

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013488.D
 Acq On : 20 Nov 2019 19:28
 Operator : JC/SP
 Sample : K5958-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Quant Time: Nov 21 00:52:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	634698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	967654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	890339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	443411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	352693	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	5.48	113	293097	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	8.71	98	1098115	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.14	95	419114	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	301622	41.245	ug/l	99
3) Chloromethane	1.31	50	314319	39.634	ug/l	97
4) Vinyl Chloride	1.40	62	390662	43.270	ug/l	100
5) Bromomethane	1.62	94	239436	38.056	ug/l	98
6) Chloroethane	1.70	64	221783	42.801	ug/l	99
7) Trichlorofluoromethane	1.91	101	447565	41.959	ug/l	100
8) Diethyl Ether	2.18	74	212085	44.962	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	279407	46.997	ug/l	98
10) Methyl Iodide	2.50	142	295393	40.131	ug/l	98
11) Tert butyl alcohol	3.05	59	614568	310.096	ug/l	100
12) 1,1-Dichloroethene	2.36	96	274283	47.111	ug/l	97
13) Acrolein	2.28	56	221138	205.879	ug/l	98
14) Allyl chloride	2.72	41	520222	49.178	ug/l	95
15) Acrylonitrile	3.13	53	989024	267.157	ug/l	99
16) Acetone	2.44	43	929802	247.913	ug/l	99
17) Carbon Disulfide	2.56	76	660867	42.410	ug/l	100
18) Methyl Acetate	2.76	43	555809	53.679	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	993902	51.184	ug/l	99
20) Methylene Chloride	2.84	84	322610	46.556	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	290494	45.826	ug/l	99
22) Diisopropyl ether	3.84	45	1024068	50.144	ug/l	99
23) Vinyl Acetate	3.80	43	4201376	240.414	ug/l	100
24) 1,1-Dichloroethane	3.69	63	556019	48.669	ug/l	99
25) 2-Butanone	4.66	43	1491757	271.126	ug/l	99
26) 2,2-Dichloropropane	4.57	77	432738	47.614	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	354945	49.985	ug/l	98
28) Bromochloromethane	5.00	49	152533	47.023	ug/l	97
29) Tetrahydrofuran	5.11	42	932280	274.960	ug/l	99
30) Chloroform	5.20	83	578549	51.285	ug/l	97
31) Cyclohexane	5.56	56	481357	46.824	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	464321	47.827	ug/l	99
36) 1,1-Dichloropropene	5.79	75	397431	47.876	ug/l	99
37) Ethyl Acetate	4.82	43	522657	50.953	ug/l	99
38) Carbon Tetrachloride	5.78	117	387564	47.744	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	568669	54.978	ug/l	98
40) Benzene	6.13	78	1259548	48.710	ug/l	100
41) Methacrylonitrile	5.03	41	290185	50.472	ug/l	98
42) 1,2-Dichloroethane	6.18	62	443893	47.591	ug/l	99
43) Isopropyl Acetate	6.43	43	839239	52.542	ug/l	99
44) Trichloroethene	7.20	130	340076	47.778	ug/l	98
45) 1,2-Dichloropropane	7.51	63	329640	50.032	ug/l	98
46) Dibromomethane	7.65	93	220520	49.021	ug/l	99
47) Bromodichloromethane	7.89	83	435441	51.332	ug/l	97
48) Methyl methacrylate	7.76	41	420239	52.706	ug/l	96
49) 1,4-Dioxane	7.73	88	218724	1197.848	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2903687	277.080	ug/l	99
52) Toluene	8.78	92	790041	49.295	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	488852	52.701	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	529951	51.074	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	324048	48.781	ug/l	98
56) Ethyl methacrylate	9.17	69	569086	50.175	ug/l	99
57) 1,3-Dichloropropane	9.37	76	566603	50.246	ug/l	100
59) 2-Hexanone	9.49	43	2278325	281.330	ug/l	97
60) Dibromochloromethane	9.58	129	361100	53.151	ug/l	98
61) 1,2-Dibromoethane	9.67	107	352950	50.036	ug/l	99
64) Tetrachloroethene	9.33	164	289689	45.451	ug/l	98
65) Chlorobenzene	10.14	112	868777	48.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	330784	49.979	ug/l	99
67) Ethyl Benzene	10.25	91	6912756	222.205	ug/l	96
68) m/p-Xylenes	10.35	106	3058436	259.951	ug/l	98
69) o-Xylene	10.70	106	1916768	166.404	ug/l	99
70) Stvrene	10.71	104	1052988	54.687	ug/l #	81
71) Bromoform	10.85	173	286082	46.836	ug/l	99
73) Isopropylbenzene	11.01	105	7741496	263.327	ug/l	98
74) N-amyl acetate	10.89	43	821861	60.285	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	11.26	83	601271	56.062	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	643409	71.440	ug/l	81
77) Bromobenzene	11.25	156	402932	51.412	ug/l	99
78) n-propylbenzene	11.35	91	12392307	378.408	ug/l	88
79) 2-Chlorotoluene	11.42	91	1349976	68.419	ug/l	85
80) 1,3,5-Trimethylbenzene	11.50	105	5443500	222.296	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	186523	53.308	ug/l	97
82) 4-Chlorotoluene	11.51	91	1607304	69.590	ug/l	85
83) tert-Butylbenzene	11.77	119	1888384	76.607	ug/l	98
84) 1,2,4-Trimethylbenzene	11.67	105	5018717	204.306	ug/l	79
85) sec-Butylbenzene	11.95	105	4240707	149.687	ug/l	82
86) p-Isopropyltoluene	12.06	119	2606766	99.924	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	705803	50.522	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	718688	50.493	ug/l	99
89) n-Butylbenzene	12.39	91	3012831	132.356	ug/l #	80
90) Hexachloroethane	12.59	117	607800	130.765	ug/l #	43
91) 1,2-Dichlorobenzene	12.39	146	701930	50.265	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	161287	61.725	ug/l	84
93) 1,2,4-Trichlorobenzene	13.64	180	500659	51.398	ug/l	97

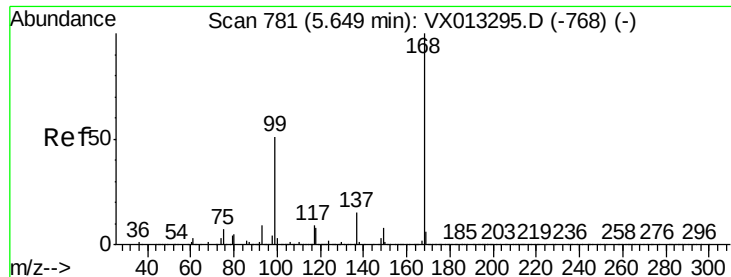
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QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	213503	44.801	ug/l	100
95) Naphthalene	13.83	128	3626242	118.652	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	503109	51.501	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

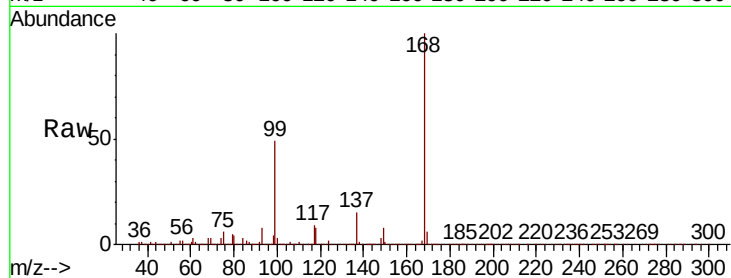
MW-3MSD

Tot Ion:168 Resp: 634698

Ion Ratio Lower Upper

168 100

99 49.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

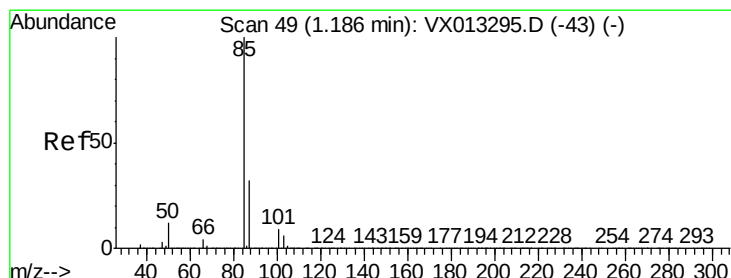
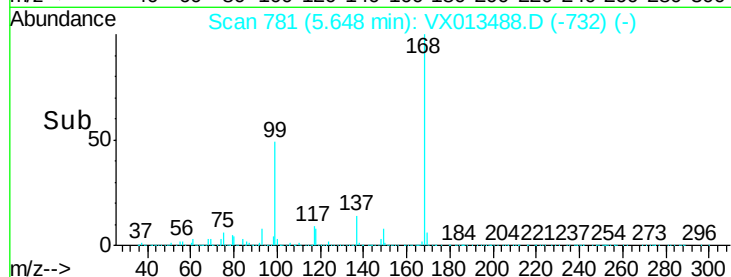
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.245 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013488.D

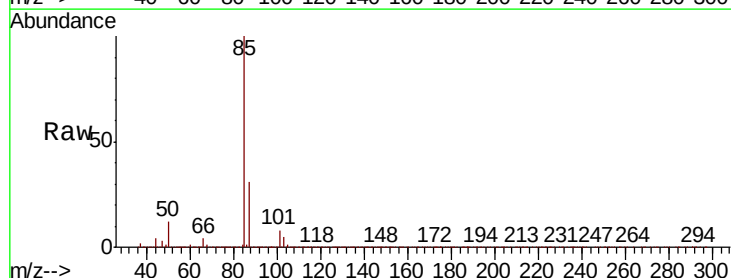
Acq: 20 Nov 2019 19:28

Tgt Ion: 85 Resp: 301622

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

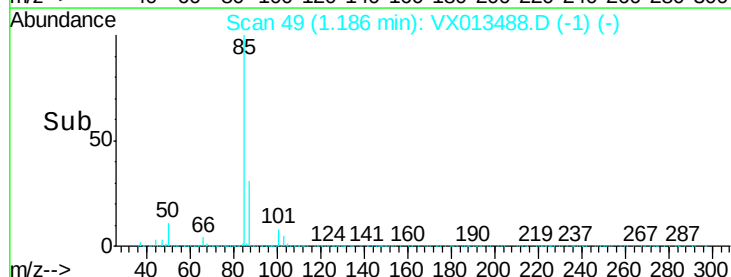
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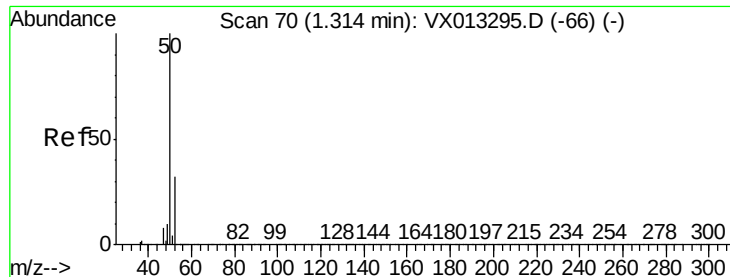
200000

100000

0

Time-->





#3

Chloromethane

Concen: 39.634 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

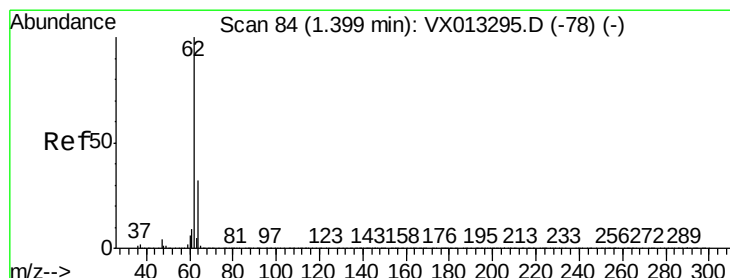
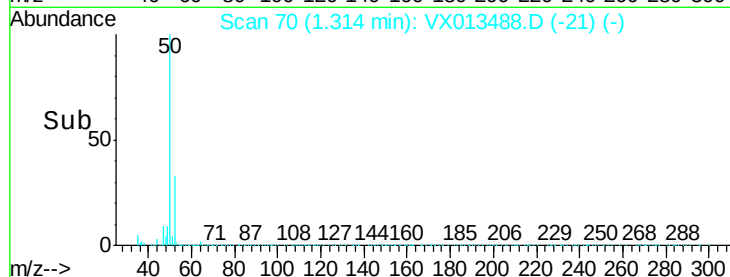
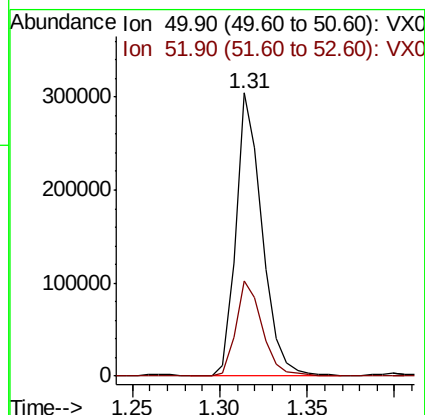
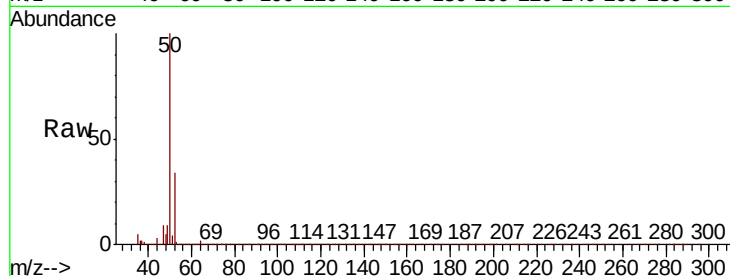
MW-3MSD

Tot Ion: 50 Resp: 314319

Ion Ratio Lower Upper

50 100

52 33.5 25.5 38.3



#4

Vinyl Chloride

Concen: 43.270 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013488.D

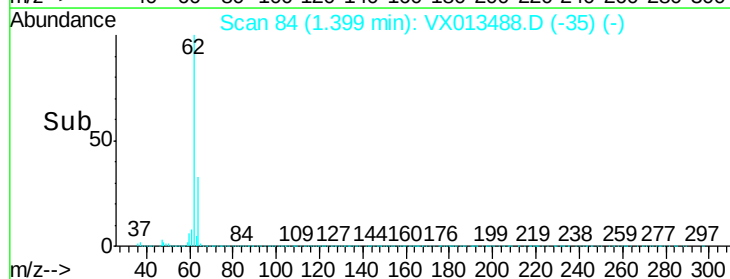
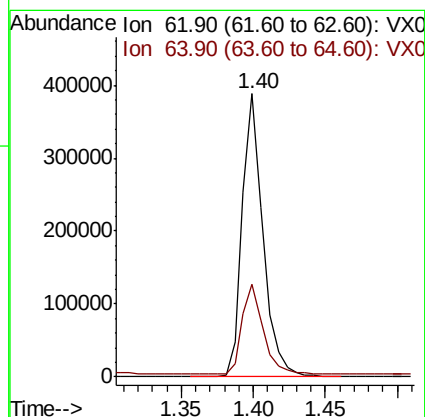
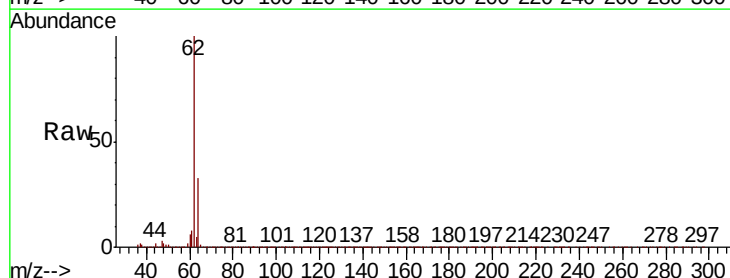
Acq: 20 Nov 2019 19:28

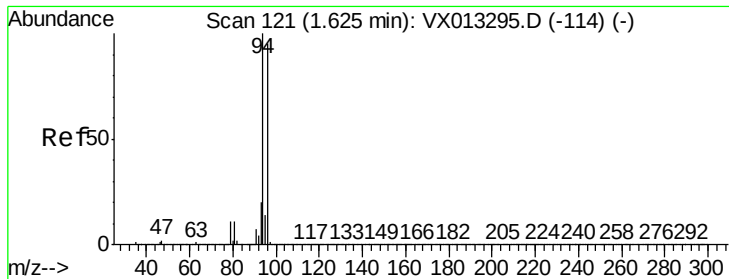
Tgt Ion: 62 Resp: 390662

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4





#5

Bromomethane

Concen: 38.056 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

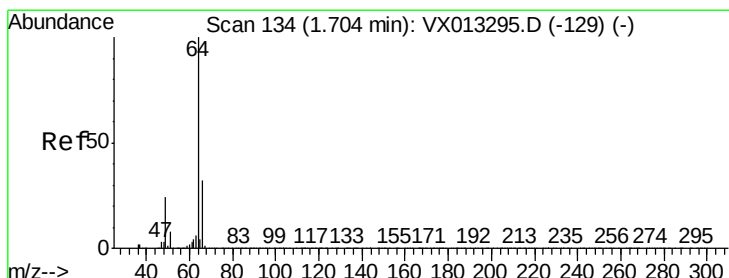
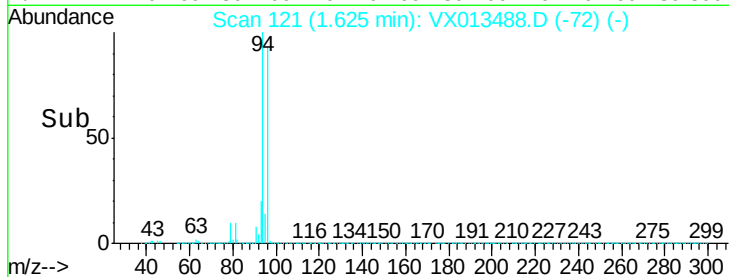
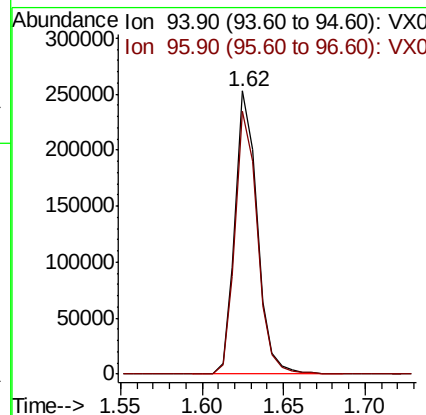
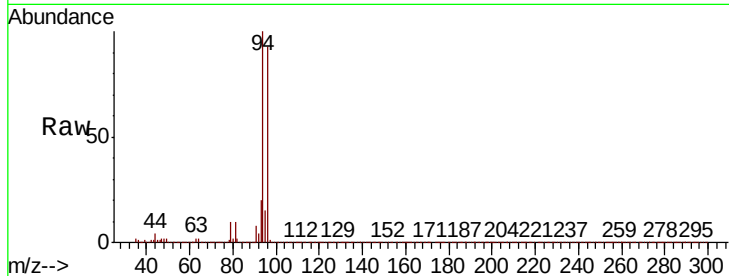
MW-3MSD

Tot Ion: 94 Resp: 239436

Ion Ratio Lower Upper

94 100

96 92.9 75.8 113.8



#6

Chloroethane

Concen: 42.801 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013488.D

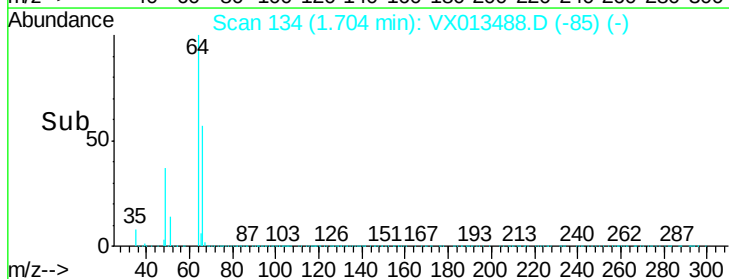
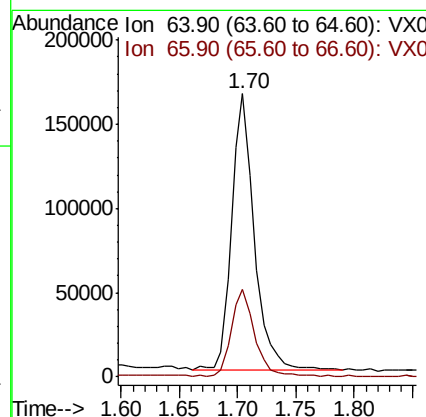
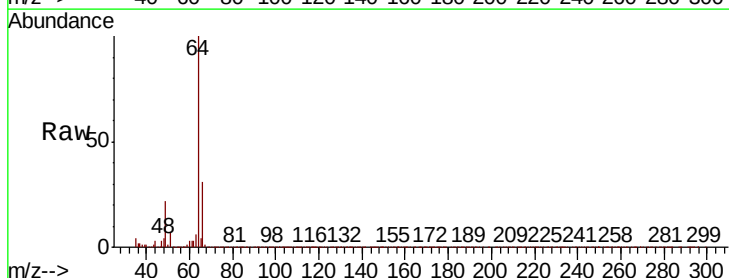
Acq: 20 Nov 2019 19:28

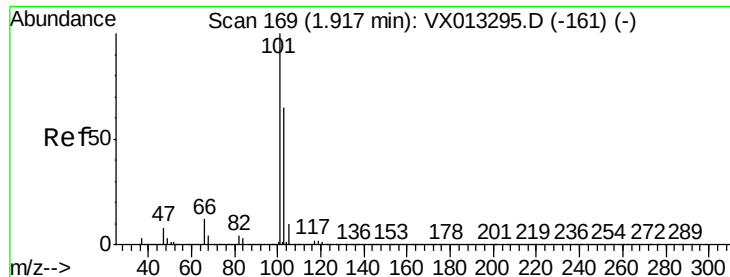
Tgt Ion: 64 Resp: 221783

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4



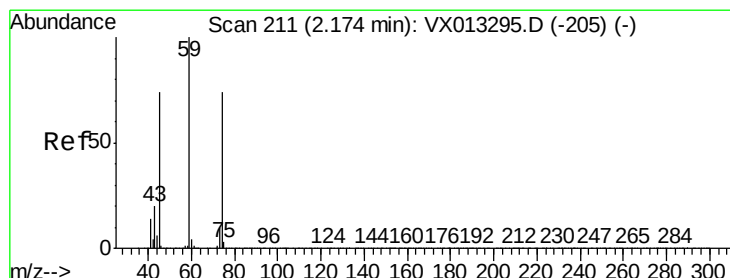
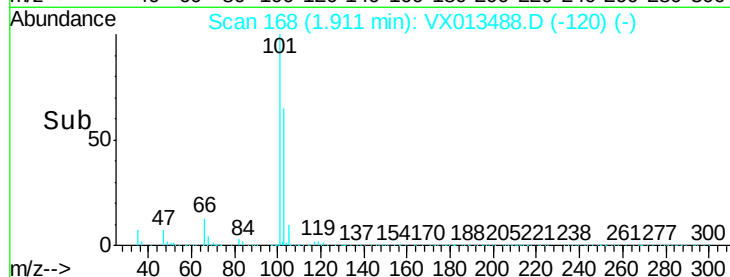
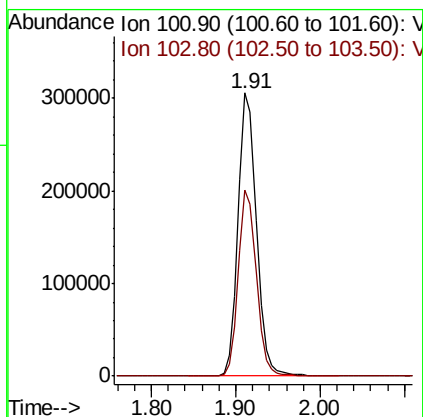
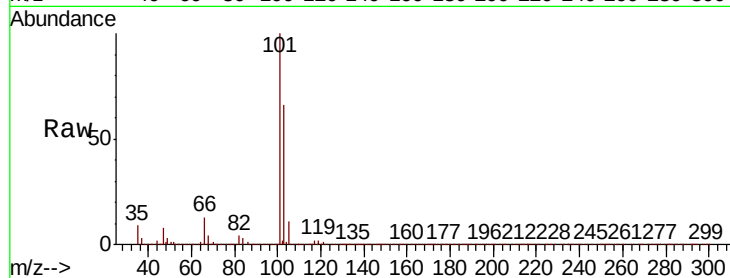


#7

Trichlorofluoromethane
Concen: 41.959 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013488.D
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MW-3MSD

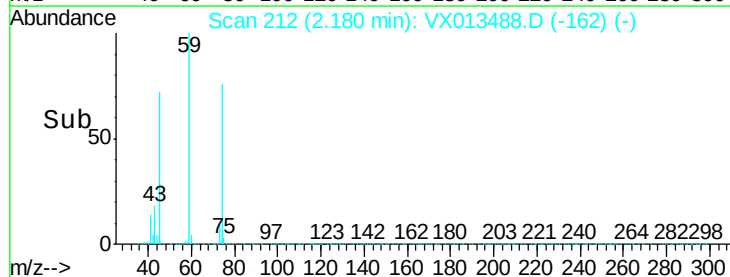
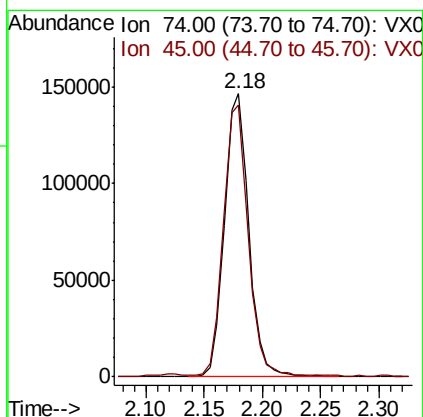
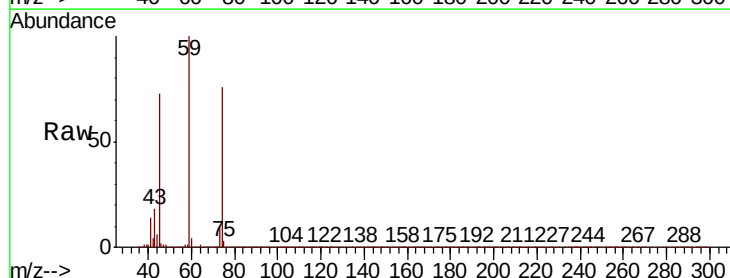
Tot Ion:101 Resp: 447565
Ion Ratio Lower Upper
101 100
103 65.5 52.3 78.5

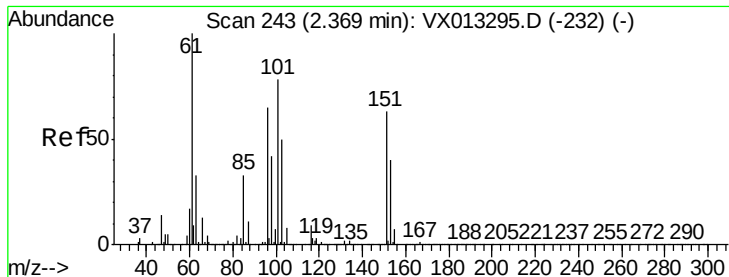


#8

Diethyl Ether
Concen: 44.962 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion: 74 Resp: 212085
Ion Ratio Lower Upper
74 100
45 96.7 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.997 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

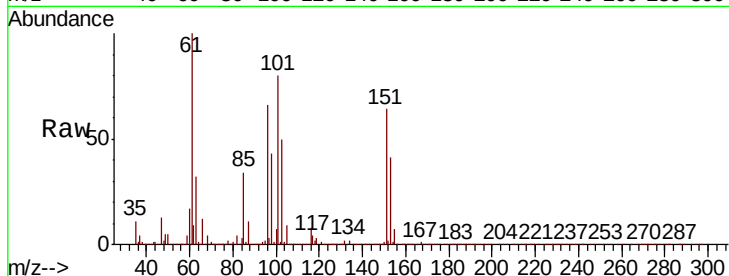
Tot Ion:101 Resp: 279407

Ion Ratio Lower Upper

101 100

85 41.9 34.4 51.6

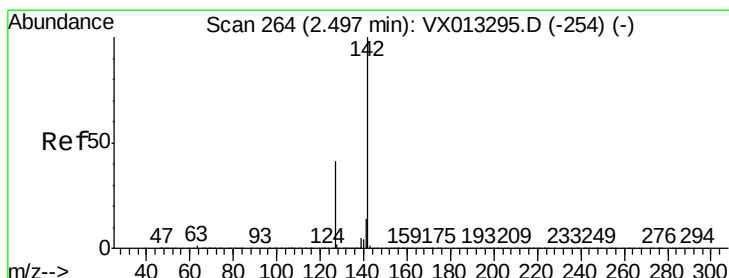
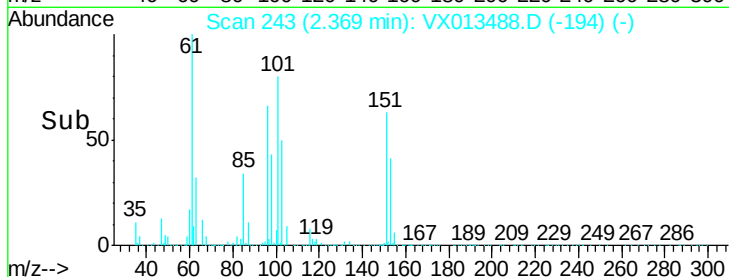
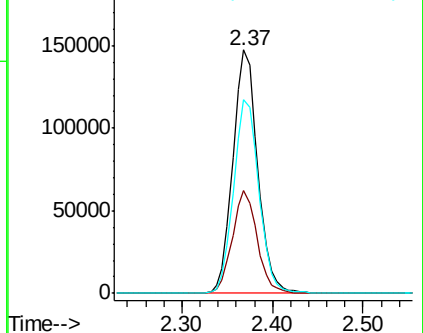
151 81.4 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.131 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

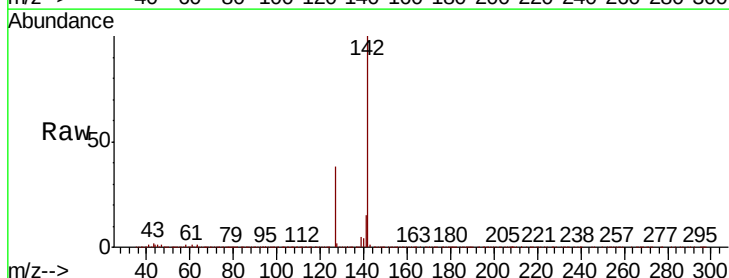
Tgt Ion:142 Resp: 295393

Ion Ratio Lower Upper

142 100

127 39.4 32.6 49.0

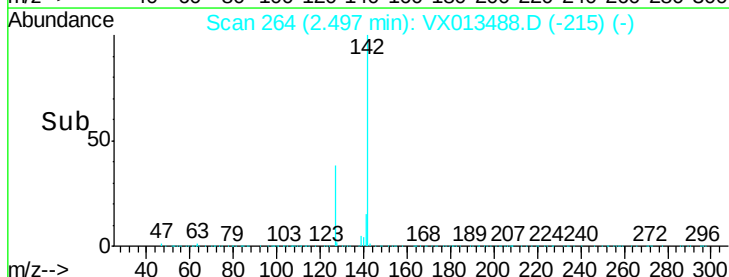
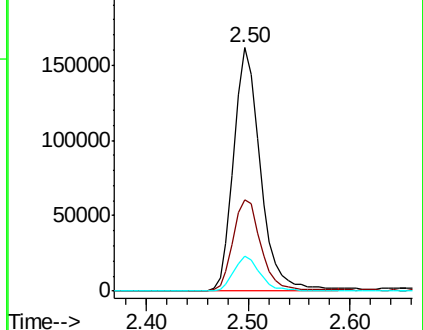
141 14.1 11.6 17.4

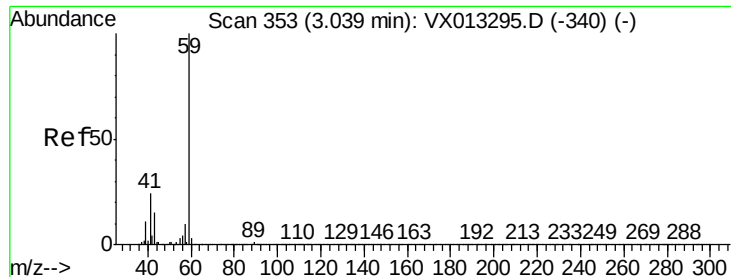


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



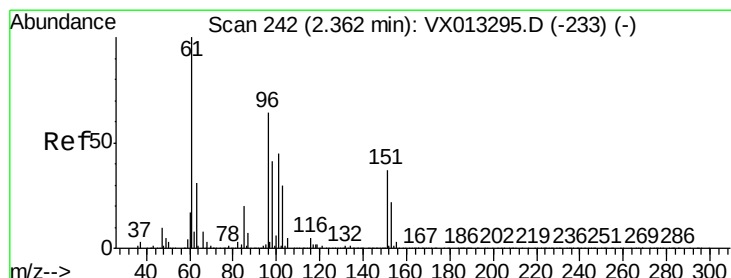
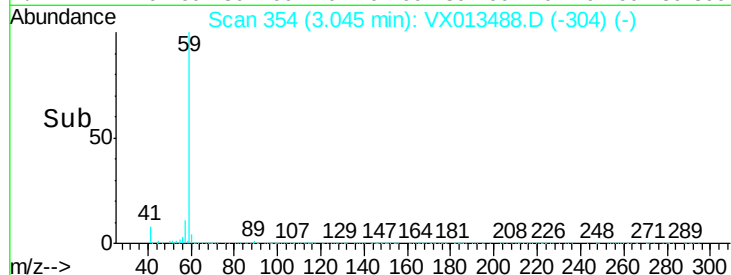
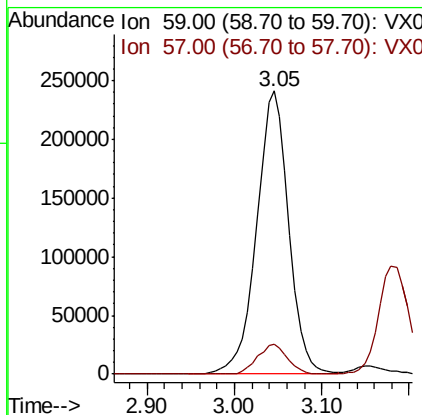
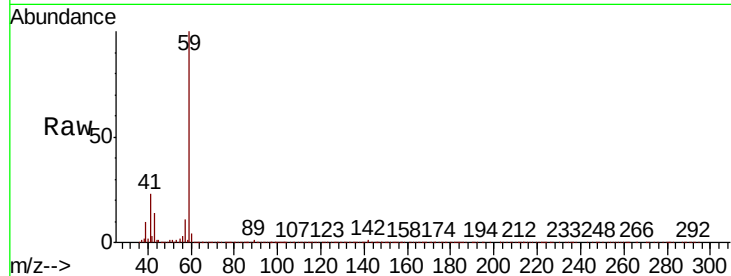


#11

Tert butyl alcohol
Concen: 310.096 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampled :
MW-3MSD

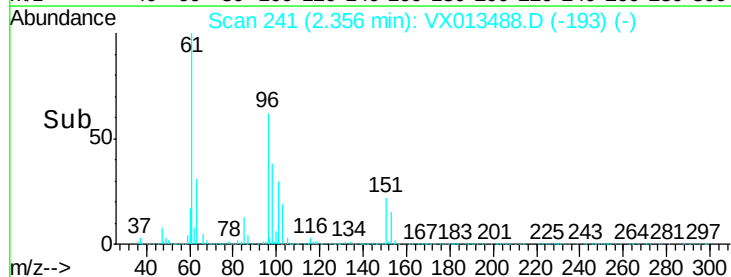
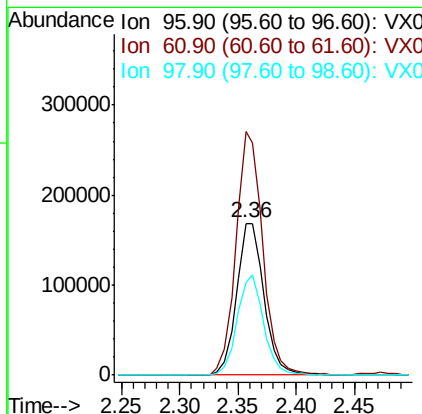
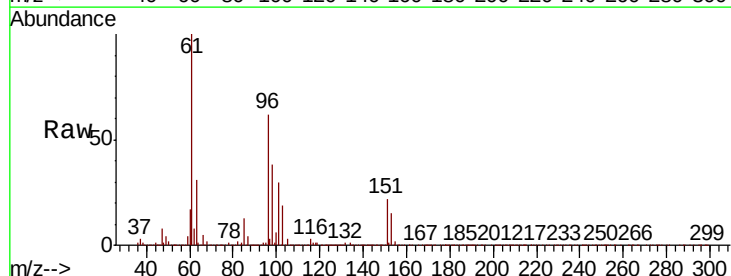
Tot Ion: 59 Resp: 614568
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0

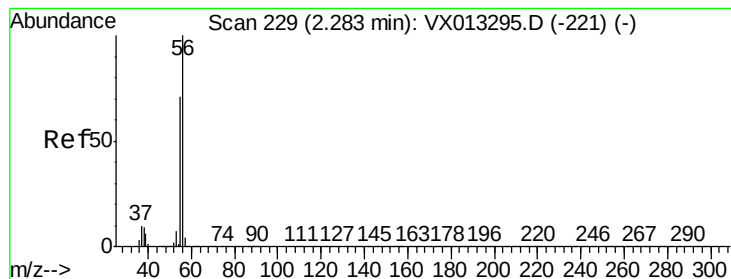


#12

1,1-Dichloroethene
Concen: 47.111 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion: 96 Resp: 274283
Ion Ratio Lower Upper
96 100
61 160.4 125.0 187.6
98 60.9 50.7 76.1





#13

Acrolein

Concen: 205.879 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

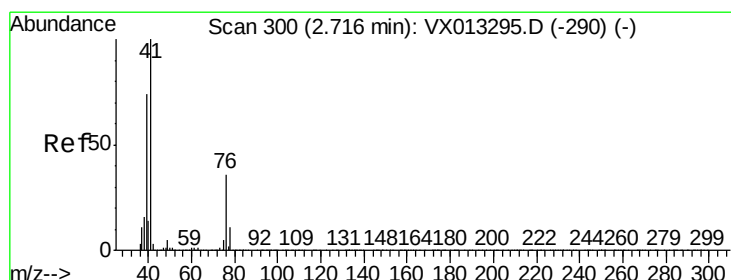
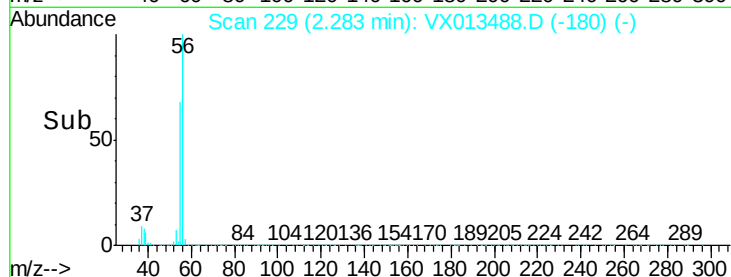
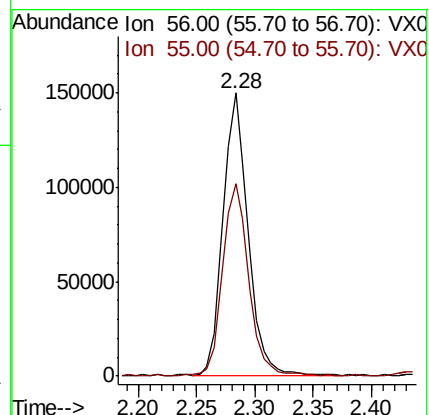
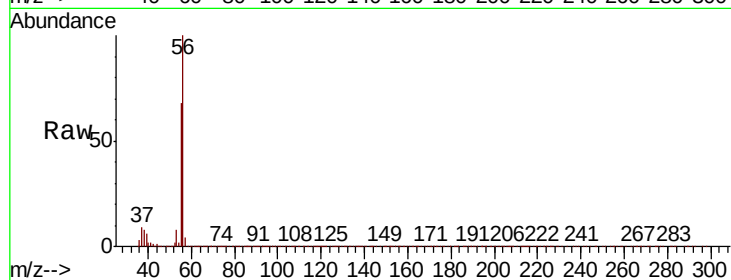
MW-3MSD

Tot Ion: 56 Resp: 221138

Ion Ratio Lower Upper

56 100

55 70.3 57.4 86.0



#14

Allyl chloride

Concen: 49.178 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

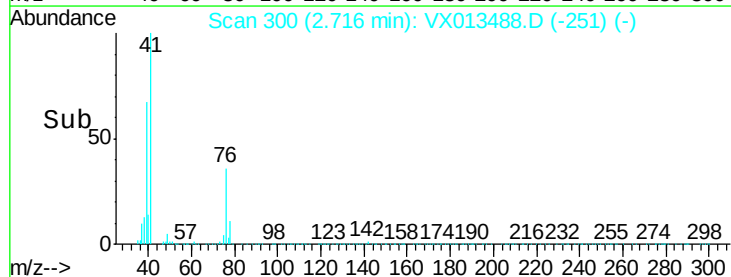
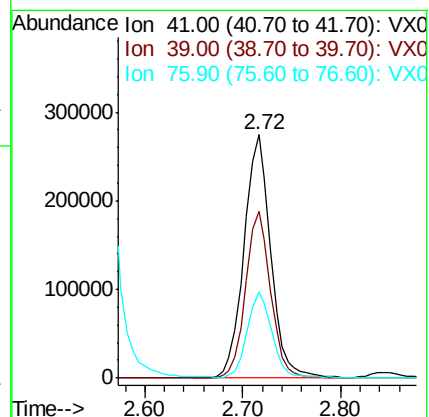
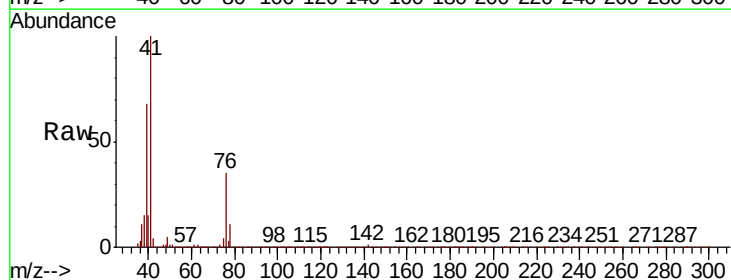
Tgt Ion: 41 Resp: 520222

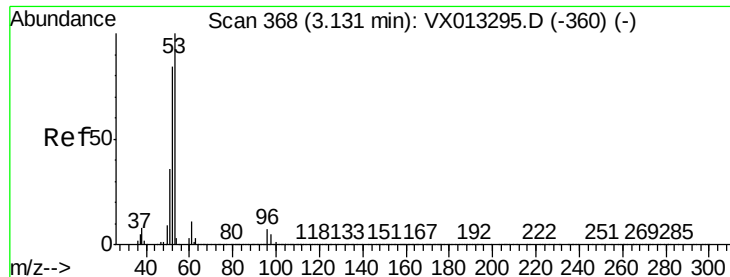
Ion Ratio Lower Upper

41 100

39 64.1 55.8 83.8

76 32.1 26.4 39.6





#15

Acrylonitrile

Concen: 267.157 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

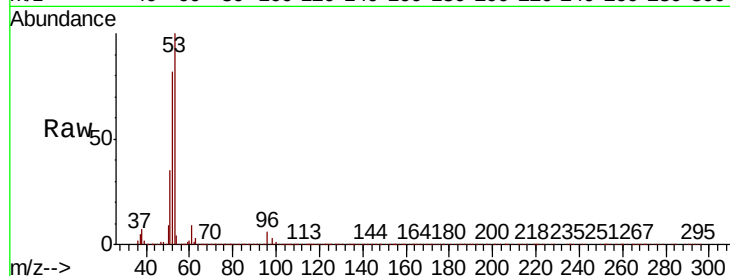
Tot Ion: 53 Resp: 989024

Ion Ratio Lower Upper

53 100

52 83.8 67.4 101.0

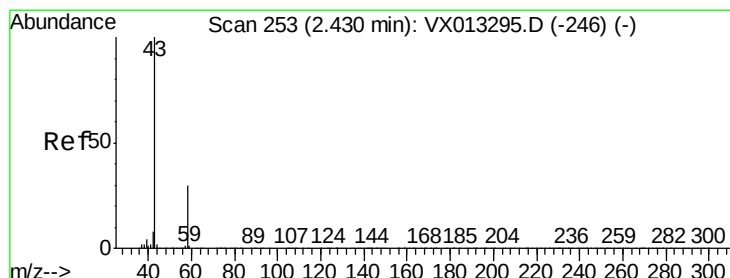
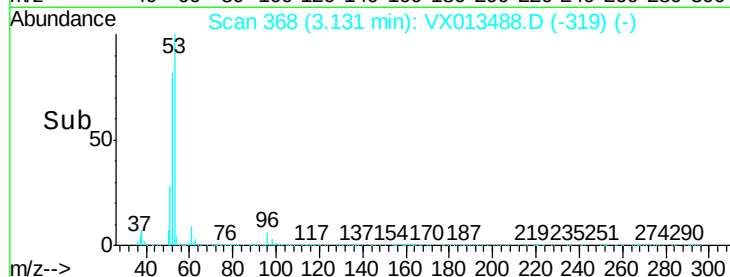
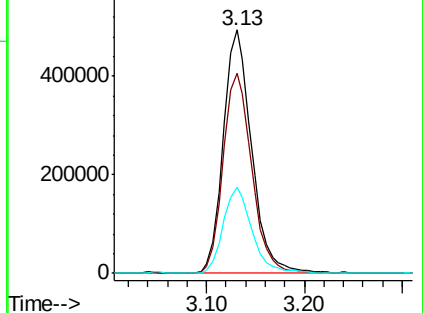
51 36.0 29.4 44.2



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: 247.913 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013488.D

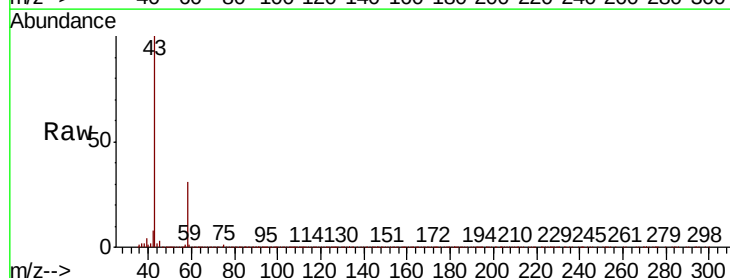
Acq: 20 Nov 2019 19:28

Tgt Ion: 43 Resp: 929802

Ion Ratio Lower Upper

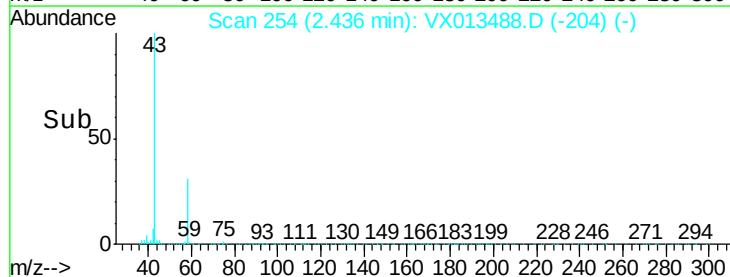
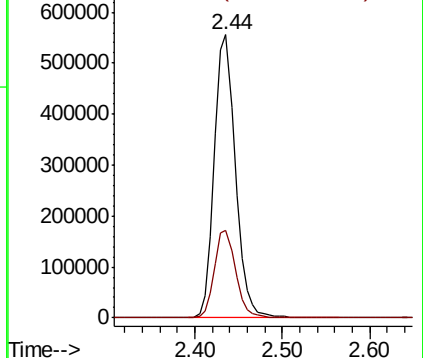
43 100

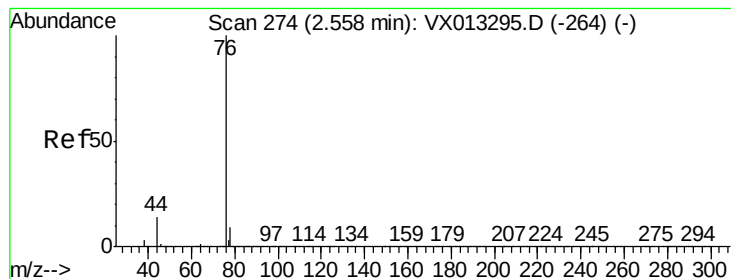
58 31.1 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.410 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

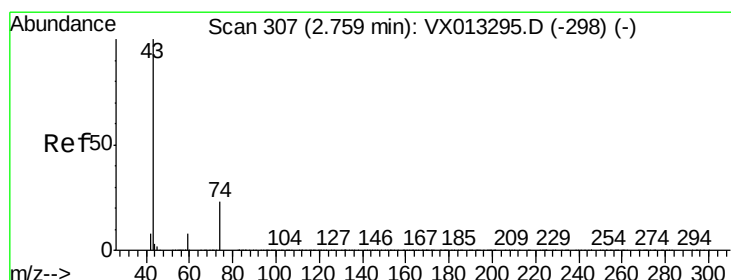
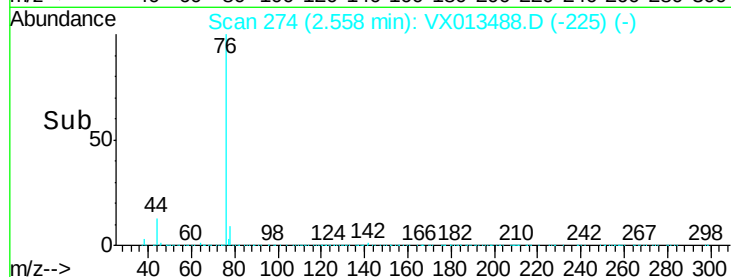
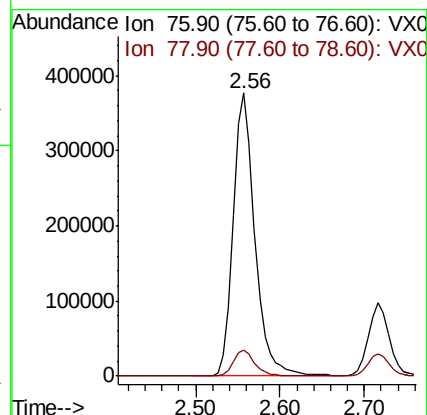
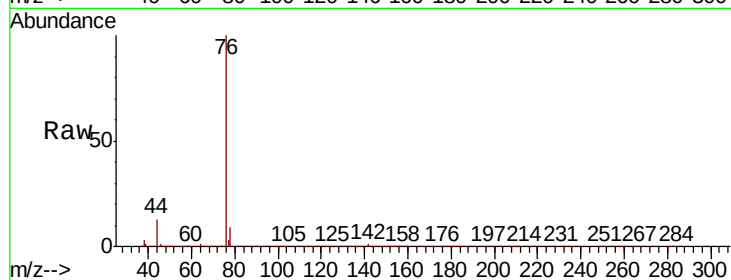
MW-3MSD

Tot Ion: 76 Resp: 660867

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 53.679 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013488.D

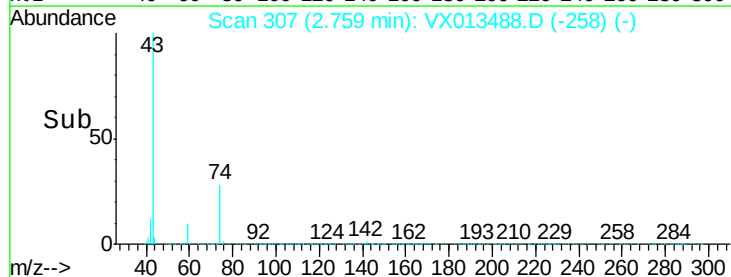
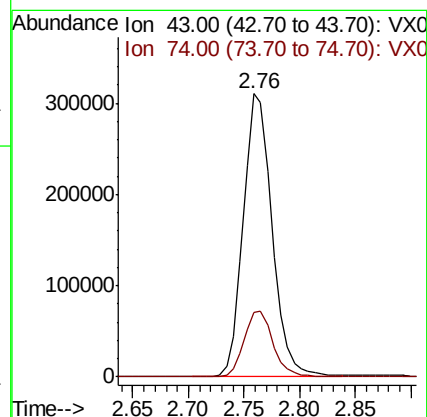
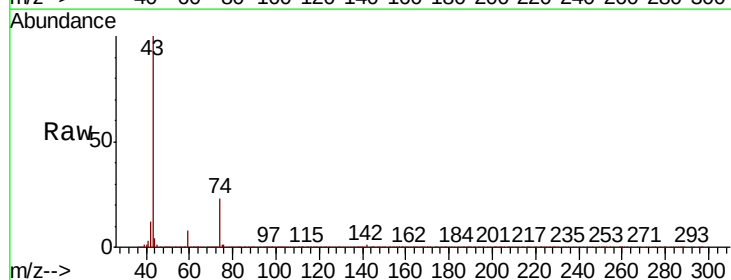
Acq: 20 Nov 2019 19:28

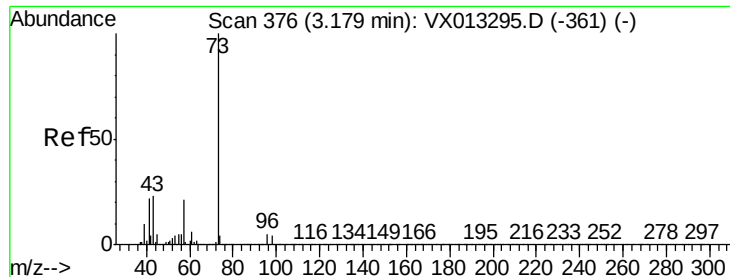
Tgt Ion: 43 Resp: 555809

Ion Ratio Lower Upper

43 100

74 23.9 19.0 28.6

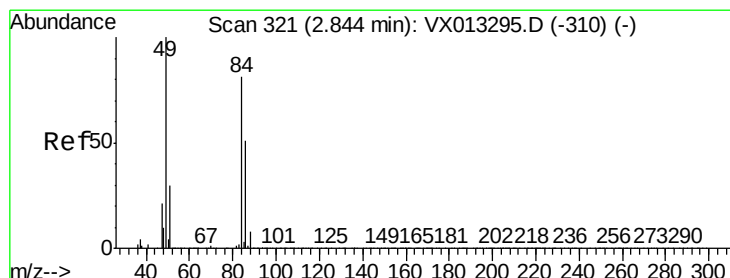
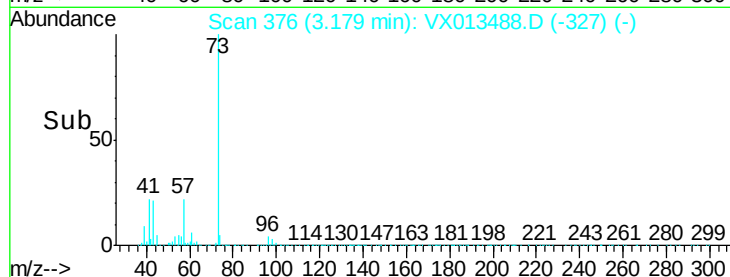
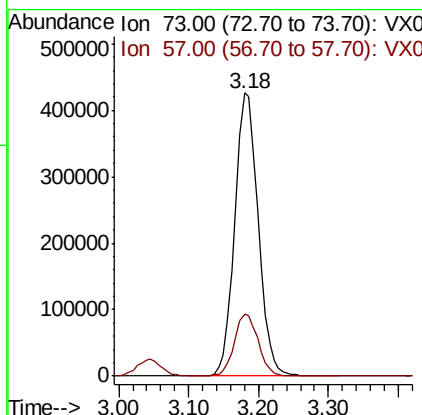
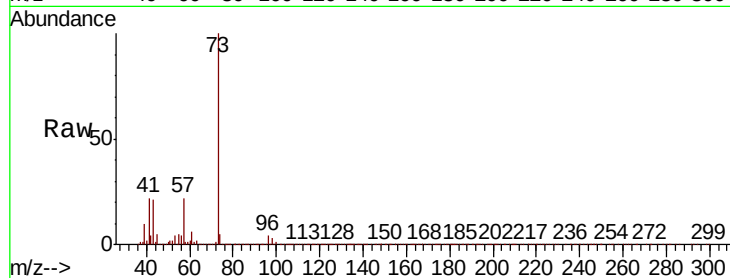




#19
Methyl tert-butyl Ether
Concen: 51.184 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

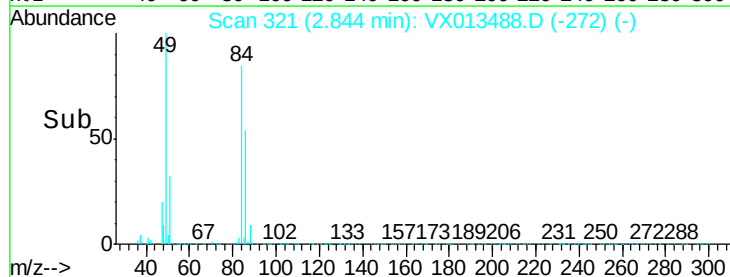
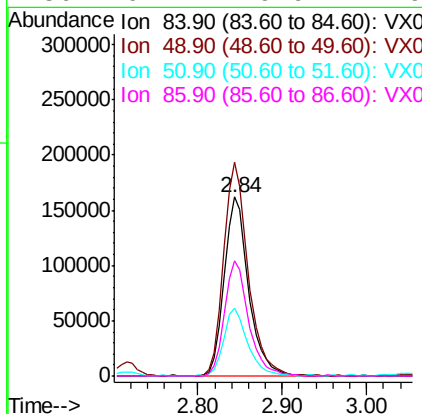
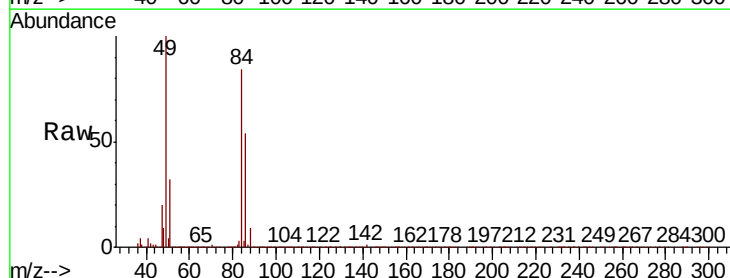
Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

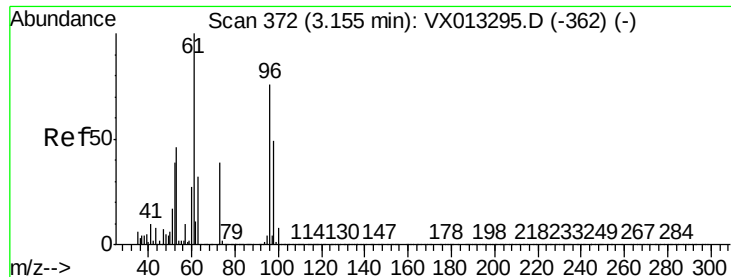
Tot Ion: 73 Resp: 993902
Ion Ratio Lower Upper
73 100
57 21.6 17.1 25.7



#20
Methylene Chloride
Concen: 46.556 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion: 84 Resp: 322610
Ion Ratio Lower Upper
84 100
49 119.4 98.2 147.4
51 38.1 29.9 44.9
86 64.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 45.826 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

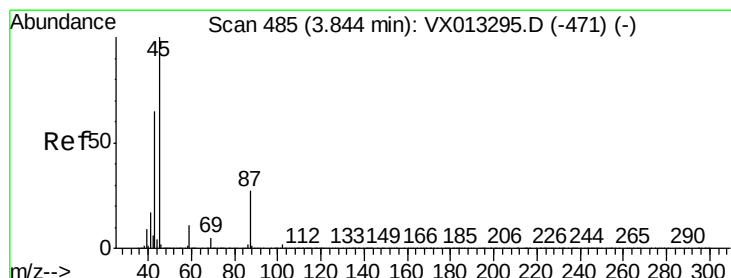
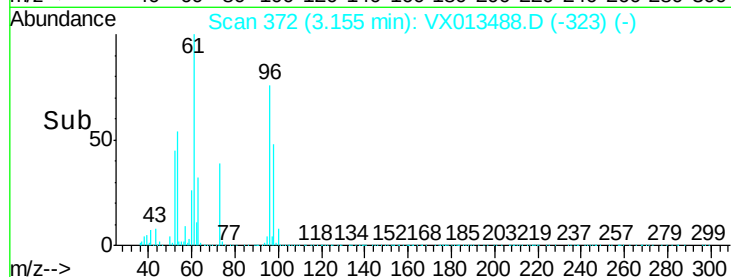
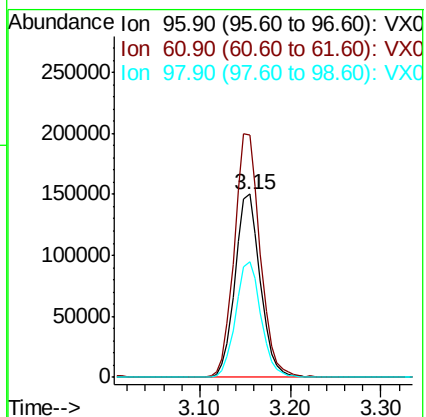
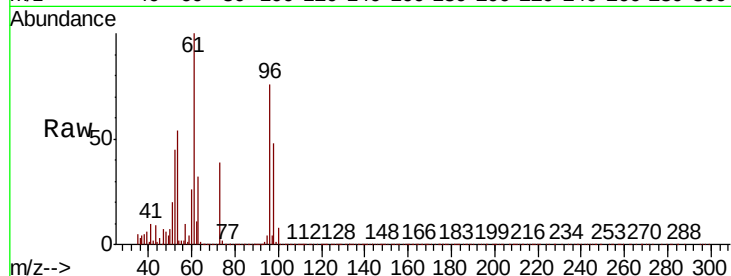
Tot Ion: 96 Resp: 290494

Ion Ratio Lower Upper

96 100

61 132.0 105.8 158.6

98 63.1 51.8 77.6



#22

Diisopropyl ether

Concen: 50.144 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Tgt Ion: 45 Resp: 1024068

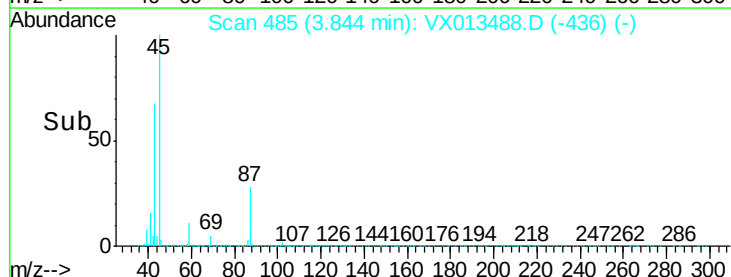
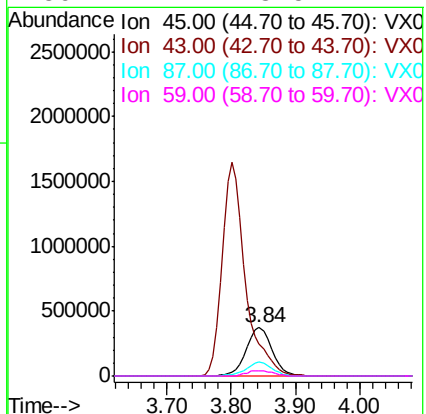
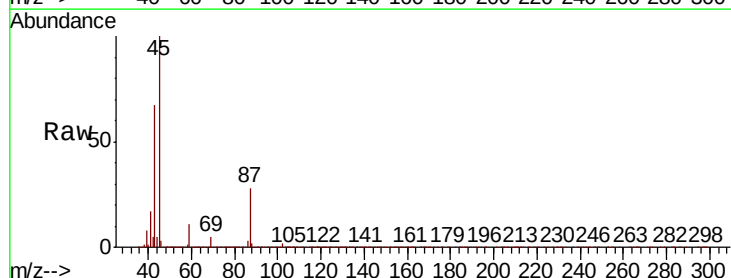
Ion Ratio Lower Upper

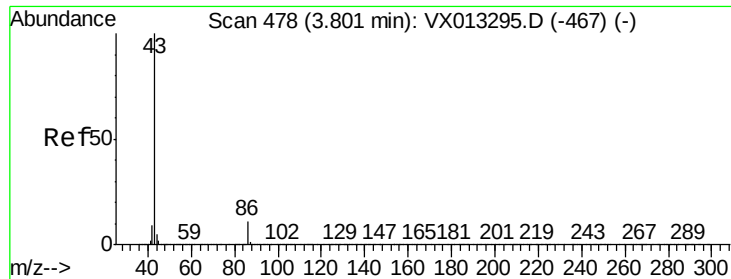
45 100

43 67.0 54.2 81.2

87 28.3 21.8 32.8

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 240.414 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

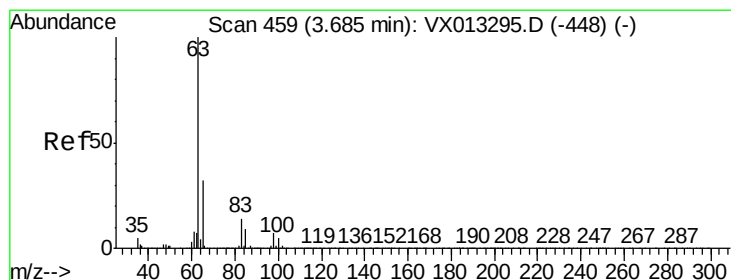
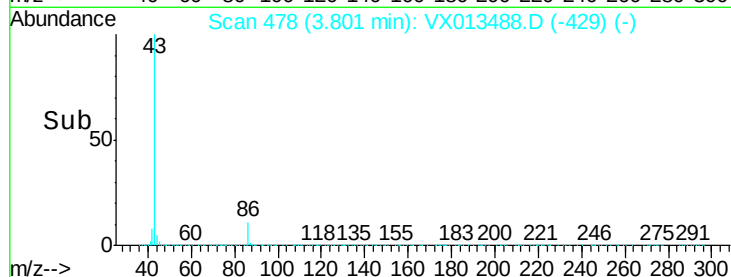
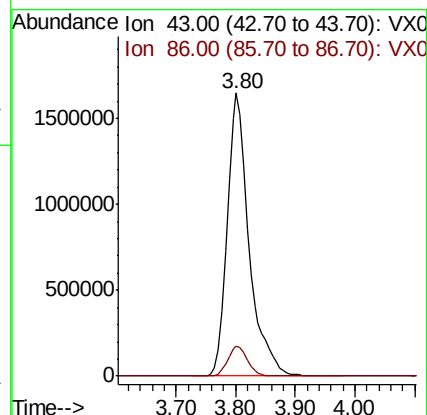
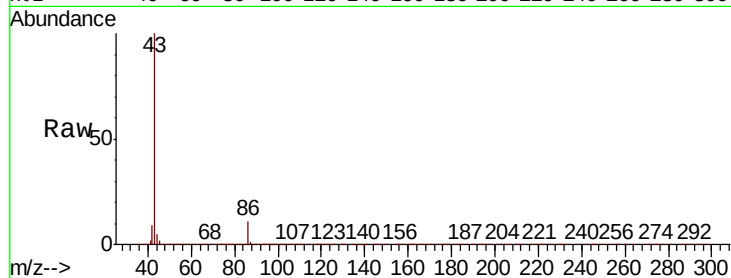
MW-3MSD

Tot Ion: 43 Resp: 4201376

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.669 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

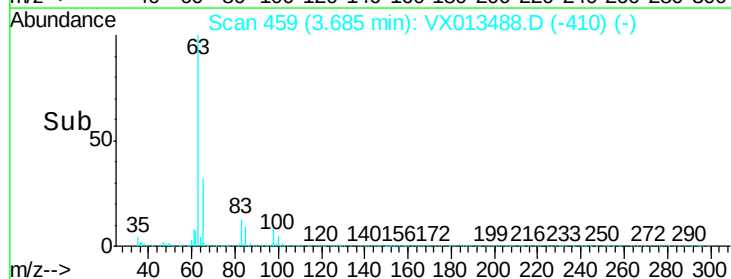
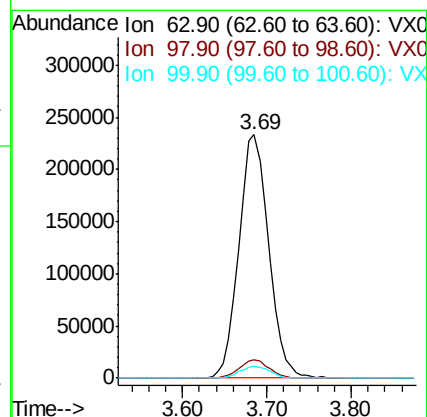
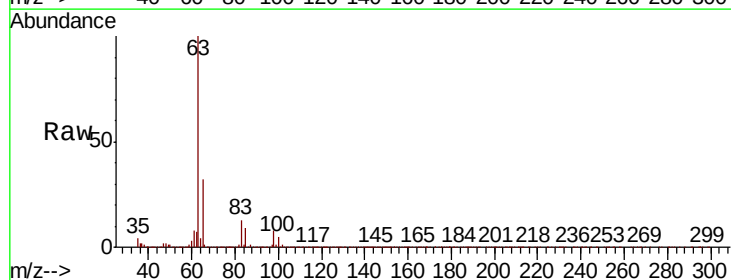
Tgt Ion: 63 Resp: 556019

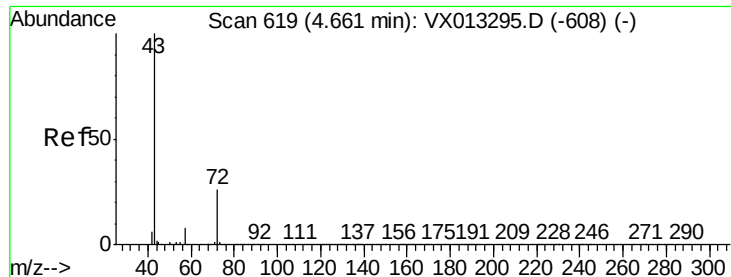
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 271.126 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

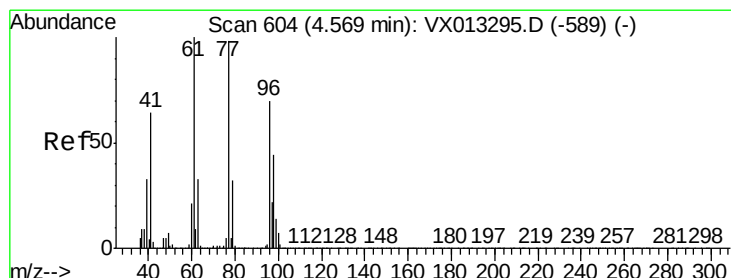
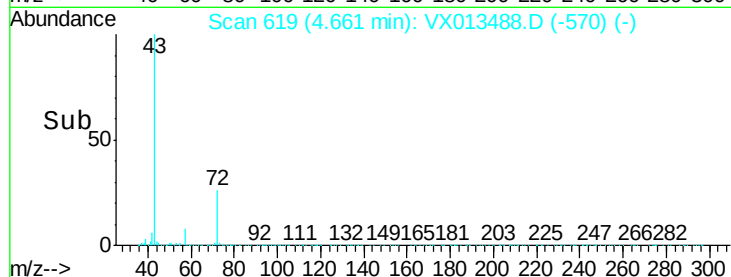
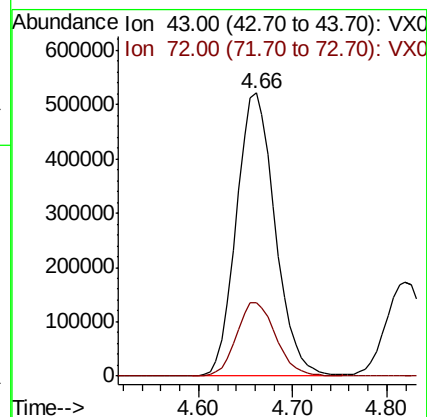
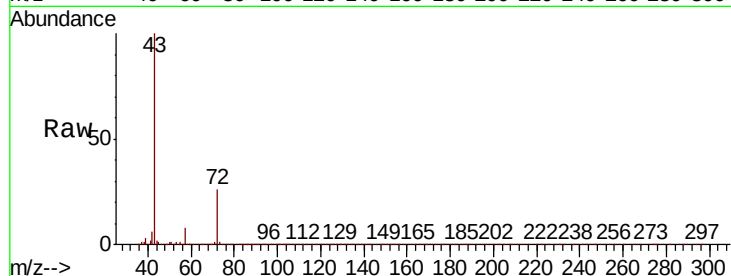
MW-3MSD

Tot Ion: 43 Resp: 1491757

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 47.614 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013488.D

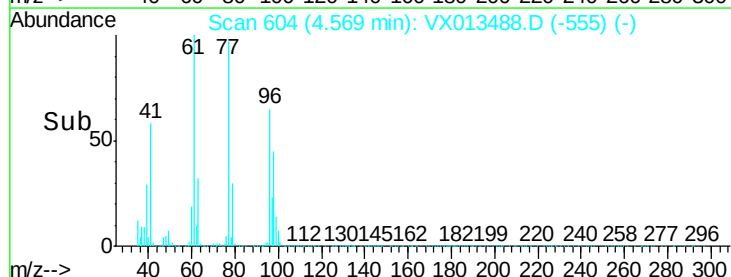
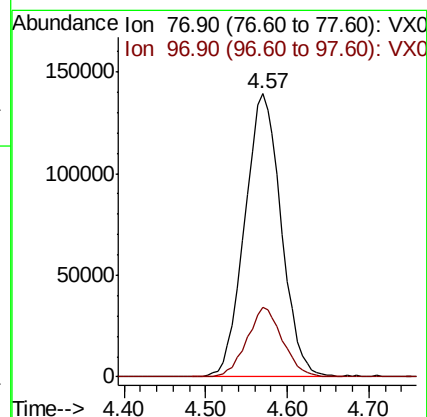
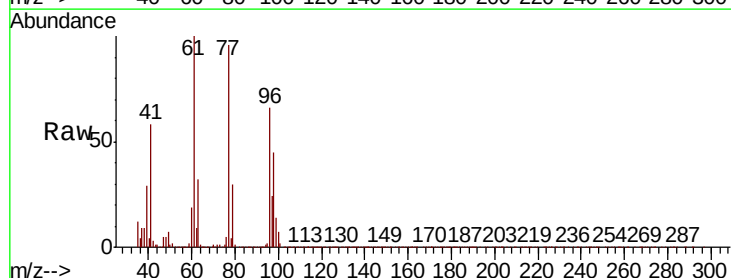
Acq: 20 Nov 2019 19:28

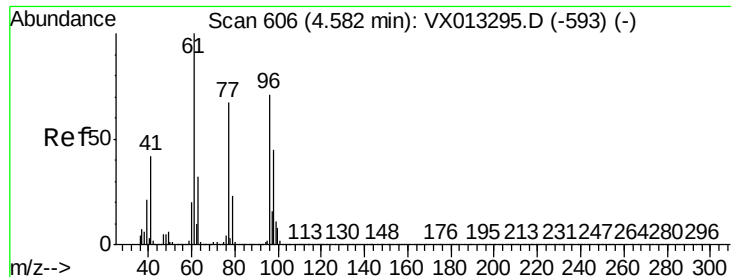
Tgt Ion: 77 Resp: 432738

Ion Ratio Lower Upper

77 100

97 23.8 11.3 33.8



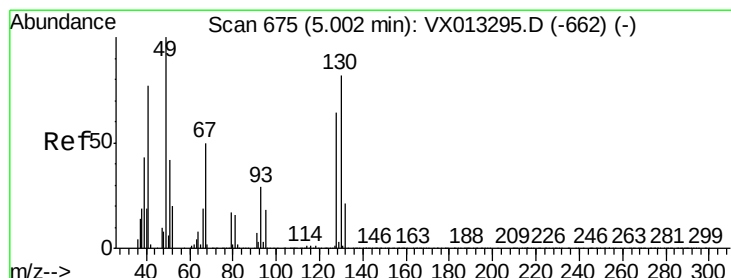
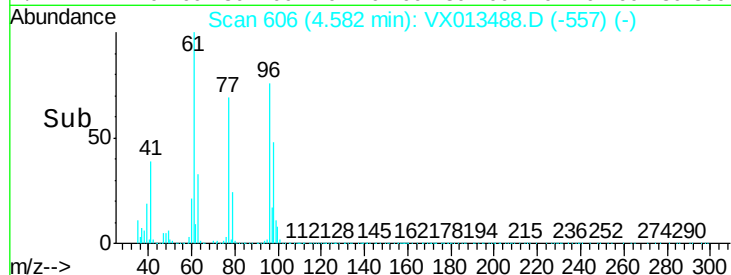
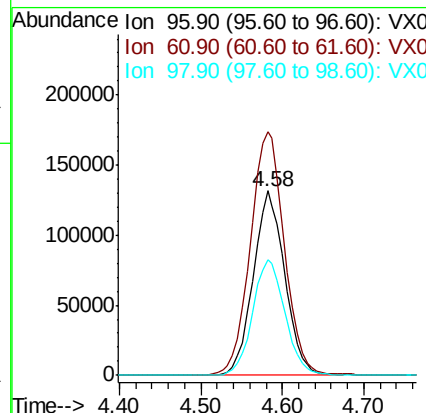
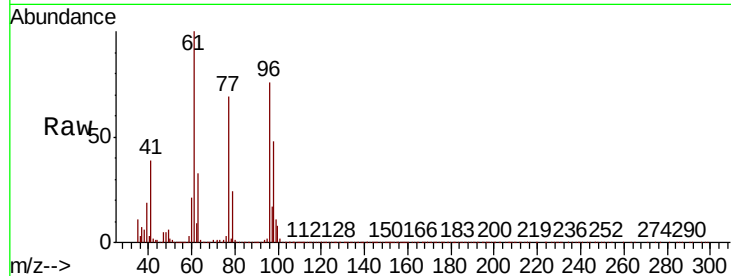


#27

cis-1,2-Dichloroethene
Concen: 49.985 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

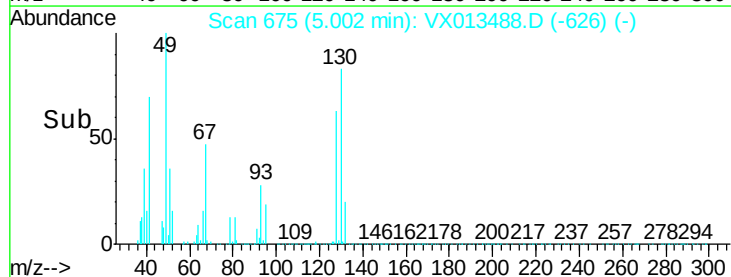
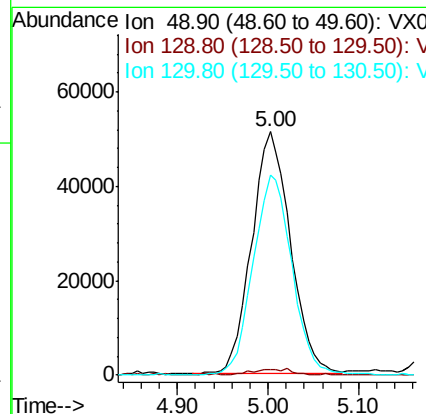
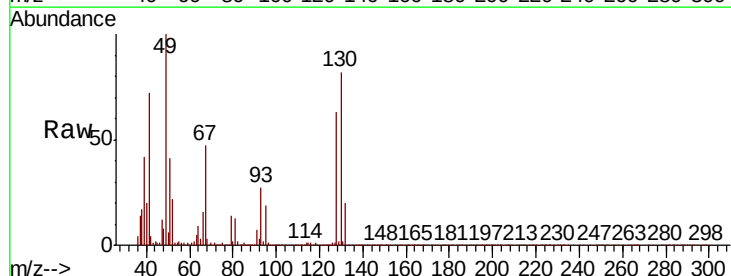
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	288.0
98	64.0	0.0	129.6

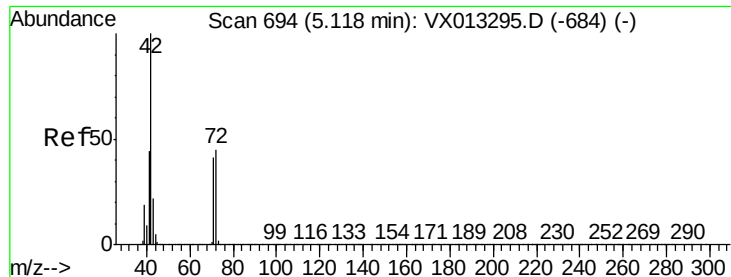


#28

Bromochloromethane
Concen: 47.023 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	82.3	63.8	95.6

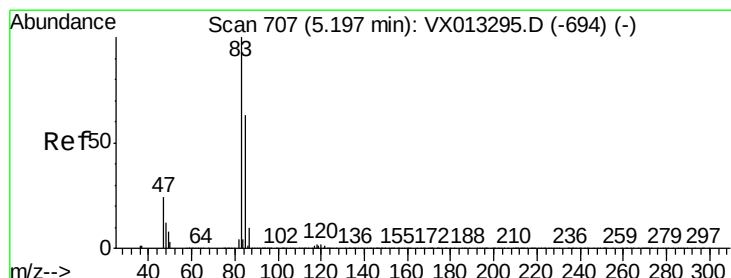
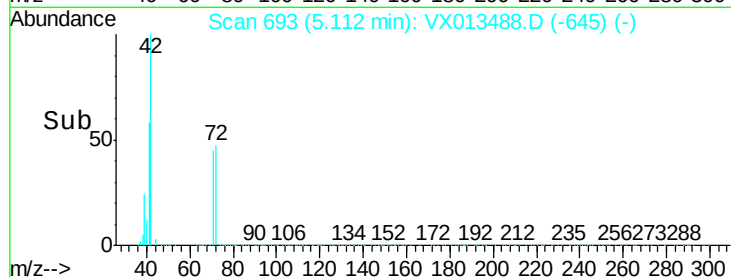
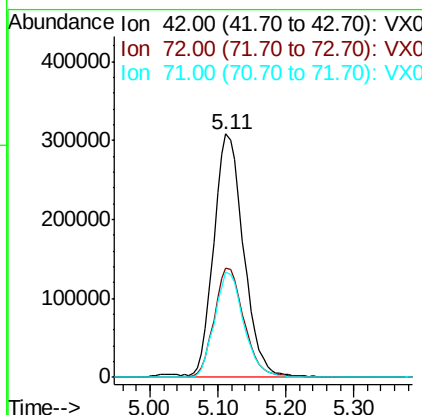
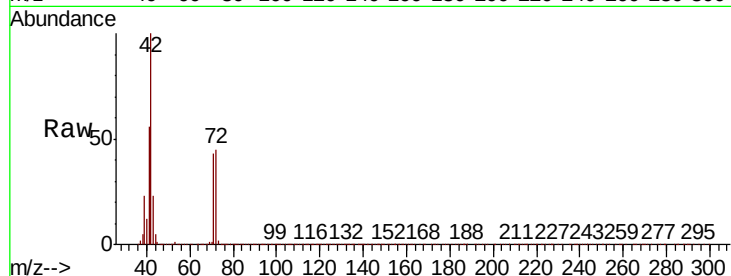




#29
Tetrahydrofuran
Concen: 274.960 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

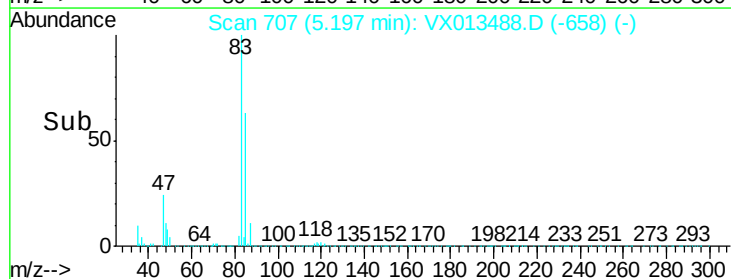
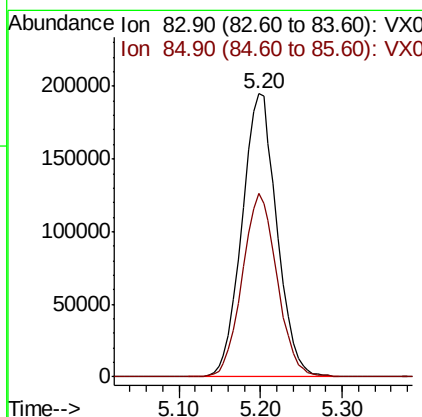
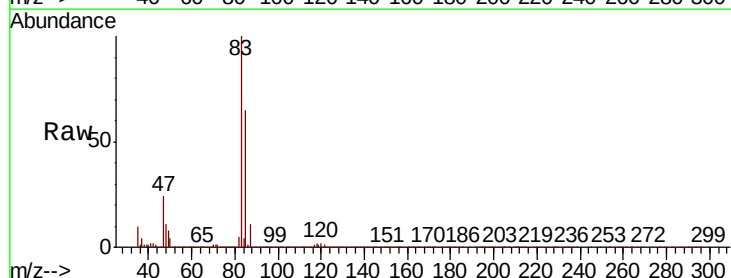
Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

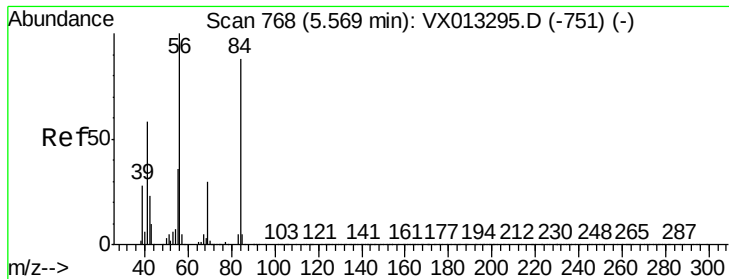
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.8	53.8
71	42.6	33.4	50.0



#30
Chloroform
Concen: 51.285 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.4

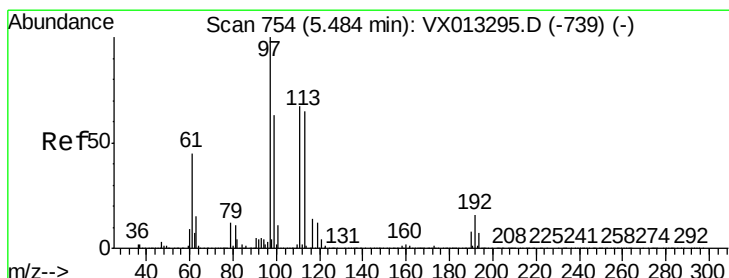
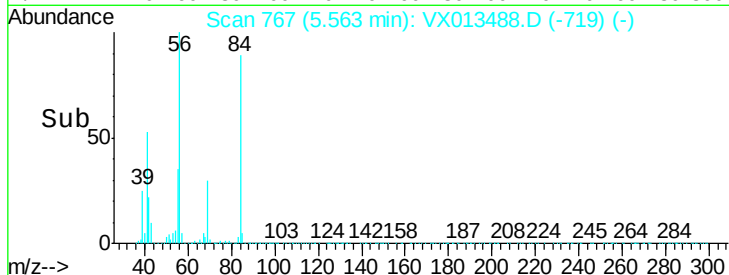
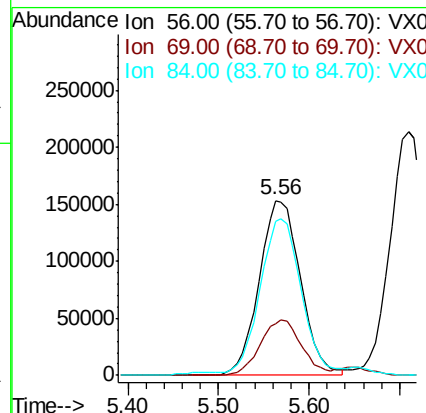
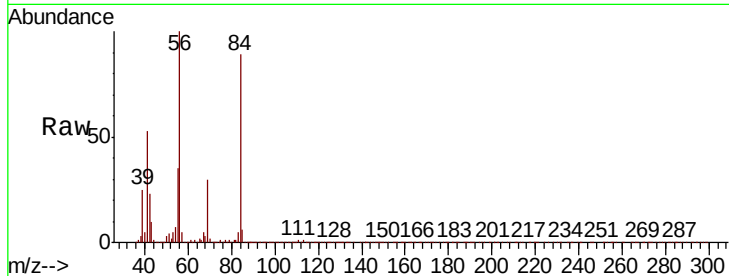




#31
Cyclohexane
Concen: 46.824 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

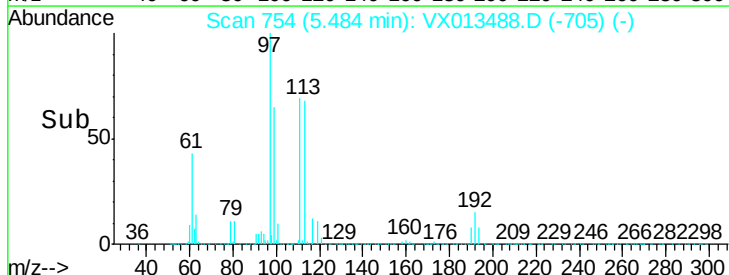
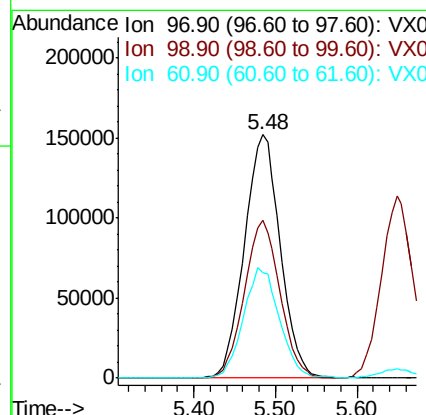
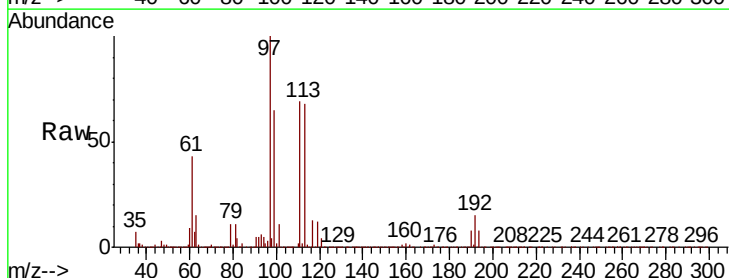
Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

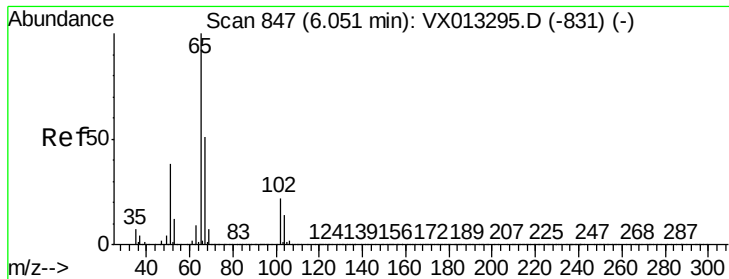
Tot Ion: 56 Resp: 481357
Ion Ratio Lower Upper
56 100
69 29.5 23.7 35.5
84 87.2 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 47.827 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion: 97 Resp: 464321
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 45.0 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 46.905 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

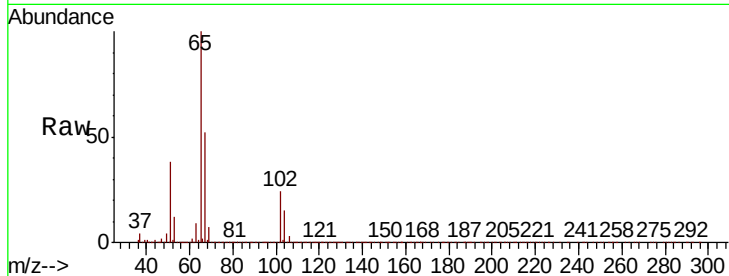
MW-3MSD

Tot Ion: 65 Resp: 352693

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

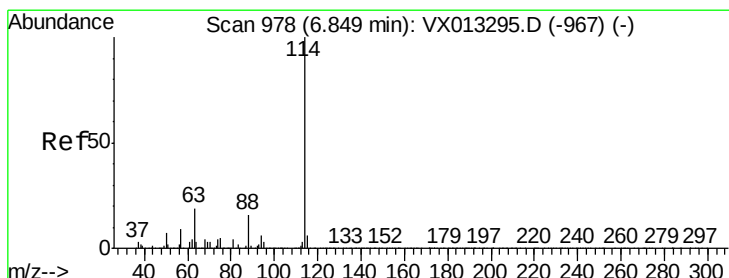
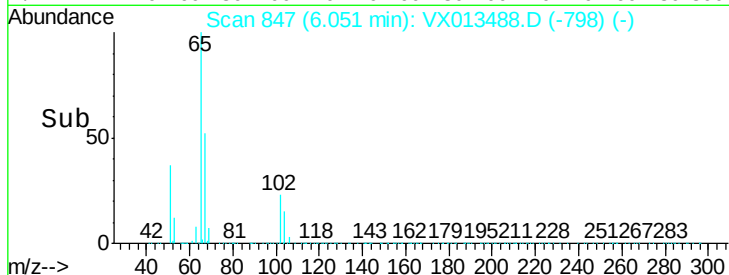
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

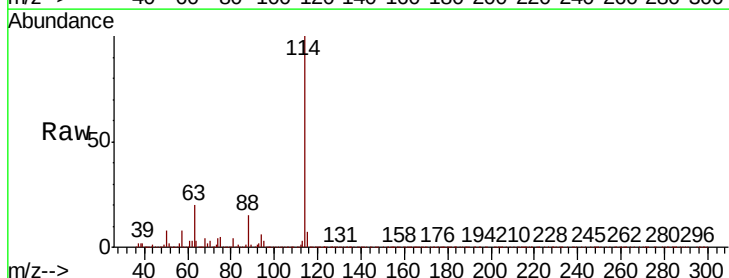
Tgt Ion: 114 Resp: 967654

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

88 15.1 0.0 32.2



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

6.85

500000

400000

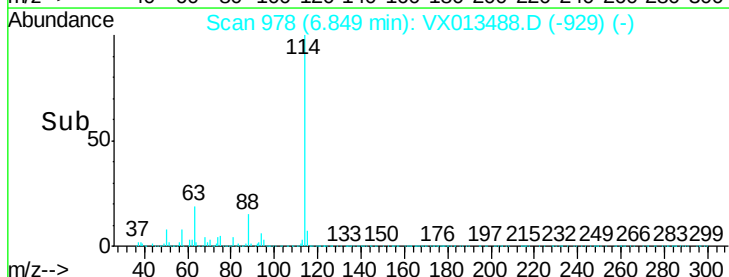
300000

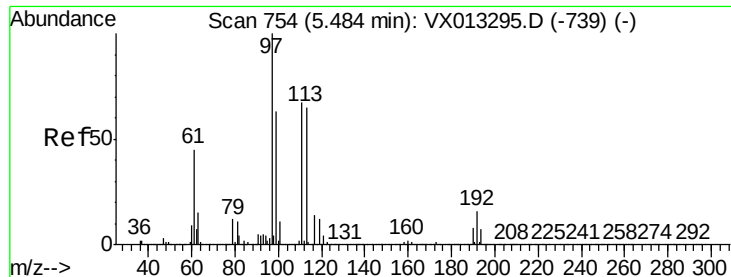
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.292 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

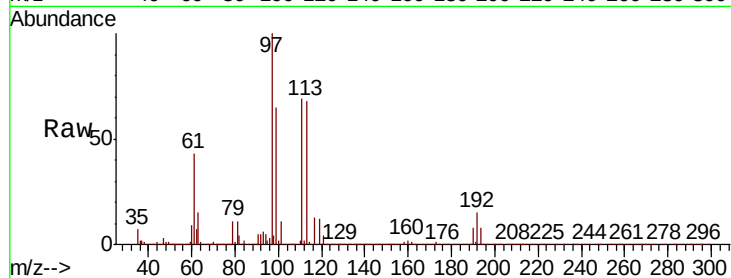
Tot Ion:113 Resp: 293097

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

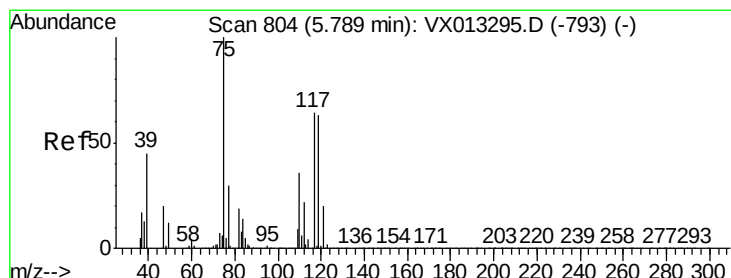
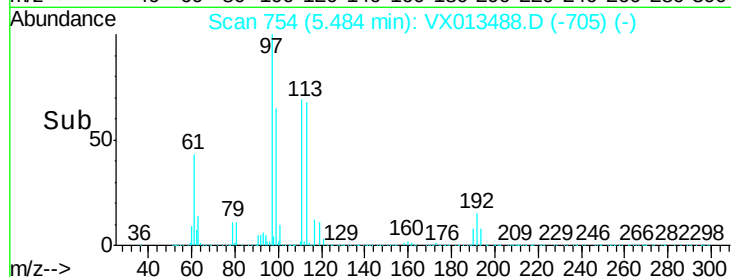
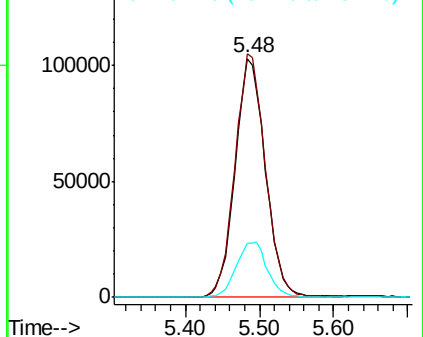
192 23.8 19.1 28.7



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: 47.876 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

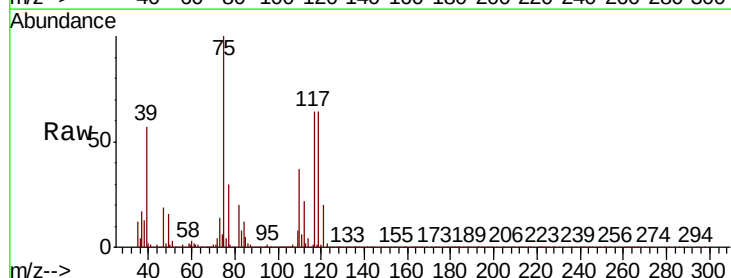
Tgt Ion: 75 Resp: 397431

Ion Ratio Lower Upper

75 100

110 37.4 18.1 54.1

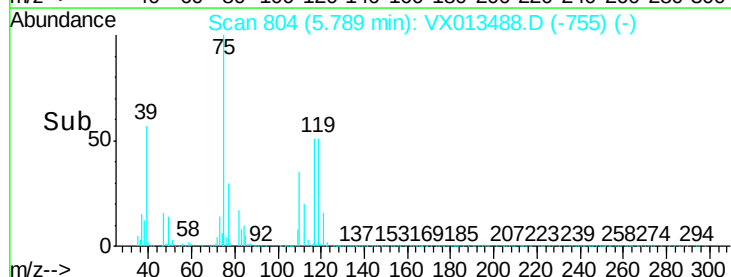
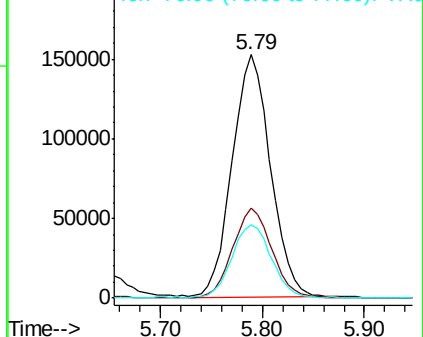
77 30.8 25.0 37.4

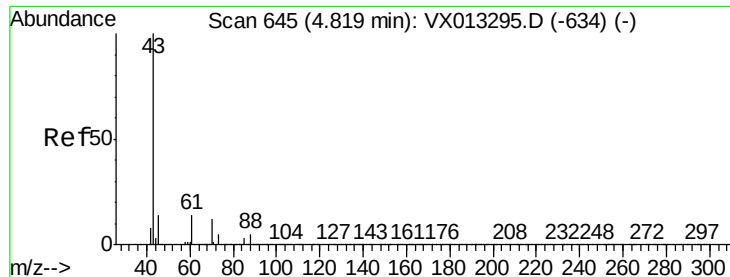


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

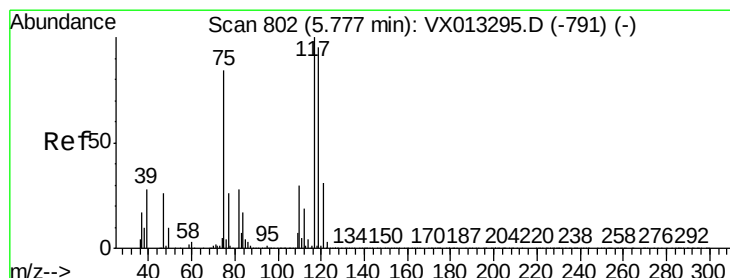
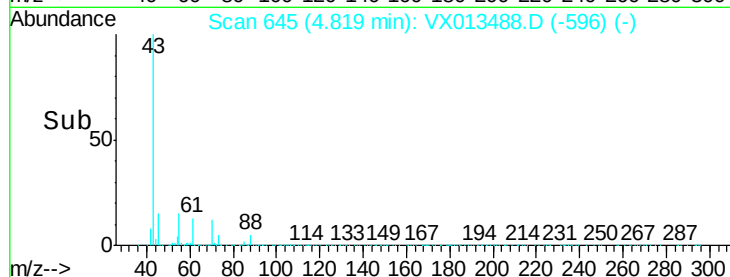
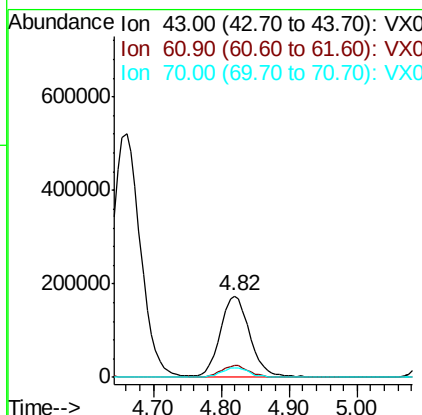
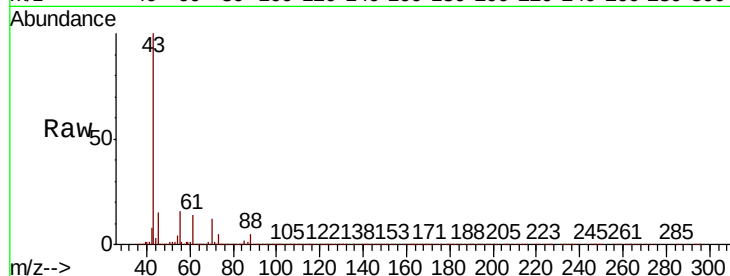




#37
Ethyl Acetate
Concen: 50.953 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

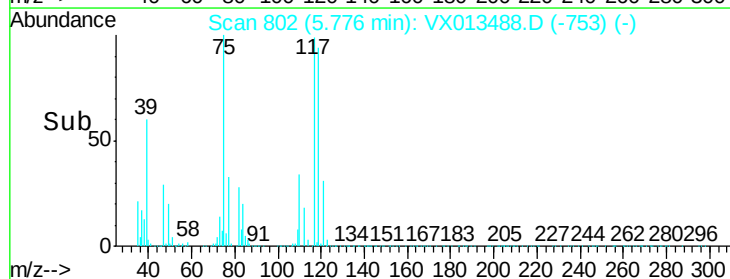
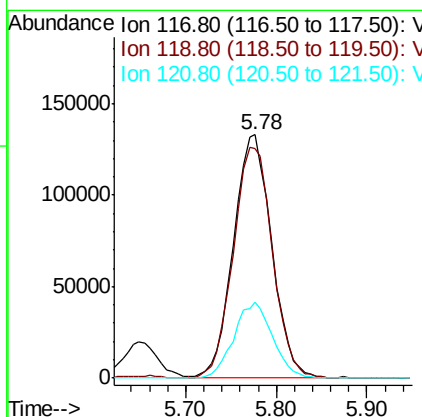
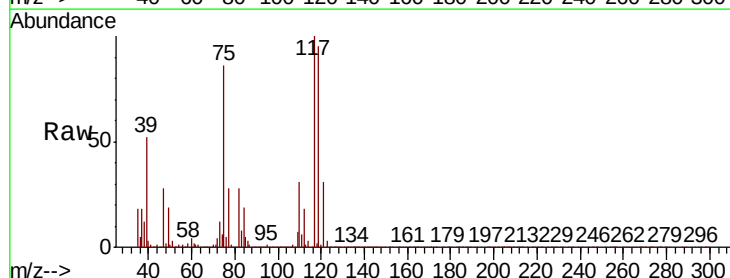
Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

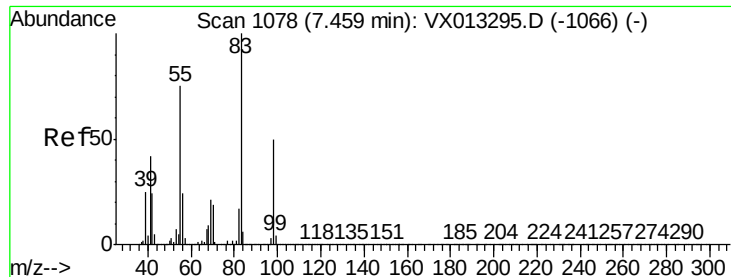
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	11.3	8.7	13.1



#38
Carbon Tetrachloride
Concen: 47.744 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.1	114.1
121	30.9	24.6	37.0

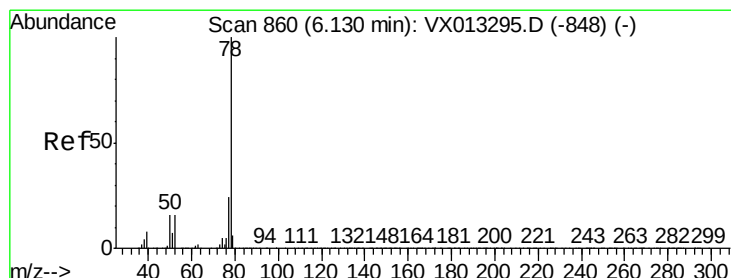
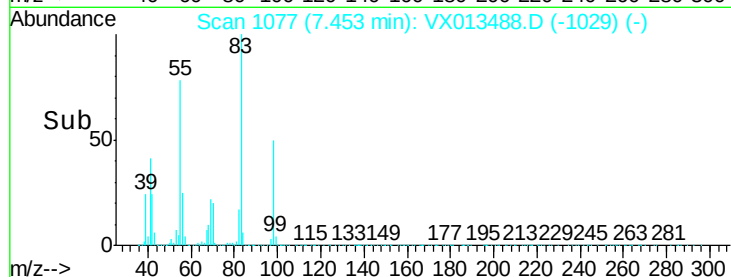
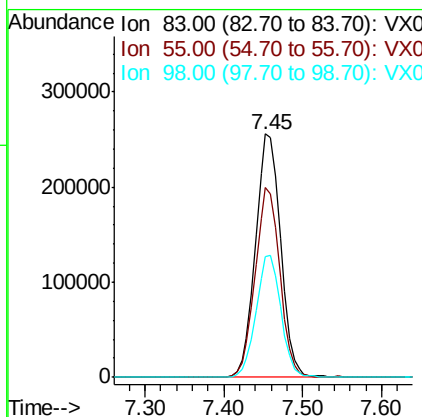
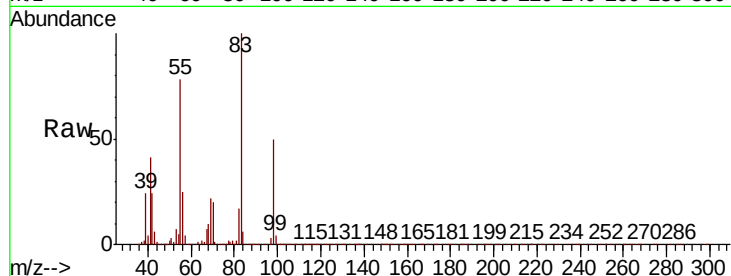




#39
Methylvlcyclohexane
Concen: 54.978 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

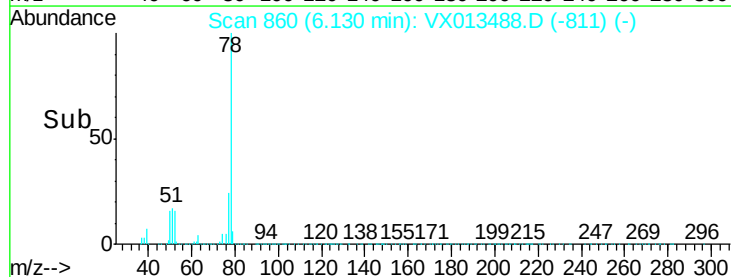
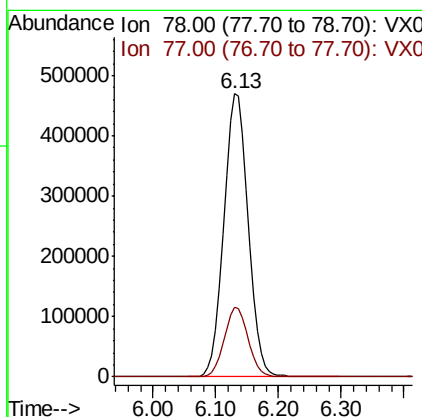
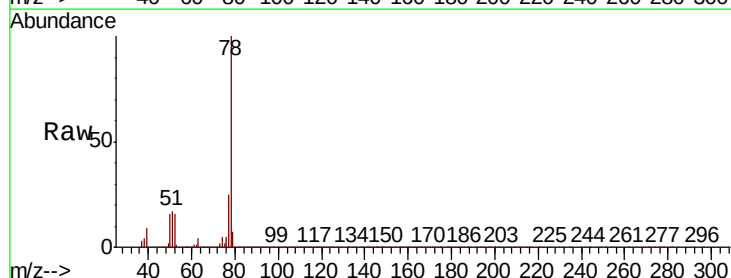
Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

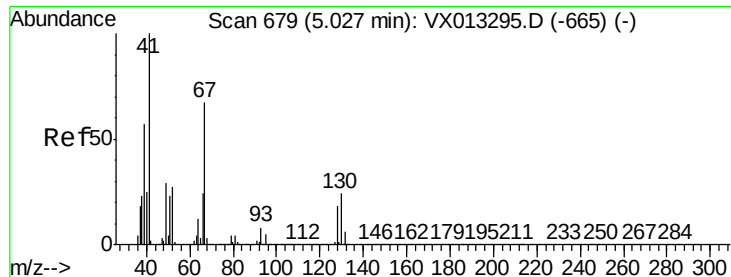
Tot Ion	83	Resp	568669
Ion	Ratio	Lower	Upper
83	100		
55	78.1	60.3	90.5
98	49.7	40.3	60.5



#40
Benzene
Concen: 48.710 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	78	Resp	1259548
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3

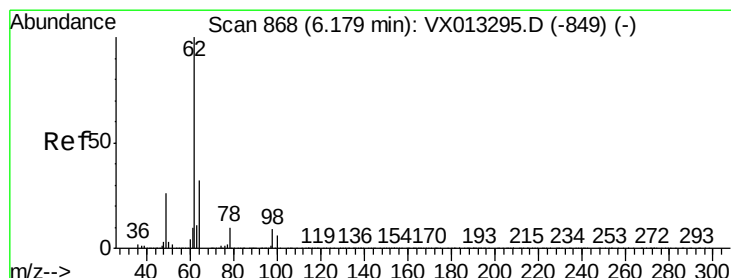
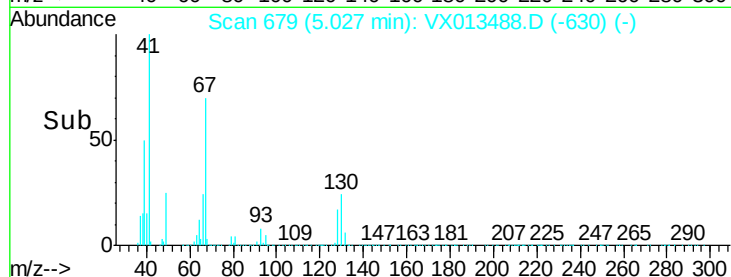
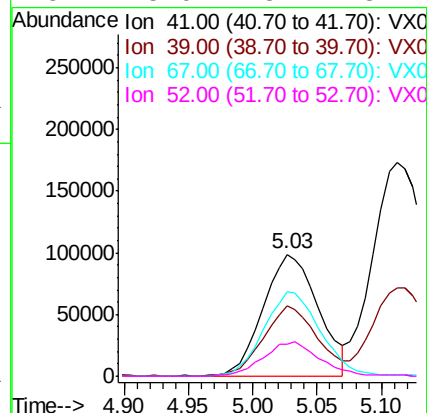
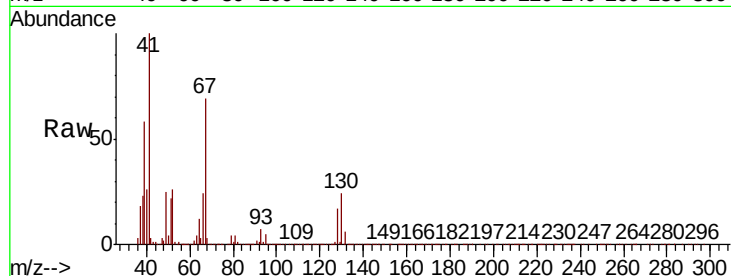




#41
Methacrylonitrile
Concen: 50.472 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

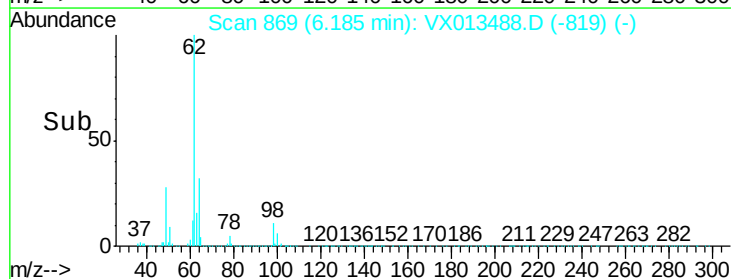
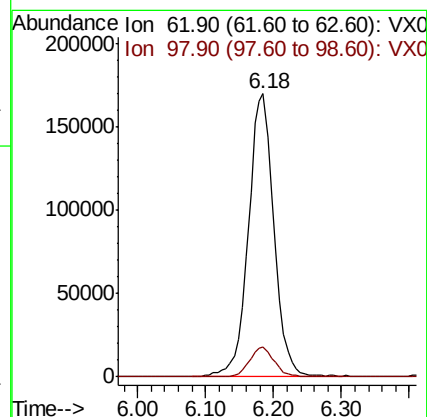
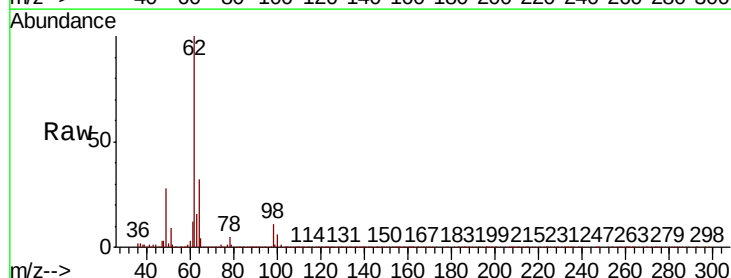
Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

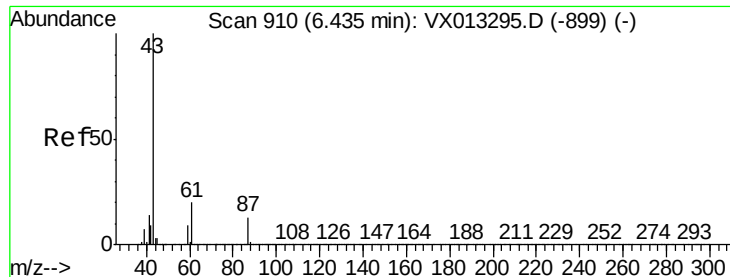
Tot Ion:	41	Resp:	290185
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.0	67.6
67	71.2	55.4	83.2
52	28.0	23.1	34.7



#42
1,2-Dichloroethane
Concen: 47.591 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion:	62	Resp:	443893
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4





#43

Isopropyl Acetate

Concen: 52.542 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

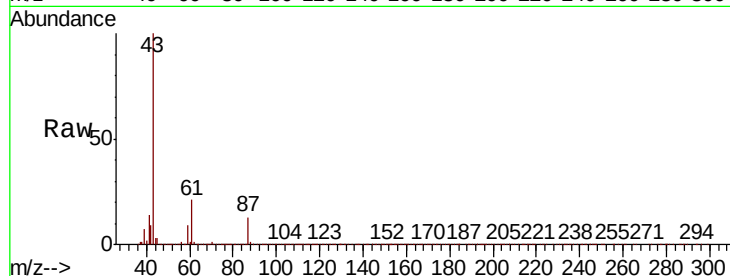
Tot Ion: 43 Resp: 839239

Ion Ratio Lower Upper

43 100

61 20.3 15.8 23.8

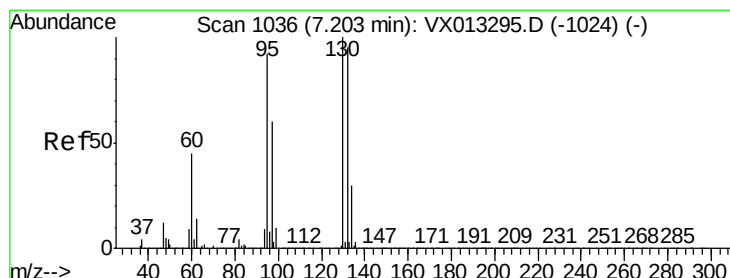
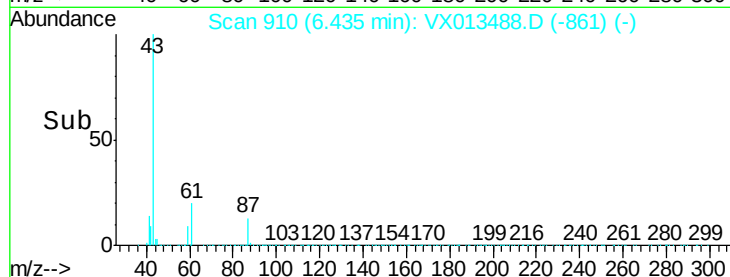
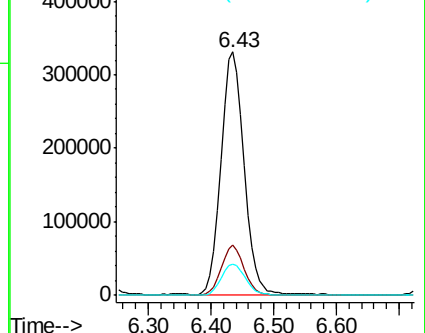
87 13.4 10.4 15.6



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: 47.778 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013488.D

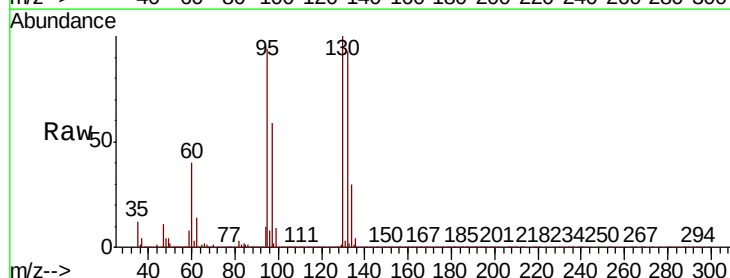
Acq: 20 Nov 2019 19:28

Tgt Ion:130 Resp: 340076

Ion Ratio Lower Upper

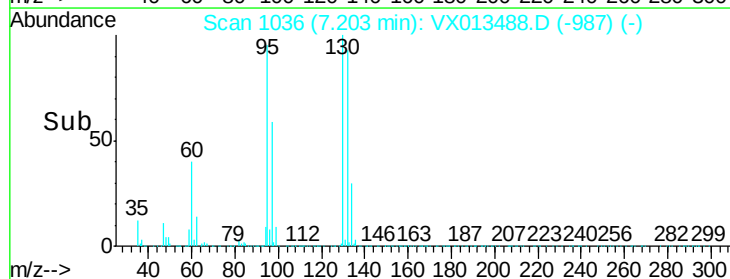
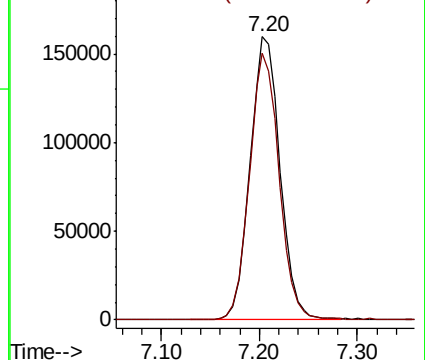
130 100

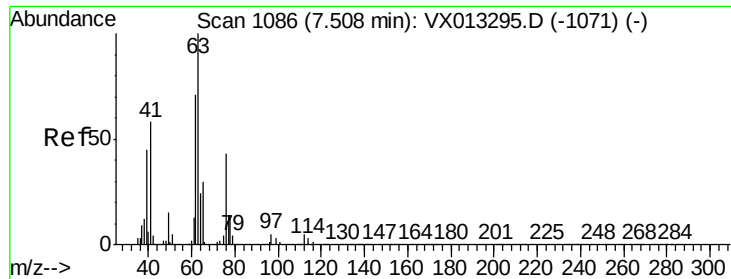
95 94.4 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.032 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

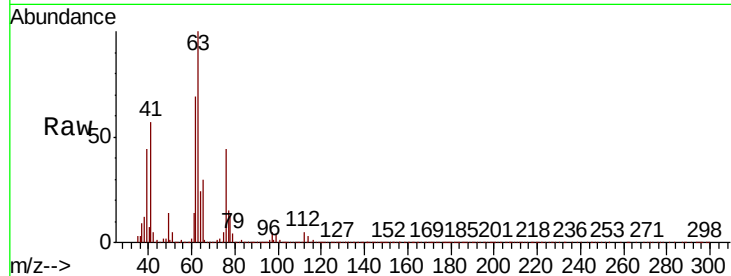
MW-3MSD

Tot Ion: 63 Resp: 329640

Ion Ratio Lower Upper

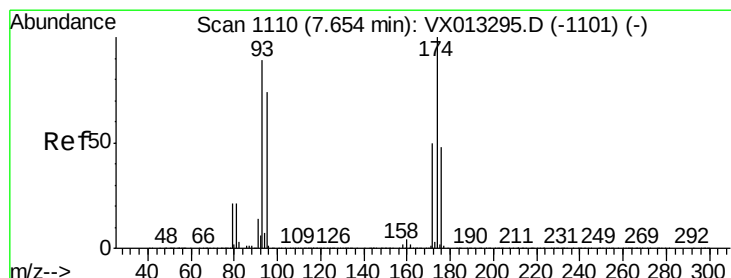
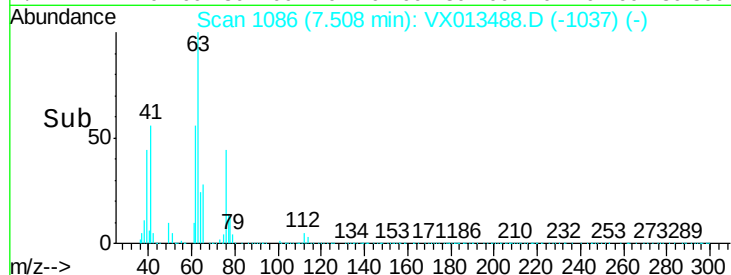
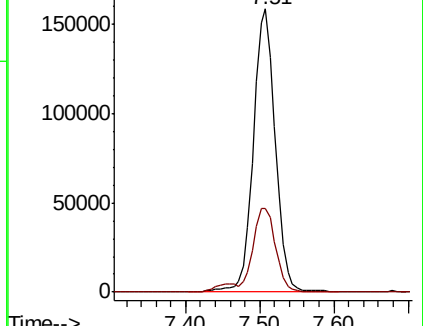
63 100

65 29.5 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.021 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

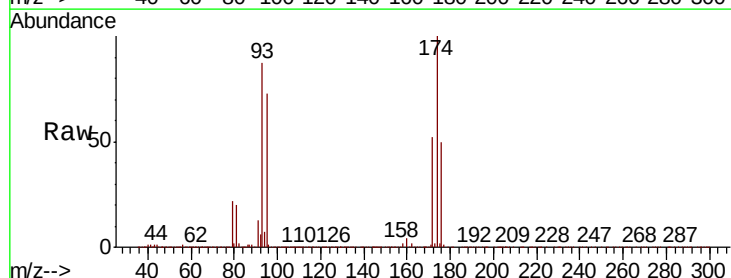
Tgt Ion: 93 Resp: 220520

Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.6

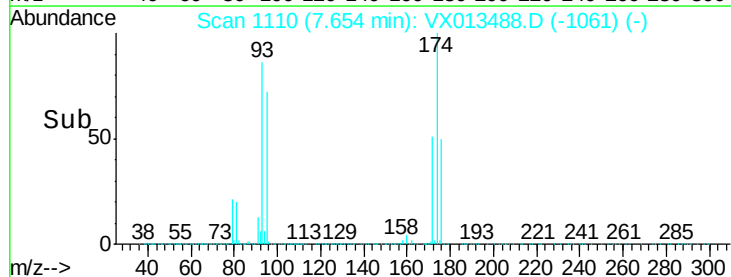
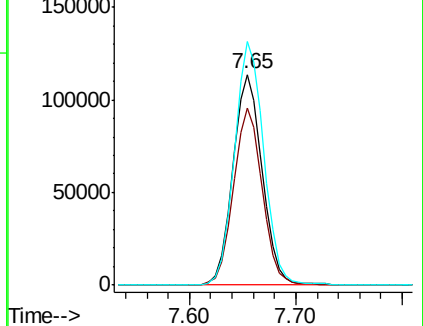
174 115.2 90.4 135.6

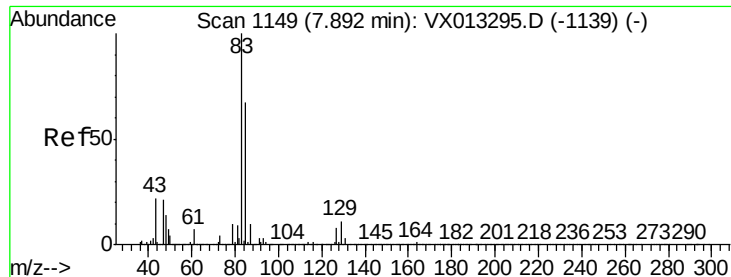


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.332 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

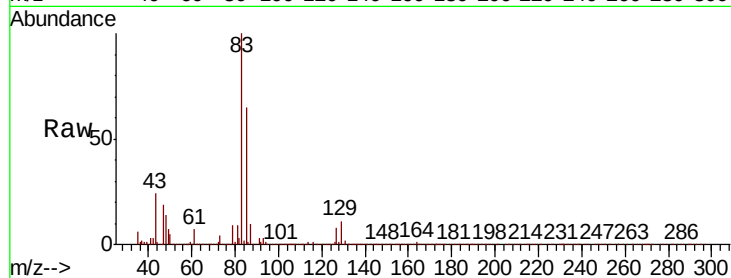
Tot Ion: 83 Resp: 435441

Ion Ratio Lower Upper

83 100

85 64.5 53.7 80.5

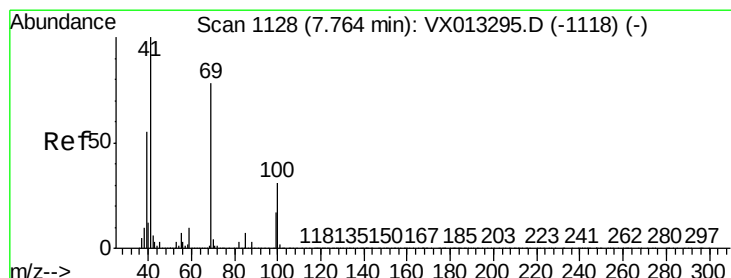
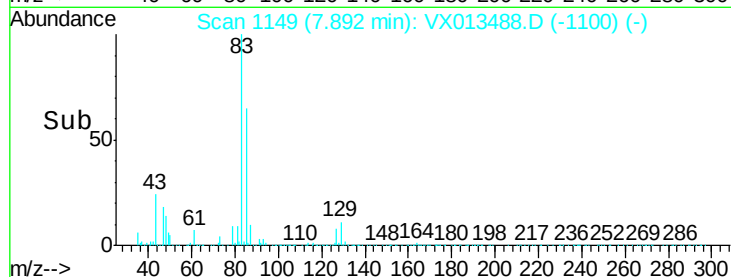
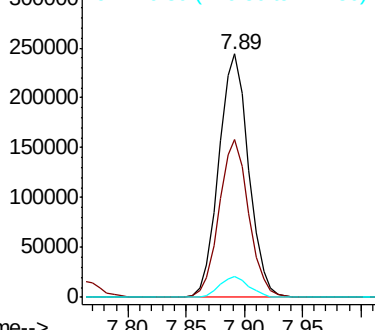
127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.706 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

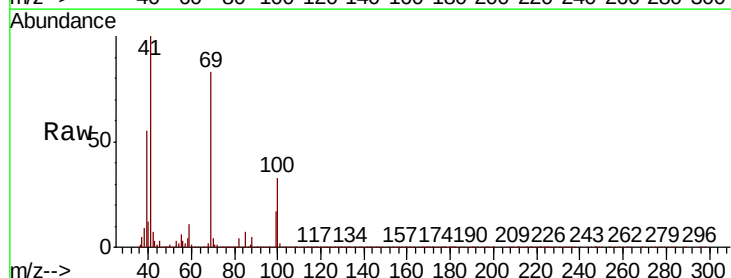
Tgt Ion: 41 Resp: 420239

Ion Ratio Lower Upper

41 100

69 83.1 63.0 94.6

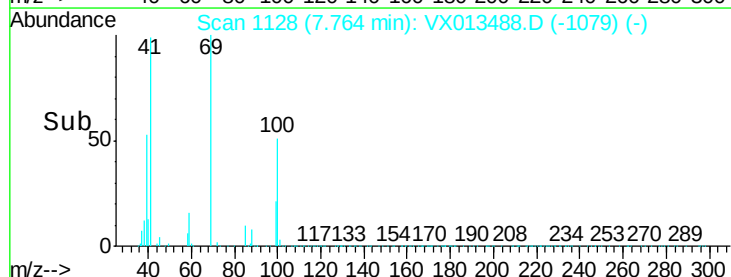
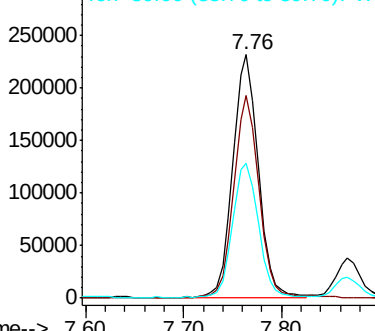
39 56.1 45.9 68.9

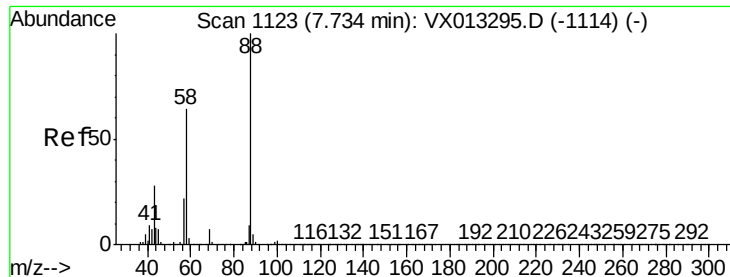


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1197.848 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampled :

MW-3MSD

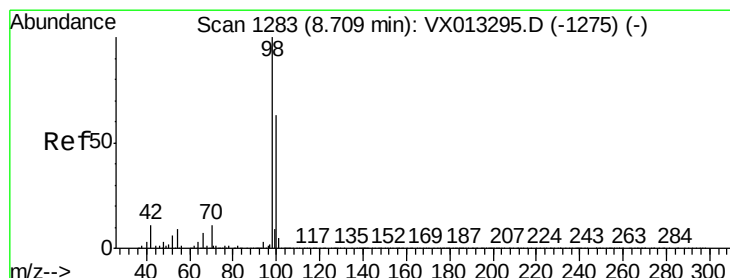
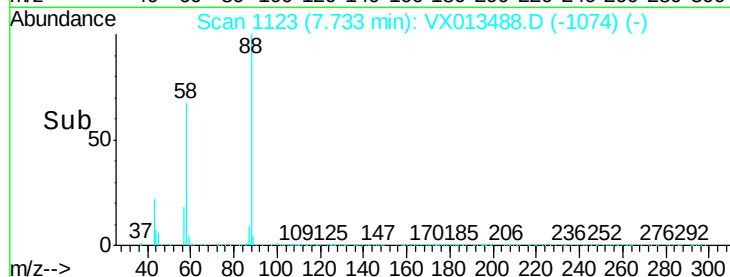
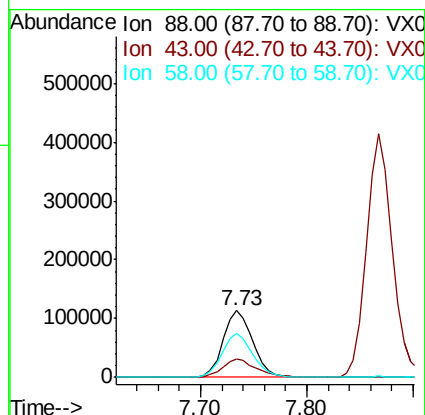
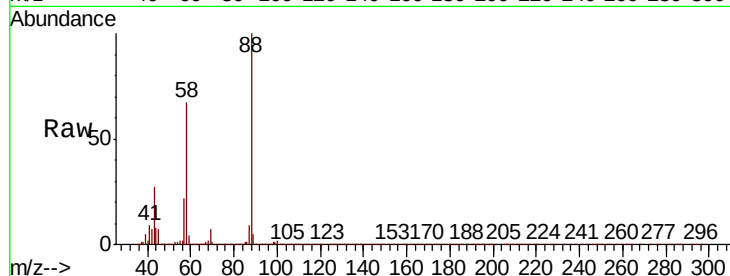
Tot Ion: 88 Resp: 218724

Ion Ratio Lower Upper

88 100

43 31.8 26.6 39.8

58 68.2 55.0 82.6



#50

Toluene-d8

Concen: 47.994 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013488.D

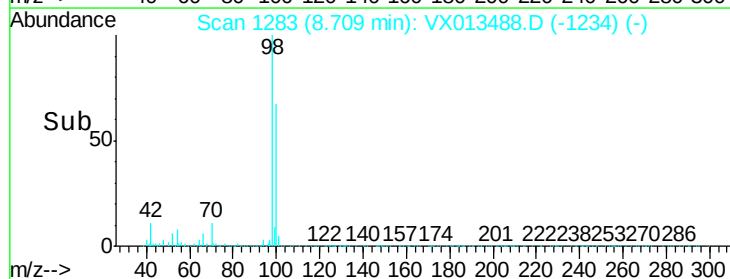
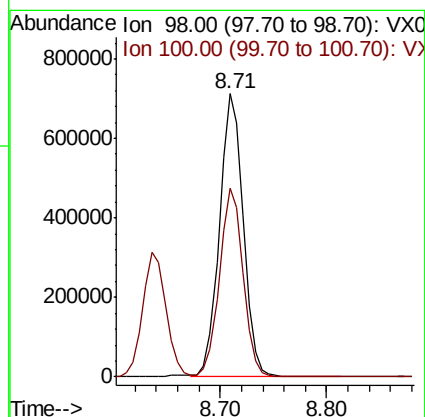
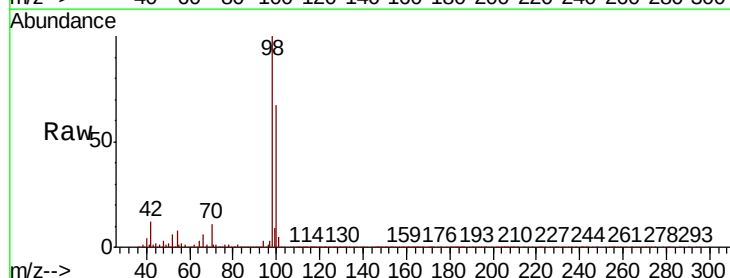
Acq: 20 Nov 2019 19:28

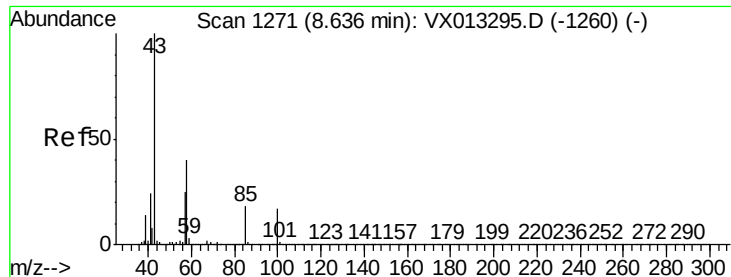
Tgt Ion: 98 Resp: 1098115

Ion Ratio Lower Upper

98 100

100 66.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 277.080 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

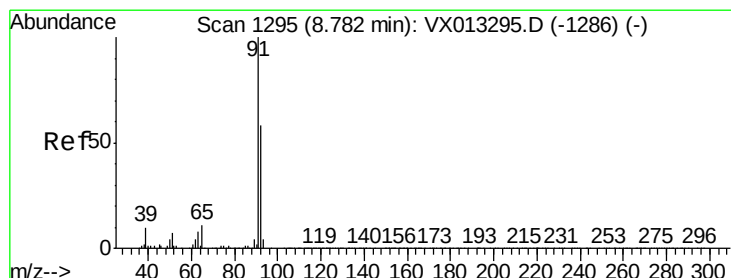
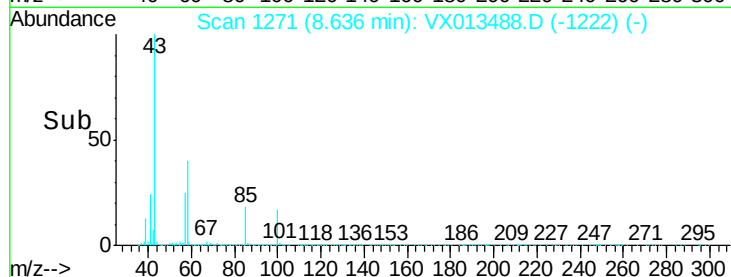
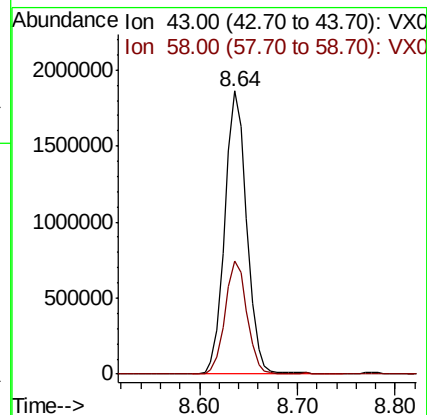
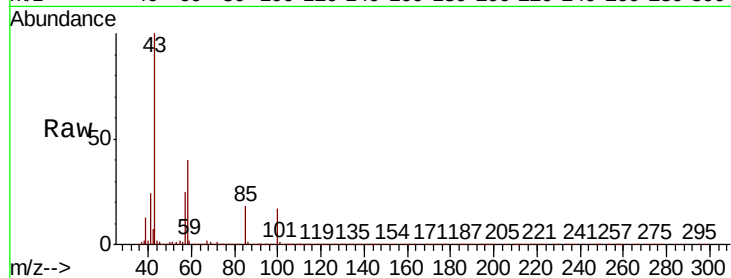
MW-3MSD

Tot Ion: 43 Resp: 2903687

Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.0



#52

Toluene

Concen: 49.295 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013488.D

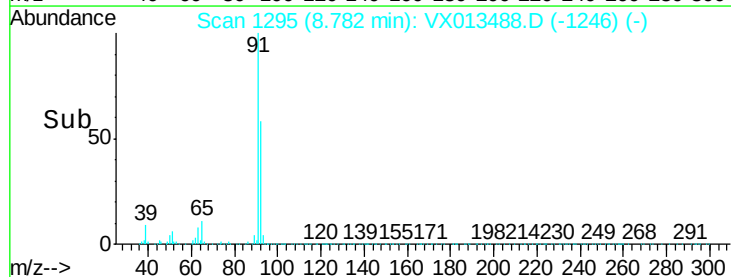
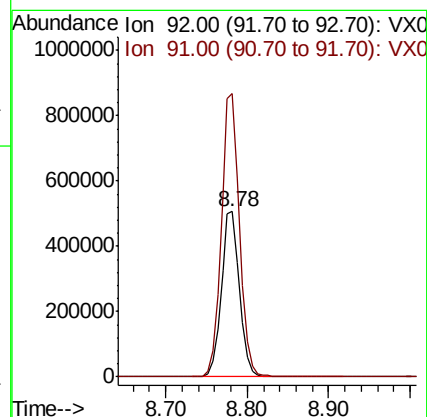
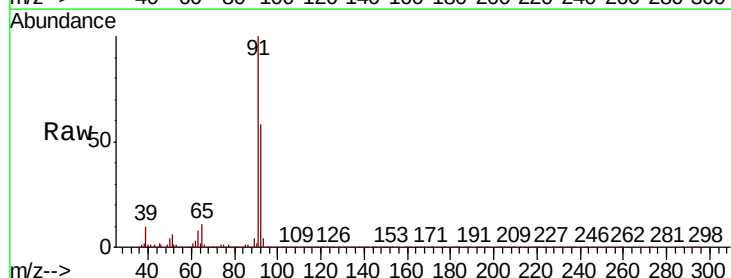
Acq: 20 Nov 2019 19:28

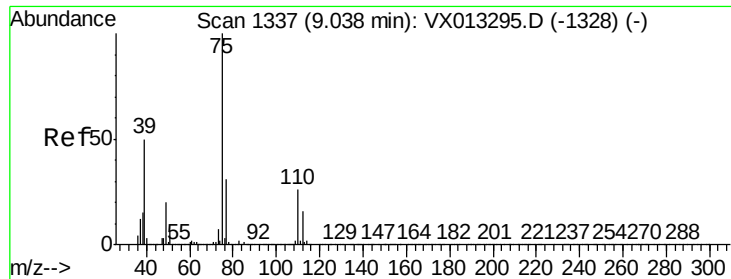
Tgt Ion: 92 Resp: 790041

Ion Ratio Lower Upper

92 100

91 171.0 138.0 207.0

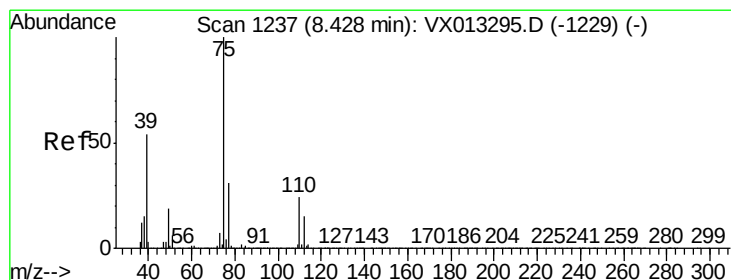
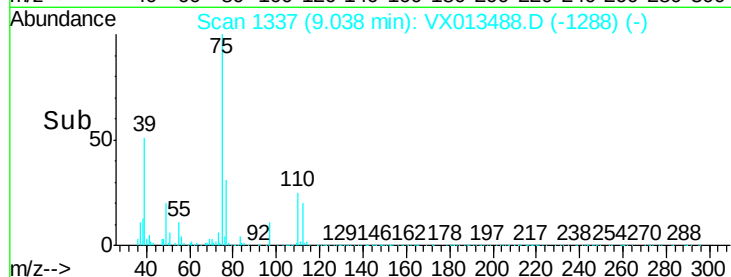
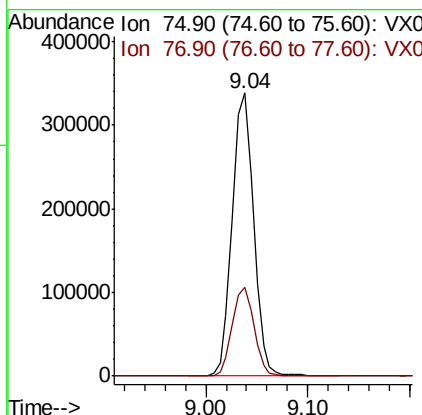
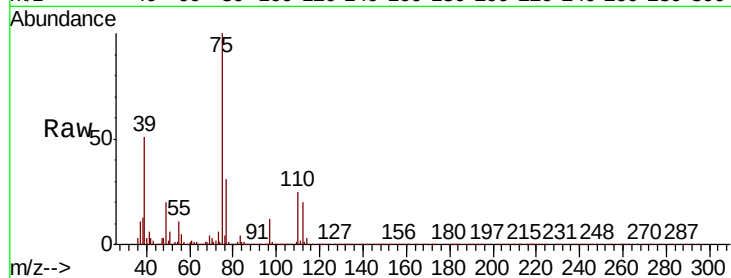




#53
t-1,3-Dichloropropene
Concen: 52.701 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

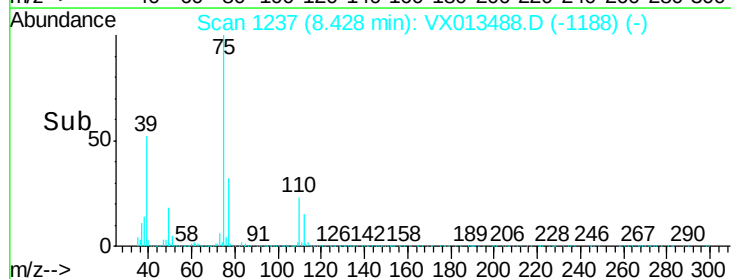
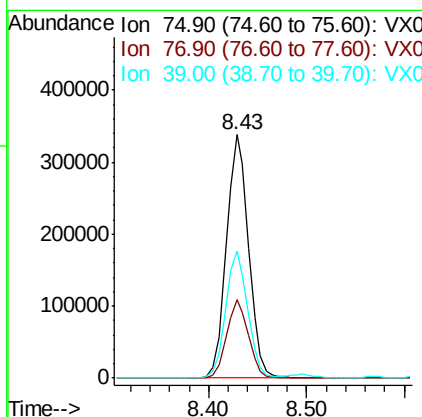
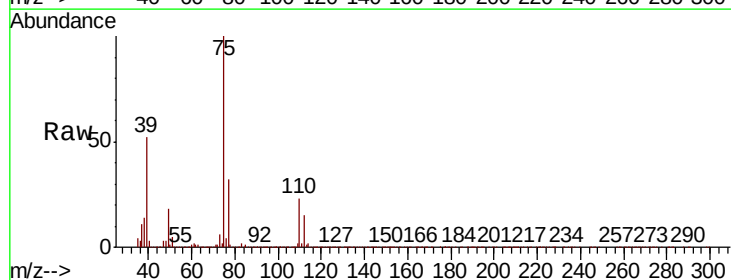
Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

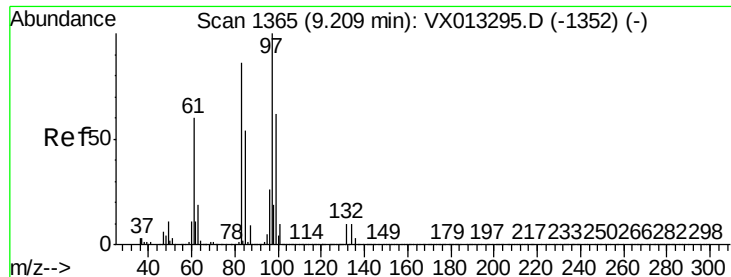
Tot Ion: 75 Resp: 488852
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.074 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion: 75 Resp: 529951
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1
39 51.9 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 48.781 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion: 97 Resp: 324048

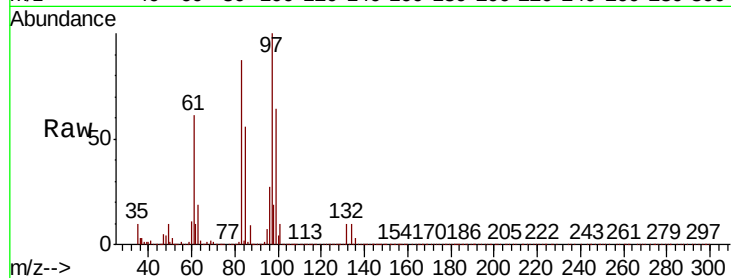
Ion Ratio Lower Upper

97 100

83 86.9 68.6 103.0

85 55.9 43.1 64.7

99 64.3 49.4 74.0

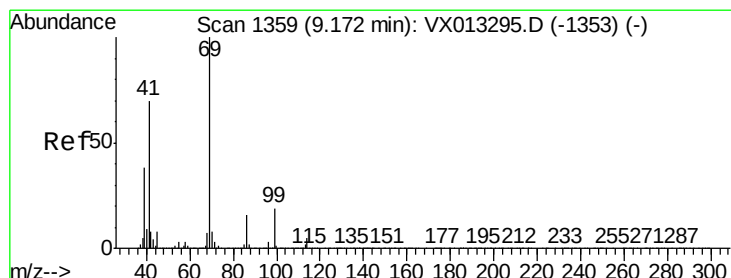
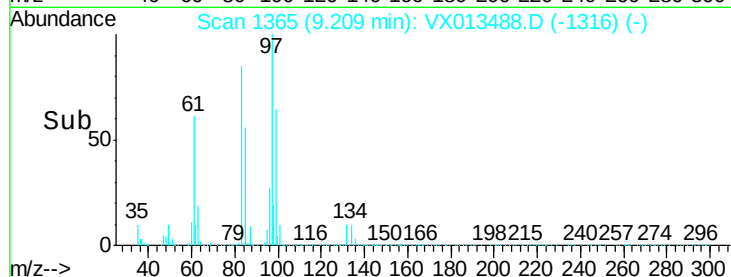
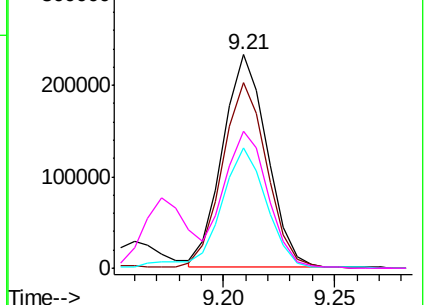


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.175 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

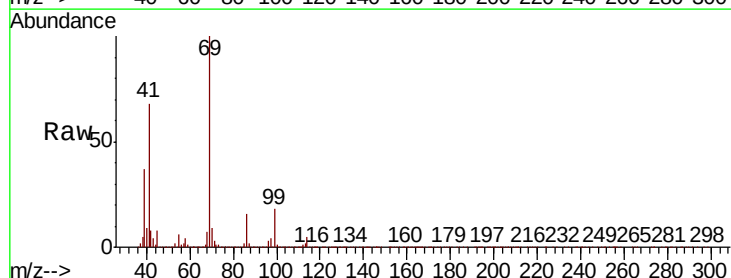
Tgt Ion: 69 Resp: 569086

Ion Ratio Lower Upper

69 100

41 70.2 56.2 84.2

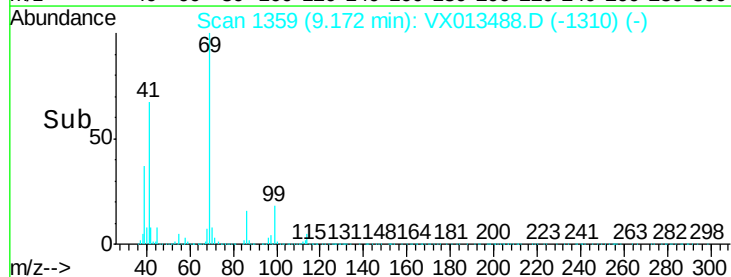
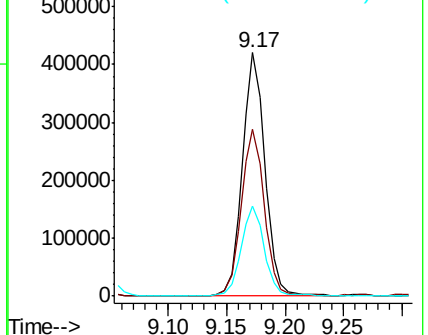
39 37.6 31.1 46.7

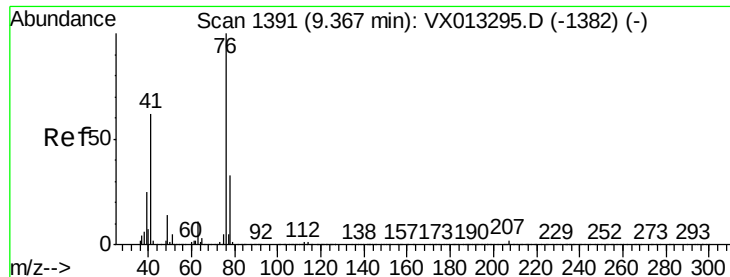


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.246 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

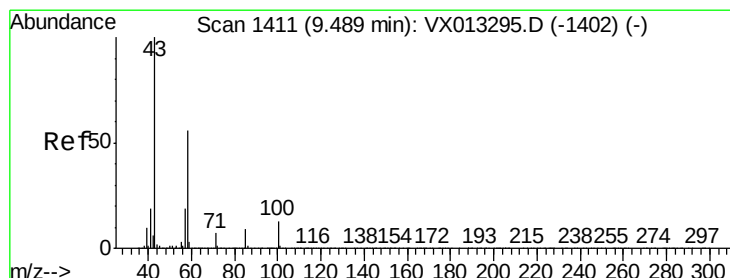
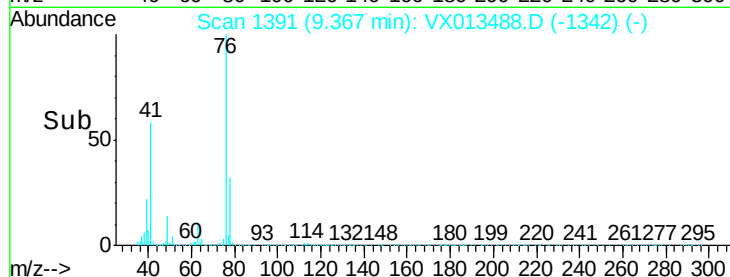
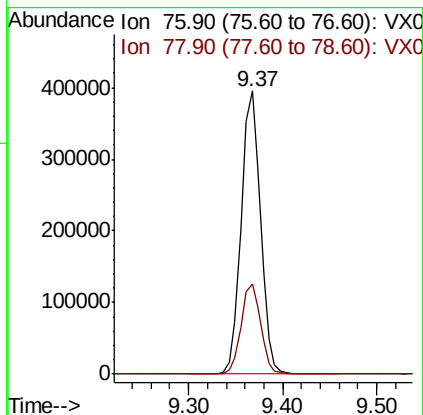
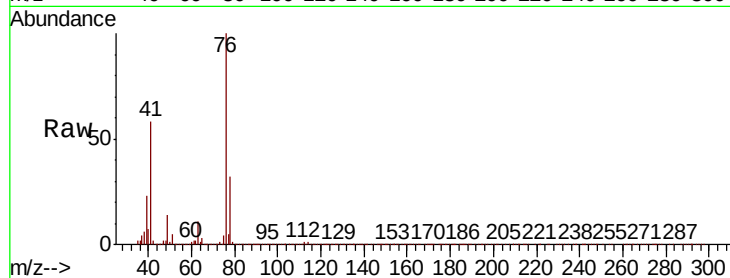
MW-3MSD

Tot Ion: 76 Resp: 566603

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#59

2-Hexanone

Concen: 281.330 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX013488.D

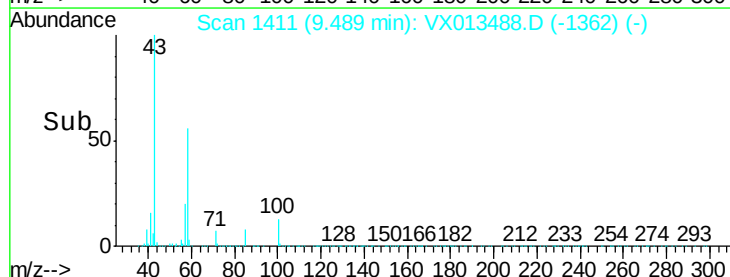
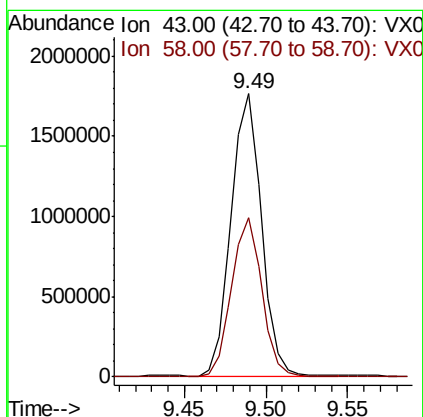
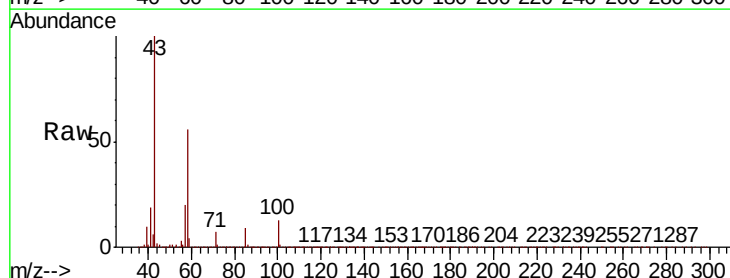
Acq: 20 Nov 2019 19:28

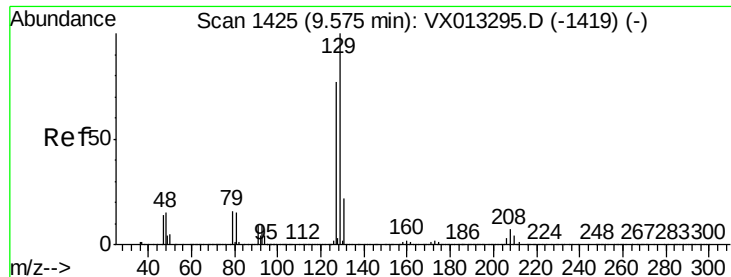
Tgt Ion: 43 Resp: 2278325

Ion Ratio Lower Upper

43 100

58 56.7 27.3 81.8





#60

Dibromochloromethane

Concen: 53.151 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampled :

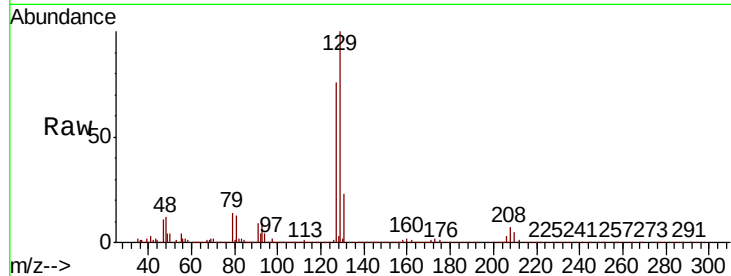
MW-3MSD

Tot Ion:129 Resp: 361100

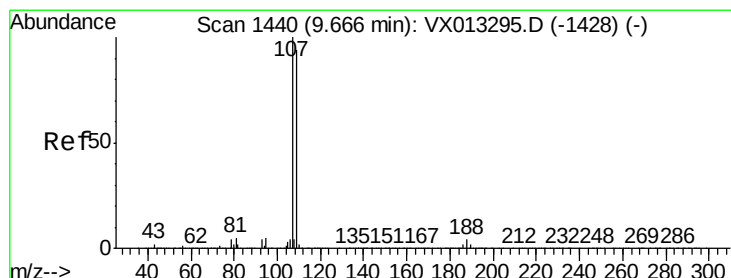
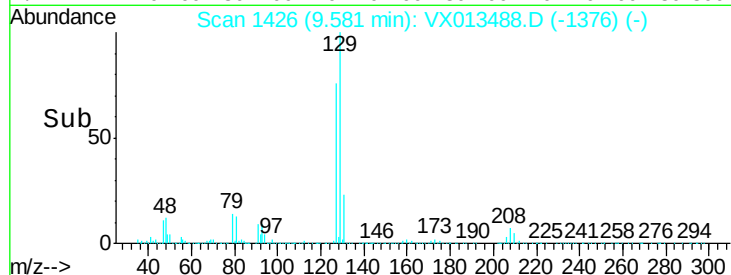
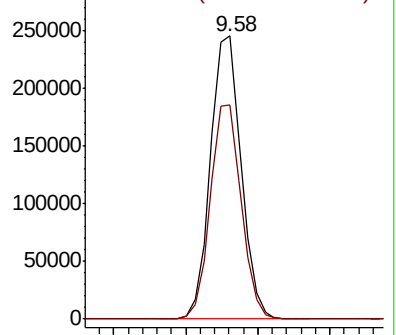
Ion Ratio Lower Upper

129 100

127 76.4 39.1 117.2



Abundance Ion 128.80 (128.50 to 129.50): V



#61

1,2-Dibromoethane

Concen: 50.036 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013488.D

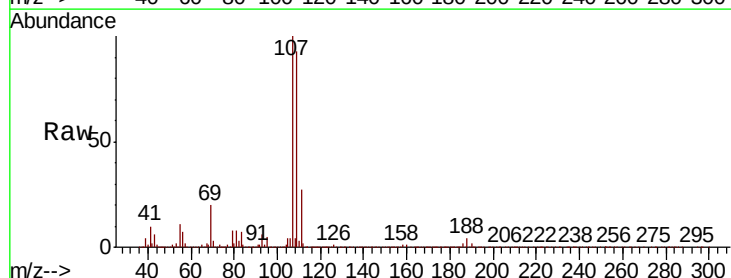
Acq: 20 Nov 2019 19:28

Tgt Ion:107 Resp: 352950

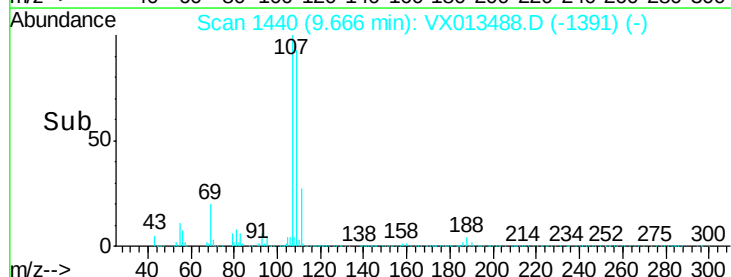
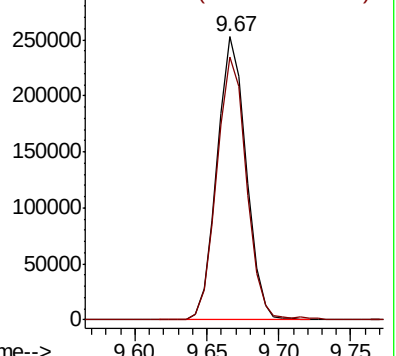
Ion Ratio Lower Upper

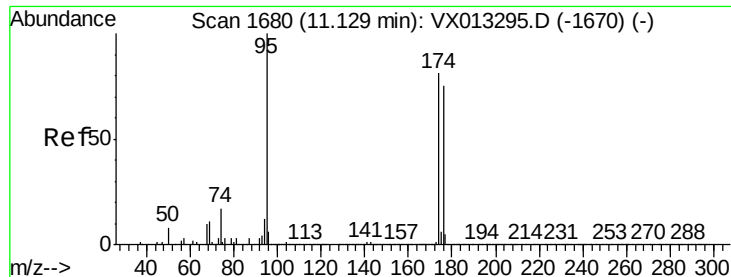
107 100

109 94.5 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

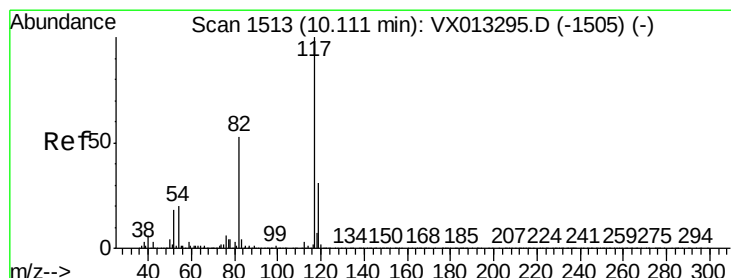
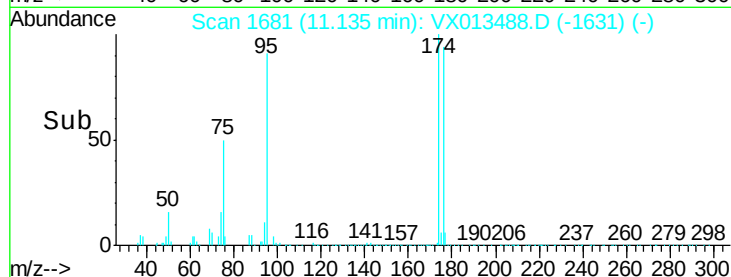
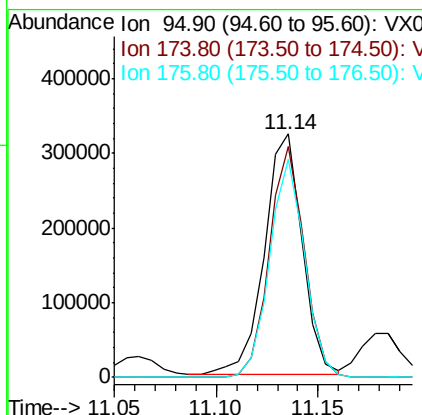
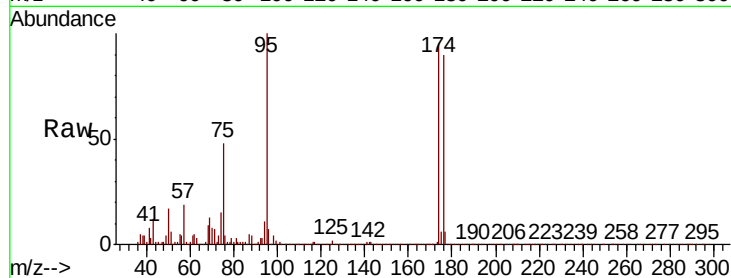




#62
4-Bromofluorobenzene
Concen: 50.754 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

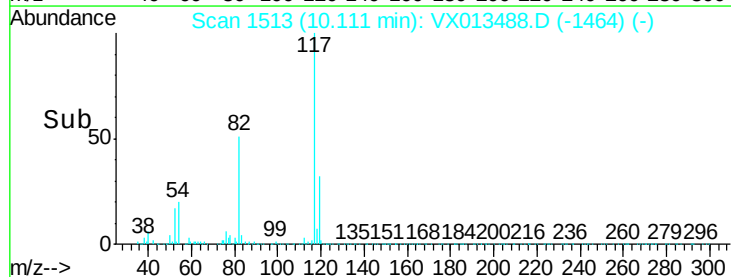
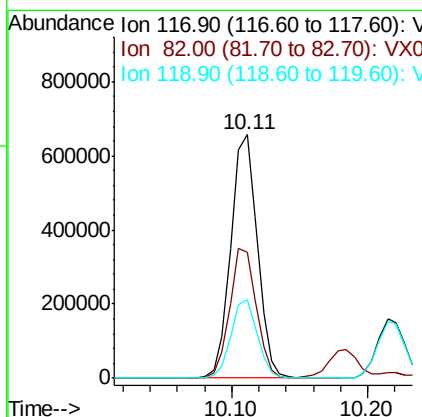
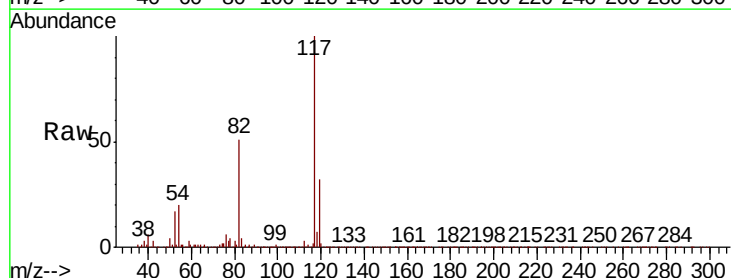
Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

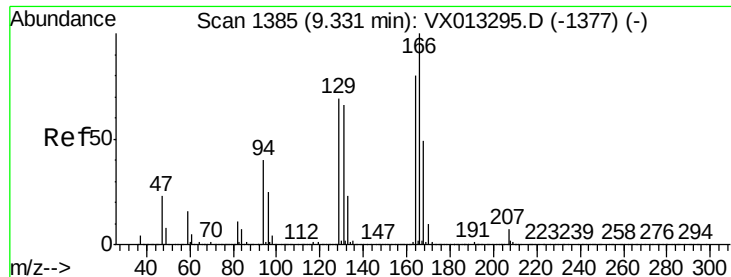
Tot Ion: 95 Resp: 419114
Ion Ratio Lower Upper
95 100
174 88.4 0.0 179.8
176 84.1 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion: 117 Resp: 890339
Ion Ratio Lower Upper
117 100
82 51.2 42.6 64.0
119 32.3 24.8 37.2





#64

Tetrachloroethene

Concen: 45.451 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion:164 Resp: 289689

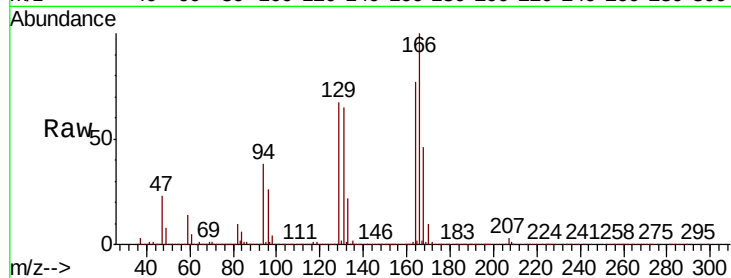
Ion Ratio Lower Upper

164 100

166 129.3 100.4 150.6

129 86.5 69.4 104.2

131 84.6 66.6 100.0

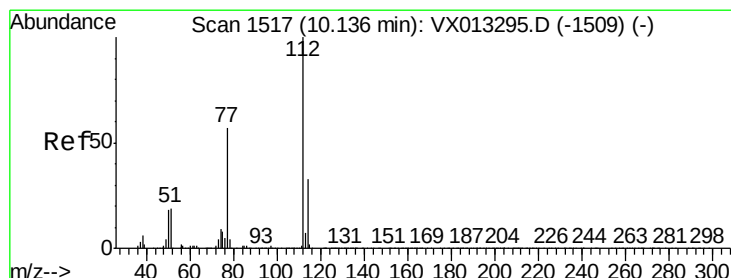
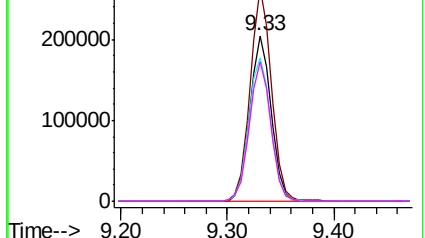
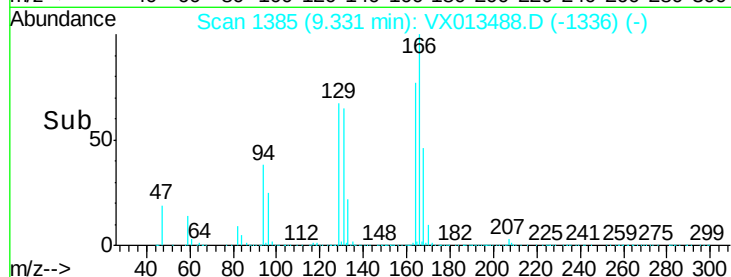


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.198 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013488.D

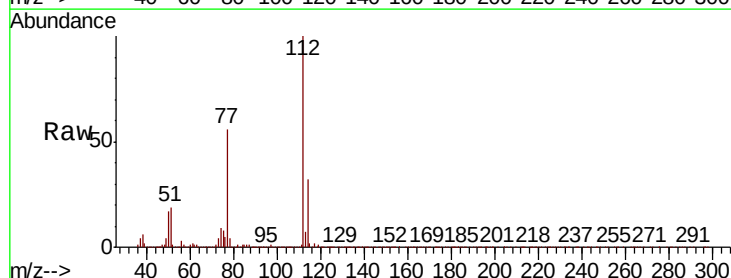
Acq: 20 Nov 2019 19:28

Tgt Ion:112 Resp: 868777

Ion Ratio Lower Upper

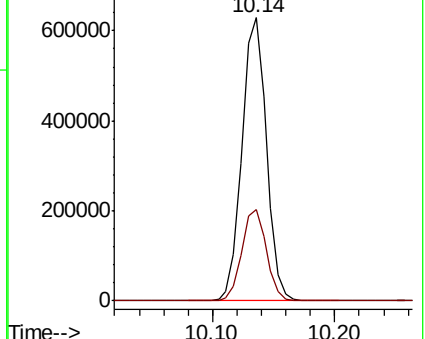
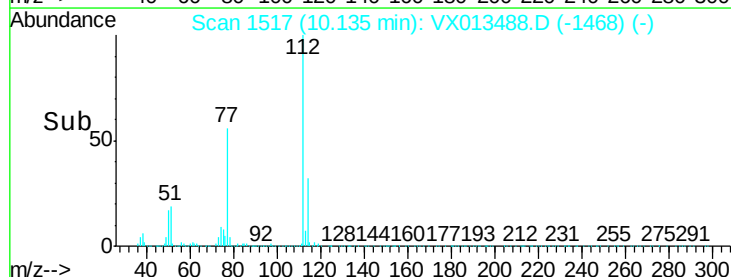
112 100

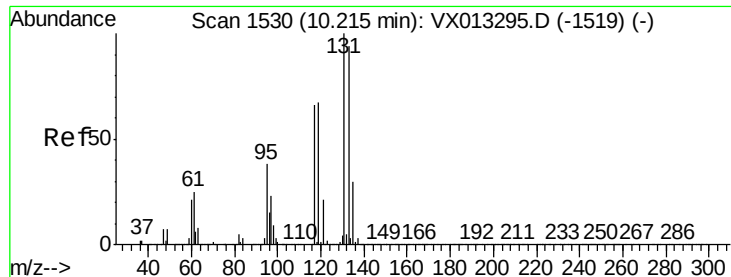
114 32.0 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

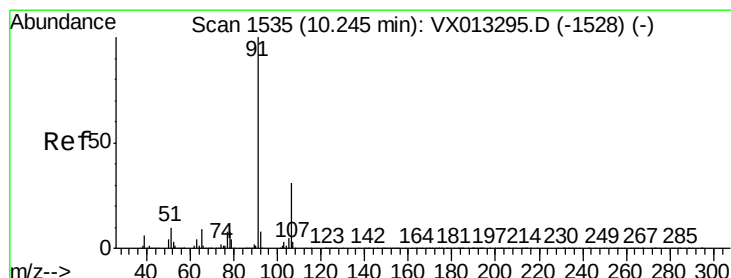
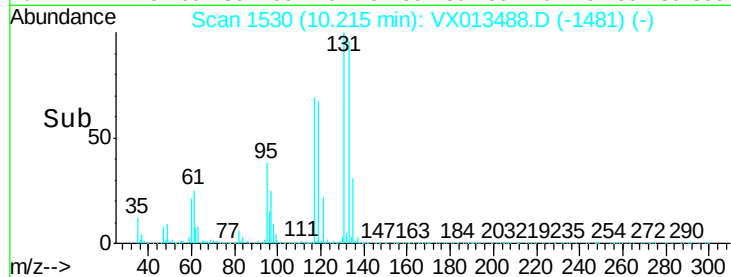
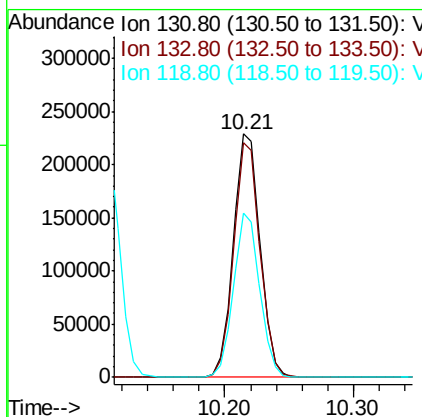
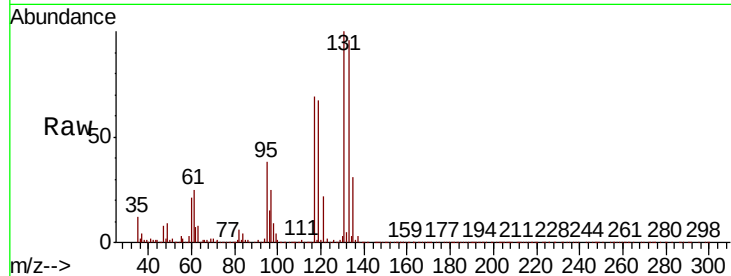




#66
 1,1,1,2-Tetrachloroethane
 Concen: 49.979 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

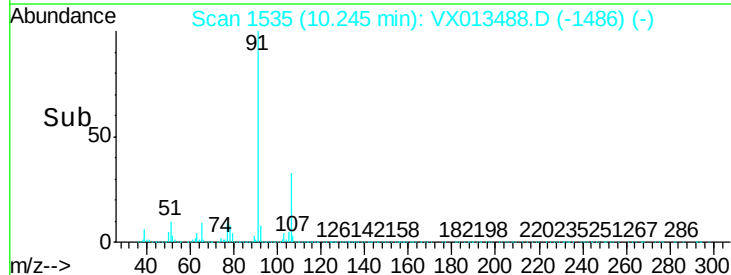
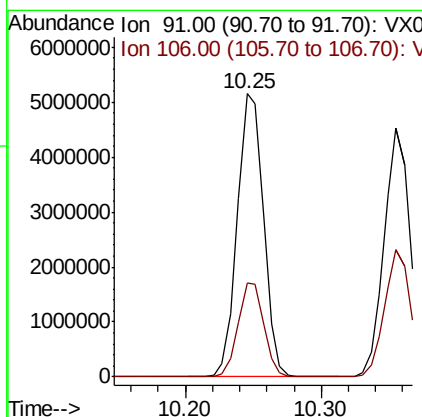
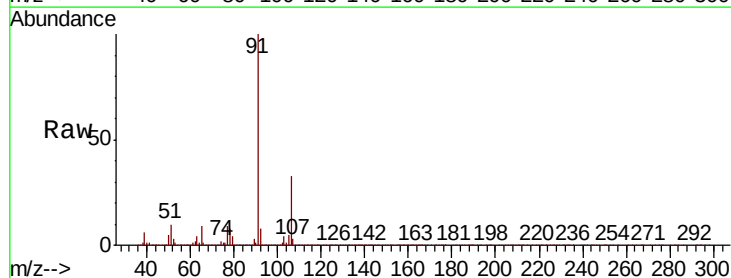
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

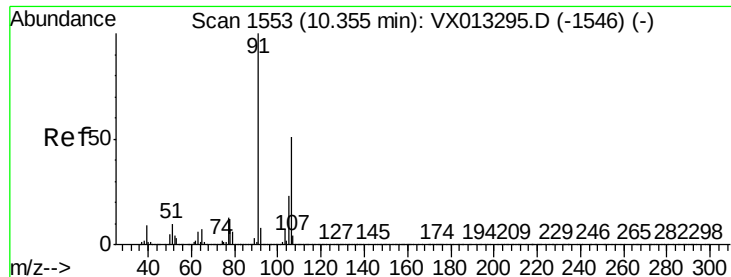
Tot Ion:131 Resp: 330784
 Ion Ratio Lower Upper
 131 100
 133 95.3 48.0 144.0
 119 65.7 33.0 99.0



#67
 Ethyl Benzene
 Concen: 222.205 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Tgt Ion: 91 Resp: 6912756
 Ion Ratio Lower Upper
 91 100
 106 33.1 24.6 36.8





#68

m/p-Xylenes

Concen: 259.951 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

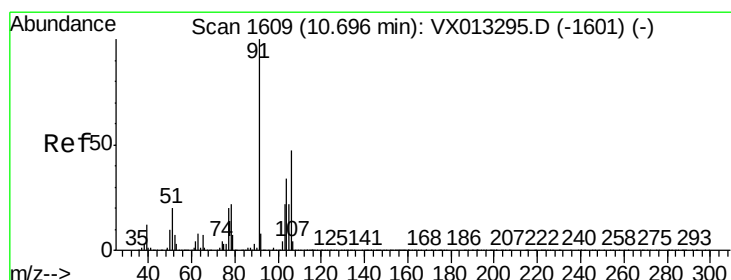
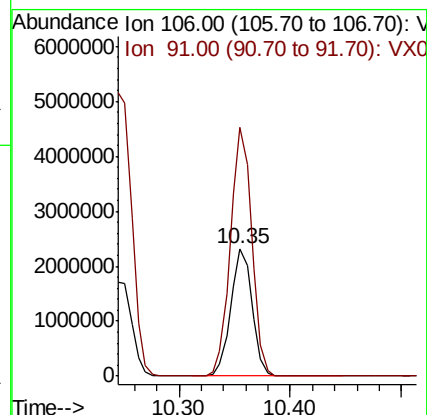
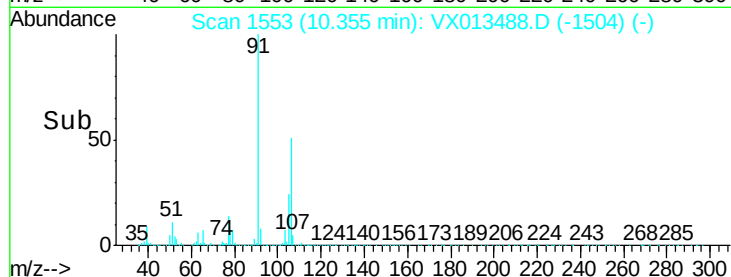
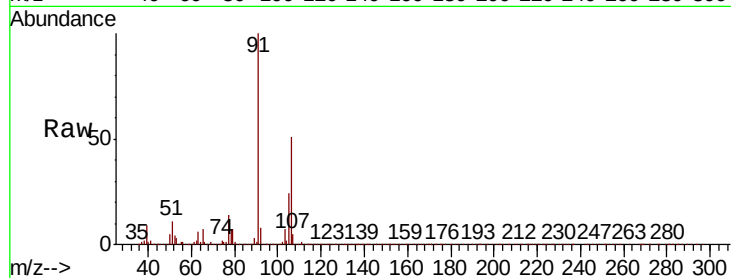
MW-3MSD

Tot Ion:106 Resp: 3058436

Ion Ratio Lower Upper

106 100

91 196.3 159.3 238.9



#69

o-Xylene

Concen: 166.404 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013488.D

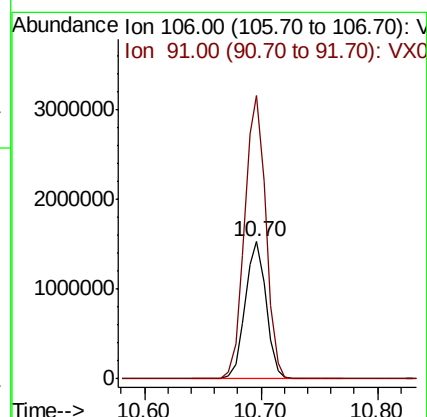
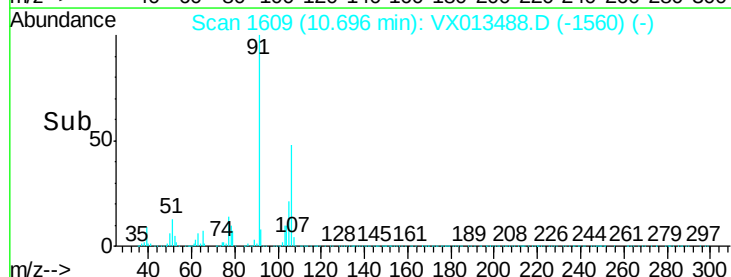
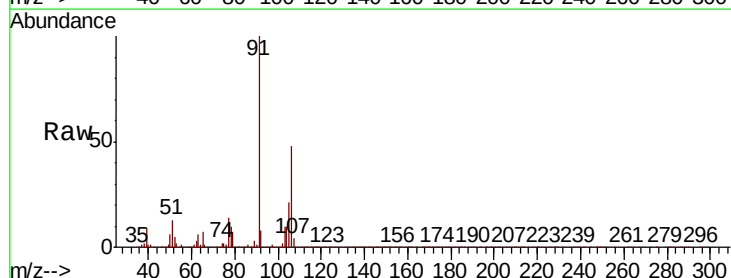
Acq: 20 Nov 2019 19:28

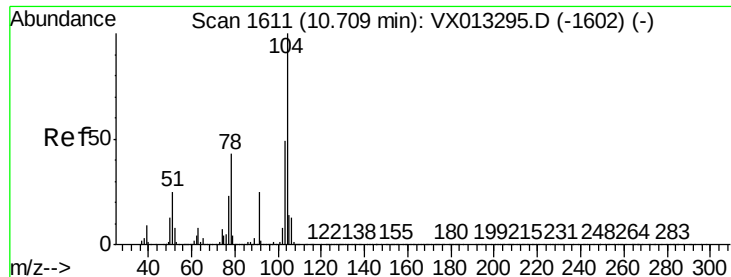
Tgt Ion:106 Resp: 1916768

Ion Ratio Lower Upper

106 100

91 209.7 105.7 317.0

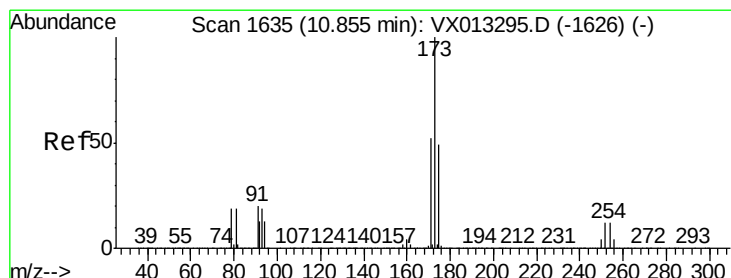
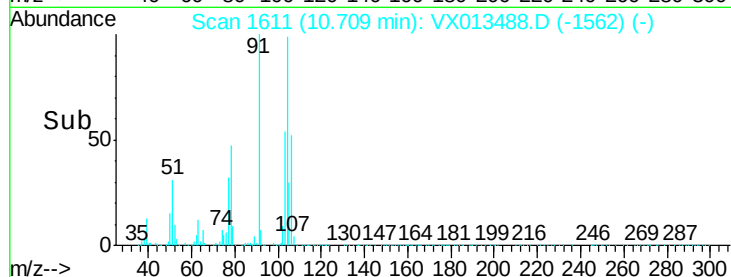
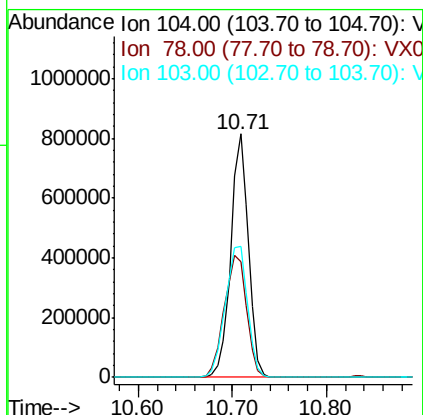
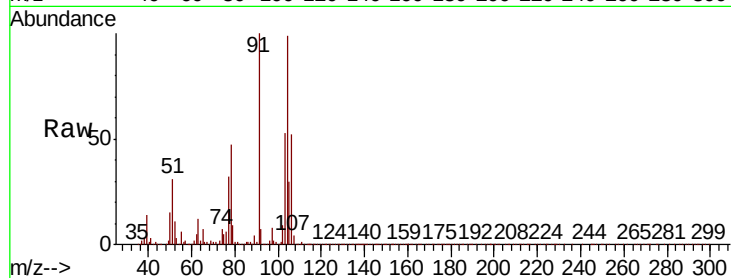




#70
Stvrene
Concen: 54.687 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

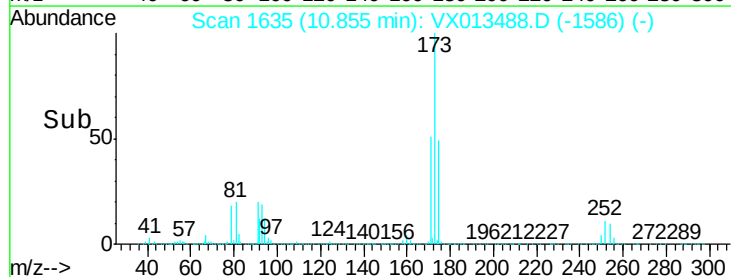
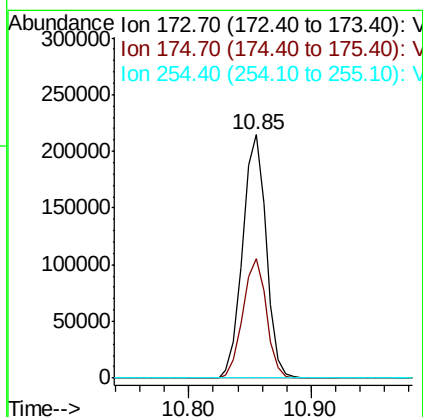
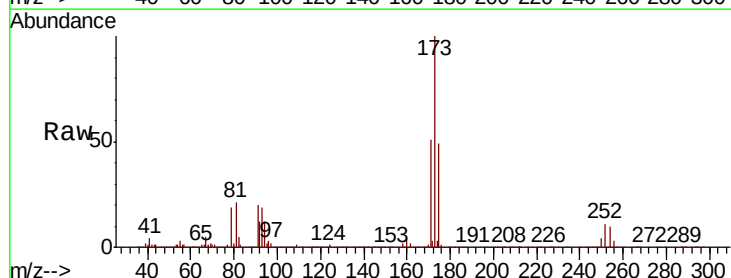
Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

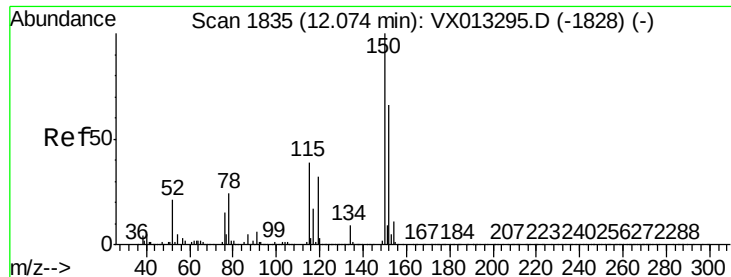
Tot Ion:104 Resp: 1052988
Ion Ratio Lower Upper
104 100
78 63.7 40.0 60.0#
103 68.0 44.1 66.1#



#71
Bromoform
Concen: 46.836 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion:173 Resp: 286082
Ion Ratio Lower Upper
173 100
175 49.1 24.8 74.4
254 0.2 0.2 0.2



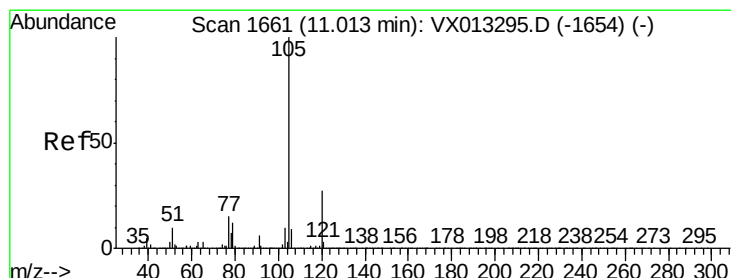
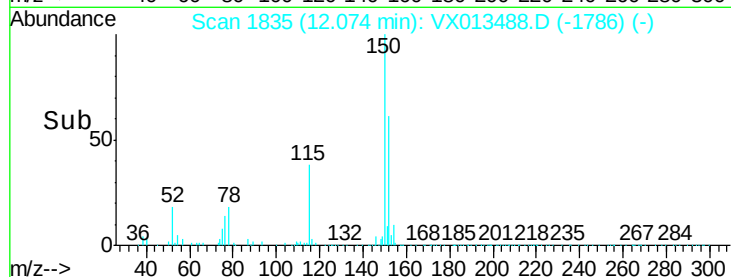
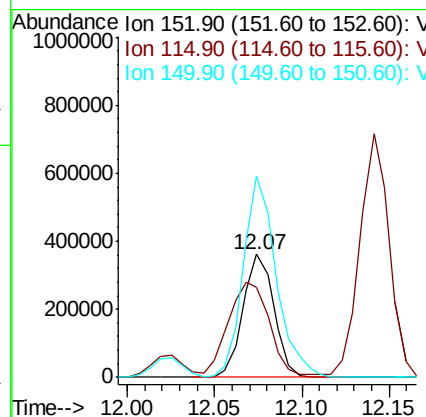
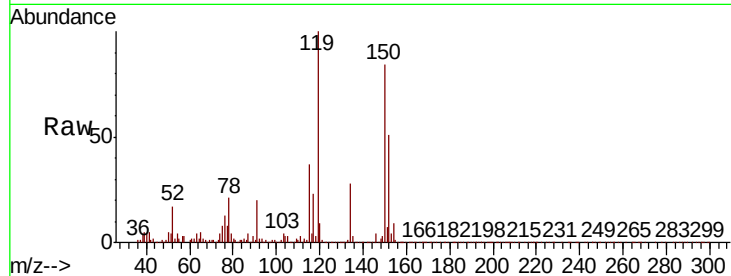


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

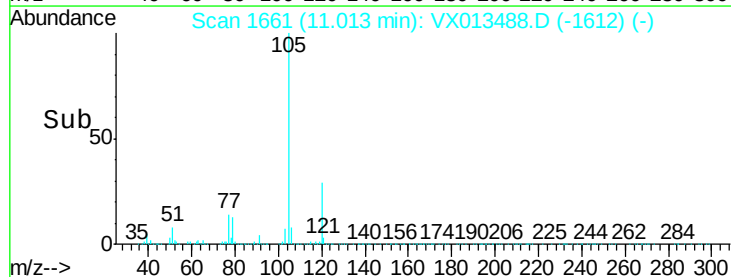
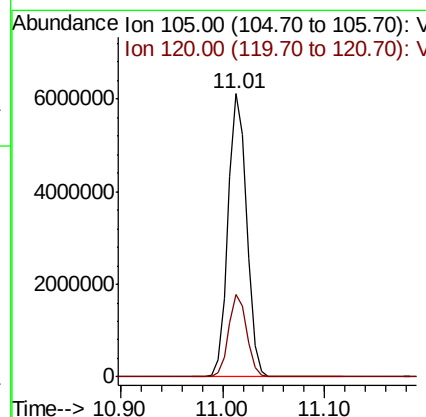
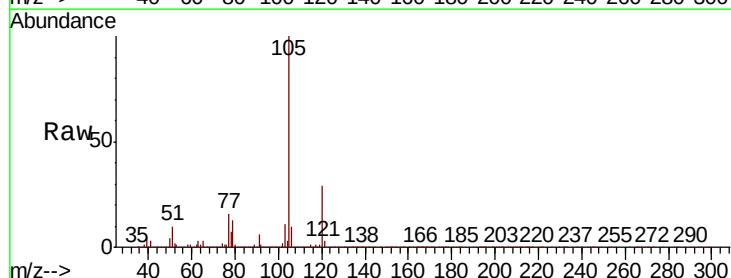
Tot Ion	Ratio	Lower	Upper
152	100		
115	100.5	39.5	118.3
150	175.1	0.0	344.4

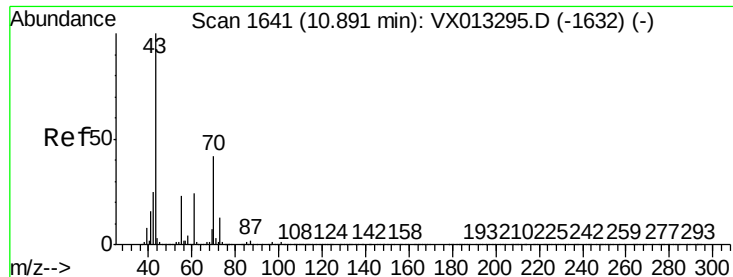


#73

Isopropylbenzene
Concen: 263.327 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.2	13.5	40.5





#74

N-amvl acetate

Concen: 60.285 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

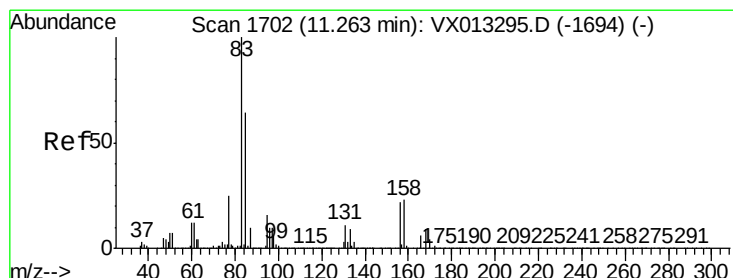
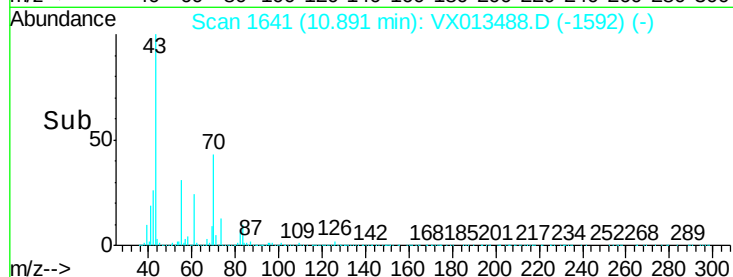
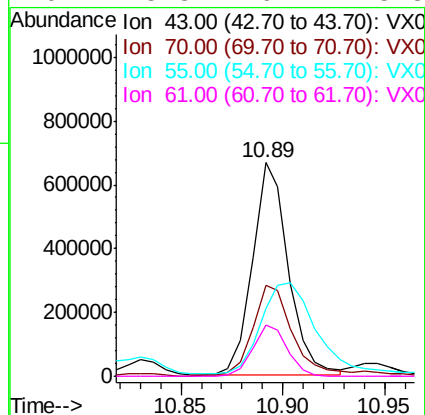
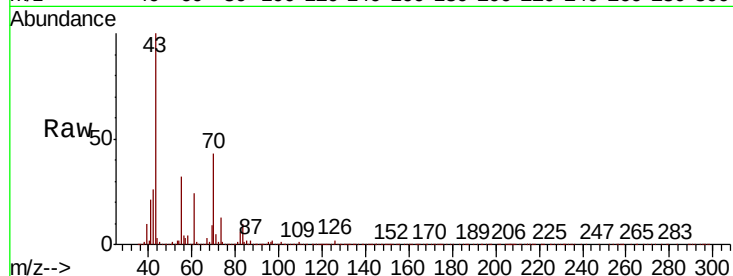
Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion:	43	Resp:	821861
Ion	Ratio	Lower	Upper
43	100		
70	49.0	34.1	51.1
55	66.0	18.9	28.3#
61	23.3	19.2	28.8



#75

1,1,2,2-Tetrachloroethane

Concen: 56.062 ug/l

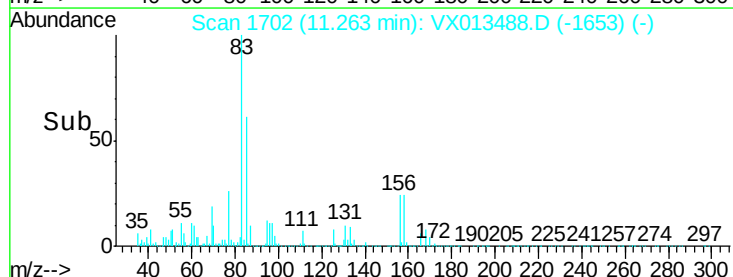
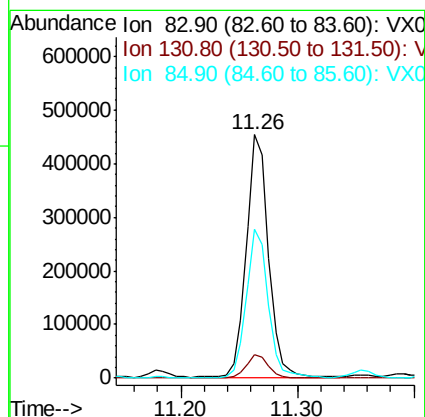
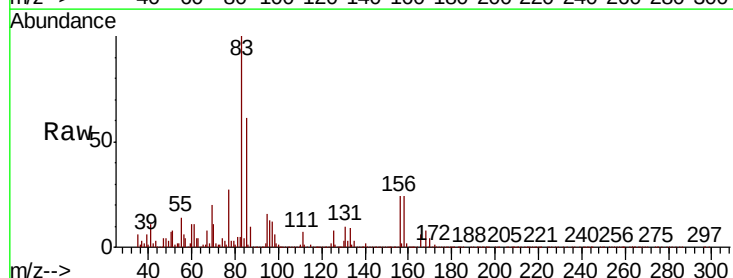
RT: 11.26 min Scan# 1702

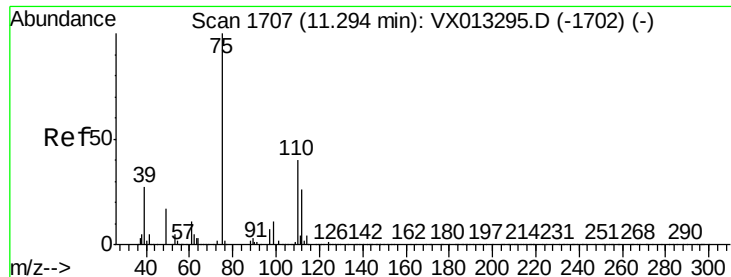
Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Tgt Ion:	83	Resp:	601271
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.1	15.3
85	61.1	32.3	96.8





#76

1,2,3-Trichloropropane

Concen: 71.440 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampled :

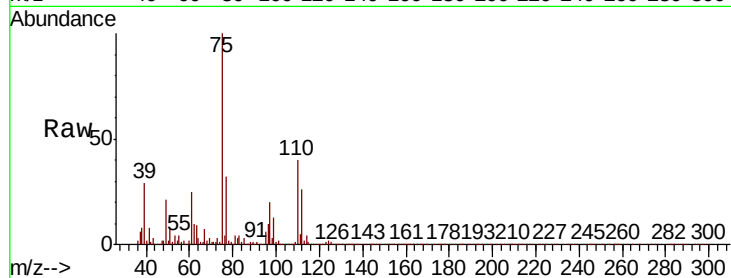
MW-3MSD

Tot Ion: 75 Resp: 643409

Ion Ratio Lower Upper

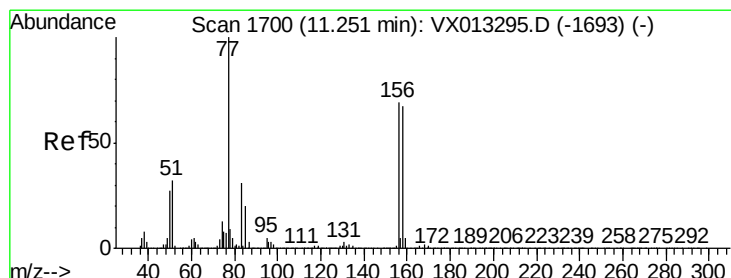
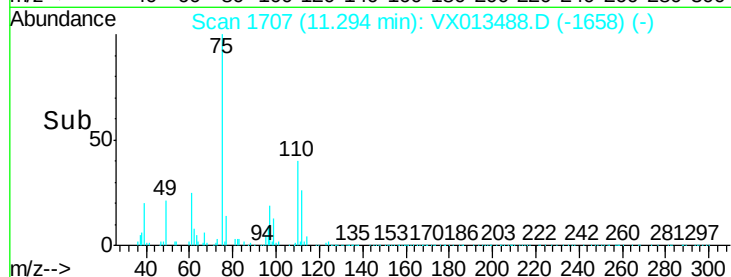
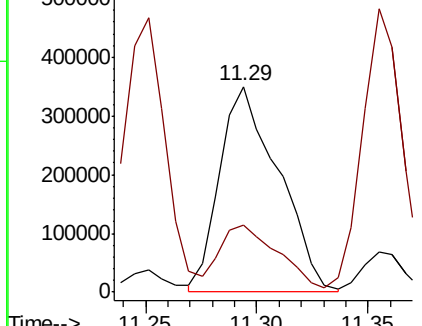
75 100

77 32.4 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 51.412 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

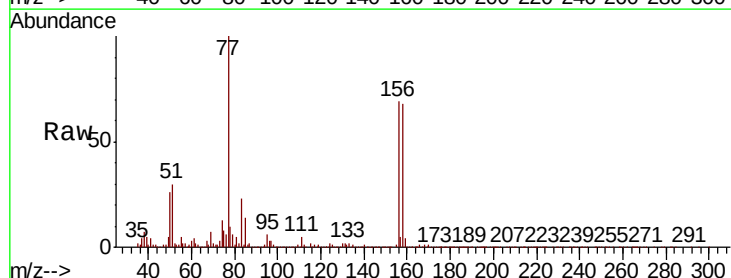
Tgt Ion: 156 Resp: 402932

Ion Ratio Lower Upper

156 100

77 151.3 75.8 227.4

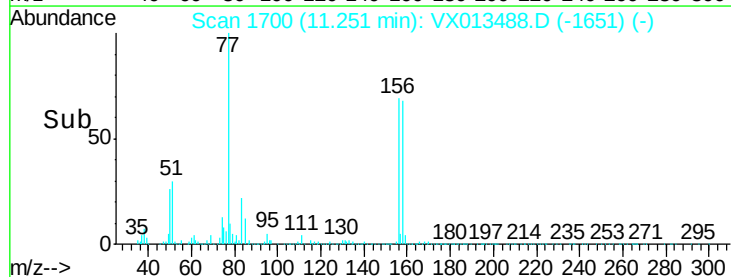
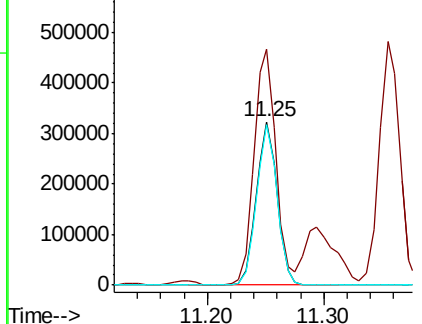
158 97.6 47.6 142.8

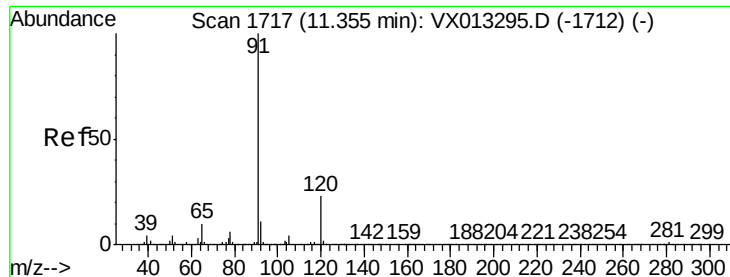


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 378.408 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

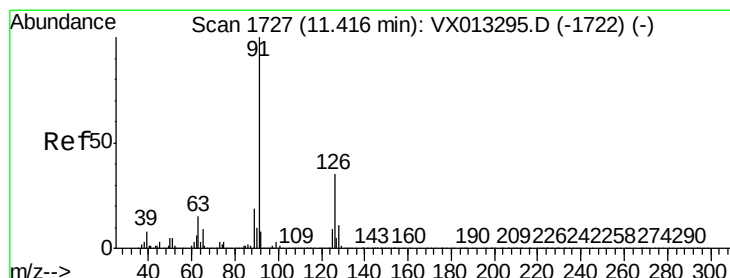
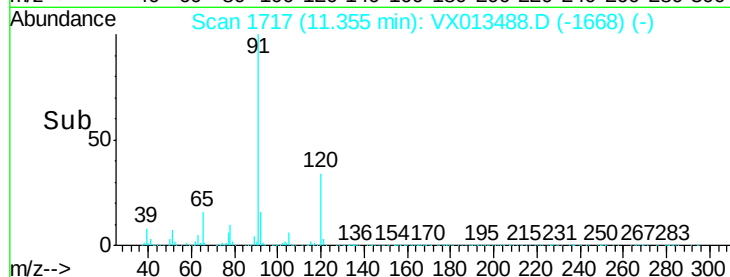
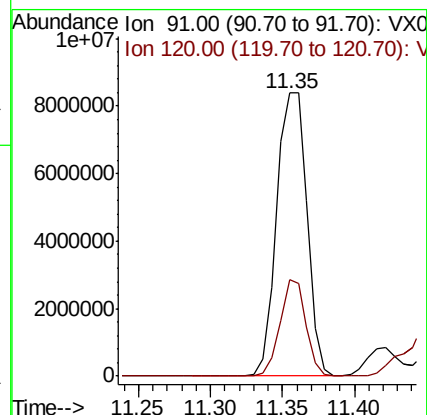
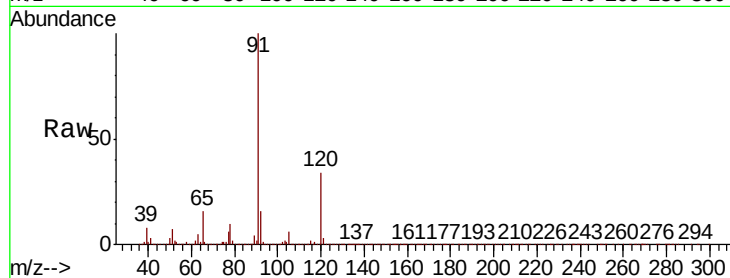
MW-3MSD

Tot Ion: 91 Resp:12392307

Ion Ratio Lower Upper

91 100

120 29.0 11.6 34.8



#79

2-Chlorotoluene

Concen: 68.419 ug/l

RT: 11.42 min Scan# 1728

Delta R.T. 0.01 min

Lab File: VX013488.D

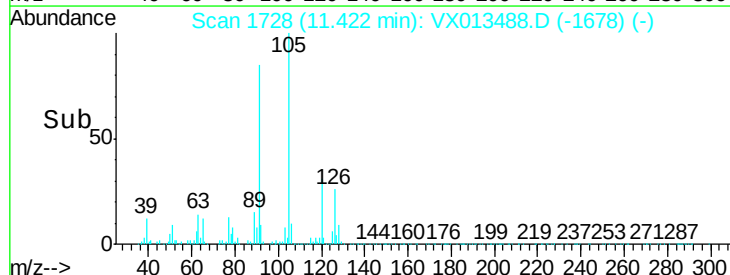
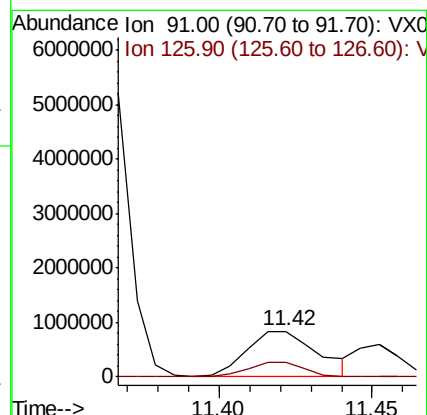
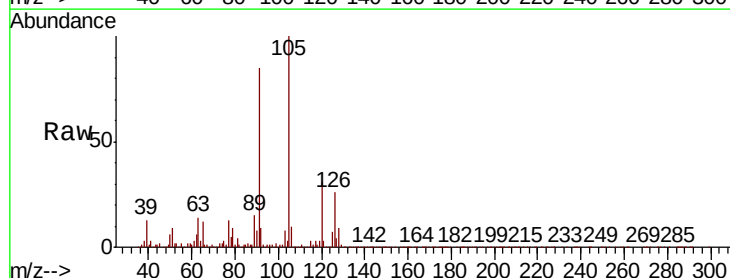
Acq: 20 Nov 2019 19:28

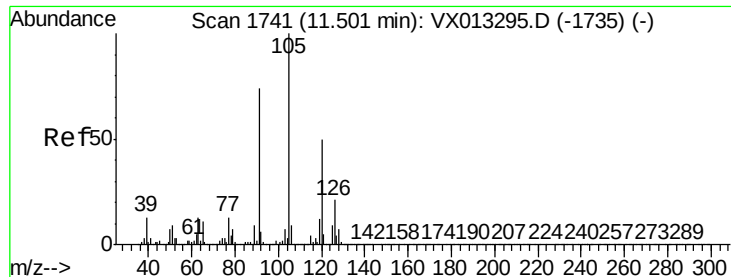
Tgt Ion: 91 Resp: 1349976

Ion Ratio Lower Upper

91 100

126 25.9 17.3 52.0





#80

1,3,5-Trimethylbenzene

Concen: 222.296 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

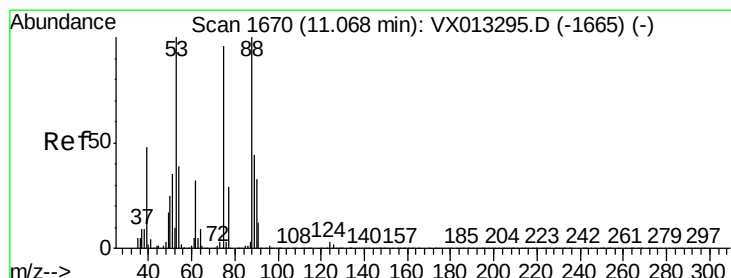
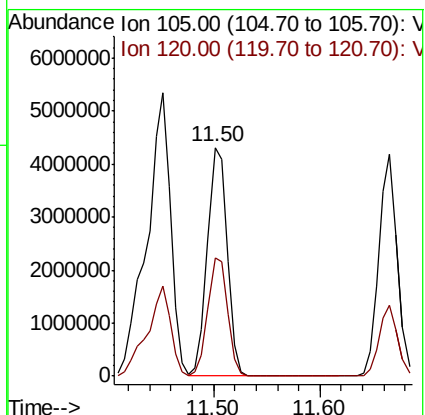
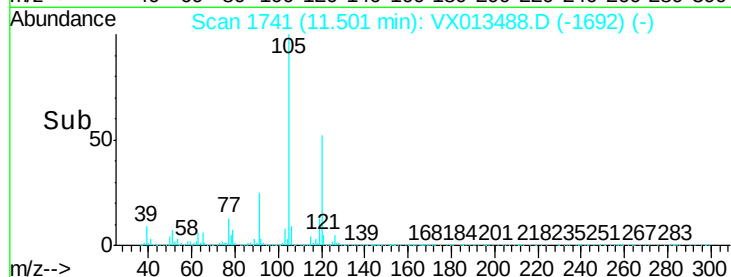
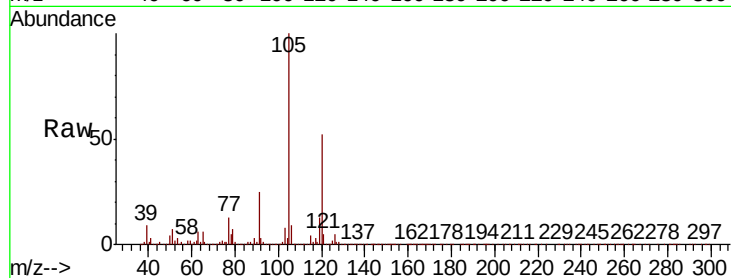
MW-3MSD

Tot Ion:105 Resp: 5443500

Ion Ratio Lower Upper

105 100

120 51.6 24.9 74.8



#81

trans-1,4-Dichloro-2-butene

Concen: 53.308 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

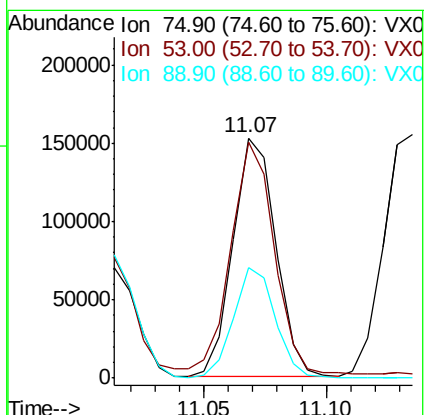
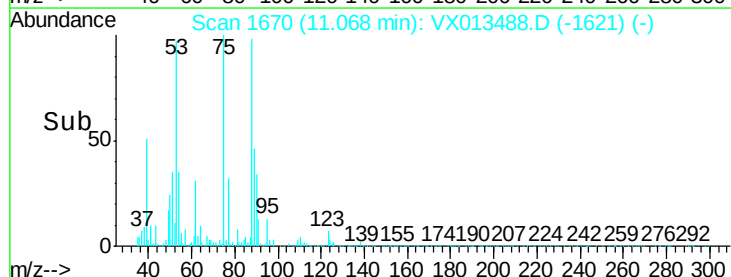
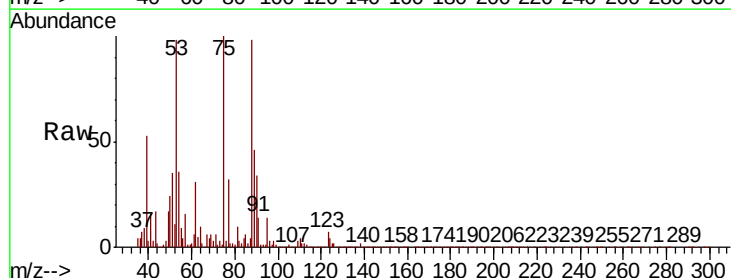
Tgt Ion: 75 Resp: 186523

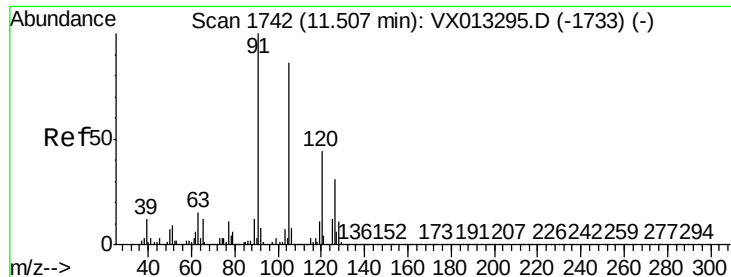
Ion Ratio Lower Upper

75 100

53 97.9 81.0 121.6

89 45.6 36.0 54.0

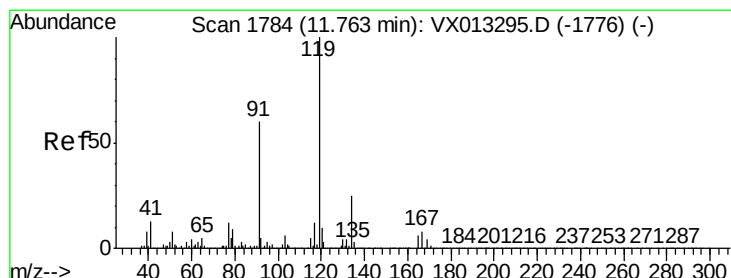
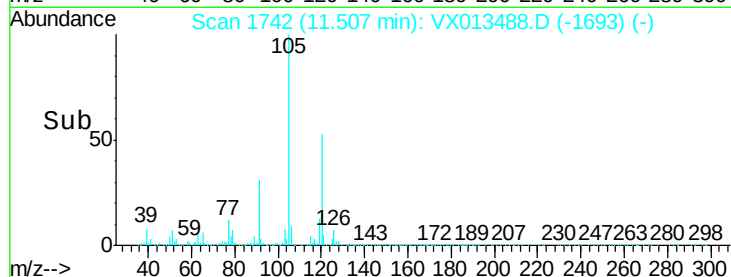
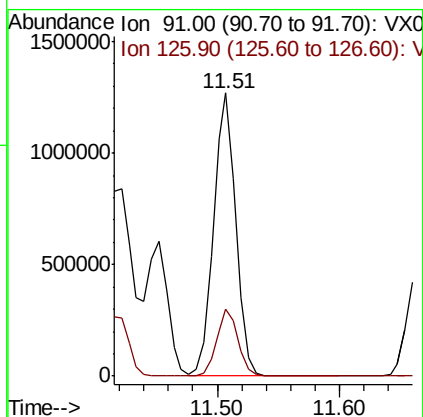
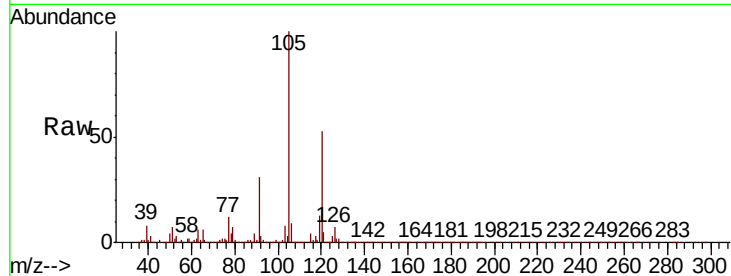




#82
4-Chlorotoluene
Concen: 69.590 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

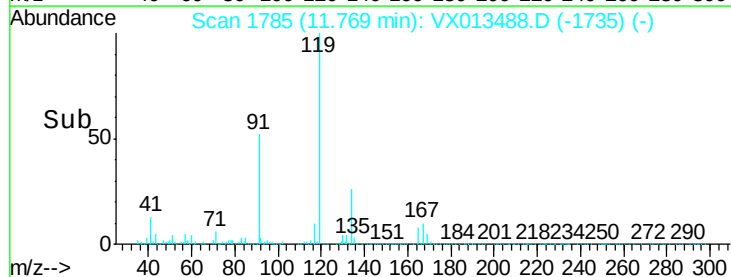
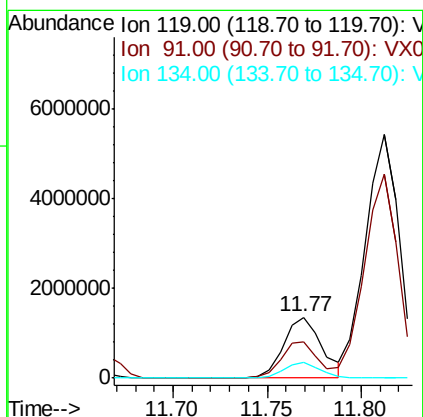
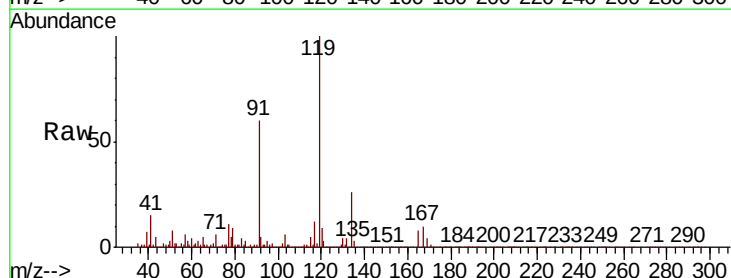
Instrument :
MSVOA_X
ClientSampled :
MW-3MSD

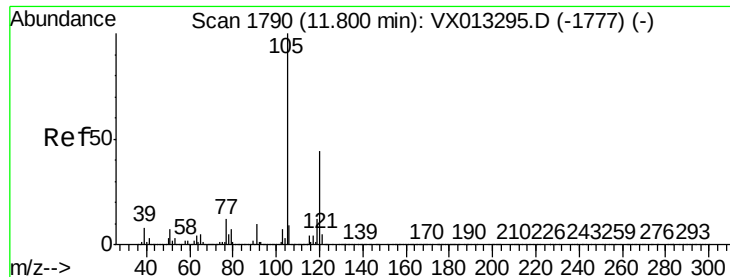
Tot Ion: 91 Resp: 1607304
Ion Ratio Lower Upper
91 100
126 22.4 15.3 45.8



#83
tert-Butylbenzene
Concen: 76.607 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion: 119 Resp: 1888384
Ion Ratio Lower Upper
119 100
91 55.4 26.9 80.7
134 23.9 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 204.306 ug/l

RT: 11.67 min Scan# 1768

Delta R.T. -0.13 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

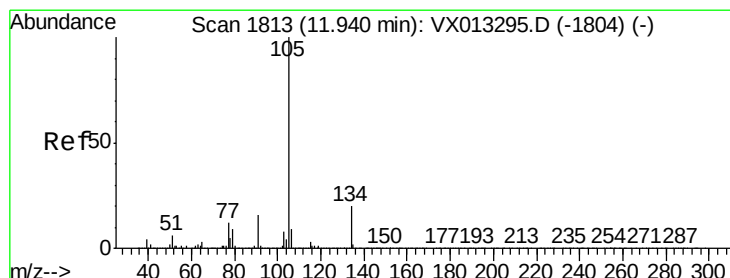
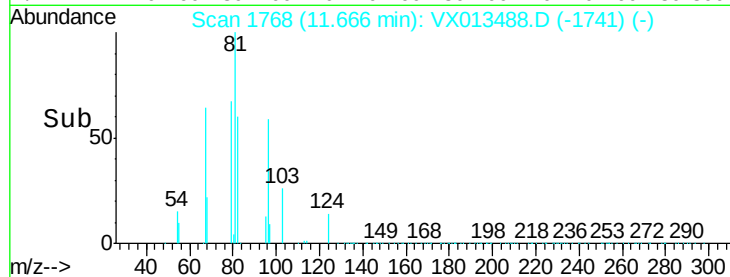
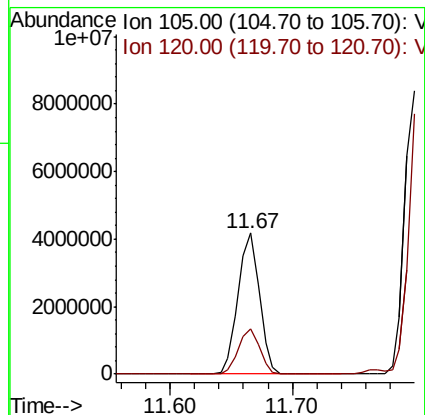
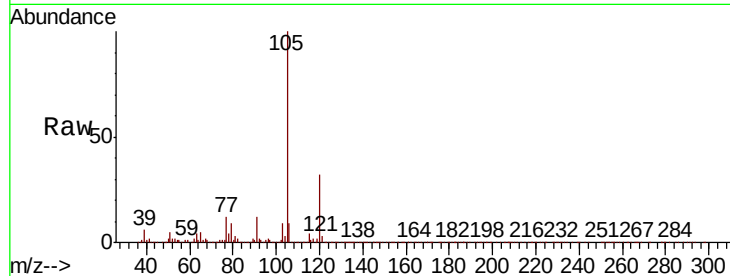
MW-3MSD

Tot Ion:105 Resp: 5018717

Ion Ratio Lower Upper

105 100

120 31.7 22.7 68.1



#85

sec-Butylbenzene

Concen: 149.687 ug/l

RT: 11.95 min Scan# 1814

Delta R.T. 0.01 min

Lab File: VX013488.D

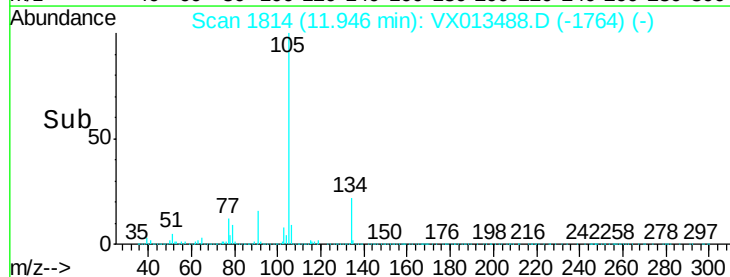
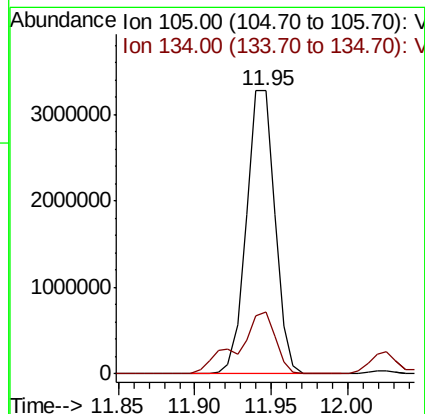
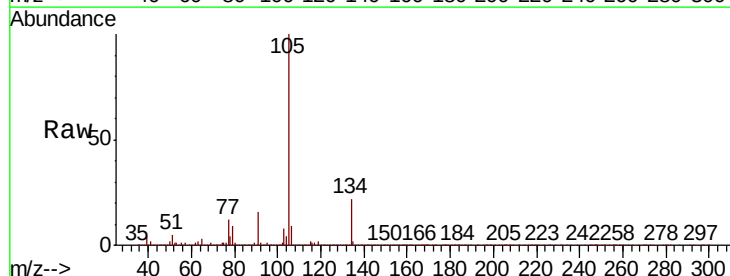
Acq: 20 Nov 2019 19:28

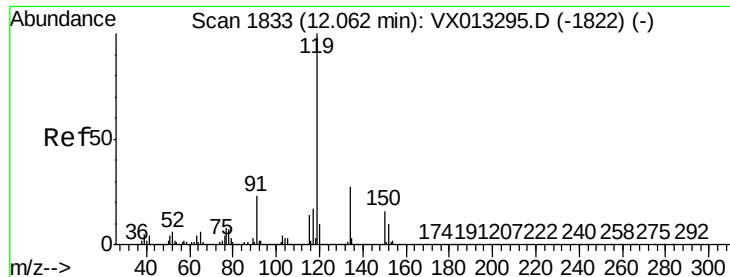
Tgt Ion:105 Resp: 4240707

Ion Ratio Lower Upper

105 100

134 29.0 10.3 30.9

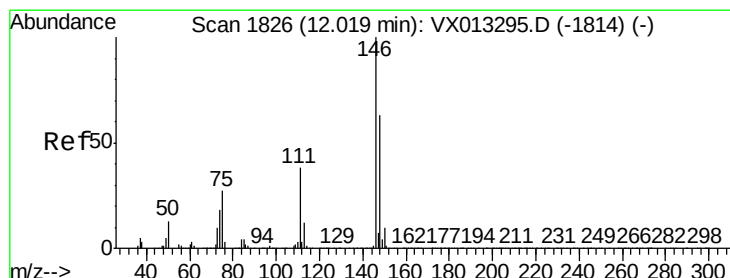
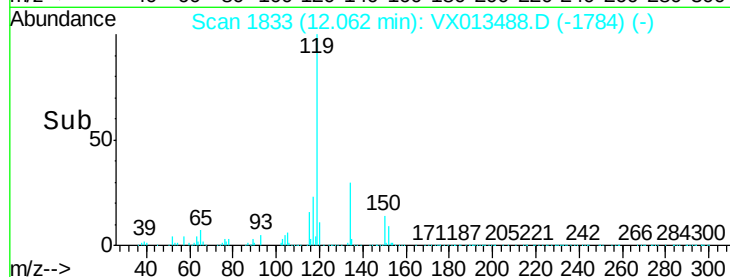
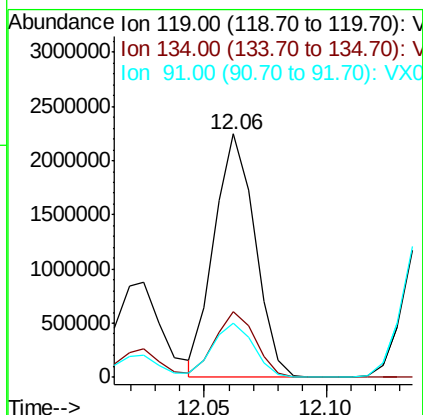
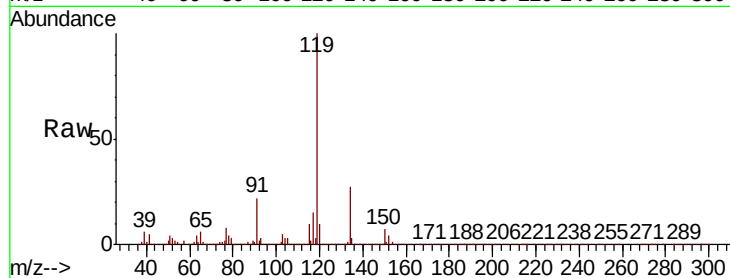




#86
p-Isopropyltoluene
Concen: 99.924 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

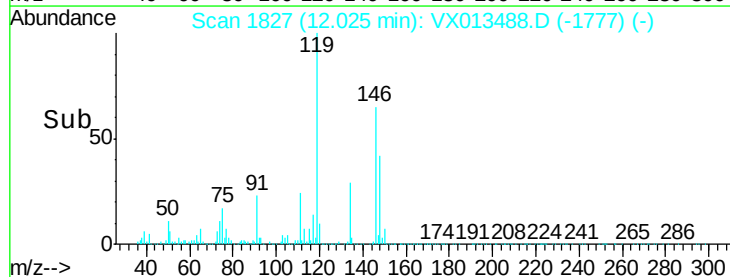
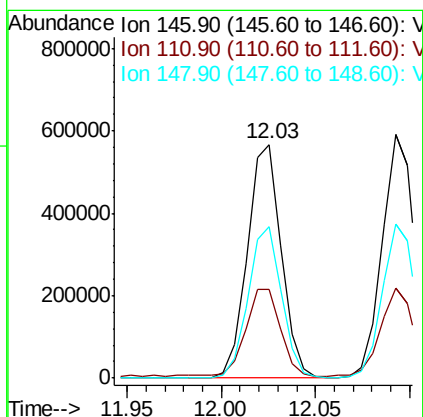
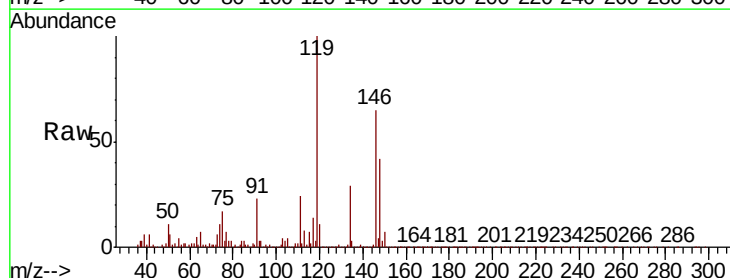
Instrument :
MSVOA_X
ClientSampleId :
MW-3MSD

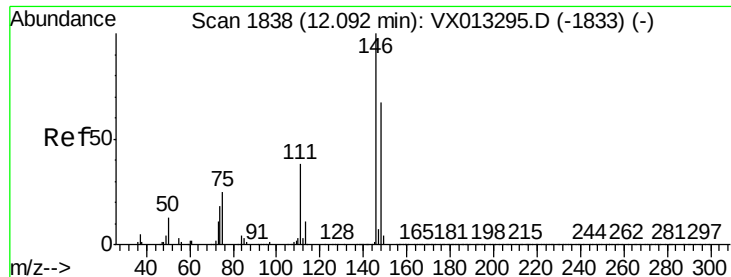
Tot Ion:119 Resp: 2606766
Ion Ratio Lower Upper
119 100
134 26.9 13.3 39.8
91 22.9 11.5 34.4



#87
1,3-Dichlorobenzene
Concen: 50.522 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013488.D
Acq: 20 Nov 2019 19:28

Tgt Ion:146 Resp: 705803
Ion Ratio Lower Upper
146 100
111 39.2 18.9 56.5
148 64.0 31.9 95.7





#88

1,4-Dichlorobenzene

Concen: 50.493 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

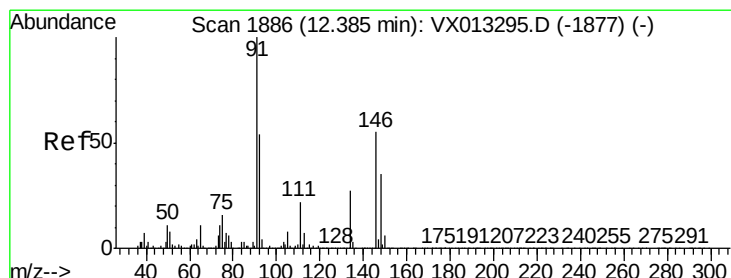
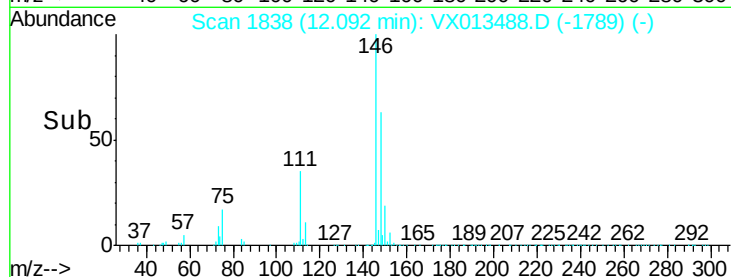
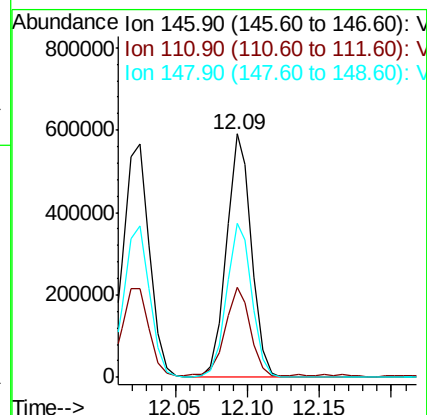
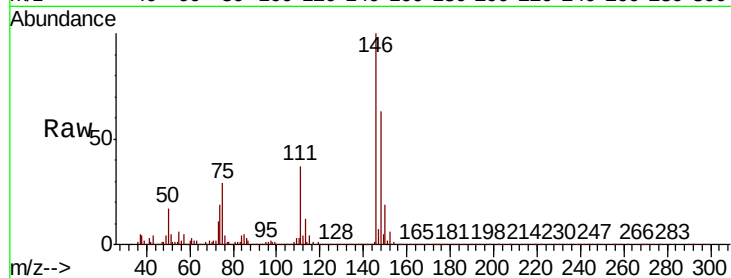
Tot Ion:146 Resp: 718688

Ion Ratio Lower Upper

146 100

111 36.3 18.8 56.4

148 64.0 32.4 97.0



#89

n-Butylbenzene

Concen: 132.356 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

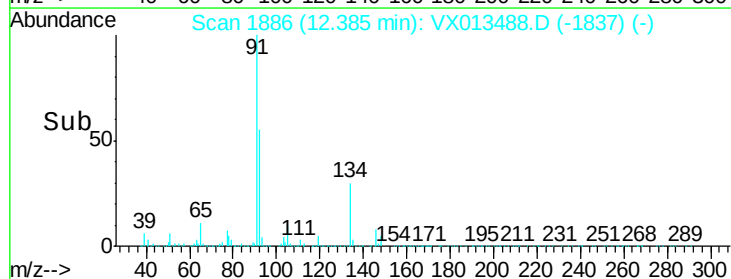
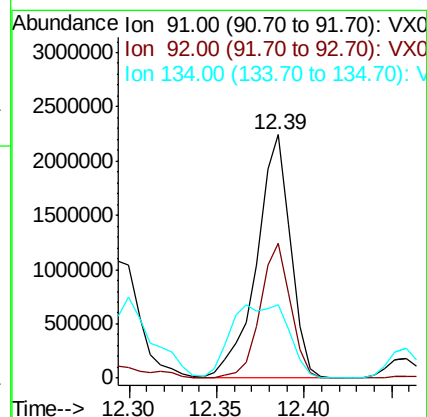
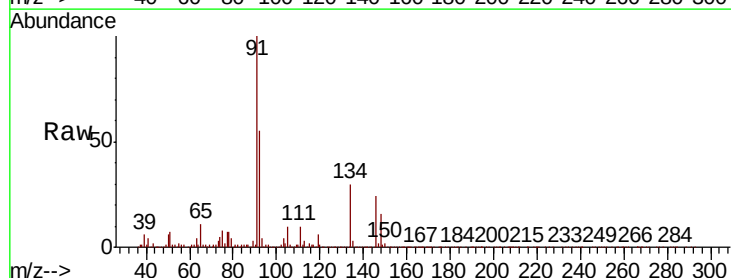
Tgt Ion: 91 Resp: 3012831

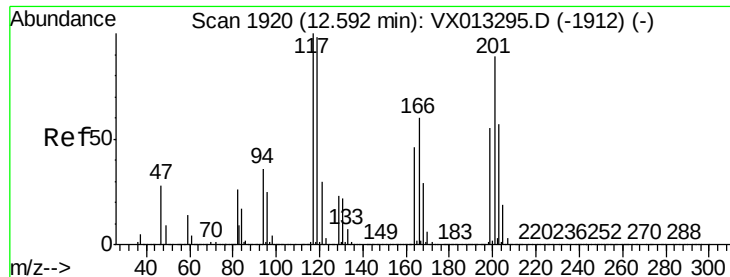
Ion Ratio Lower Upper

91 100

92 49.6 27.3 81.8

134 51.2 13.5 40.5#





#90

Hexachloroethane

Concen: 130.765 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampled :

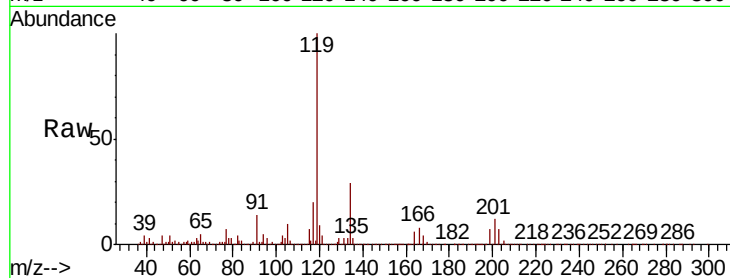
MW-3MSD

Tot Ion:117 Resp: 607800

Ion Ratio Lower Upper

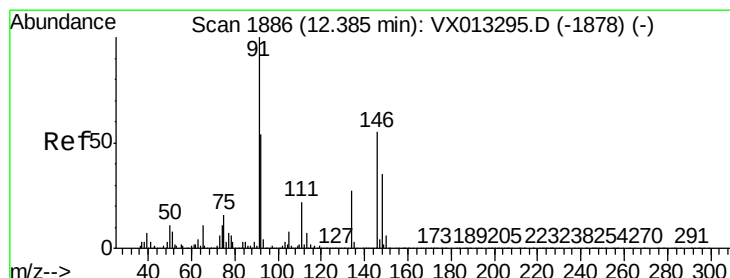
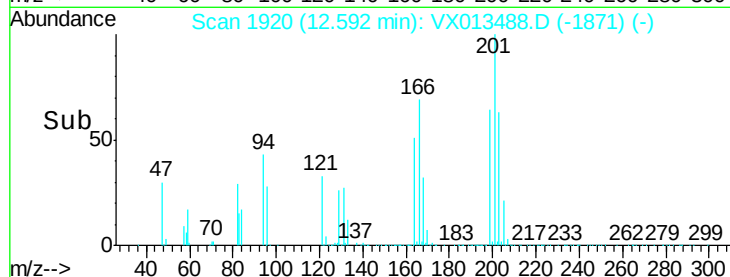
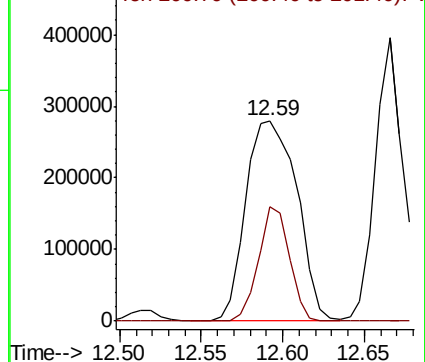
117 100

201 34.7 43.9 131.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 50.265 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

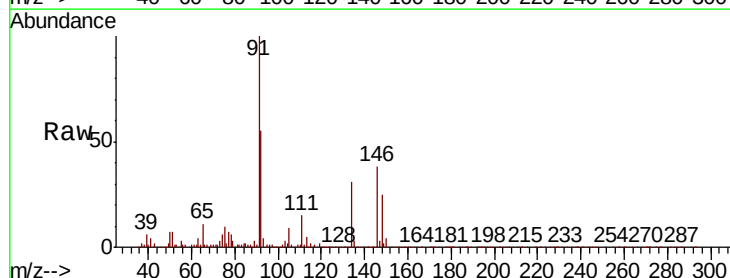
Tgt Ion:146 Resp: 701930

Ion Ratio Lower Upper

146 100

111 41.0 20.1 60.2

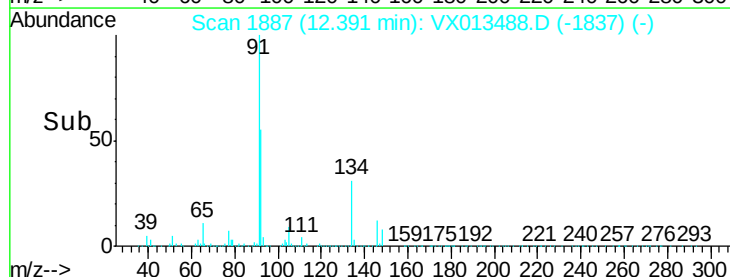
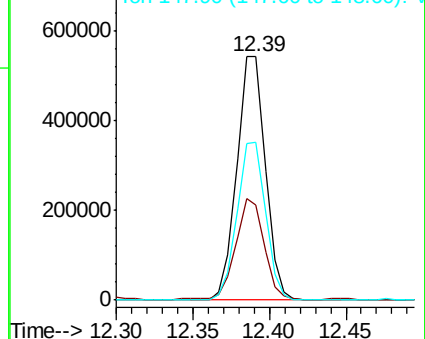
148 64.8 32.0 96.0

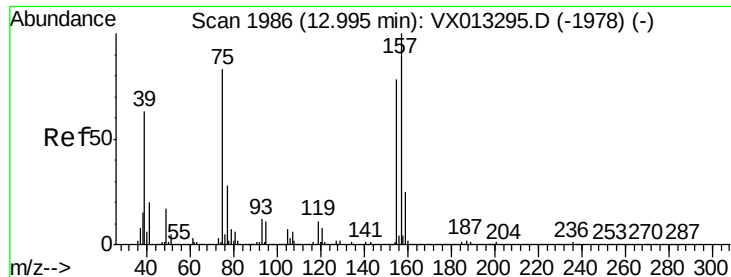


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 61.725 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

MSVOA_X

ClientSampleId :

MW-3MSD

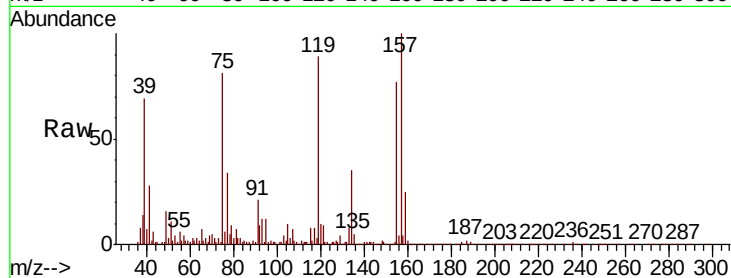
Tot Ion: 75 Resp: 161287

Ion Ratio Lower Upper

75 100

155 79.6 47.1 141.4

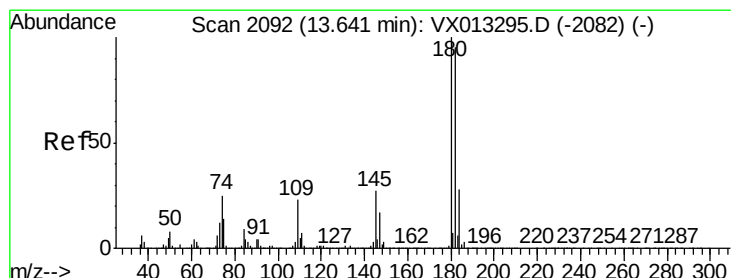
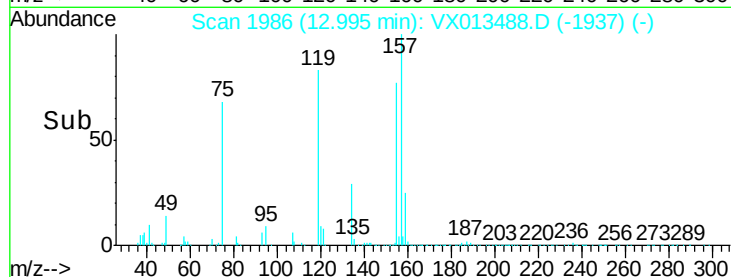
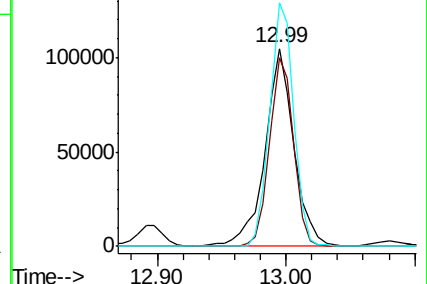
157 103.5 61.3 183.8



Abundance Ion 74.90 (74.60 to 75.60): VX013488.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX013488.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX013488.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 51.398 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

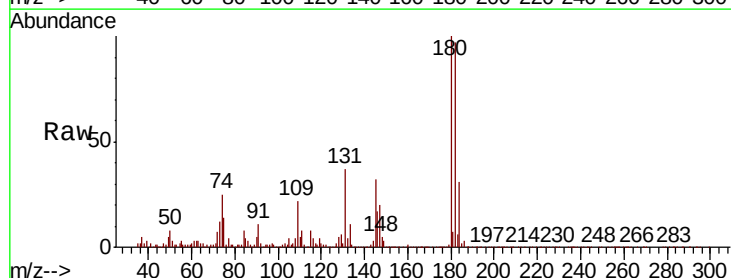
Tgt Ion: 180 Resp: 500659

Ion Ratio Lower Upper

180 100

182 96.7 48.4 145.0

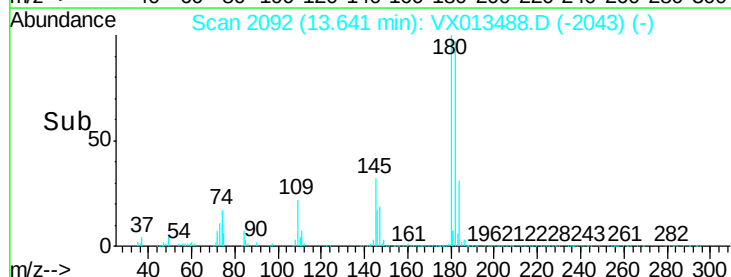
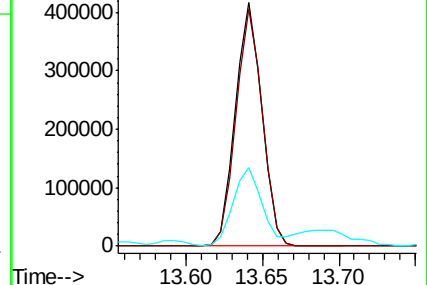
145 35.7 14.1 42.4

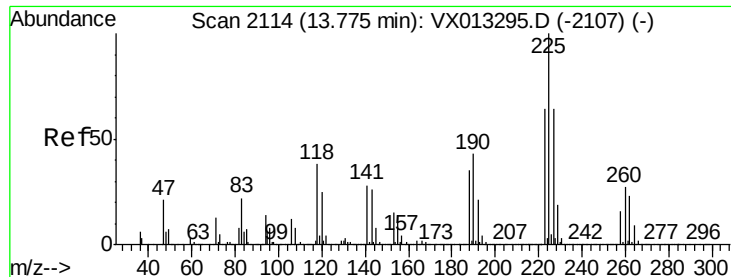


Abundance Ion 179.80 (179.50 to 180.50): VX013488.D (-2043) (-)

Ion 181.80 (181.50 to 182.50): VX013488.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX013488.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 44.801 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Instrument :

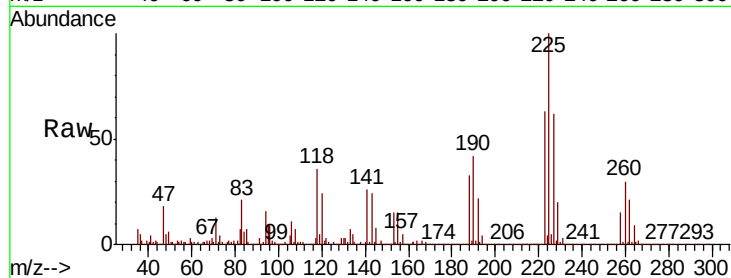
MSVOA_X

ClientSampleId :

MW-3MSD

Tot Ion:225 Resp: 213503

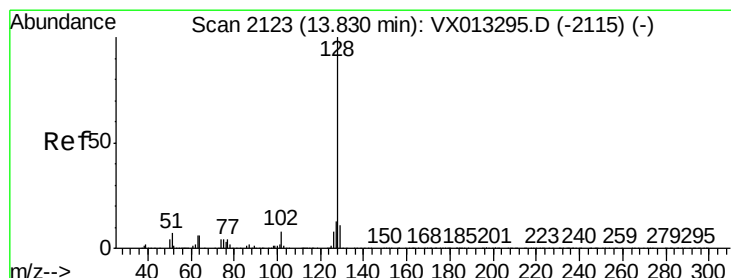
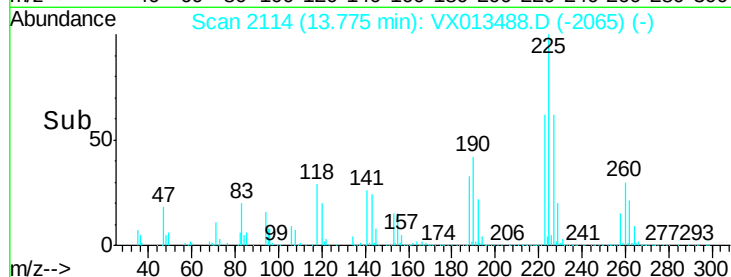
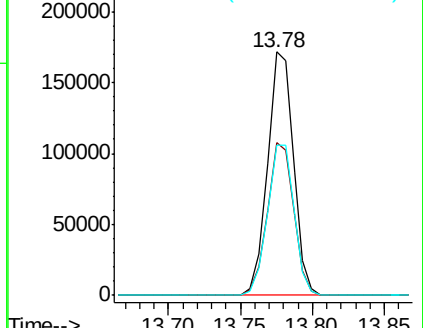
Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.9	95.7
227	63.7	31.9	95.9



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: 118.652 ug/l

RT: 13.83 min Scan# 2123

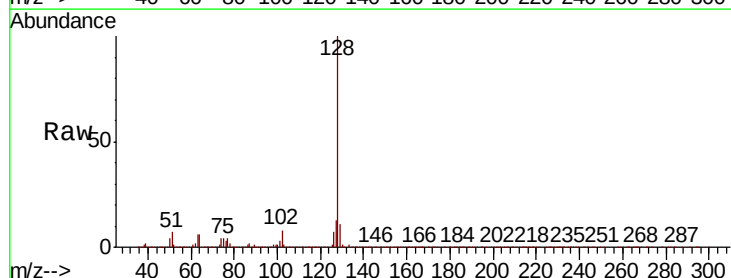
Delta R.T. -0.00 min

Lab File: VX013488.D

Acq: 20 Nov 2019 19:28

Tgt Ion:128 Resp: 3626242

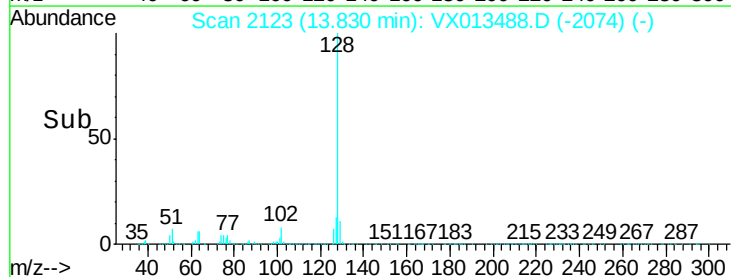
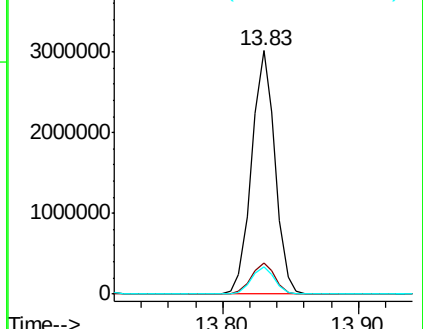
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.2	8.5	12.7

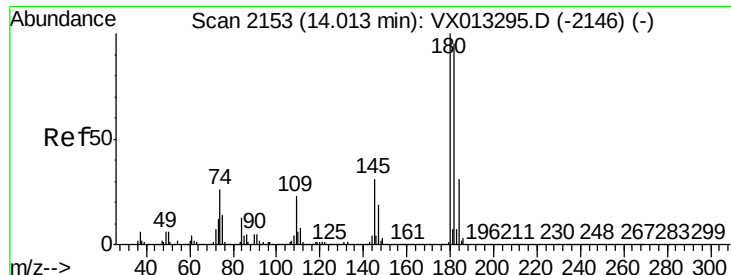


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

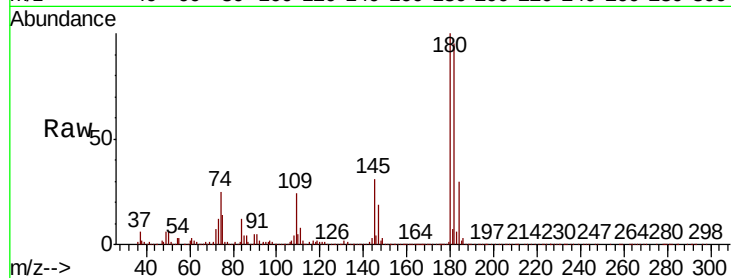




#96
 1,2,3-Trichlorobenzene
 Concen: 51.501 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013488.D
 Acq: 20 Nov 2019 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.2
145	32.5	15.4	46.4



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

