

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101119\
 Data File : VX013029.D
 Acq On : 11 Oct 2019 20:13
 Operator : JC/SP
 Sample : K5313-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202

Quant Time: Oct 11 23:29:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	276895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103248	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	104046	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
35) Dibromofluoromethane	5.49	113	81329	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
50) Toluene-d8	8.71	98	327382	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	11.14	95	114425	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	694	0.369	ug/l	94
4) Vinyl Chloride	1.40	62	30450	15.692	ug/l	97
6) Chloroethane	1.78	64	2004	2.046	ug/l #	1
10) Methyl Iodide	2.50	142	50	5.105	ug/l #	40
11) Tert butyl alcohol	3.02	59	1091	1.943	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	1296	0.757	ug/l #	78
13) Acrolein	2.26	56	2209	5.536	ug/l #	1
14) Allyl chloride	2.84	41	425339	139.463	ug/l #	65
15) Acrylonitrile	3.17	53	10947	10.288	ug/l #	37
16) Acetone	2.44	43	5343	4.786	ug/l	89
18) Methyl Acetate	2.84	43	1073481	405.647	ug/l #	51
20) Methylene Chloride	2.83	84	2942	1.434	ug/l #	1
21) trans-1,2-Dichloroethene	3.16	96	1221	0.665	ug/l	92
25) 2-Butanone	4.67	43	1106	0.714	ug/l #	49
26) 2,2-Dichloropropane	4.39	77	3355	1.214	ug/l #	53
27) cis-1,2-Dichloroethene	4.59	96	67803	32.046	ug/l	88
30) Chloroform	5.26	83	858	0.254	ug/l	98
31) Cyclohexane	5.58	56	382057	124.276	ug/l	100
36) 1,1-Dichloropropene	5.65	75	13938	5.725	ug/l #	49
37) Ethyl Acetate	4.67	43	1106	0.406	ug/l #	67
38) Carbon Tetrachloride	5.65	117	17499	7.385	ug/l #	18
39) Methylcyclohexane	7.46	83	352473	119.387	ug/l	96
40) Benzene	6.14	78	254592	35.408	ug/l	100
42) 1,2-Dichloroethane	6.13	62	2511	0.973	ug/l #	73
43) Isopropyl Acetate	6.34	43	304329	69.653	ug/l #	60
44) Trichloroethene	7.21	130	2347	1.177	ug/l	94
45) 1,2-Dichloropropane	7.45	63	3518	1.920	ug/l #	1
47) Bromodichloromethane	7.84	83	1239	0.520	ug/l #	74
48) Methyl methacrylate	7.73	41	22674	10.649	ug/l #	47
51) 4-Methyl-2-Pentanone	8.67	43	19153	7.031	ug/l #	63
52) Toluene	8.78	92	91421	19.874	ug/l	97
53) t-1,3-Dichloropropene	8.78	75	1152	2.539	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	29306	16.098	ug/l #	21
56) Ethyl methacrylate	9.16	69	6936	3.881	ug/l #	1

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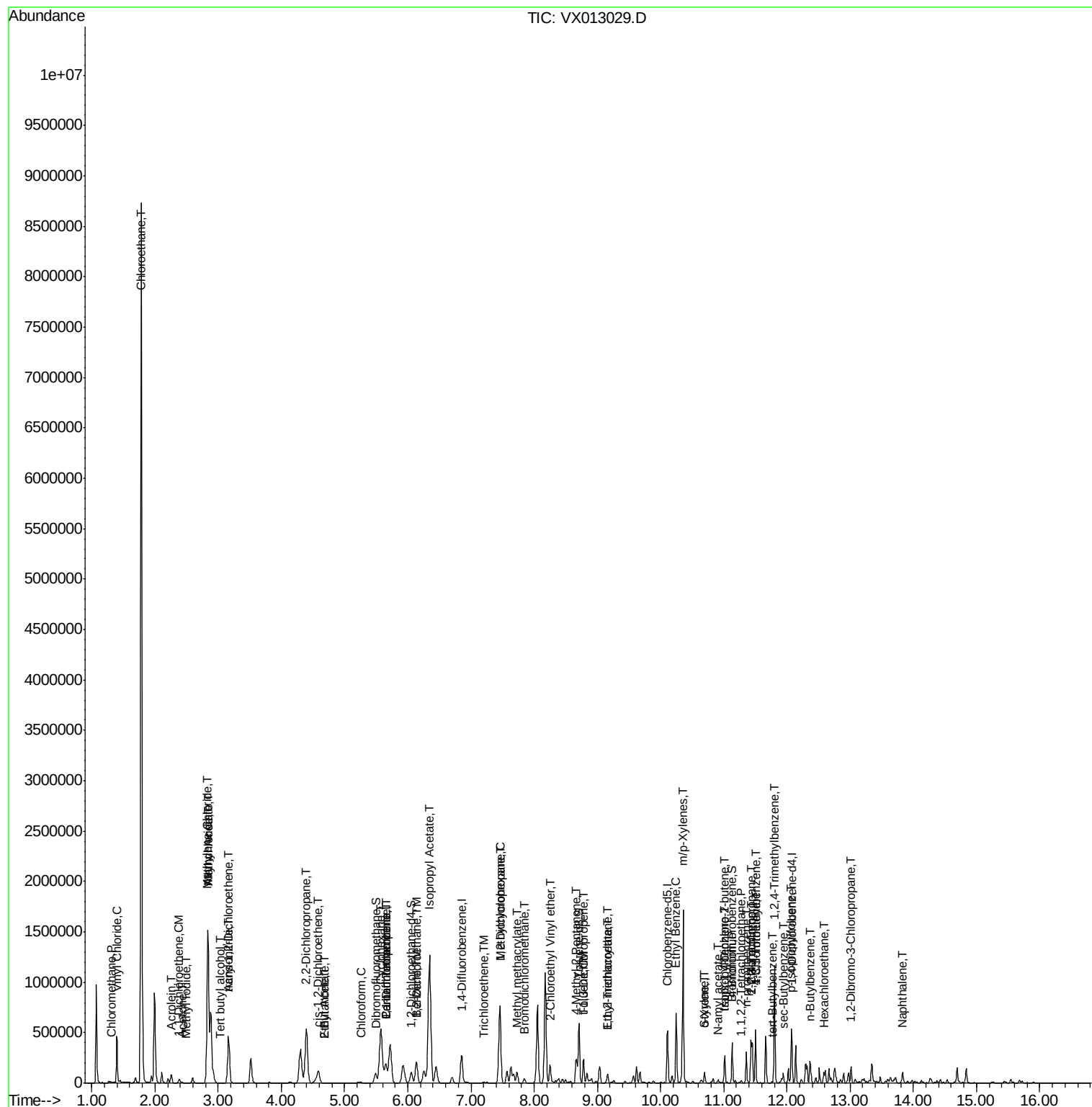
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	8.25	63	292	0.218	ug/l #	45
67) Ethyl Benzene	10.25	91	412659	48.479	ug/l	99
68) m/p-Xylenes	10.36	106	387336	121.804	ug/l	99
69) o-Xylene	10.70	106	23969	7.729	ug/l	92
70) Styrene	10.70	104	1331	0.252	ug/l #	1
71) Bromoform	11.12	173	169	3.245	ug/l #	29
73) Isopropylbenzene	11.01	105	141261	18.609	ug/l	100
74) N-amyl acetate	10.92	43	793	0.243	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	1203	0.476	ug/l #	34
76) 1,2,3-Trichloropropane	11.43	75	3268	1.427	ug/l #	1
78) n-propylbenzene	11.35	91	188369	22.551	ug/l	97
79) 2-Chlorotoluene	11.43	91	47223	8.996	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	223482	35.258	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.01	75	1764	5.903	ug/l #	62
82) 4-Chlorotoluene	11.50	91	23371	3.884	ug/l #	46
83) tert-Butylbenzene	11.77	119	5602	0.906	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	536172	83.523	ug/l	96
85) sec-Butylbenzene	11.94	105	49825	6.955	ug/l	81
86) p-Isopropyltoluene	12.06	119	32204	4.847	ug/l	96
89) n-Butylbenzene	12.38	91	34076	6.103	ug/l #	35
90) Hexachloroethane	12.58	117	4521	5.637	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	13.01	75	536	0.906	ug/l #	1
95) Naphthalene	13.83	128	63737	9.013	ug/l	96

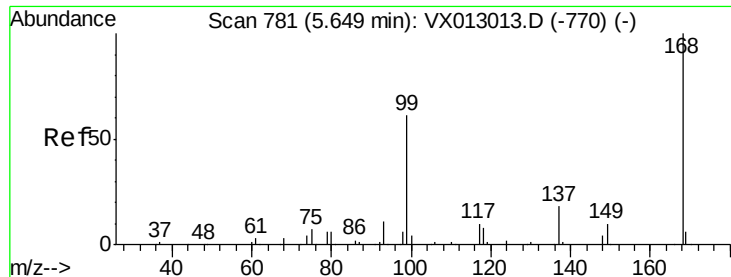
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

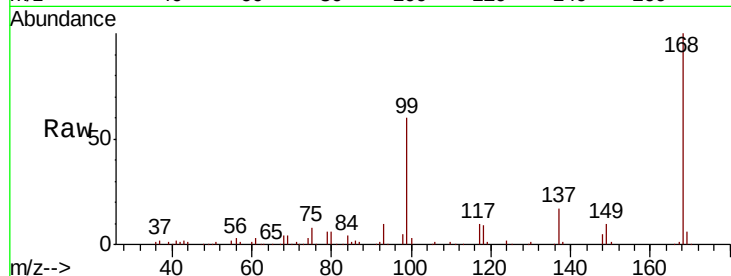
FA19-JMW3202

Tot Ion:168 Resp: 169469

Ion Ratio Lower Upper

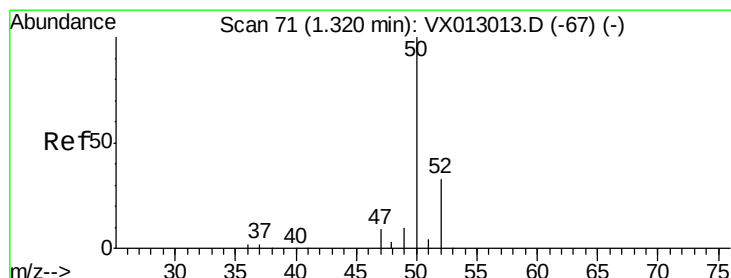
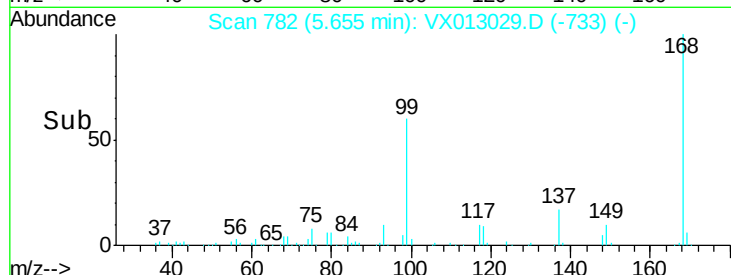
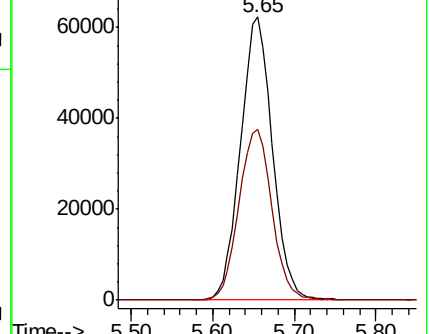
168 100

99 60.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.369 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX013029.D

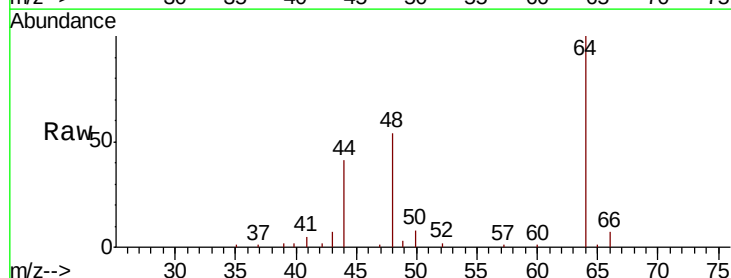
Acq: 11 Oct 2019 20:13

Tgt Ion: 50 Resp: 694

Ion Ratio Lower Upper

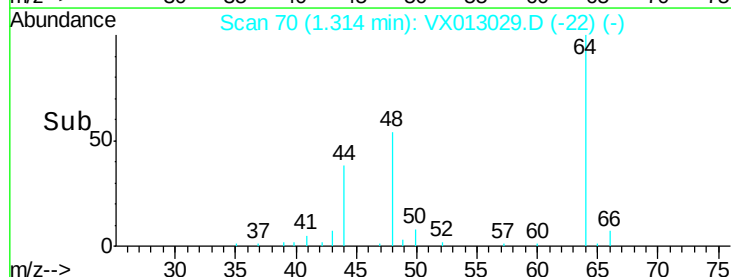
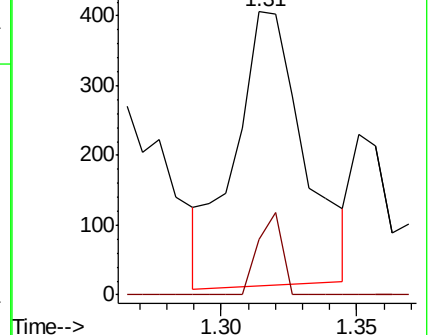
50 100

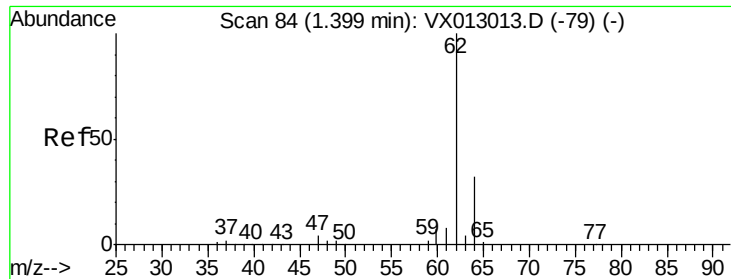
52 28.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 15.692 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

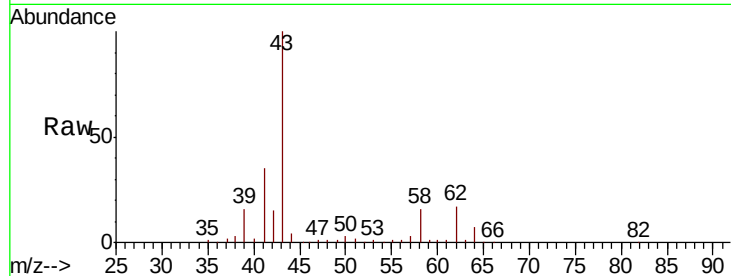
FA19-JMW3202

Tot Ion: 62 Resp: 30450

Ion Ratio Lower Upper

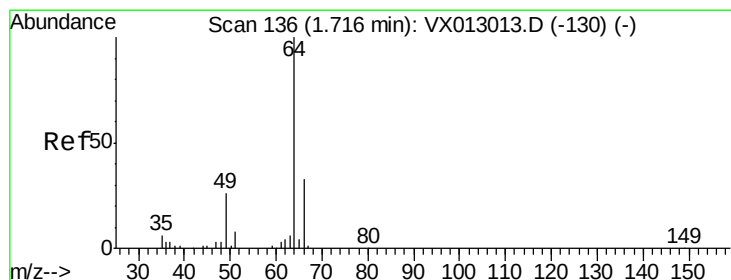
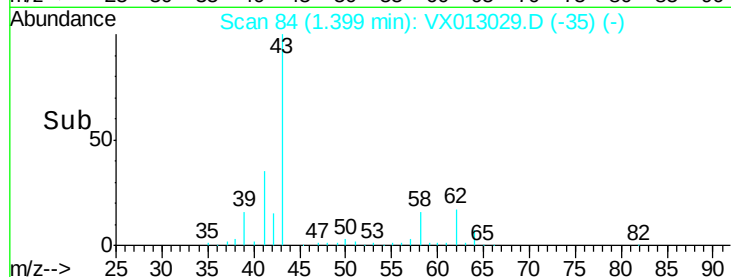
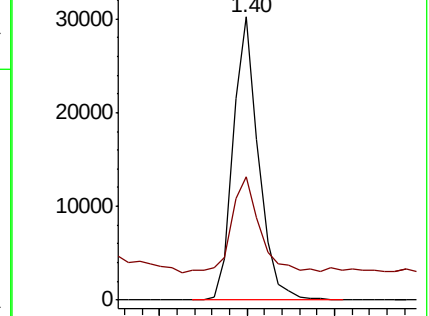
62 100

64 33.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#6

Chloroethane

Concen: 2.046 ug/l

RT: 1.78 min Scan# 146

Delta R.T. 0.07 min

Lab File: VX013029.D

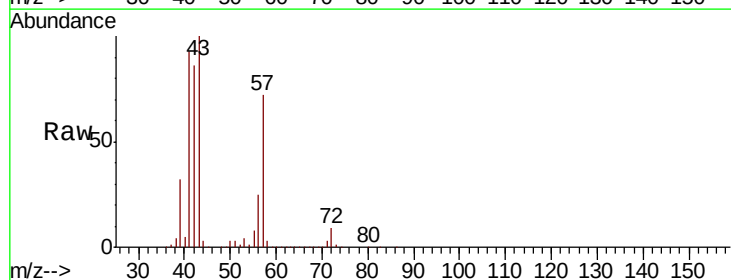
Acq: 11 Oct 2019 20:13

Tgt Ion: 64 Resp: 2004

Ion Ratio Lower Upper

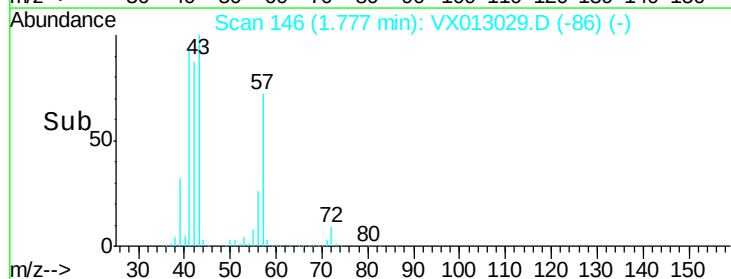
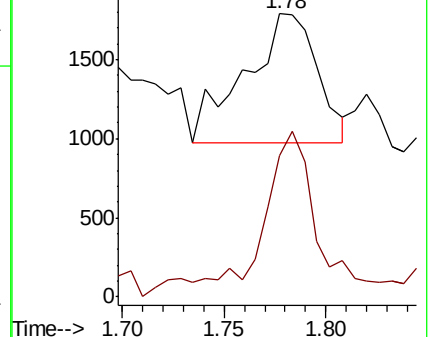
64 100

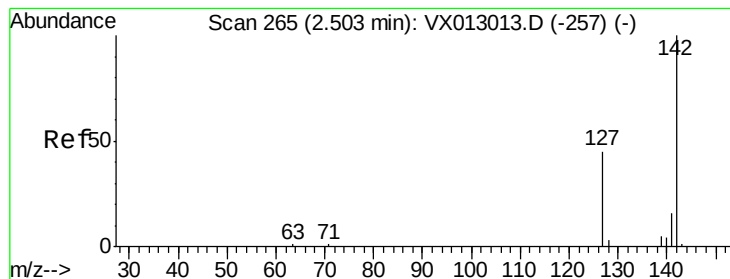
66 98.7 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#10

Methvl Iodide

Concen: 5.105 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202

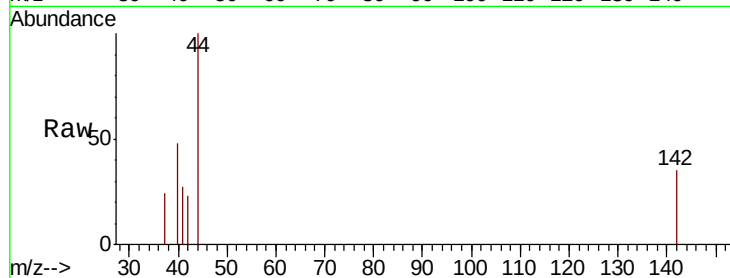
Tot Ion:142 Resp: 50

Ion Ratio Lower Upper

142 100

127 0.0 34.9 52.3#

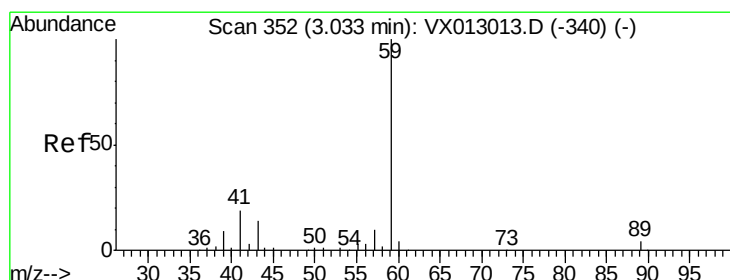
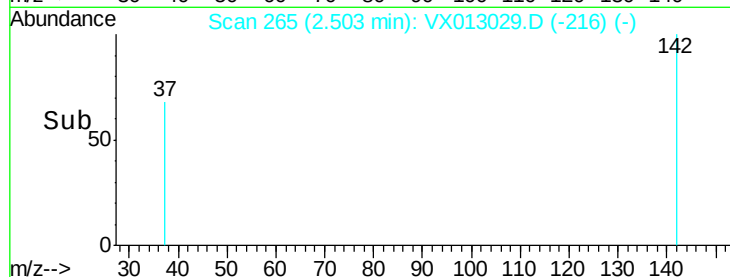
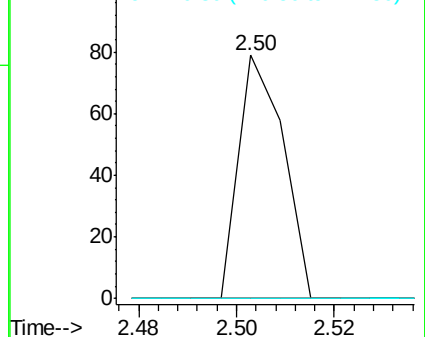
141 0.0 11.6 17.4#



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: 1.943 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX013029.D

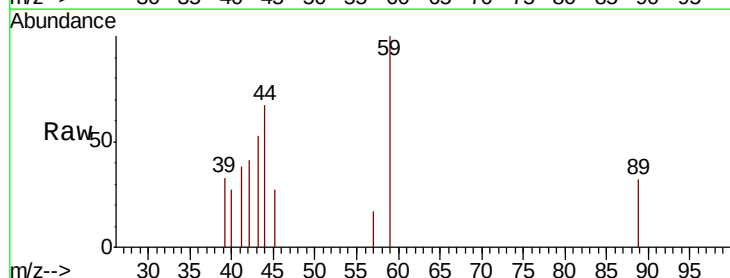
Acq: 11 Oct 2019 20:13

Tgt Ion: 59 Resp: 1091

Ion Ratio Lower Upper

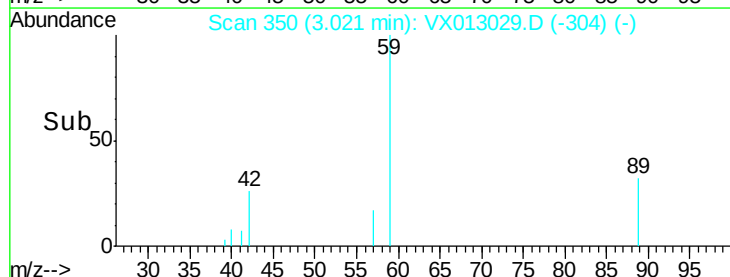
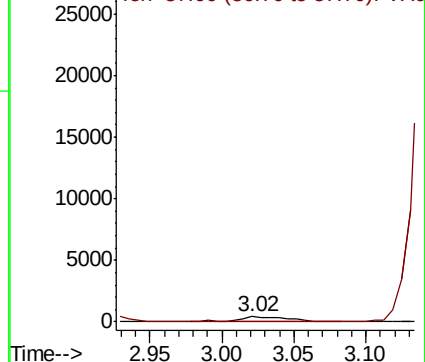
59 100

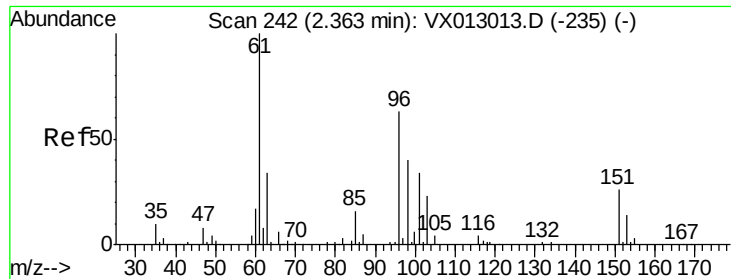
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

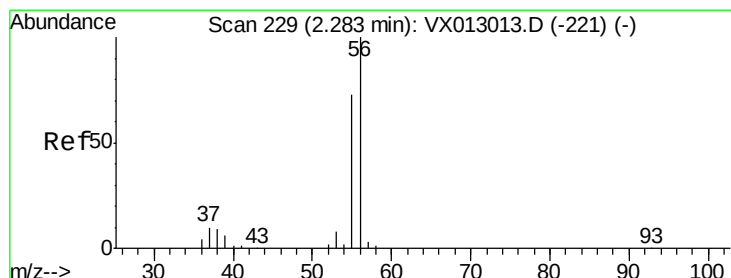
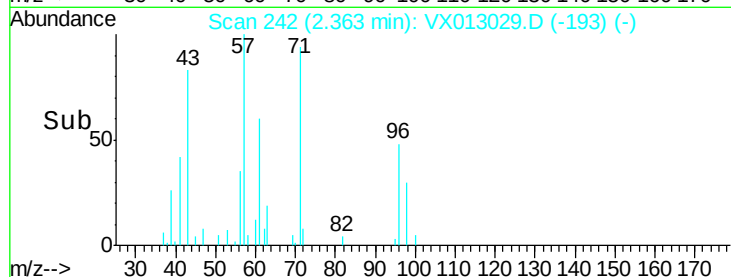
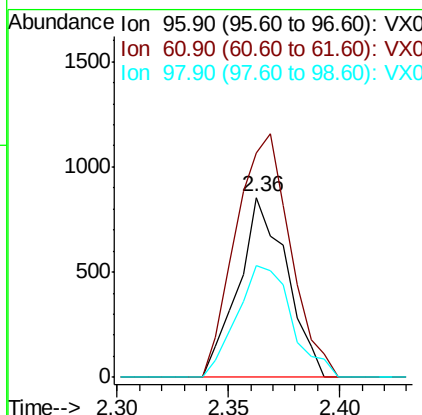
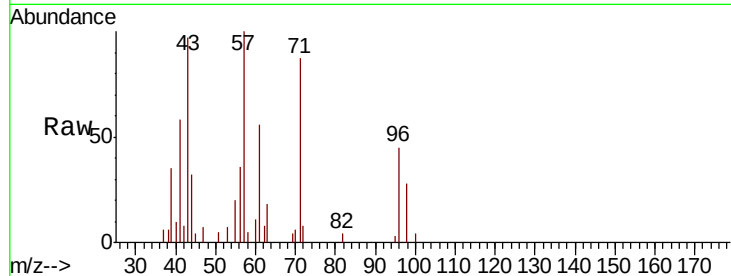




#12
 1,1-Dichloroethene
 Concen: 0.757 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

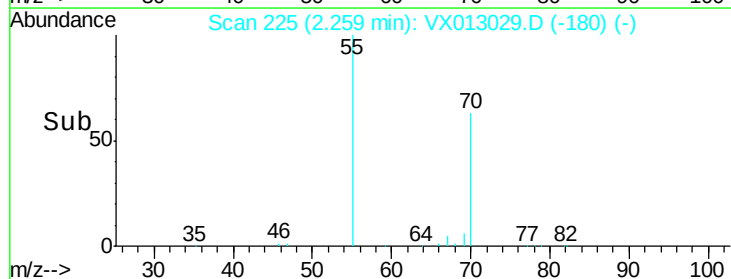
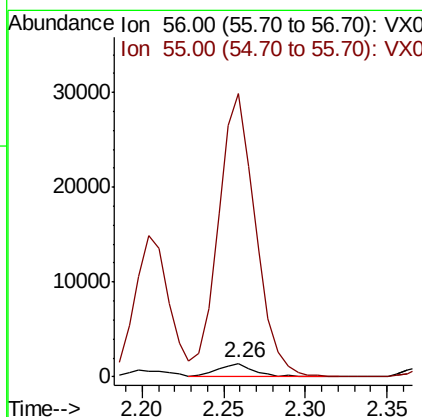
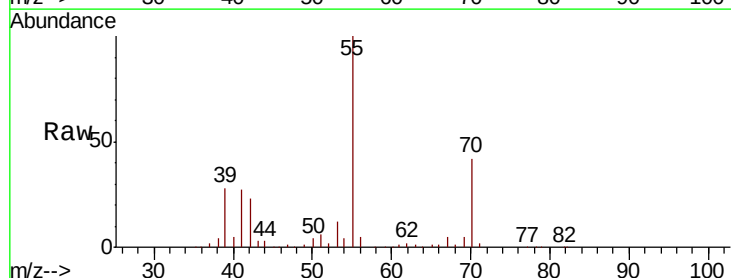
Instrument :
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 ClientSampled :
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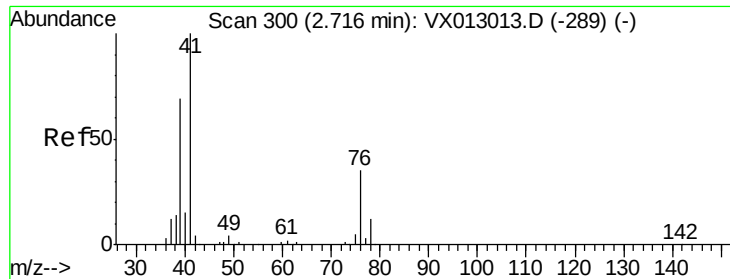
Tot Ion: 96 Resp: 1296
 Ion Ratio Lower Upper
 96 100
 61 124.6 132.2 198.4#
 98 62.2 50.5 75.7



#13
 Acrolein
 Concen: 5.536 ug/l
 RT: 2.26 min Scan# 225
 Delta R.T. -0.02 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

Tgt Ion: 56 Resp: 2209
 Ion Ratio Lower Upper
 56 100
 55 2134.2 56.6 85.0#

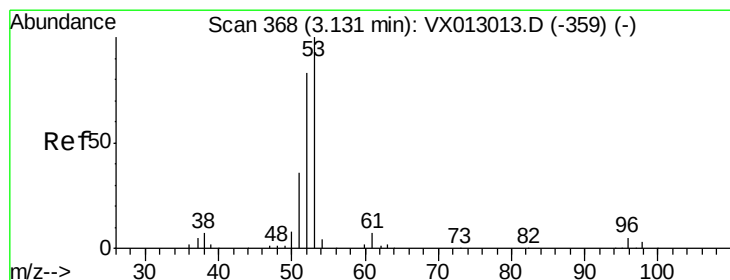
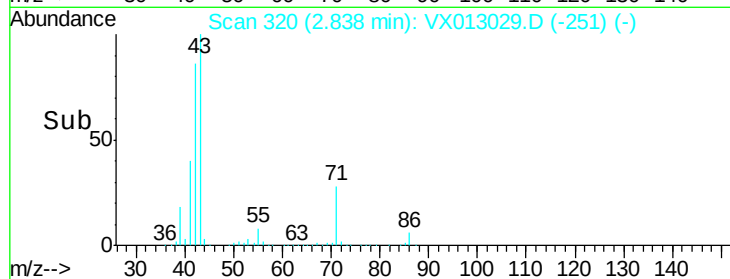
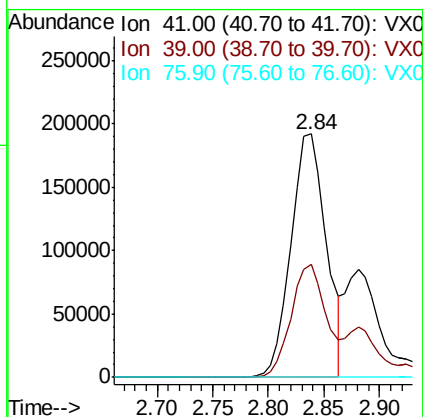
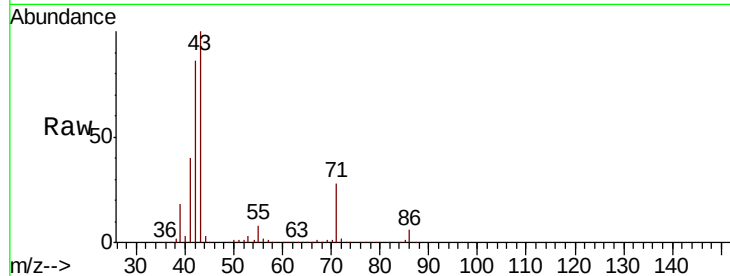




#14
 Allvl chloride
 Concen: 139.463 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.12 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

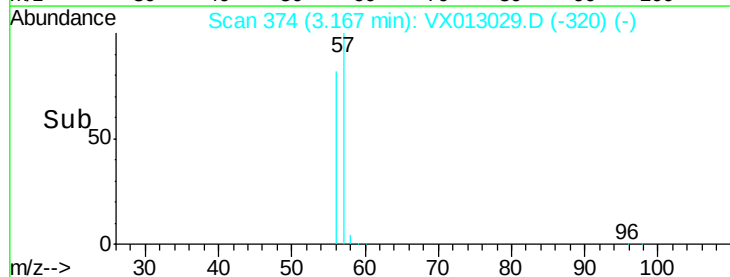
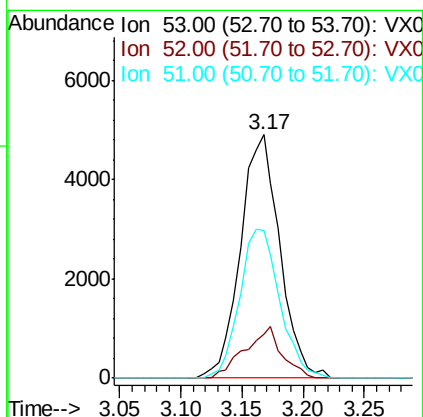
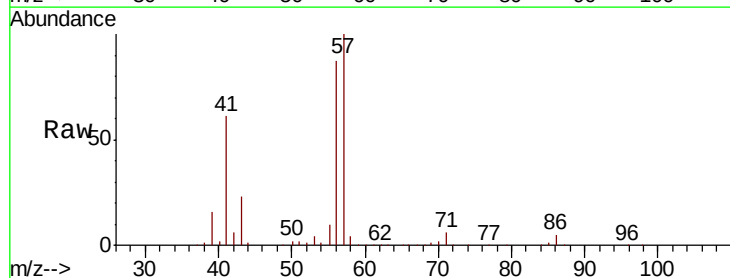
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202

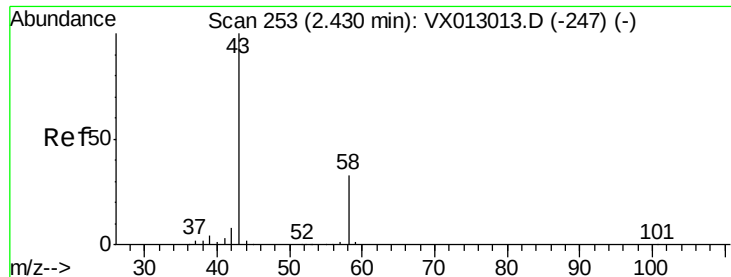
Tot Ion: 41 Resp: 425339
 Ion Ratio Lower Upper
 41 100
 39 46.0 51.0 76.6#
 76 0.0 26.2 39.4#



#15
 Acrylonitrile
 Concen: 10.288 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.03 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

Tgt Ion: 53 Resp: 10947
 Ion Ratio Lower Upper
 53 100
 52 19.9 66.2 99.2#
 51 62.5 28.2 42.4#





#16

Acetone

Concen: 4.786 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

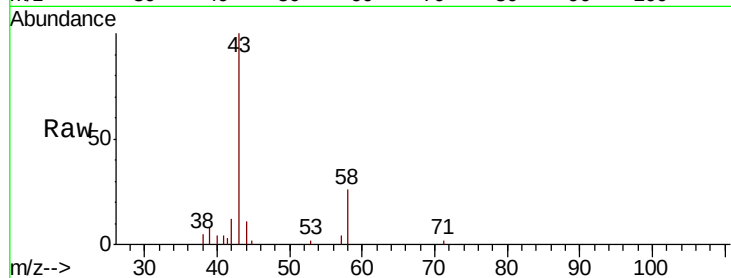
FA19-JMW3202

Tot Ion: 43 Resp: 5343

Ion Ratio Lower Upper

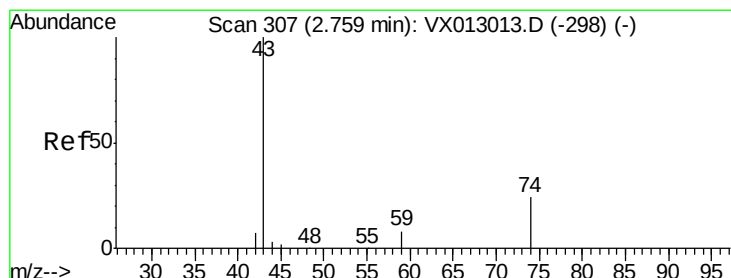
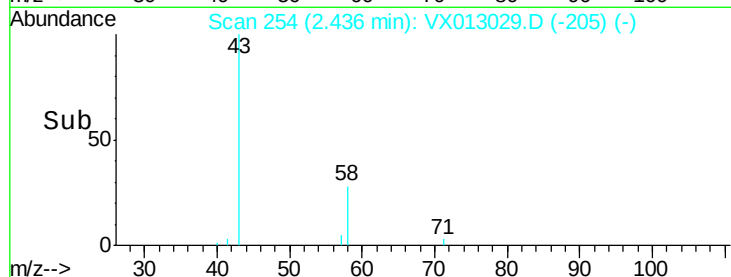
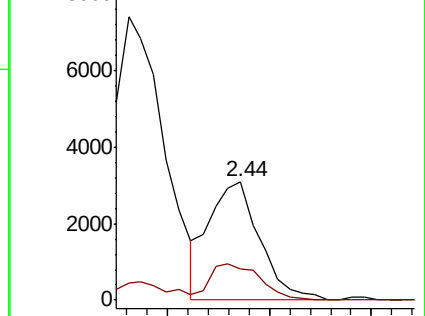
43 100

58 25.9 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 405.647 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.07 min

Lab File: VX013029.D

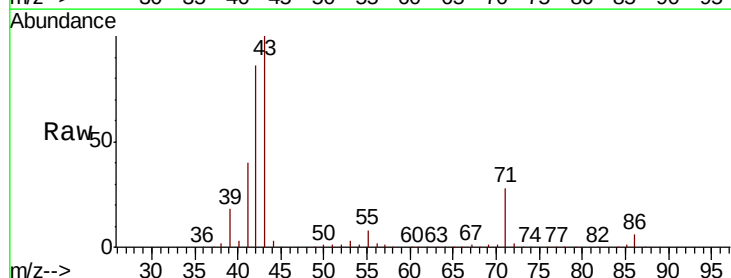
Acq: 11 Oct 2019 20:13

Tgt Ion: 43 Resp: 1073481

Ion Ratio Lower Upper

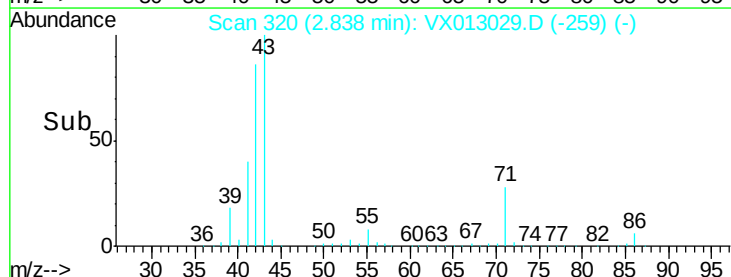
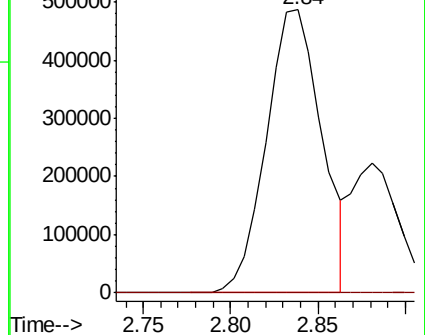
43 100

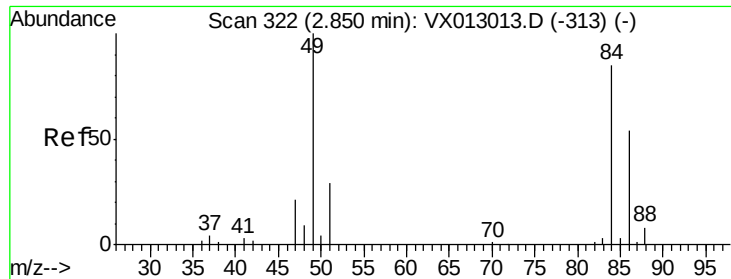
74 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

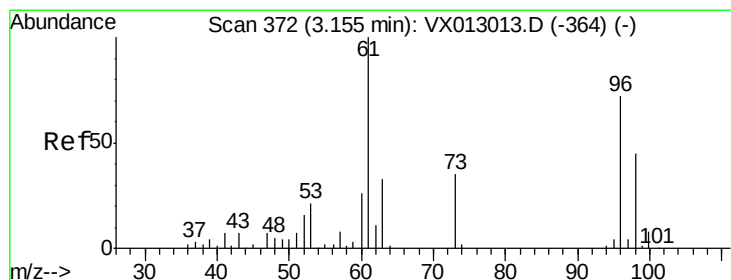
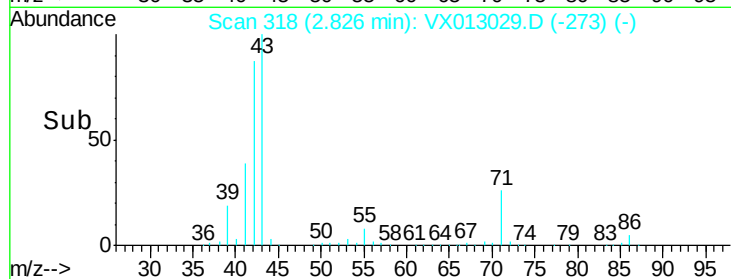
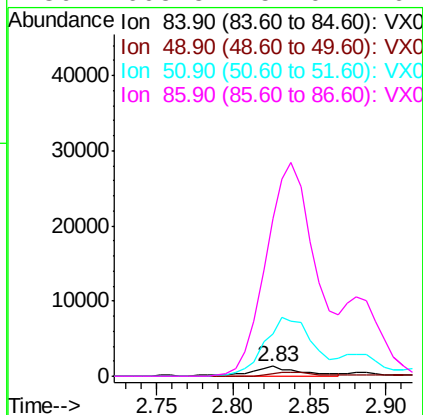
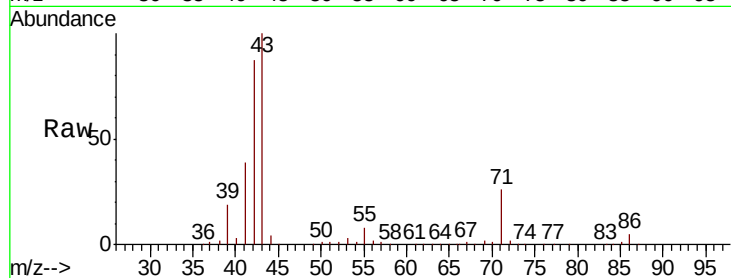




#20
Methylene Chloride
Concen: 1.434 ug/l
RT: 2.83 min Scan# 318
Delta R.T. -0.02 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

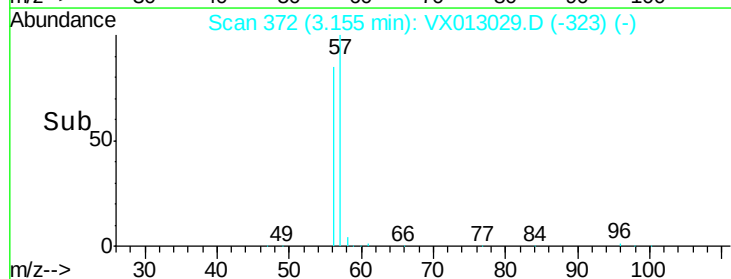
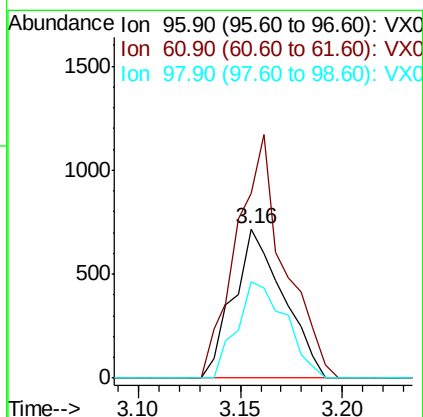
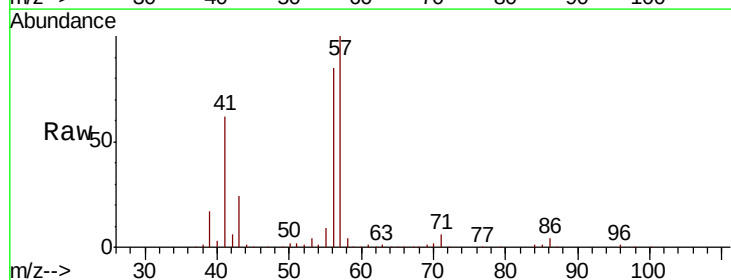
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202

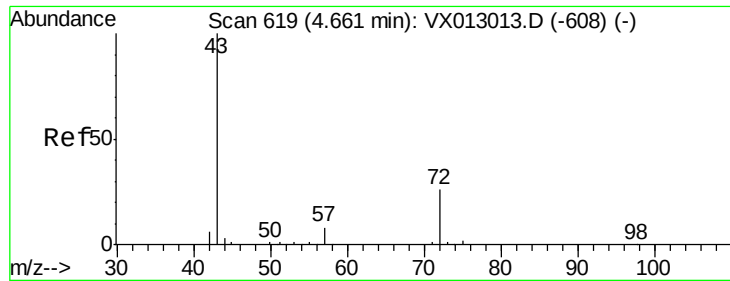
Tot Ion: 84 Resp: 2942
Ion Ratio Lower Upper
84 100
49 32.2 96.6 144.8#
51 434.7 30.7 46.1#
86 1605.5 51.0 76.6#



#21
trans-1,2-Dichloroethene
Concen: 0.665 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Tgt Ion: 96 Resp: 1221
Ion Ratio Lower Upper
96 100
61 124.3 110.4 165.6
98 64.9 51.5 77.3





#25

2-Butanone

Concen: 0.714 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampled :

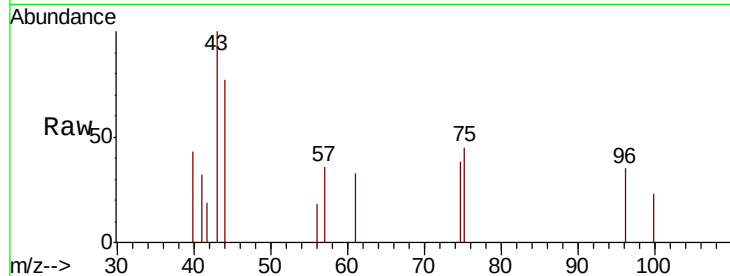
FA19-JMW3202

Tot Ion: 43 Resp: 1106

Ion Ratio Lower Upper

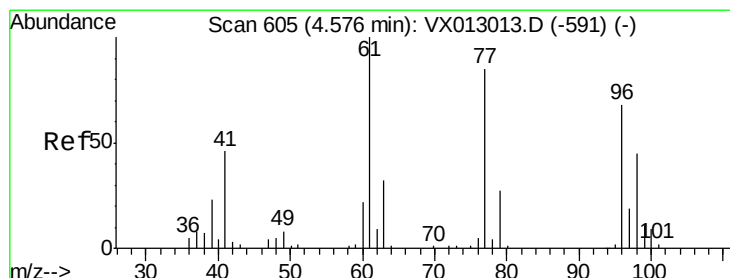
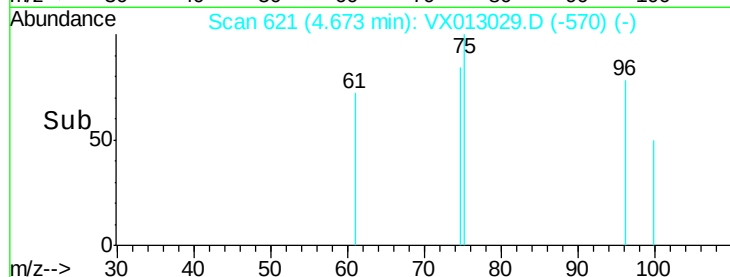
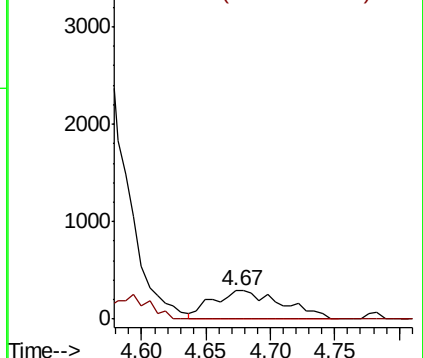
43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.214 ug/l

RT: 4.39 min Scan# 575

Delta R.T. -0.18 min

Lab File: VX013029.D

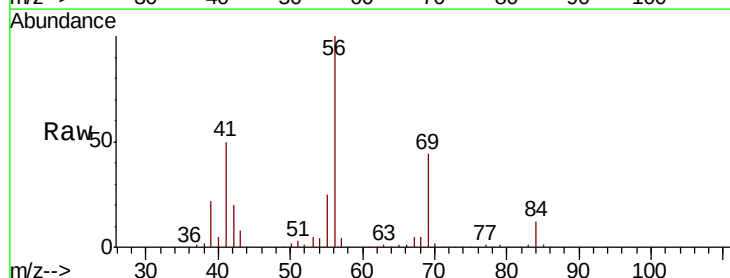
Acq: 11 Oct 2019 20:13

Tgt Ion: 77 Resp: 3355

Ion Ratio Lower Upper

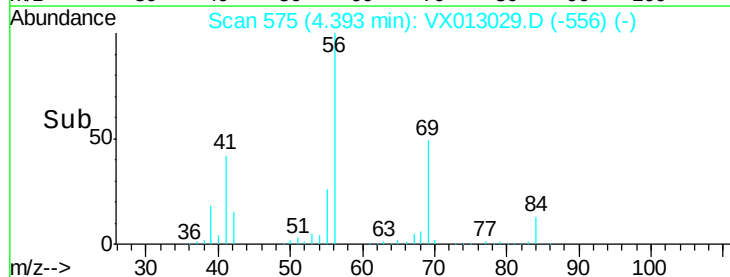
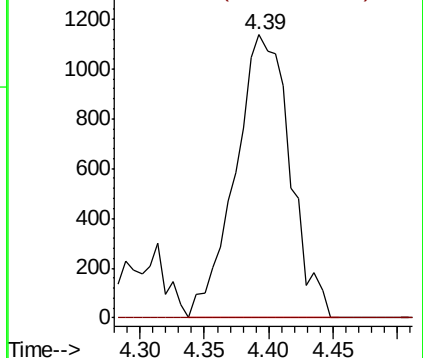
77 100

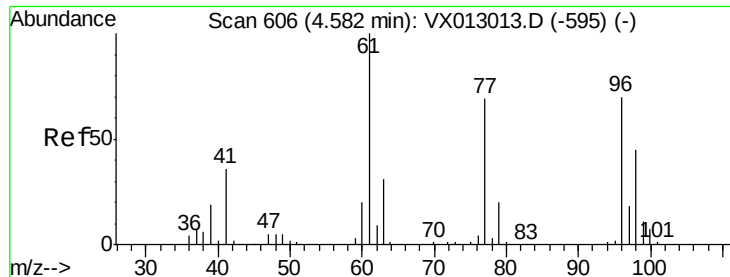
97 0.0 11.3 33.9#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



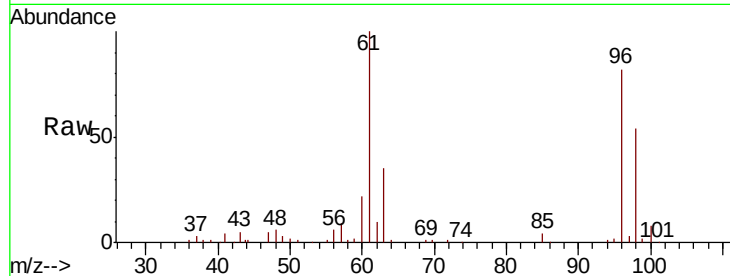


#27

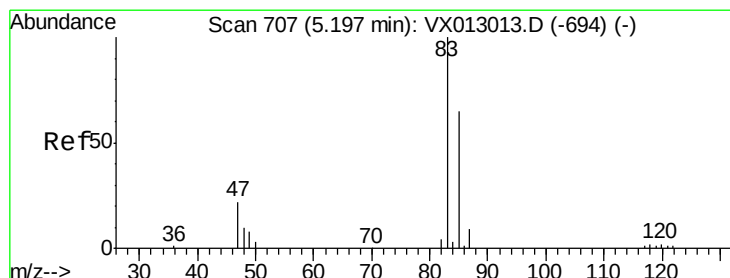
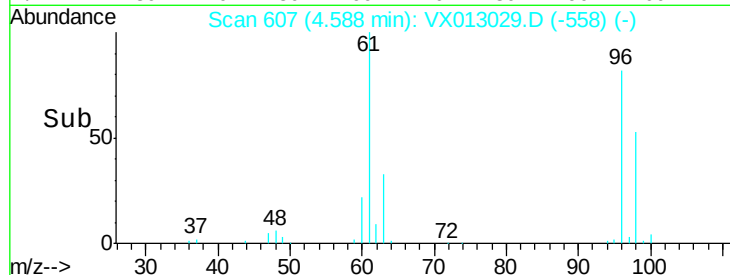
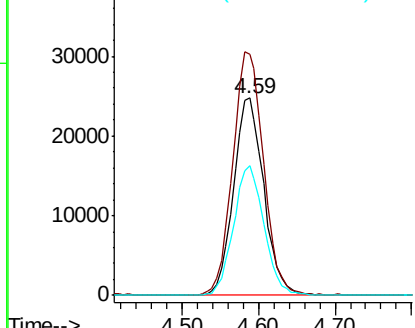
cis-1,2-Dichloroethene
 Concen: 32.046 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202

Tot Ion: 96 Resp: 67803
 Ion Ratio Lower Upper
 96 100
 61 125.7 0.0 290.6
 98 66.0 0.0 128.8



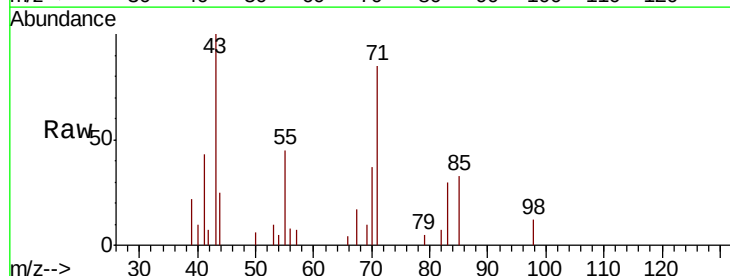
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



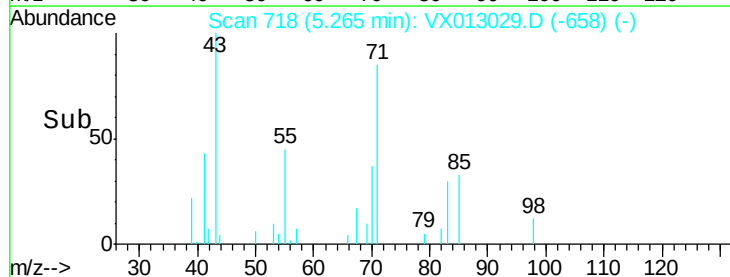
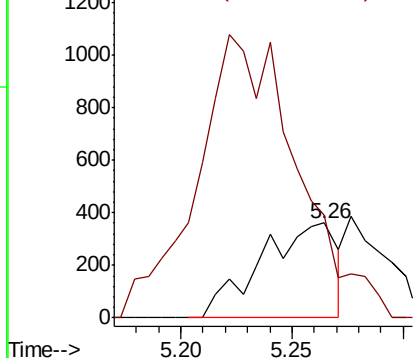
#30

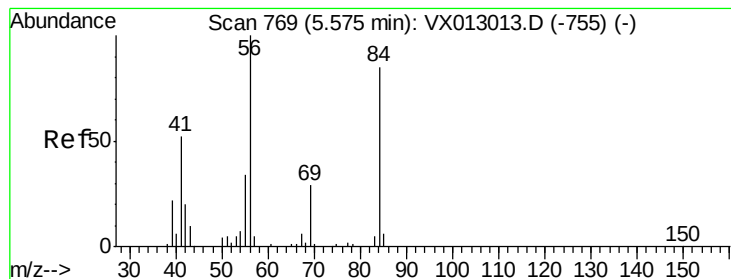
Chloroform
 Concen: 0.254 ug/l
 RT: 5.26 min Scan# 718
 Delta R.T. 0.07 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

Tgt Ion: 83 Resp: 858
 Ion Ratio Lower Upper
 83 100
 85 66.1 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: 124.276 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202

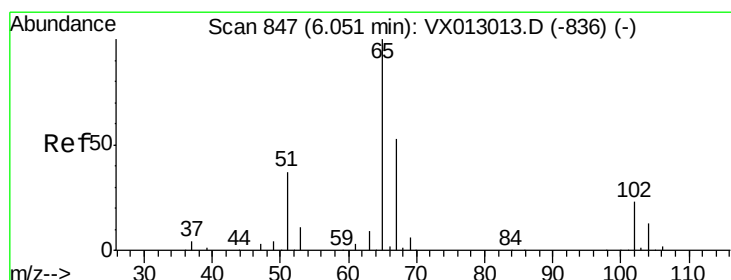
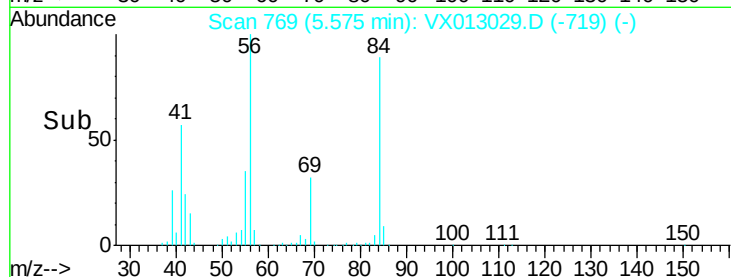
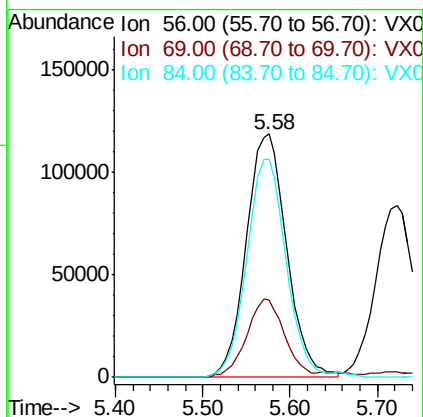
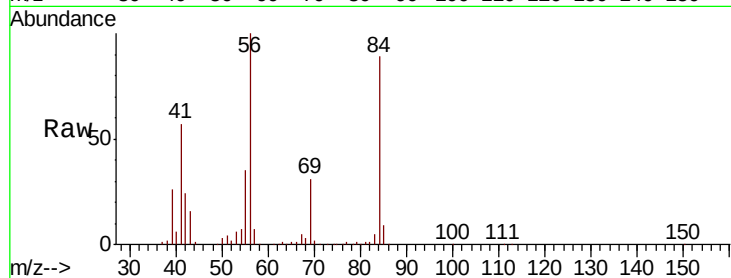
Tot Ion: 56 Resp: 382057

Ion Ratio Lower Upper

56 100

69 31.4 25.2 37.8

84 89.4 71.3 106.9



#33

1,2-Dichloroethane-d4

Concen: 49.121 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX013029.D

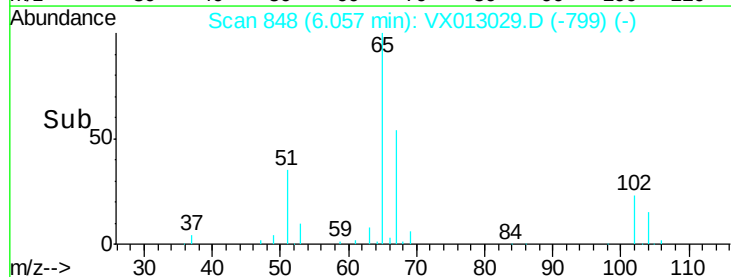
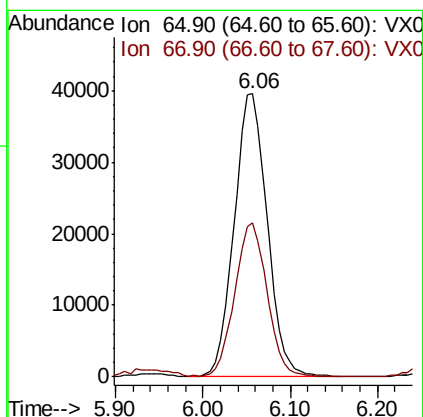
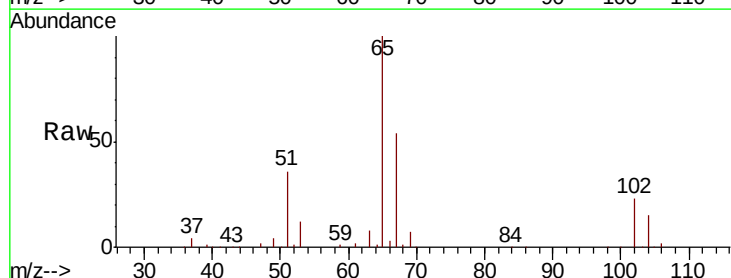
Acq: 11 Oct 2019 20:13

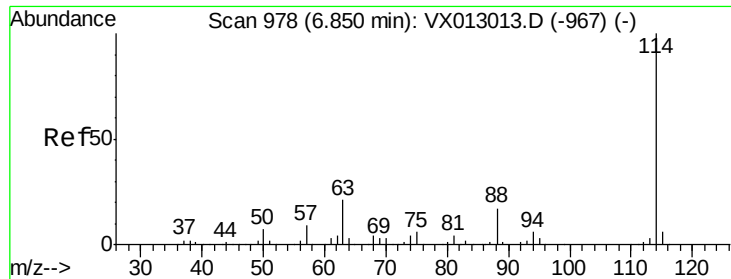
Tgt Ion: 65 Resp: 104046

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.4

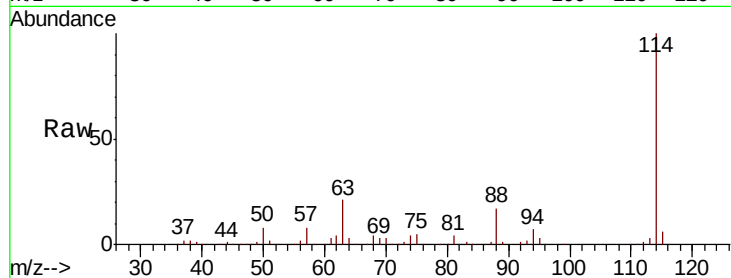




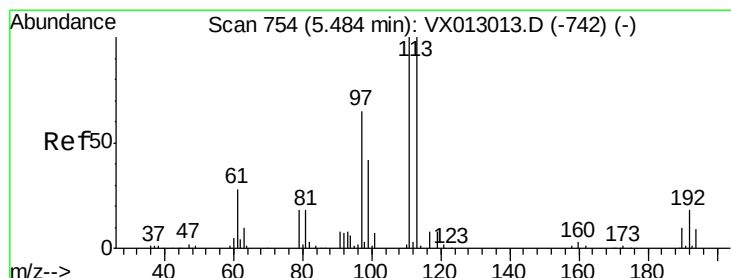
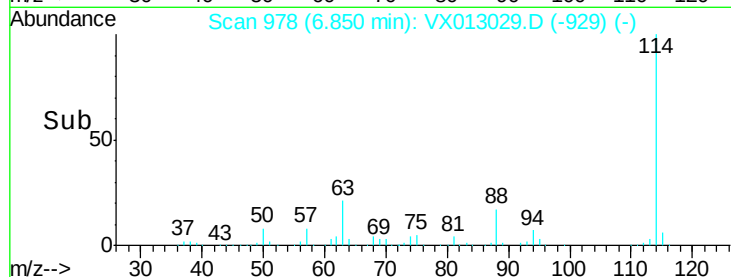
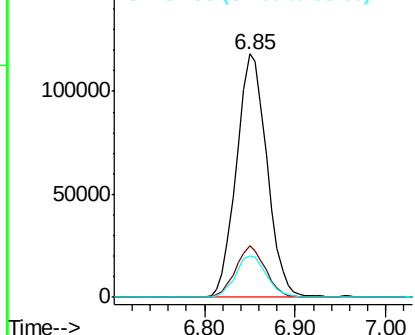
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202

Tot Ion:114 Resp: 276895
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 17.0 0.0 33.8

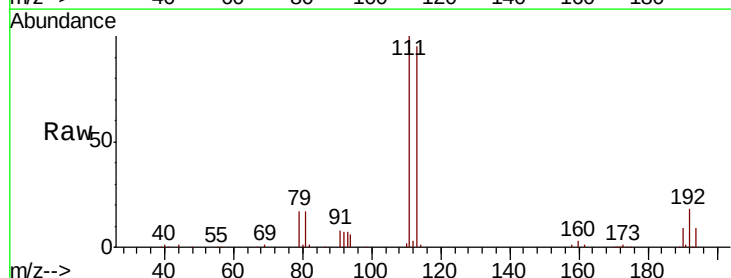


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

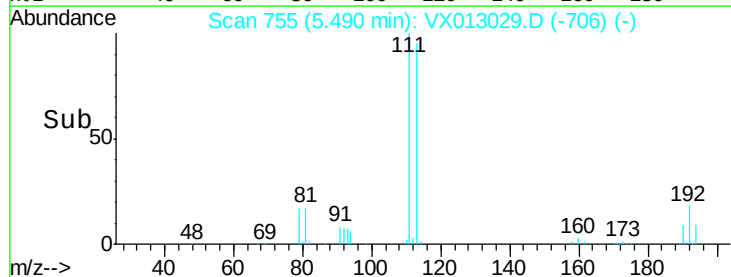
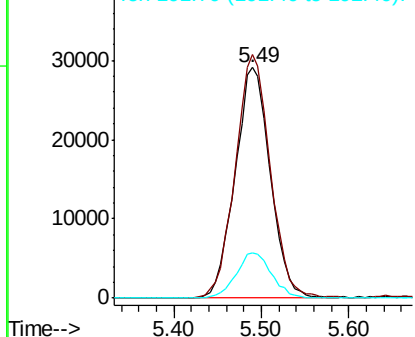


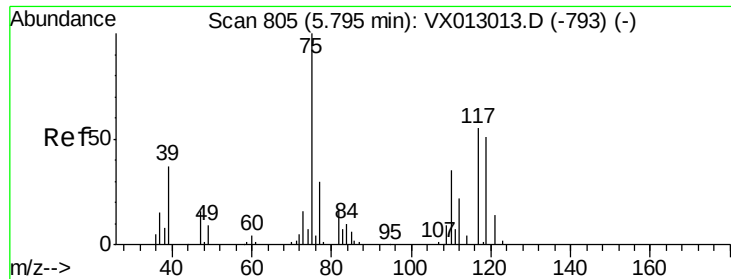
#35
 Dibromofluoromethane
 Concen: 51.175 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

Tgt Ion:113 Resp: 81329
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.2 124.8
 192 19.6 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

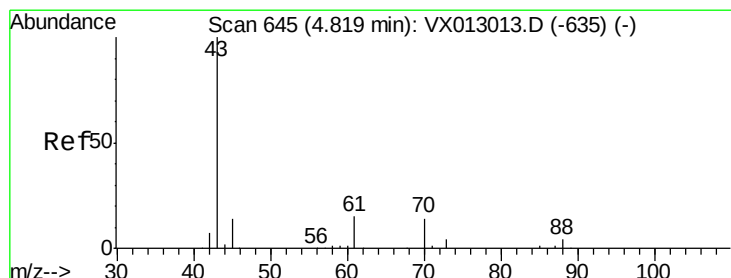
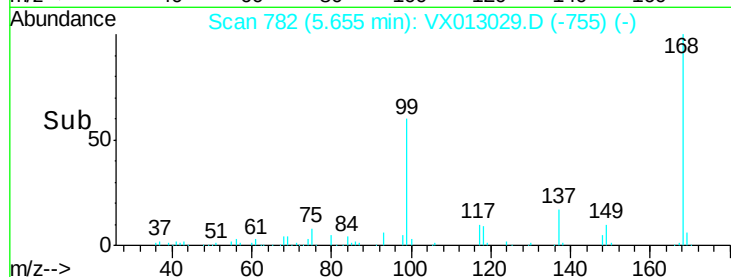
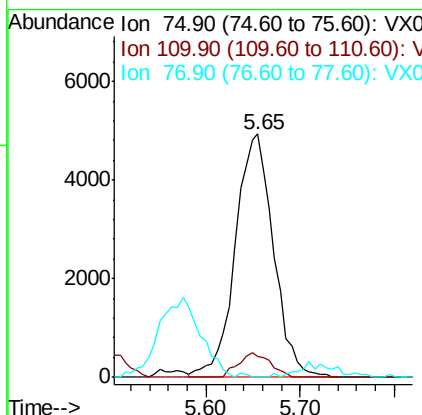
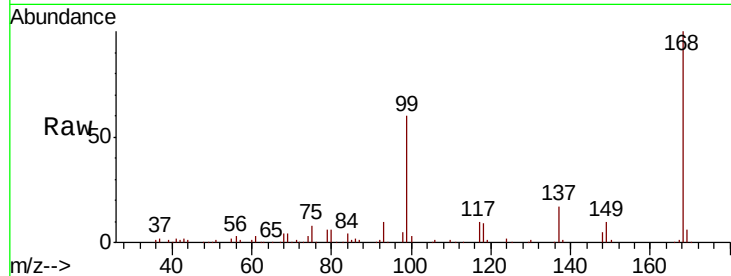




#36
 1,1-Dichloropropene
 Concen: 5.725 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

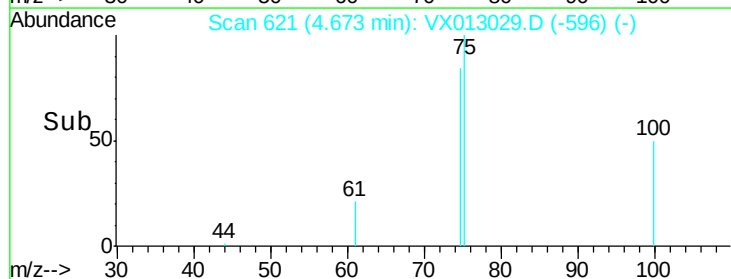
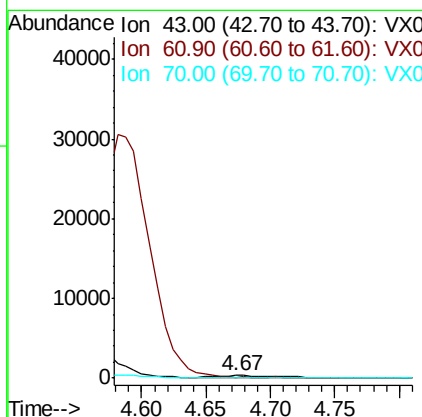
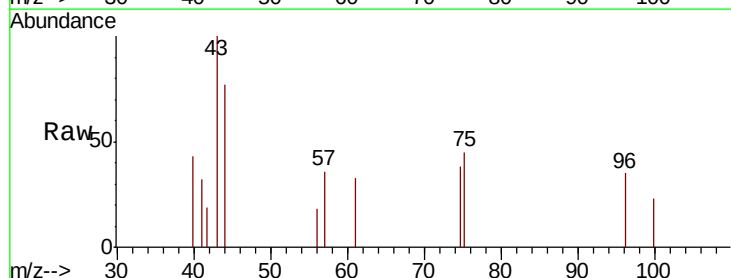
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202

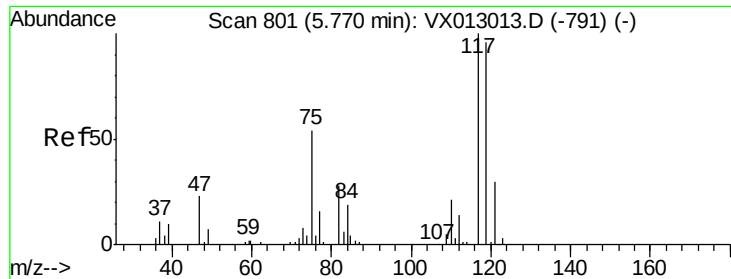
Tot Ion: 75 Resp: 13938
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.6 52.9#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 0.406 ug/l
 RT: 4.67 min Scan# 621
 Delta R.T. -0.15 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

Tgt Ion: 43 Resp: 1106
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.0#
 70 0.0 9.8 14.6#

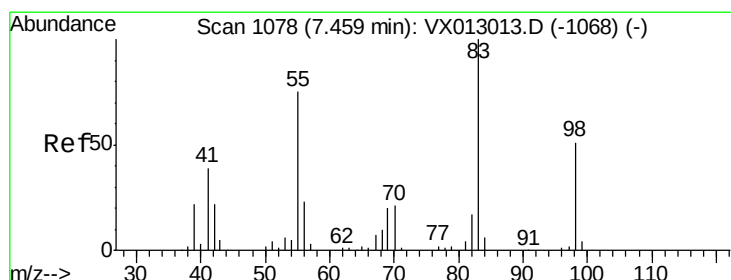
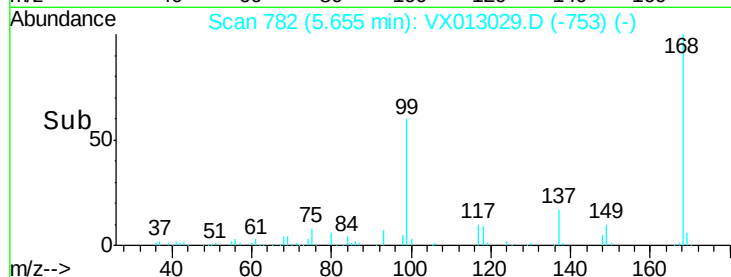
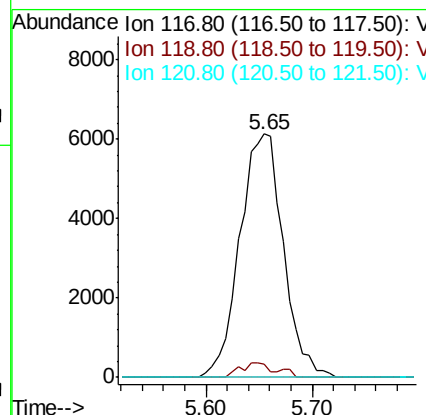
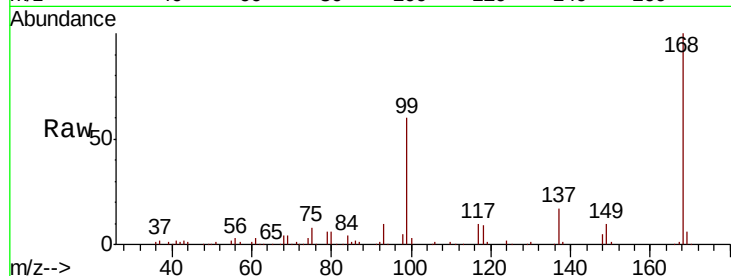




#38
Carbon Tetrachloride
Concen: 7.385 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

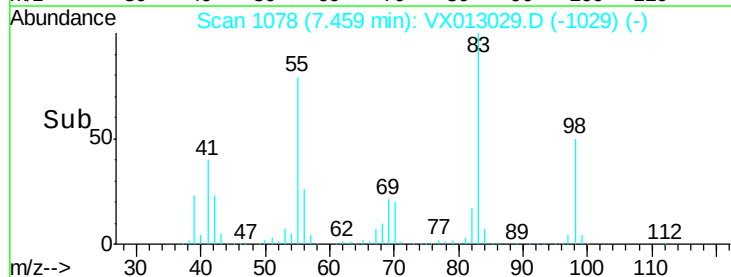
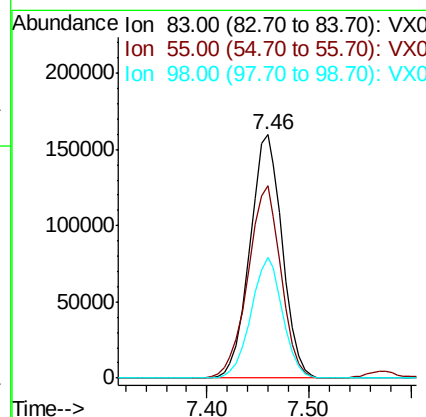
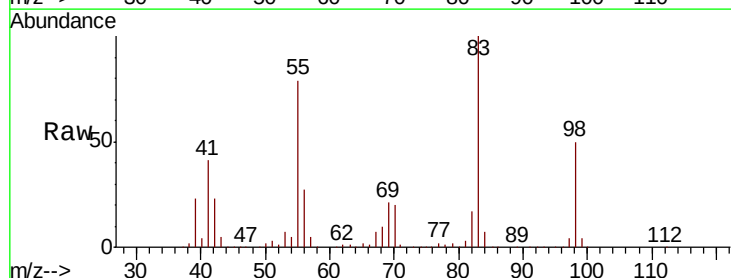
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202

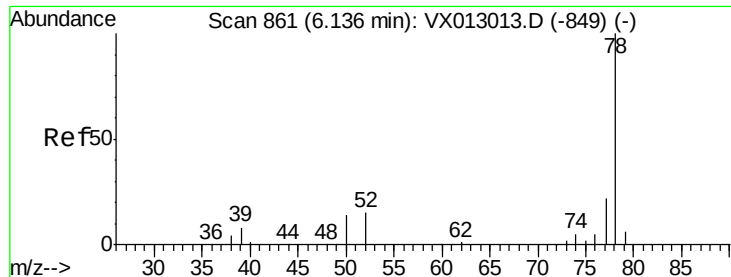
Tot Ion:117 Resp: 17499
Ion Ratio Lower Upper
117 100
119 5.5 74.5 111.7#
121 0.0 24.2 36.4#



#39
Methylcyclohexane
Concen: 119.387 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Tgt Ion: 83 Resp: 352473
Ion Ratio Lower Upper
83 100
55 78.8 60.2 90.4
98 49.8 38.5 57.7





#40

Benzene

Concen: 35.408 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

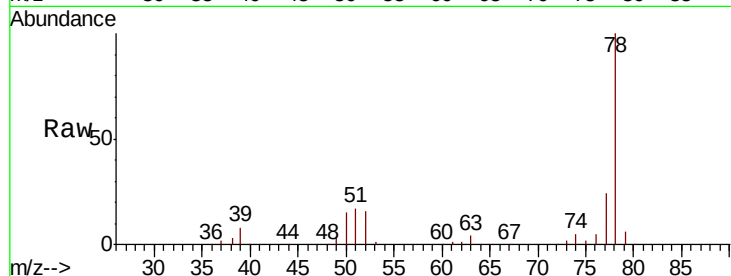
FA19-JMW3202

Tot Ion: 78 Resp: 254592

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

100000

80000

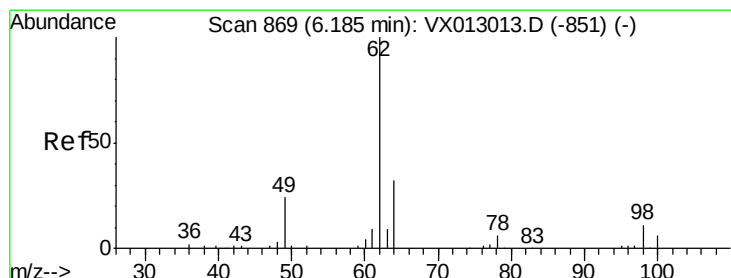
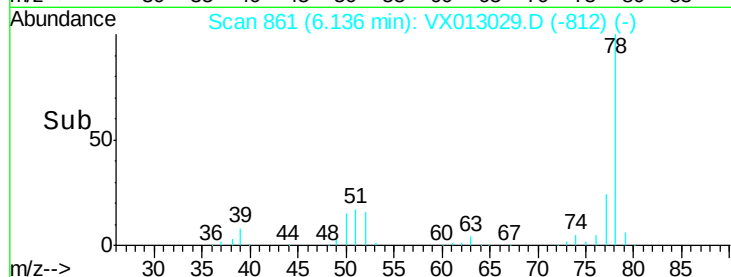
60000

40000

20000

0

Time-->



#42

1,2-Dichloroethane

Concen: 0.973 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.05 min

Lab File: VX013029.D

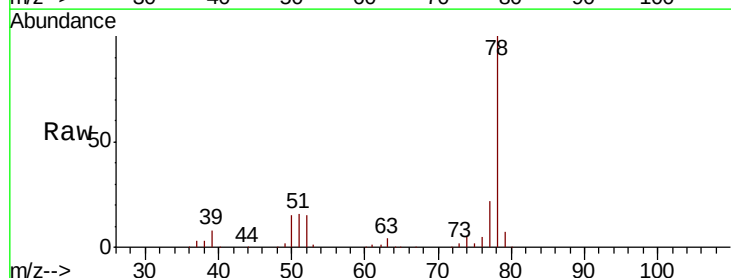
Acq: 11 Oct 2019 20:13

Tgt Ion: 62 Resp: 2511

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

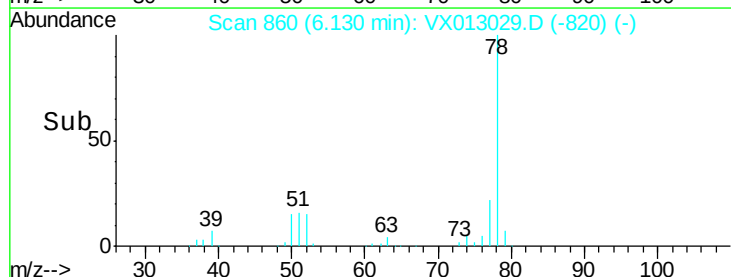
3000

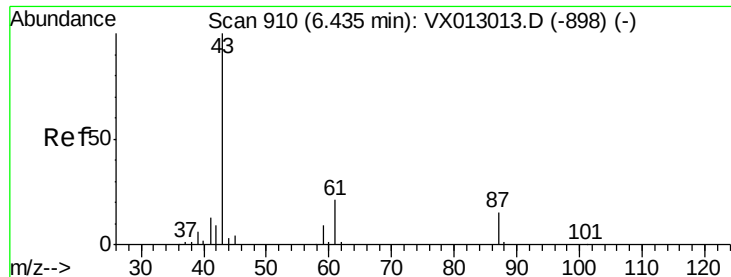
2000

1000

0

Time-->





#43

Isopropyl Acetate

Concen: 69.653 ug/l

RT: 6.34 min Scan# 895

Delta R.T. -0.09 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202

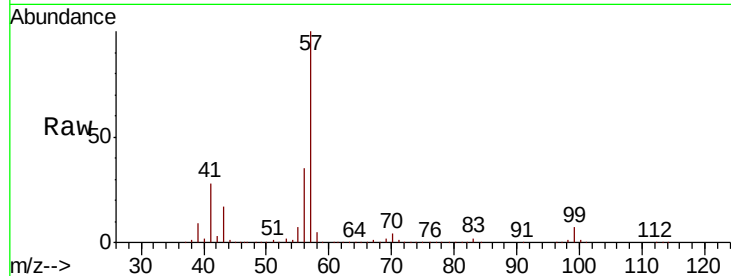
Tot Ion: 43 Resp: 304329

Ion Ratio Lower Upper

43 100

61 0.1 16.6 24.8#

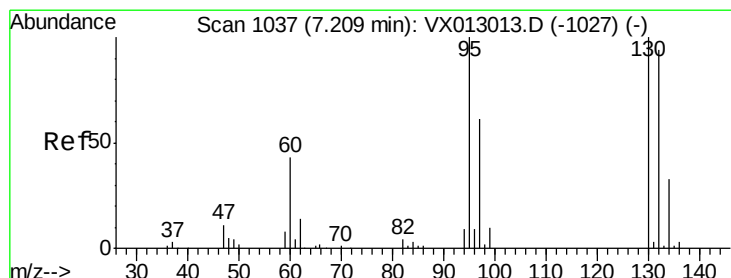
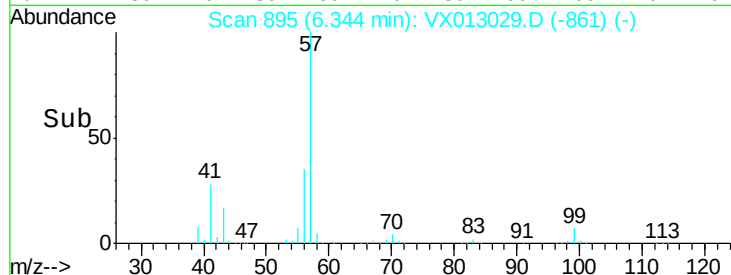
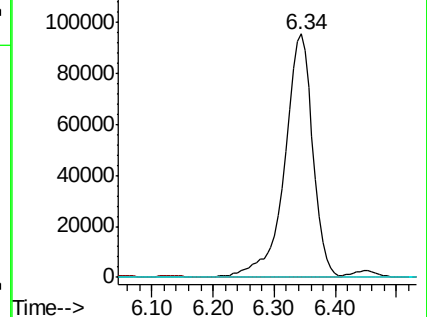
87 0.0 11.0 16.6#



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: 1.177 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX013029.D

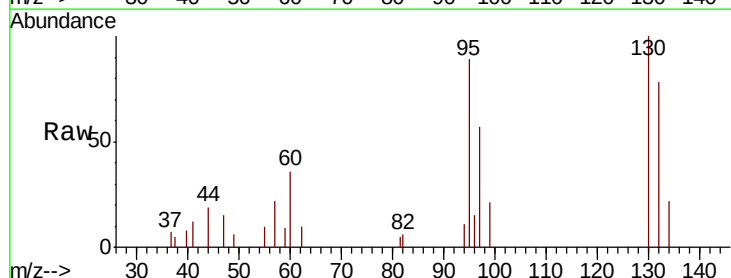
Acq: 11 Oct 2019 20:13

Tgt Ion:130 Resp: 2347

Ion Ratio Lower Upper

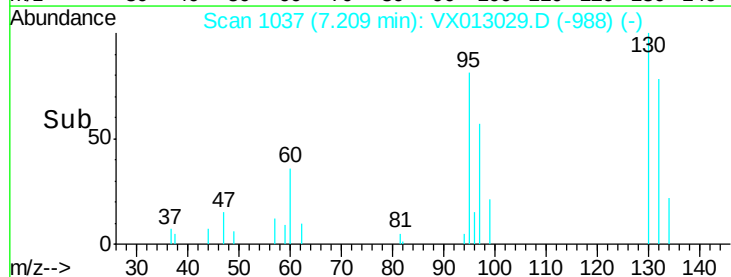
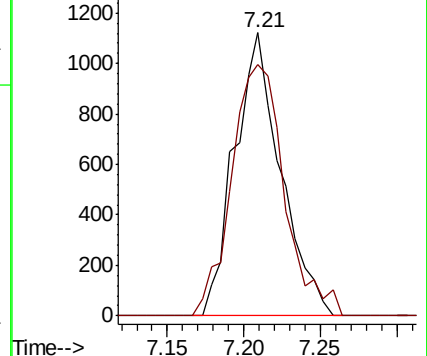
130 100

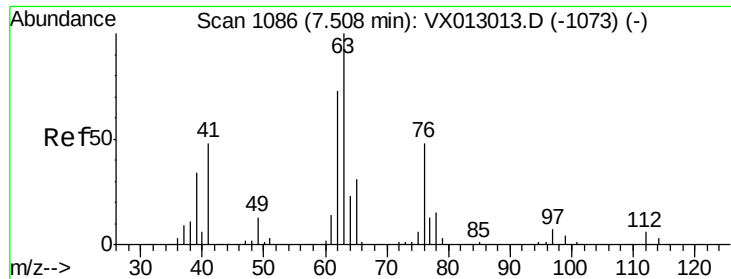
95 88.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

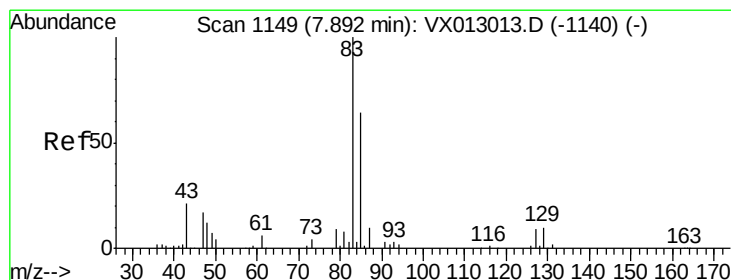
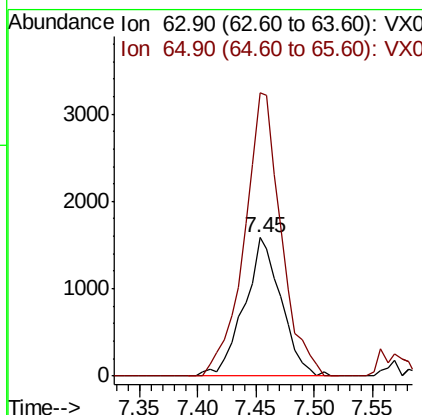
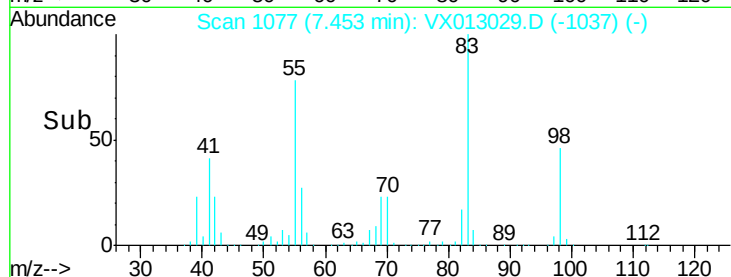
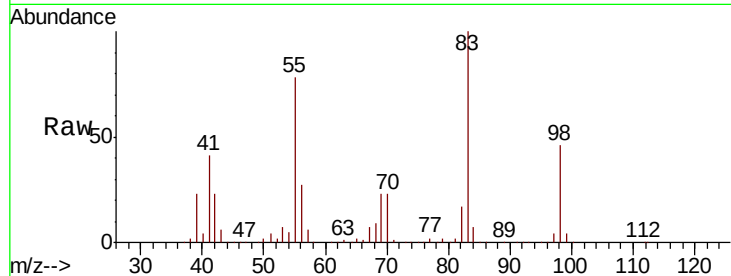




#45
 1,2-Dichloropropane
 Concen: 1.920 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.05 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

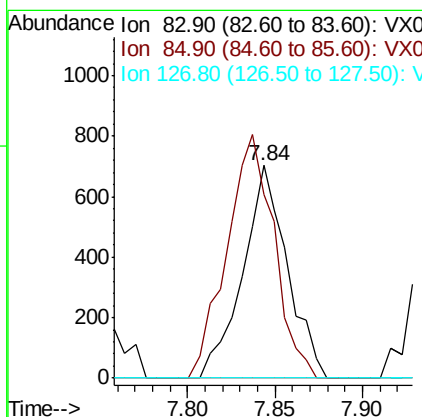
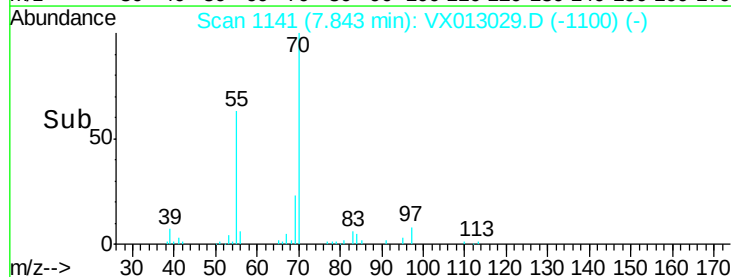
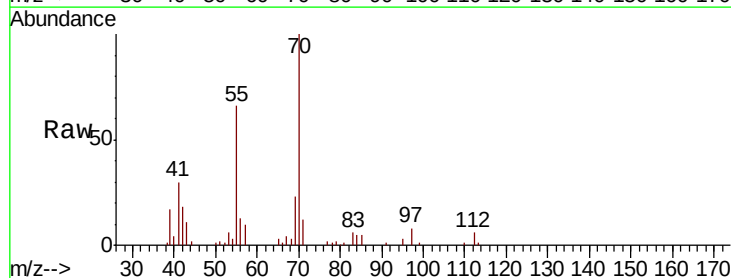
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202

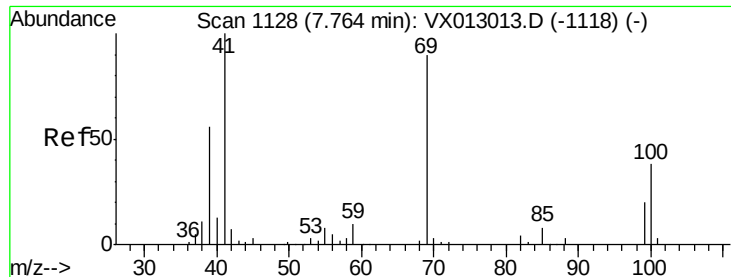
Tot Ion: 63 Resp: 3518
 Ion Ratio Lower Upper
 63 100
 65 204.2 24.6 37.0#



#47
 Bromodichloromethane
 Concen: 0.520 ug/l
 RT: 7.84 min Scan# 1141
 Delta R.T. -0.05 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

Tgt Ion: 83 Resp: 1239
 Ion Ratio Lower Upper
 83 100
 85 86.3 52.4 78.6#
 127 0.0 6.6 10.0#

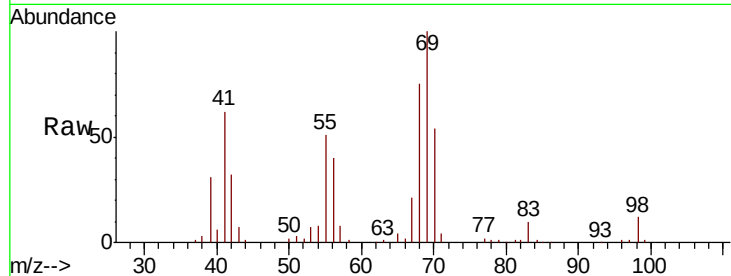




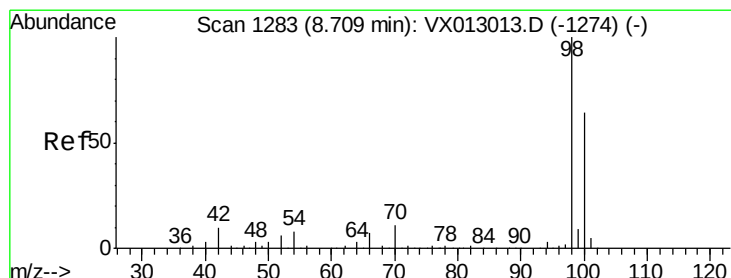
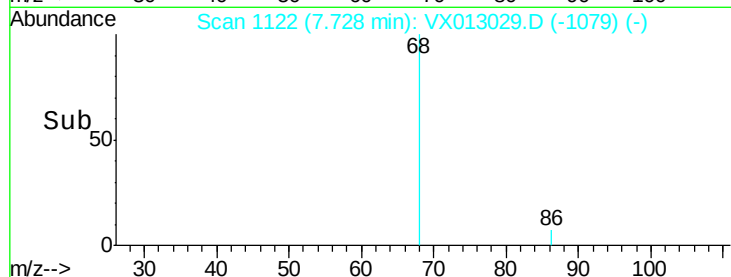
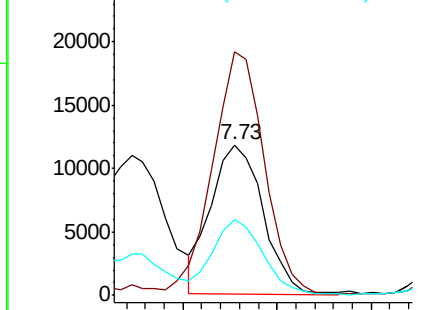
#48
Methvl methacrylate
Concen: 10.649 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202

Tot Ion: 41 Resp: 22674
Ion Ratio Lower Upper
41 100
69 161.6 68.7 103.1#
39 49.3 44.3 66.5

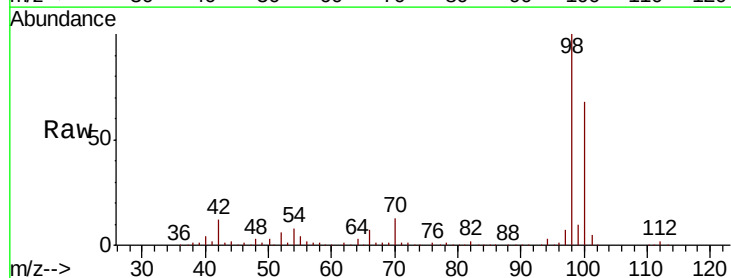


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

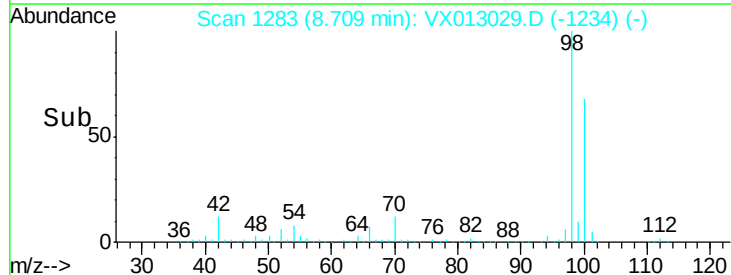
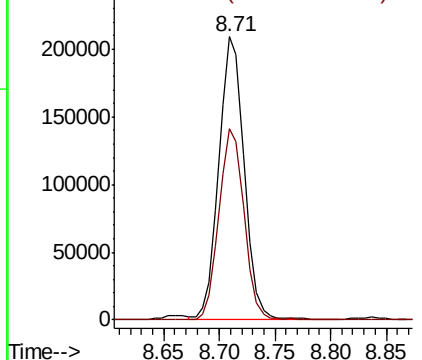


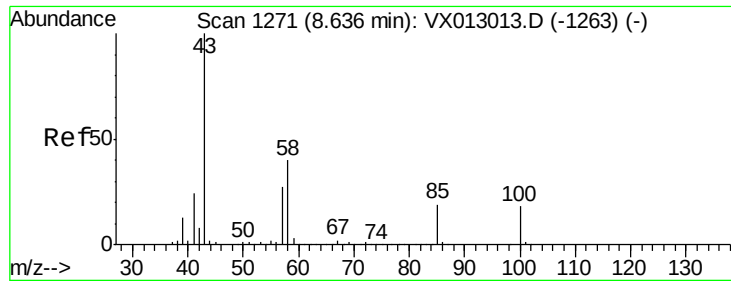
#50
Toluene-d8
Concen: 52.817 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Tgt Ion: 98 Resp: 327382
Ion Ratio Lower Upper
98 100
100 67.6 53.4 80.2



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

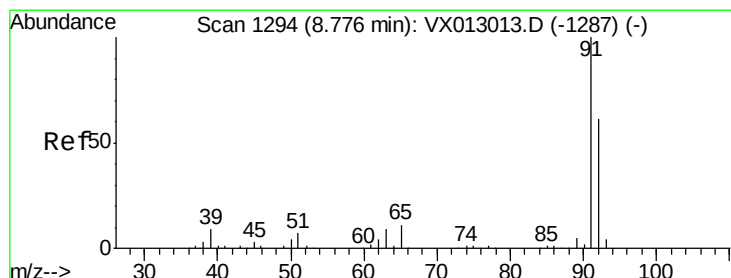
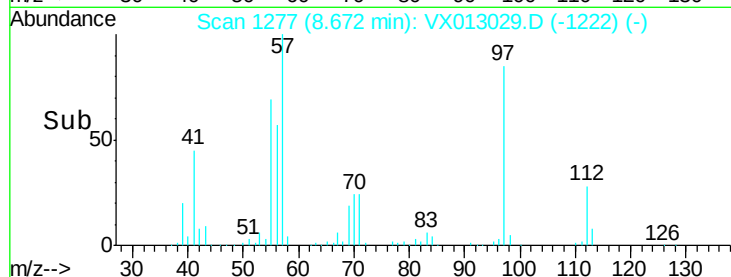
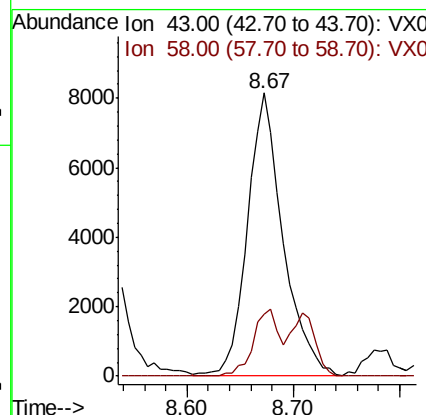
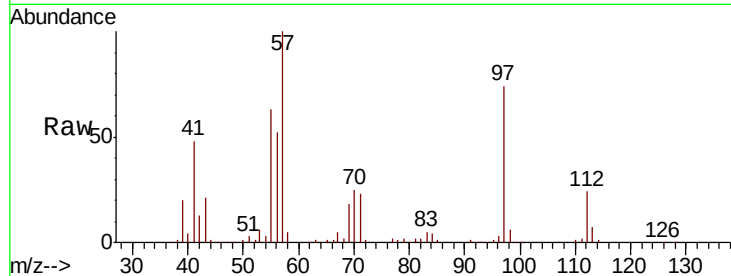




#51
4-Methyl-2-Pentanone
Concen: 7.031 ug/l
RT: 8.67 min Scan# 1277
Delta R.T. 0.04 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

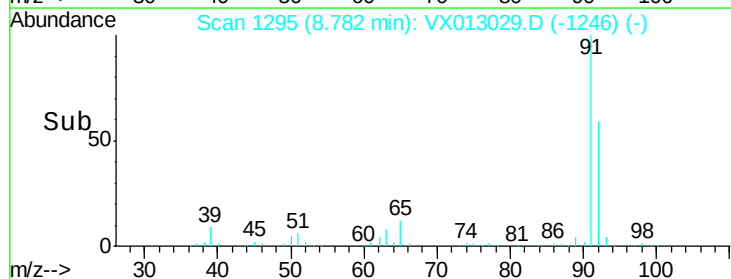
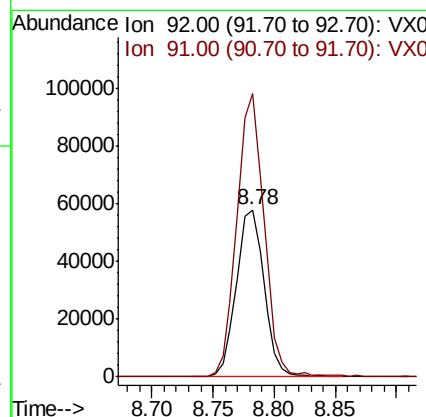
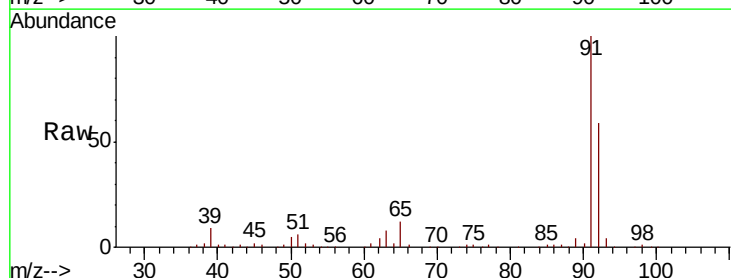
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202

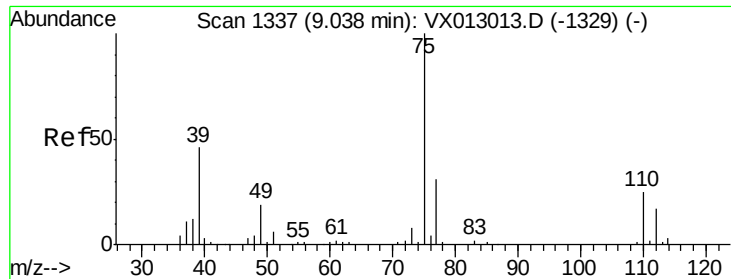
Tot Ion: 43 Resp: 19153
Ion Ratio Lower Upper
43 100
58 17.2 32.4 48.6#



#52
Toluene
Concen: 19.874 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Tgt Ion: 92 Resp: 91421
Ion Ratio Lower Upper
92 100
91 166.4 135.9 203.9

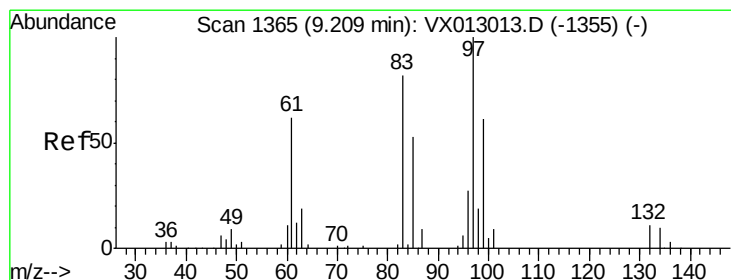
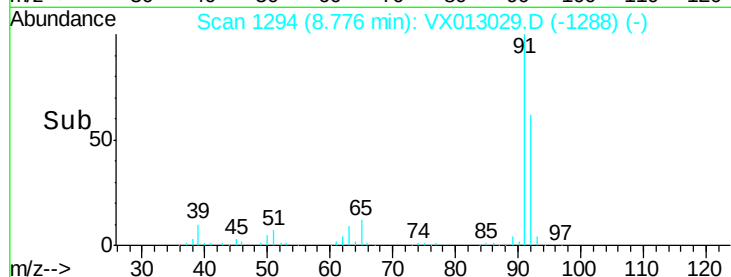
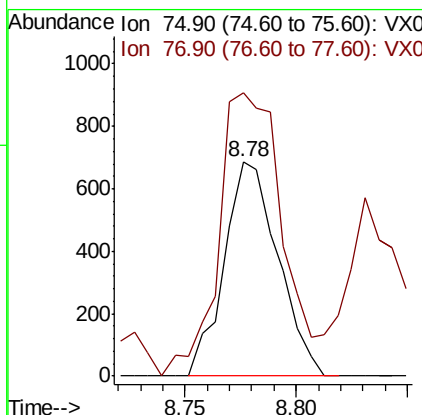
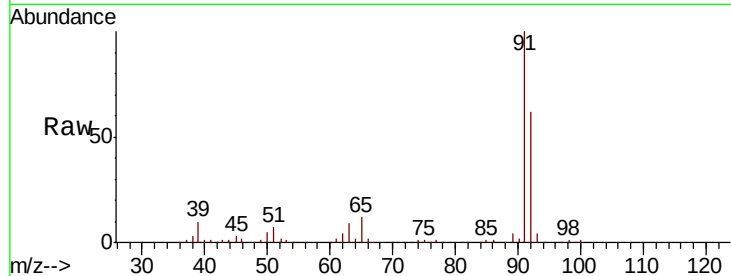




#53
t-1,3-Dichloropropene
Concen: 2.539 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.26 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

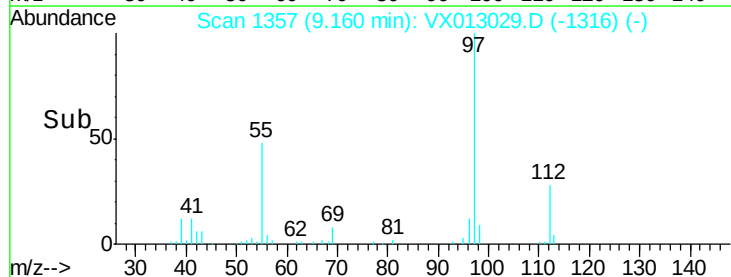
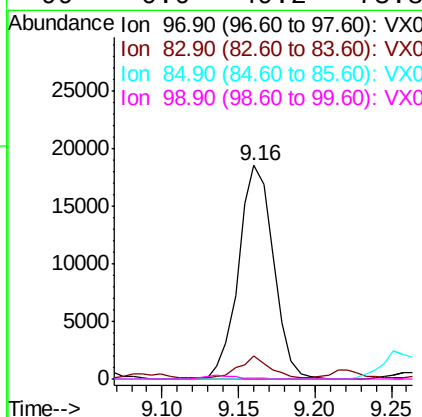
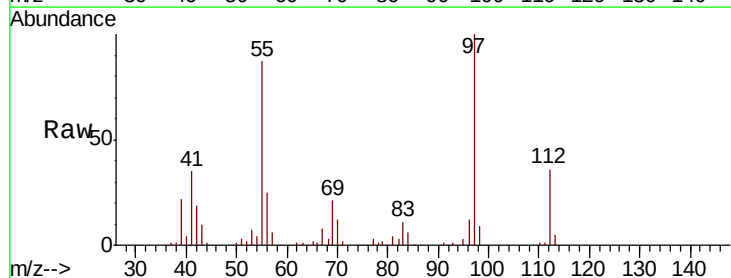
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202

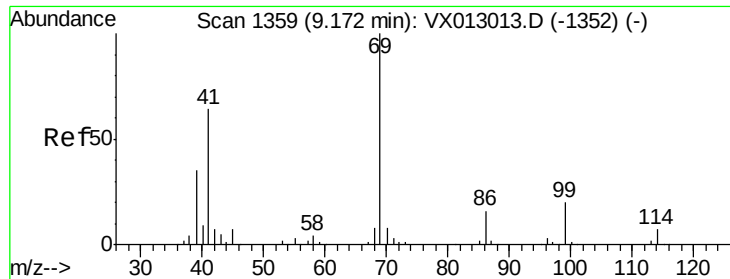
Tot Ion: 75 Resp: 1152
Ion Ratio Lower Upper
75 100
77 122.7 25.8 38.6#



#55
1,1,2-Trichloroethane
Concen: 16.098 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Tgt Ion: 97 Resp: 29306
Ion Ratio Lower Upper
97 100
83 9.9 66.5 99.7#
85 0.5 43.1 64.7#
99 0.0 49.2 73.8#

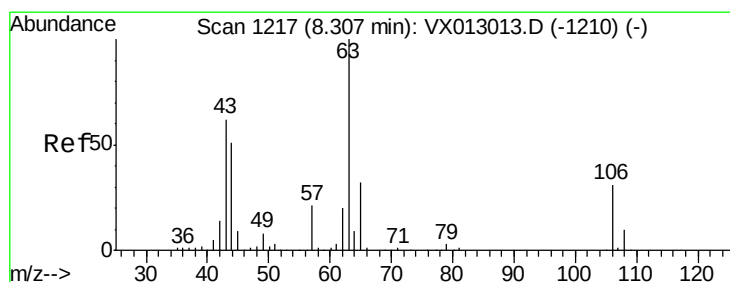
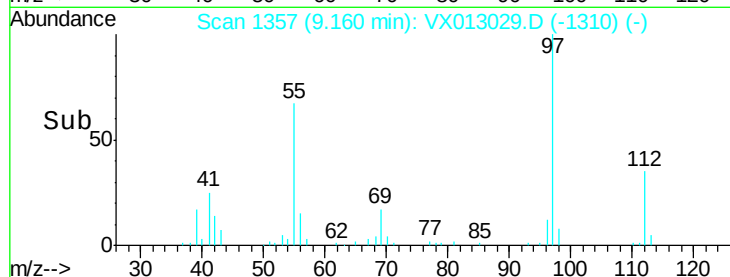
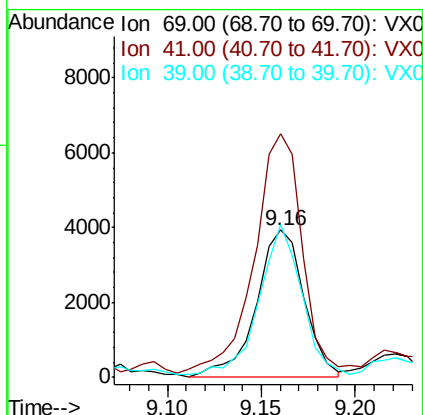
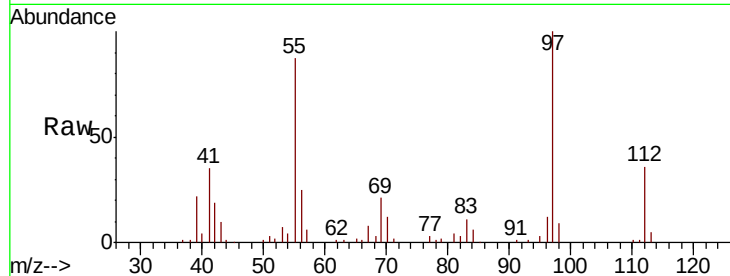




#56
Ethyl methacrylate
Concen: 3.881 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

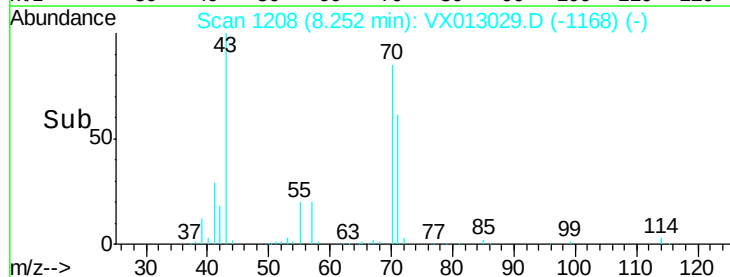
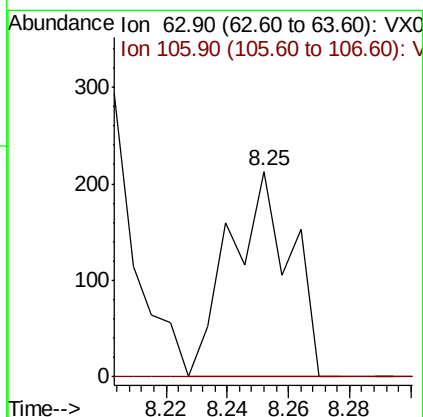
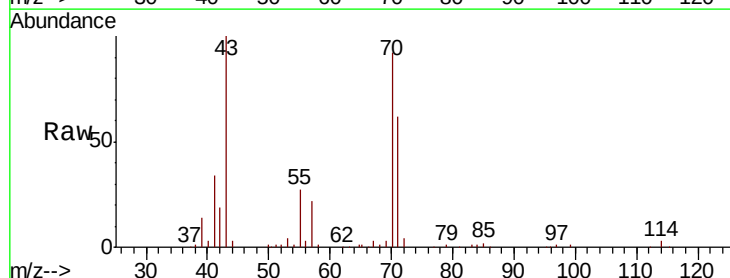
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202

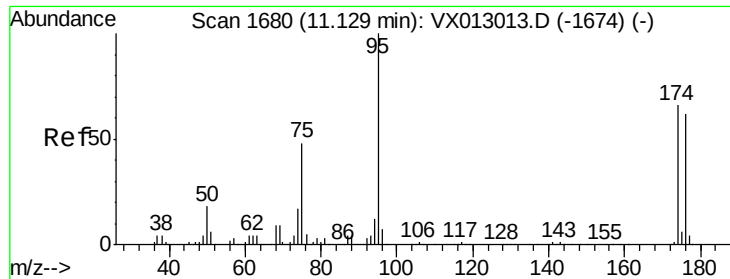
Tot Ion: 69.00 Resp: 6936
Ion Ratio Lower Upper
69 100
41 160.8 52.1 78.1#
39 90.0 27.8 41.8#



#58
2-Chloroethyl Vinyl ether
Concen: 0.218 ug/l
RT: 8.25 min Scan# 1208
Delta R.T. -0.05 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Tgt Ion: 63 Resp: 292
Ion Ratio Lower Upper
63 100
106 0.0 23.8 35.8#





#62

4-Bromofluorobenzene

Concen: 47.510 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202

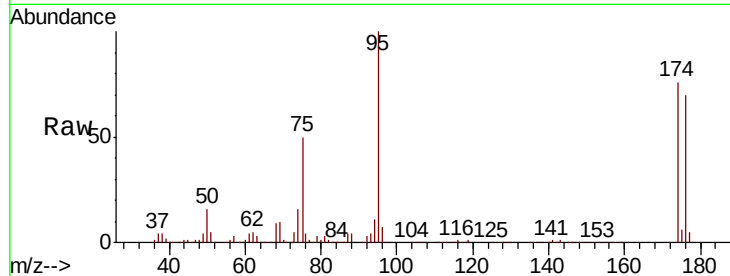
Tot Ion: 95 Resp: 114425

Ion Ratio Lower Upper

95 100

174 73.3 0.0 143.4

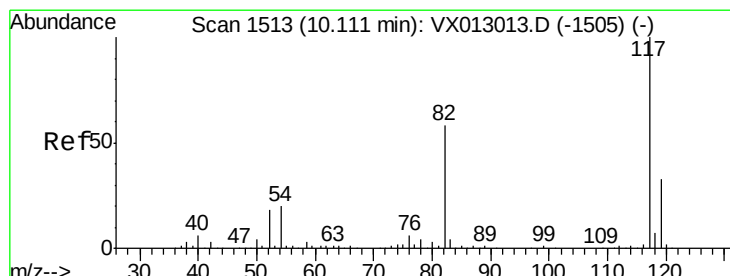
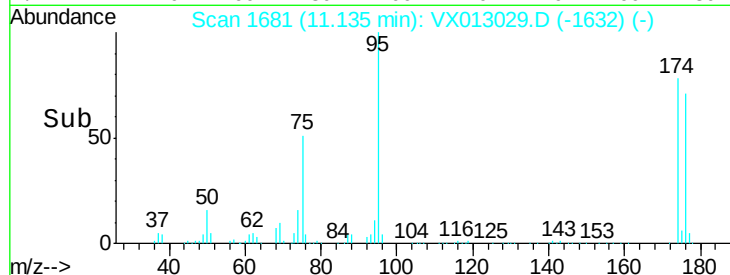
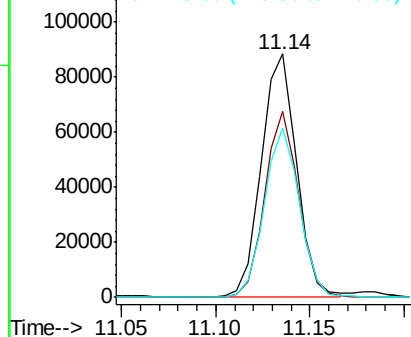
176 69.2 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX013029.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX013029.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX013029.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

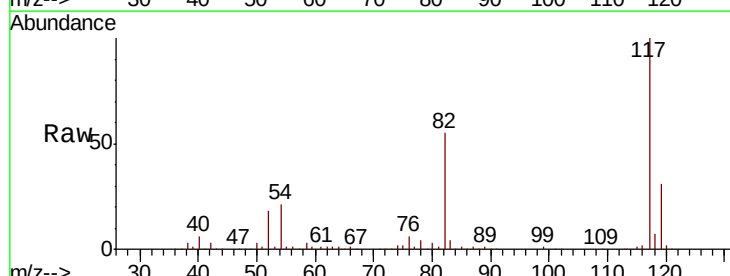
Tgt Ion: 117 Resp: 241314

Ion Ratio Lower Upper

117 100

82 55.2 44.1 66.1

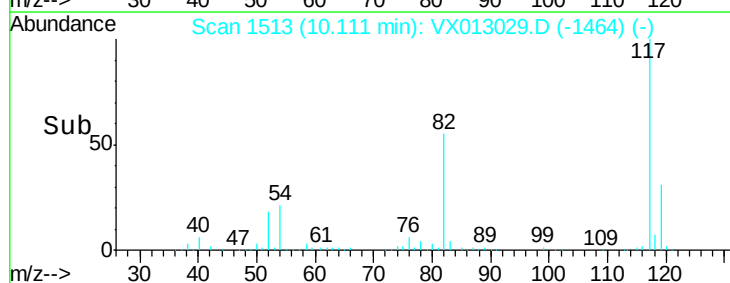
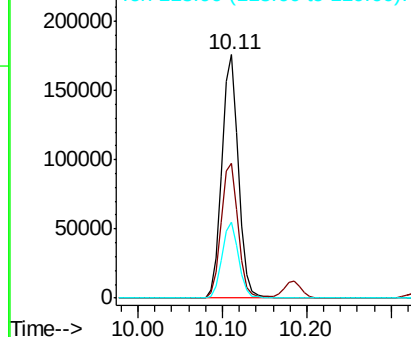
119 31.2 25.8 38.8

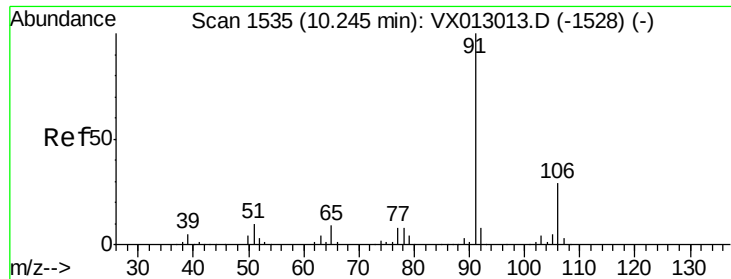


Abundance Ion 116.90 (116.60 to 117.60): VX013029.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013029.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013029.D (-1464) (-)

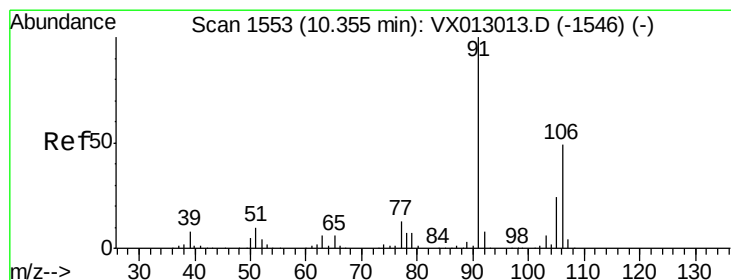
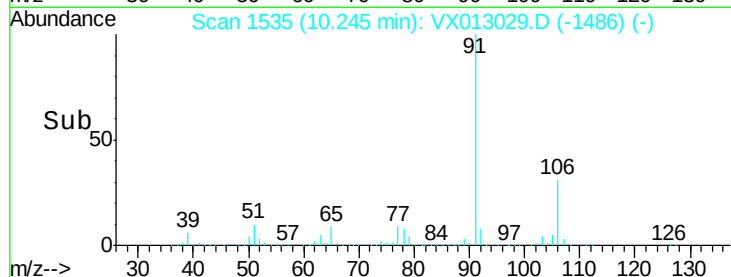
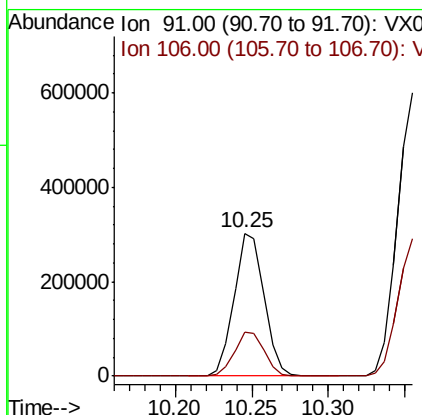
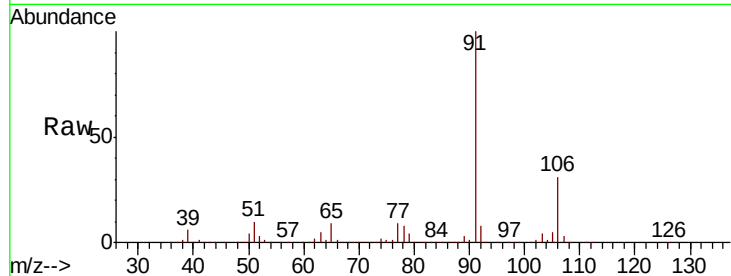




#67
Ethyl Benzene
Concen: 48.479 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

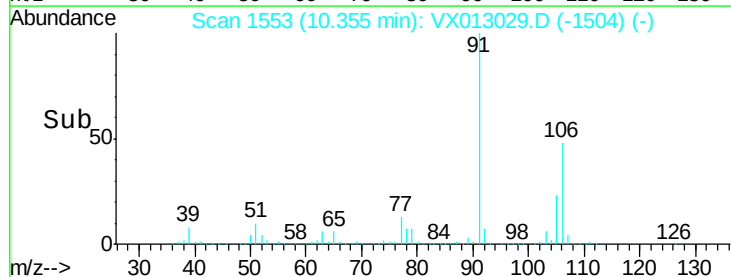
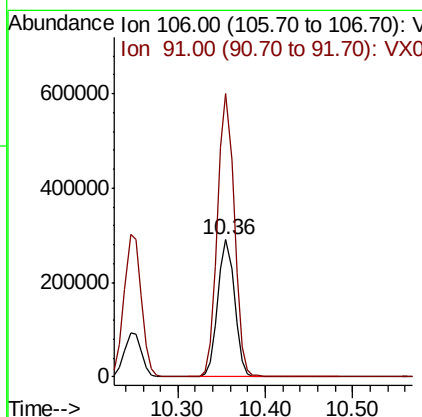
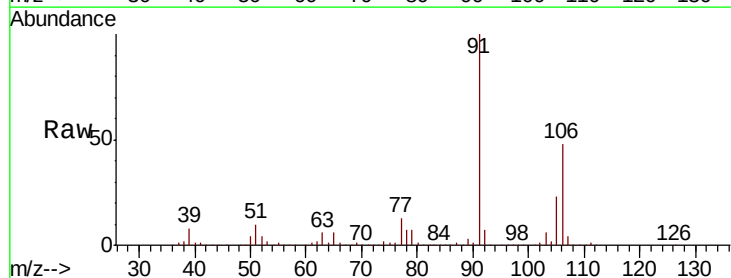
Instrument :
MSVOA_X
ClientSampled :
FA19-JMW3202

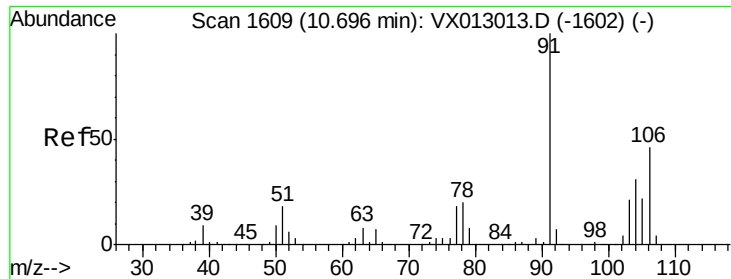
Tot Ion: 91 Resp: 412659
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9



#68
m/p-Xylenes
Concen: 121.804 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Tgt Ion: 106 Resp: 387336
Ion Ratio Lower Upper
106 100
91 205.5 165.3 247.9

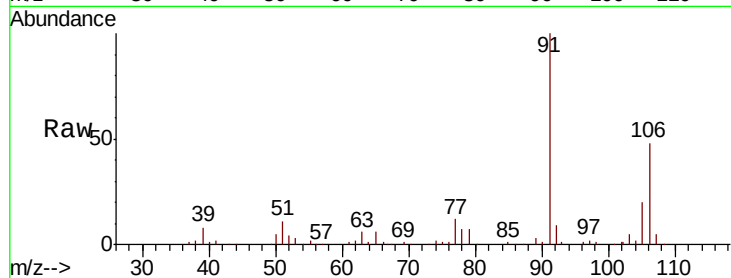




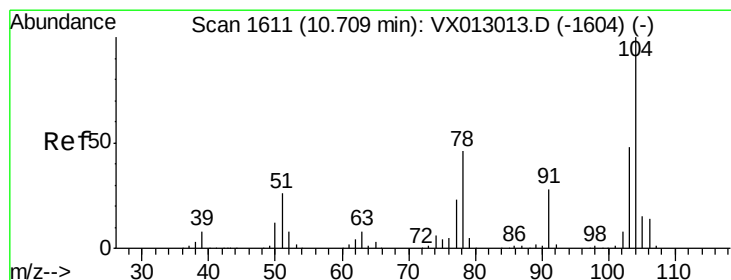
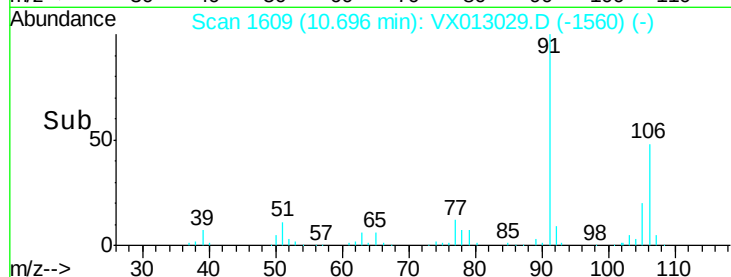
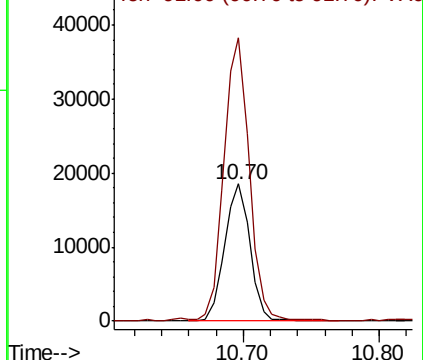
#69
o-Xylene
Concen: 7.729 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202

Tot Ion:106 Resp: 23969
Ion Ratio Lower Upper
106 100
91 206.1 109.1 327.3

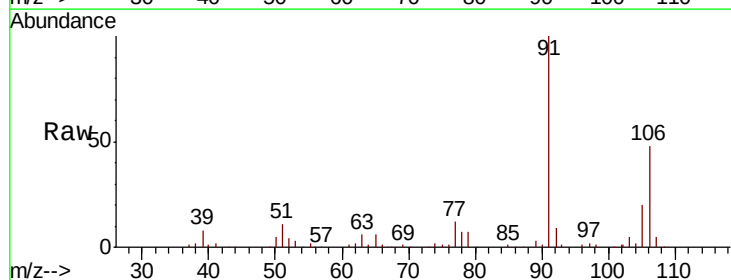


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

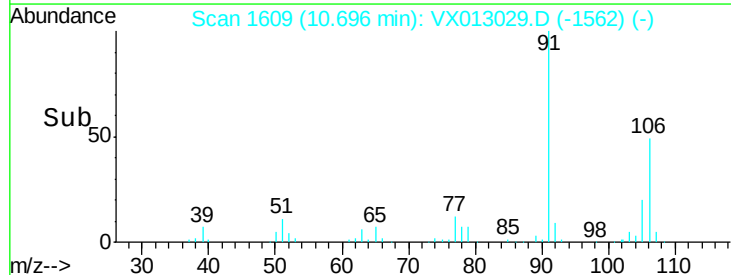
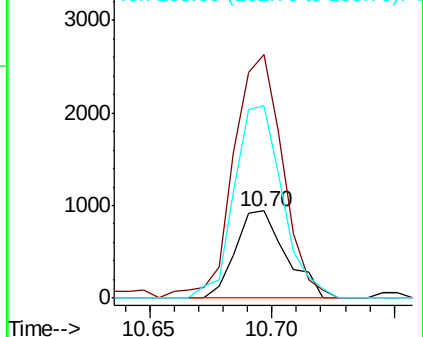


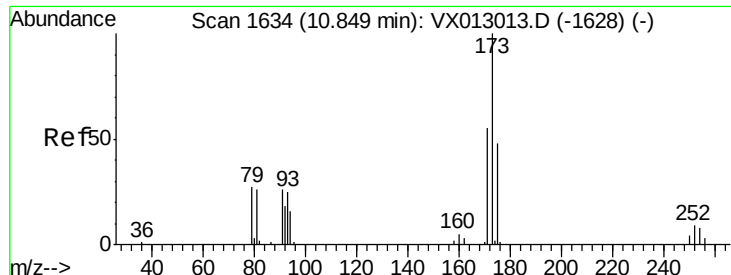
#70
Styrene
Concen: 0.252 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.01 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Tgt Ion:104 Resp: 1331
Ion Ratio Lower Upper
104 100
78 275.5 41.2 61.8#
103 212.8 43.0 64.4#



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: 3.245 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.27 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202

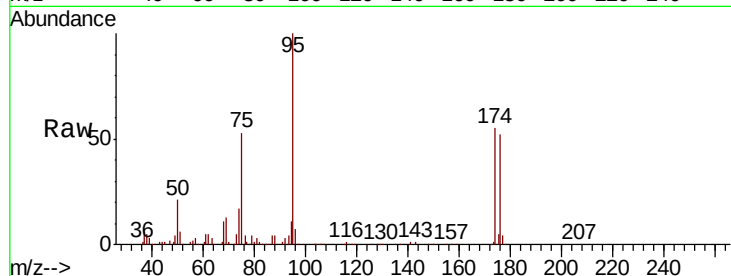
Tot Ion:173 Resp: 169

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.3#

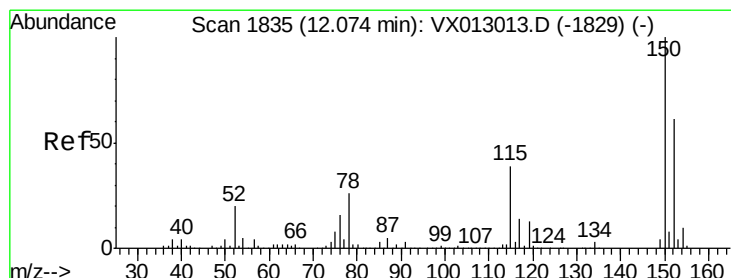
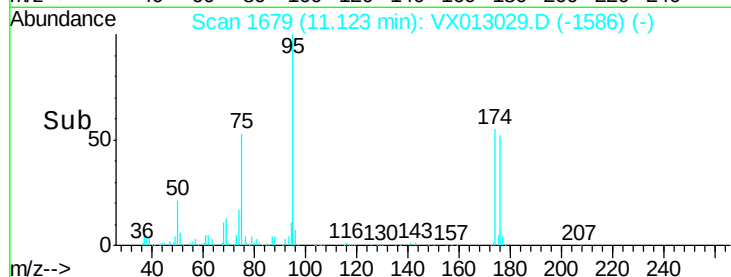
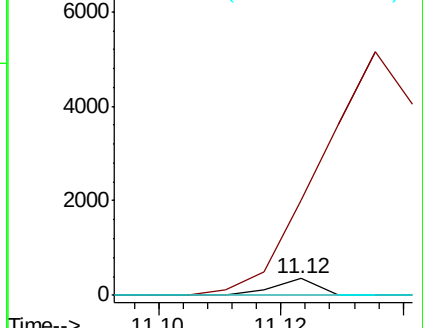
254 0.0 0.1 0.1#



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

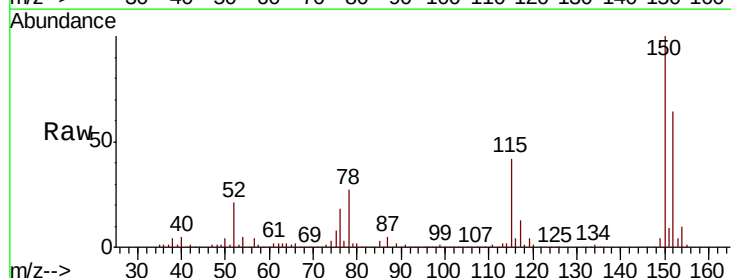
Tgt Ion:152 Resp: 103248

Ion Ratio Lower Upper

152 100

115 63.9 44.5 133.5

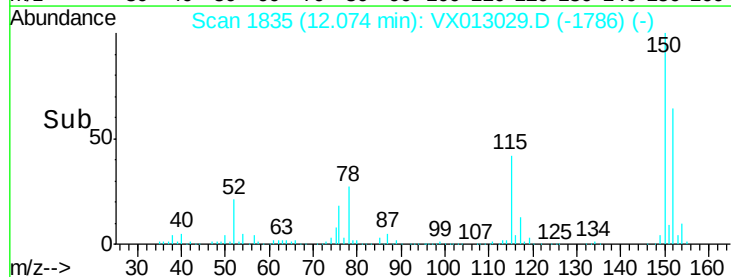
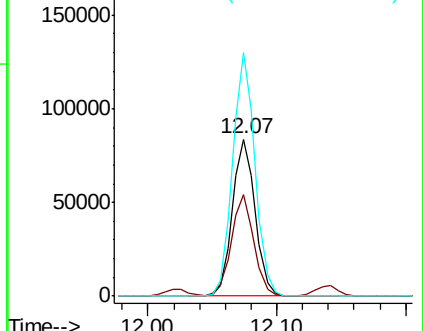
150 152.5 0.0 353.4

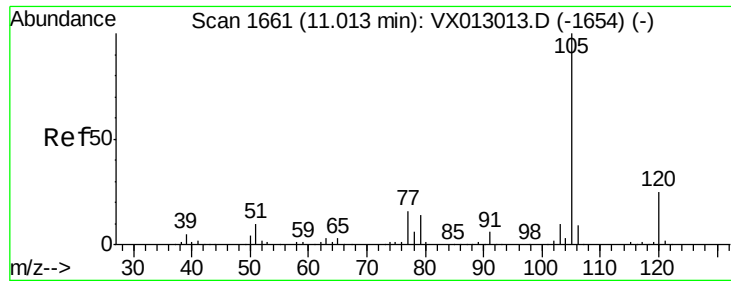


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.609 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

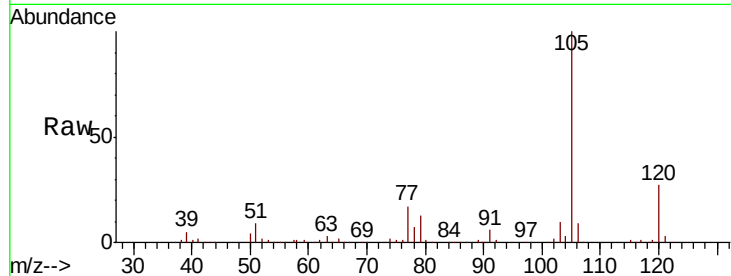
FA19-JMW3202

Tot Ion:105 Resp: 141261

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

100000

80000

60000

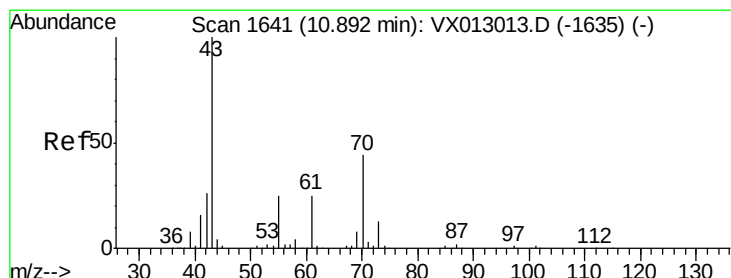
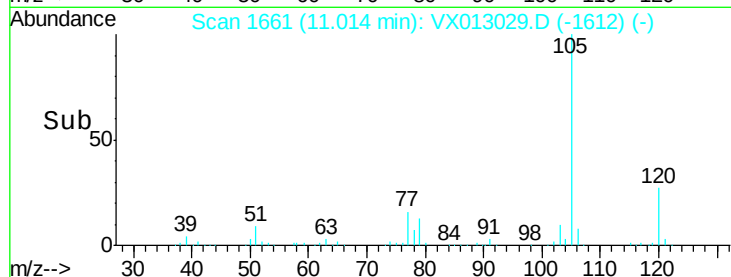
40000

20000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 0.243 ug/l

RT: 10.92 min Scan# 1645

Delta R.T. 0.02 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Tgt Ion: 43 Resp: 793

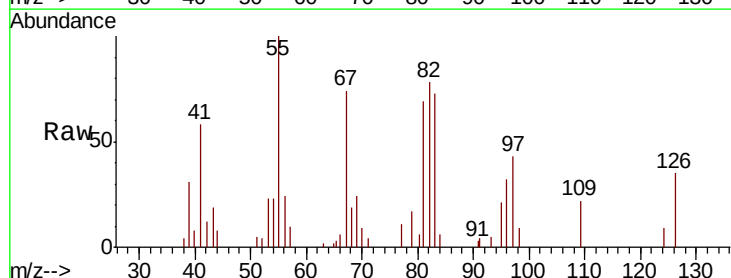
Ion Ratio Lower Upper

43 100

70 55.2 36.4 54.6#

55 840.5 20.2 30.2#

61 0.0 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6000

5000

4000

3000

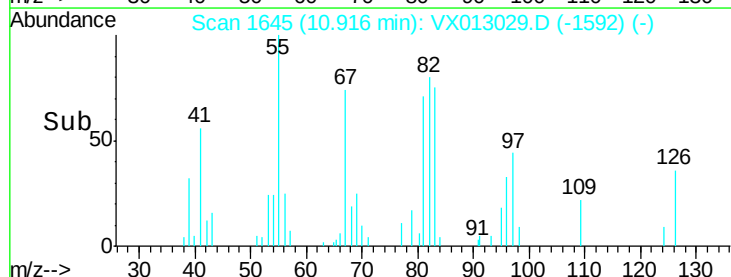
2000

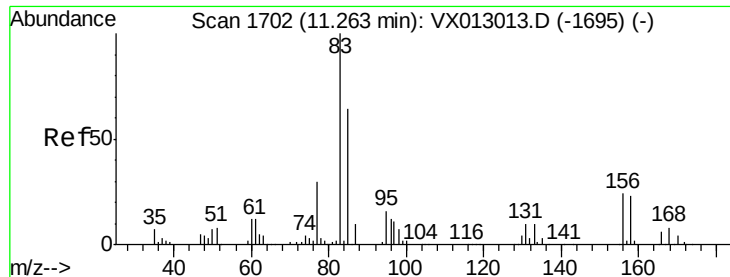
1000

0

Time-->

10.85 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 0.476 ug/l

RT: 11.28 min Scan# 1704

Delta R.T. 0.01 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW3202

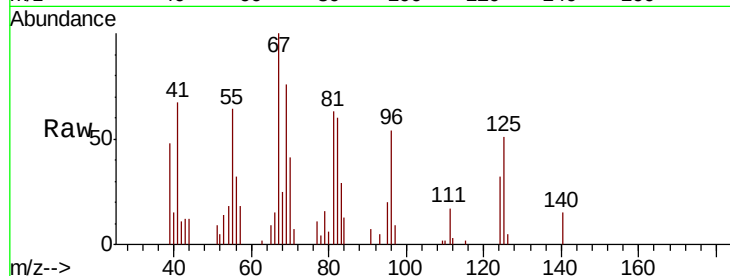
Tot Ion: 83 Resp: 1203

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

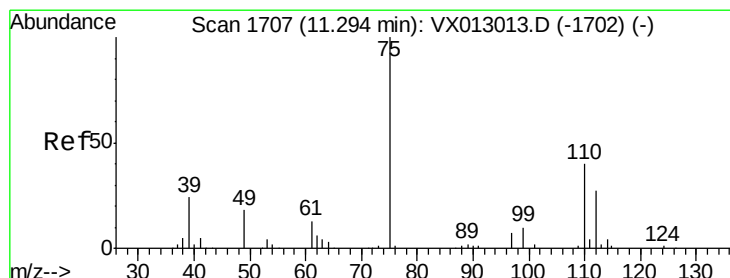
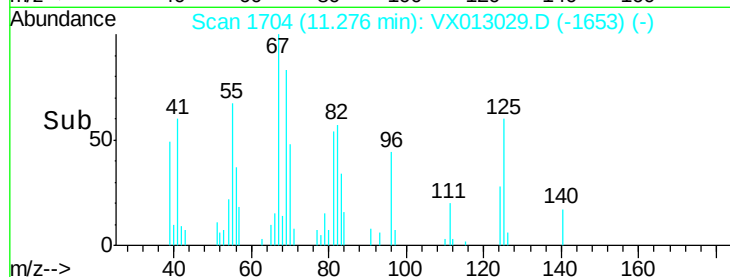
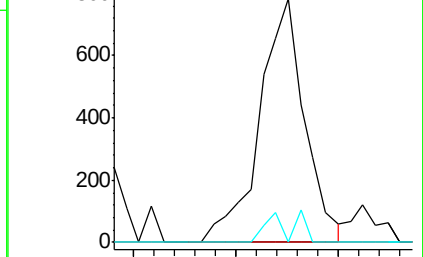
85 7.7 32.1 96.5#



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: 1.427 ug/l

RT: 11.43 min Scan# 1729

Delta R.T. 0.14 min

Lab File: VX013029.D

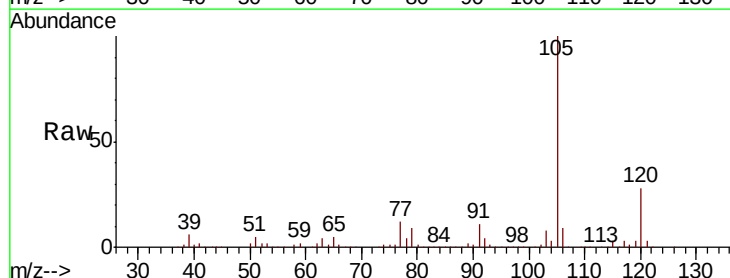
Acq: 11 Oct 2019 20:13

Tgt Ion: 75 Resp: 3268

Ion Ratio Lower Upper

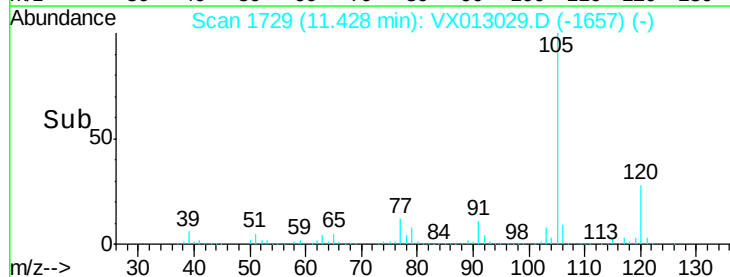
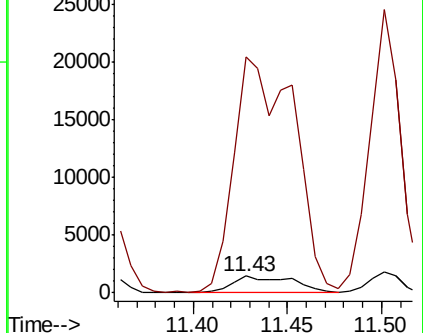
75 100

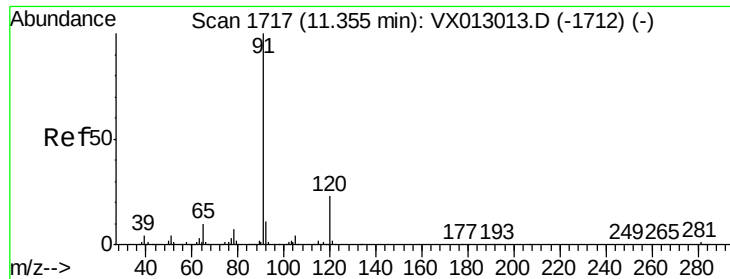
77 1381.5 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 22.551 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

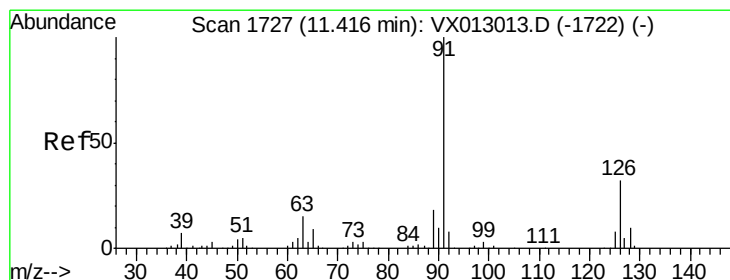
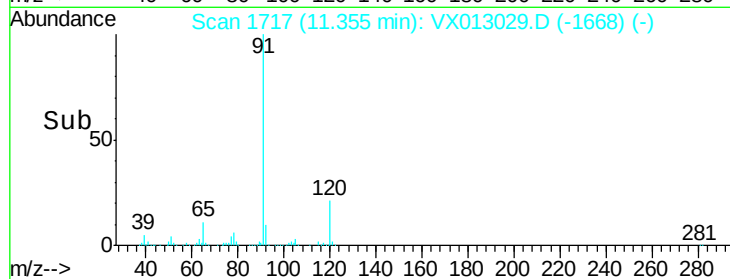
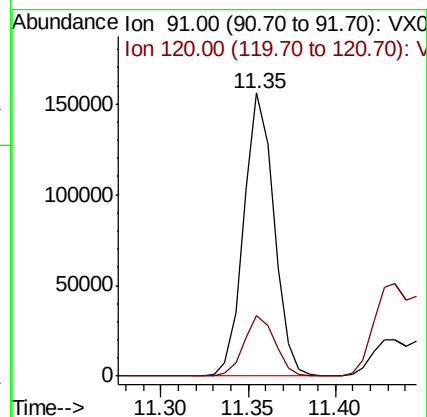
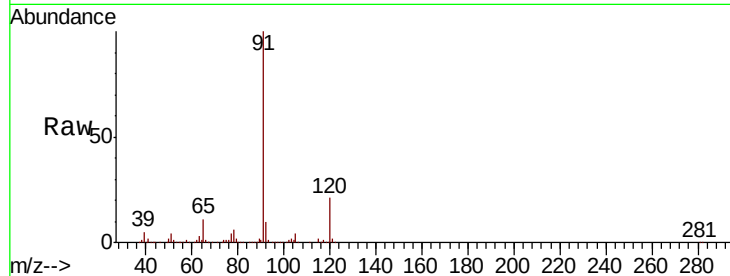
FA19-JMW3202

Tot Ion: 91 Resp: 188369

Ion Ratio Lower Upper

91 100

120 22.0 11.7 35.1



#79

2-Chlorotoluene

Concen: 8.996 ug/l

RT: 11.43 min Scan# 1730

Delta R.T. 0.02 min

Lab File: VX013029.D

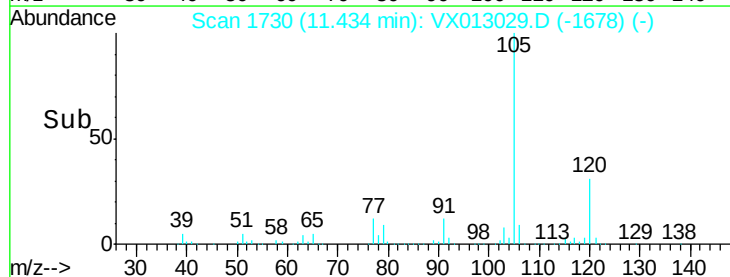
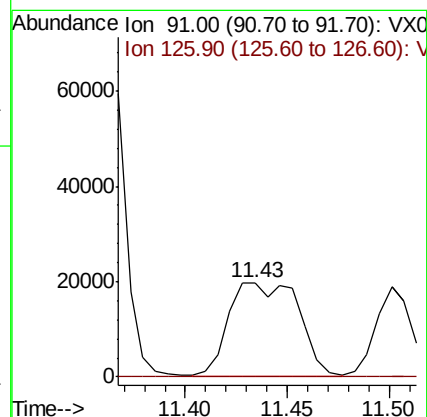
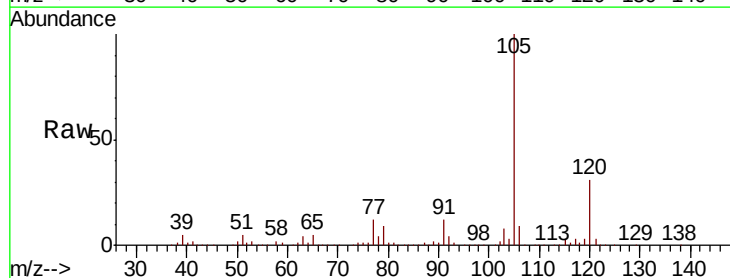
Acq: 11 Oct 2019 20:13

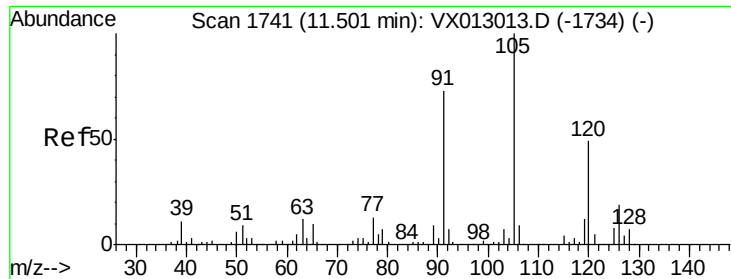
Tgt Ion: 91 Resp: 47223

Ion Ratio Lower Upper

91 100

126 0.1 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 35.258 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

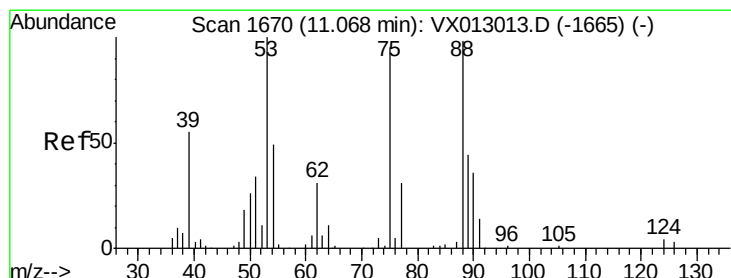
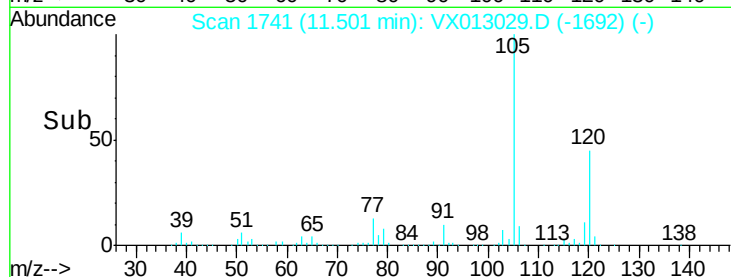
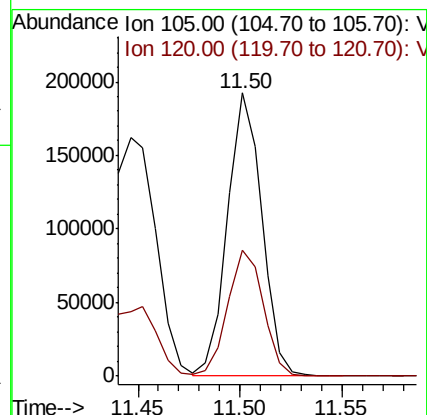
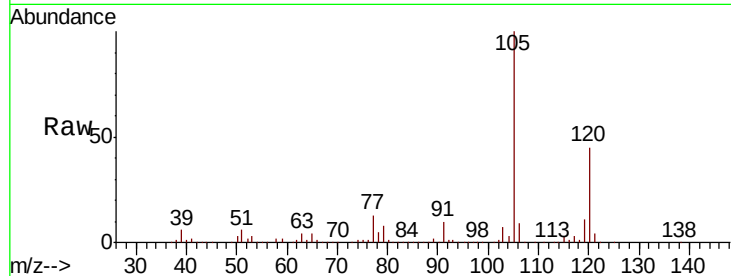
FA19-JMW3202

Tot Ion:105 Resp: 223482

Ion Ratio Lower Upper

105 100

120 46.5 24.8 74.3



#81

trans-1,4-Dichloro-2-butene

Concen: 5.903 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.06 min

Lab File: VX013029.D

Acq: 11 Oct 2019 20:13

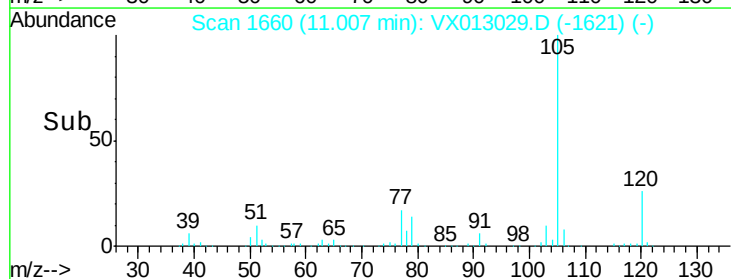
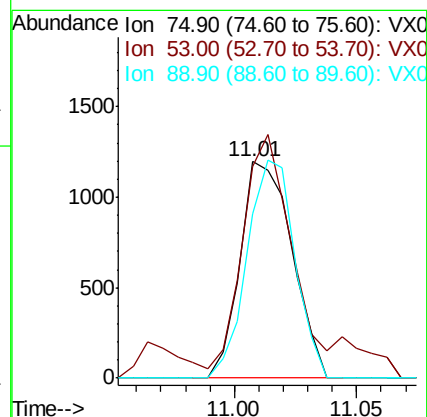
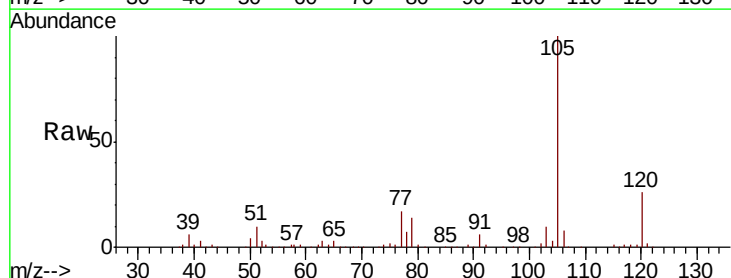
Tgt Ion: 75 Resp: 1764

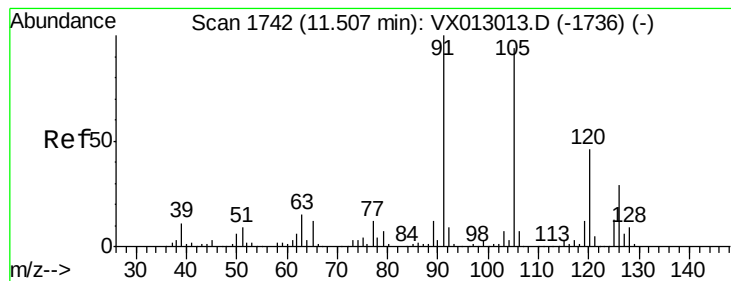
Ion Ratio Lower Upper

75 100

53 120.8 78.5 117.7#

89 93.1 37.4 56.2#

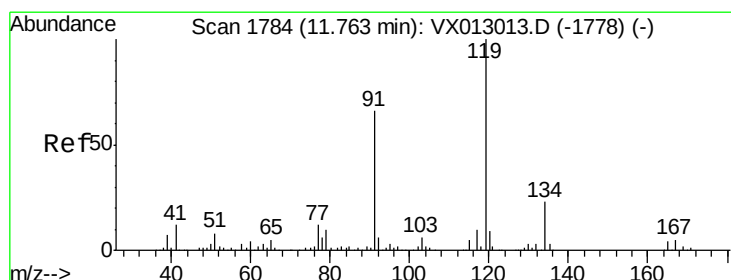
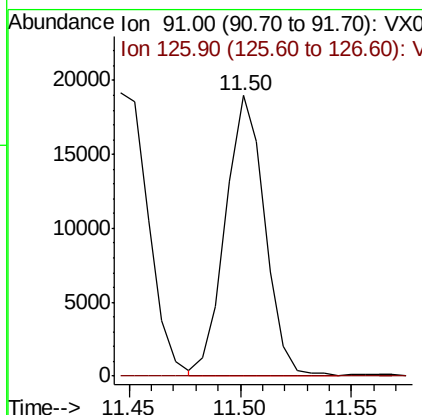
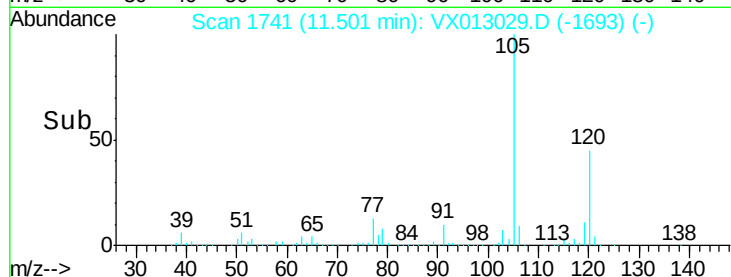
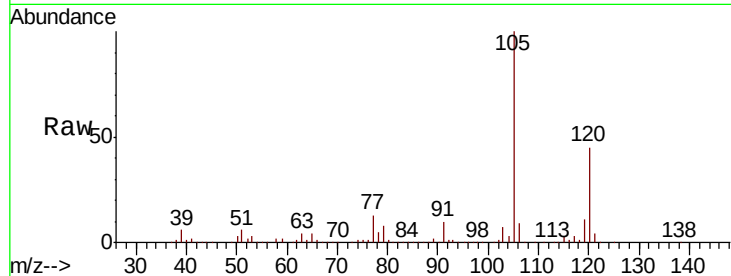




#82
4-Chlorotoluene
Concen: 3.884 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

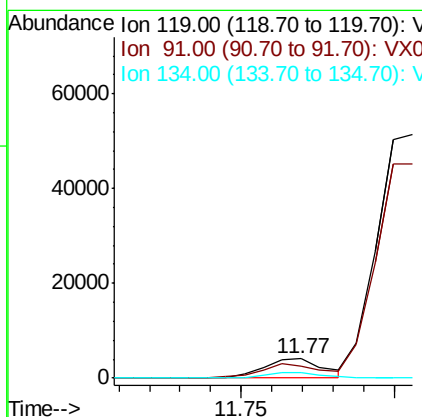
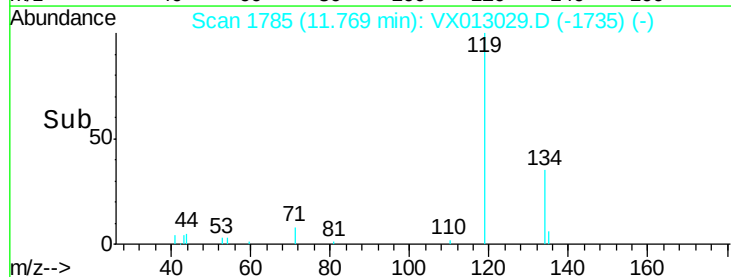
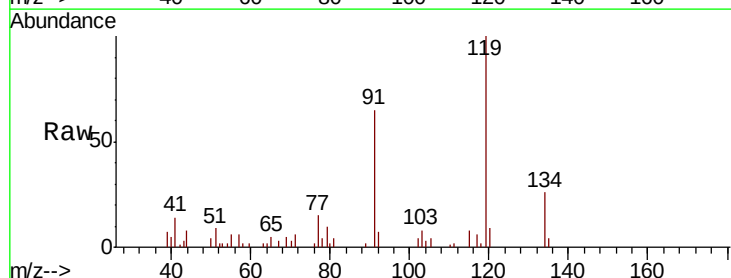
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202

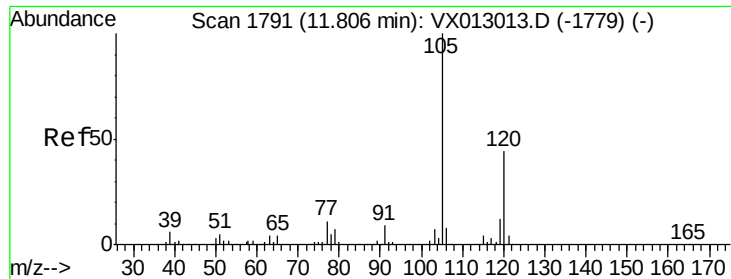
Tot Ion: 91 Resp: 23371
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#



#83
tert-Butylbenzene
Concen: 0.906 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Tgt Ion: 119 Resp: 5602
Ion Ratio Lower Upper
119 100
91 68.0 29.3 87.9
134 24.9 11.5 34.4

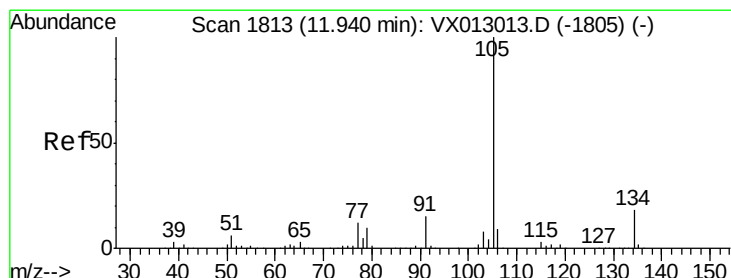
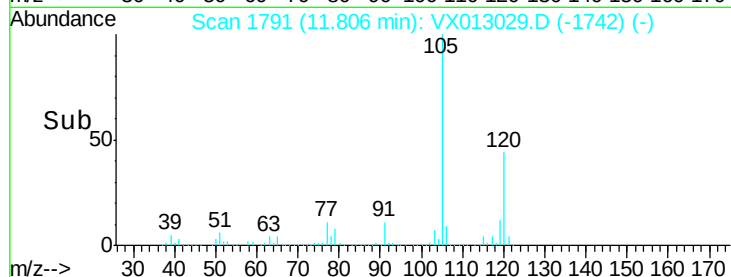
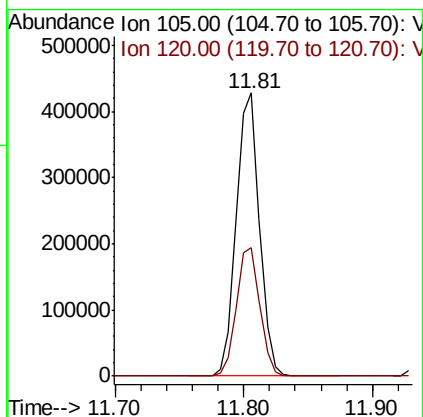
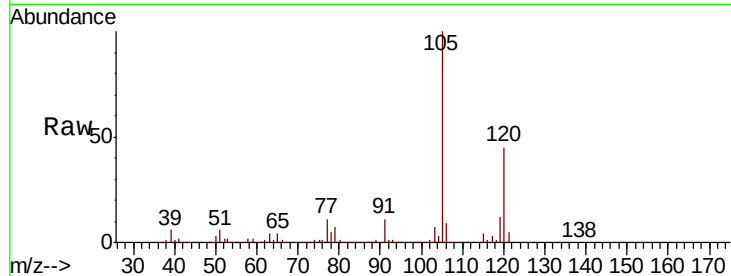




#84
 1,2,4-Trimethylbenzene
 Concen: 83.523 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

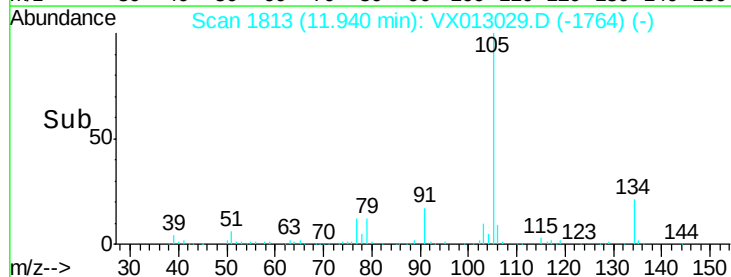
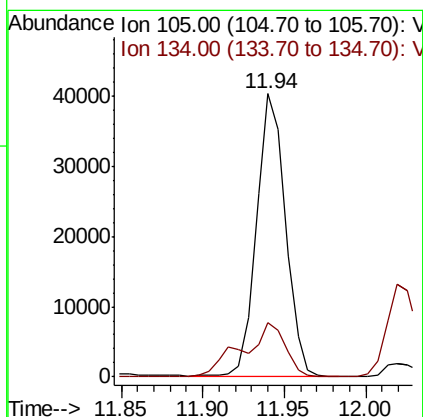
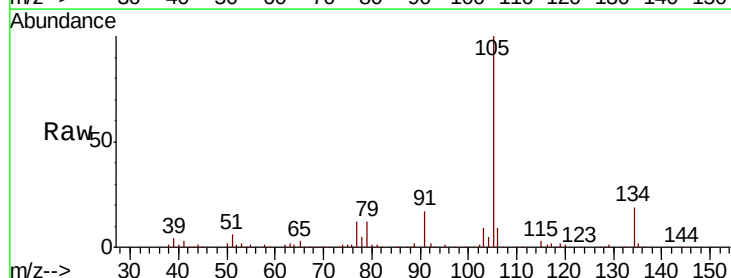
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202

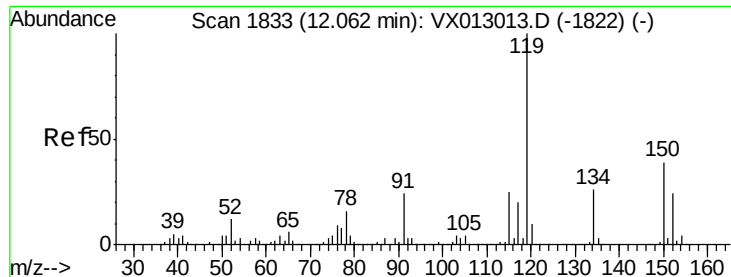
Tot Ion:105 Resp: 536172
 Ion Ratio Lower Upper
 105 100
 120 46.0 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 6.955 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

Tgt Ion:105 Resp: 49825
 Ion Ratio Lower Upper
 105 100
 134 28.6 10.0 30.0

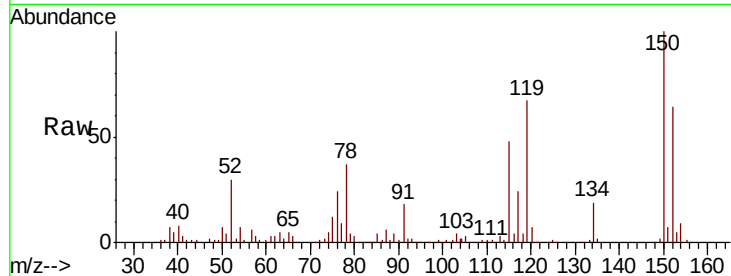




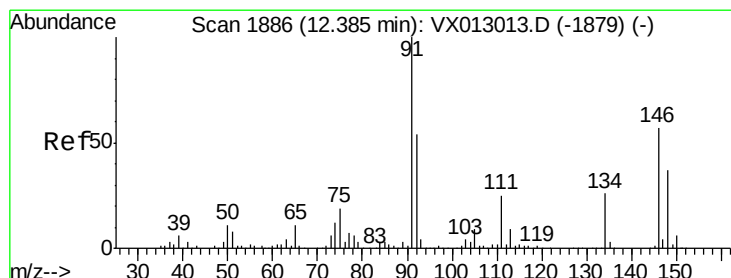
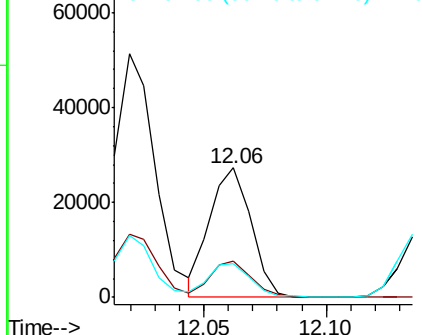
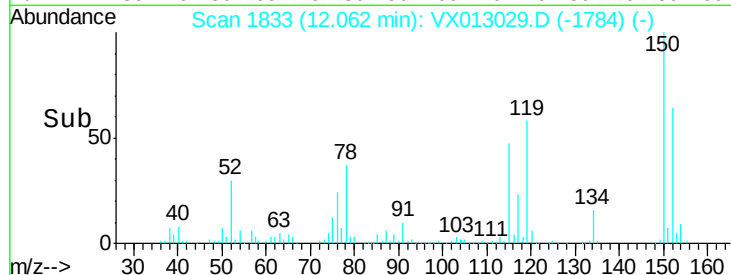
#86
 p-Isopropyltoluene
 Concen: 4.847 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW3202

Tot Ion:119 Resp: 32204
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.6 37.8
 91 26.2 12.4 37.4

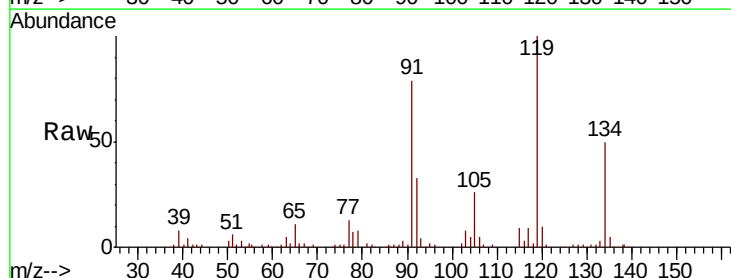


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

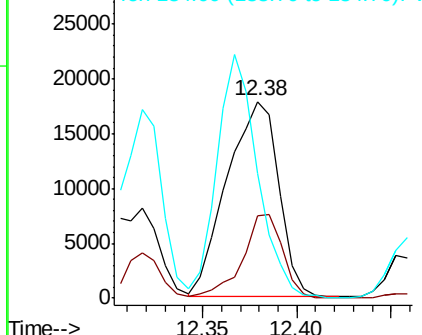
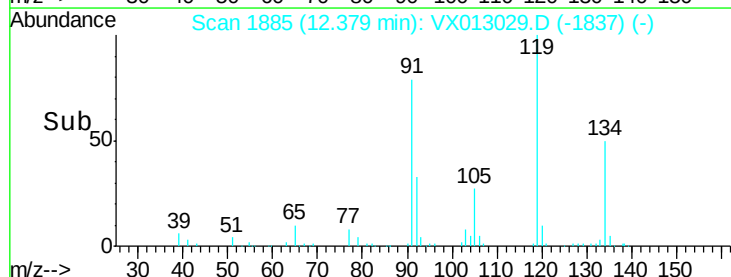


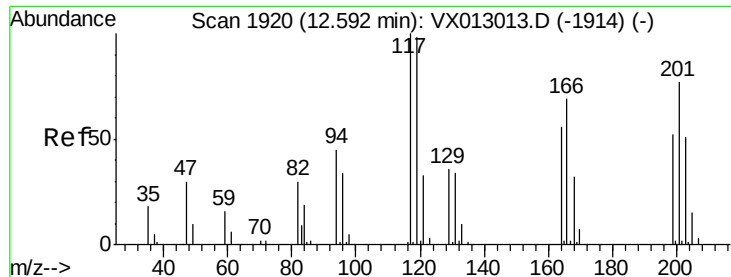
#89
 n-Butylbenzene
 Concen: 6.103 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: VX013029.D
 Acq: 11 Oct 2019 20:13

Tgt Ion: 91 Resp: 34076
 Ion Ratio Lower Upper
 91 100
 92 33.3 27.5 82.5
 134 97.2 12.9 38.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

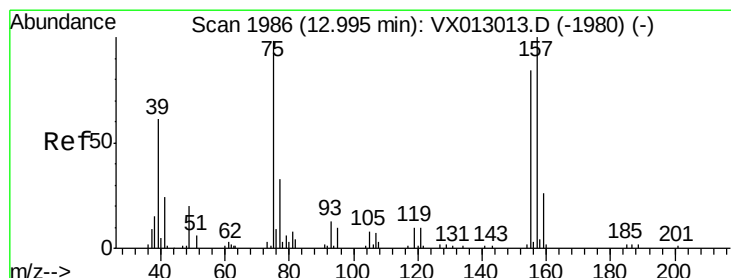
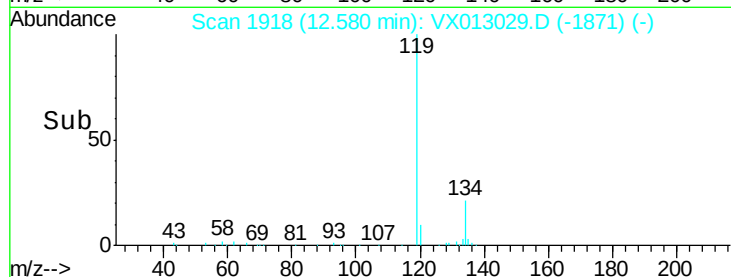
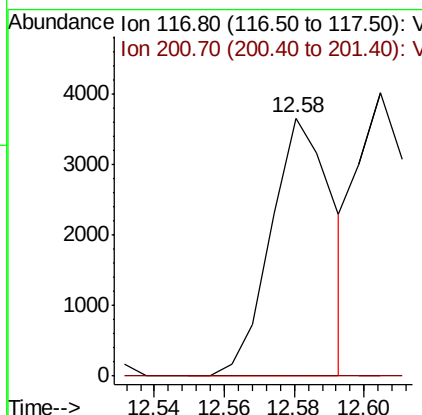
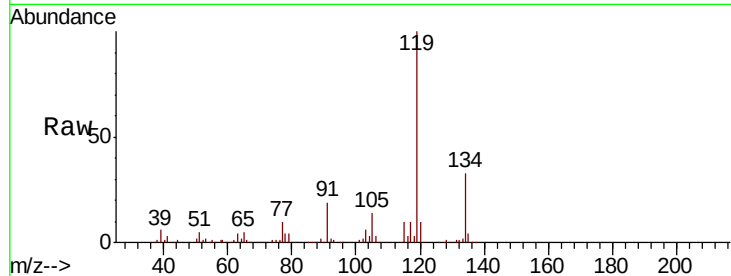




#90
Hexachloroethane
Concen: 5.637 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

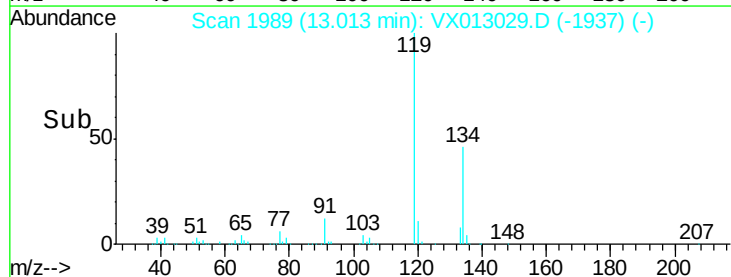
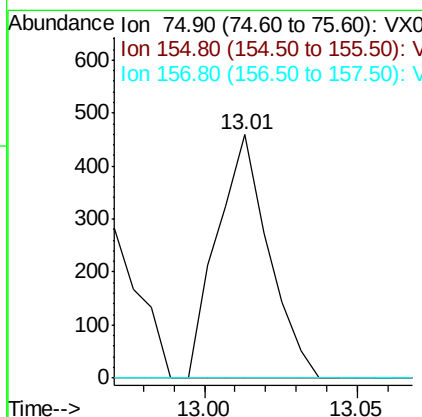
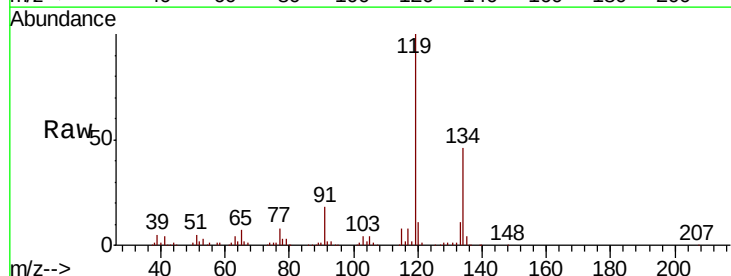
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202

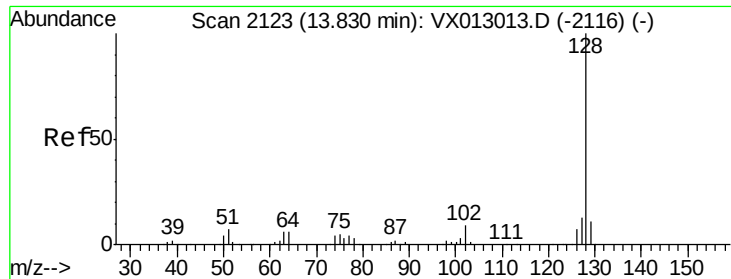
Tot Ion:117 Resp: 4521
Ion Ratio Lower Upper
117 100
201 0.0 36.9 110.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.906 ug/l
RT: 13.01 min Scan# 1989
Delta R.T. 0.02 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Tgt Ion: 75 Resp: 536
Ion Ratio Lower Upper
75 100
155 0.0 43.0 128.8#
157 0.0 54.1 162.3#

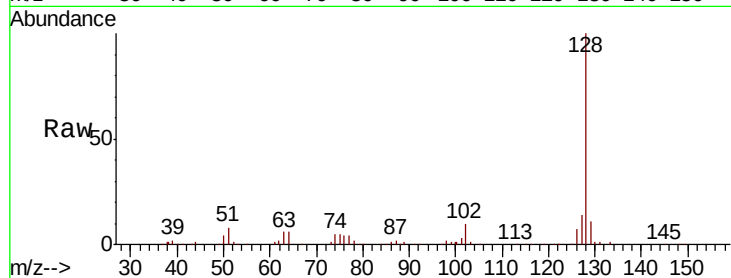




#95
Naphthalene
Concen: 9.013 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013029.D
Acq: 11 Oct 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW3202

Tot Ion:128 Resp: 63737
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.4
129 13.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

