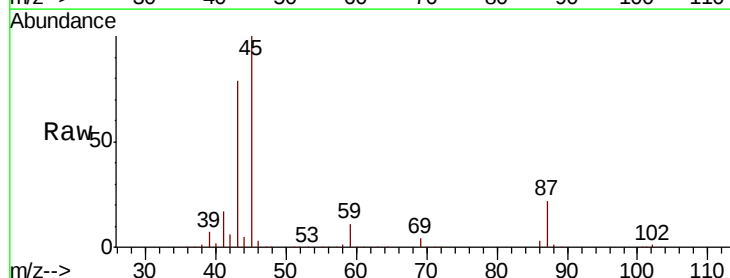
Ion Ratio Lower Upper

45 100

43 78.4 56.1 84.1

87 22.0 18.1 27.1

59 10.6 8.5 12.7



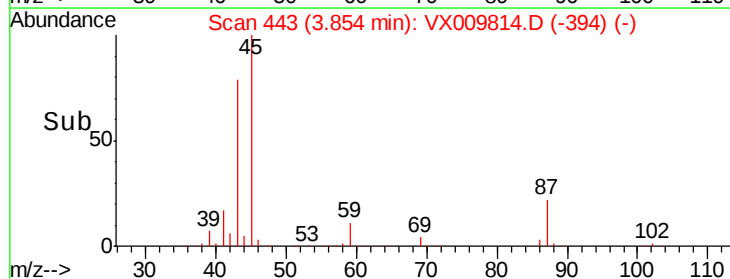
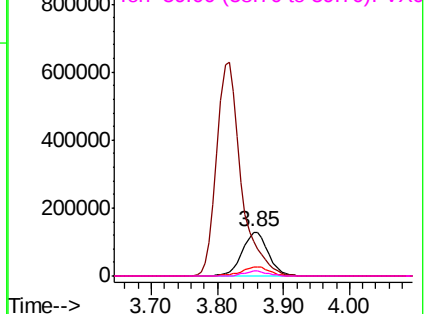
Abundance

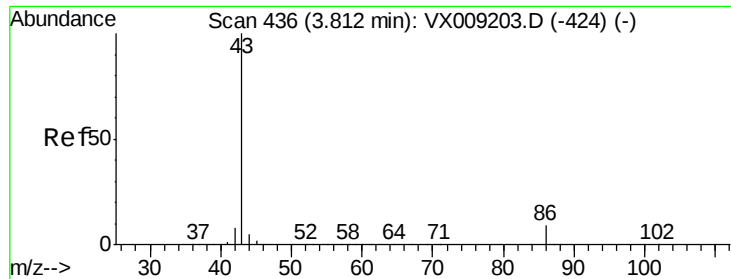
Ion 45.00 (44.70 to 45.70): VX0

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

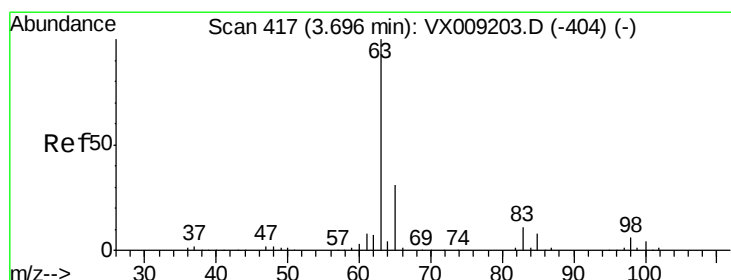
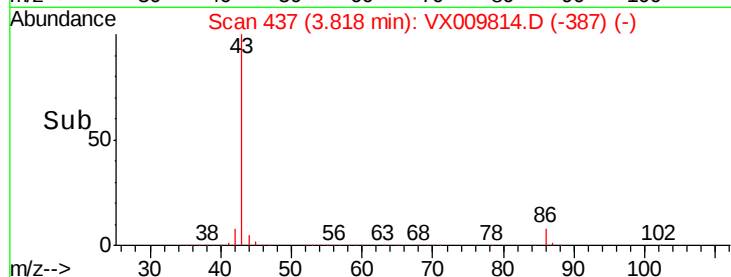
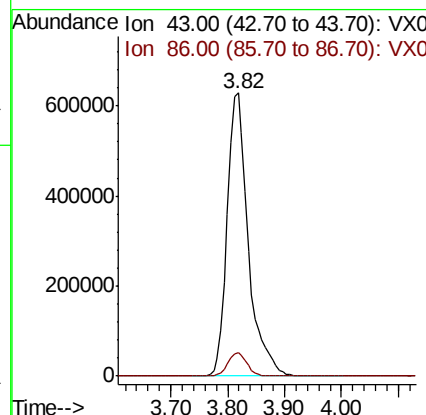
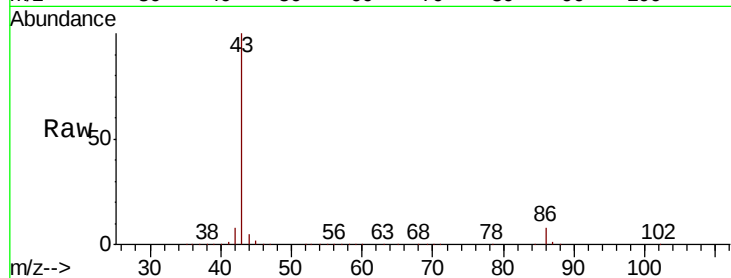




#23
 Vinyl Acetate
 Concen: 245.440 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.01 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

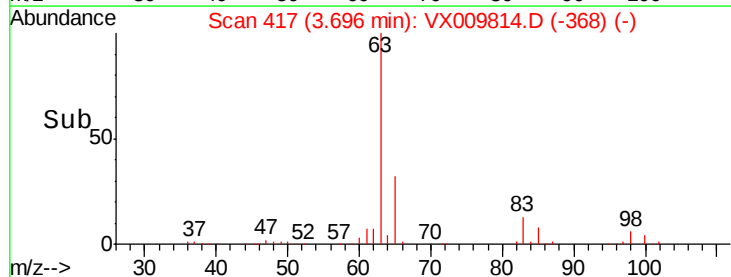
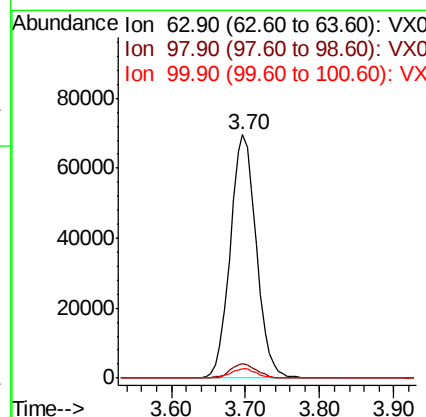
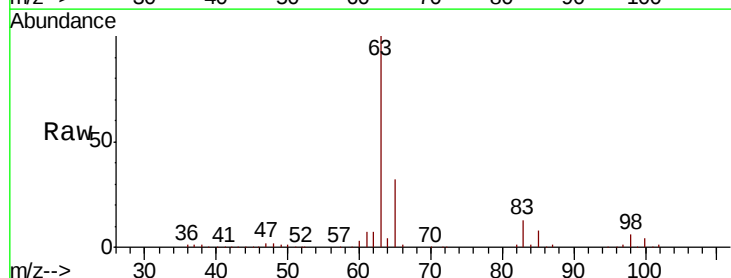
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

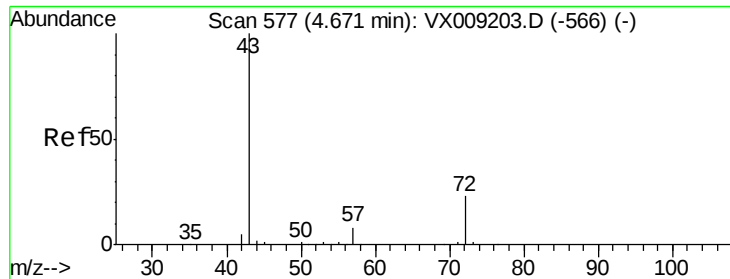
Tot Ion: 43 Resp: 1616101
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 44.821 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion: 63 Resp: 170019
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 228.312 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

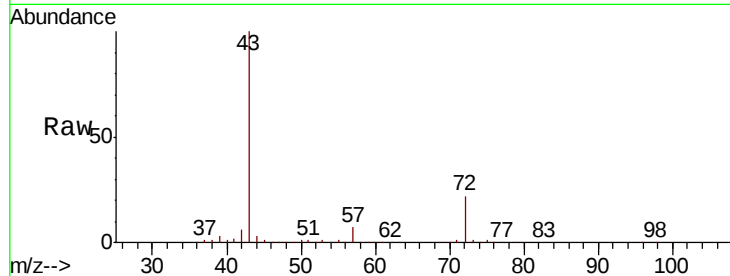
EP1-PZ-E3-4MS

Tot Ion: 43 Resp: 454754

Ion Ratio Lower Upper

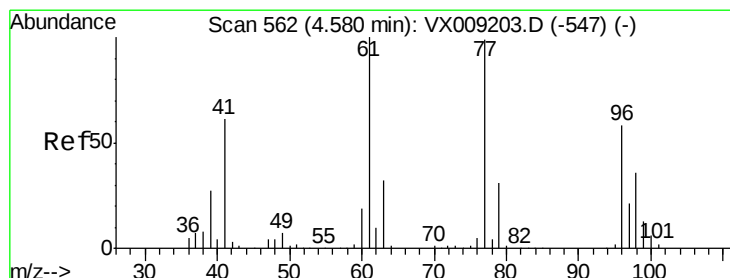
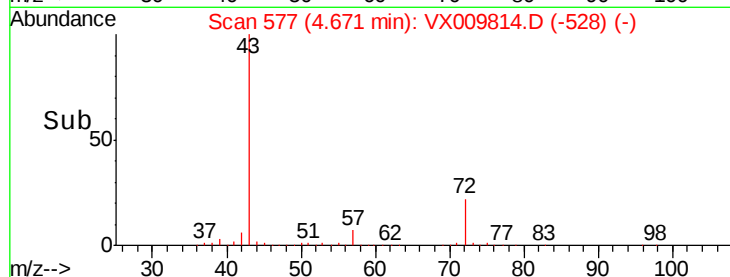
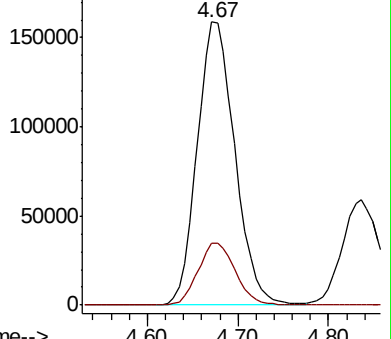
43 100

72 21.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.133 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009814.D

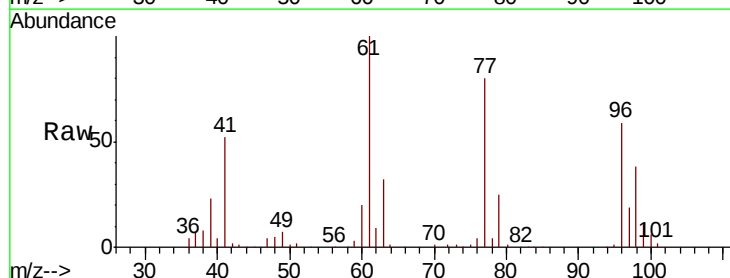
Acq: 22 May 2019 19:04

Tgt Ion: 77 Resp: 118962

Ion Ratio Lower Upper

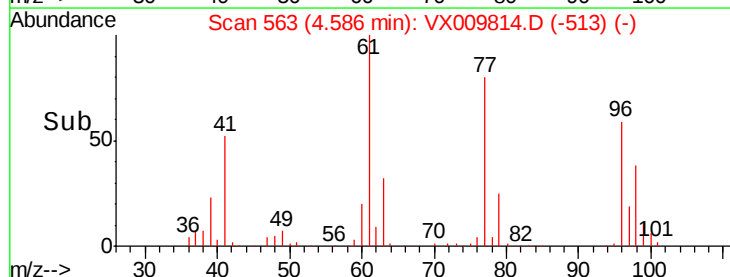
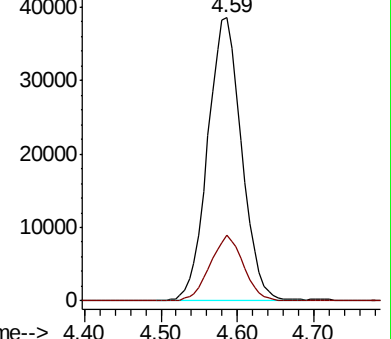
77 100

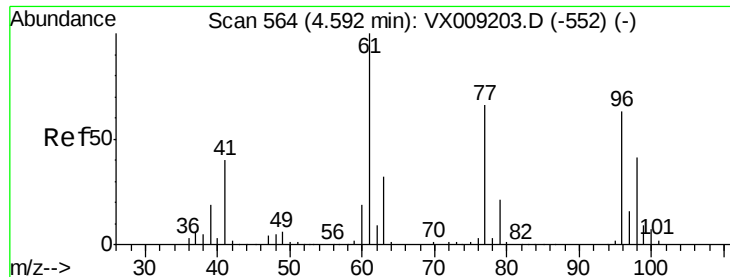
97 22.8 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



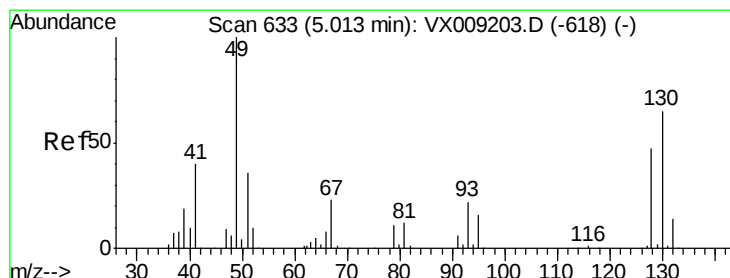
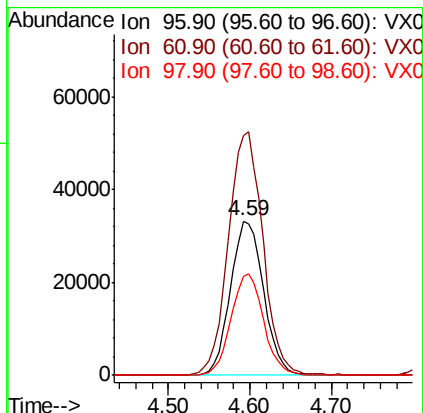
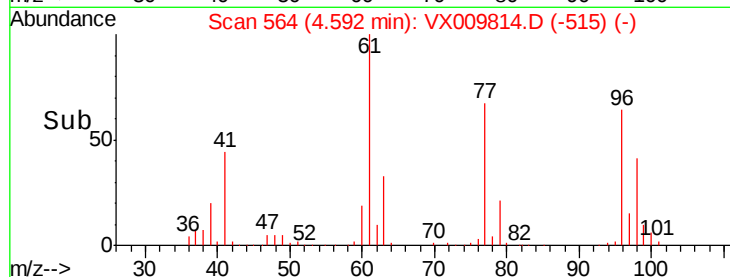
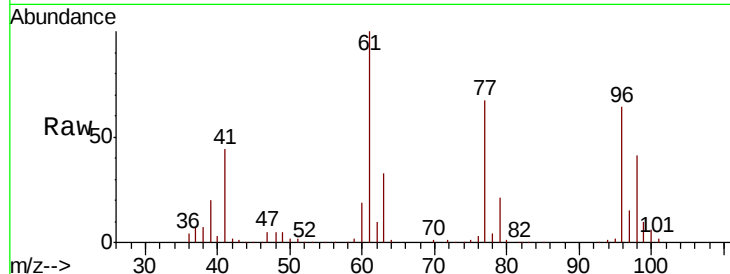


#27

cis-1,2-Dichloroethene
Concen: 43.987 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

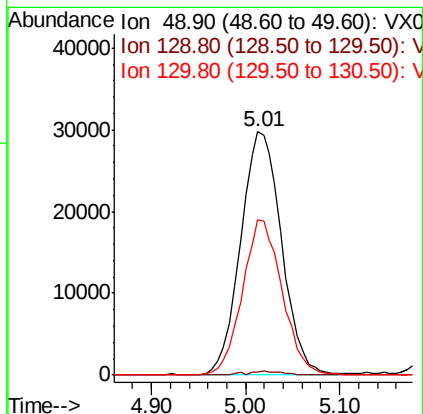
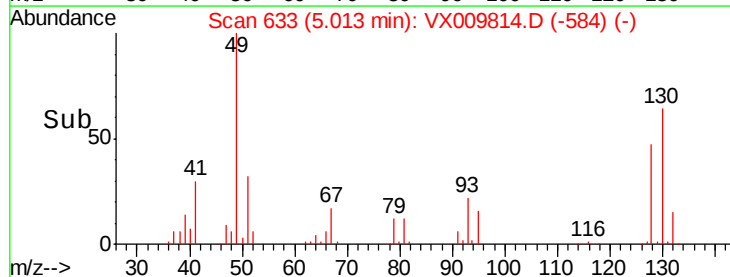
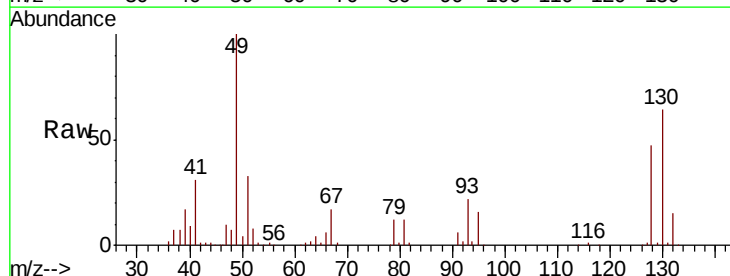
Tot Ion: 96 Resp: 93422
Ion Ratio Lower Upper
96 100
61 164.5 0.0 324.0
98 64.8 0.0 130.4

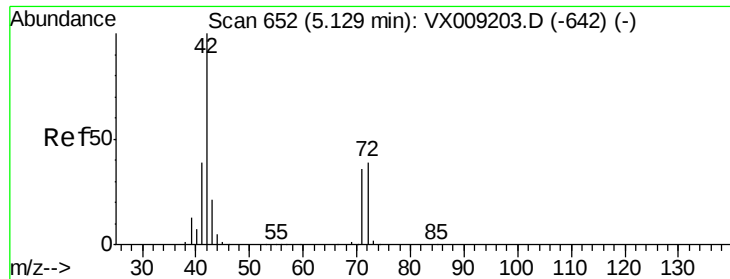


#28

Bromochloromethane
Concen: 59.346 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 49 Resp: 89837
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.8
130 62.3 51.2 76.8





#29

Tetrahydrofuran

Concen: 234.491 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

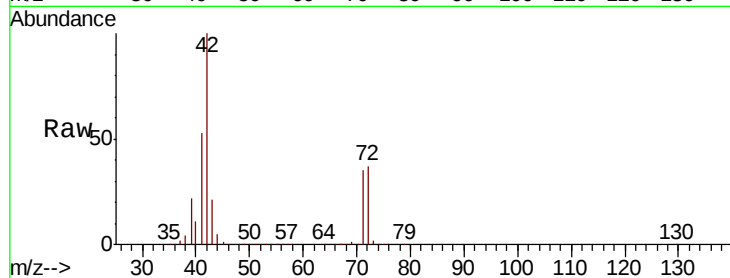
Tot Ion: 42 Resp: 300553

Ion Ratio Lower Upper

42 100

72 36.8 30.4 45.6

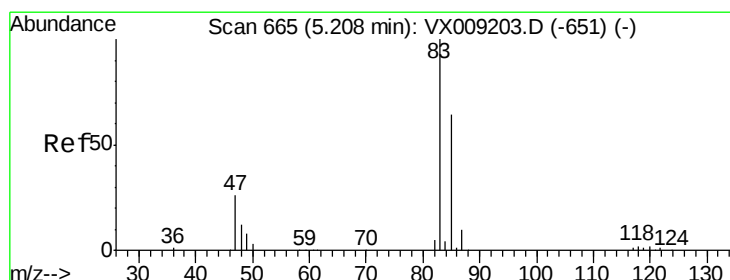
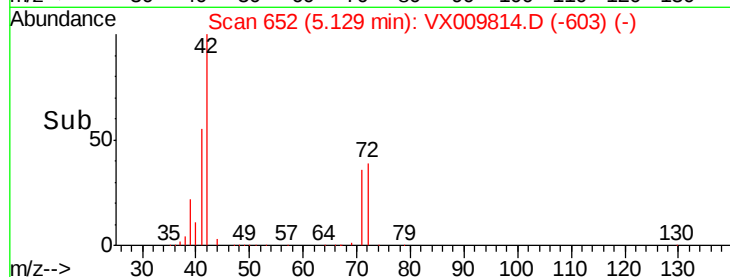
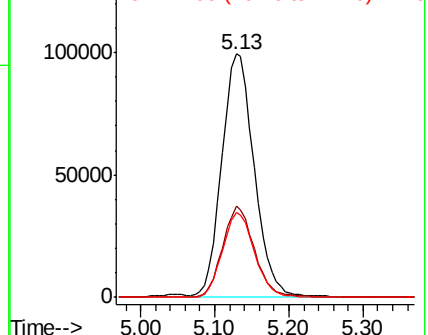
71 34.5 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.376 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009814.D

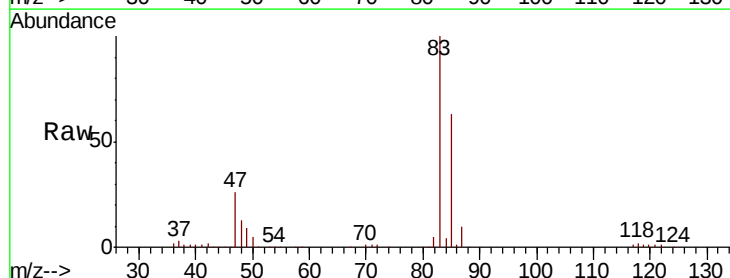
Acq: 22 May 2019 19:04

Tgt Ion: 83 Resp: 155676

Ion Ratio Lower Upper

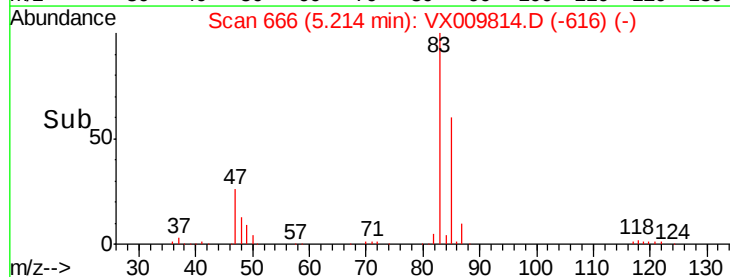
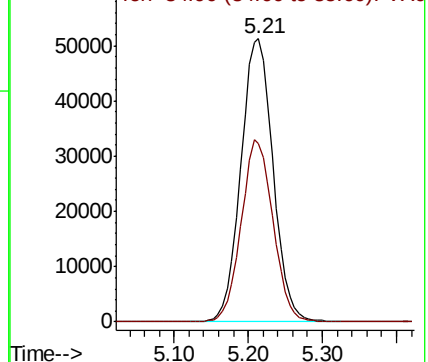
83 100

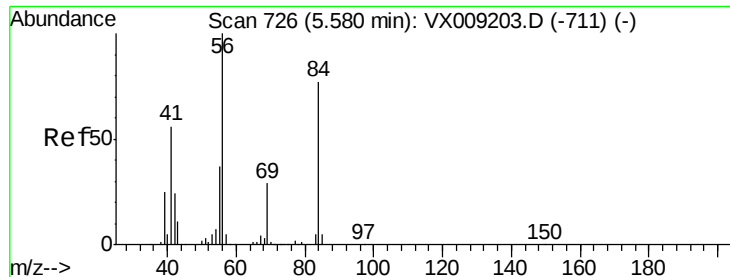
85 62.9 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

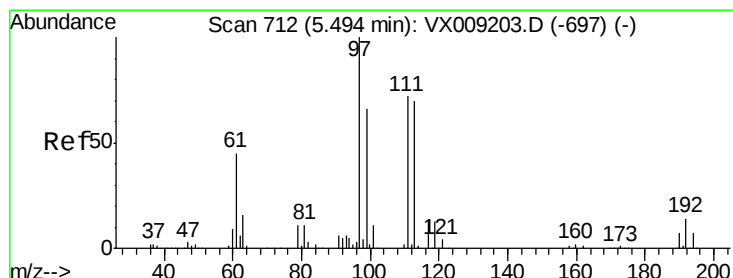
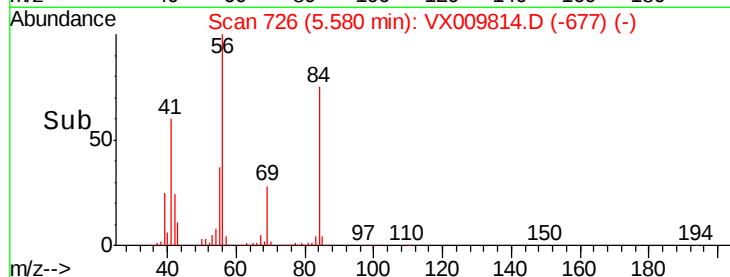
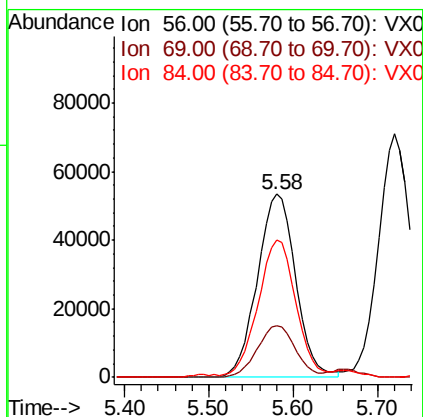
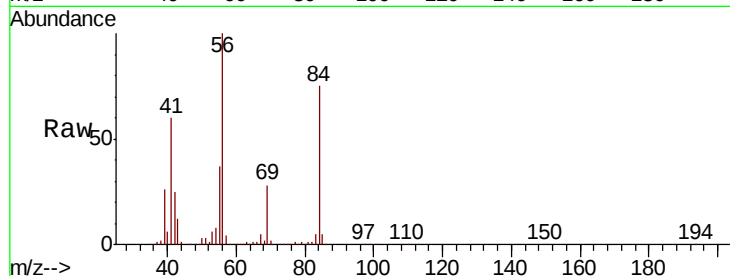




#31
Cyclohexane
Concen: 47.298 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

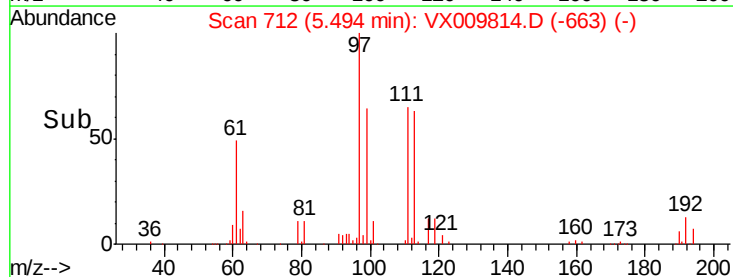
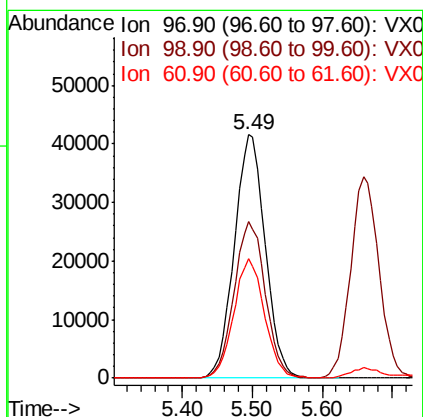
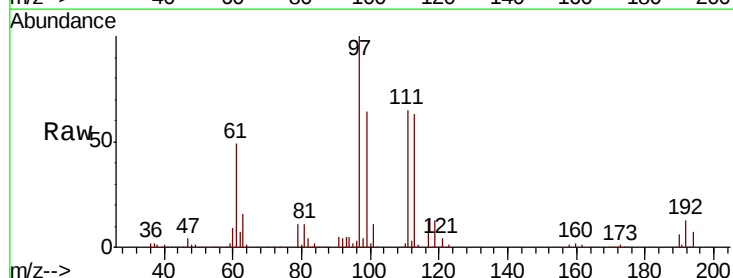
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

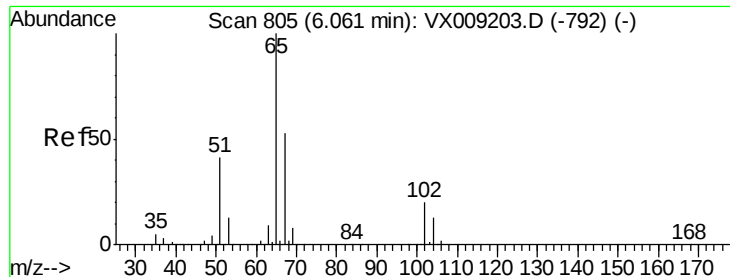
Tot Ion: 56 Resp: 166922
Ion Ratio Lower Upper
56 100
69 28.0 23.4 35.0
84 74.0 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 44.702 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 97 Resp: 127666
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.8
61 48.6 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 45.524 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

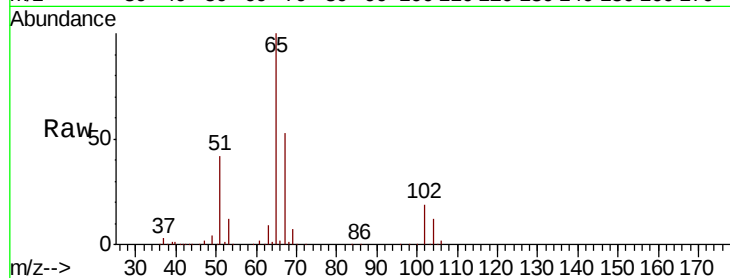
EP1-PZ-E3-4MS

Tot Ion: 65 Resp: 108669

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.6

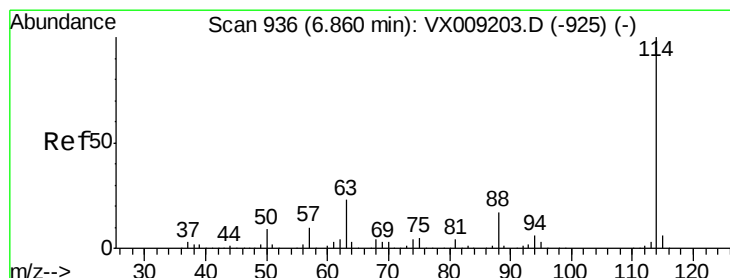
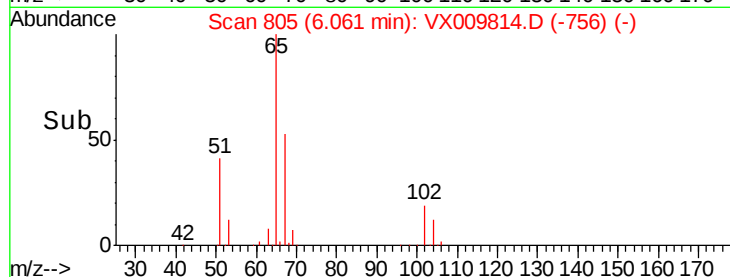


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

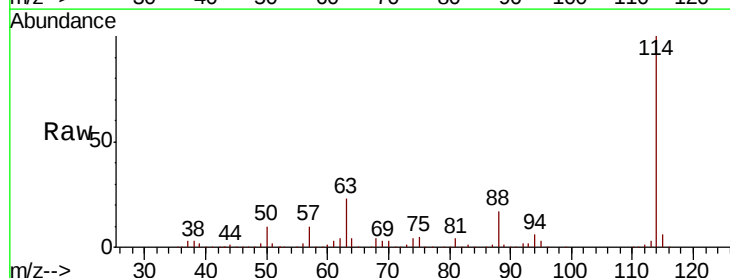
Tgt Ion: 114 Resp: 282291

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.6

88 17.2 0.0 33.2



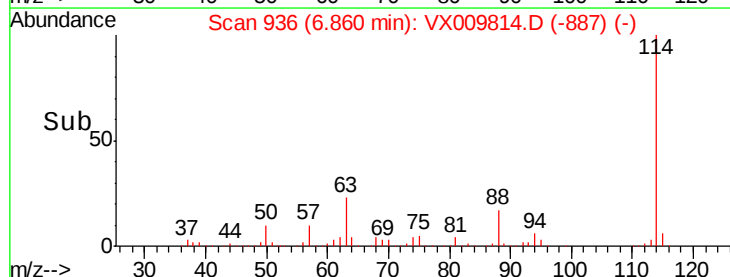
Abundance Ion 113.90 (113.60 to 114.60): V

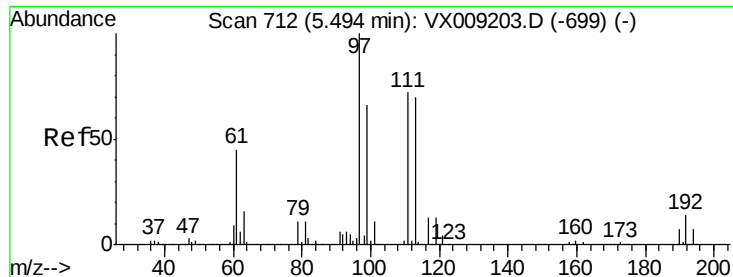
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

Time-->

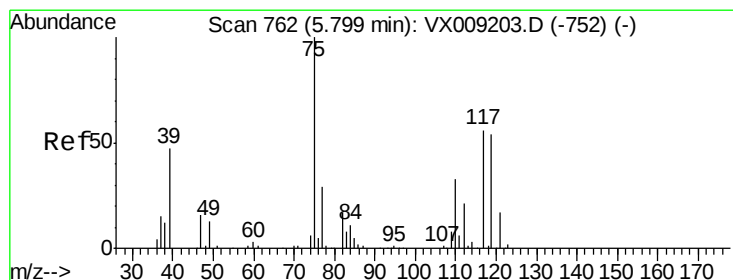
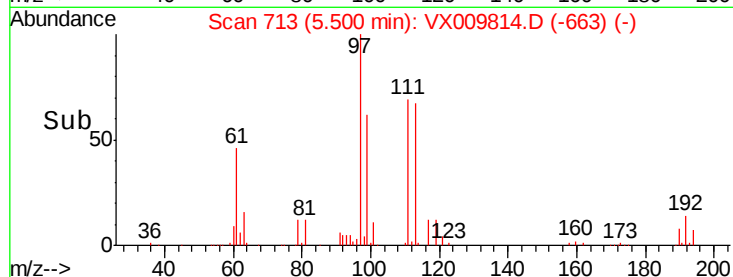
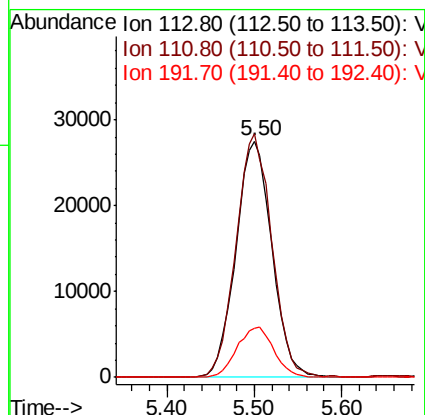
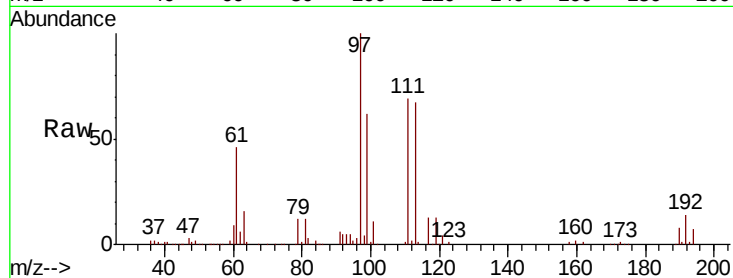




#35
 Dibromofluoromethane
 Concen: 44.381 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

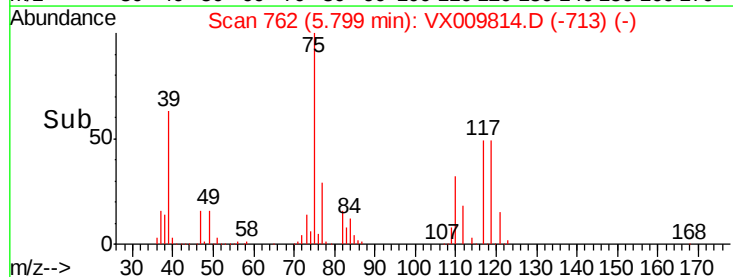
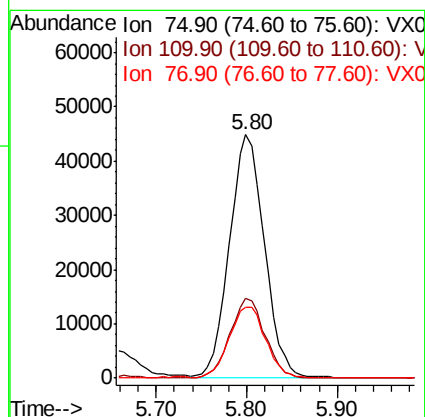
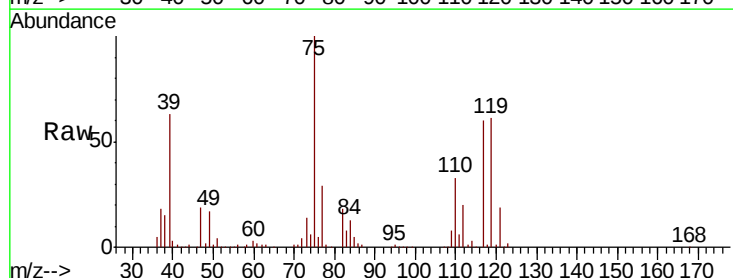
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

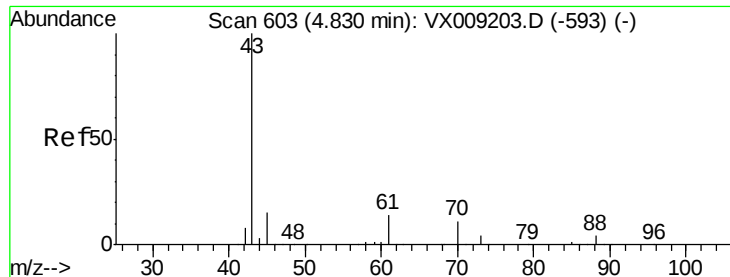
Tot Ion:113 Resp: 78759
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 21.6 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 45.476 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion: 75 Resp: 119301
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.9 50.6
 77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 47.119 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

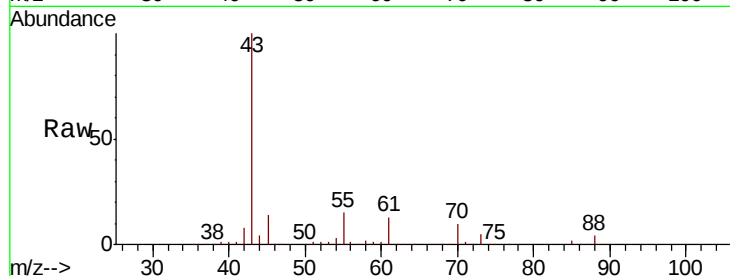
Tot Ion: 43 Resp: 172225

Ion Ratio Lower Upper

43 100

61 12.8 10.5 15.7

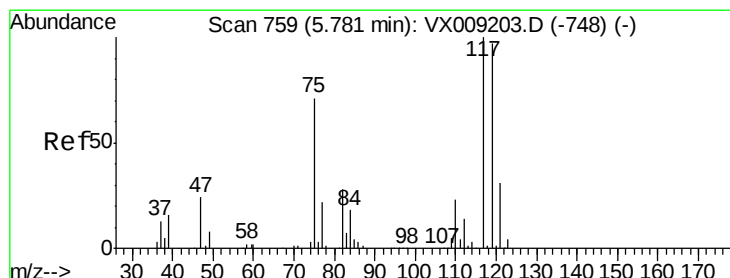
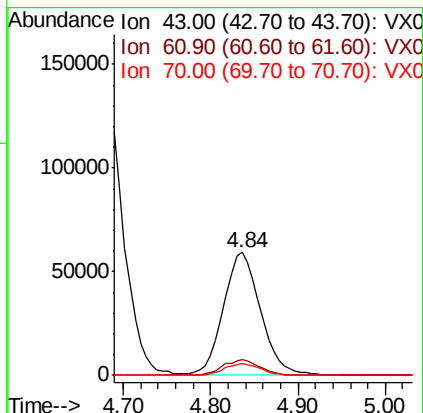
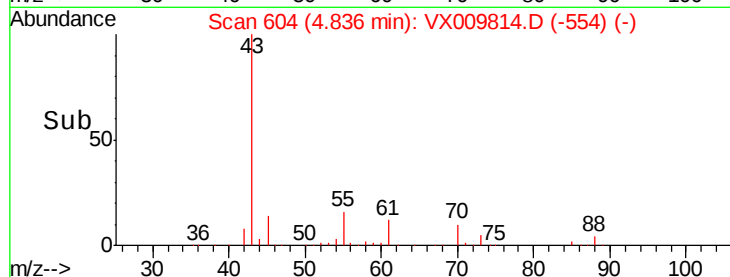
70 9.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009814.D (-554) (-)

Ion 60.90 (60.60 to 61.60): VX009814.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX009814.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 44.295 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

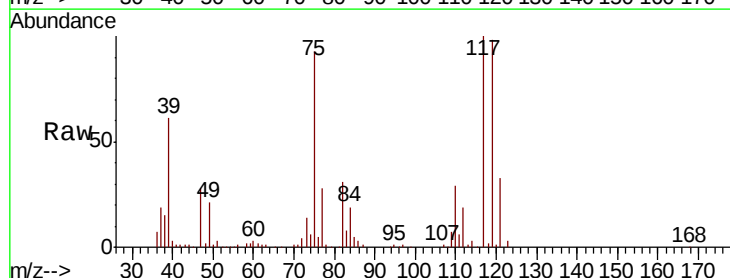
Tgt Ion: 117 Resp: 105577

Ion Ratio Lower Upper

117 100

119 98.4 77.5 116.3

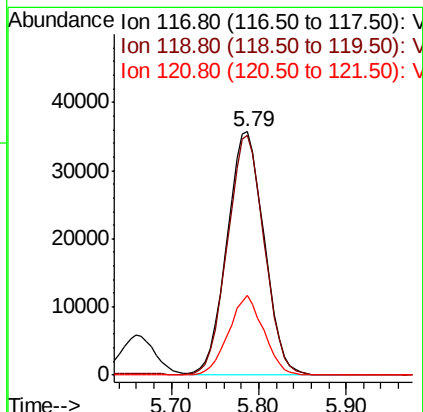
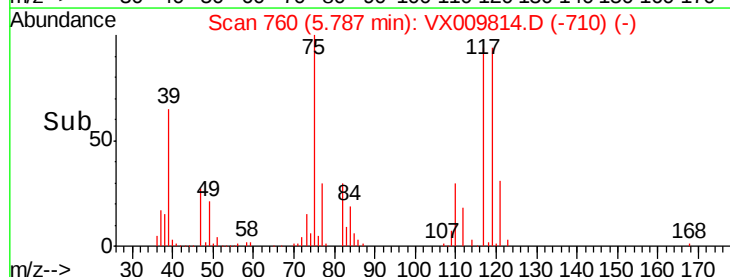
121 32.5 24.7 37.1

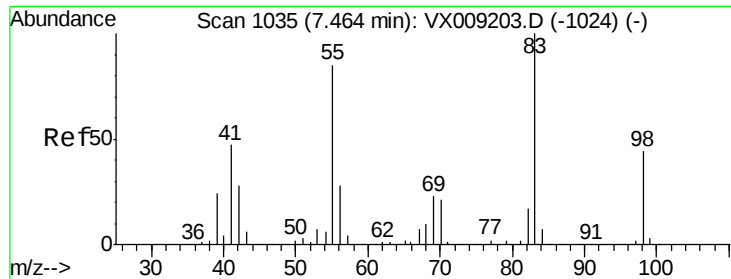


Abundance Ion 116.80 (116.50 to 117.50): VX009814.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX009814.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX009814.D (-710) (-)

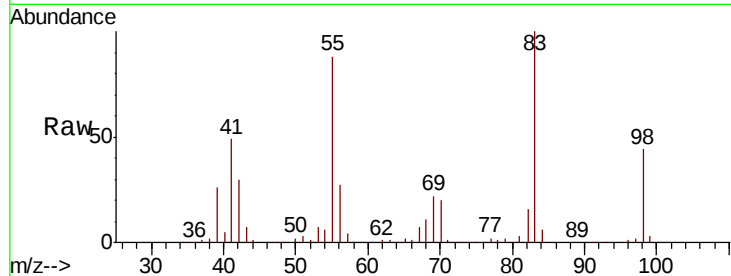




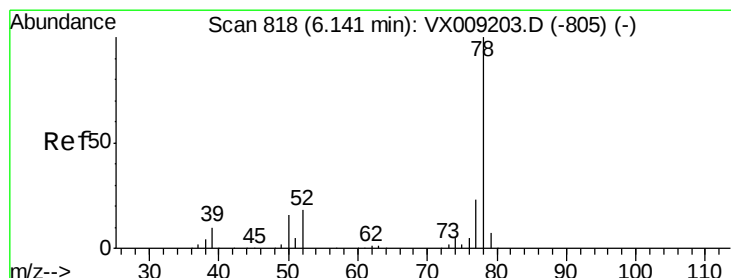
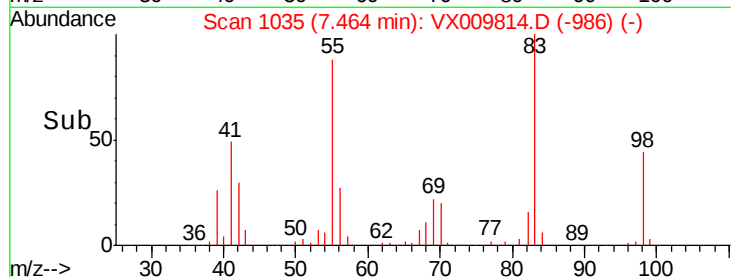
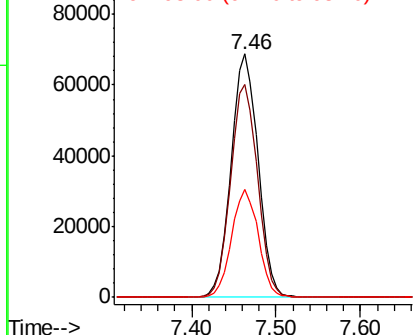
#39
Methvlcvclohexane
Concen: 46.099 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion: 83 Resp: 148519
Ion Ratio Lower Upper
83 100
55 87.6 67.7 101.5
98 44.2 35.5 53.3

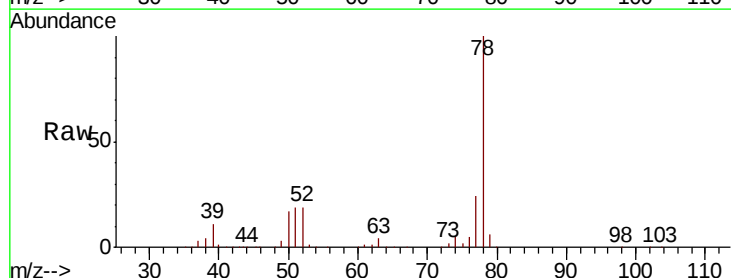


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

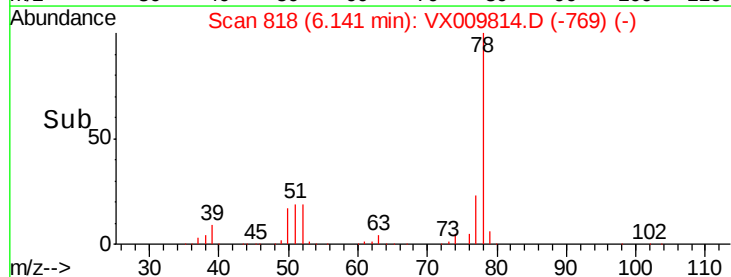
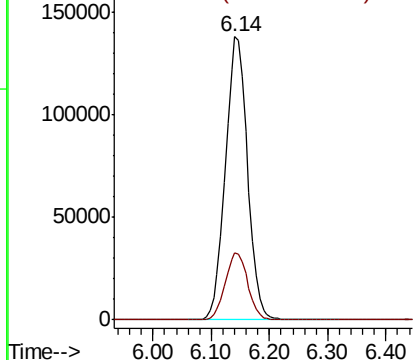


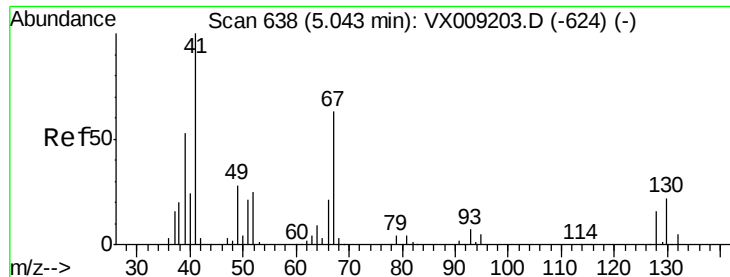
#40
Benzene
Concen: 44.997 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 78 Resp: 365325
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2



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

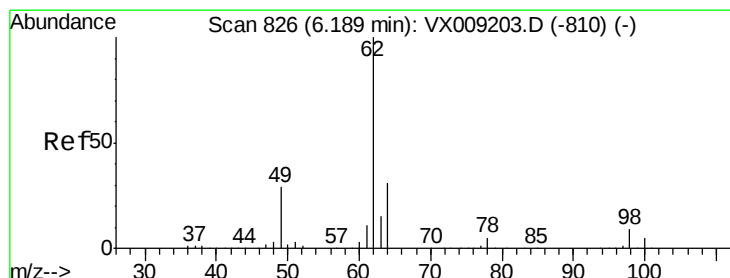
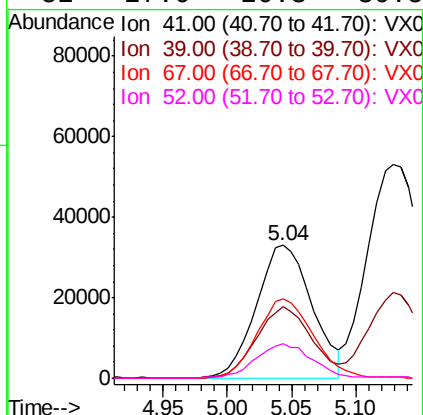
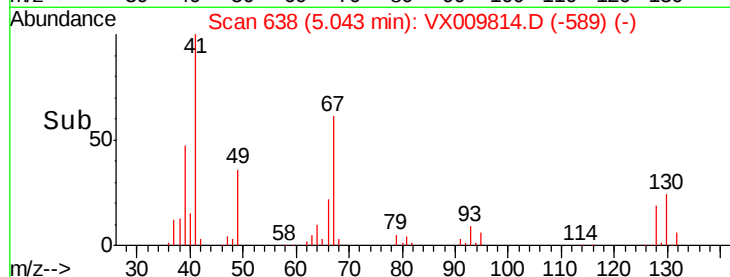
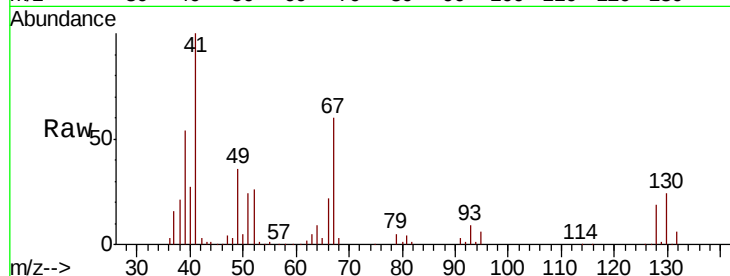




#41
Methacrylonitrile
Concen: 45.423 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

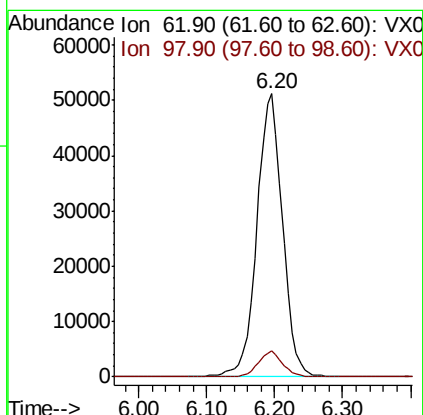
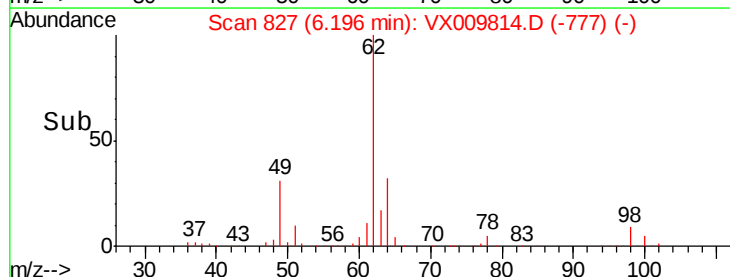
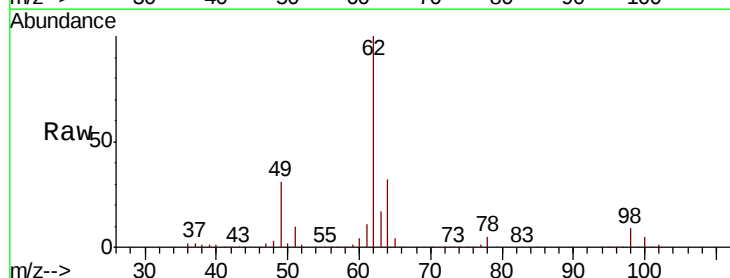
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

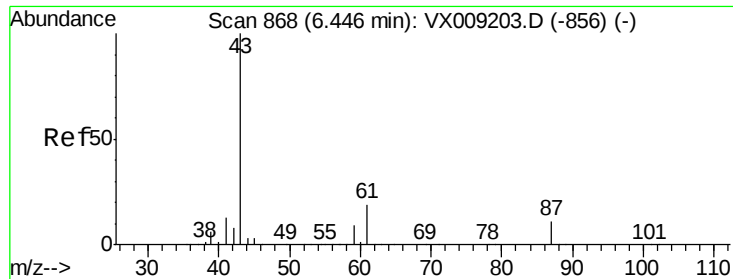
Tot Ion:	41	Resp:	98831
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.0	63.0
67	60.9	49.8	74.8
52	27.0	20.3	30.5



#42
1,2-Dichloroethane
Concen: 46.296 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion:	62	Resp:	134830
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2





#43

Isopropyl Acetate

Concen: 47.199 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

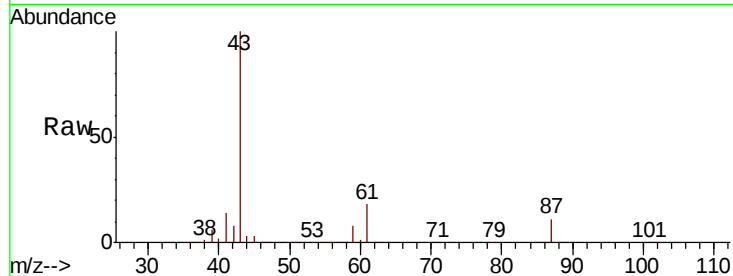
Tot Ion: 43 Resp: 275953

Ion Ratio Lower Upper

43 100

61 18.5 15.1 22.7

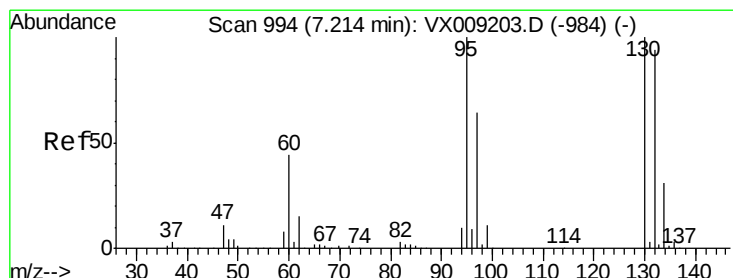
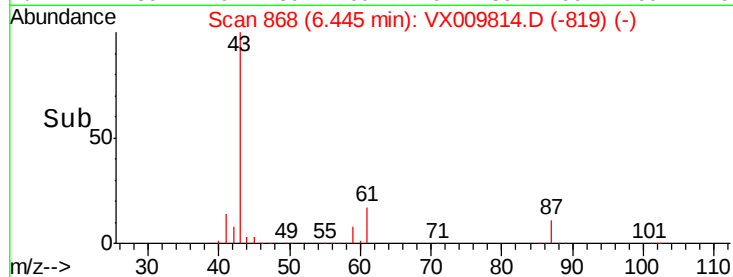
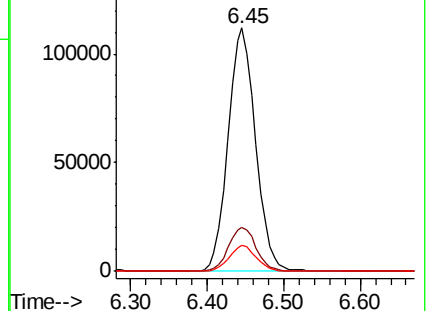
87 10.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 43.298 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009814.D

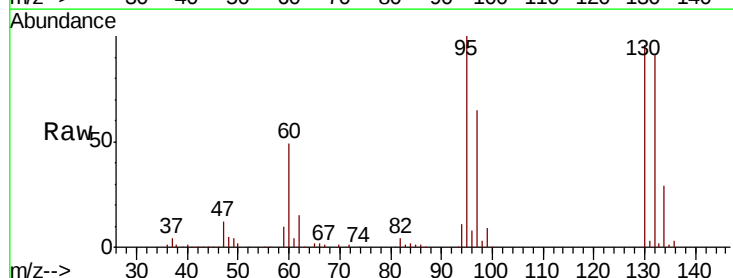
Acq: 22 May 2019 19:04

Tgt Ion:130 Resp: 84984

Ion Ratio Lower Upper

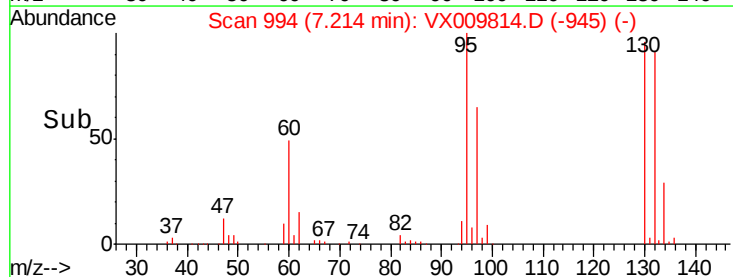
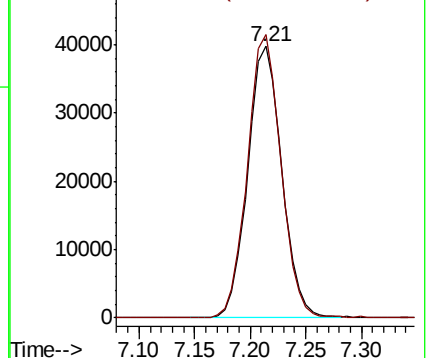
130 100

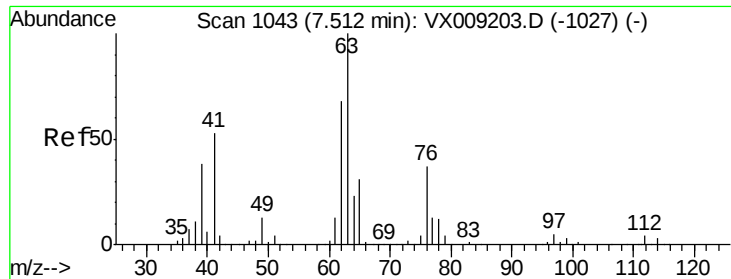
95 104.1 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

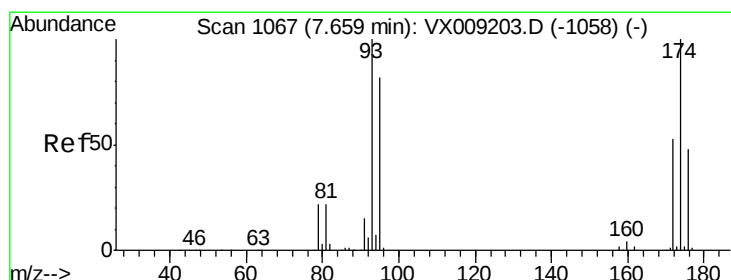
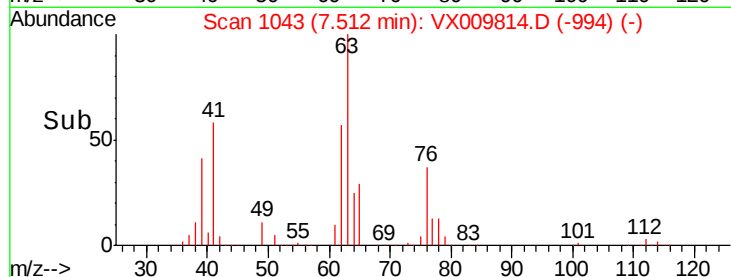
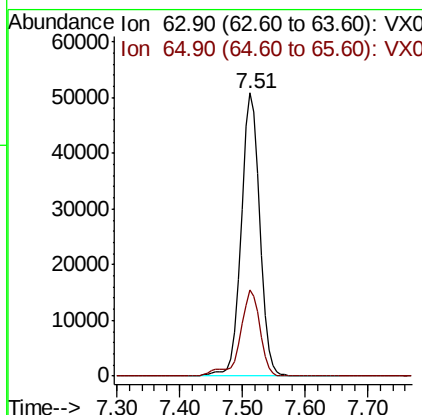
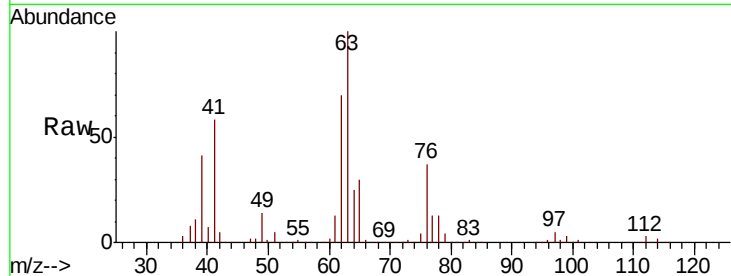




#45
 1,2-Dichloropropane
 Concen: 45.337 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

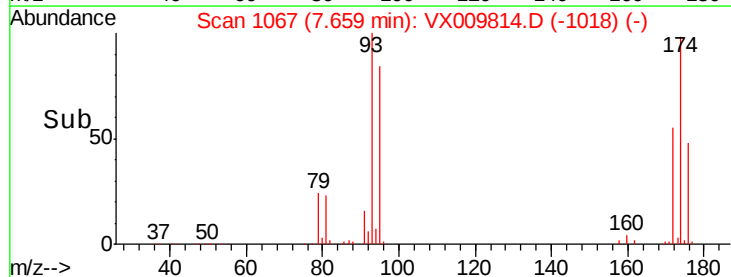
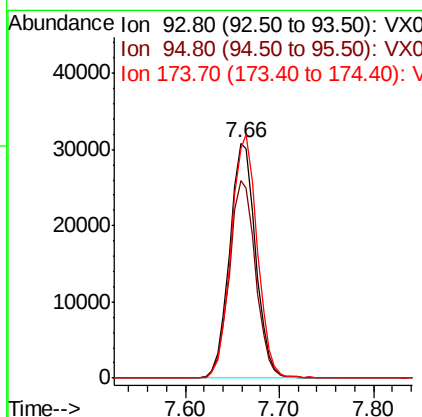
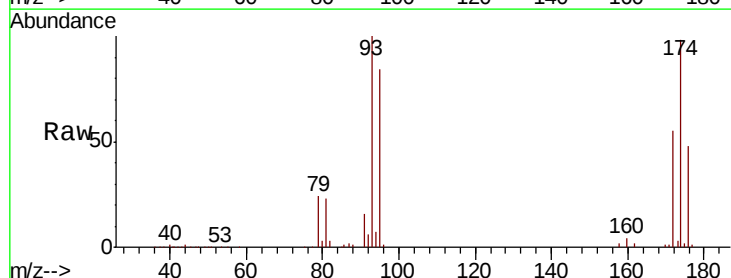
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

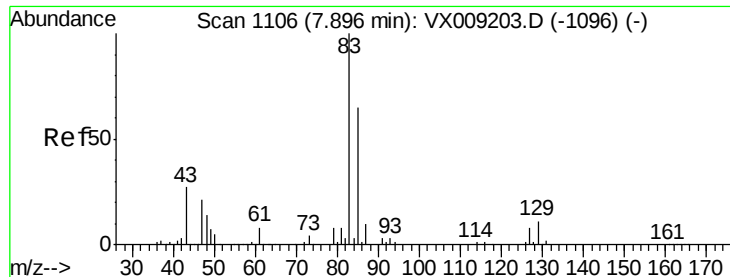
Tot Ion: 63 Resp: 104227
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6



#46
 Dibromomethane
 Concen: 44.460 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion: 93 Resp: 59354
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.5 99.7
 174 104.2 82.1 123.1





#47

Bromodichloromethane

Concen: 45.188 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

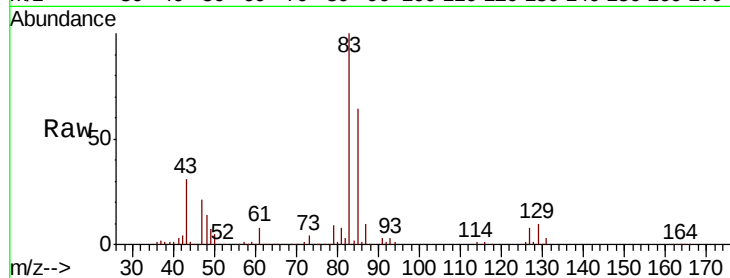
Tot Ion: 83 Resp: 120336

Ion Ratio Lower Upper

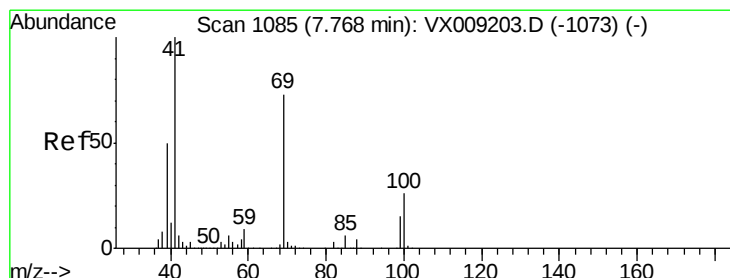
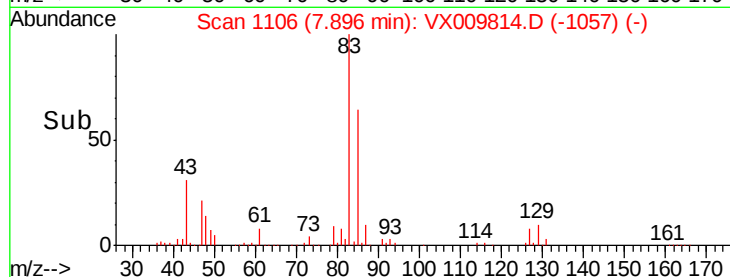
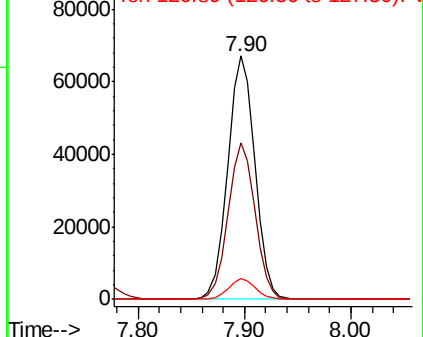
83 100

85 64.4 52.4 78.6

127 8.4 6.6 10.0



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: 48.618 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

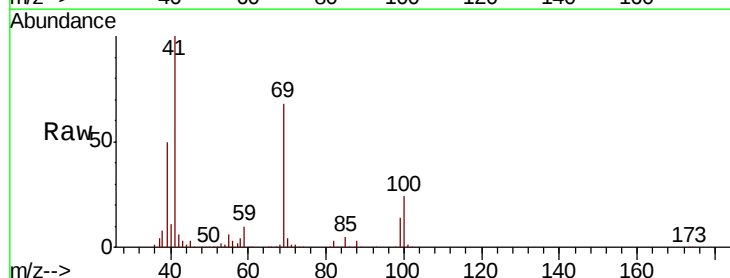
Tgt Ion: 41 Resp: 141024

Ion Ratio Lower Upper

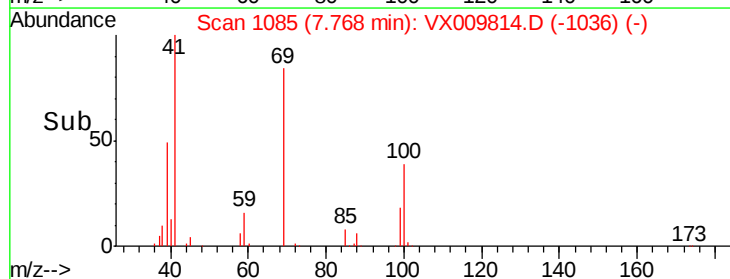
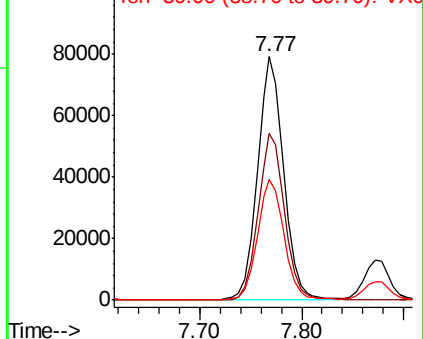
41 100

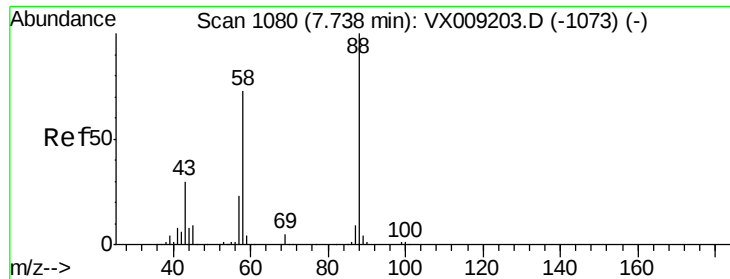
69 69.5 59.1 88.7

39 50.5 40.4 60.6



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



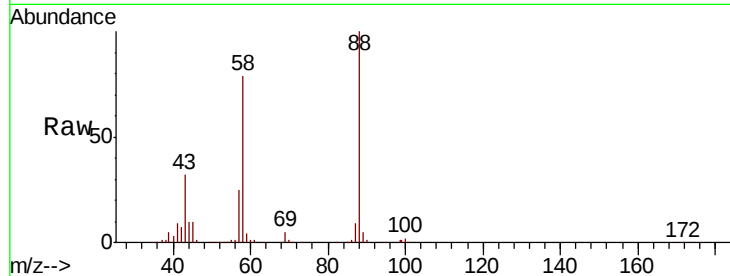


#49
 1,4-Dioxane
 Concen: 740.136 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

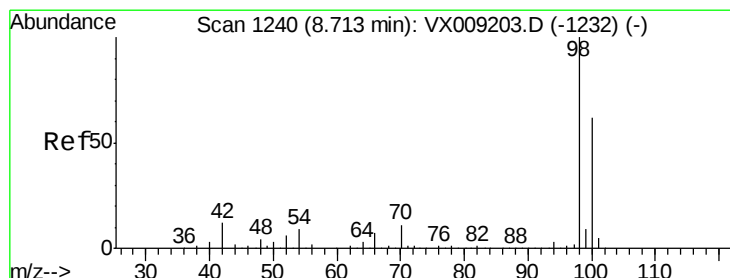
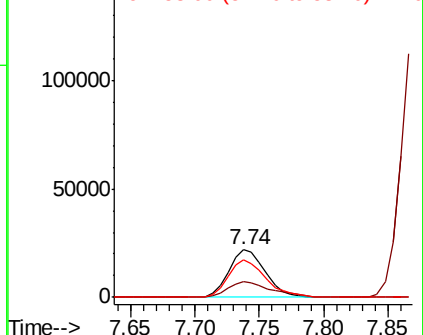
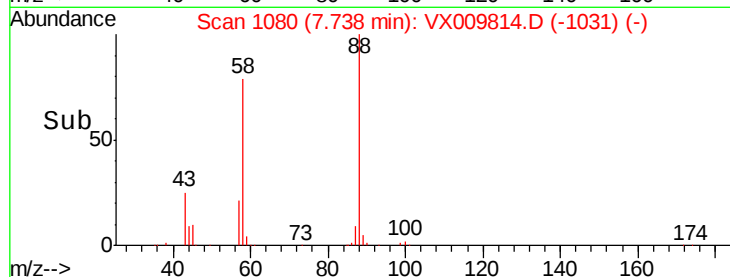
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Tot Ion: 88 Resp: 43538

Ion	Ratio	Lower	Upper
88	100		
43	38.4	28.6	42.8
58	80.7	61.7	92.5



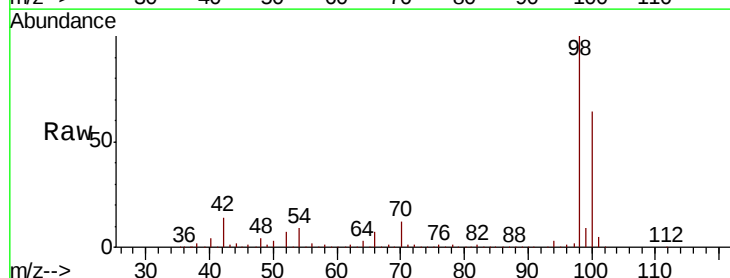
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



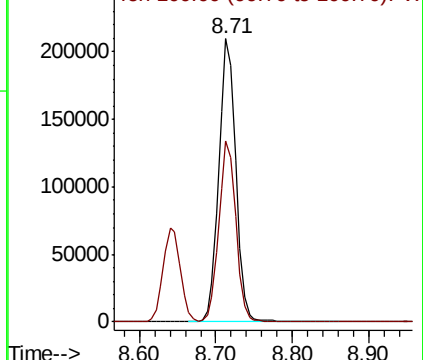
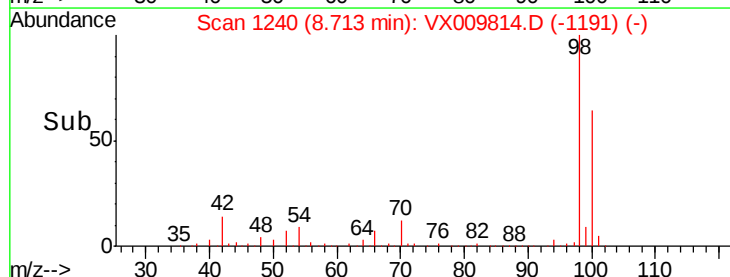
#50
 Toluene-d8
 Concen: 45.071 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

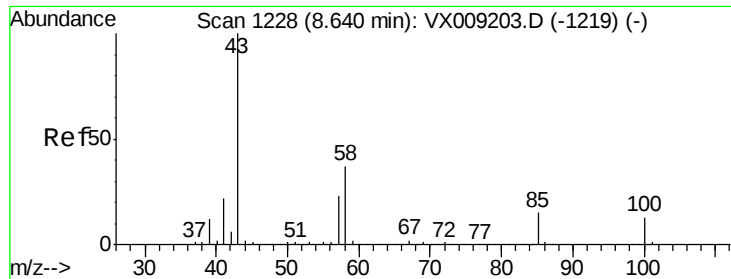
Tgt Ion: 98 Resp: 322908

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 240.409 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

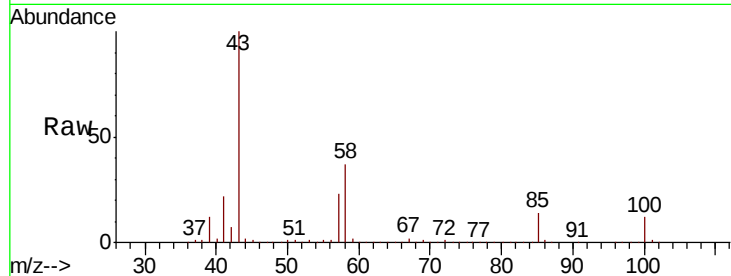
EP1-PZ-E3-4MS

Tot Ion: 43 Resp: 918710

Ion Ratio Lower Upper

43 100

58 36.1 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

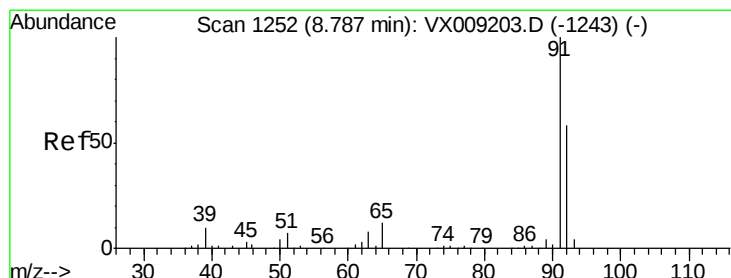
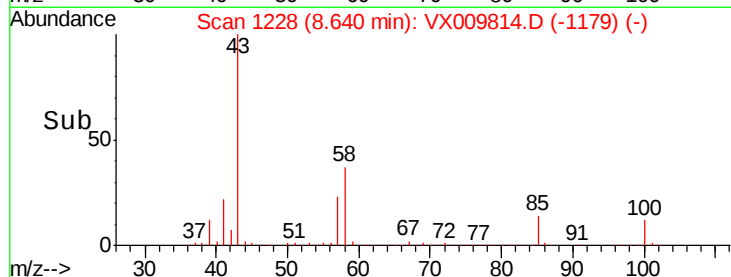
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 45.803 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009814.D

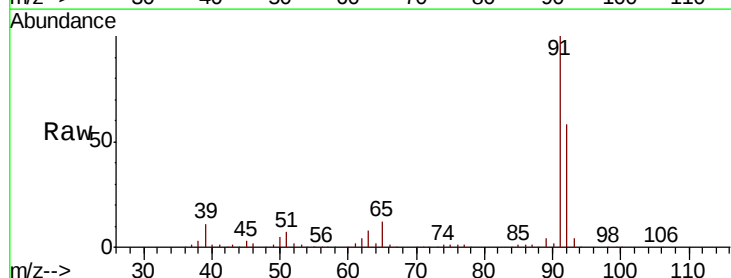
Acq: 22 May 2019 19:04

Tgt Ion: 92 Resp: 226049

Ion Ratio Lower Upper

92 100

91 172.7 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

250000

200000

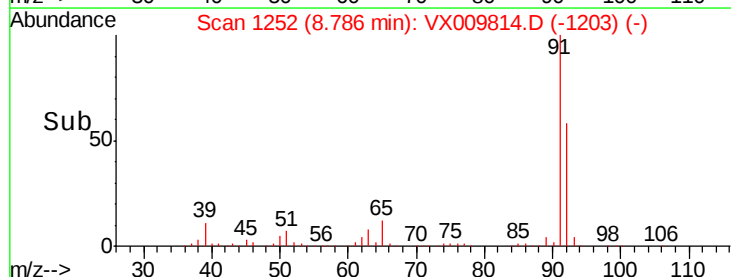
150000

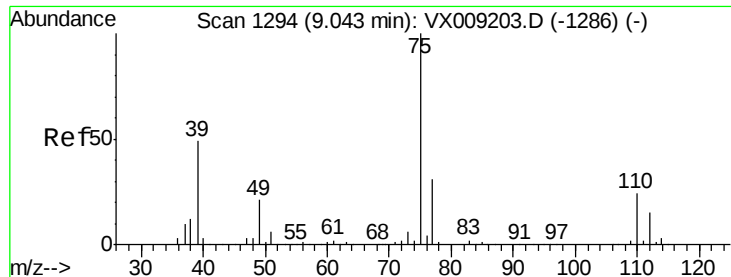
100000

50000

0

Time-->

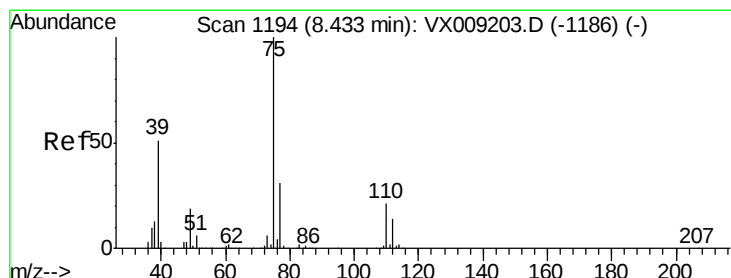
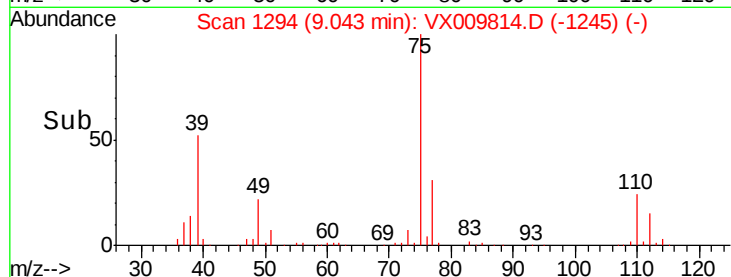
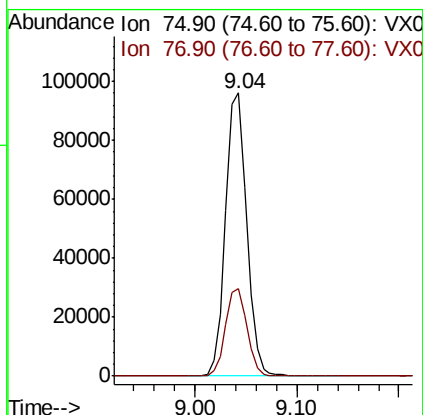
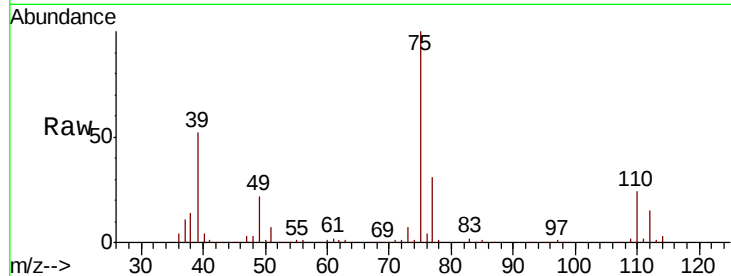




#53
t-1,3-Dichloropropene
Concen: 46.224 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

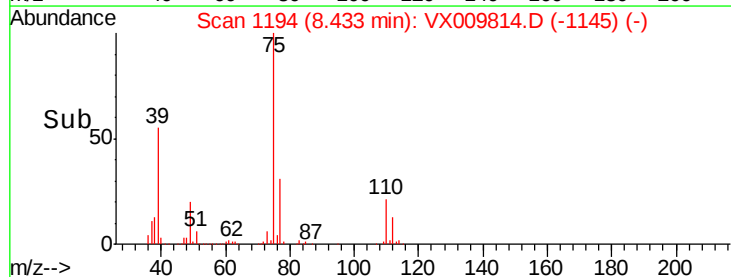
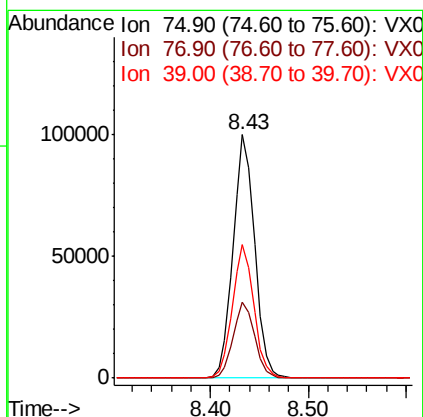
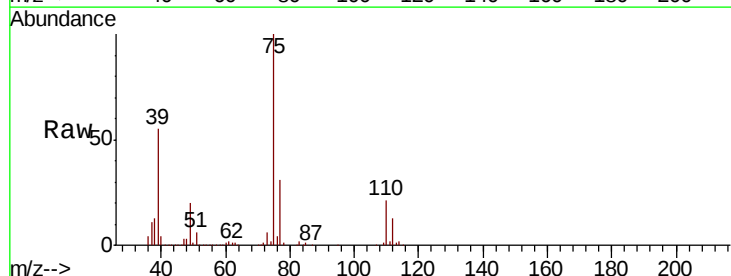
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

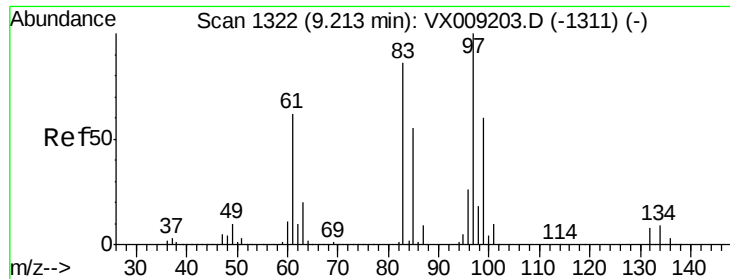
Tot Ion: 75 Resp: 138975
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 45.964 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 75 Resp: 152960
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 54.9 40.6 60.8

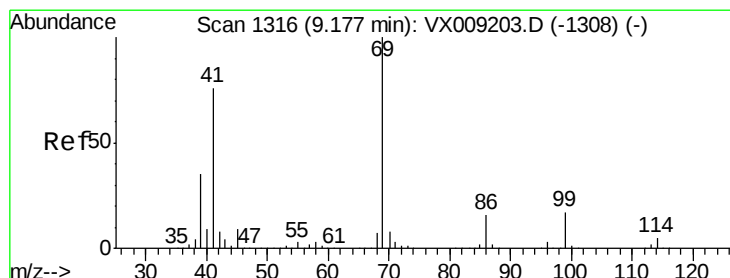
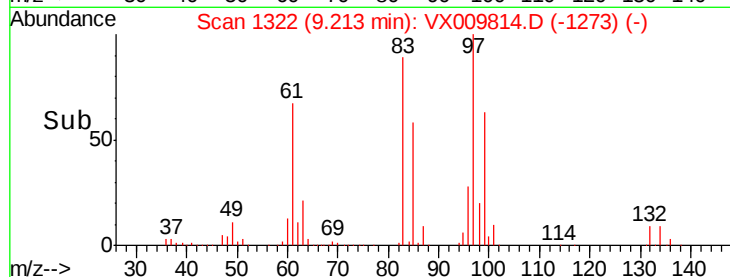
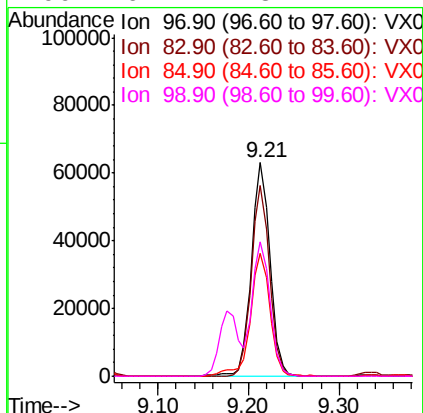
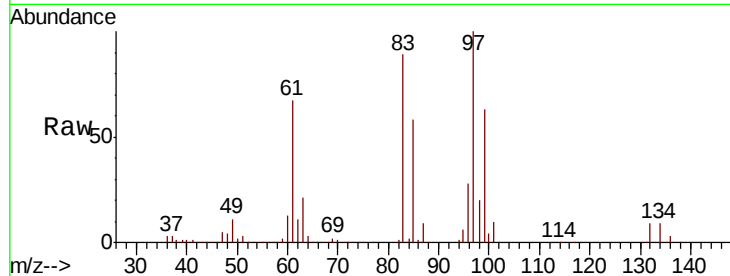




#55
 1,1,2-Trichloroethane
 Concen: 44.613 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

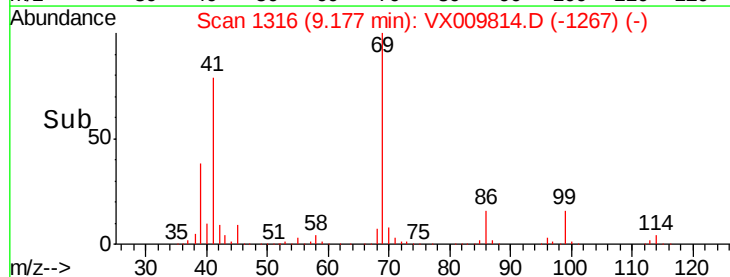
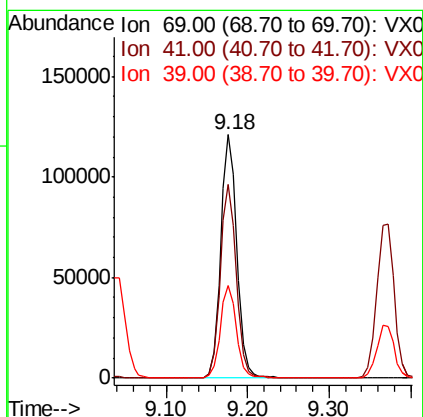
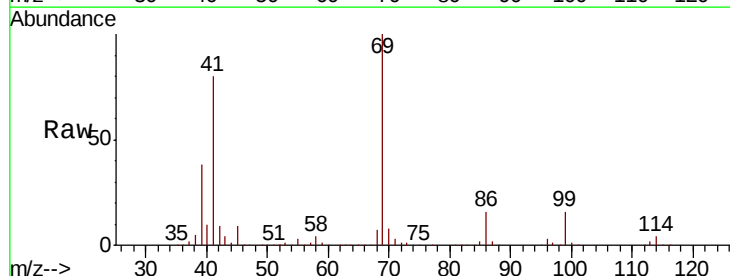
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

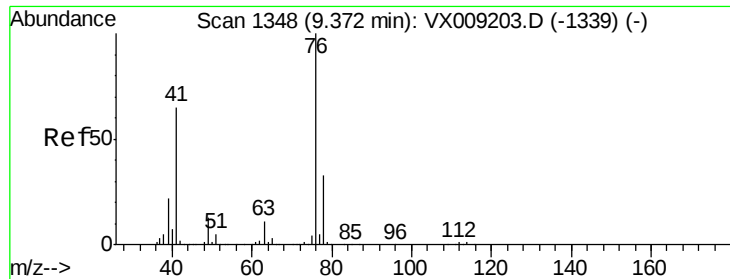
Tot Ion:	97	Resp:	89825
Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.9	103.3
85	57.6	43.8	65.6
99	62.7	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 46.544 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion:	69	Resp:	167285
Ion	Ratio	Lower	Upper
69	100		
41	79.1	60.6	90.8
39	37.9	28.2	42.4





#57

1,3-Dichloropropane

Concen: 45.003 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

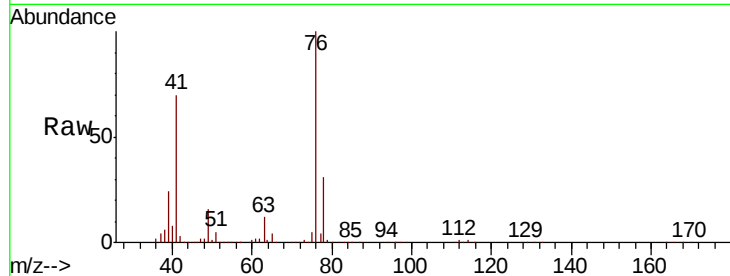
EP1-PZ-E3-4MS

Tot Ion: 76 Resp: 159451

Ion Ratio Lower Upper

76 100

78 32.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

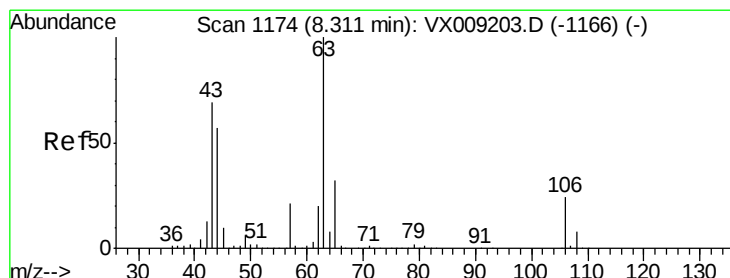
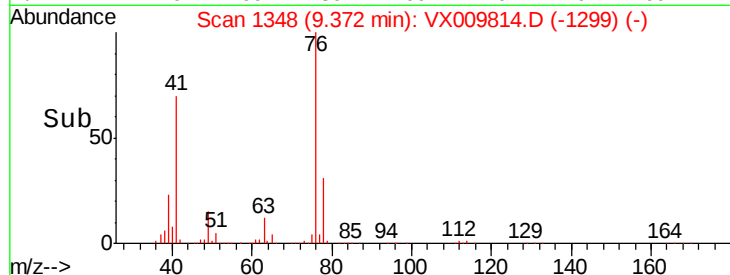
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 8.157 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009814.D

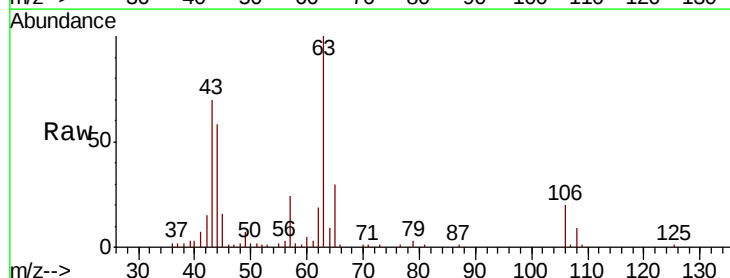
Acq: 22 May 2019 19:04

Tgt Ion: 63 Resp: 15553

Ion Ratio Lower Upper

63 100

106 23.2 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

12000

10000

8000

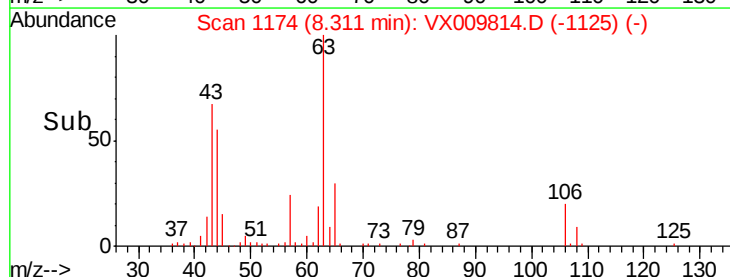
6000

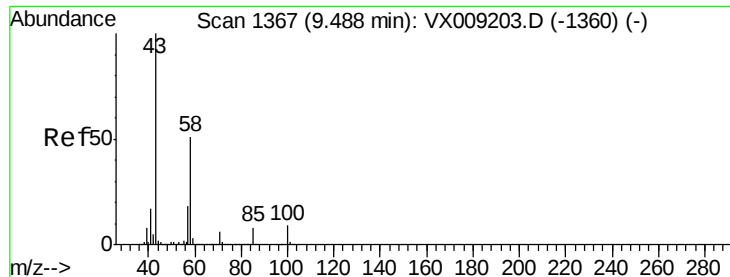
4000

2000

0

Time-->

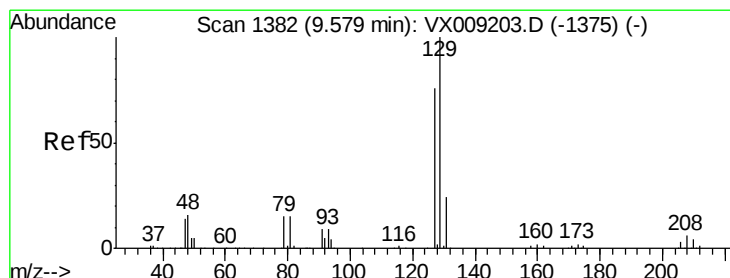
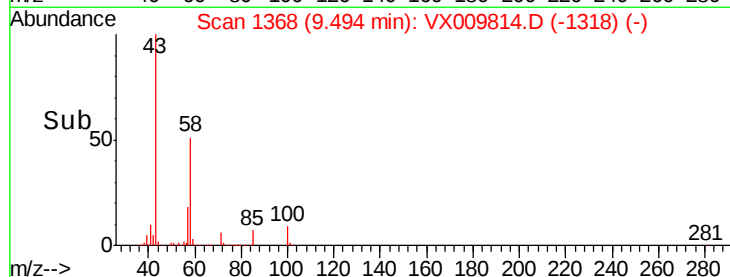
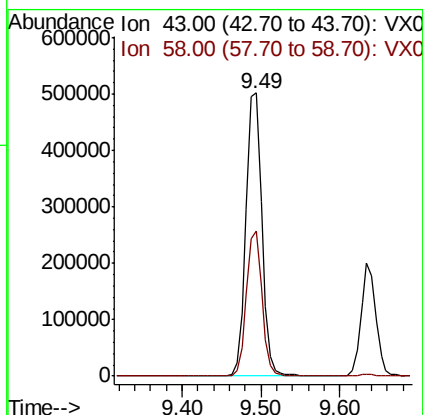
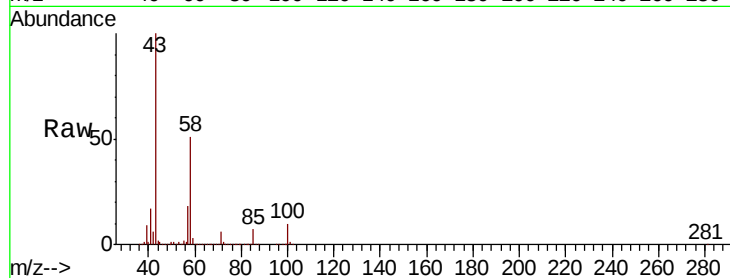




#59
2-Hexanone
Concen: 235.460 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

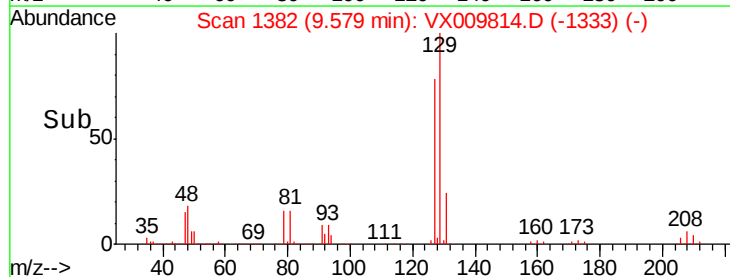
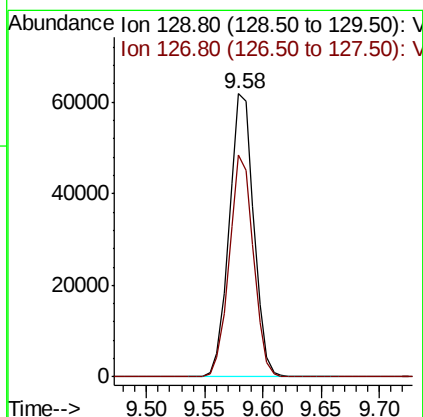
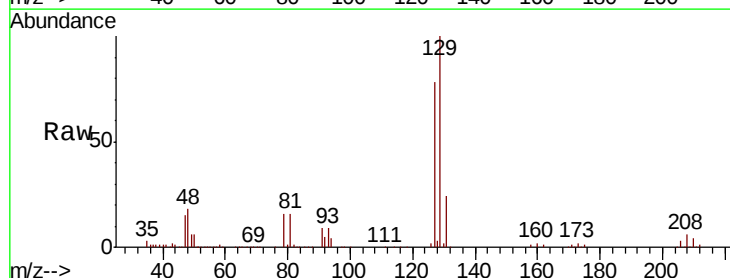
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

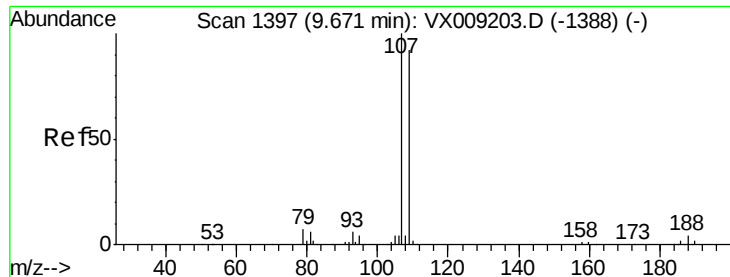
Tot Ion: 43 Resp: 706688
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.7



#60
Dibromochloromethane
Concen: 46.188 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 129 Resp: 90828
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 45.604 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

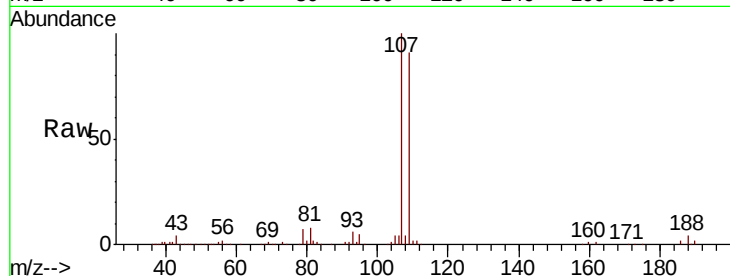
EP1-PZ-E3-4MS

Tot Ion:107 Resp: 92686

Ion Ratio Lower Upper

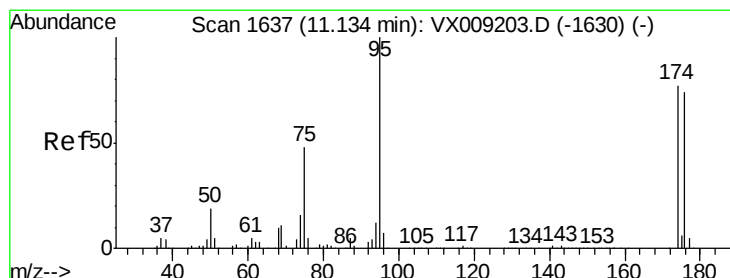
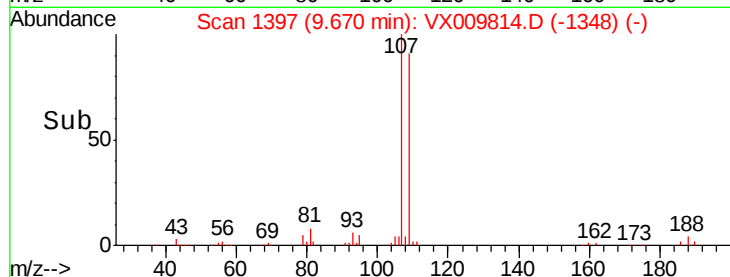
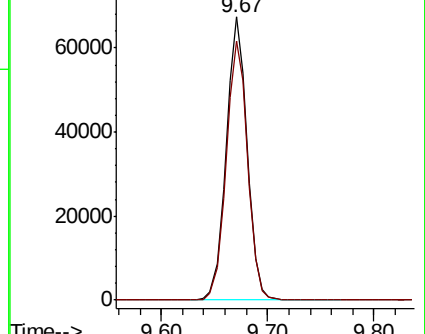
107 100

109 93.1 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.235 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

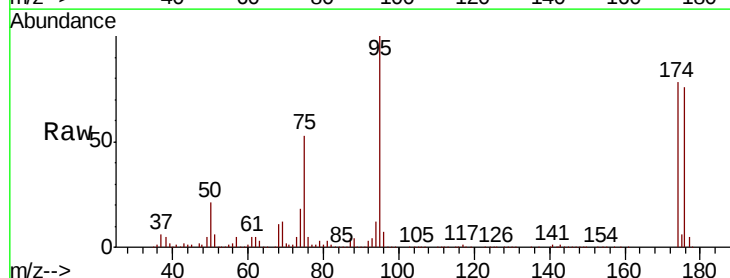
Tgt Ion: 95 Resp: 117760

Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.6

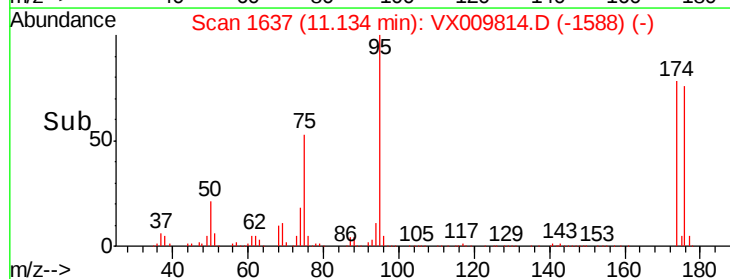
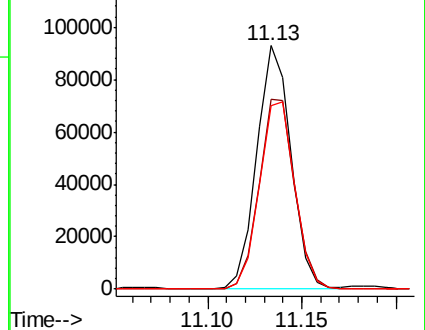
176 79.1 0.0 159.2

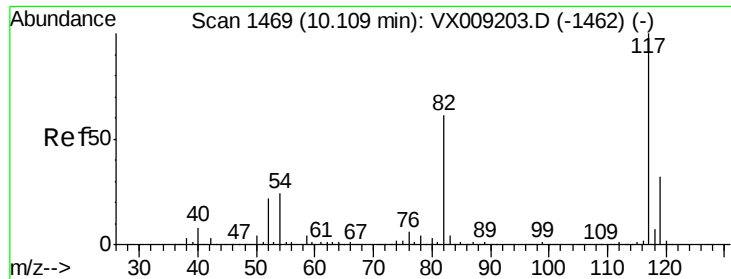


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

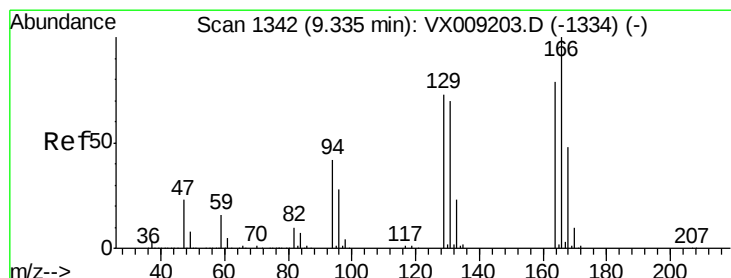
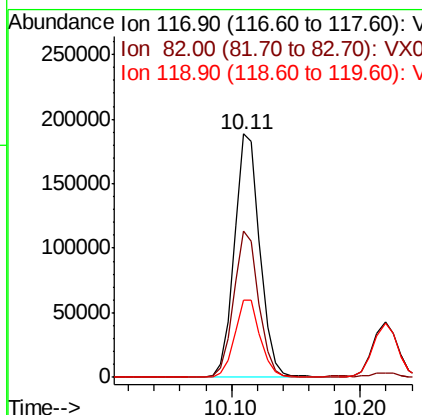
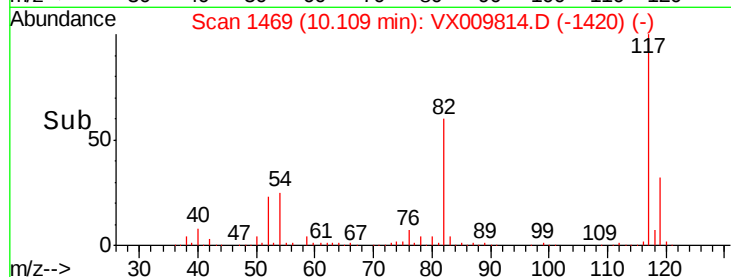
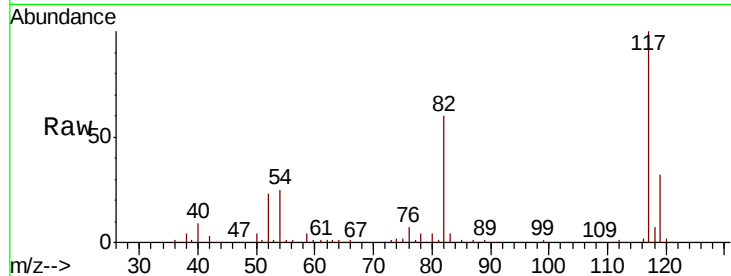




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

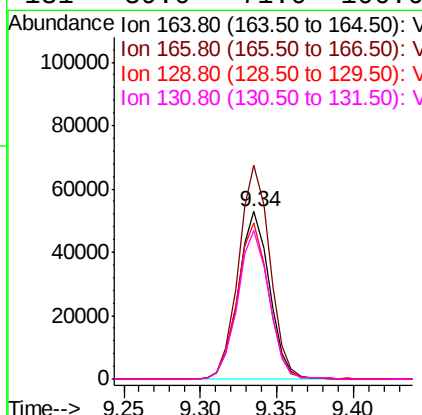
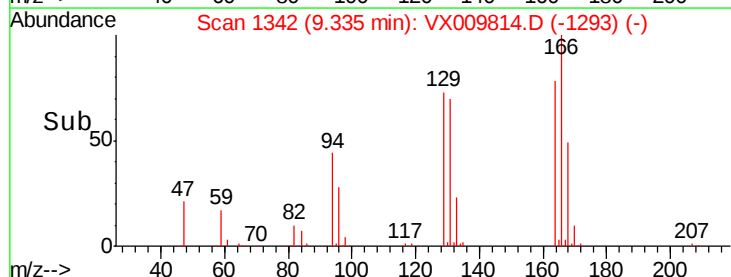
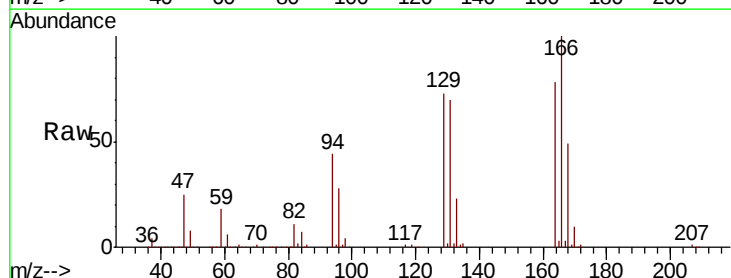
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

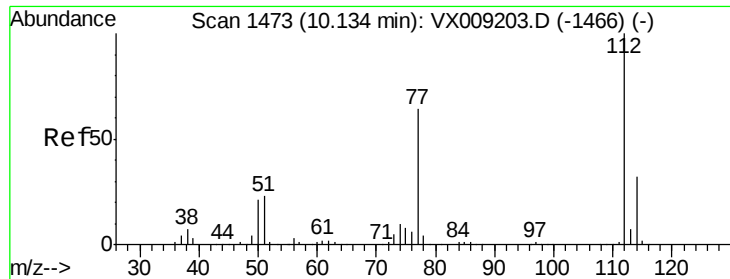
Tot Ion:117 Resp: 258679
Ion Ratio Lower Upper
117 100
82 60.0 48.8 73.2
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 42.007 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion:164 Resp: 74539
Ion Ratio Lower Upper
164 100
166 127.7 101.2 151.8
129 93.5 74.3 111.5
131 89.0 71.0 106.6

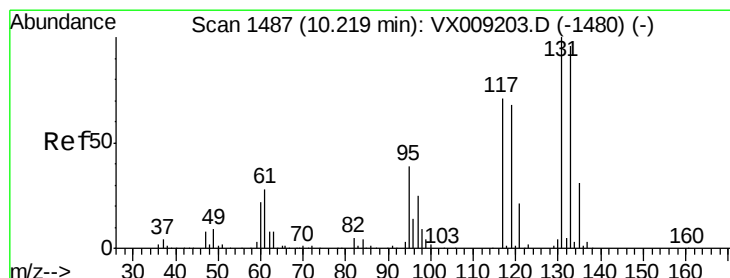
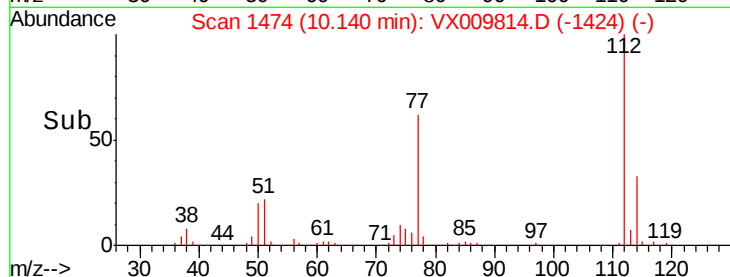
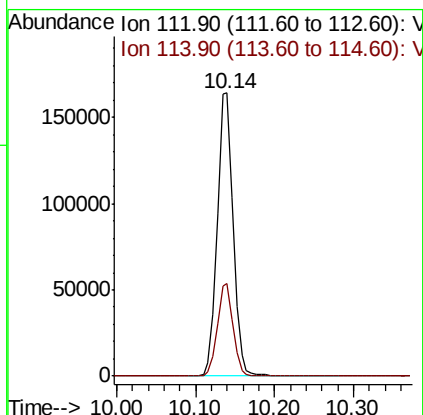
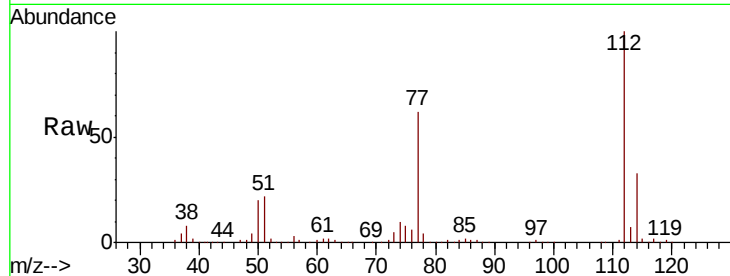




#65
Chlorobenzene
Concen: 44.706 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

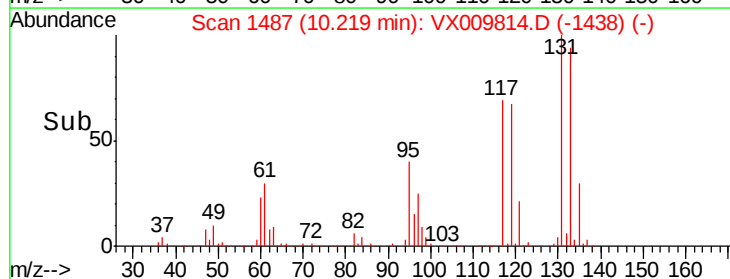
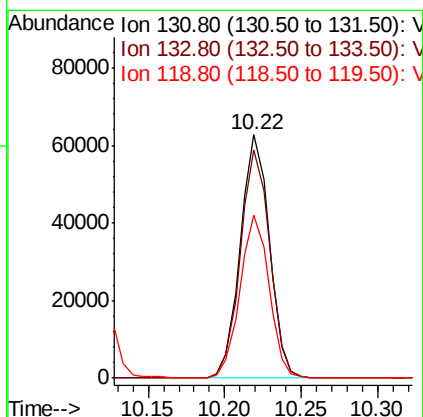
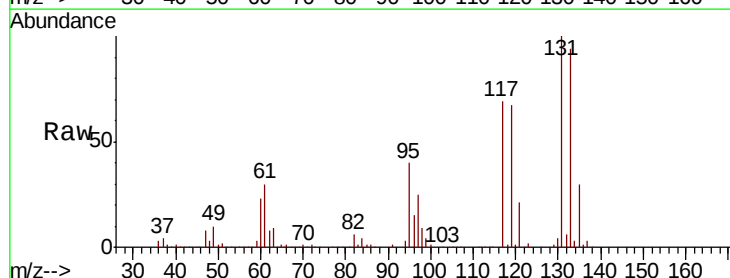
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

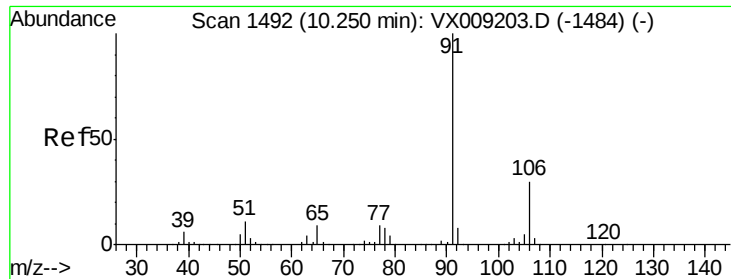
Tot Ion:112 Resp: 231343
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 44.246 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion:131 Resp: 83008
Ion Ratio Lower Upper
131 100
133 95.0 47.7 143.1
119 66.9 33.5 100.4

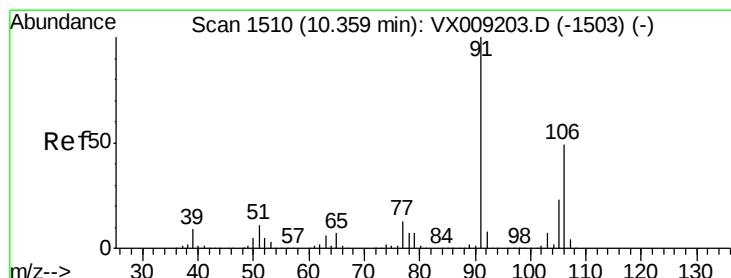
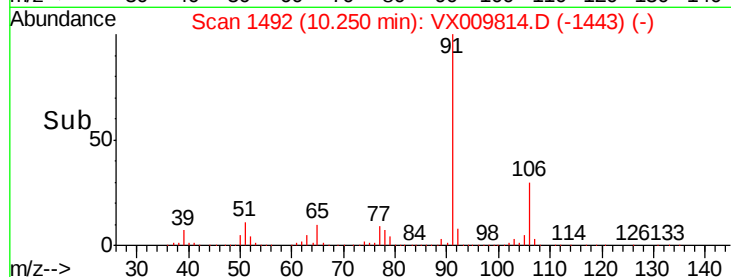
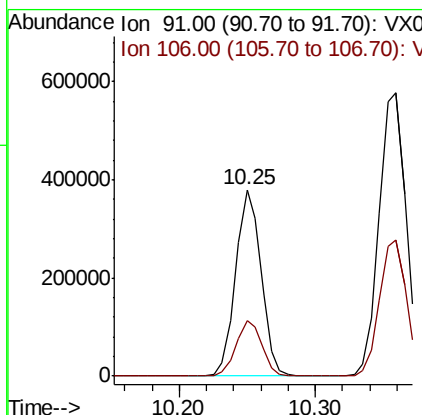
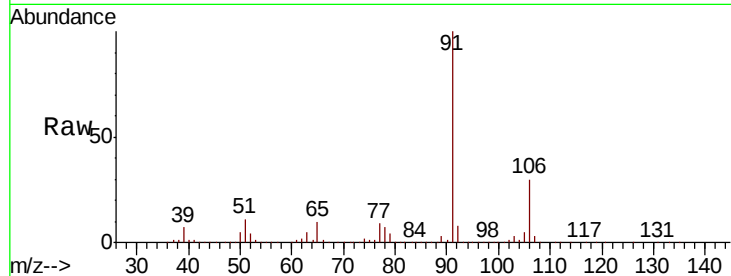




#67
Ethyl Benzene
Concen: 52.170 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

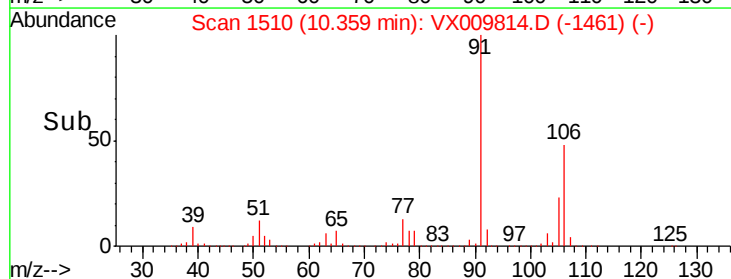
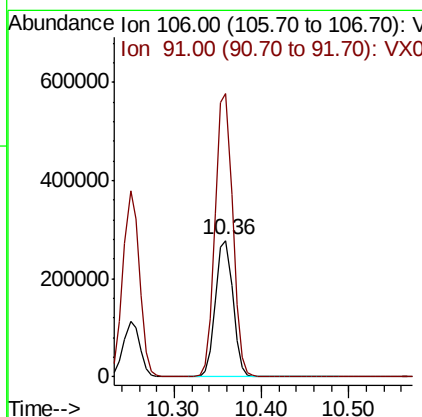
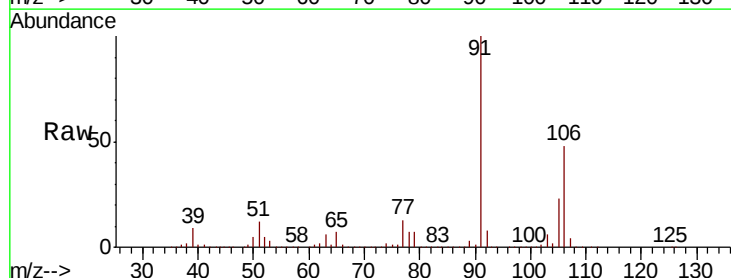
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

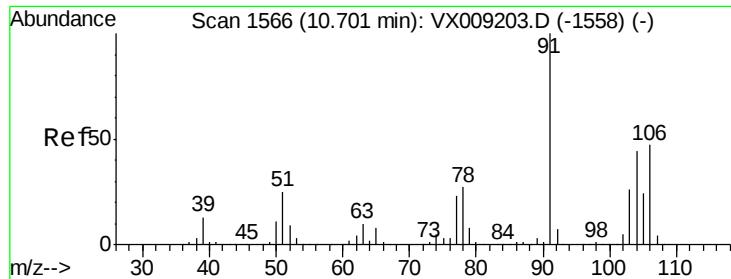
Tot Ion: 91 Resp: 496840
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 110.690 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 106 Resp: 385221
Ion Ratio Lower Upper
106 100
91 208.2 164.0 246.0

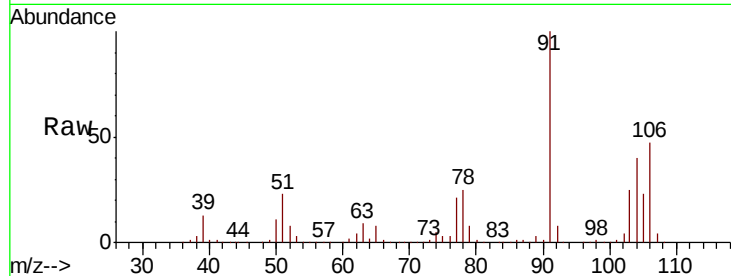




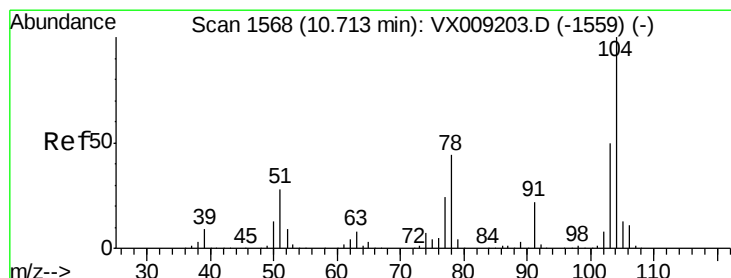
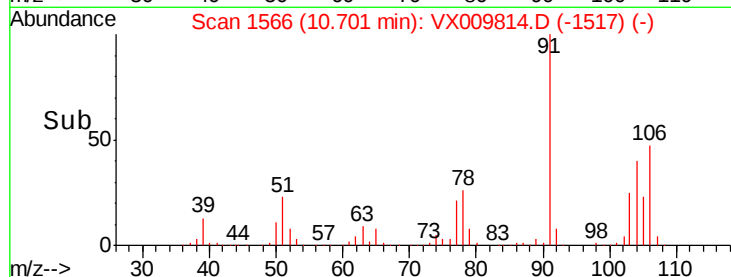
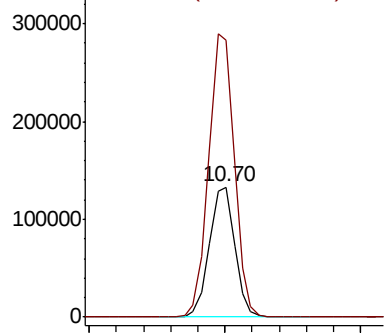
#69
o-Xylene
Concen: 50.360 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion:106 Resp: 172924
Ion Ratio Lower Upper
106 100
91 220.5 109.5 328.4

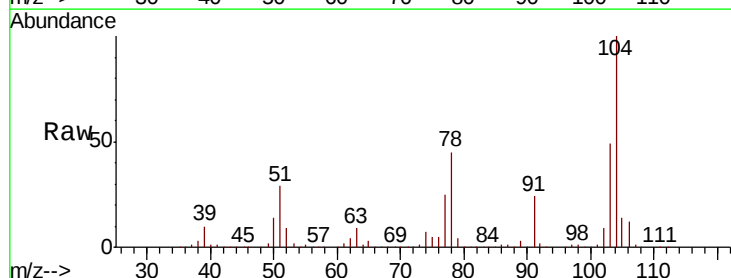


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

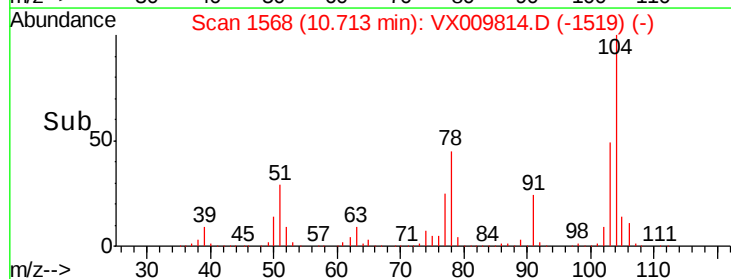
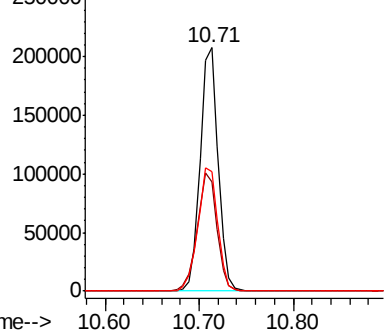


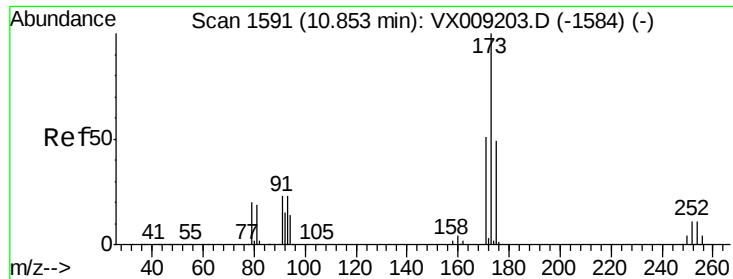
#70
Styrene
Concen: 46.057 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion:104 Resp: 274870
Ion Ratio Lower Upper
104 100
78 53.2 41.0 61.4
103 55.9 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: 45.926 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

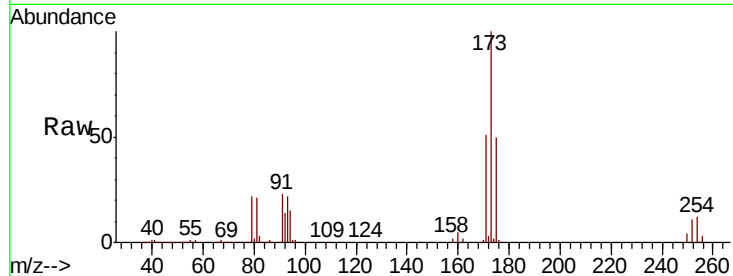
Tot Ion:173 Resp: 70018

Ion Ratio Lower Upper

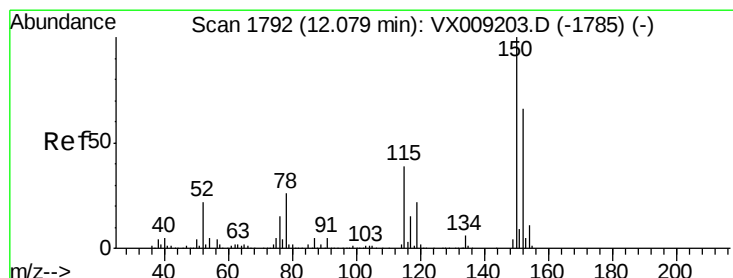
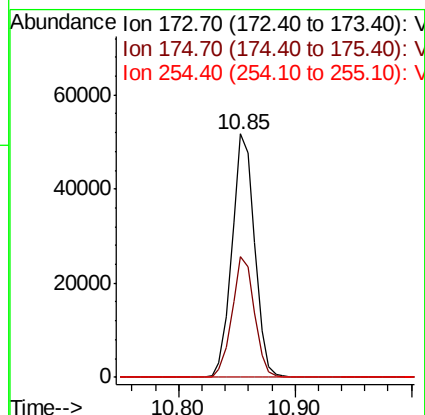
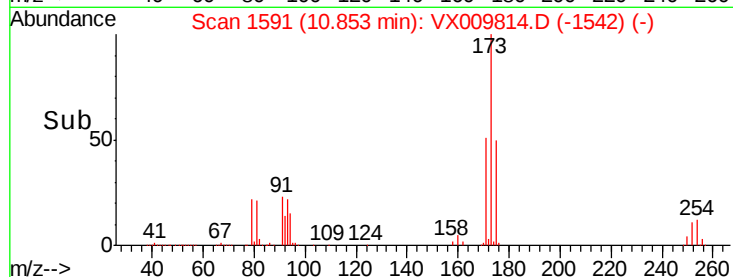
173 100

175 48.9 24.5 73.5

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

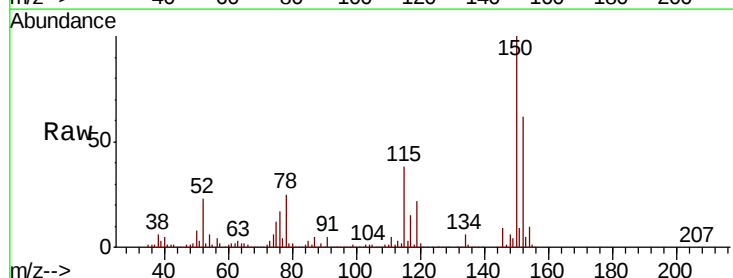
Tgt Ion:152 Resp: 126965

Ion Ratio Lower Upper

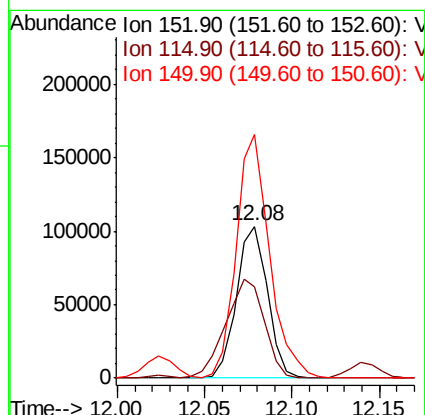
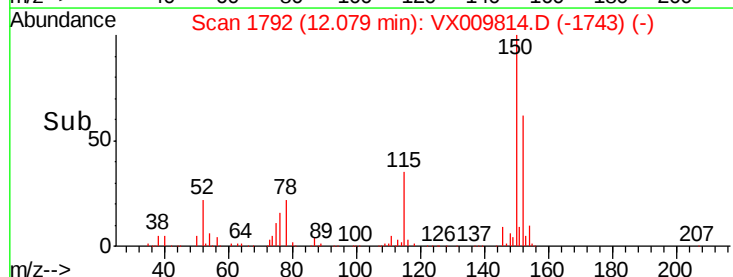
152 100

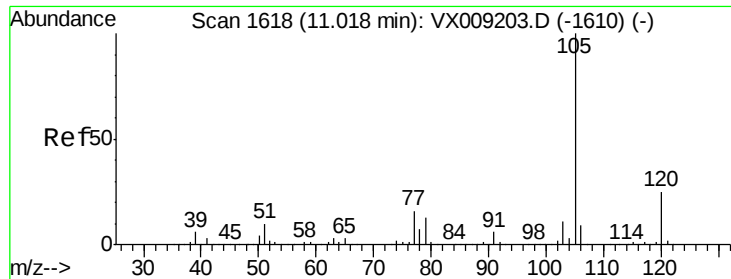
115 81.4 41.2 123.6

150 172.6 0.0 346.4



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

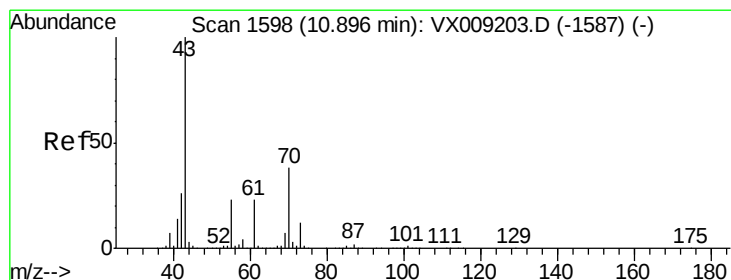
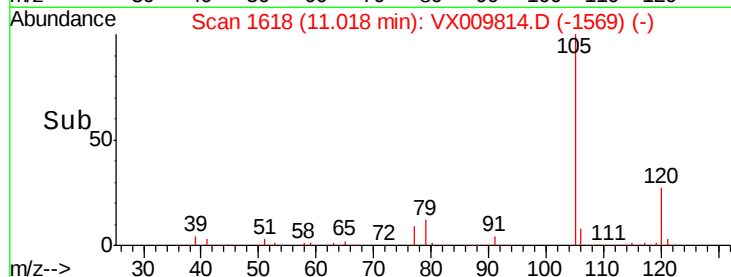
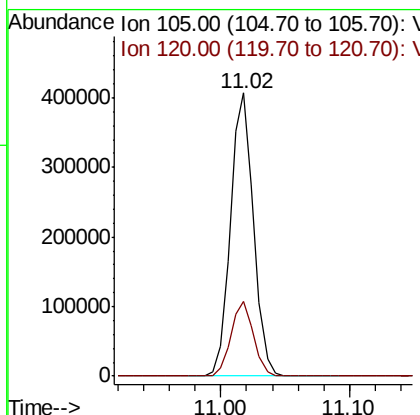
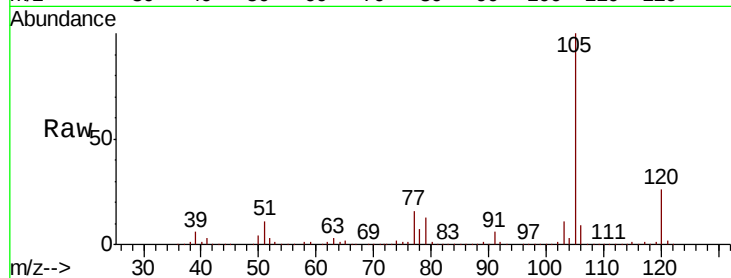




#73
Isopropylbenzene
Concen: 54.988 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

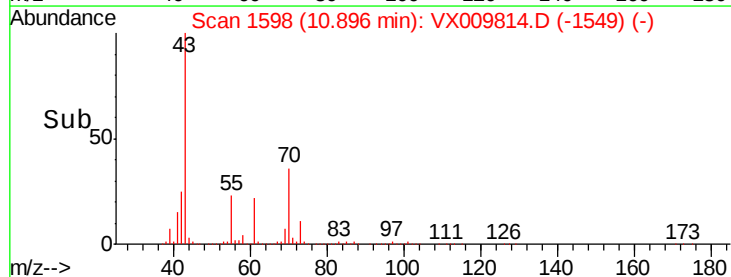
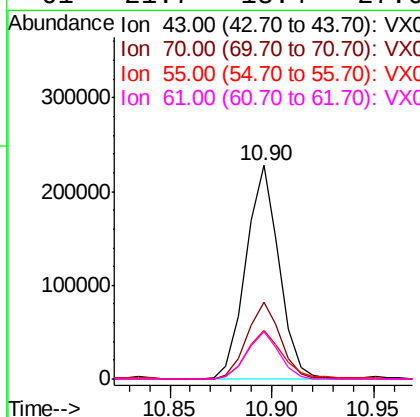
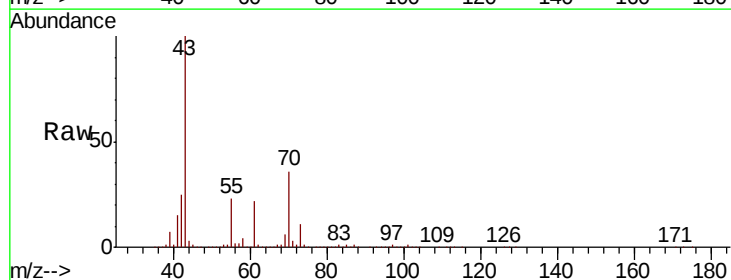
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

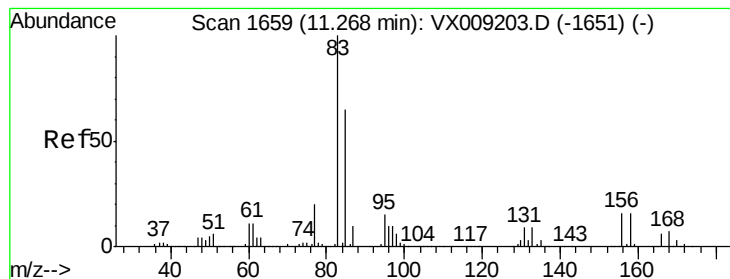
Tot Ion:105 Resp: 507689
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 47.766 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 43 Resp: 257115
Ion Ratio Lower Upper
43 100
70 36.5 30.0 45.0
55 24.8 17.9 26.9
61 21.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.606 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

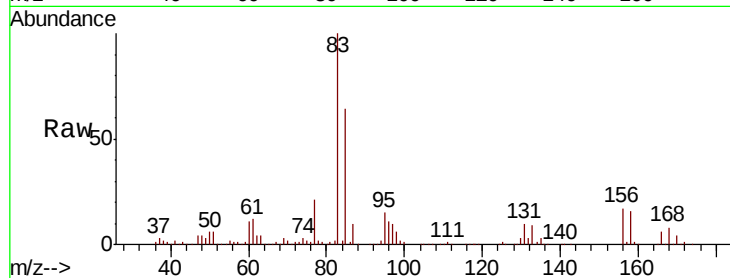
Tot Ion: 83 Resp: 153526

Ion Ratio Lower Upper

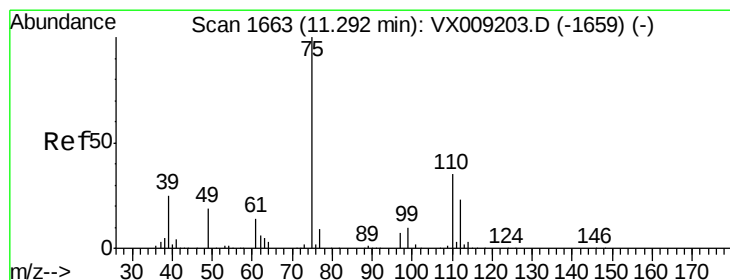
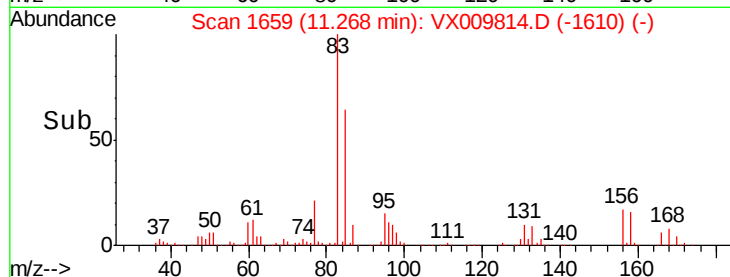
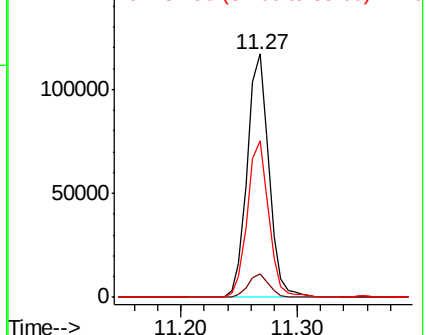
83 100

131 9.5 4.6 13.8

85 63.8 32.0 96.2



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: 61.645 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009814.D

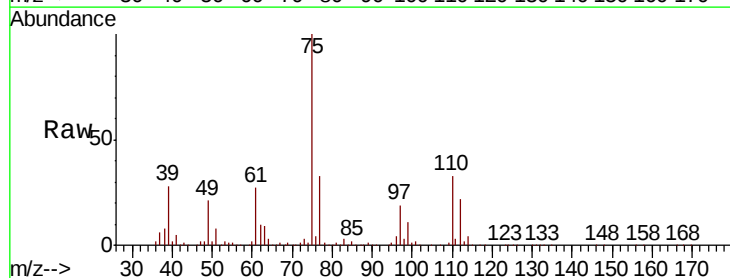
Acq: 22 May 2019 19:04

Tgt Ion: 75 Resp: 181552

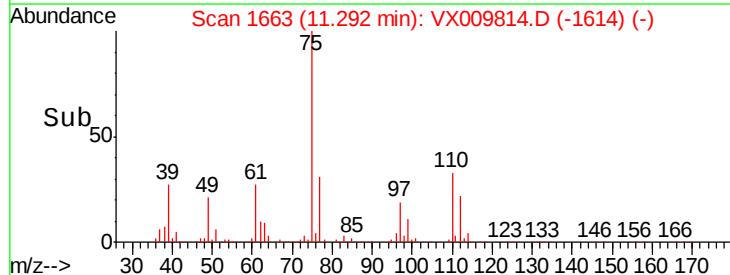
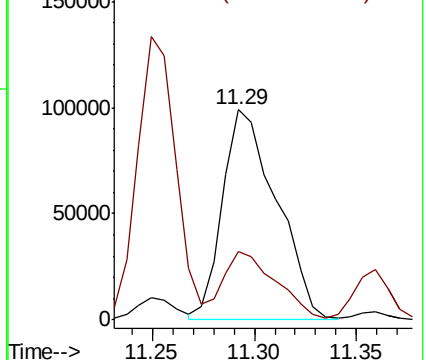
Ion Ratio Lower Upper

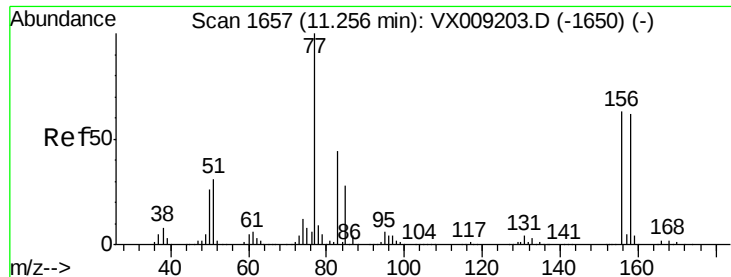
75 100

77 32.0 22.1 66.1



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





#77

Bromobenzene

Concen: 44.589 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-E3-4MS

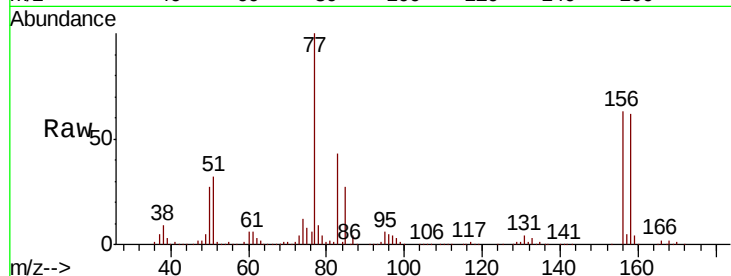
Tot Ion:156 Resp: 102180

Ion Ratio Lower Upper

156 100

77 171.2 84.8 254.3

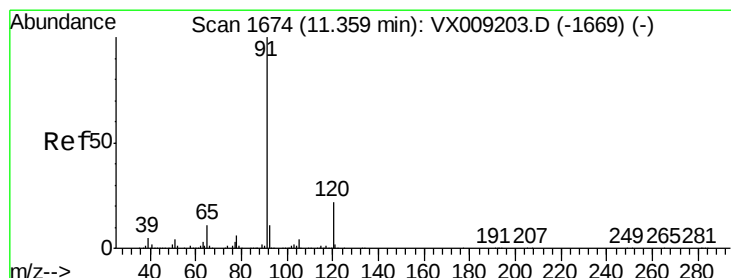
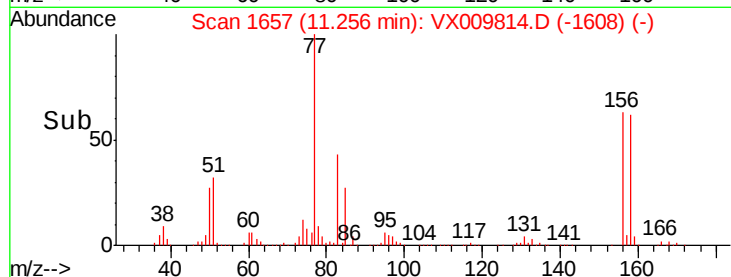
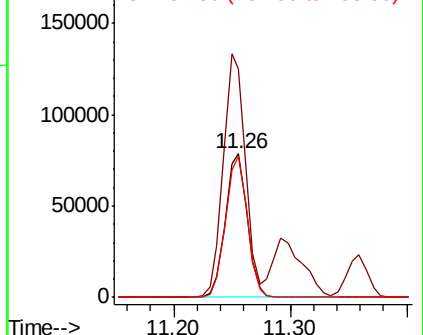
158 97.8 49.1 147.3



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: 65.579 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009814.D

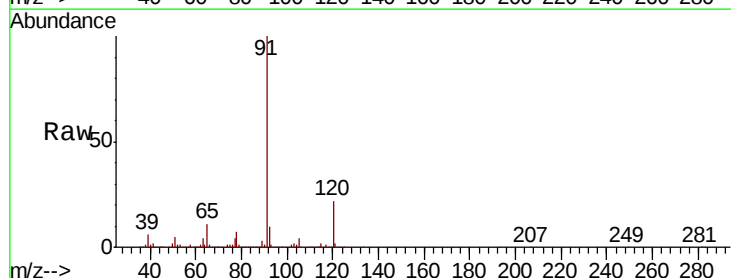
Acq: 22 May 2019 19:04

Tgt Ion: 91 Resp: 691481

Ion Ratio Lower Upper

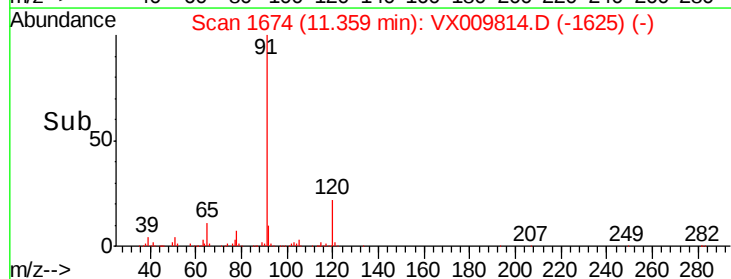
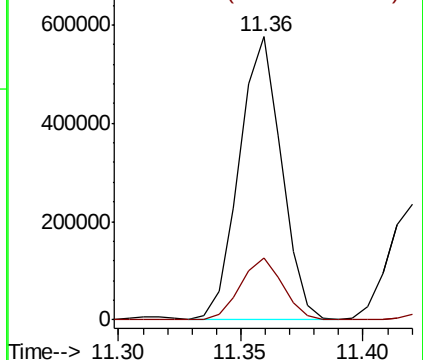
91 100

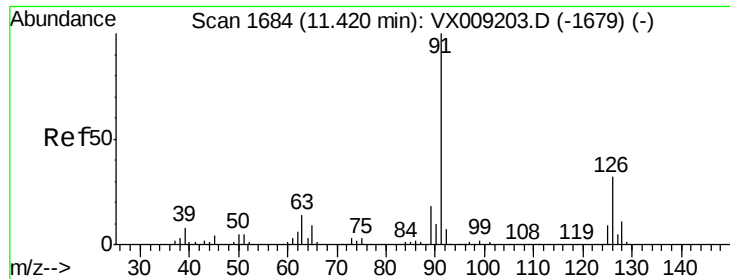
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

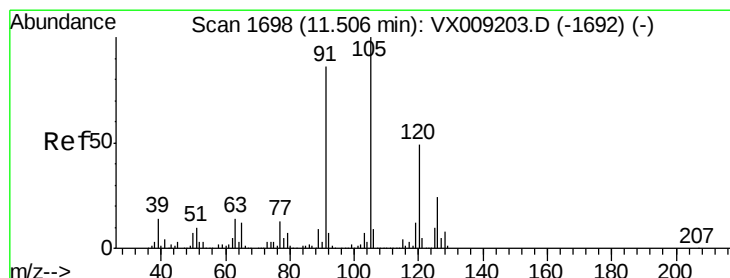
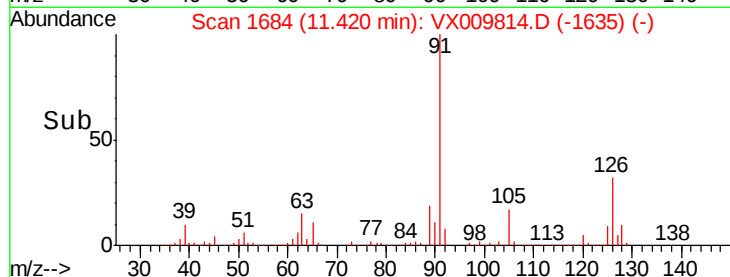
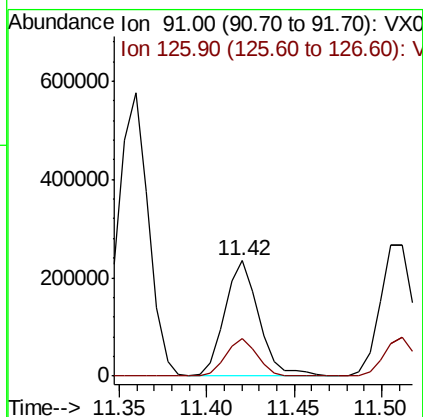
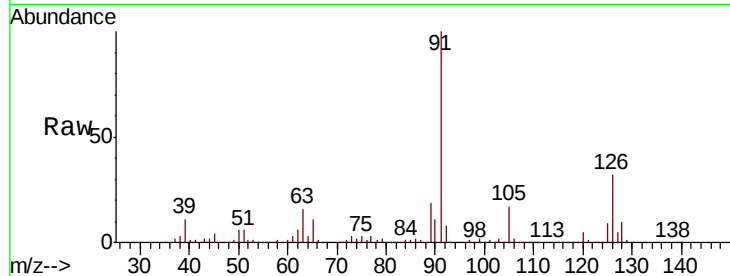




#79
2-Chlorotoluene
Concen: 48.729 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

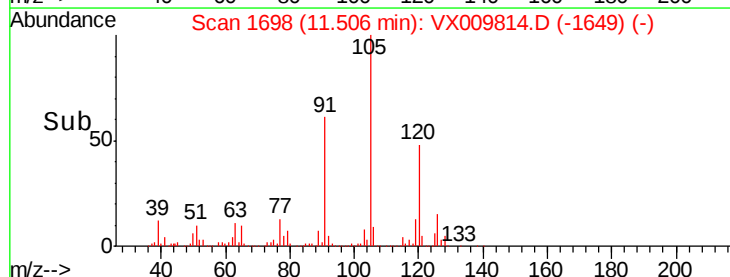
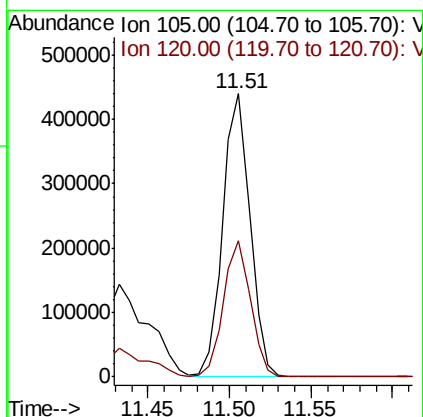
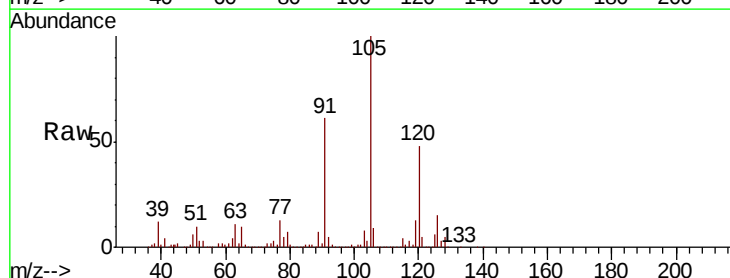
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

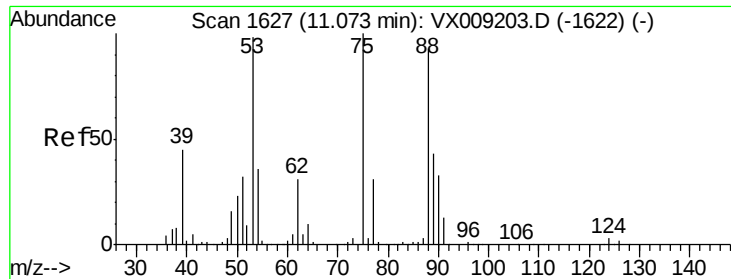
Tot Ion: 91 Resp: 316994
Ion Ratio Lower Upper
91 100
126 29.8 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 65.891 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 105 Resp: 512241
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9

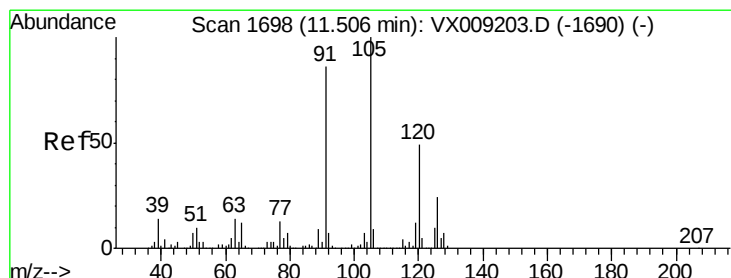
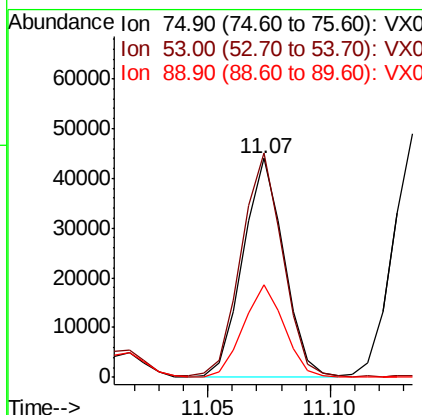
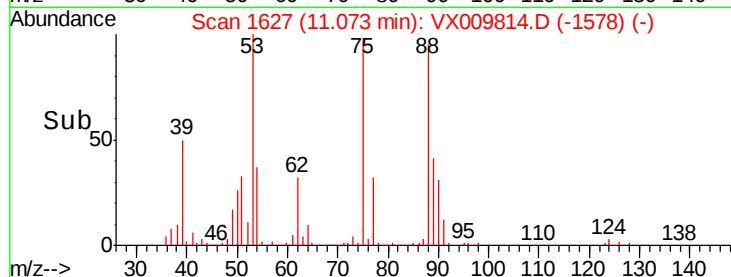
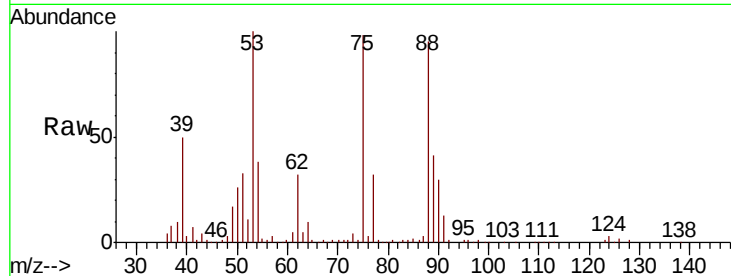




#81
trans-1,4-Dichloro-2-butene
Concen: 44.351 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

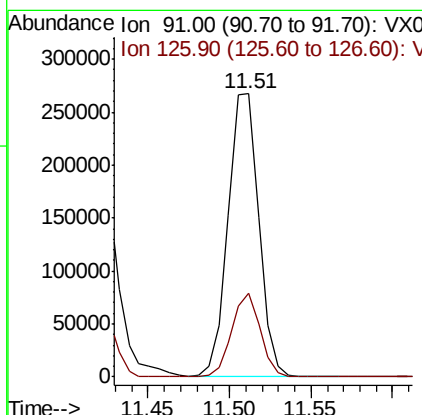
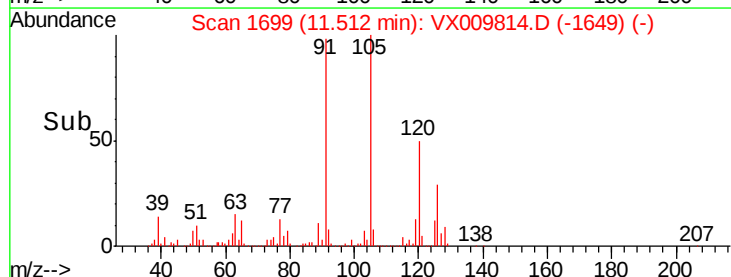
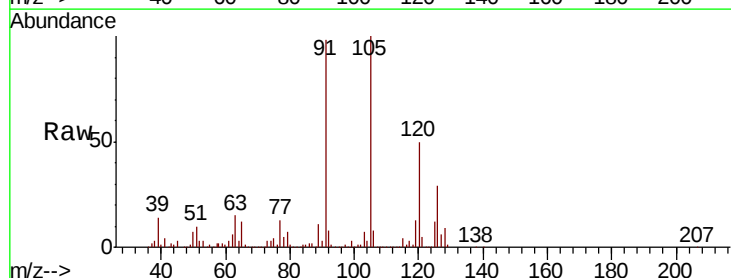
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

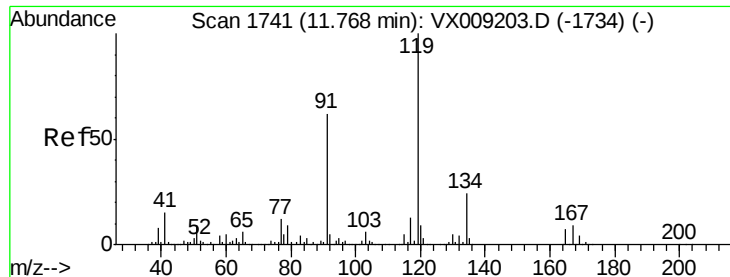
Tot Ion: 75 Resp: 51050
Ion Ratio Lower Upper
75 100
53 104.0 79.0 118.6
89 42.1 34.7 52.1



#82
4-Chlorotoluene
Concen: 47.564 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 91 Resp: 349553
Ion Ratio Lower Upper
91 100
126 27.4 14.5 43.6





#83

tert-Butylbenzene

Concen: 47.558 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampled :

EP1-PZ-E3-4MS

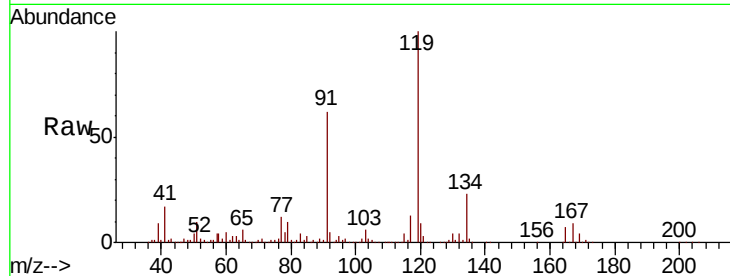
Tot Ion:119 Resp: 359659

Ion Ratio Lower Upper

119 100

91 57.5 29.5 88.5

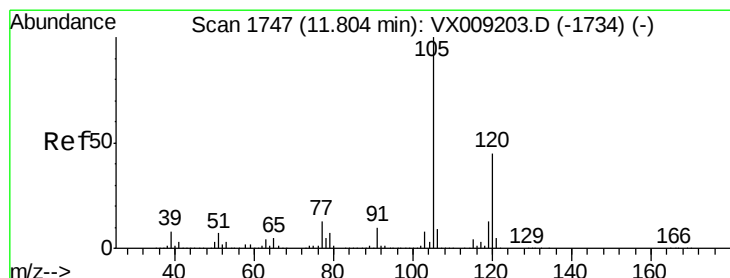
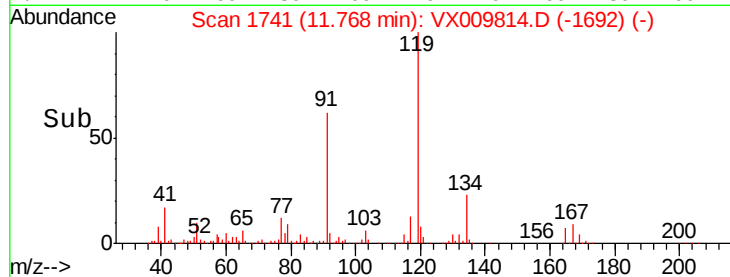
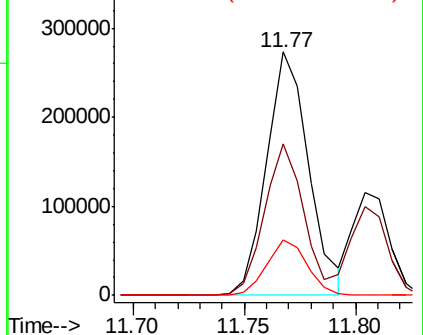
134 22.0 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 147.376 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009814.D

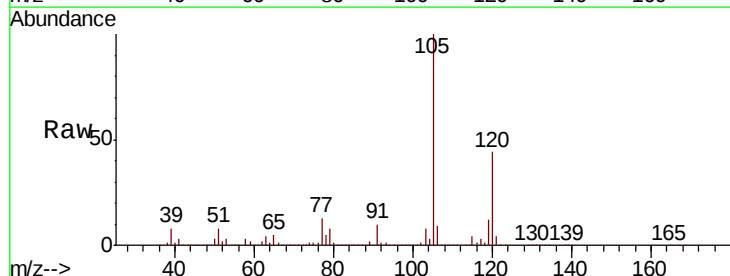
Acq: 22 May 2019 19:04

Tgt Ion:105 Resp: 1149996

Ion Ratio Lower Upper

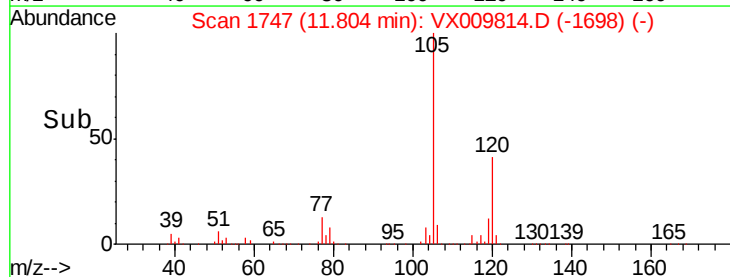
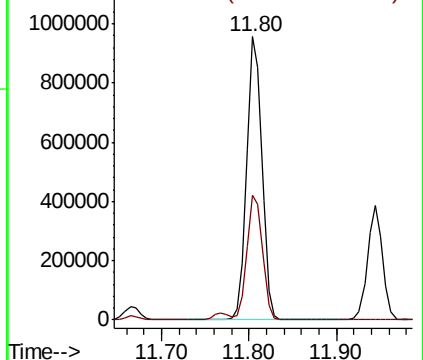
105 100

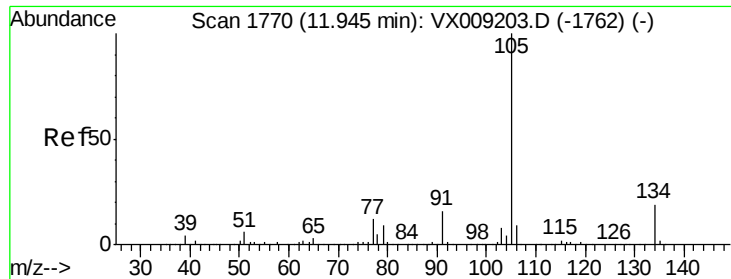
120 44.9 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.487 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

Instrument :

MSVOA_X

ClientSampleId :

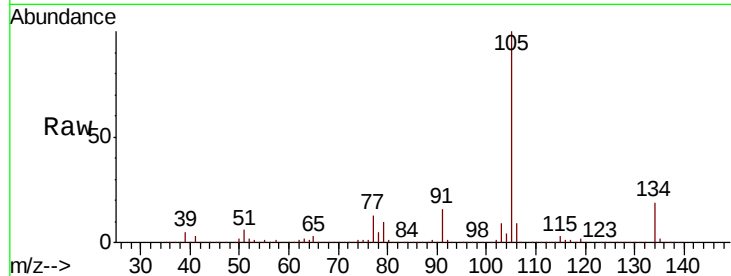
EP1-PZ-E3-4MS

Tot Ion:105 Resp: 461625

Ion Ratio Lower Upper

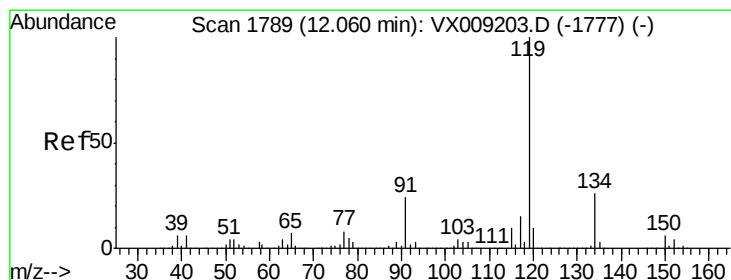
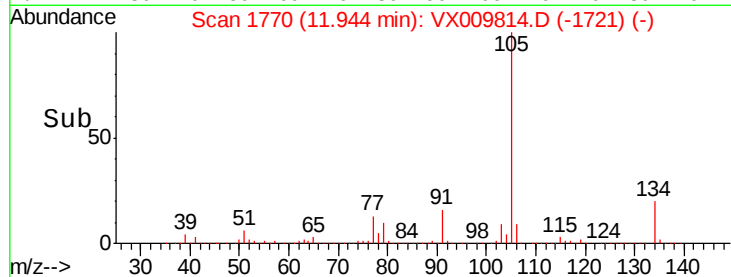
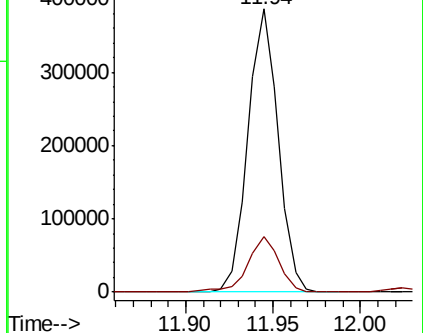
105 100

134 20.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.993 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009814.D

Acq: 22 May 2019 19:04

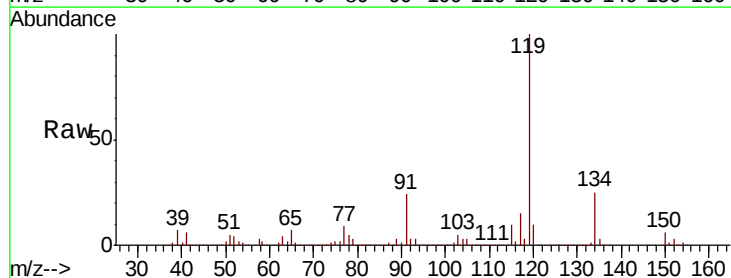
Tgt Ion:119 Resp: 394897

Ion Ratio Lower Upper

119 100

134 25.3 12.9 38.7

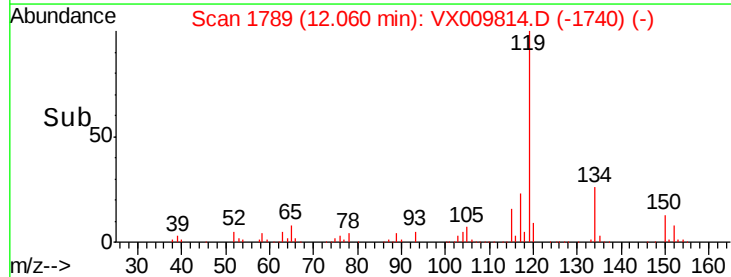
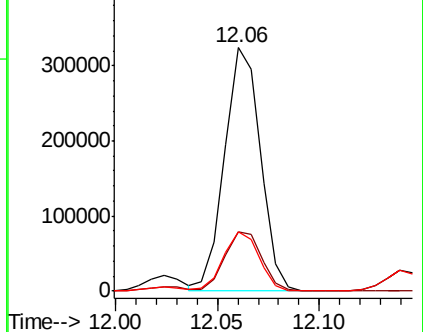
91 24.1 11.8 35.4

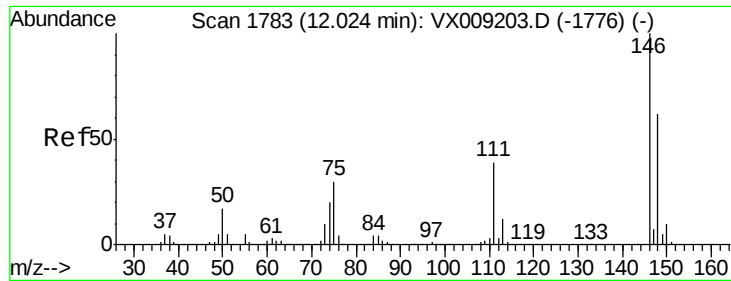


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

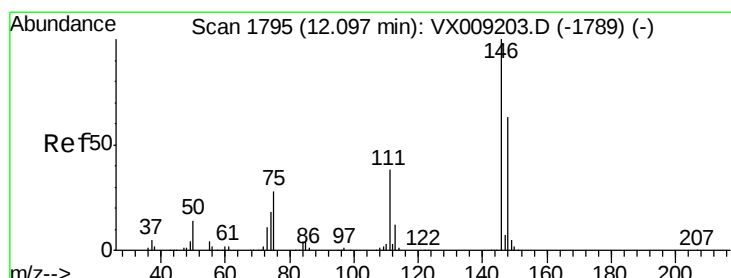
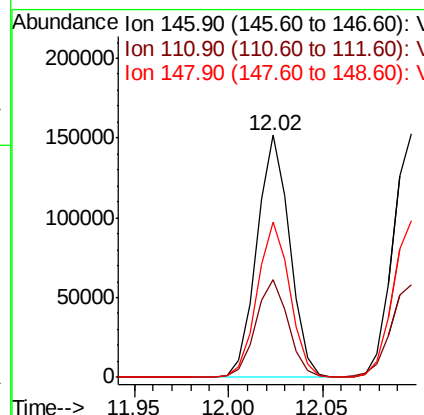
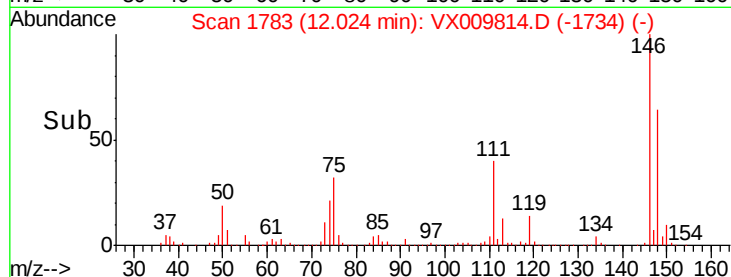
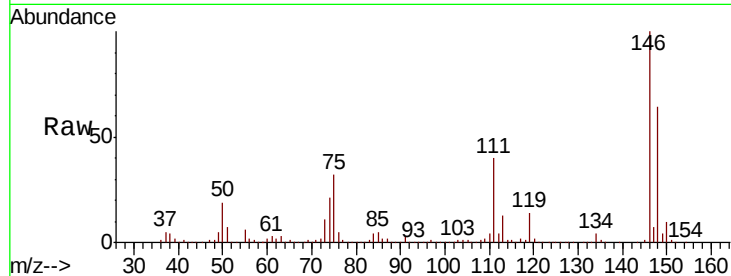




#87
 1,3-Dichlorobenzene
 Concen: 44.758 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

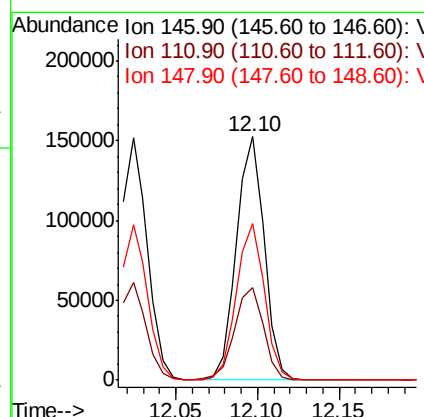
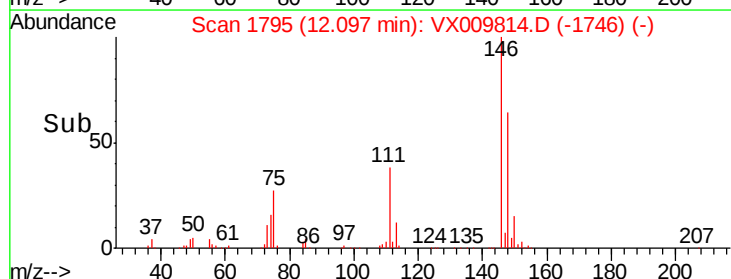
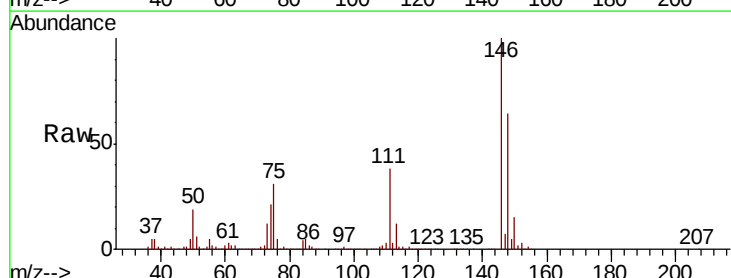
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

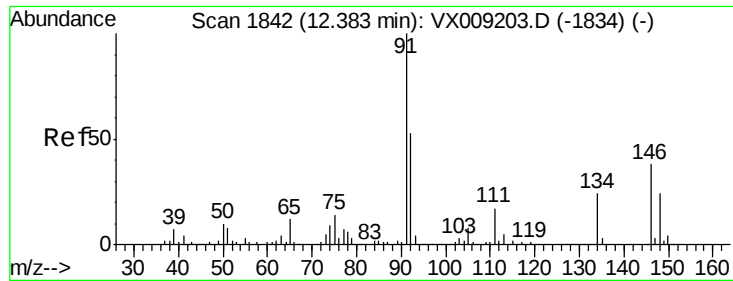
Tot Ion:146 Resp: 182847
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 59.9
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 43.964 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion:146 Resp: 181072
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.8
 148 64.6 31.8 95.3

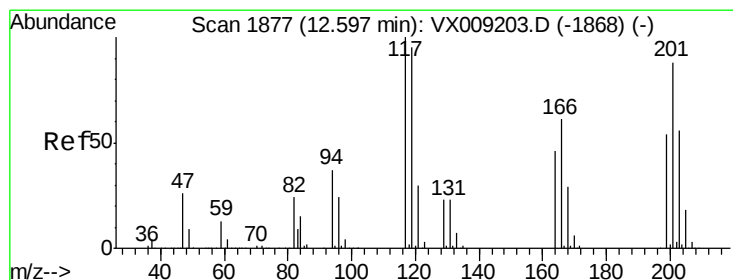
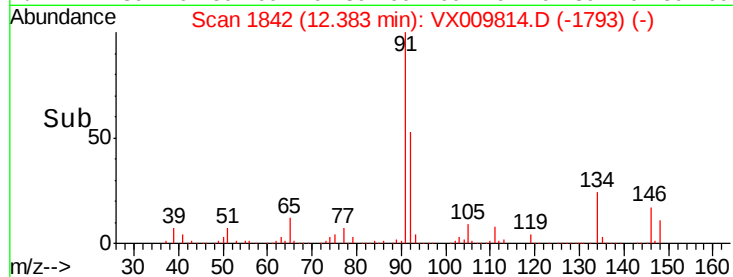
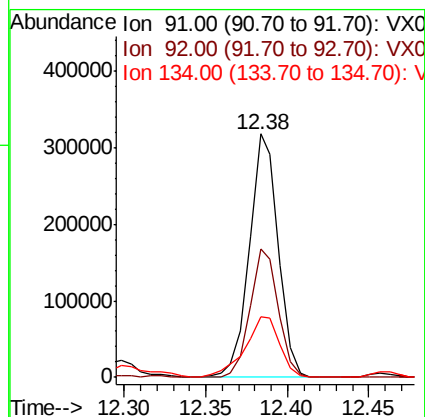
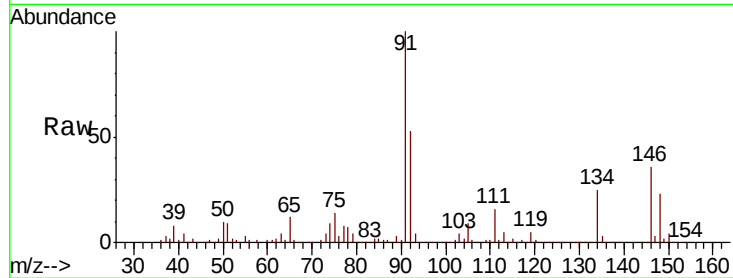




#89
n-Butylbenzene
Concen: 53.772 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

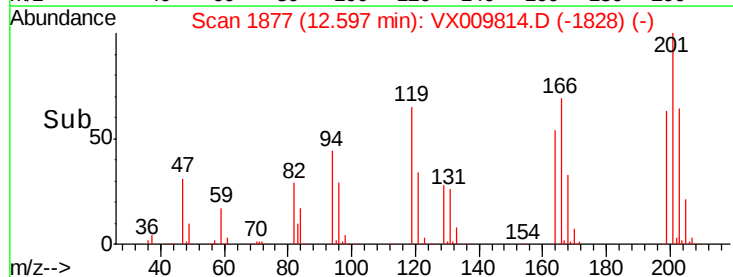
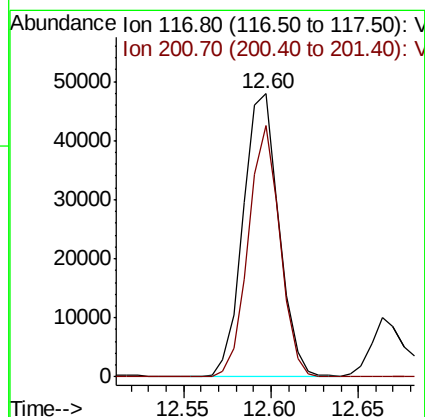
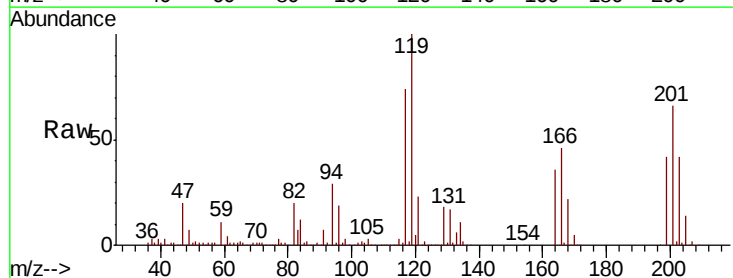
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

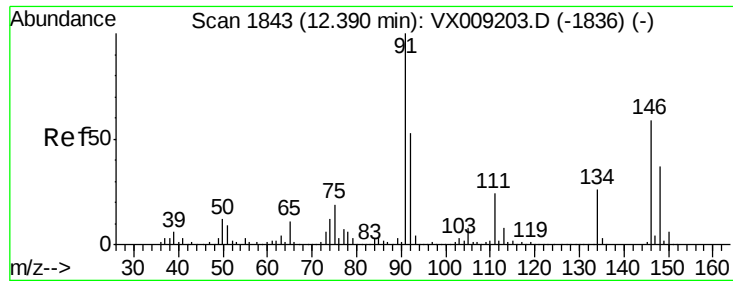
Tot Ion: 91 Resp: 391743
Ion Ratio Lower Upper
91 100
92 51.6 26.5 79.5
134 29.8 12.4 37.2



#90
Hexachloroethane
Concen: 49.837 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion: 117 Resp: 68437
Ion Ratio Lower Upper
117 100
201 78.0 42.3 126.9

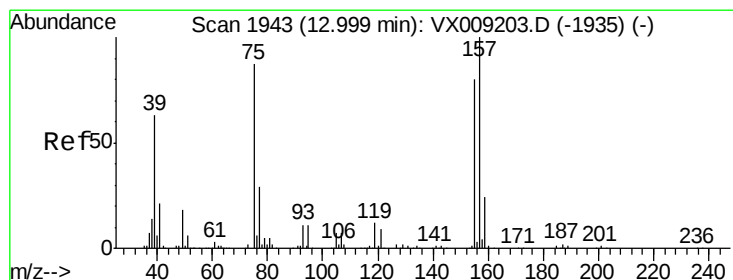
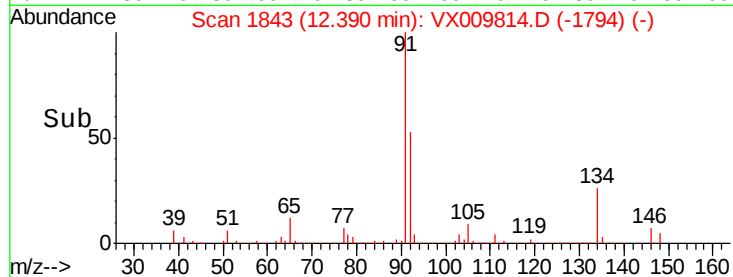
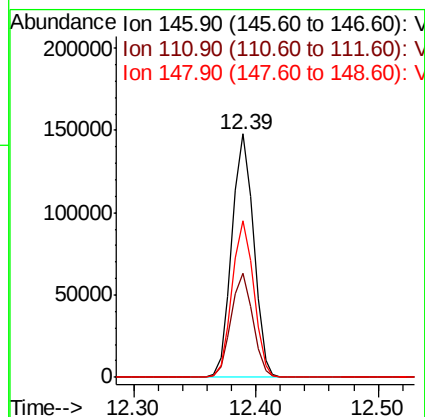
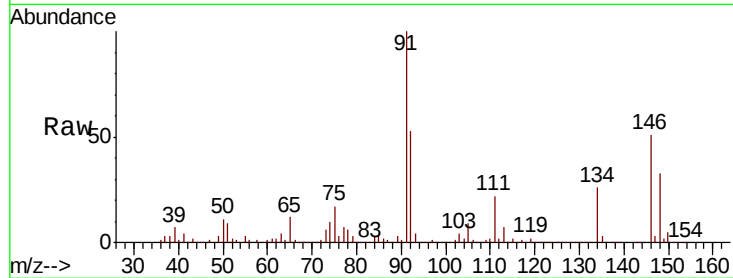




#91
 1,2-Dichlorobenzene
 Concen: 43.559 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

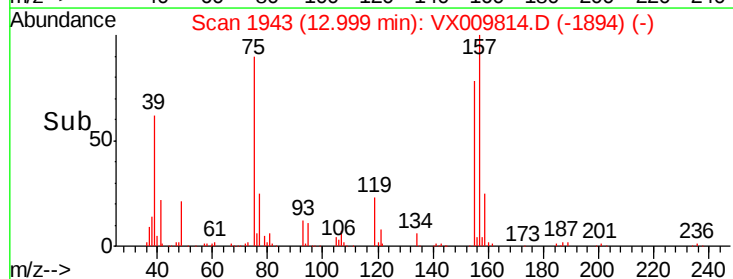
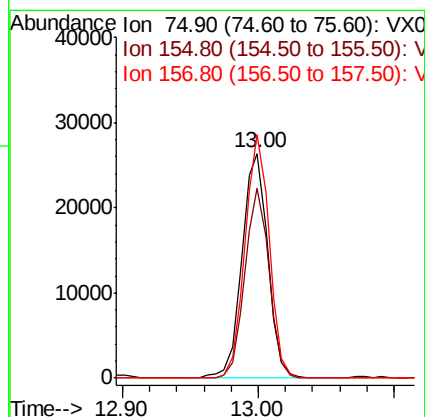
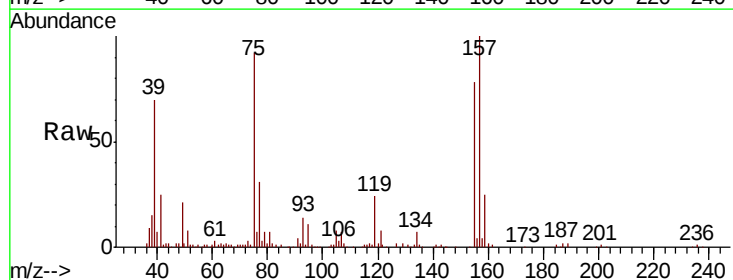
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

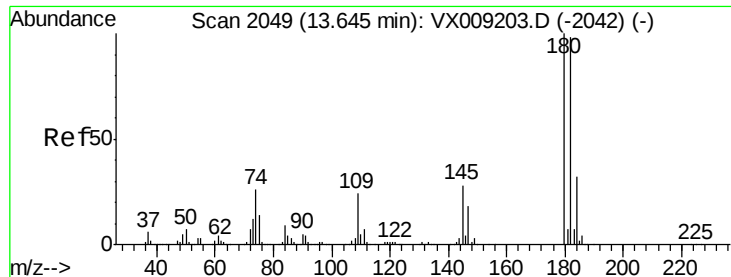
Tot Ion:146 Resp: 181249
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.8 62.4
 148 64.0 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.069 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion: 75 Resp: 34798
 Ion Ratio Lower Upper
 75 100
 155 79.4 42.0 126.0
 157 102.0 53.2 159.6

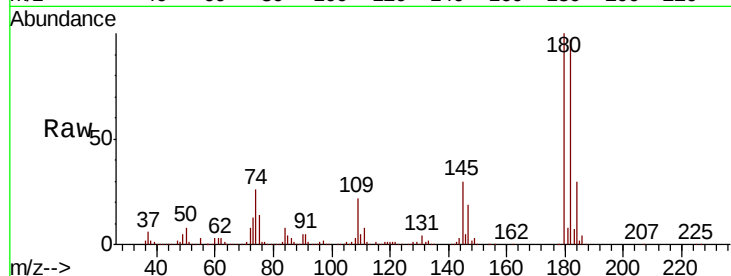




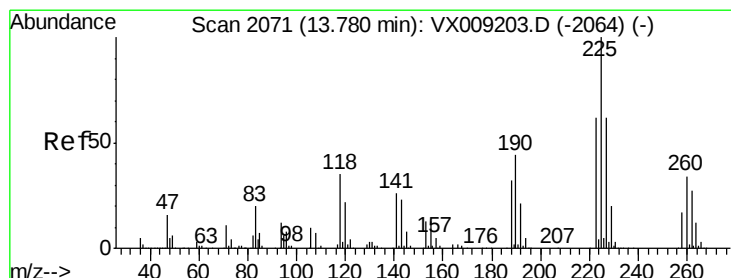
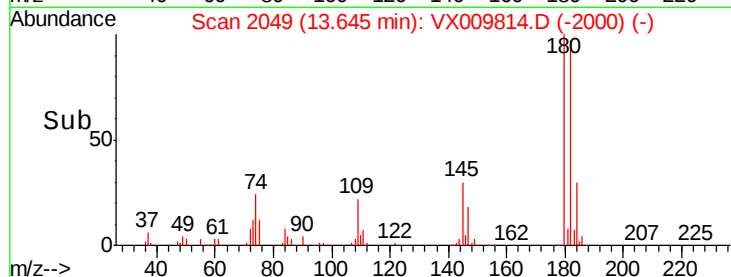
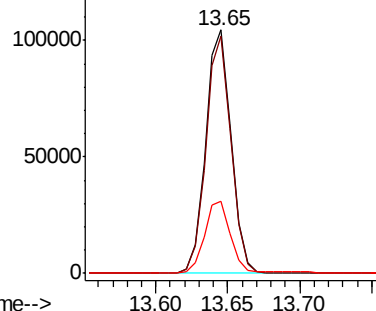
#93
 1,2,4-Trichlorobenzene
 Concen: 45.068 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.4	145.2
145	30.1	14.6	43.8

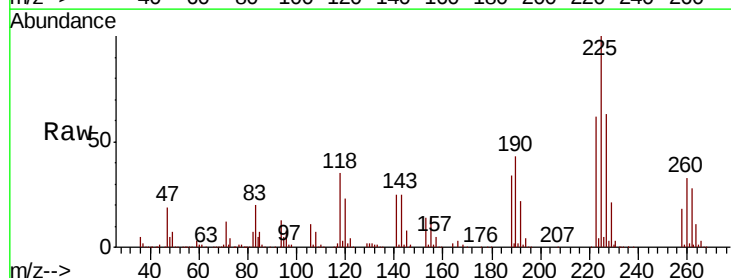


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

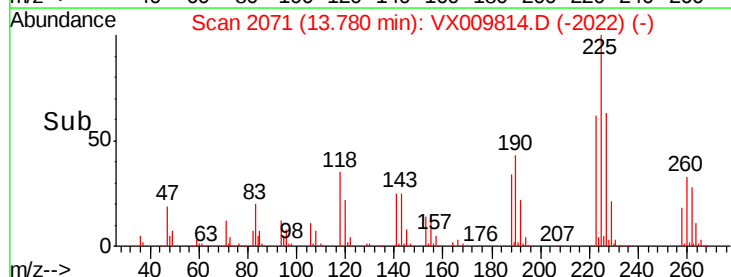
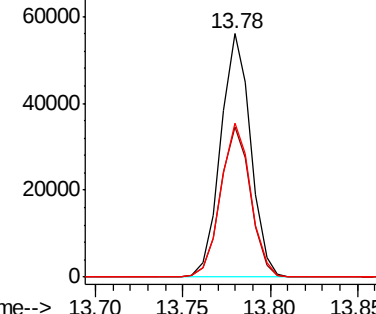


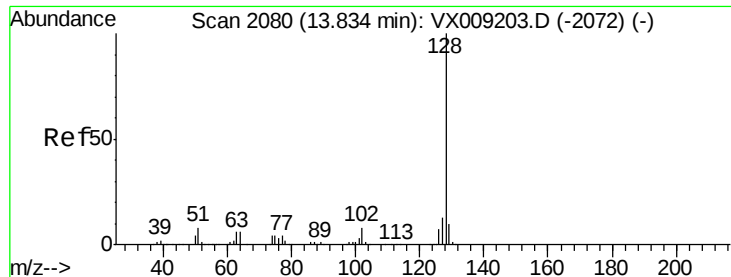
#94
 Hexachlorobutadiene
 Concen: 45.717 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009814.D
 Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.8
227	63.5	31.8	95.3



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

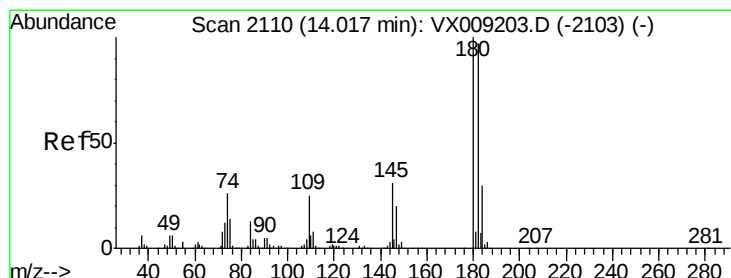
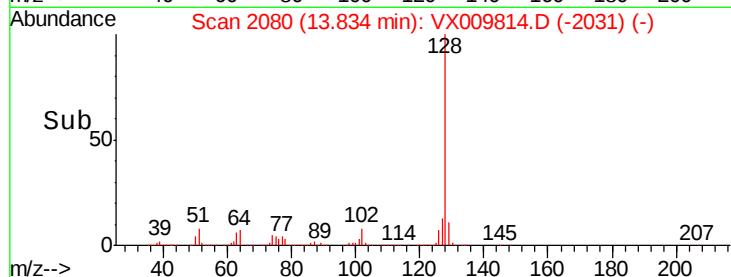
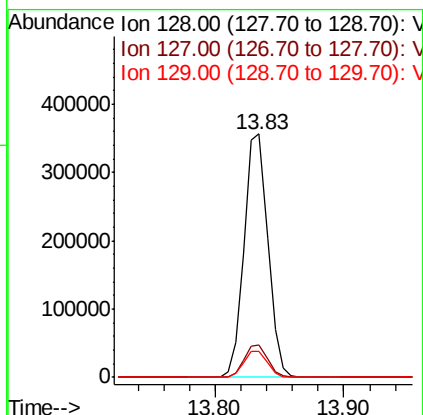
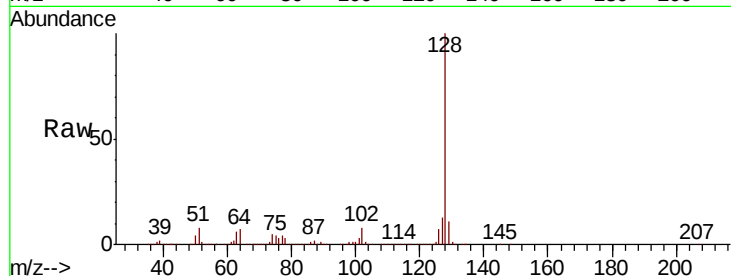




#95
Naphthalene
Concen: 48.900 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-E3-4MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 44.352 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009814.D
Acq: 22 May 2019 19:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.4
145	31.4	15.4	46.4

