

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009296.D
 Acq On : 03 May 2019 00:17
 Operator : JC/SP
 Sample : K2659-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Quant Time: May 03 02:48:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121285	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116610	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	5.50	113	85957	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	8.71	98	347193	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.13	95	126518	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	77326	49.984	ug/l	100
3) Chloromethane	1.32	50	105824	50.105	ug/l	99
4) Vinyl Chloride	1.41	62	113769	55.240	ug/l	98
5) Bromomethane	1.64	94	57657	46.642	ug/l	98
6) Chloroethane	1.71	64	70031	52.962	ug/l	99
7) Trichlorofluoromethane	1.92	101	128747	51.428	ug/l	99
8) Diethyl Ether	2.19	74	61542	51.897	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79047	50.281	ug/l	100
10) Methyl Iodide	2.51	142	87587	48.139	ug/l	100
11) Tert butyl alcohol	3.05	59	139510	262.991	ug/l	99
12) 1,1-Dichloroethene	2.37	96	81341	51.640	ug/l	95
13) Acrolein	2.29	56	101591	211.465	ug/l	99
14) Allyl chloride	2.73	41	188014	48.979	ug/l	99
15) Acrylonitrile	3.14	53	348031	268.325	ug/l	99
16) Acetone	2.45	43	298638	242.685	ug/l	98
17) Carbon Disulfide	2.57	76	215191	48.660	ug/l	99
18) Methyl Acetate	2.78	43	145775	49.812	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	320688	52.428	ug/l	100
20) Methylene Chloride	2.85	84	98964	49.670	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	87798	51.396	ug/l	98
22) Diisopropyl ether	3.86	45	387232	52.455	ug/l	92
23) Vinyl Acetate	3.82	43	1627072	257.388	ug/l	99
24) 1,1-Dichloroethane	3.70	63	186936	51.331	ug/l	99
25) 2-Butanone	4.67	43	511490	267.481	ug/l	100
26) 2,2-Dichloropropane	4.59	77	95219	35.127	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	105910	51.942	ug/l	96
28) Bromochloromethane	5.01	49	74758	51.053	ug/l	98
29) Tetrahydrofuran	5.13	42	342009	277.938	ug/l	99
30) Chloroform	5.21	83	171416	52.043	ug/l	100
31) Cyclohexane	5.58	56	172601	50.942	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	138577	50.541	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125389	49.257	ug/l	99
37) Ethyl Acetate	4.84	43	181793	51.255	ug/l	99
38) Carbon Tetrachloride	5.78	117	116375	50.316	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	150783	48.231	ug/l	99
40) Benzene	6.14	78	398638	50.600	ug/l	99
41) Methacrylonitrile	5.04	41	109680	51.949	ug/l	99
42) 1,2-Dichloroethane	6.20	62	146036	51.675	ug/l	100
43) Isopropyl Acetate	6.45	43	290924	51.279	ug/l	100
44) Trichloroethene	7.21	130	92477	48.555	ug/l	100
45) 1,2-Dichloropropane	7.51	63	114365	51.266	ug/l	99
46) Dibromomethane	7.66	93	65161	50.300	ug/l	98
47) Bromodichloromethane	7.90	83	133485	51.657	ug/l	96
48) Methyl methacrylate	7.77	41	151899	53.967	ug/l	98
49) 1,4-Dioxane	7.74	88	53283	933.459	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1007409	271.670	ug/l	99
52) Toluene	8.79	92	242705	50.680	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	146132	50.089	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159741	49.468	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	101661	52.033	ug/l	98
56) Ethyl methacrylate	9.18	69	185472	53.180	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177588	51.652	ug/l	100
59) 2-Hexanone	9.49	43	785468	269.700	ug/l	99
60) Dibromochloromethane	9.58	129	100622	52.731	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102064	51.751	ug/l	100
64) Tetrachloroethene	9.34	164	82462	48.648	ug/l	98
65) Chlorobenzene	10.14	112	250828	50.741	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	92442	51.581	ug/l	100
67) Ethyl Benzene	10.25	91	461458	50.723	ug/l	98
68) m/p-Xylenes	10.36	106	335474	100.908	ug/l	97
69) o-Xylene	10.70	106	167445	51.048	ug/l	99
70) Styrene	10.71	104	295926	51.906	ug/l	99
71) Bromoform	10.85	173	76344	52.420	ug/l #	99
73) Isopropylbenzene	11.02	105	441544	50.063	ug/l	99
74) N-amyl acetate	10.90	43	262329	51.017	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	172589	52.493	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	191771	68.164	ug/l	82
77) Bromobenzene	11.26	156	110057	50.275	ug/l	99
78) n-propylbenzene	11.36	91	508452	50.479	ug/l	100
79) 2-Chlorotoluene	11.42	91	306809	49.372	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	373263	50.263	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50404	45.840	ug/l	95
82) 4-Chlorotoluene	11.51	91	352134	50.159	ug/l	100
83) tert-Butylbenzene	11.77	119	364057	50.394	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	379538	50.917	ug/l	100
85) sec-Butylbenzene	11.94	105	429359	50.131	ug/l	100
86) p-Isopropyltoluene	12.06	119	388564	50.465	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	194888	49.940	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	194442	49.421	ug/l	100
89) n-Butylbenzene	12.38	91	348782	50.118	ug/l	100
90) Hexachloroethane	12.60	117	65094	49.623	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	202248	50.882	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40304	54.645	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	139195	51.210	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

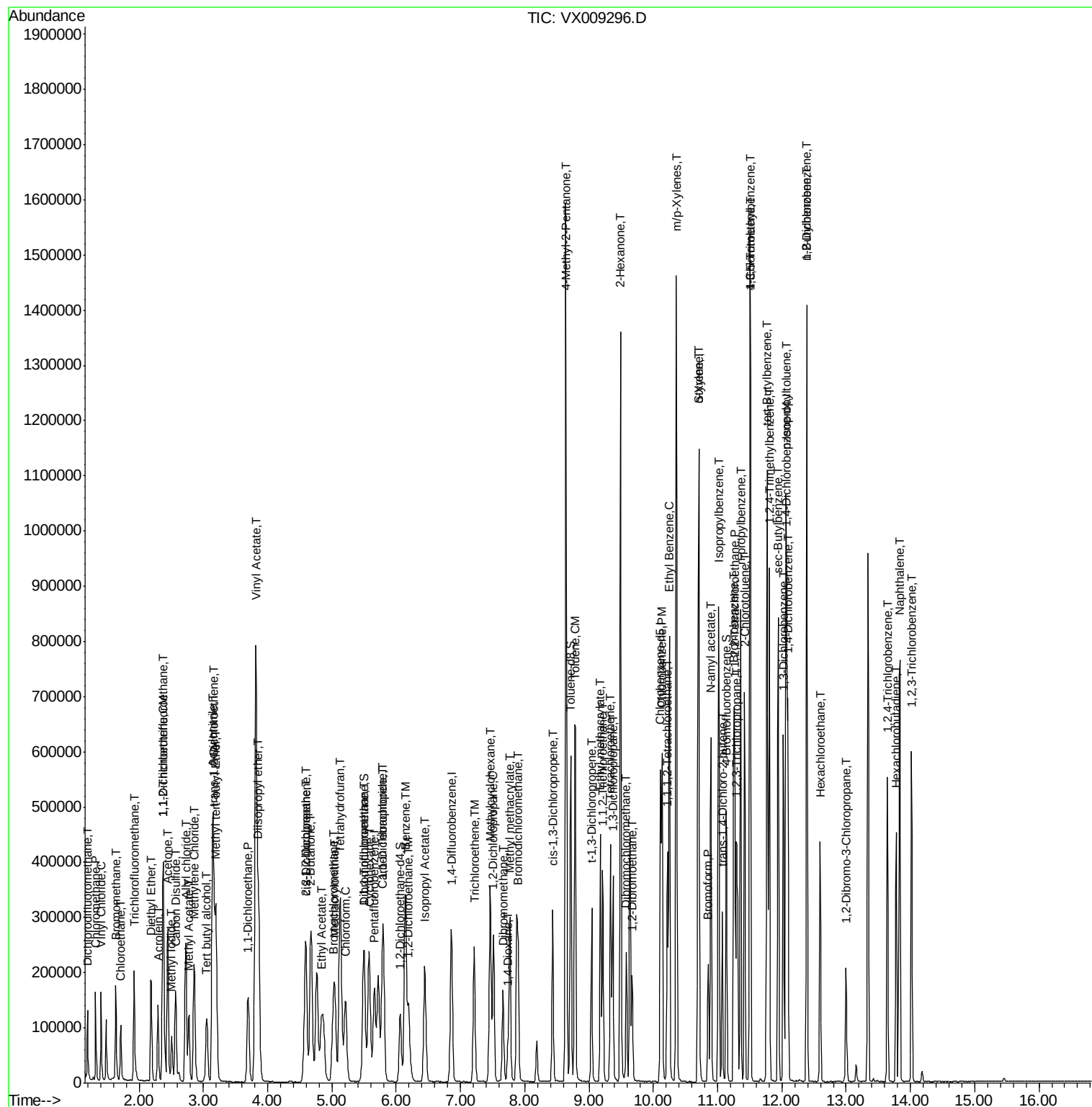
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	67532	48.653	ug/l	99
95) Naphthalene	13.83	128	474145	53.617	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	142957	51.885	ug/l	99

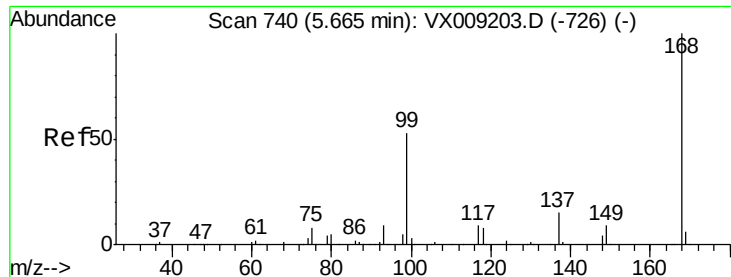
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

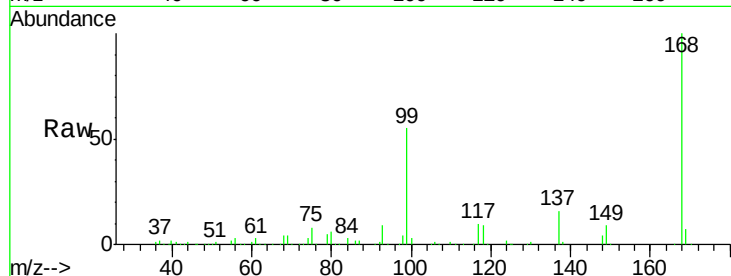
SS050MW641-190429MS

Tot Ion:168 Resp: 167876

Ion Ratio Lower Upper

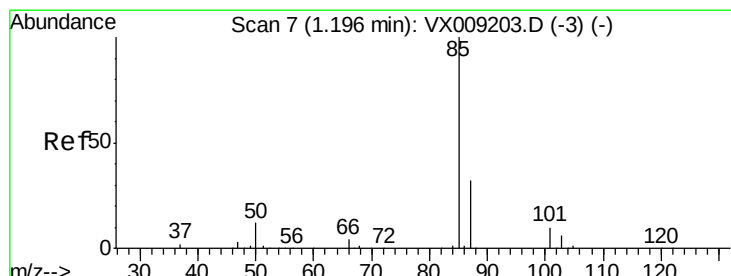
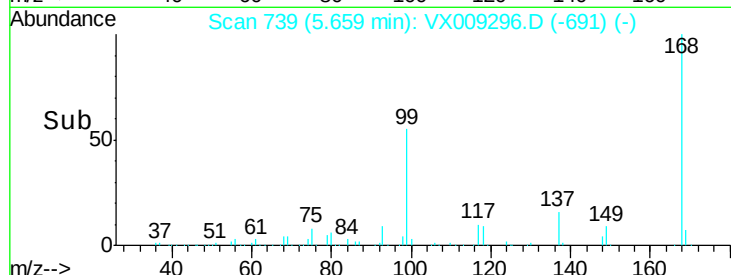
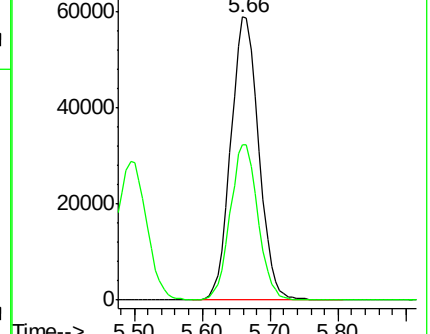
168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.984 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009296.D

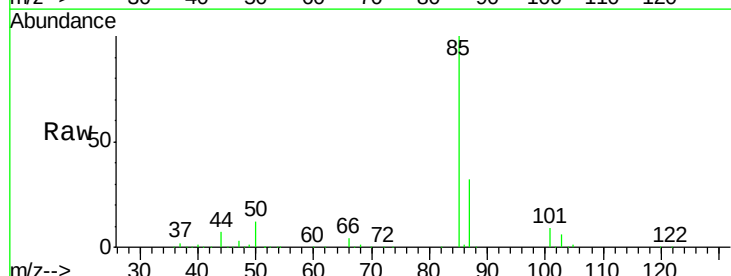
Acq: 03 May 2019 00:17

Tgt Ion: 85 Resp: 77326

Ion Ratio Lower Upper

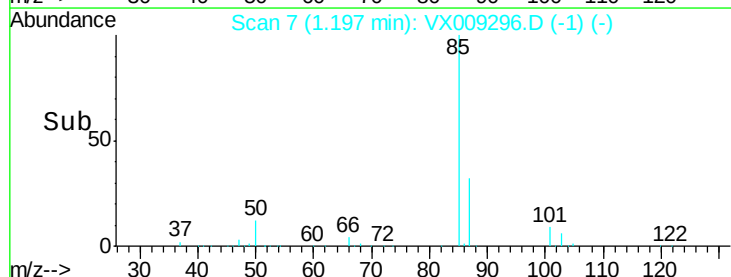
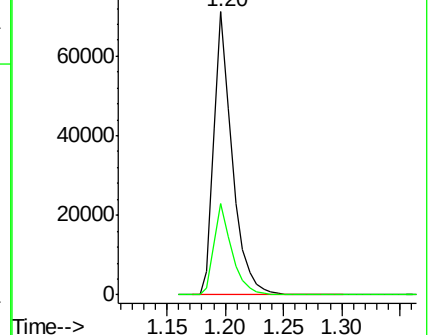
85 100

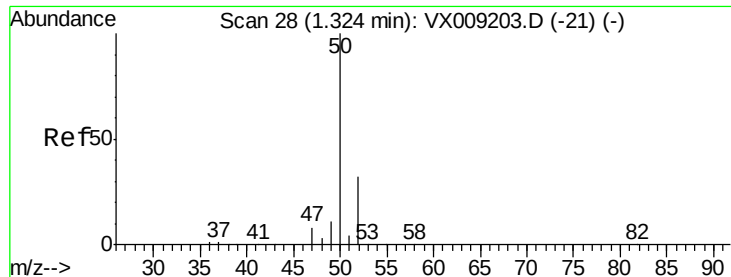
87 32.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.105 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

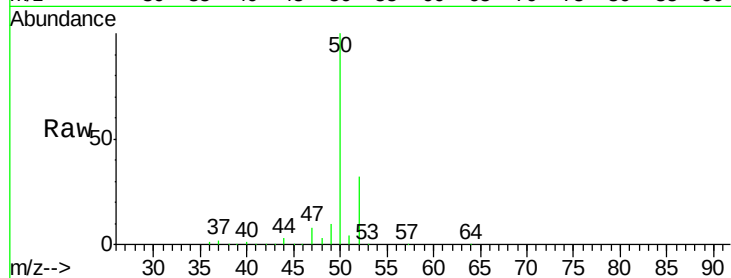
SS050MW641-190429MS

Tot Ion: 50 Resp: 105824

Ion Ratio Lower Upper

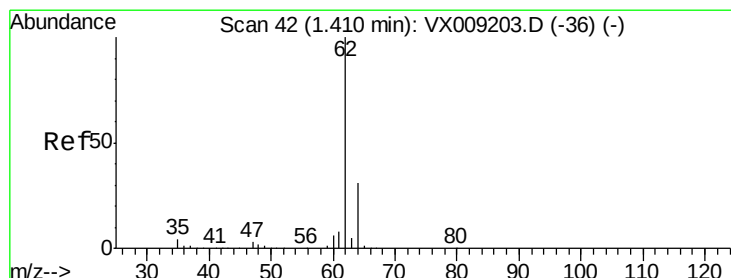
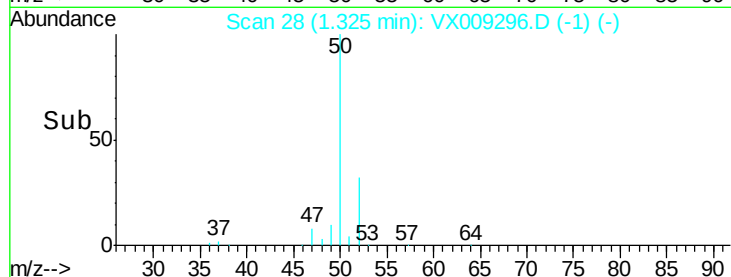
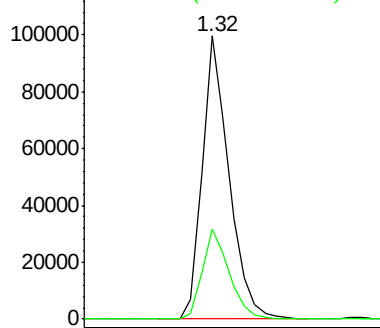
50 100

52 32.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 55.240 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009296.D

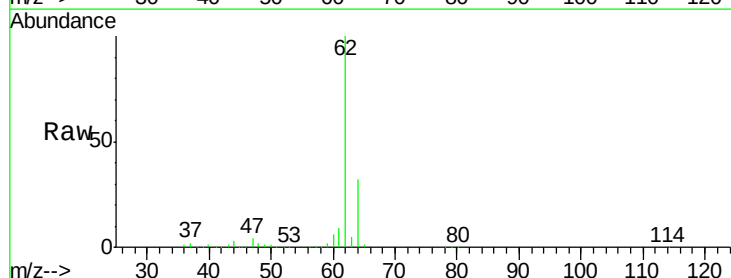
Acq: 03 May 2019 00:17

Tgt Ion: 62 Resp: 113769

Ion Ratio Lower Upper

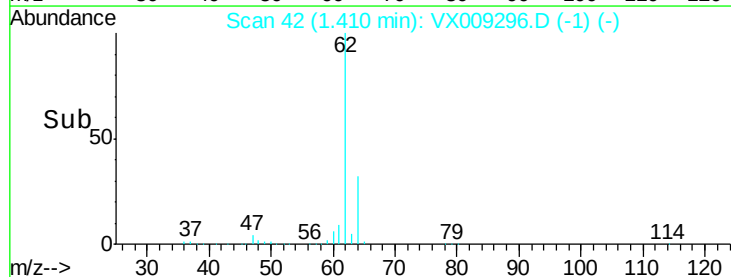
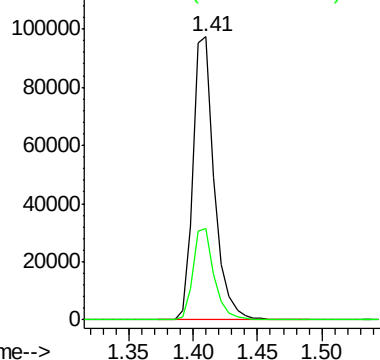
62 100

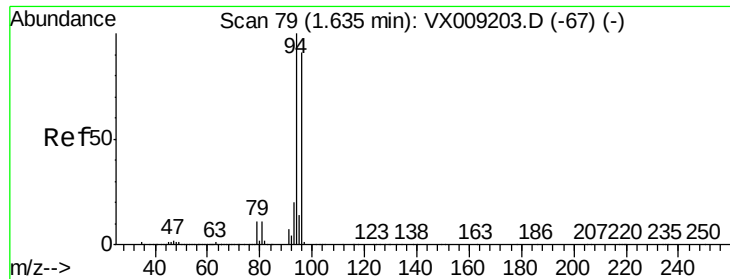
64 32.0 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.642 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

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ClientSampleId :

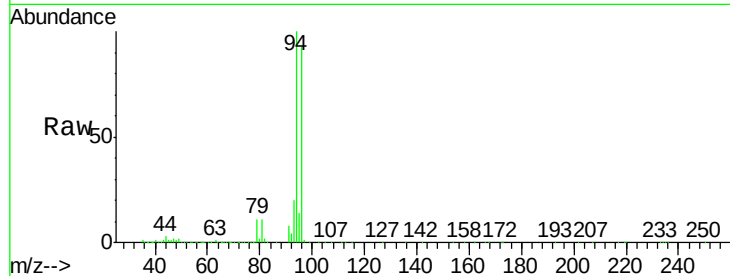
SS050MW641-190429MS

Tot Ion: 94 Resp: 57657

Ion Ratio Lower Upper

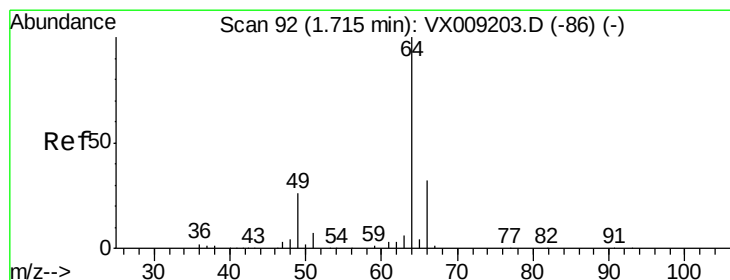
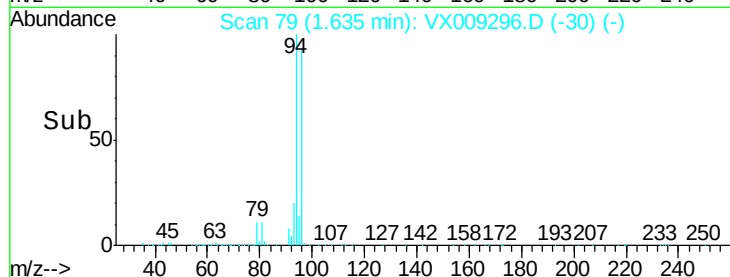
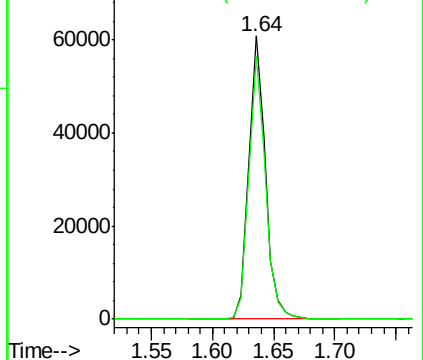
94 100

96 93.0 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.962 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009296.D

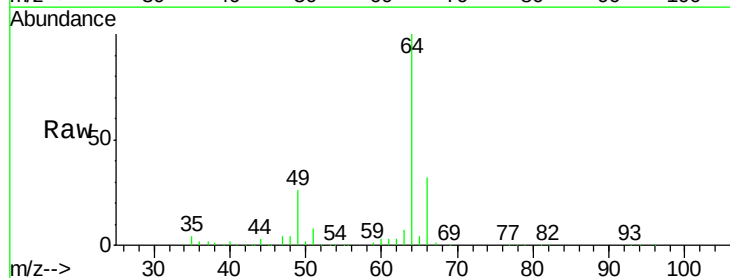
Acq: 03 May 2019 00:17

Tgt Ion: 64 Resp: 70031

Ion Ratio Lower Upper

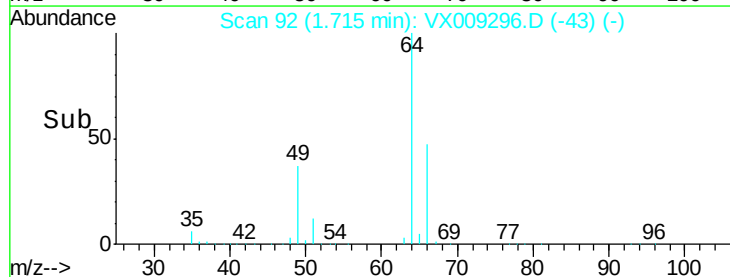
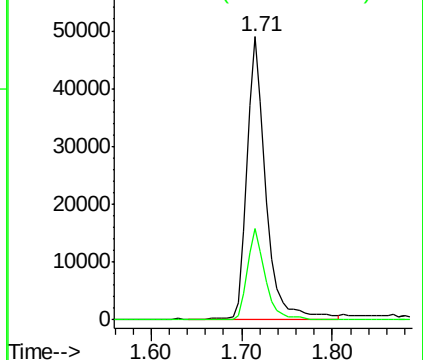
64 100

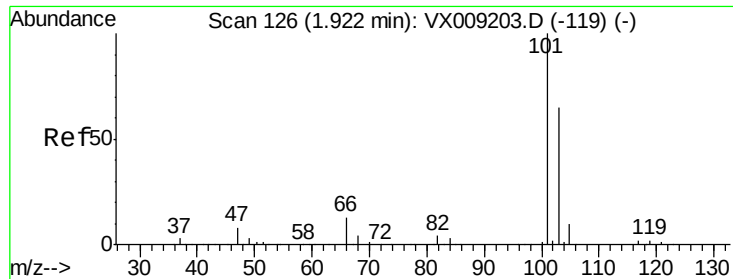
66 32.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



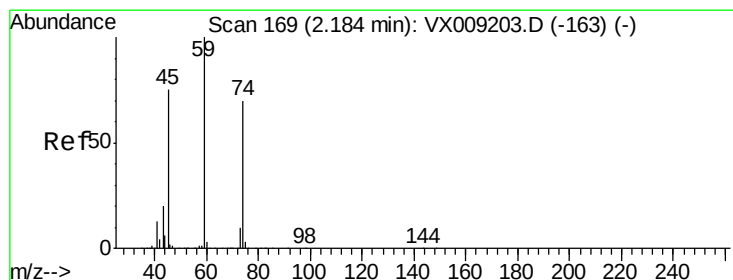
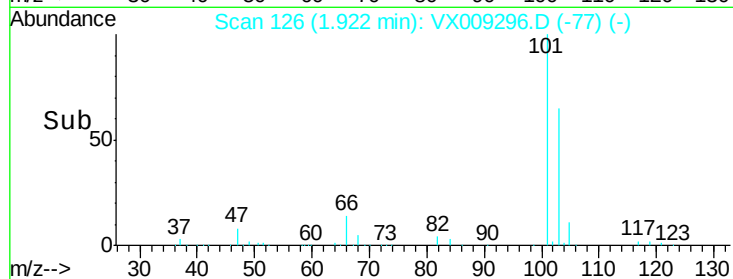
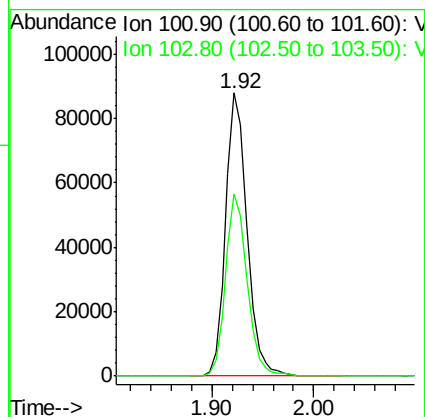
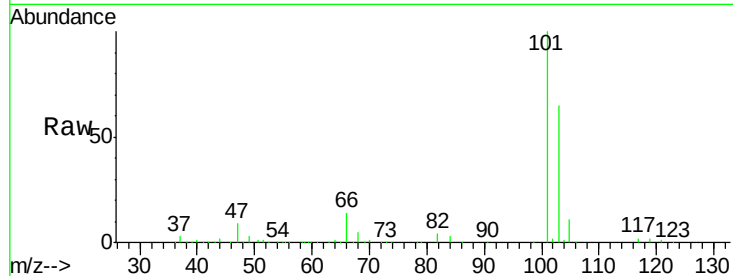


#7

Trichlorofluoromethane
Concen: 51.428 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX009296.D
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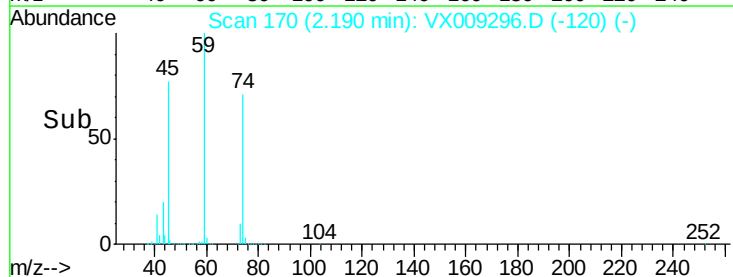
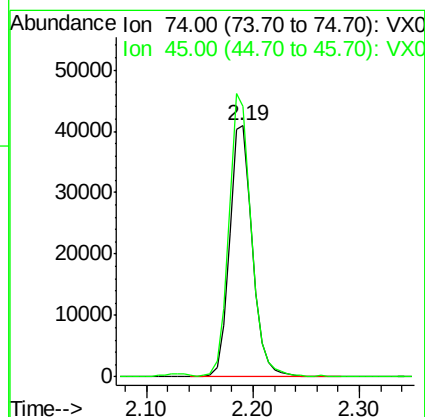
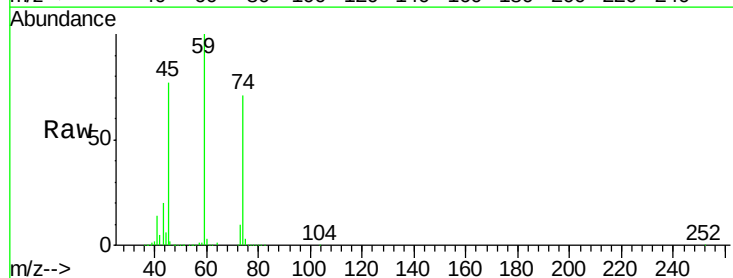
Tot Ion:101 Resp: 128747
Ion Ratio Lower Upper
101 100
103 64.6 52.4 78.6

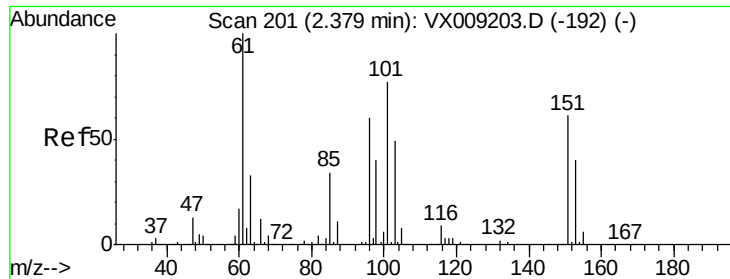


#8

Diethyl Ether
Concen: 51.897 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion: 74 Resp: 61542
Ion Ratio Lower Upper
74 100
45 109.9 53.3 159.9

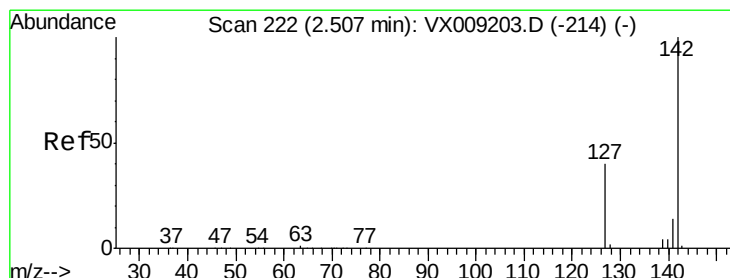
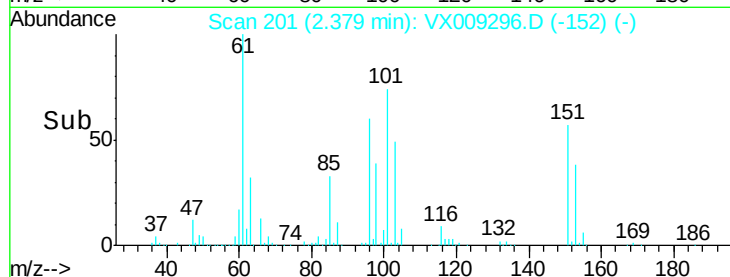
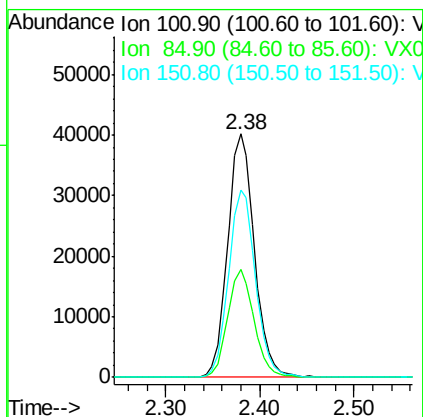
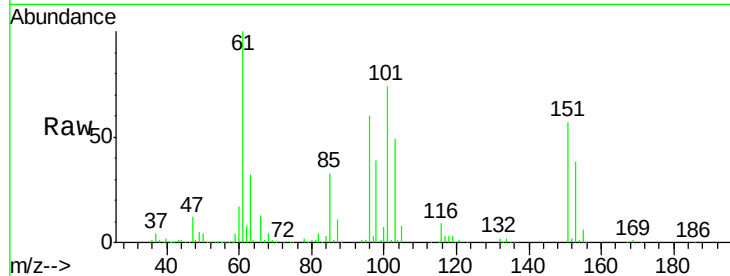




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.281 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

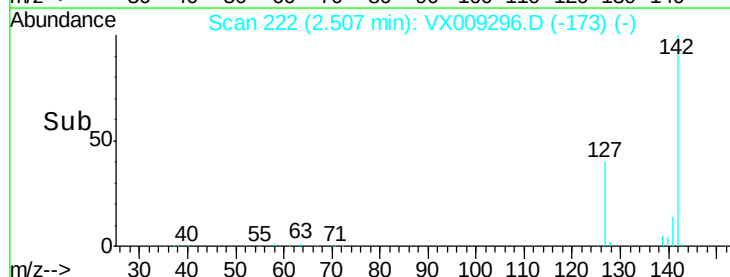
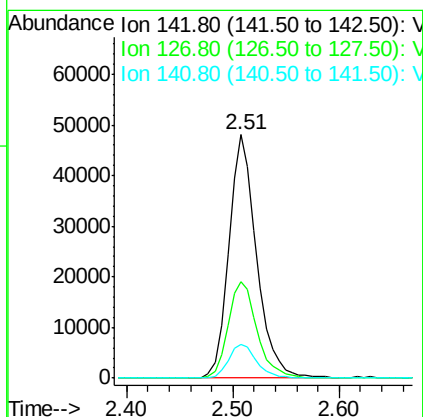
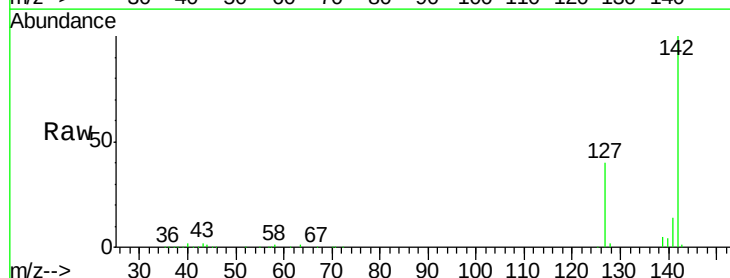
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

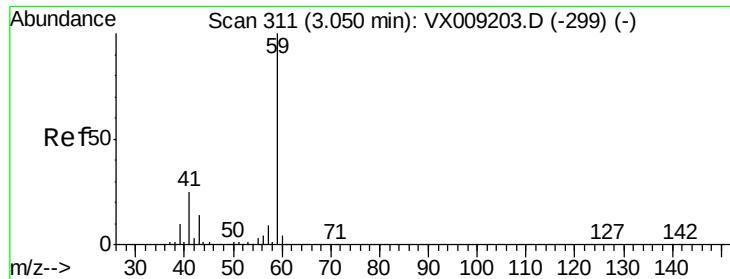
Tot Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.7	53.5
151	77.8	62.2	93.2



#10
 Methyl Iodide
 Concen: 48.139 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.3	32.7	49.1
141	14.3	11.5	17.3

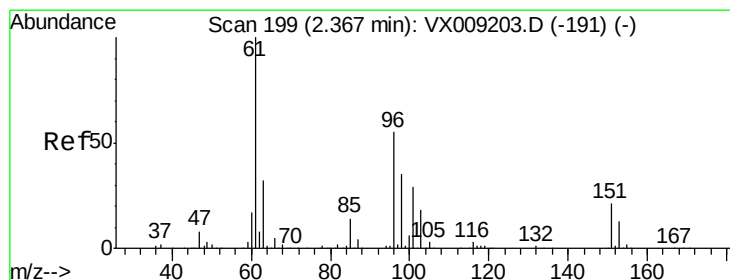
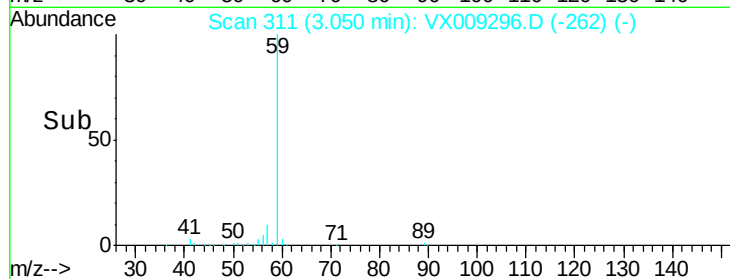
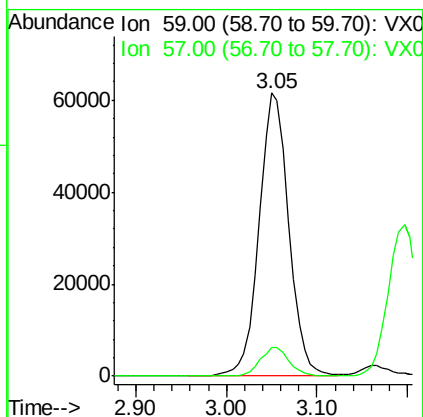
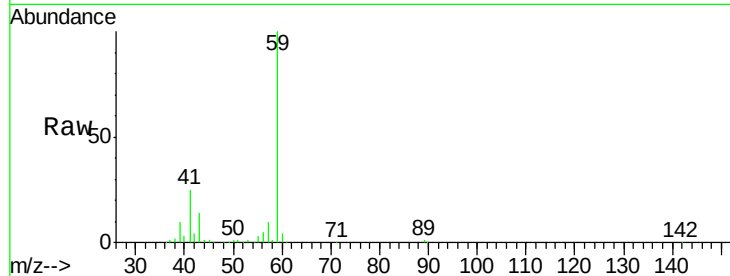




#11
Tert butyl alcohol
Concen: 262.991 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

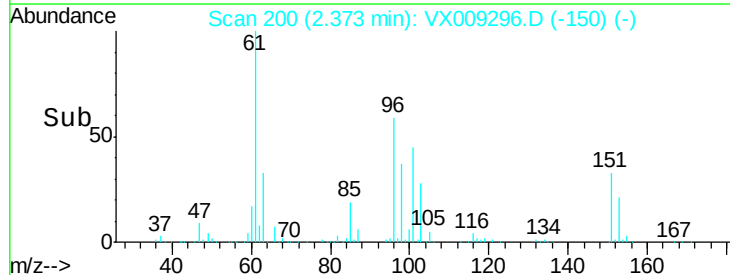
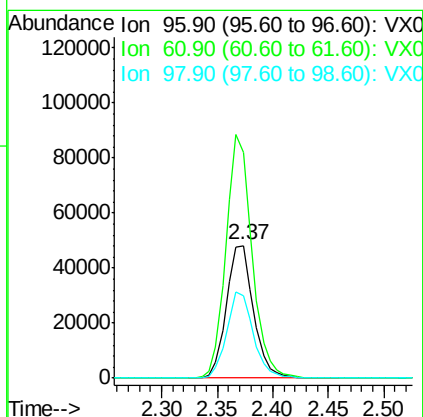
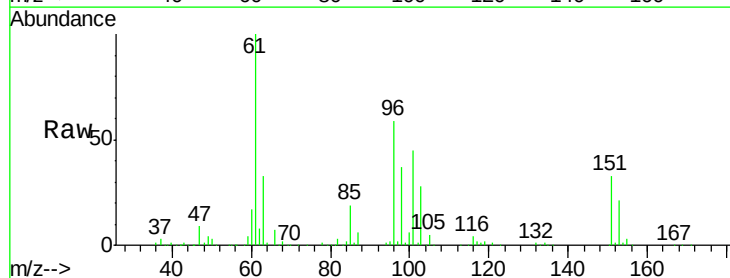
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

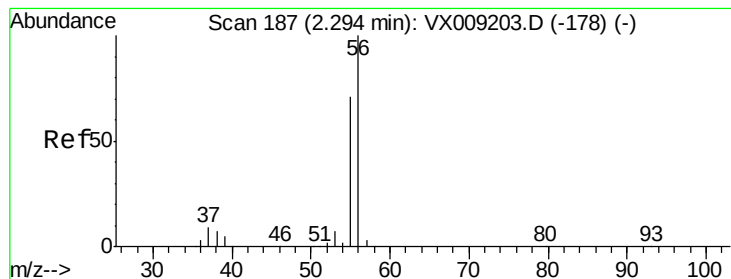
Tot Ion: 59 Resp: 139510
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 51.640 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion: 96 Resp: 81341
Ion Ratio Lower Upper
96 100
61 170.3 144.3 216.5
98 62.4 50.3 75.5





#13

Acrolein

Concen: 211.465 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

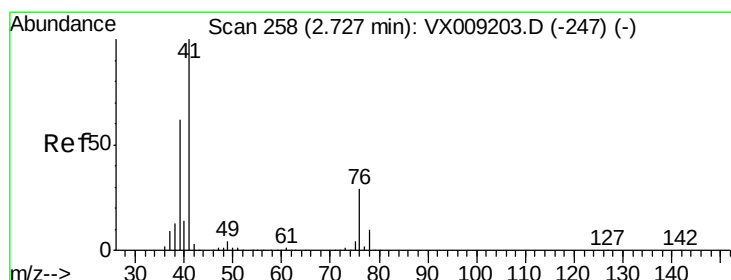
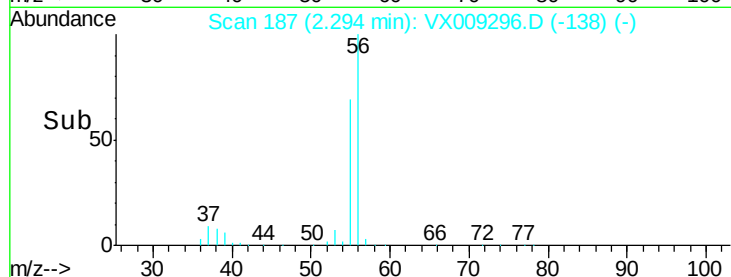
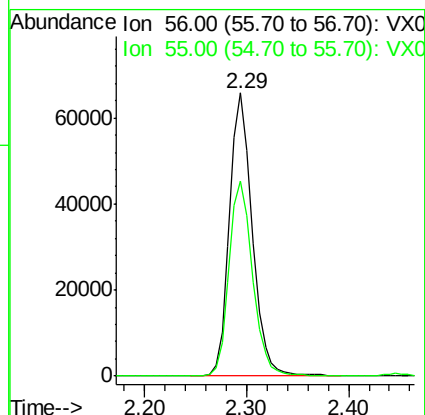
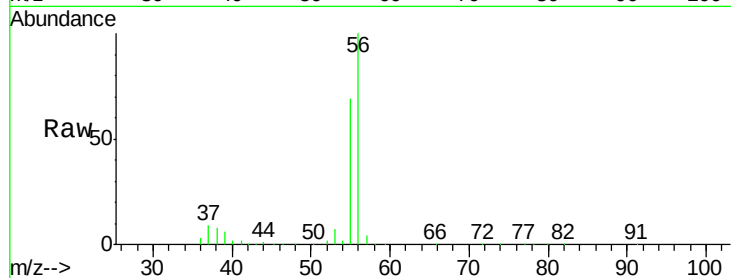
SS050MW641-190429MS

Tot Ion: 56 Resp: 101591

Ion Ratio Lower Upper

56 100

55 71.5 56.6 85.0



#14

Allyl chloride

Concen: 48.979 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

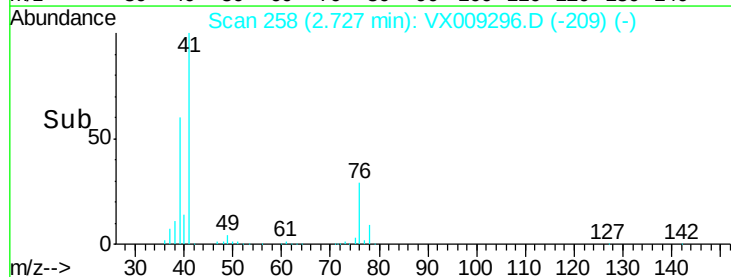
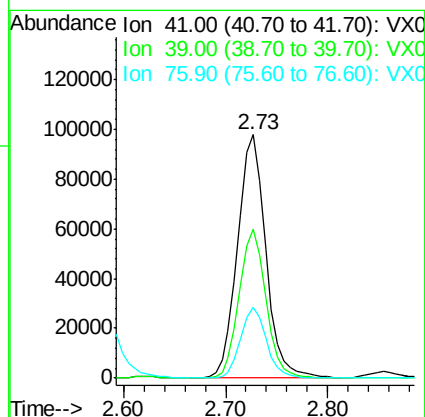
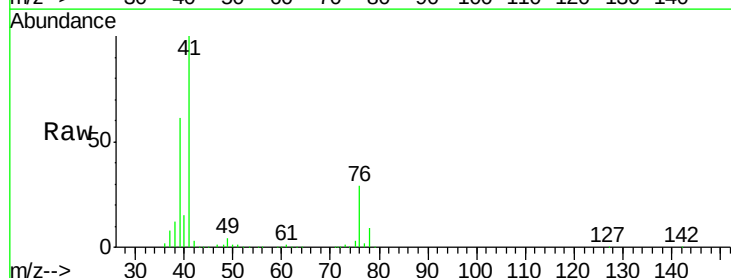
Tgt Ion: 41 Resp: 188014

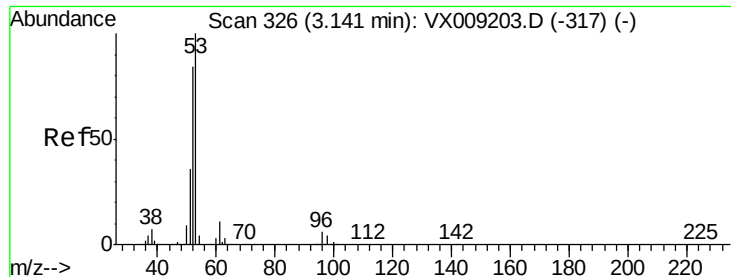
Ion Ratio Lower Upper

41 100

39 58.0 46.7 70.1

76 26.5 21.8 32.8





#15

Acrylonitrile

Concen: 268.325 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

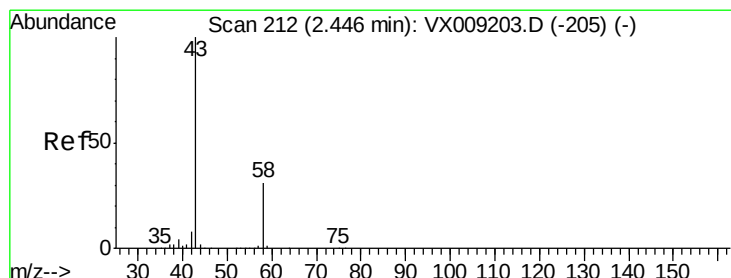
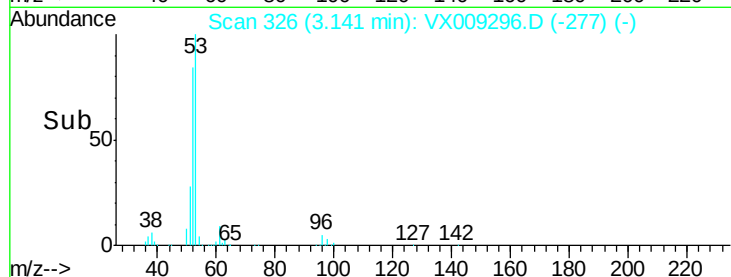
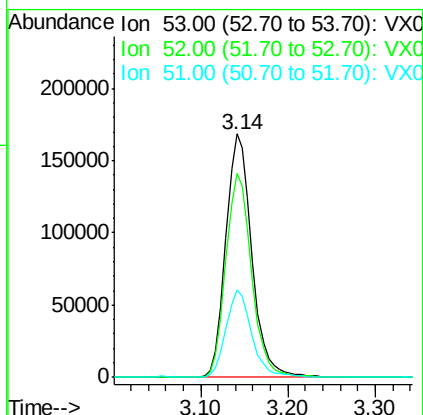
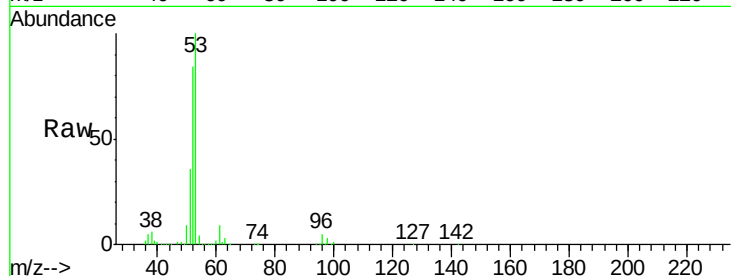
Tot Ion: 53 Resp: 348031

Ion Ratio Lower Upper

53 100

52 83.2 66.9 100.3

51 35.7 28.2 42.2



#16

Acetone

Concen: 242.685 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009296.D

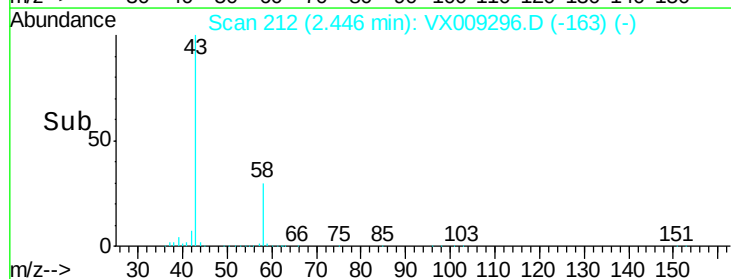
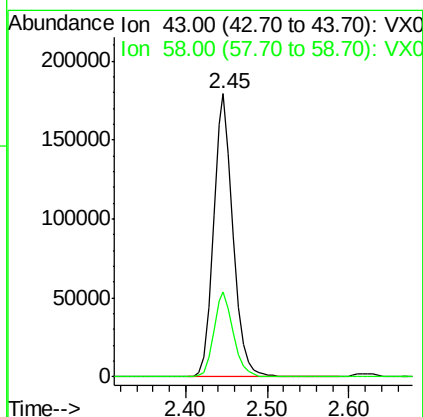
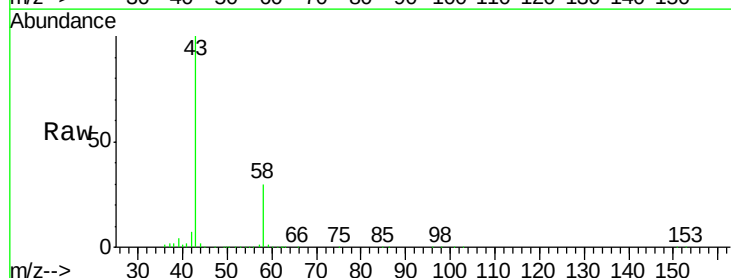
Acq: 03 May 2019 00:17

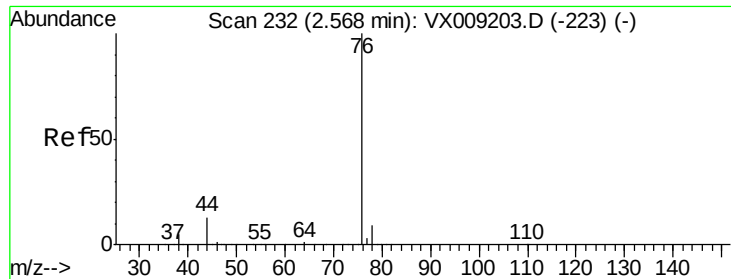
Tgt Ion: 43 Resp: 298638

Ion Ratio Lower Upper

43 100

58 29.9 24.9 37.3





#17

Carbon Disulfide

Concen: 48.660 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

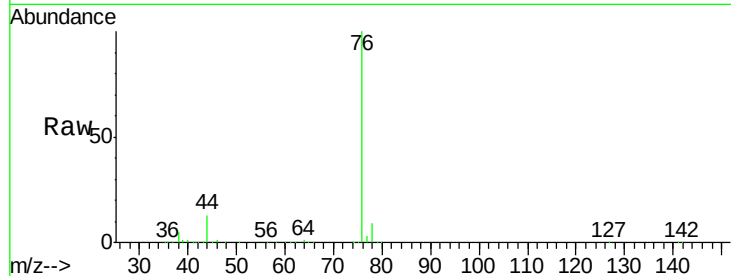
SS050MW641-190429MS

Tot Ion: 76 Resp: 215191

Ion Ratio Lower Upper

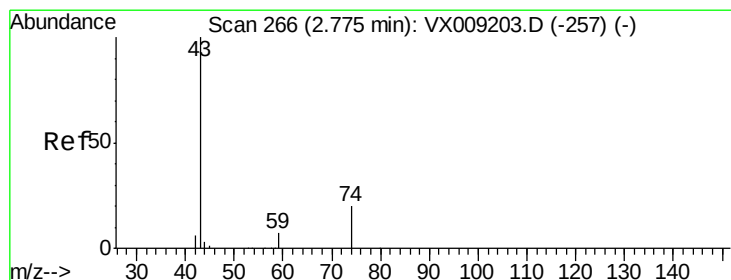
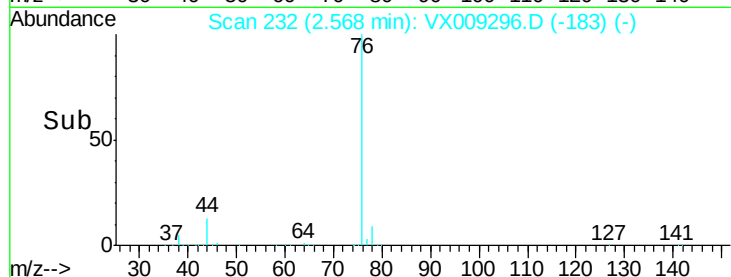
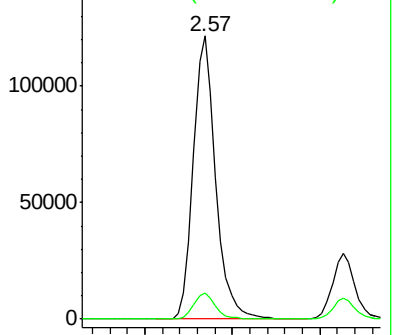
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.812 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009296.D

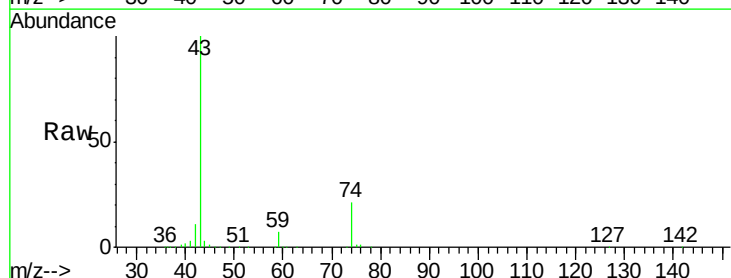
Acq: 03 May 2019 00:17

Tgt Ion: 43 Resp: 145775

Ion Ratio Lower Upper

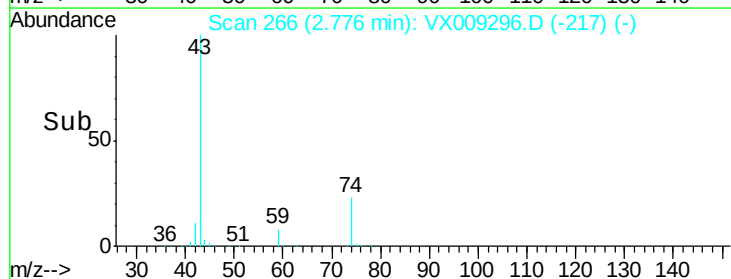
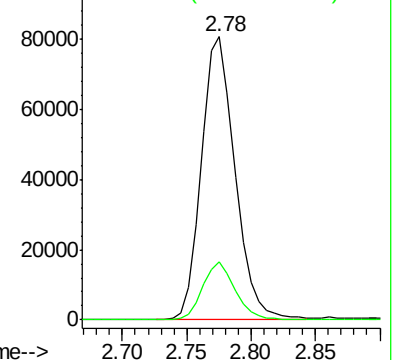
43 100

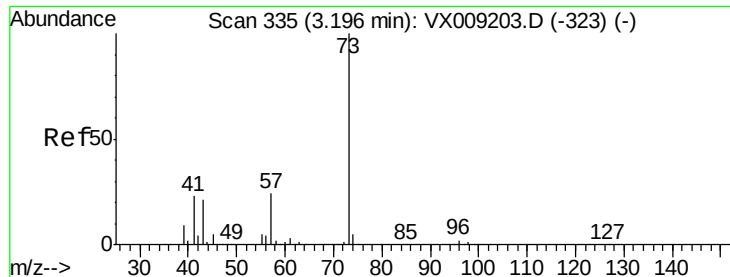
74 19.4 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

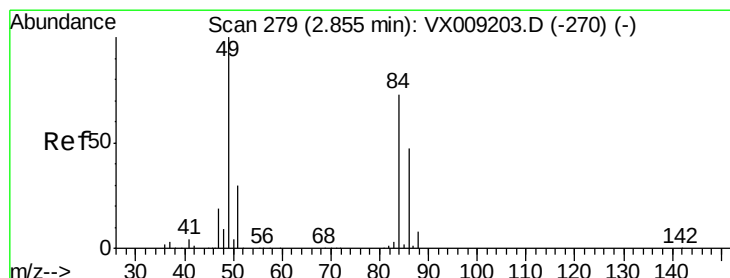
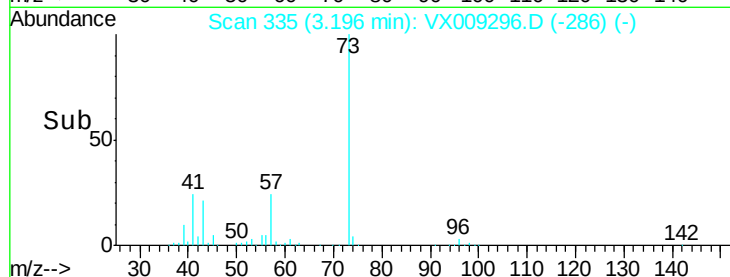
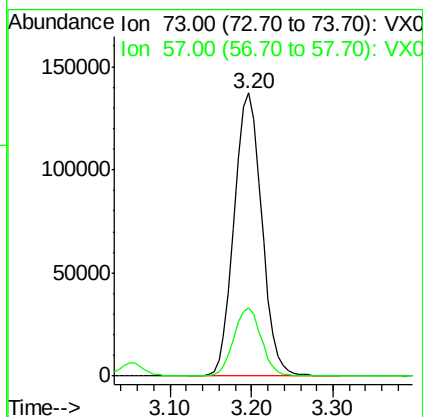
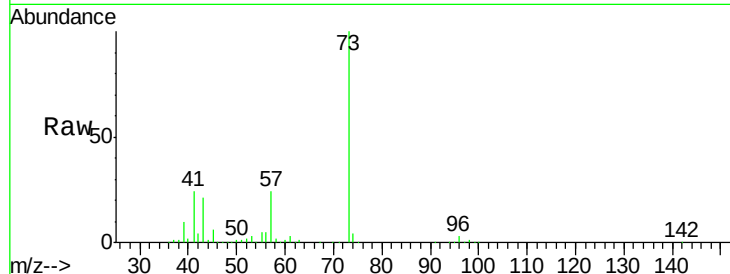




#19
Methvl tert-butyl Ether
Concen: 52.428 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

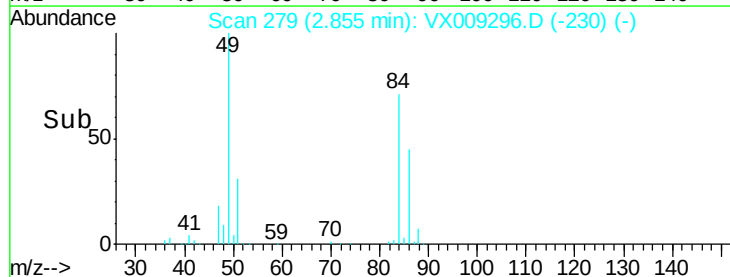
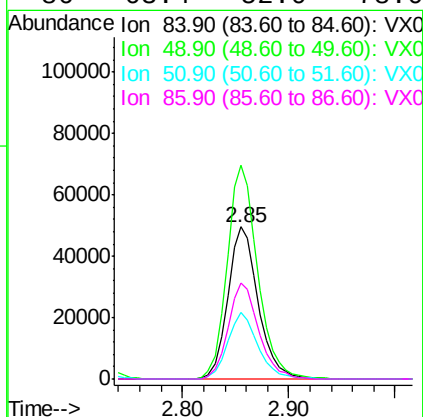
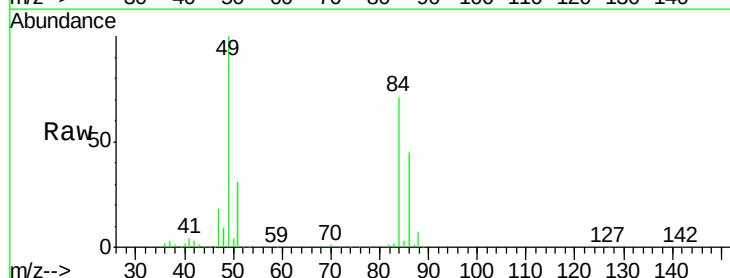
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

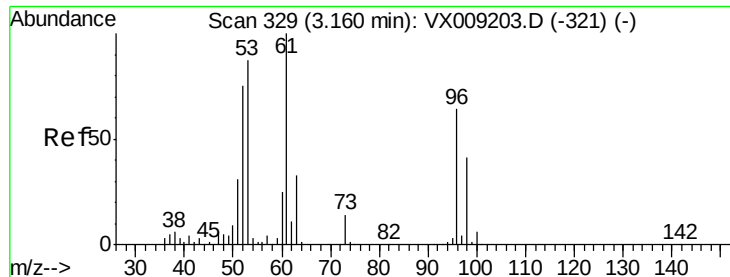
Tot Ion: 73 Resp: 320688
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9



#20
Methylene Chloride
Concen: 49.670 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion: 84 Resp: 98964
Ion Ratio Lower Upper
84 100
49 140.2 109.9 164.9
51 43.2 32.7 49.1
86 63.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 51.396 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

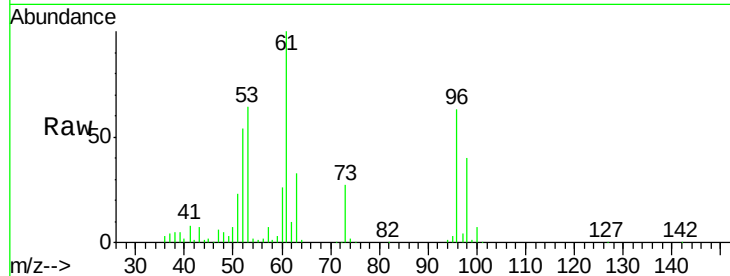
Tot Ion: 96 Resp: 87798

Ion Ratio Lower Upper

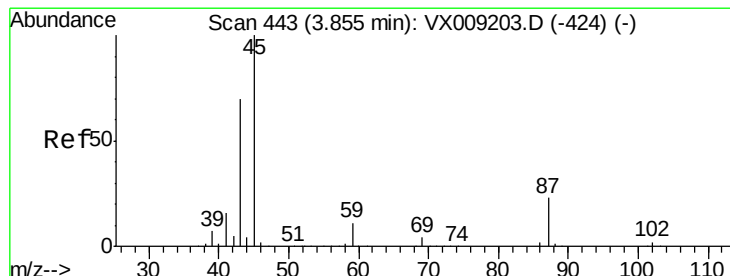
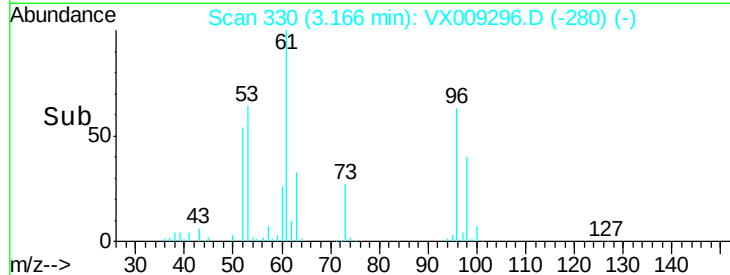
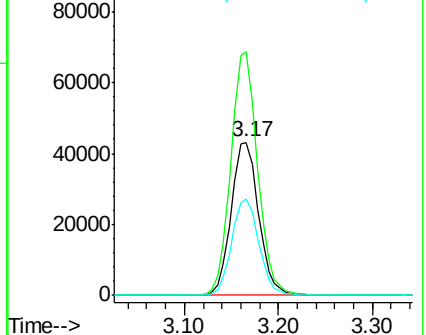
96 100

61 158.9 124.5 186.7

98 63.2 50.4 75.6



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



#22

Diisopropyl ether

Concen: 52.455 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Tgt Ion: 45 Resp: 387232

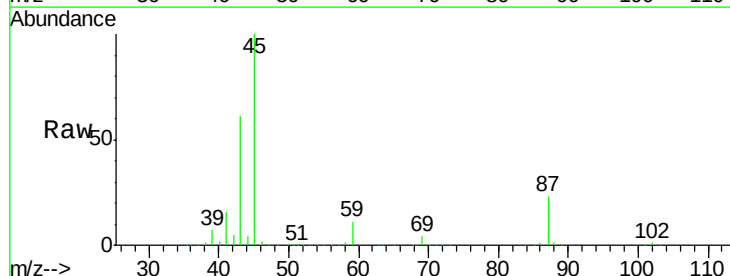
Ion Ratio Lower Upper

45 100

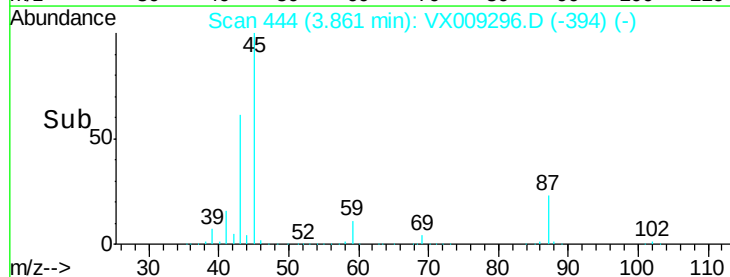
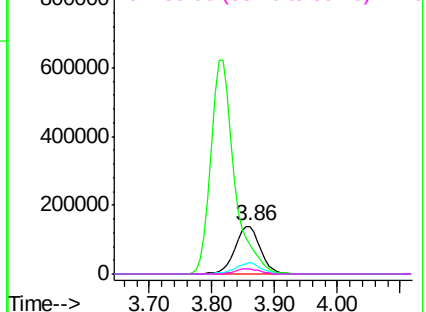
43 60.8 56.1 84.1

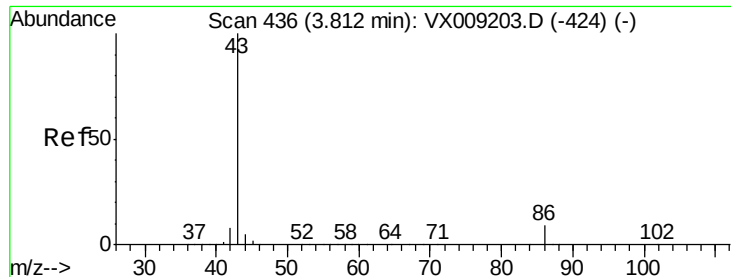
87 23.1 18.1 27.1

59 10.8 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 257.388 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

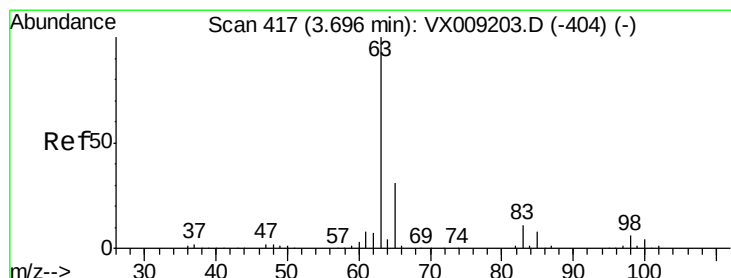
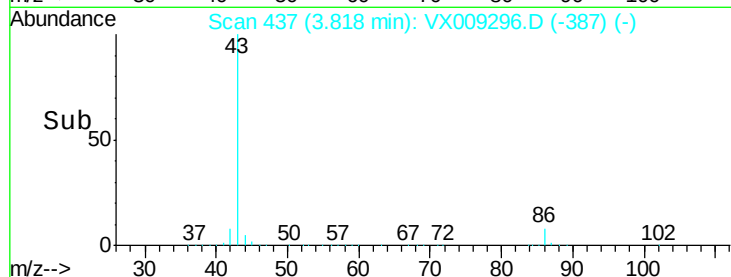
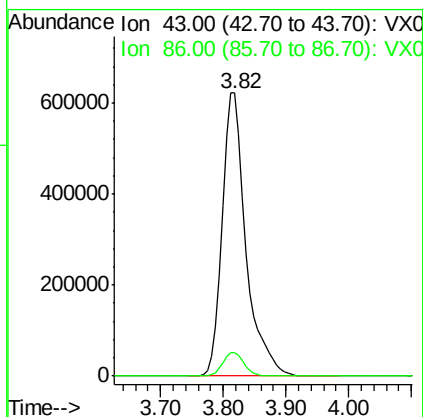
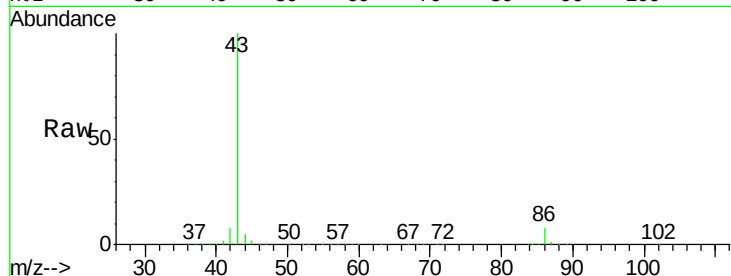
SS050MW641-190429MS

Tot Ion: 43 Resp: 1627072

Ion Ratio Lower Upper

43 100

86 8.4 6.9 10.3



#24

1,1-Dichloroethane

Concen: 51.331 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

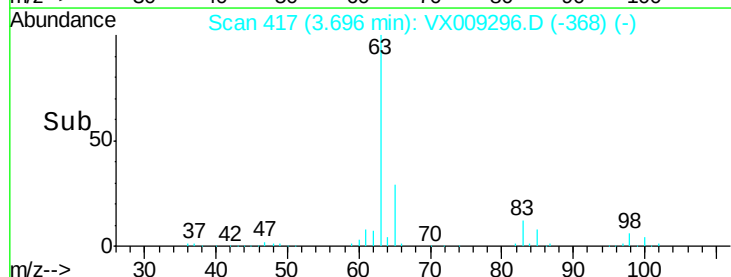
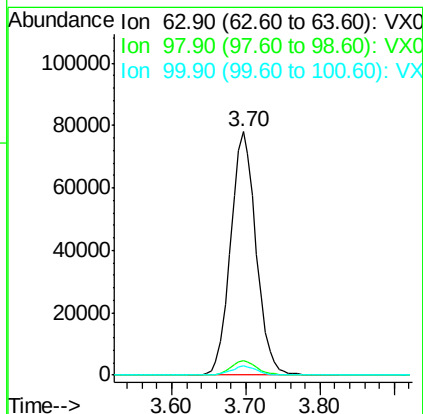
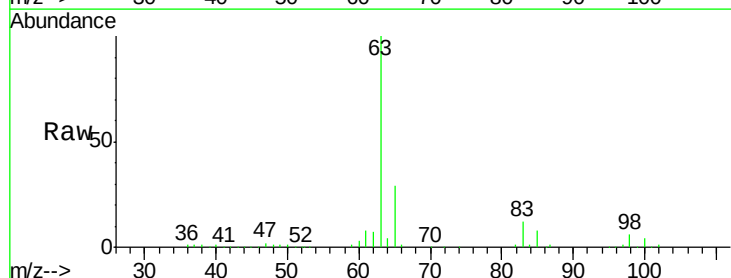
Tgt Ion: 63 Resp: 186936

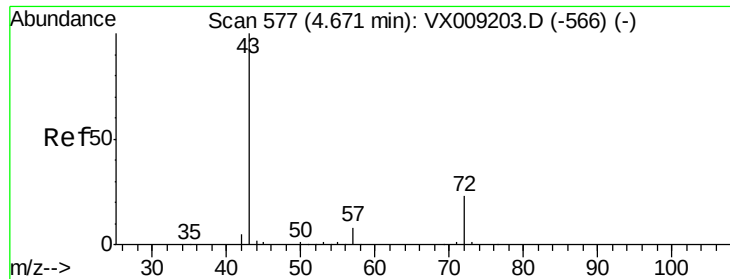
Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 3.7 2.0 6.0





#25

2-Butanone

Concen: 267.481 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

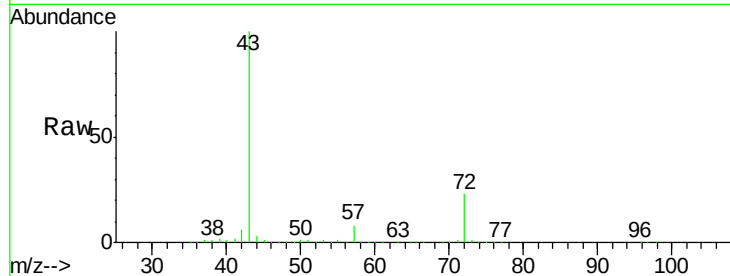
SS050MW641-190429MS

Tot Ion: 43 Resp: 511490

Ion Ratio Lower Upper

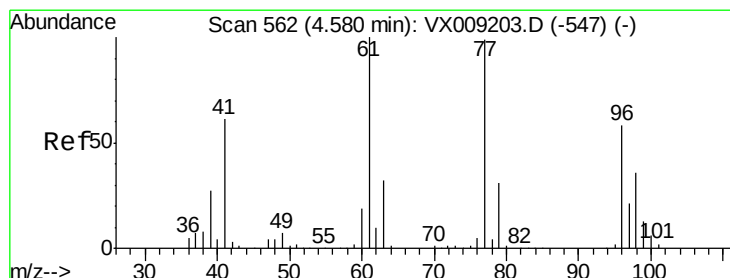
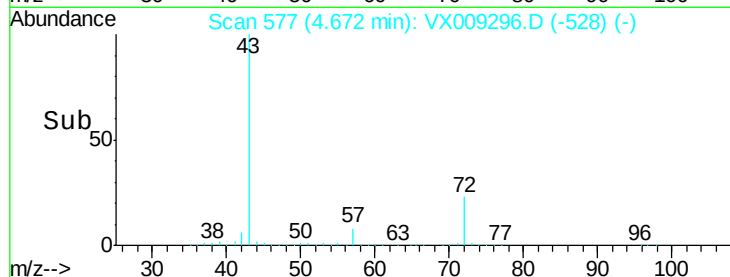
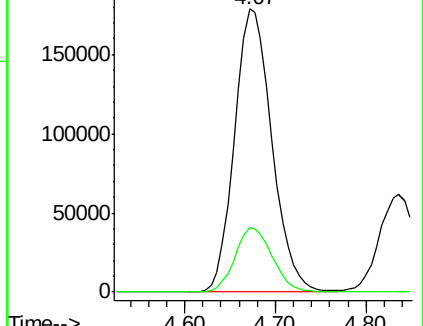
43 100

72 22.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 35.127 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009296.D

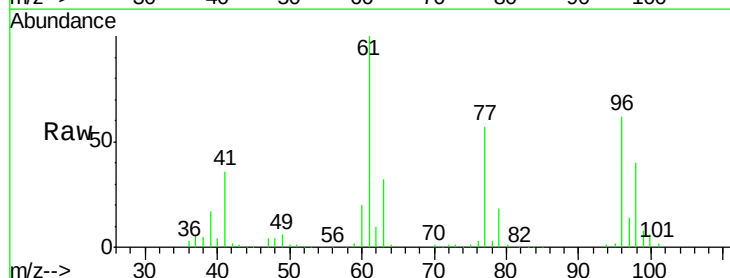
Acq: 03 May 2019 00:17

Tgt Ion: 77 Resp: 95219

Ion Ratio Lower Upper

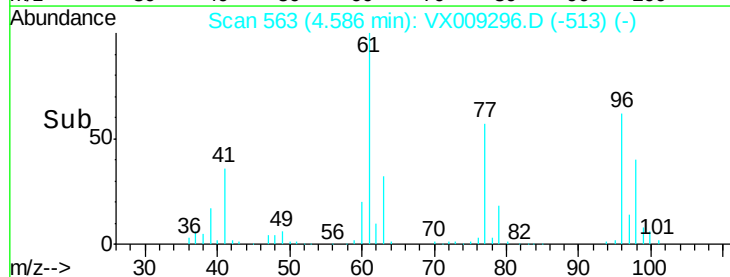
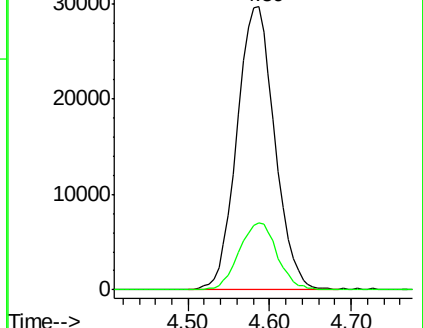
77 100

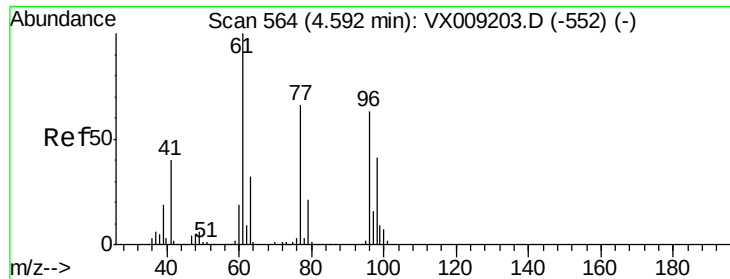
97 24.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



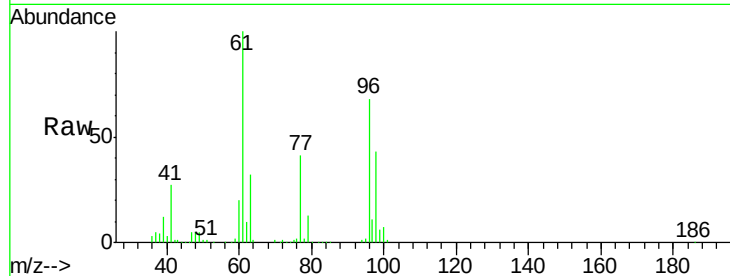


#27

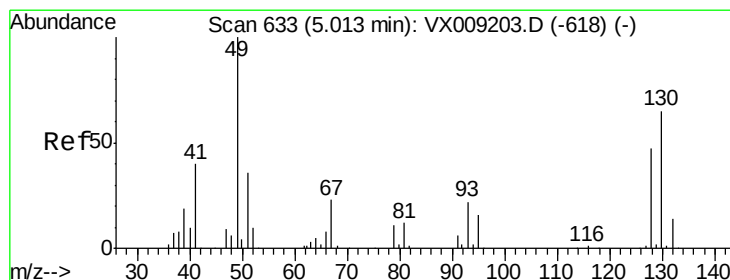
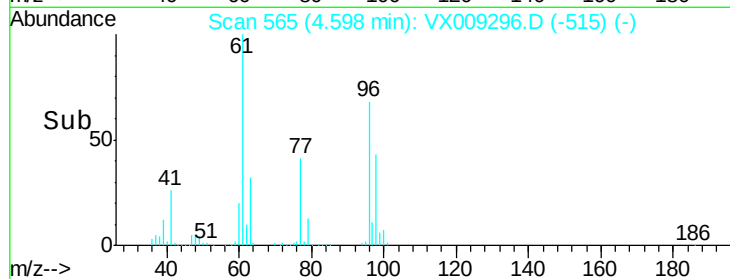
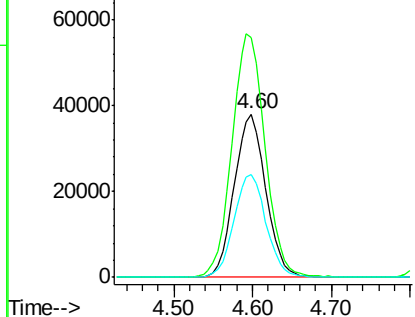
cis-1,2-Dichloroethene
 Concen: 51.942 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.7	0.0	324.0
98	64.2	0.0	130.4



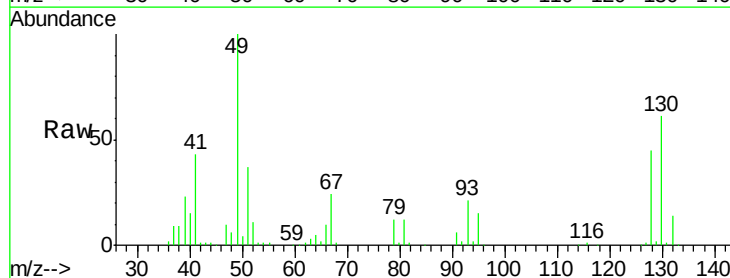
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



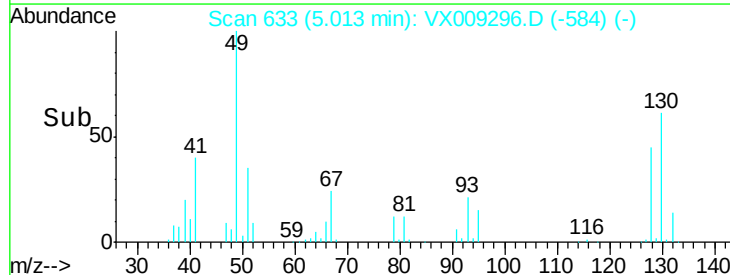
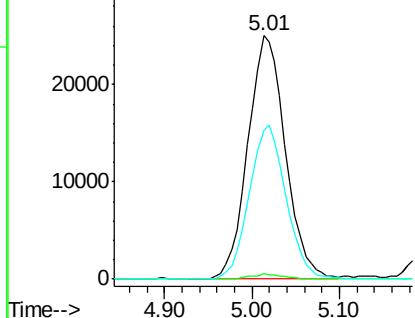
#28

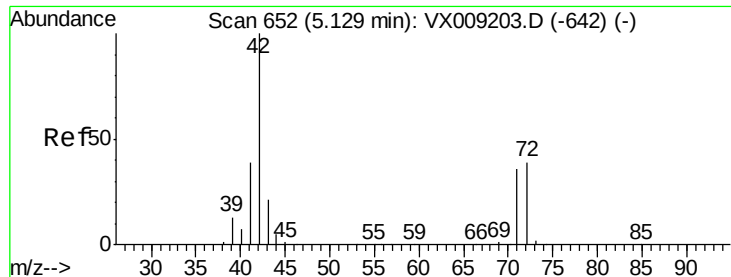
Bromochloromethane
 Concen: 51.053 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	62.0	51.2	76.8



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





#29

Tetrahydrofuran

Concen: 277.938 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

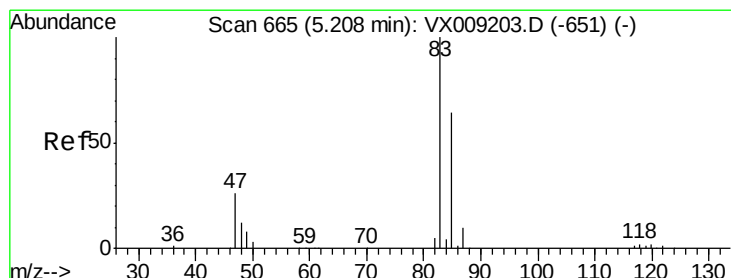
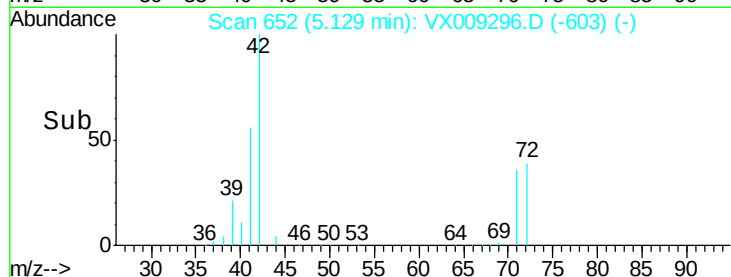
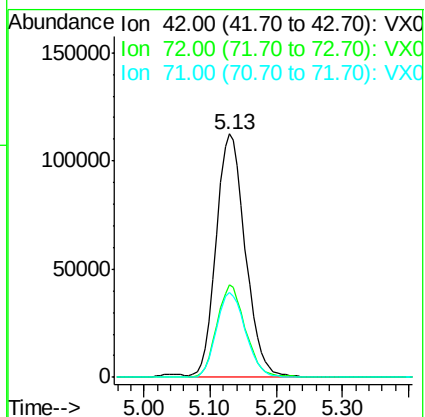
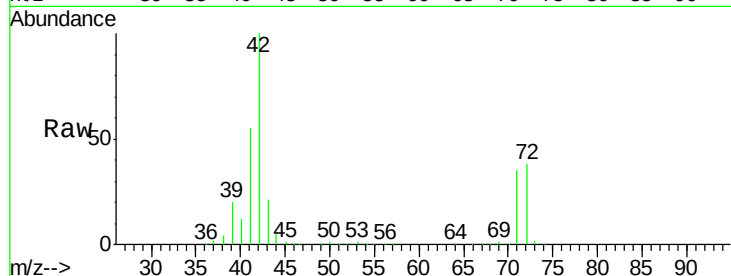
Tot Ion: 42 Resp: 342009

Ion Ratio Lower Upper

42 100

72 37.6 30.4 45.6

71 35.0 28.6 43.0



#30

Chloroform

Concen: 52.043 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX009296.D

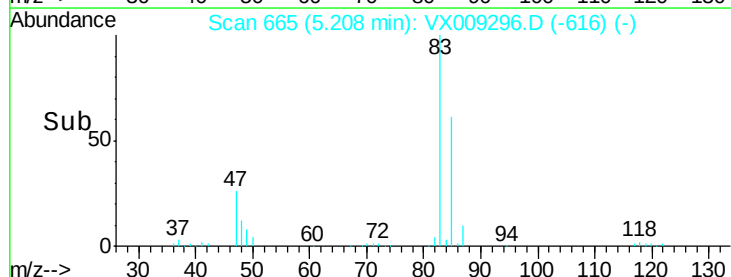
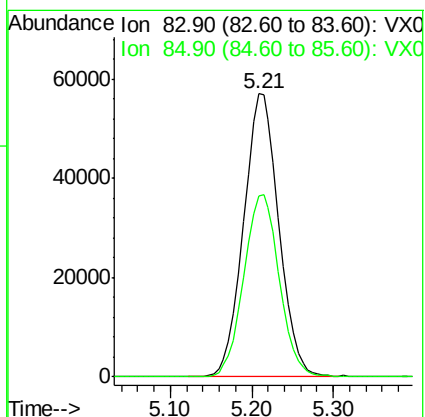
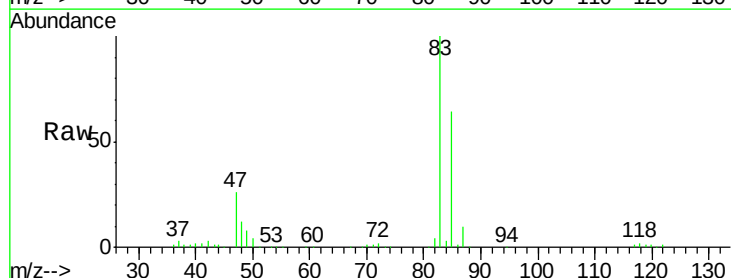
Acq: 03 May 2019 00:17

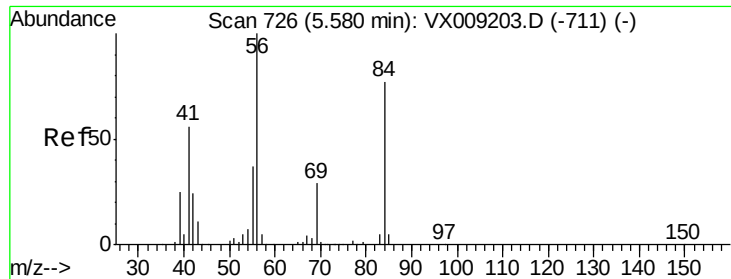
Tgt Ion: 83 Resp: 171416

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3





#31

Cyclohexane

Concen: 50.942 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

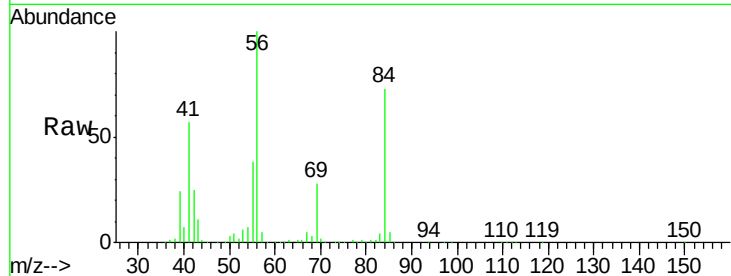
Tot Ion: 56 Resp: 172601

Ion Ratio Lower Upper

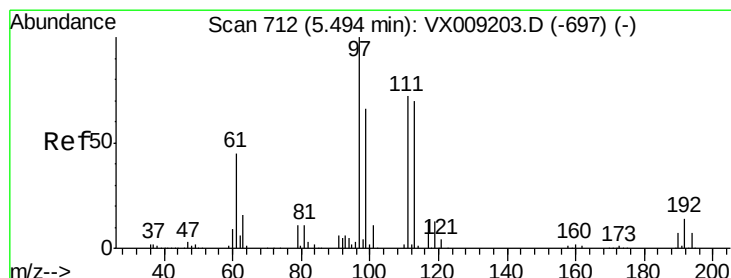
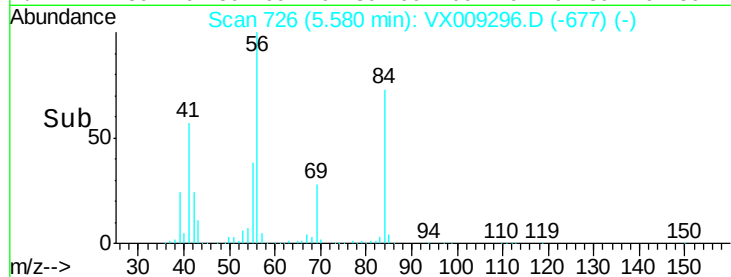
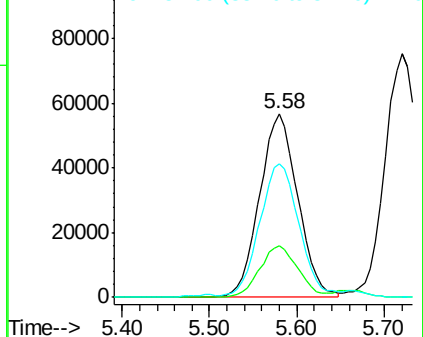
56 100

69 27.9 23.4 35.0

84 72.0 61.9 92.9



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



#32

1,1,1-Trichloroethane

Concen: 50.541 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

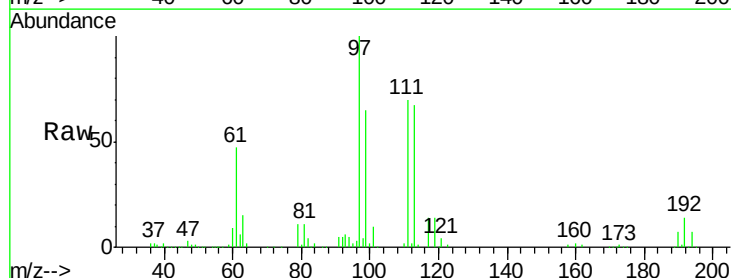
Tgt Ion: 97 Resp: 138577

Ion Ratio Lower Upper

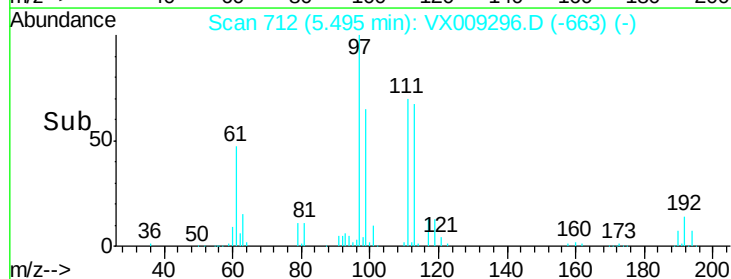
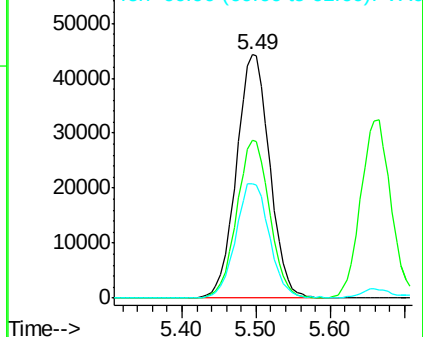
97 100

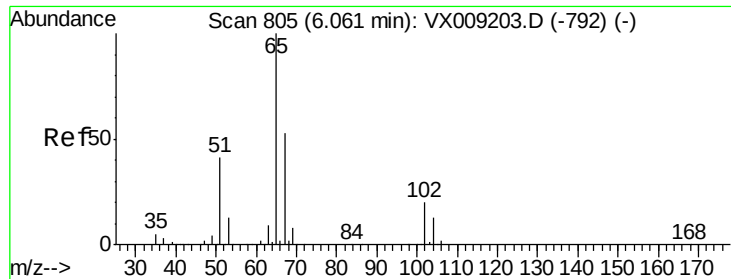
99 64.2 51.8 77.8

61 48.0 37.8 56.8



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

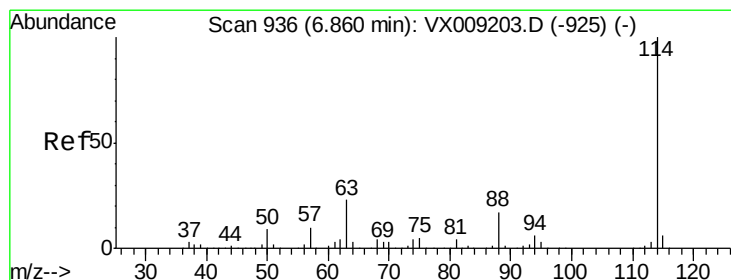
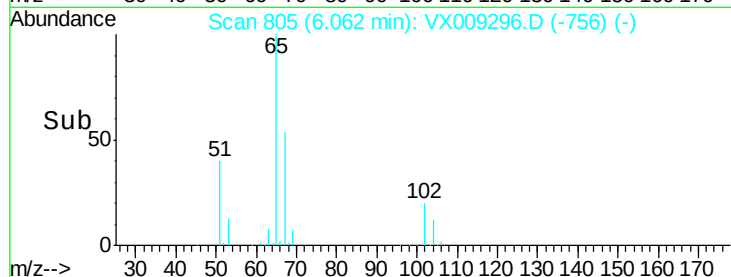
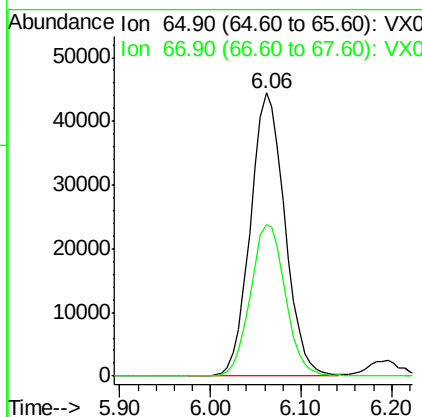
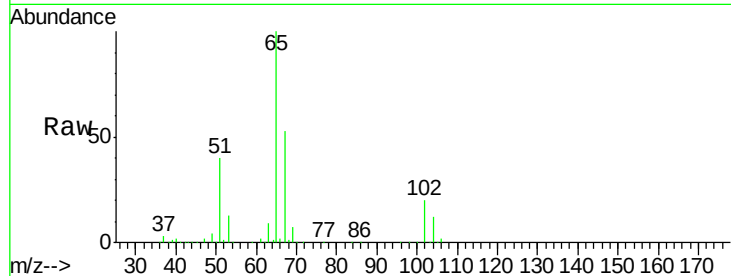




#33
 1,2-Dichloroethane-d4
 Concen: 50.883 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

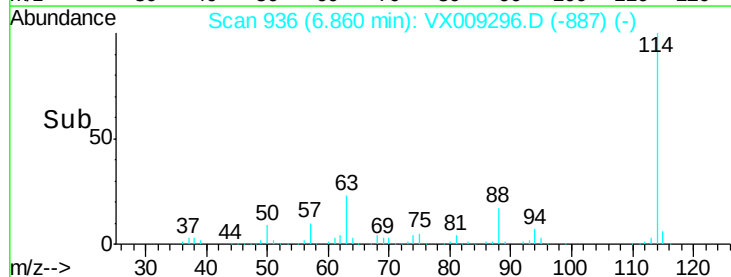
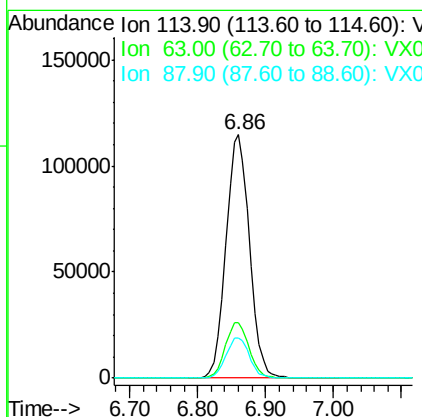
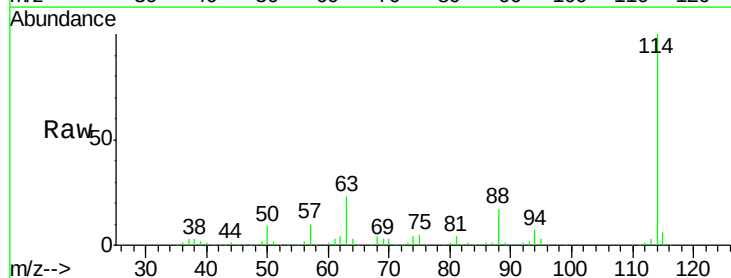
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

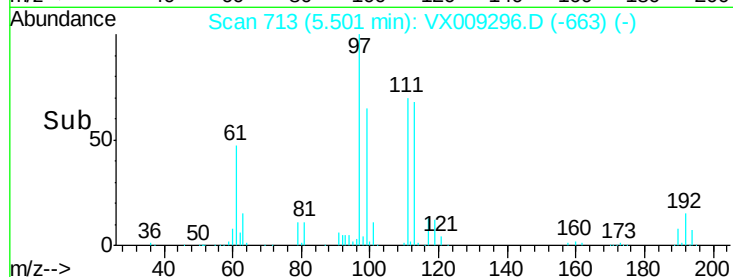
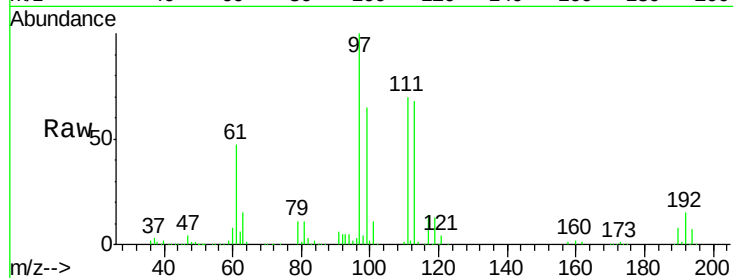
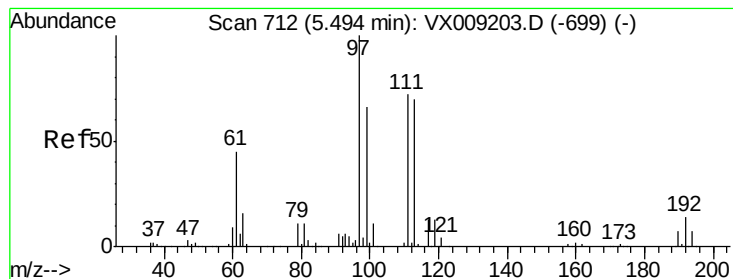
Tot Ion: 65 Resp: 116610
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion: 114 Resp: 273926
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.917 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

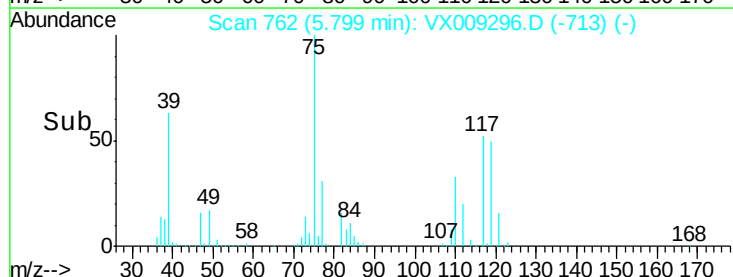
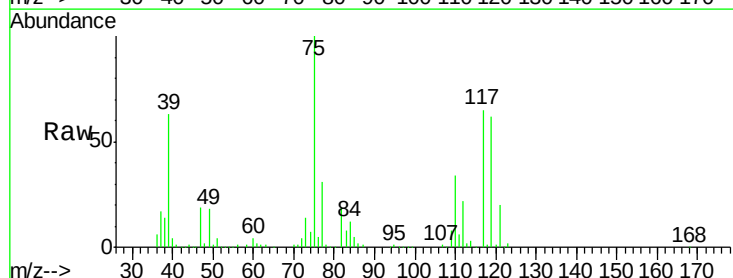
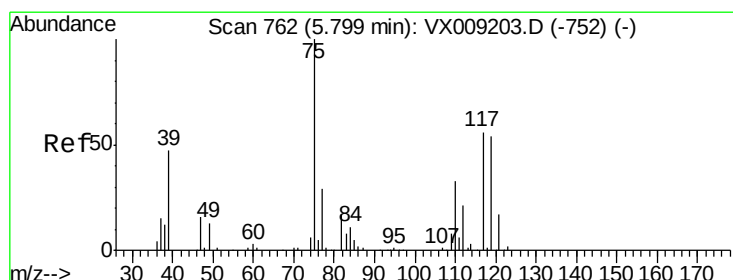
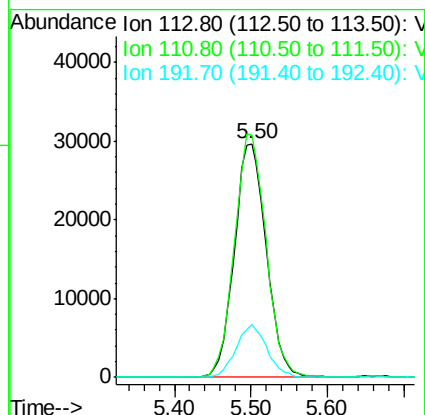
Tot Ion:113 Resp: 85957

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 21.9 17.0 25.6



#36

1,1-Dichloropropene

Concen: 49.257 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

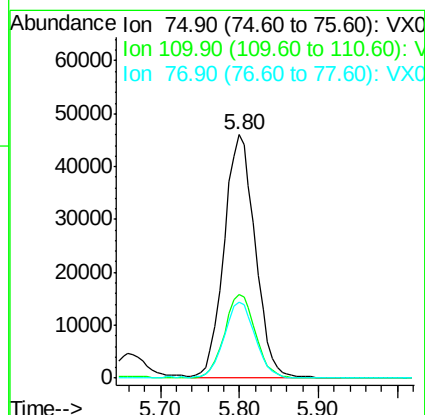
Tgt Ion: 75 Resp: 125389

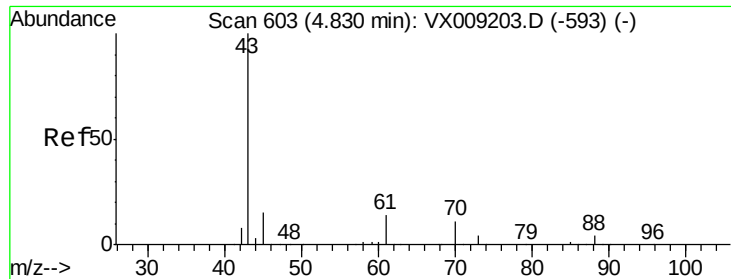
Ion Ratio Lower Upper

75 100

110 34.4 16.9 50.6

77 31.6 24.8 37.2





#37

Ethyl Acetate

Concen: 51.255 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

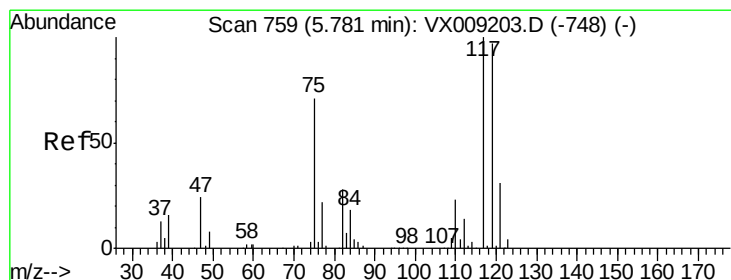
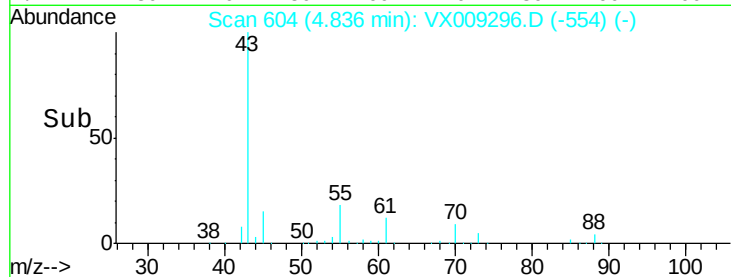
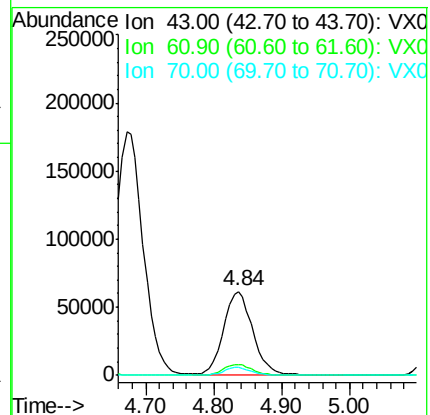
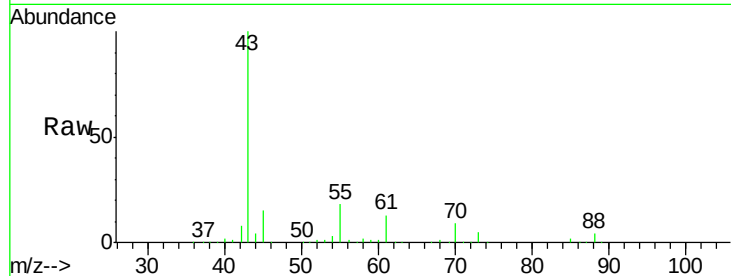
Tot Ion: 43 Resp: 181793

Ion Ratio Lower Upper

43 100

61 12.8 10.5 15.7

70 9.5 7.9 11.9



#38

Carbon Tetrachloride

Concen: 50.316 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

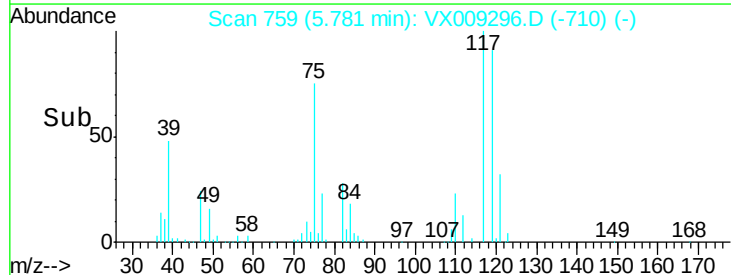
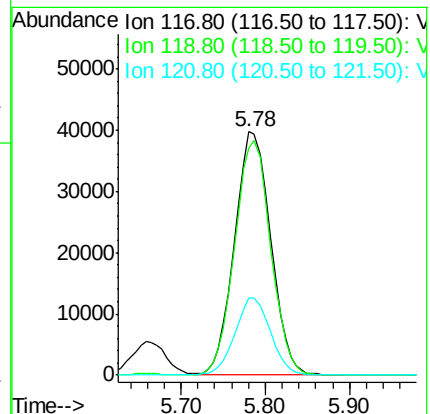
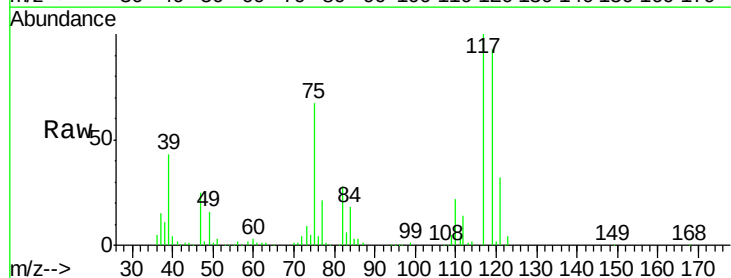
Tgt Ion: 117 Resp: 116375

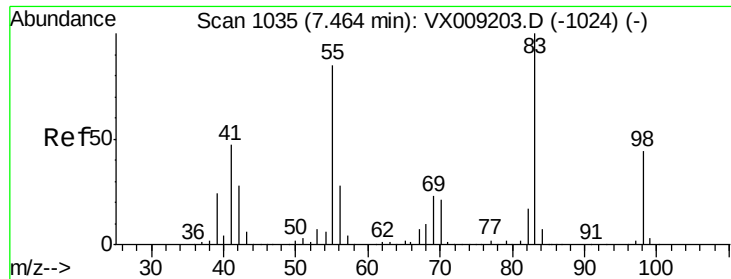
Ion Ratio Lower Upper

117 100

119 92.9 77.5 116.3

121 31.9 24.7 37.1

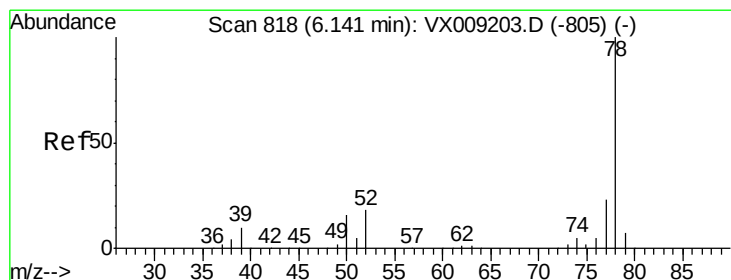
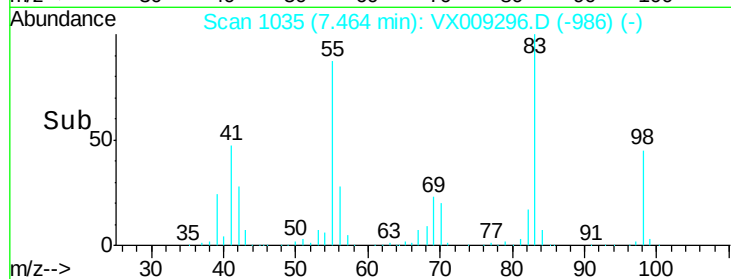
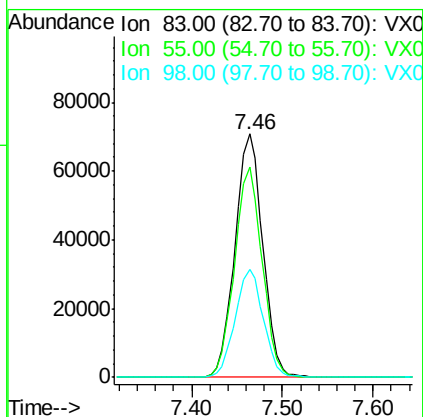
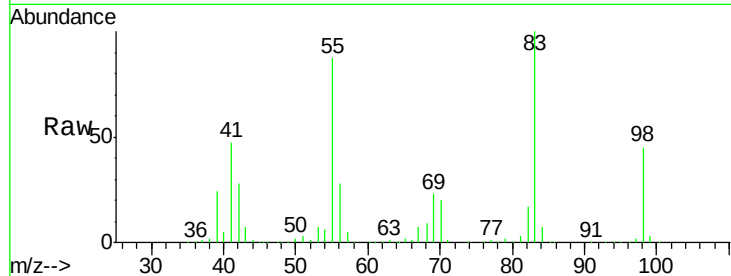




#39
Methylvlcyclohexane
Concen: 48.231 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

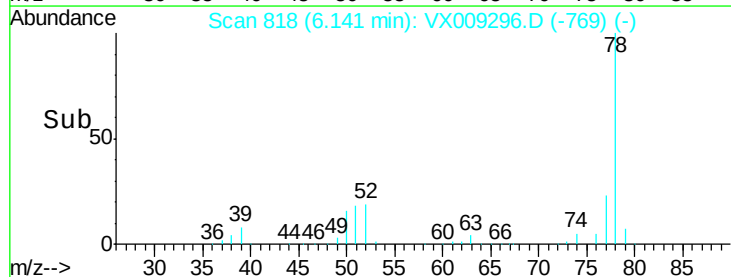
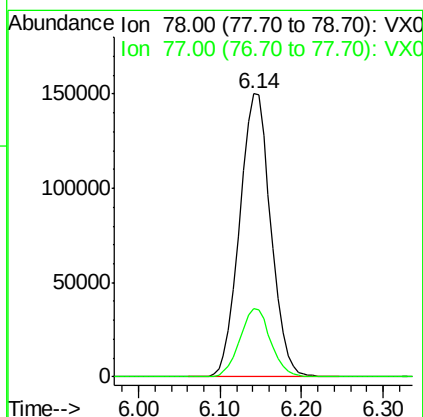
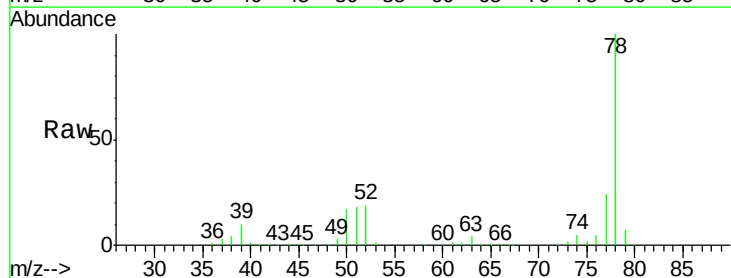
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

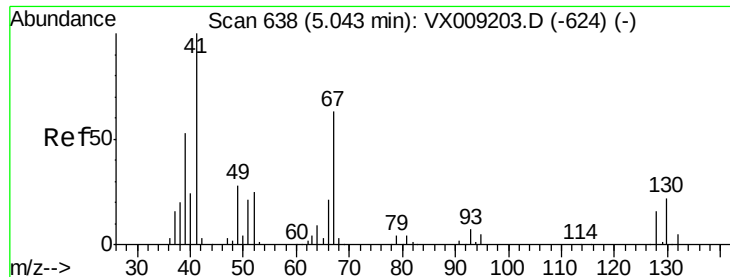
Tot Ion: 83 Resp: 150783
Ion Ratio Lower Upper
83 100
55 86.6 67.7 101.5
98 44.6 35.5 53.3



#40
Benzene
Concen: 50.600 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion: 78 Resp: 398638
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





#41

Methacrylonitrile

Concen: 51.949 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion: 41 Resp: 109680

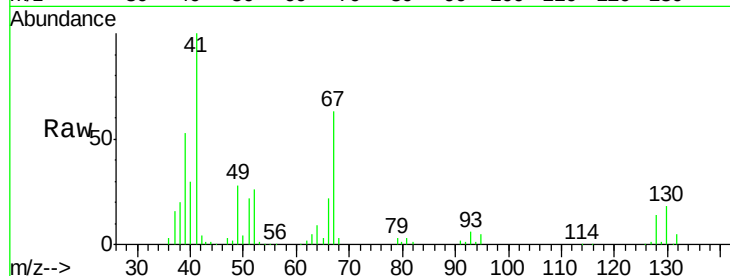
Ion Ratio Lower Upper

41 100

39 52.8 42.0 63.0

67 63.2 49.8 74.8

52 25.6 20.3 30.5

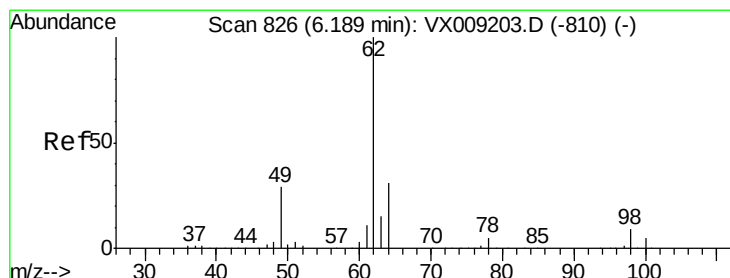
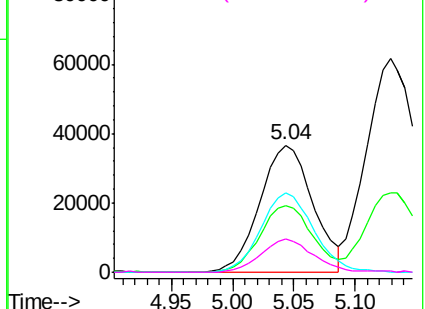
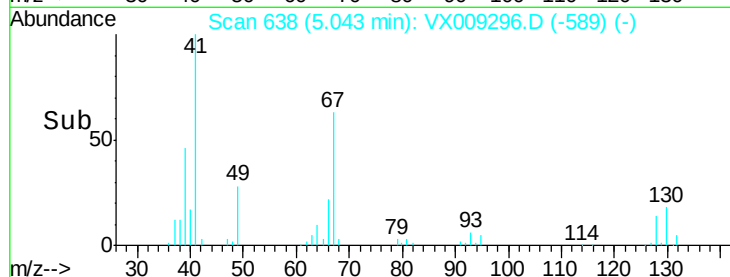


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.675 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009296.D

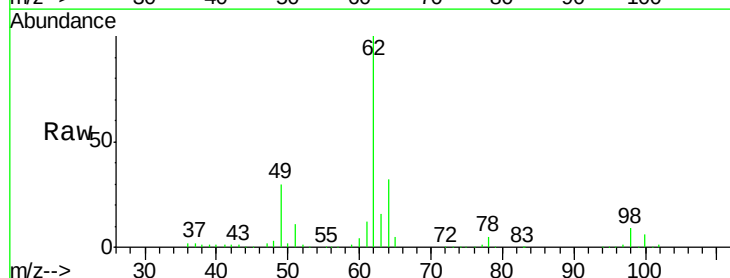
Acq: 03 May 2019 00:17

Tgt Ion: 62 Resp: 146036

Ion Ratio Lower Upper

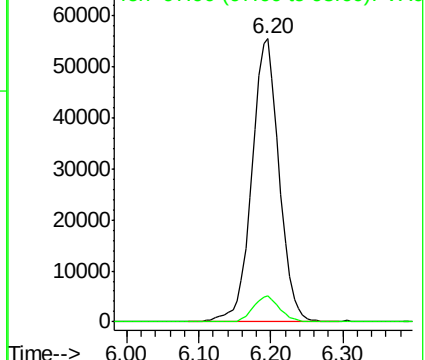
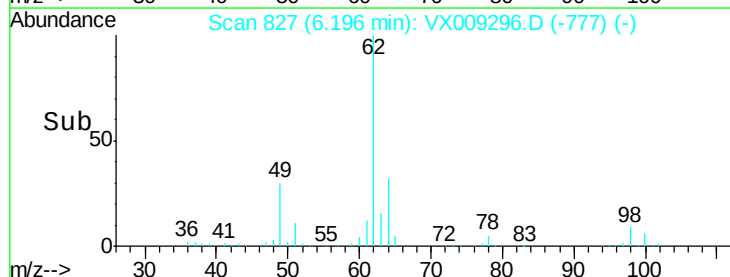
62 100

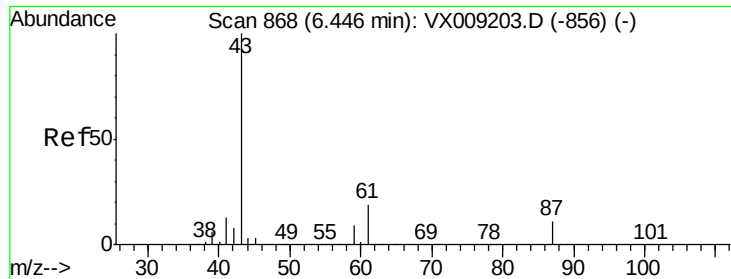
98 8.9 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.279 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

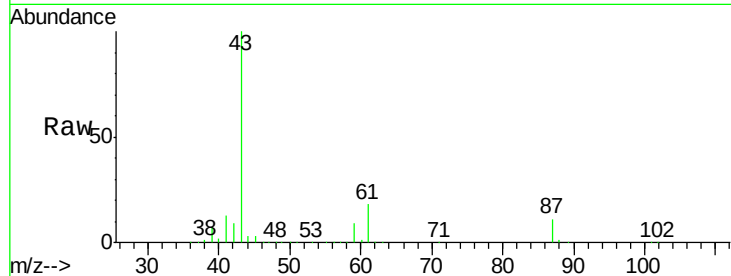
Tot Ion: 43 Resp: 290924

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

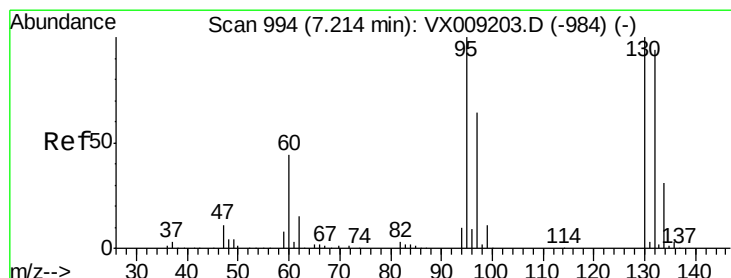
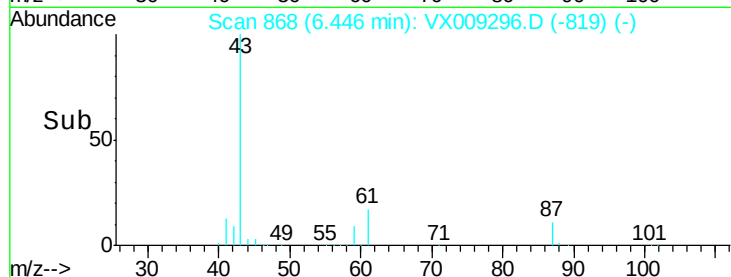
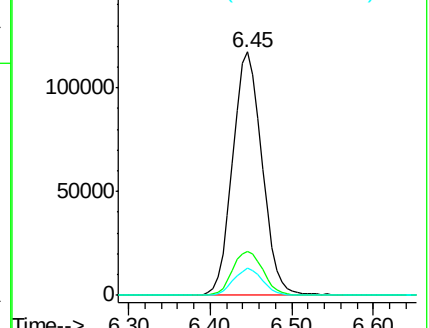
87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.555 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009296.D

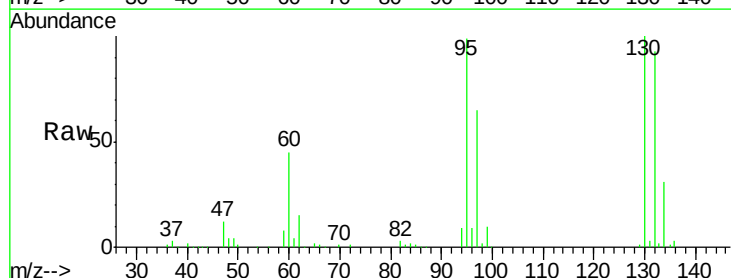
Acq: 03 May 2019 00:17

Tgt Ion:130 Resp: 92477

Ion Ratio Lower Upper

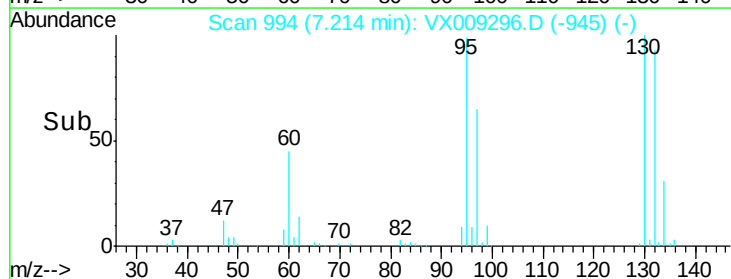
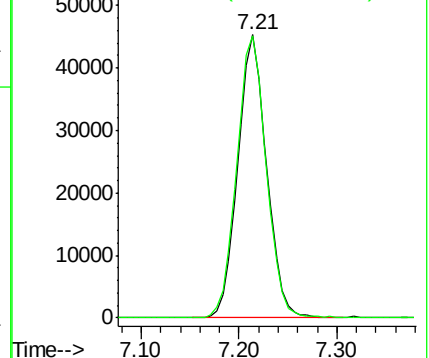
130 100

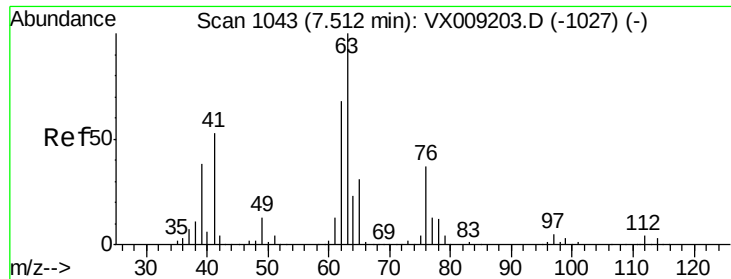
95 99.5 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.266 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

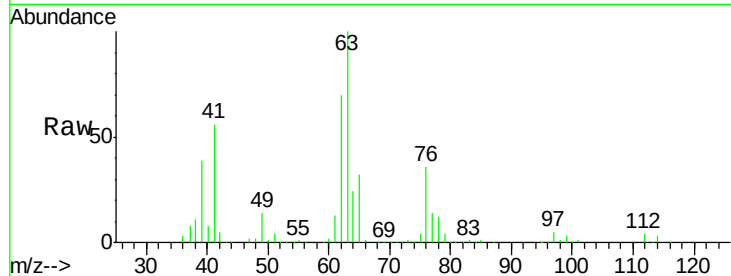
SS050MW641-190429MS

Tot Ion: 63 Resp: 114365

Ion Ratio Lower Upper

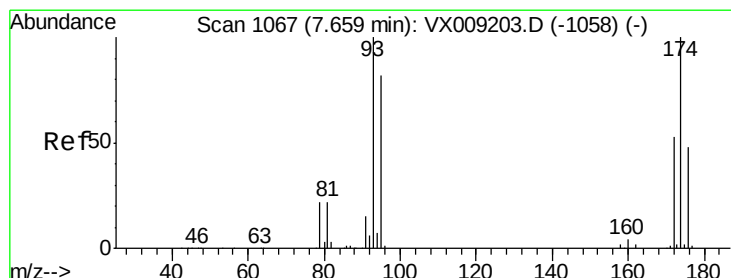
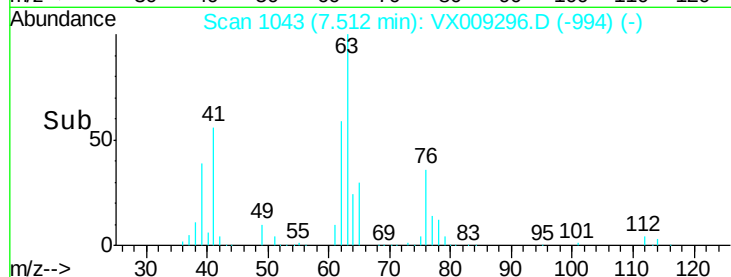
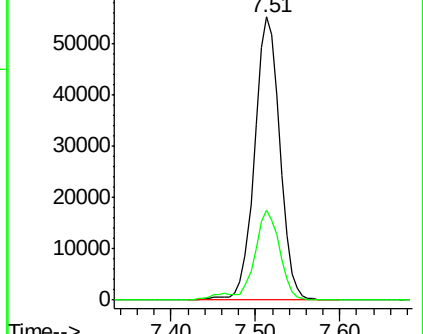
63 100

65 31.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.300 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

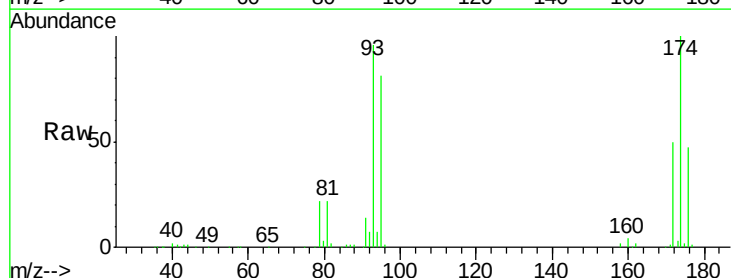
Tgt Ion: 93 Resp: 65161

Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

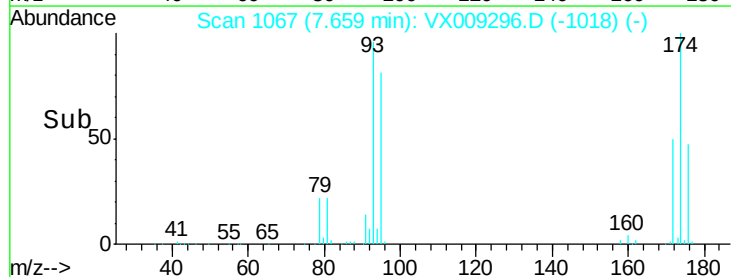
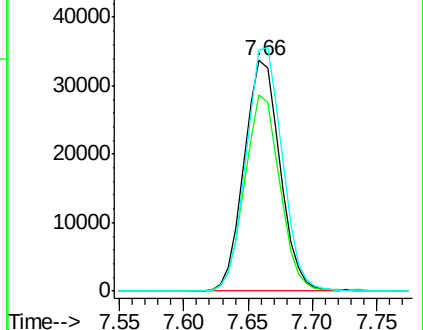
174 106.1 82.1 123.1

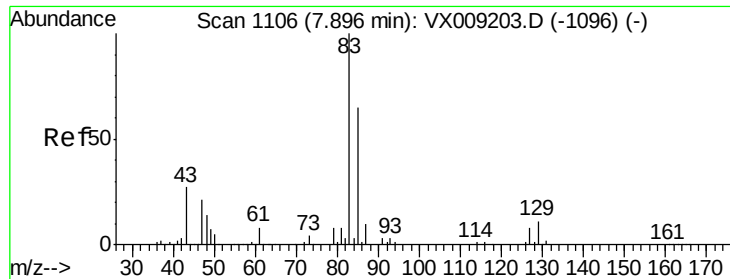


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

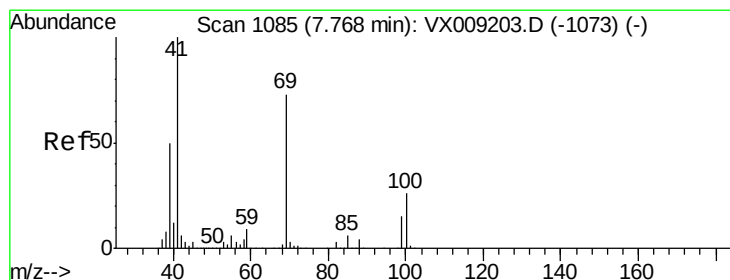
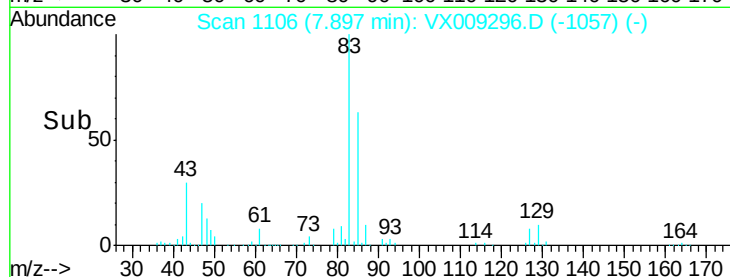
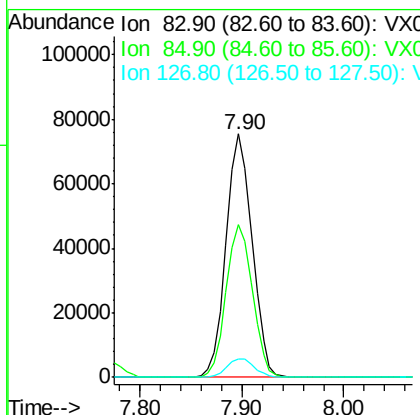
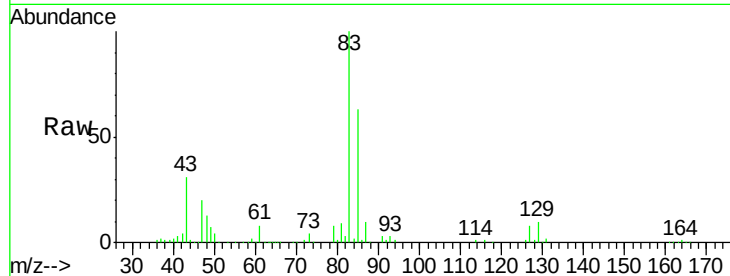




#47
Bromodichloromethane
Concen: 51.657 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

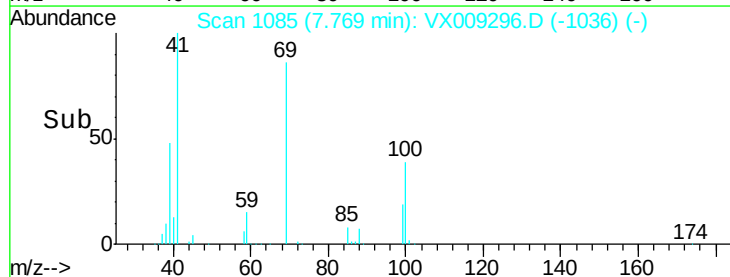
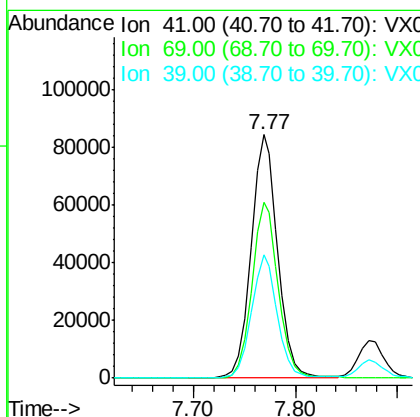
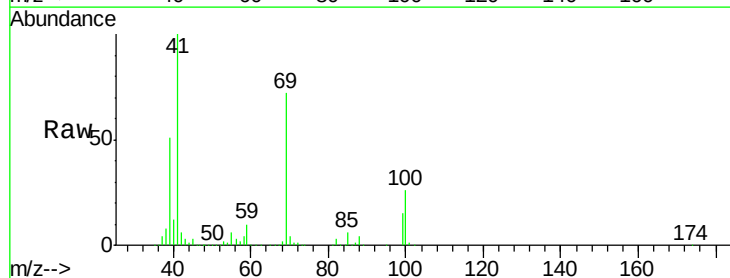
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

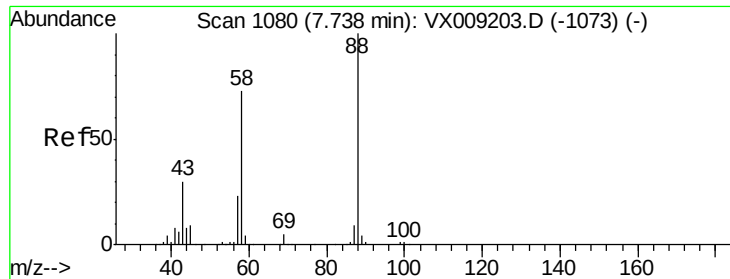
Tot Ion: 83 Resp: 133485
Ion Ratio Lower Upper
83 100
85 62.6 52.4 78.6
127 7.6 6.6 10.0



#48
Methyl methacrylate
Concen: 53.967 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion: 41 Resp: 151899
Ion Ratio Lower Upper
41 100
69 72.4 59.1 88.7
39 49.2 40.4 60.6

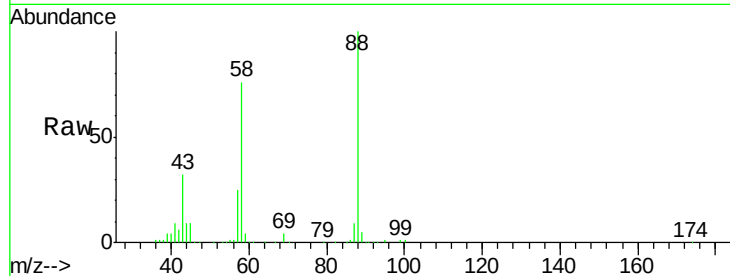




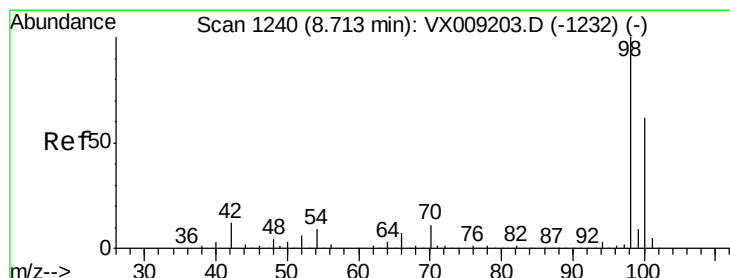
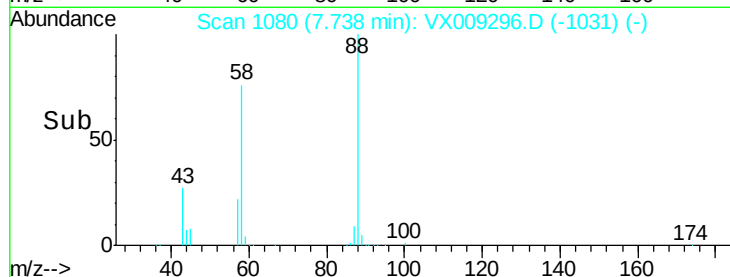
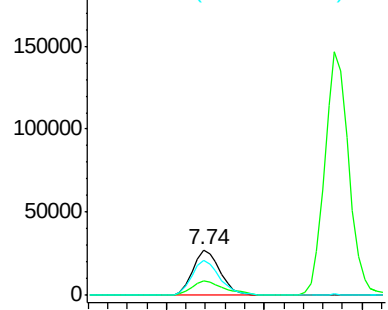
#49
1,4-Dioxane
Concen: 933.459 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion: 88 Resp: 53283
Ion Ratio Lower Upper
88 100
43 36.7 28.6 42.8
58 77.7 61.7 92.5

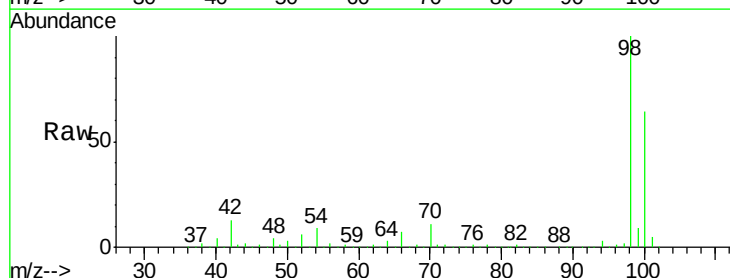


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

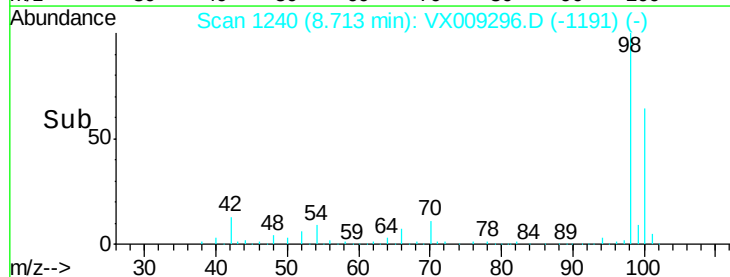
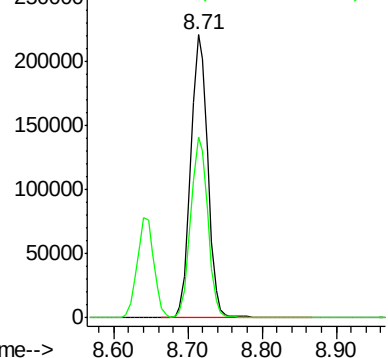


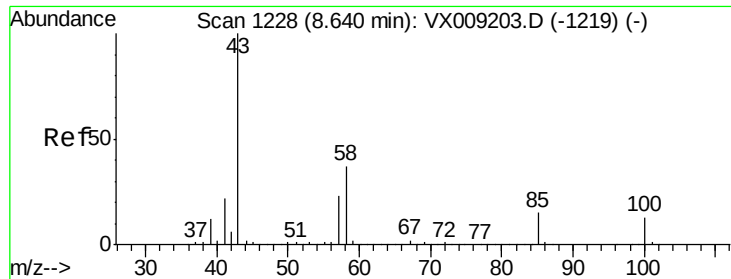
#50
Toluene-d8
Concen: 49.940 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion: 98 Resp: 347193
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 271.670 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

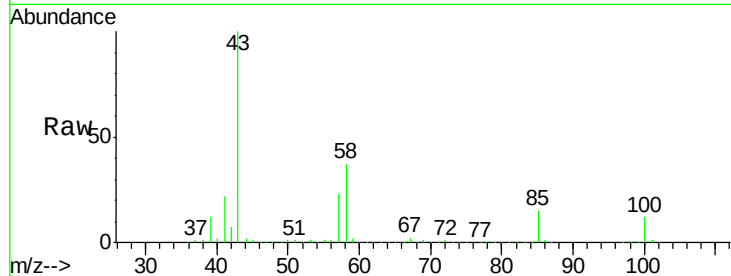
SS050MW641-190429MS

Tot Ion: 43 Resp: 1007409

Ion Ratio Lower Upper

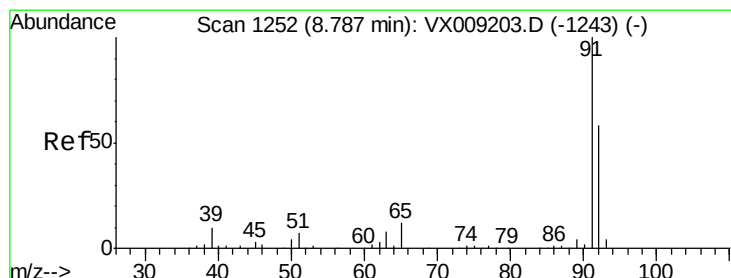
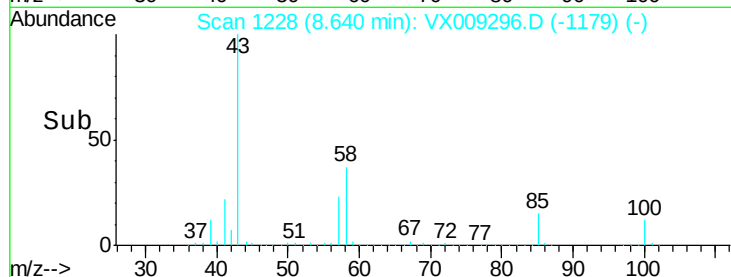
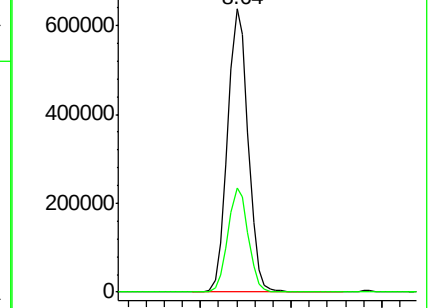
43 100

58 36.3 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.680 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009296.D

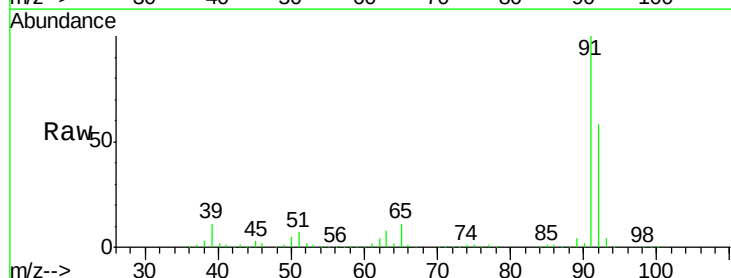
Acq: 03 May 2019 00:17

Tgt Ion: 92 Resp: 242705

Ion Ratio Lower Upper

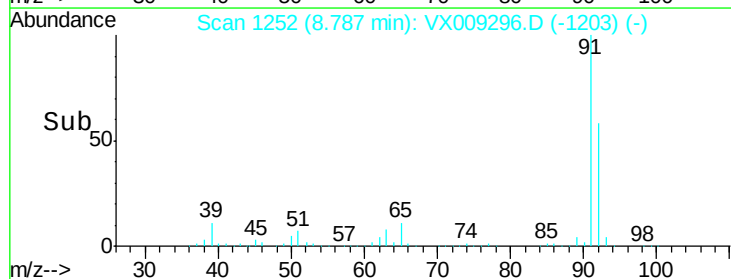
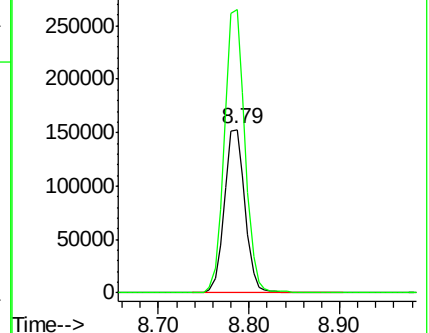
92 100

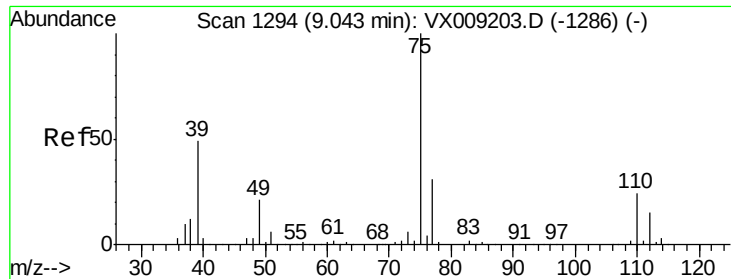
91 172.9 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

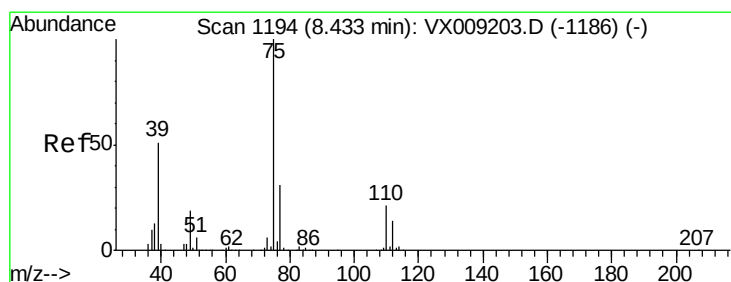
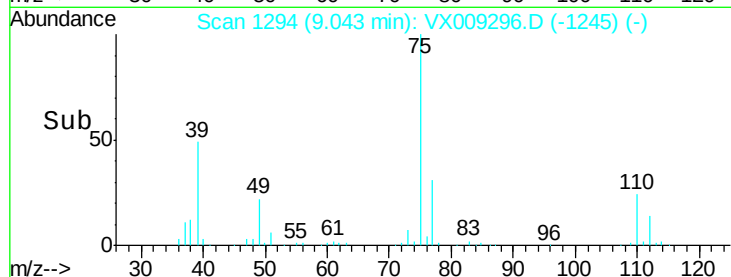
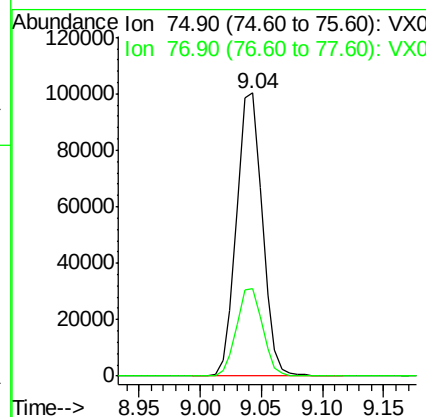
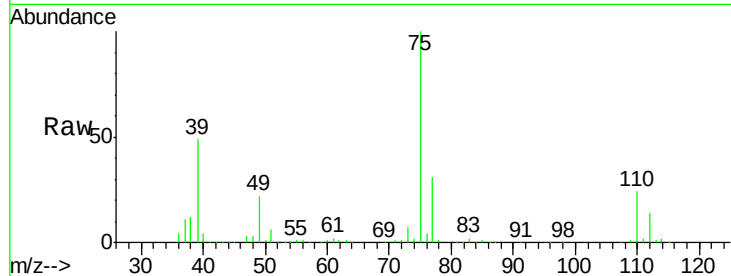




#53
t-1,3-Dichloropropene
Concen: 50.089 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

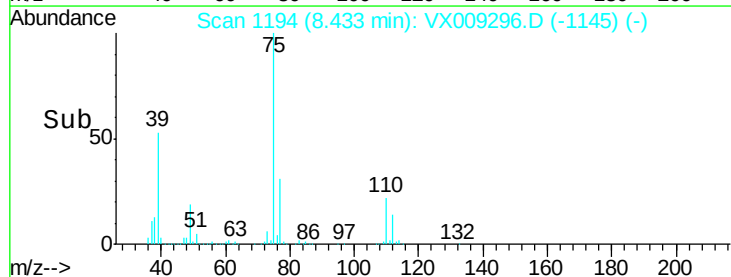
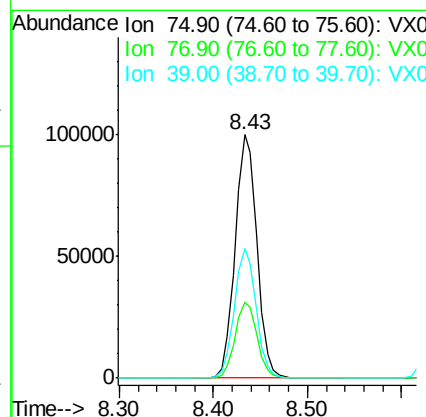
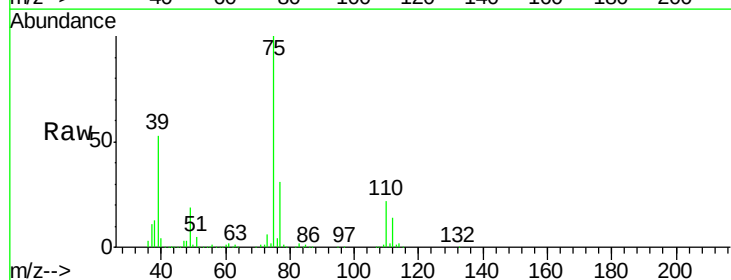
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

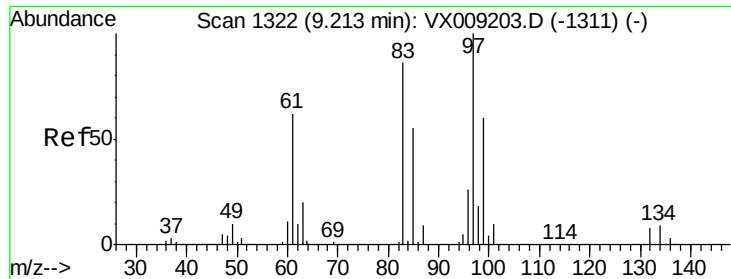
Tot Ion: 75 Resp: 146132
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 49.468 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion: 75 Resp: 159741
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8
39 53.0 40.6 60.8

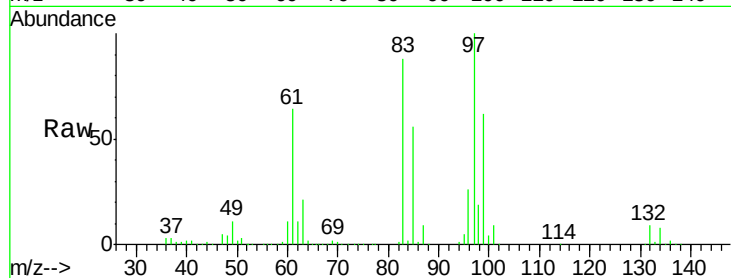




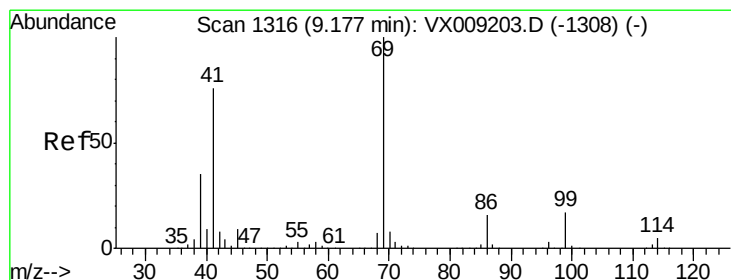
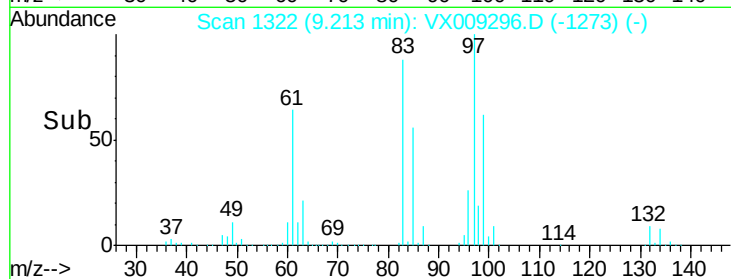
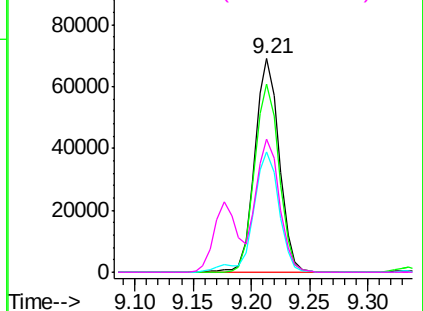
#55
 1,1,2-Trichloroethane
 Concen: 52.033 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion:	97	Resp:	101661
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.9	103.3
85	56.4	43.8	65.6
99	62.1	48.2	72.2

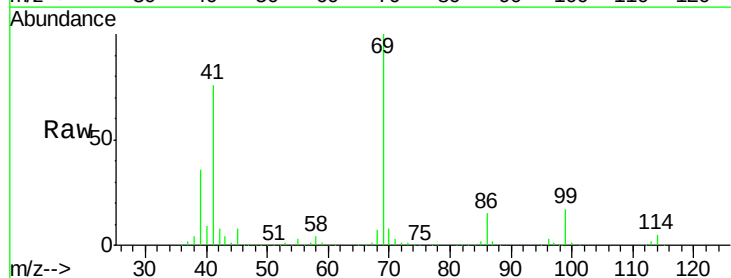


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

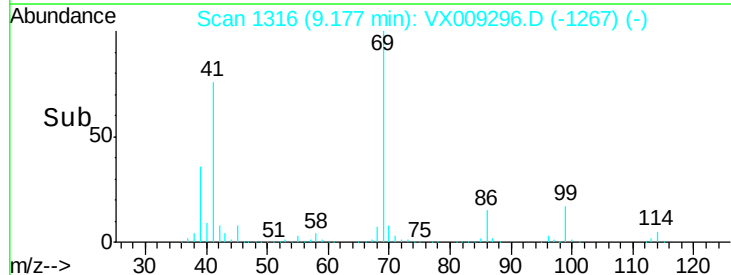
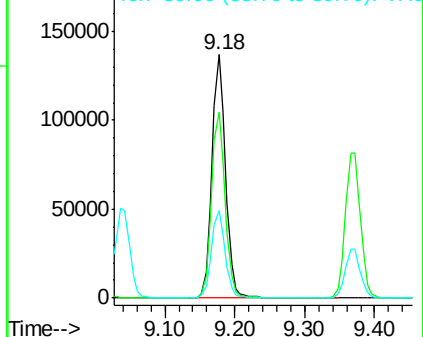


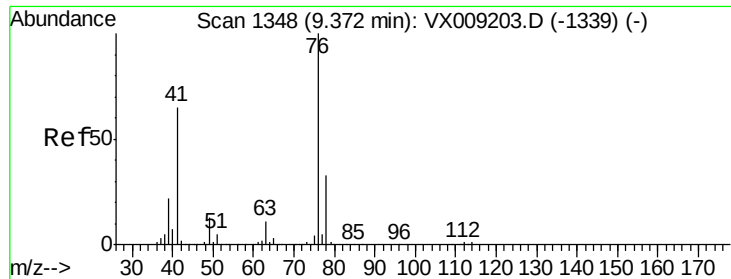
#56
 Ethyl methacrylate
 Concen: 53.180 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion:	69	Resp:	185472
Ion	Ratio	Lower	Upper
69	100		
41	76.4	60.6	90.8
39	36.6	28.2	42.4



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

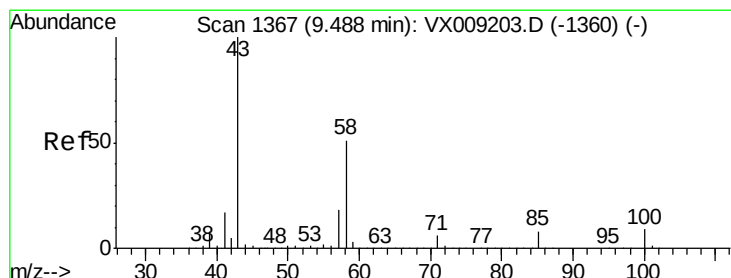
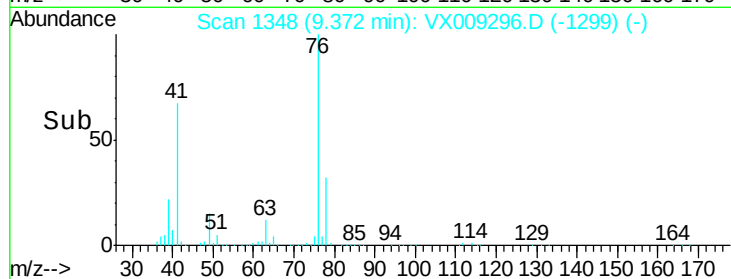
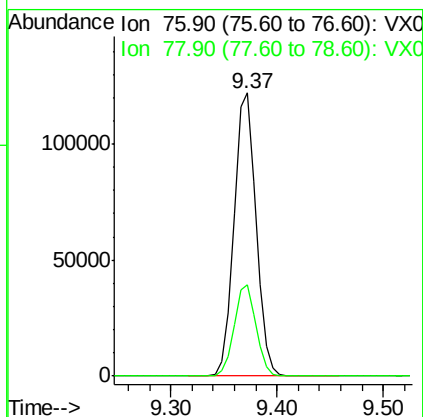
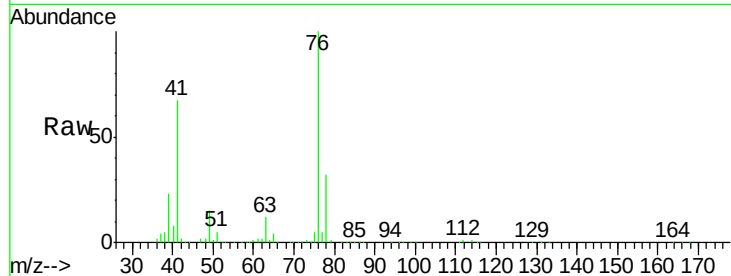




#57
 1,3-Dichloropropane
 Concen: 51.652 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

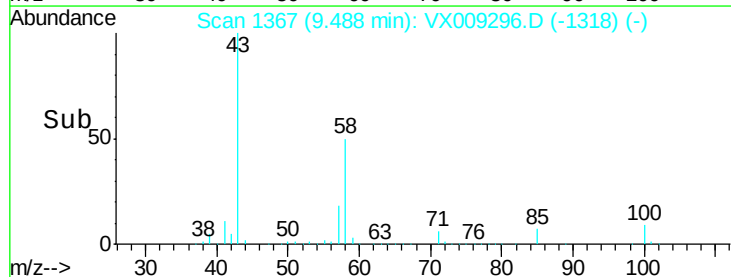
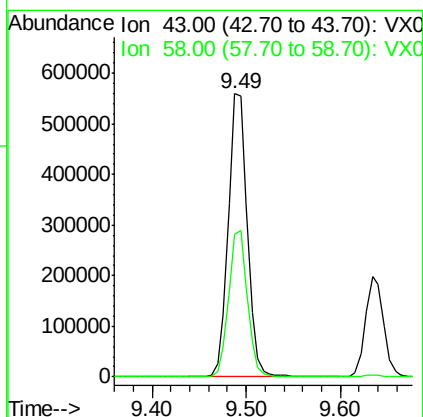
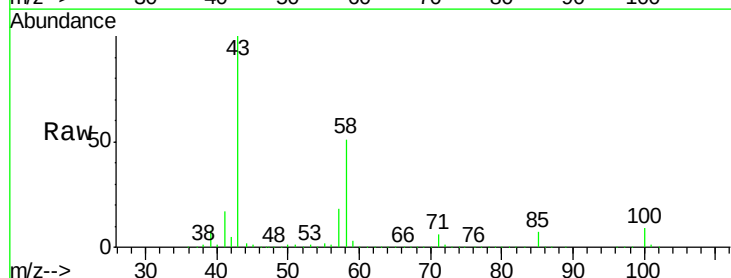
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

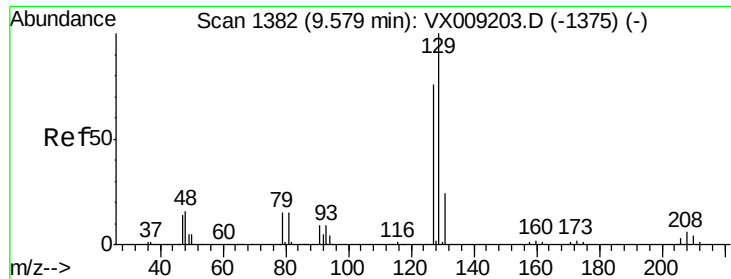
Tot Ion: 76 Resp: 177588
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#59
 2-Hexanone
 Concen: 269.700 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion: 43 Resp: 785468
 Ion Ratio Lower Upper
 43 100
 58 51.4 25.9 77.7





#60

Dibromochloromethane

Concen: 52.731 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

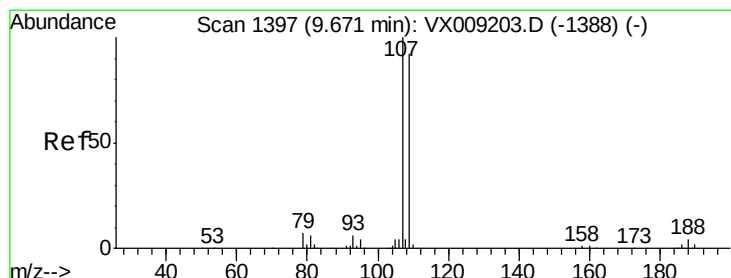
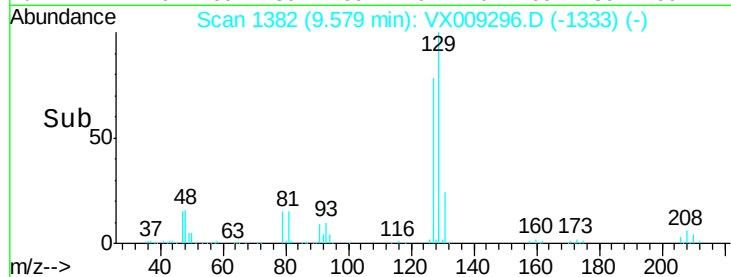
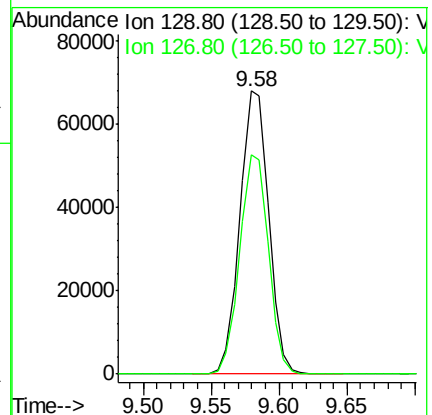
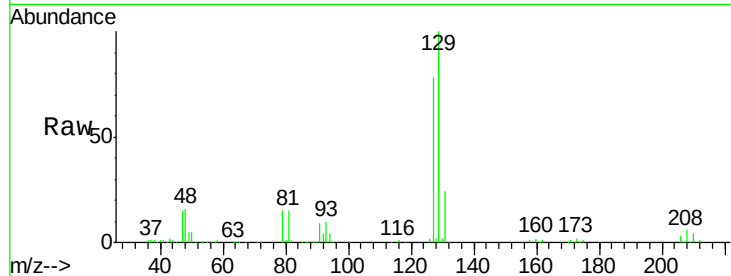
SS050MW641-190429MS

Tot Ion:129 Resp: 100622

Ion Ratio Lower Upper

129 100

127 77.5 38.4 115.1



#61

1,2-Dibromoethane

Concen: 51.751 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009296.D

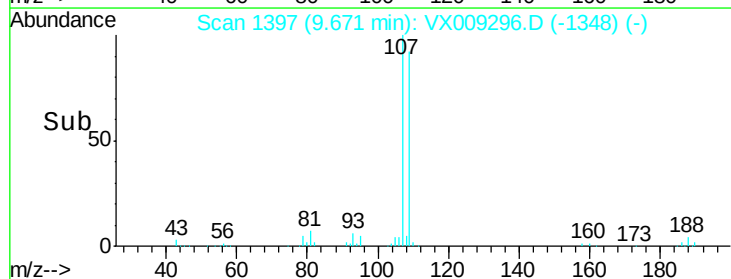
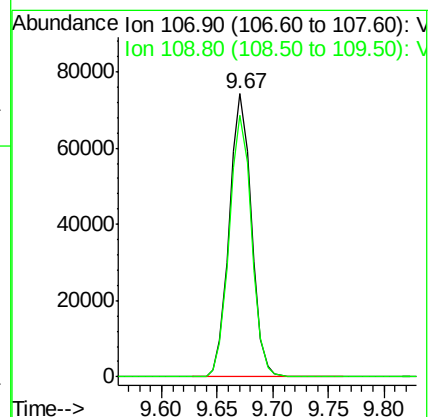
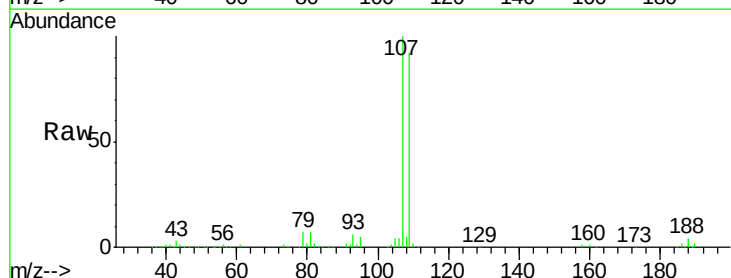
Acq: 03 May 2019 00:17

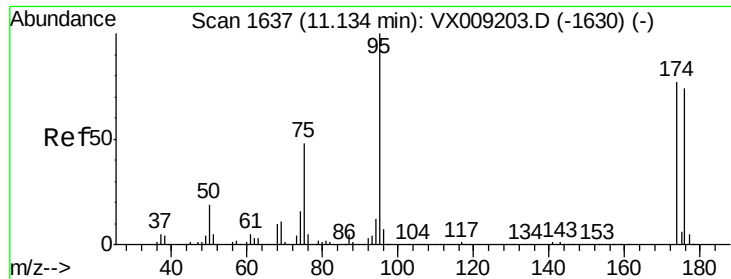
Tgt Ion:107 Resp: 102064

Ion Ratio Lower Upper

107 100

109 93.8 75.2 112.8





#62

4-Bromofluorobenzene

Concen: 50.083 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

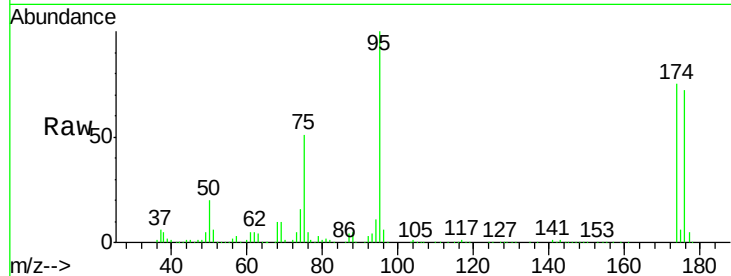
Tot Ion: 95 Resp: 126518

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

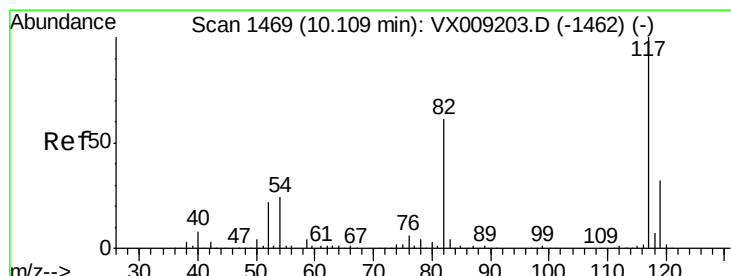
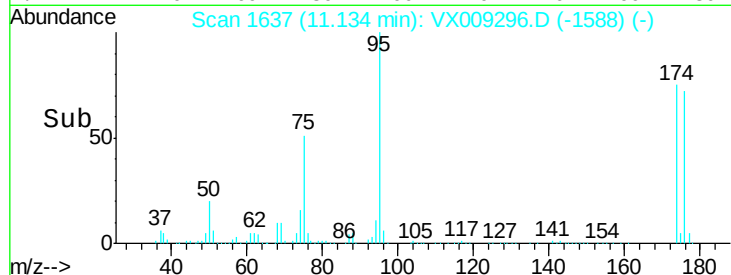
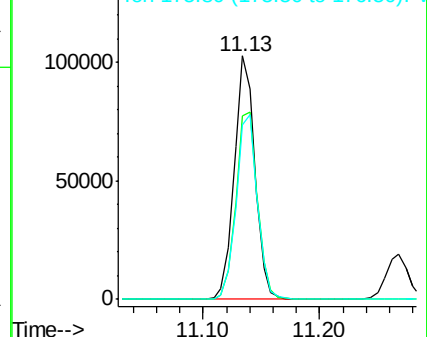
176 78.2 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009296.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009296.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009296.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

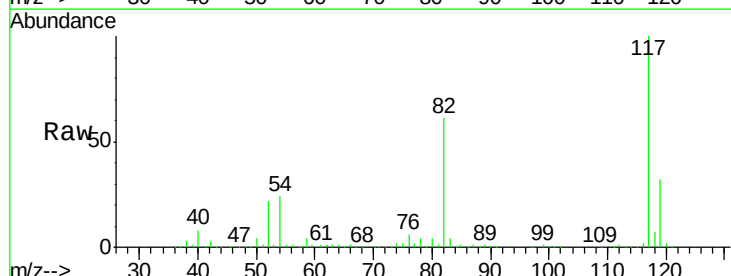
Tgt Ion: 117 Resp: 247111

Ion Ratio Lower Upper

117 100

82 61.2 48.8 73.2

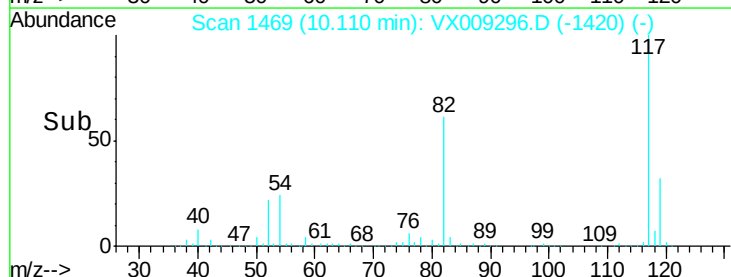
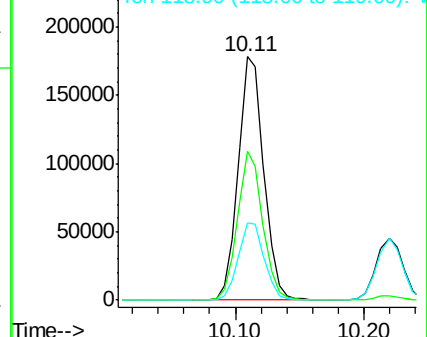
119 31.8 25.8 38.6

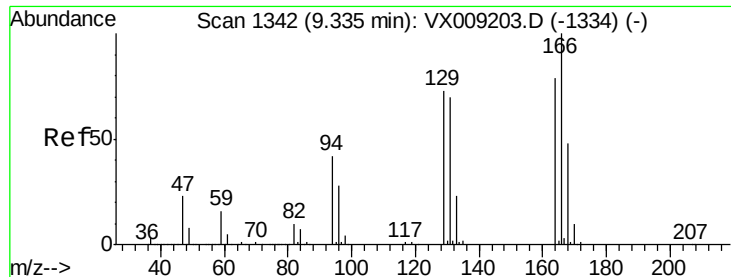


Abundance Ion 116.90 (116.60 to 117.60): VX009296.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009296.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009296.D (-1420) (-)





#64

Tetrachloroethene

Concen: 48.648 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion:164 Resp: 82462

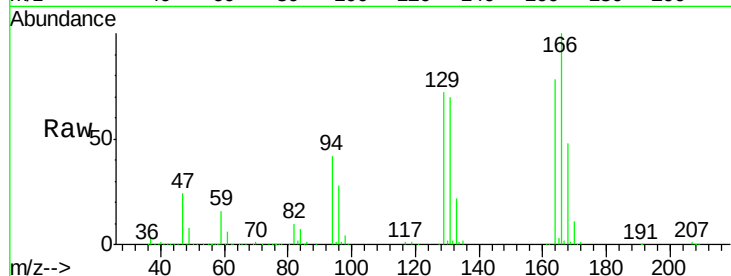
Ion Ratio Lower Upper

164 100

166 128.6 101.2 151.8

129 92.2 74.3 111.5

131 90.5 71.0 106.6

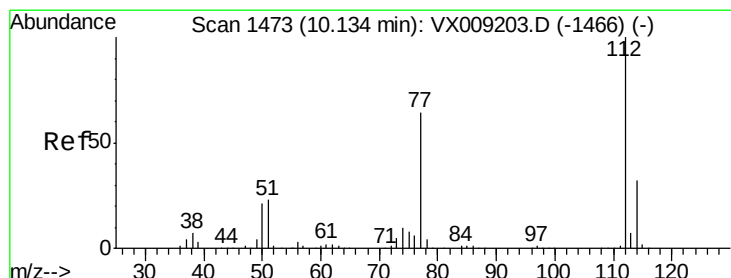
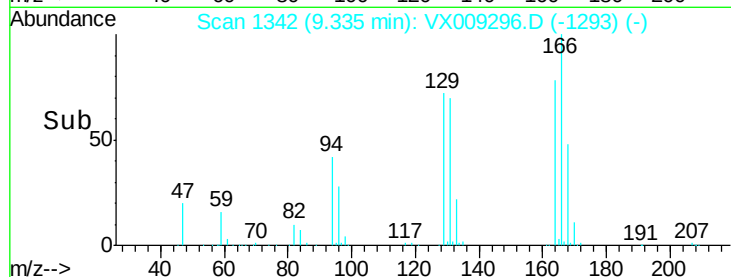
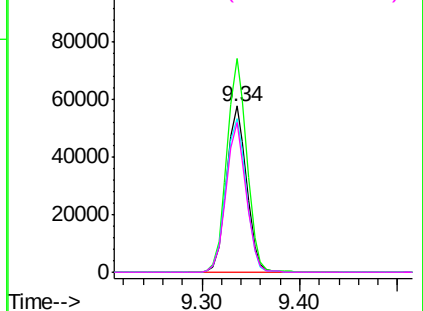


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.741 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009296.D

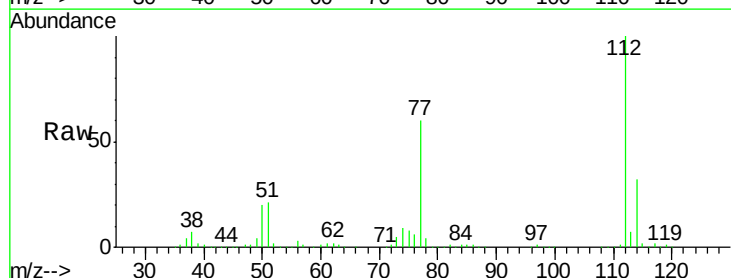
Acq: 03 May 2019 00:17

Tgt Ion:112 Resp: 250828

Ion Ratio Lower Upper

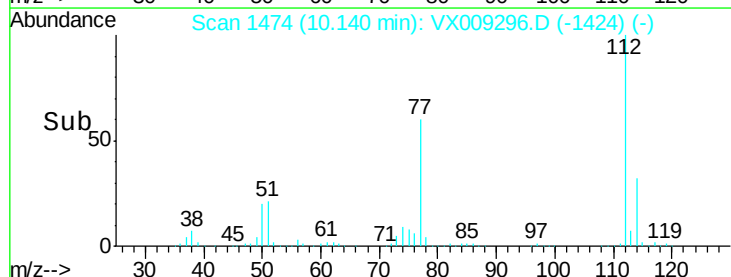
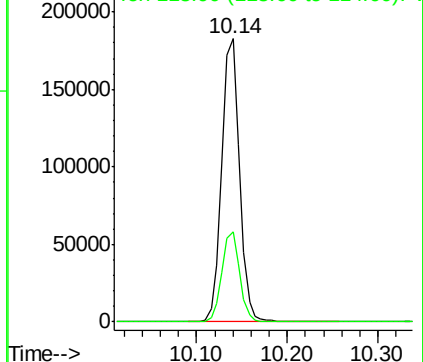
112 100

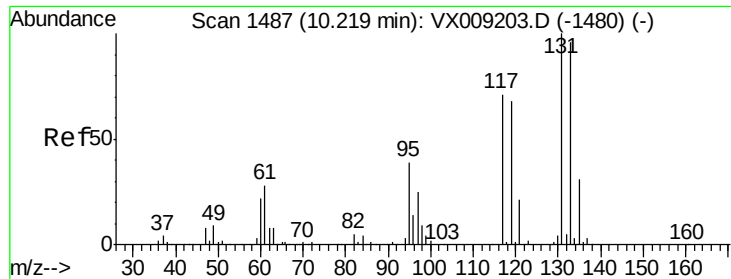
114 31.6 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

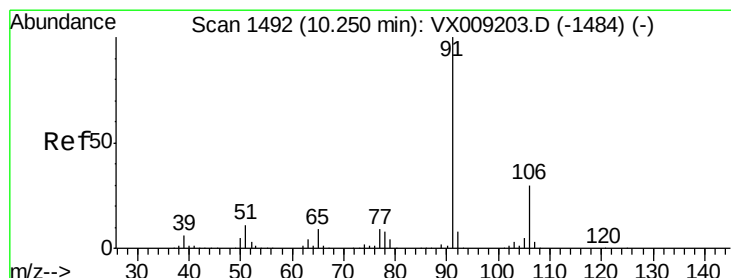
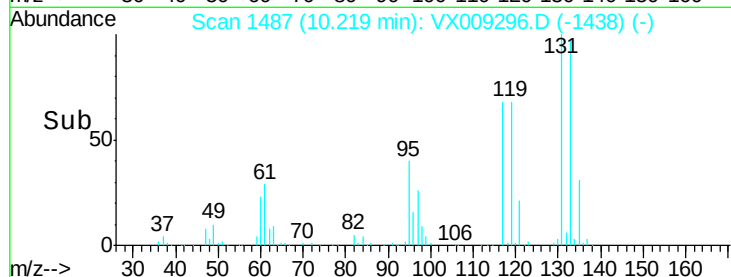
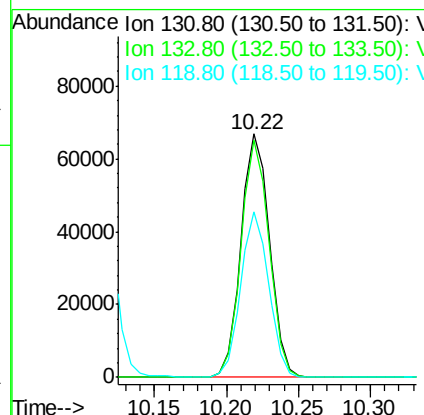
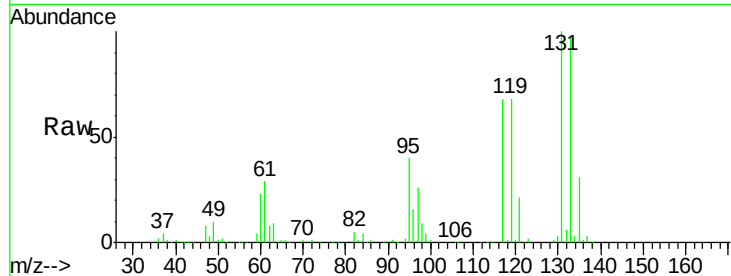




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.581 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

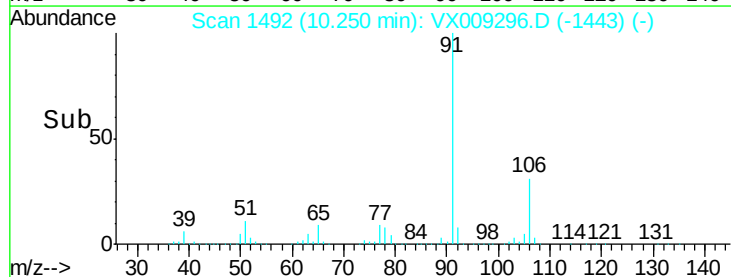
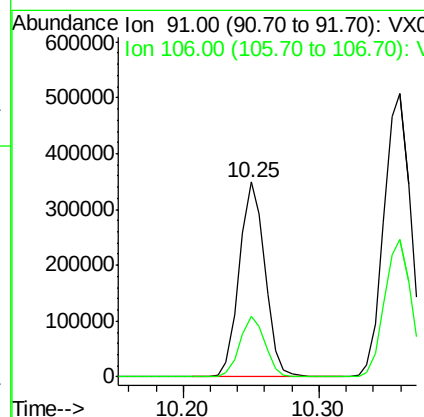
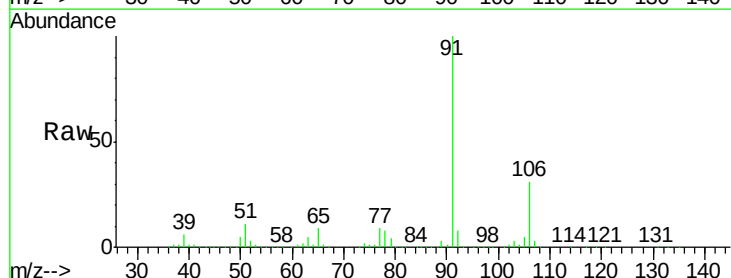
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

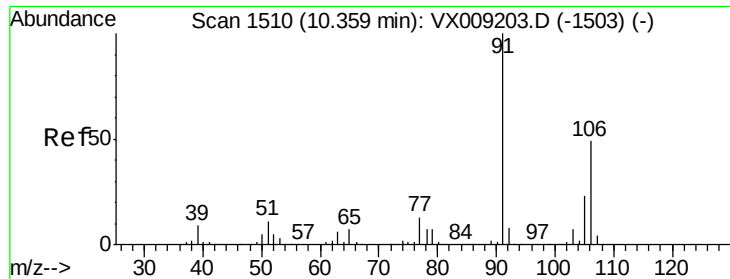
Tot Ion:131 Resp: 92442
 Ion Ratio Lower Upper
 131 100
 133 95.5 47.7 143.1
 119 66.7 33.5 100.4



#67
 Ethyl Benzene
 Concen: 50.723 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion: 91 Resp: 461458
 Ion Ratio Lower Upper
 91 100
 106 30.9 24.0 36.0

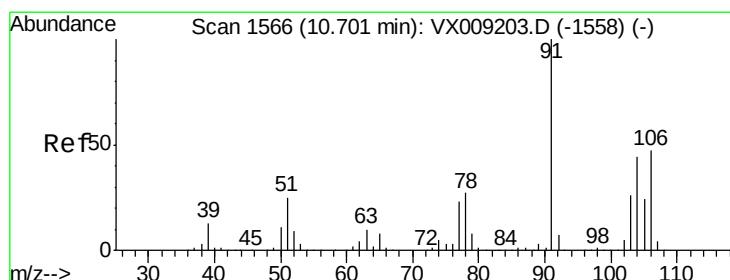
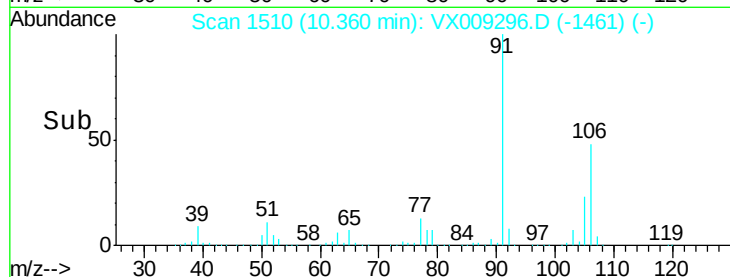
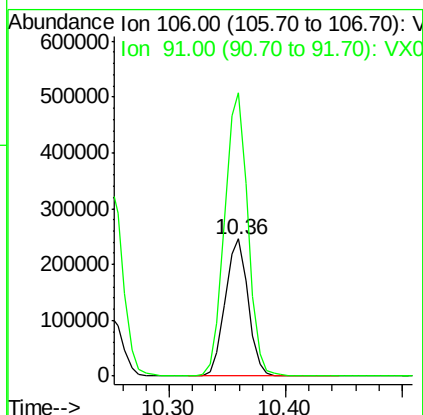
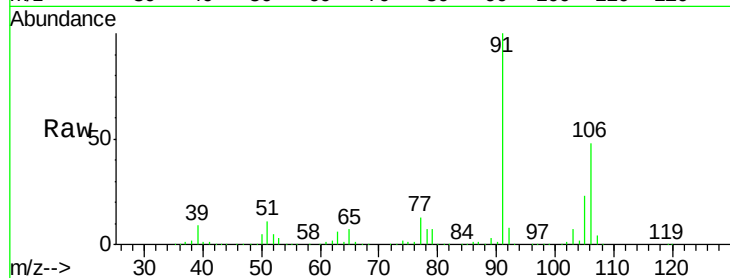




#68
m/p-Xylenes
Concen: 100.908 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

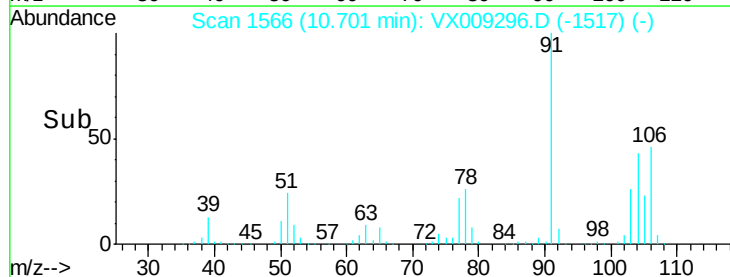
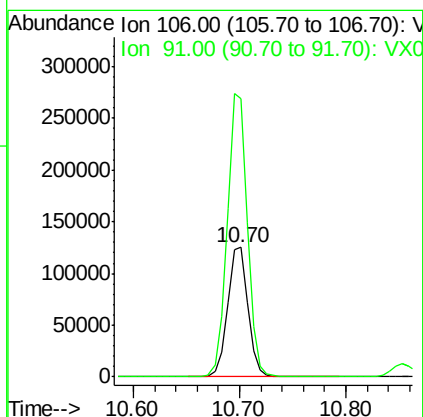
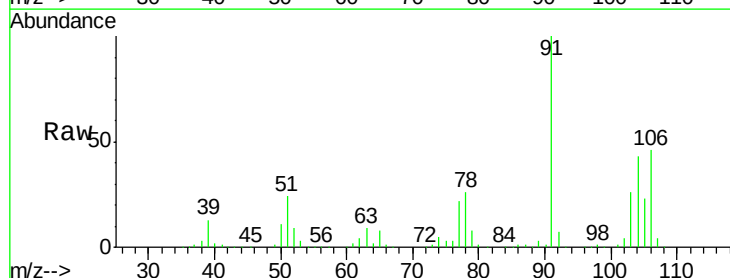
Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

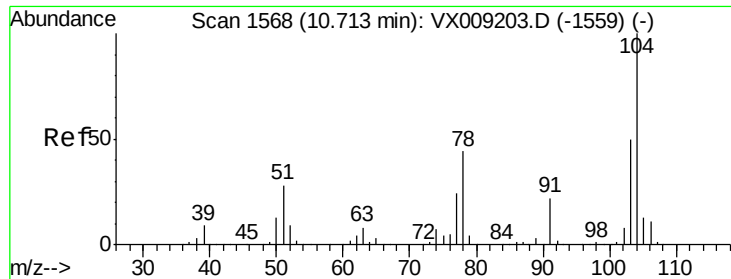
Tot Ion:106 Resp: 335474
Ion Ratio Lower Upper
106 100
91 209.4 164.0 246.0



#69
o-Xylene
Concen: 51.048 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion:106 Resp: 167445
Ion Ratio Lower Upper
106 100
91 217.6 109.5 328.4





#70

Stvrene

Concen: 51.906 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

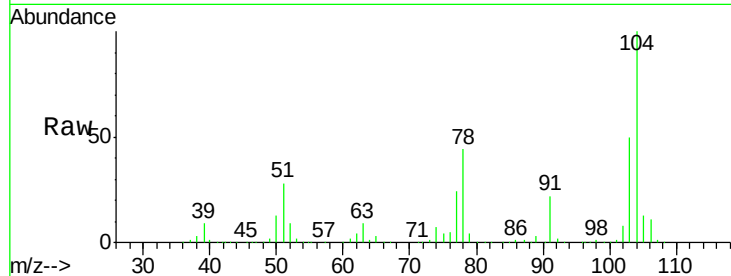
Tot Ion:104 Resp: 295926

Ion Ratio Lower Upper

104 100

78 51.7 41.0 61.4

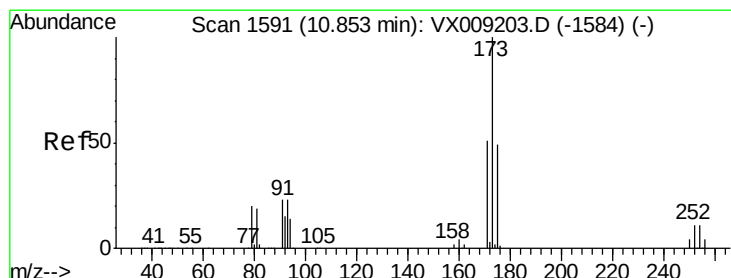
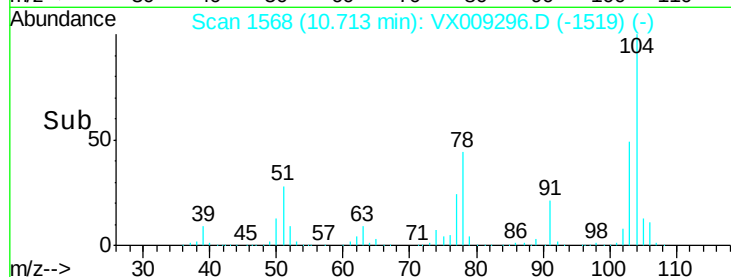
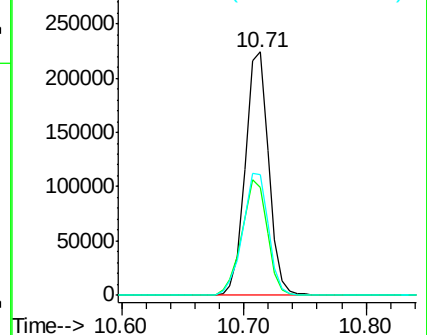
103 55.1 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 52.420 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

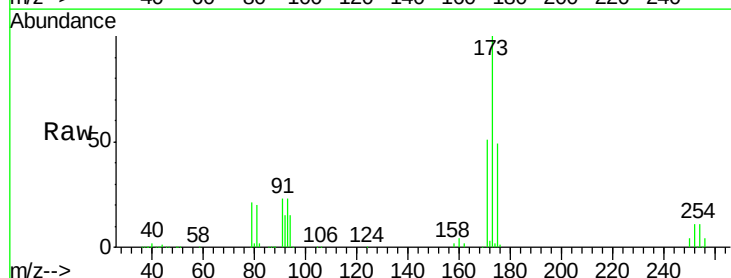
Tgt Ion:173 Resp: 76344

Ion Ratio Lower Upper

173 100

175 49.4 24.5 73.5

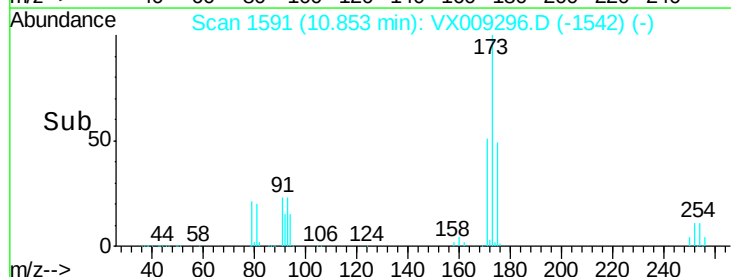
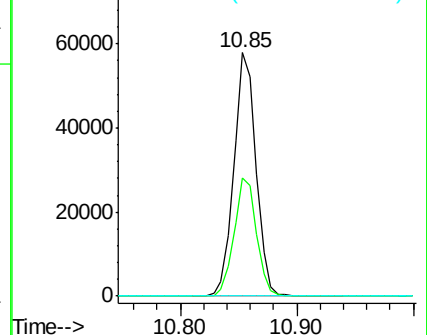
254 0.2 0.1 0.1#

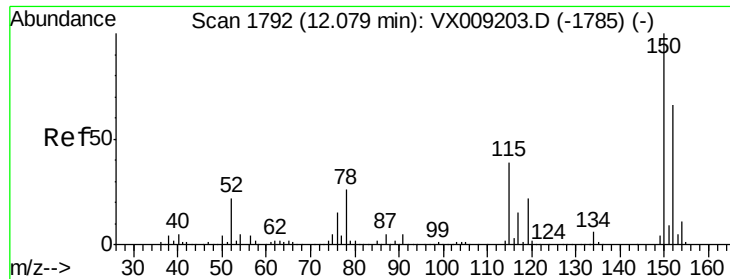


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



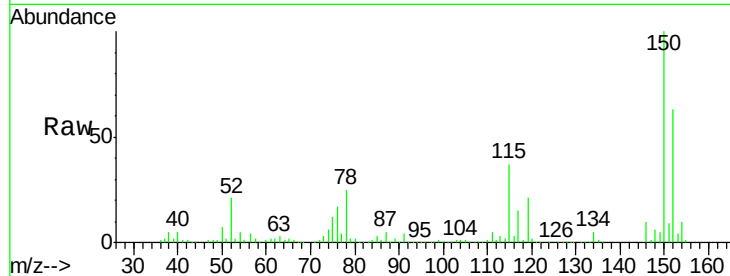


#72

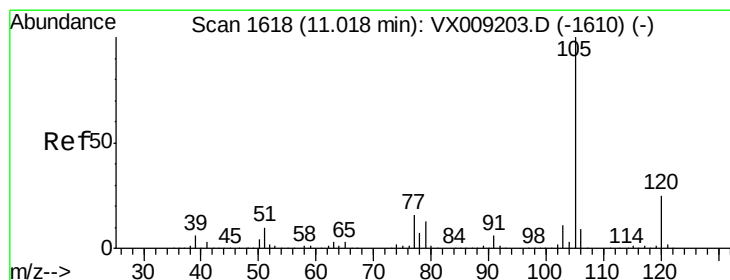
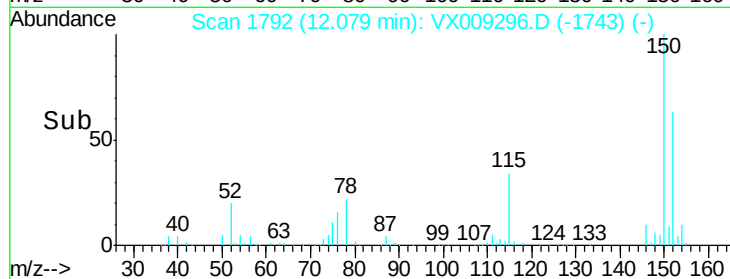
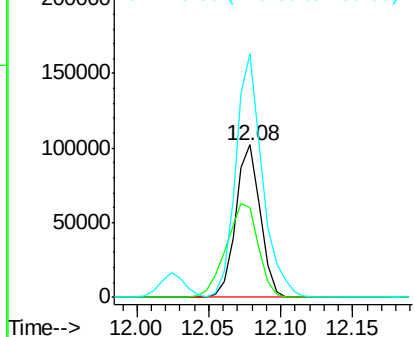
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Instrument :
MSVOA_X
ClientSampleId :
SS050MW641-190429MS

Tot Ion:152 Resp: 121285
Ion Ratio Lower Upper
152 100
115 81.1 41.2 123.6
150 173.9 0.0 346.4



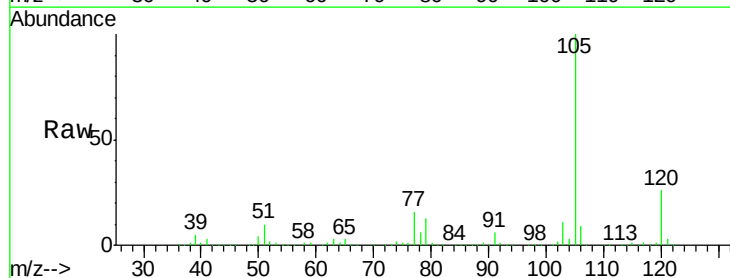
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



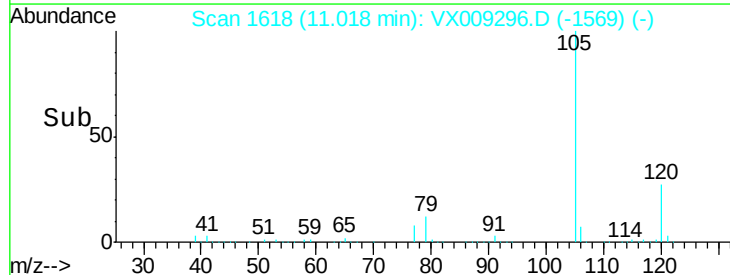
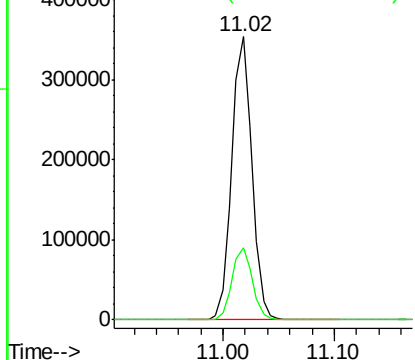
#73

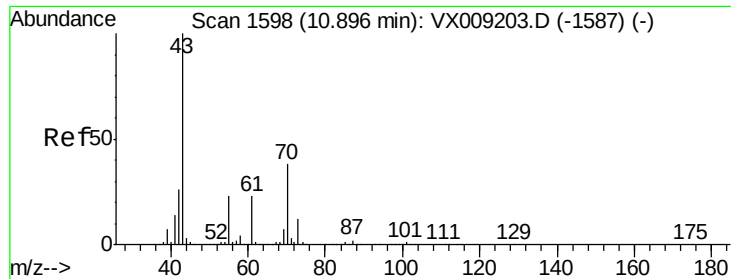
Isopropylbenzene
Concen: 50.063 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009296.D
Acq: 03 May 2019 00:17

Tgt Ion:105 Resp: 441544
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 51.017 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

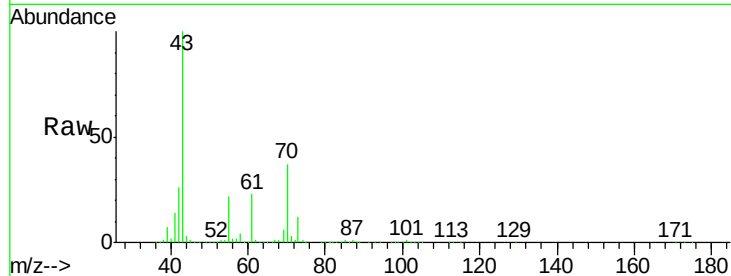
MSVOA_X

ClientSampleId :

SS050MW641-190429MS

Tot Ion: 43 Resp: 262329

Ion	Ratio	Lower	Upper
43	100		
70	37.3	30.0	45.0
55	22.4	17.9	26.9
61	22.7	18.4	27.6

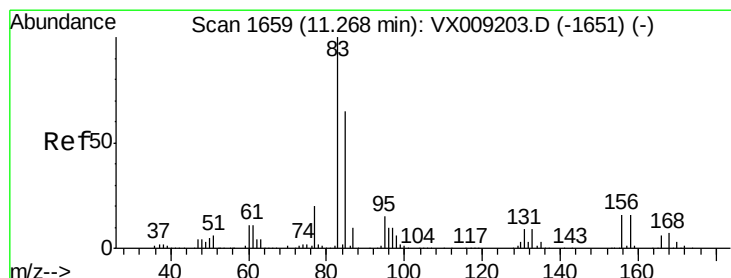
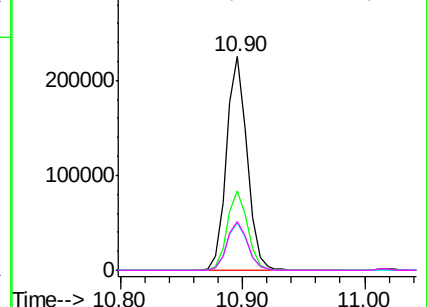
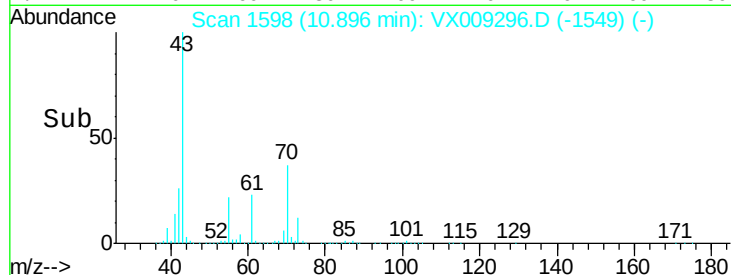


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 52.493 ug/l

RT: 11.27 min Scan# 1659

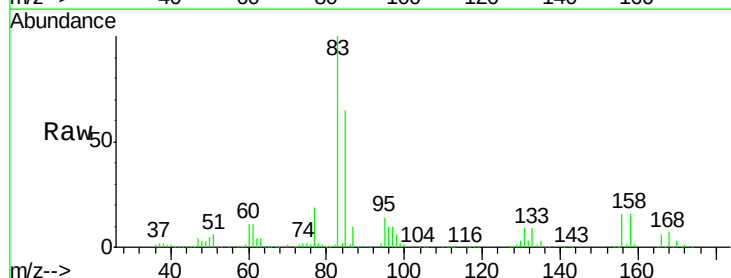
Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Tgt Ion: 83 Resp: 172589

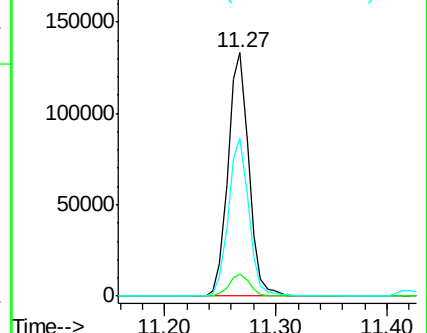
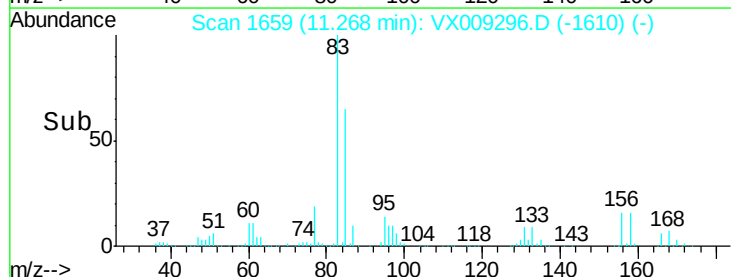
Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.6	13.8
85	64.0	32.0	96.2

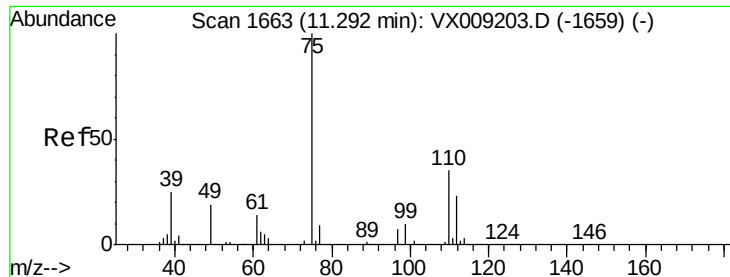


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

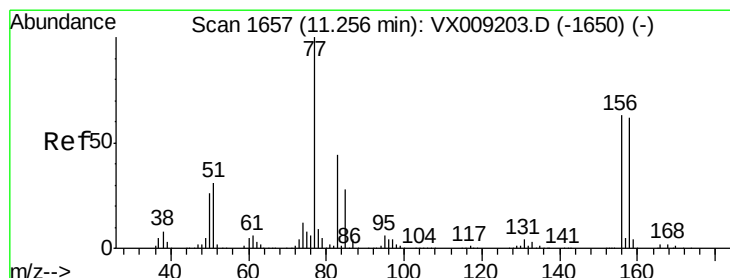
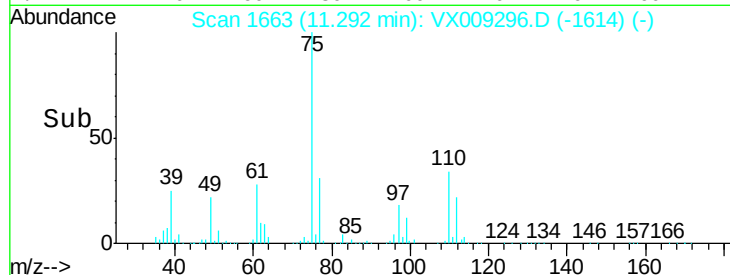
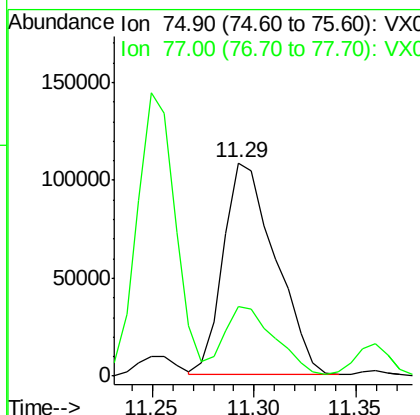
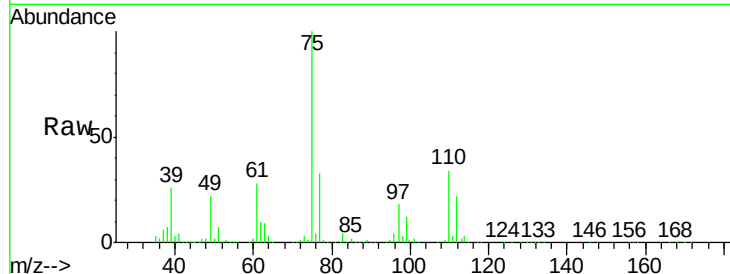




#76
 1,2,3-Trichloropropane
 Concen: 68.164 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

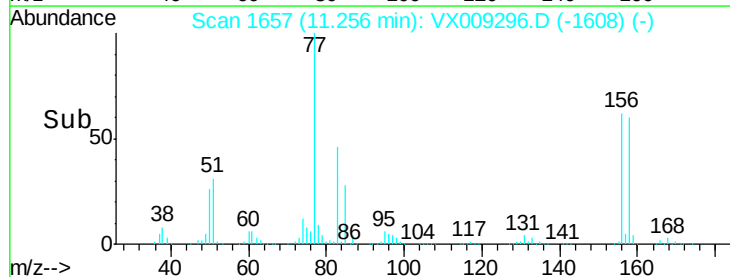
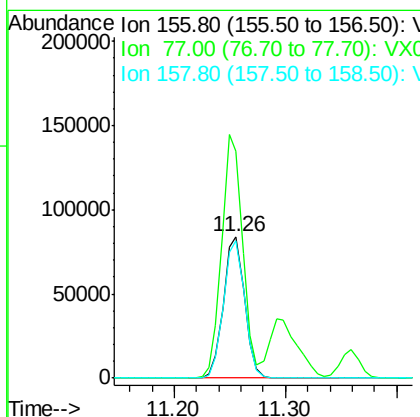
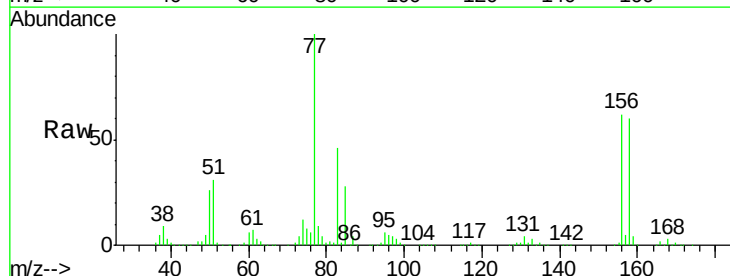
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

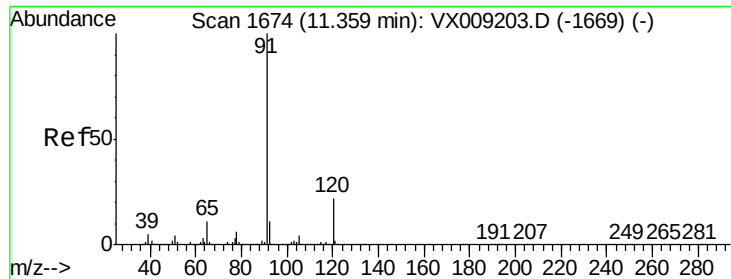
Tot Ion: 75 Resp: 191771
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.1 66.1



#77
 Bromobenzene
 Concen: 50.275 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion: 156 Resp: 110057
 Ion Ratio Lower Upper
 156 100
 77 171.2 84.8 254.3
 158 97.6 49.1 147.3





#78

n-propylbenzene

Concen: 50.479 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

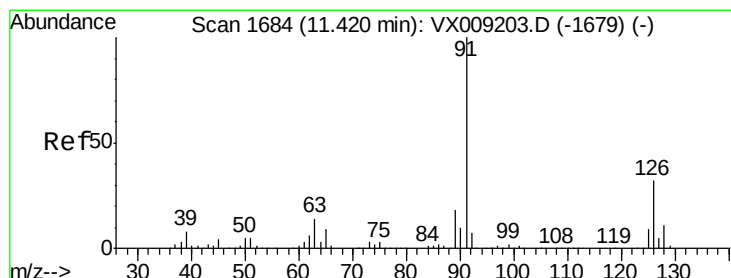
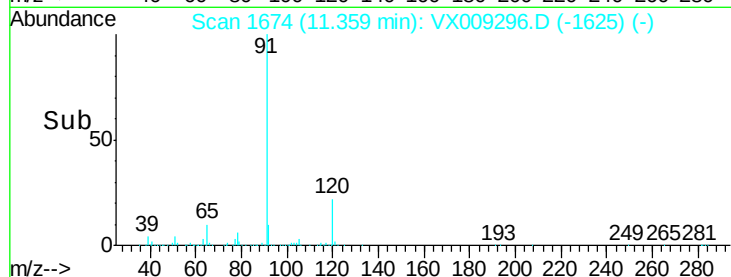
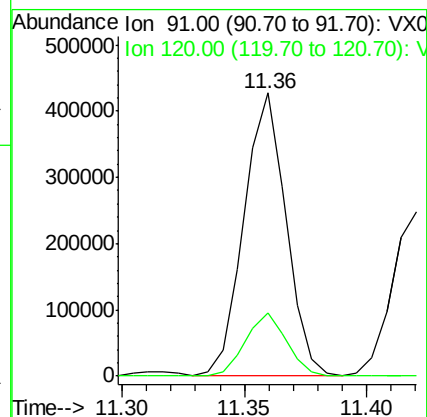
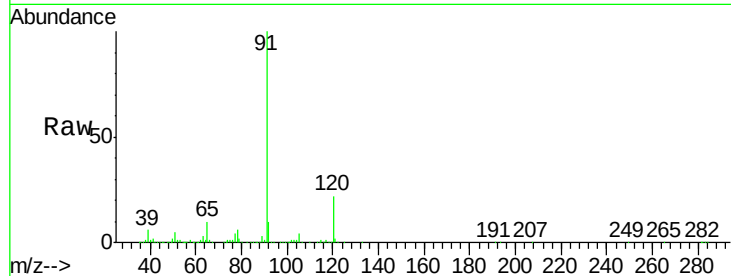
SS050MW641-190429MS

Tot Ion: 91 Resp: 508452

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0



#79

2-Chlorotoluene

Concen: 49.372 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009296.D

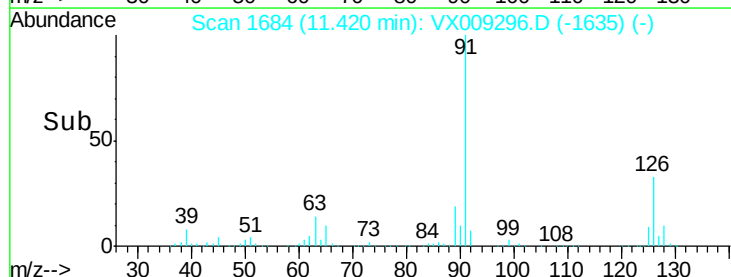
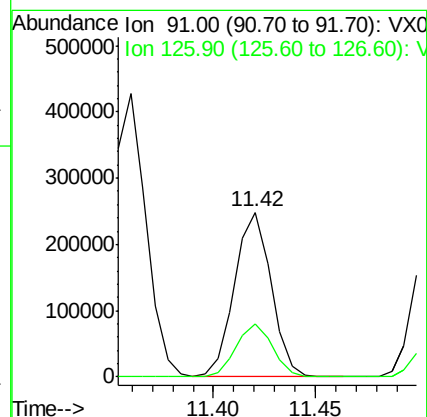
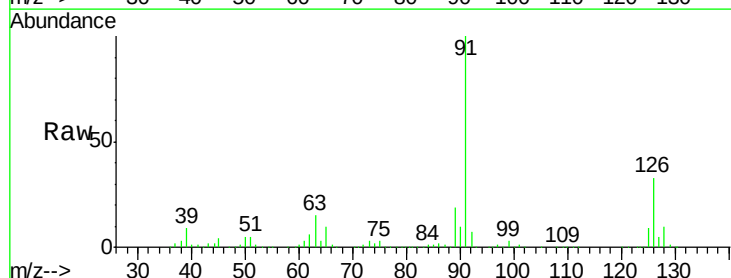
Acq: 03 May 2019 00:17

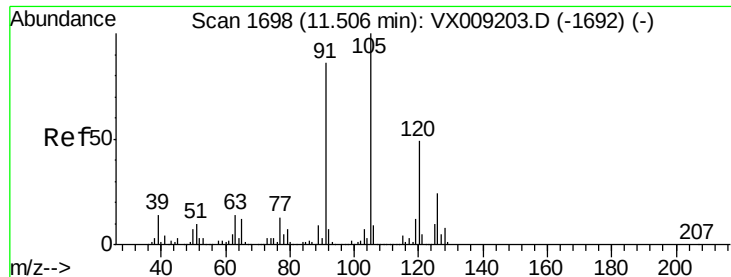
Tgt Ion: 91 Resp: 306809

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9

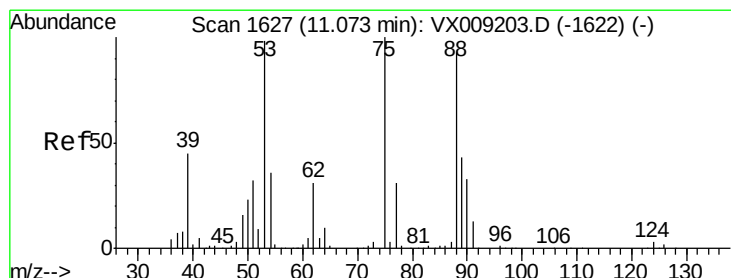
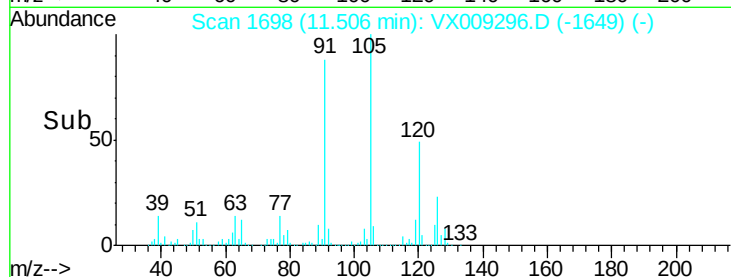
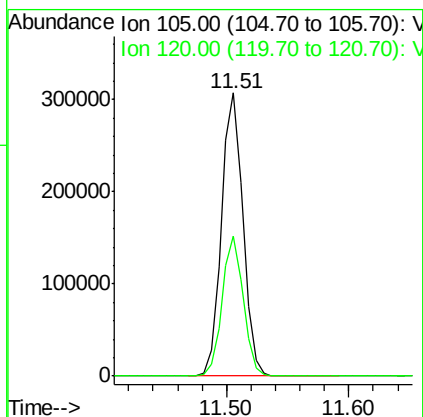
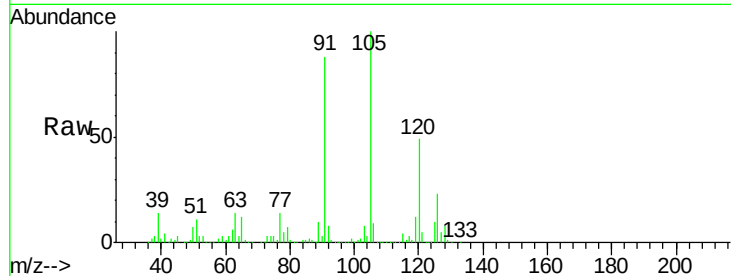




#80
 1,3,5-Trimethylbenzene
 Concen: 50.263 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

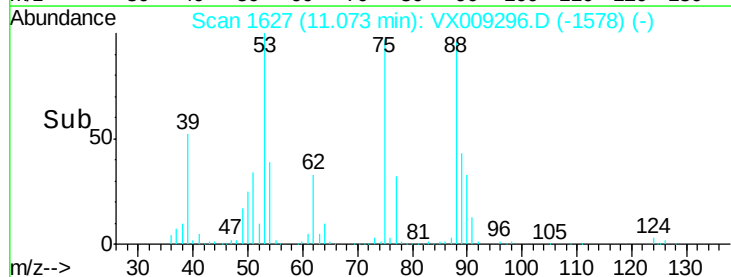
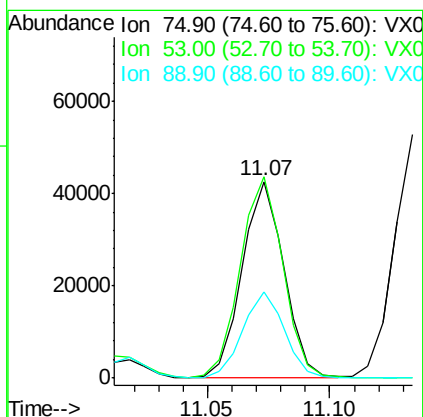
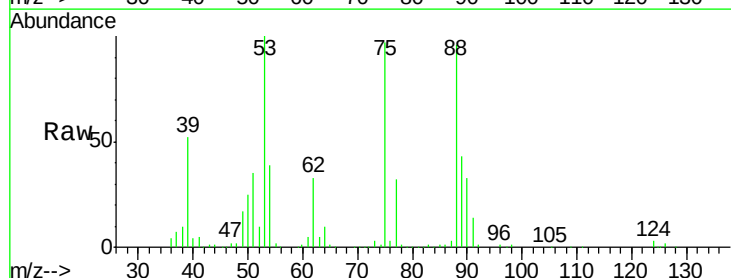
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

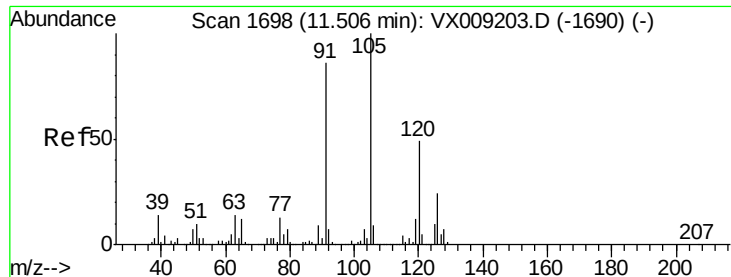
Tot Ion:105 Resp: 373263
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.840 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion: 75 Resp: 50404
 Ion Ratio Lower Upper
 75 100
 53 105.0 79.0 118.6
 89 44.6 34.7 52.1





#82

4-Chlorotoluene

Concen: 50.159 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

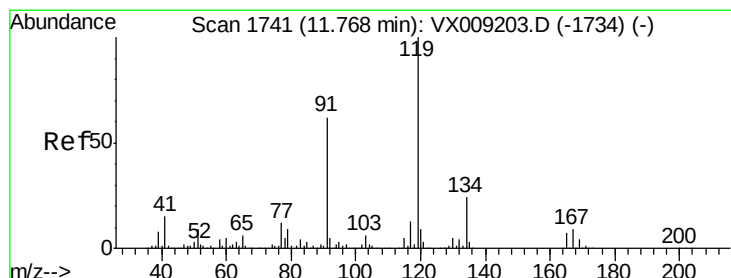
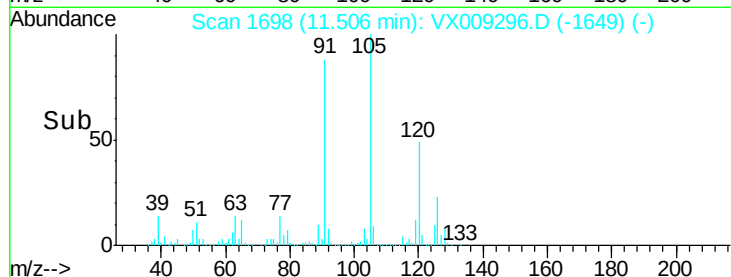
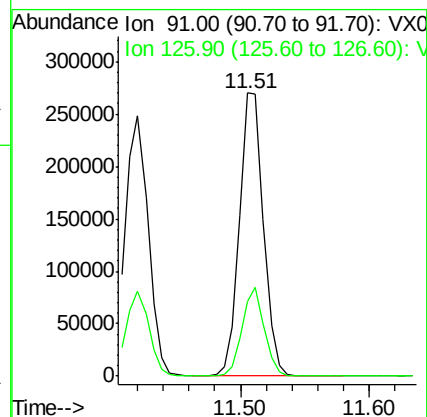
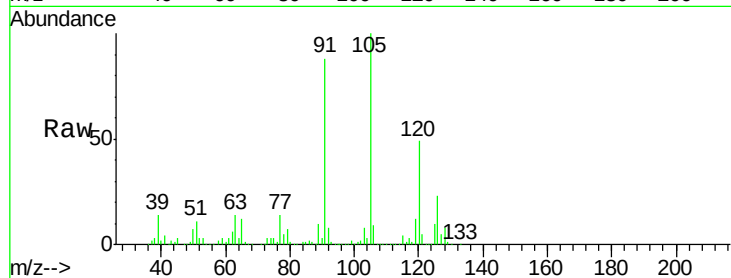
SS050MW641-190429MS

Tot Ion: 91 Resp: 352134

Ion Ratio Lower Upper

91 100

126 29.0 14.5 43.6



#83

tert-Butylbenzene

Concen: 50.394 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

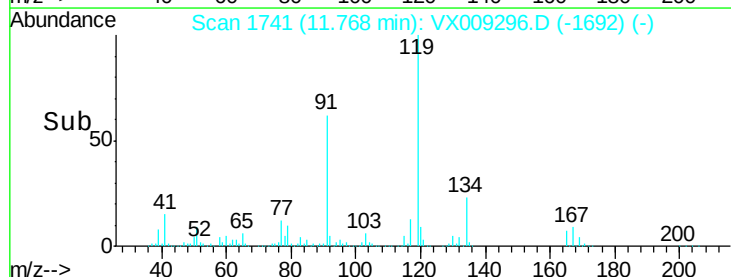
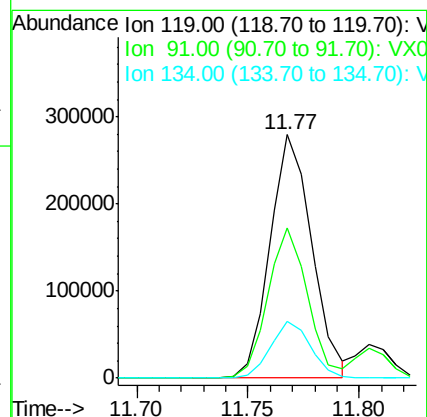
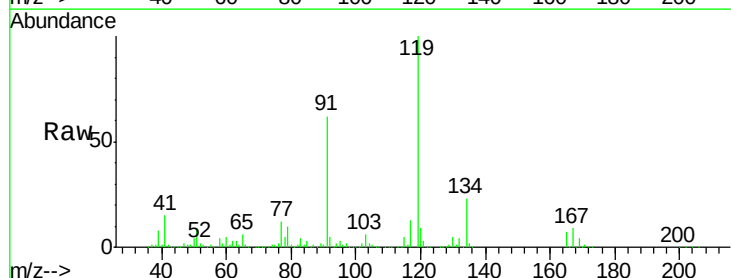
Tgt Ion: 119 Resp: 364057

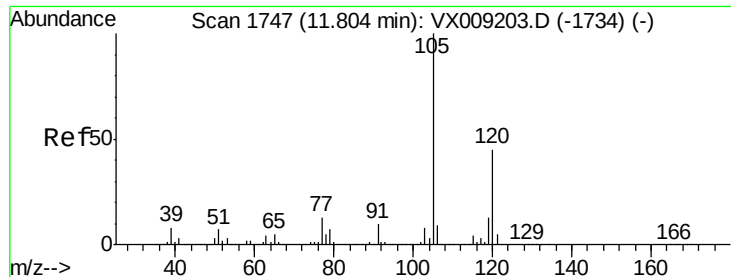
Ion Ratio Lower Upper

119 100

91 58.6 29.5 88.5

134 22.5 11.4 34.1

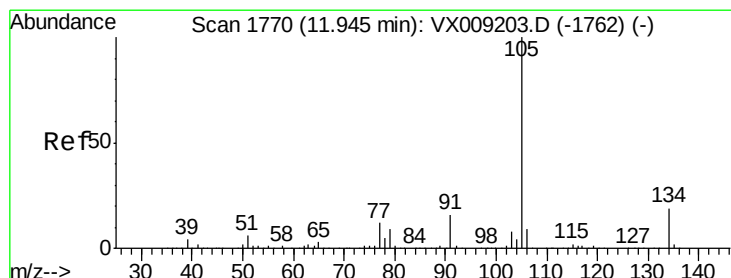
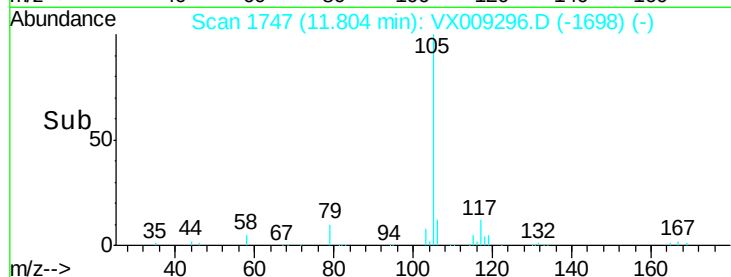
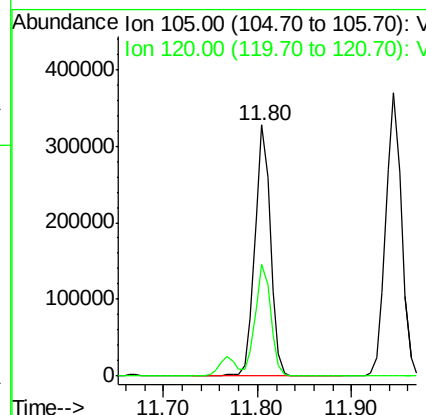
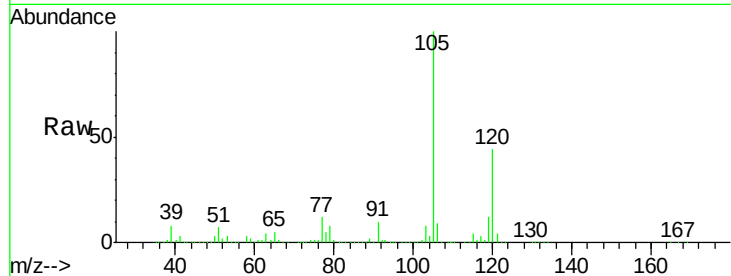




#84
 1,2,4-Trimethylbenzene
 Concen: 50.917 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

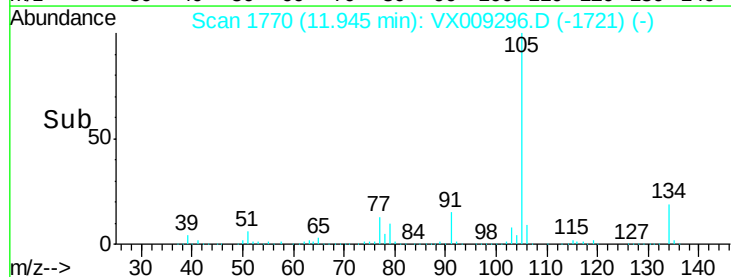
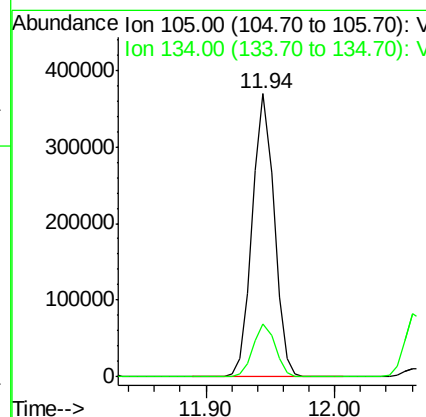
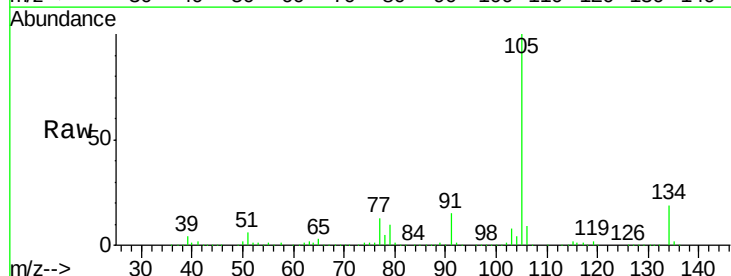
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

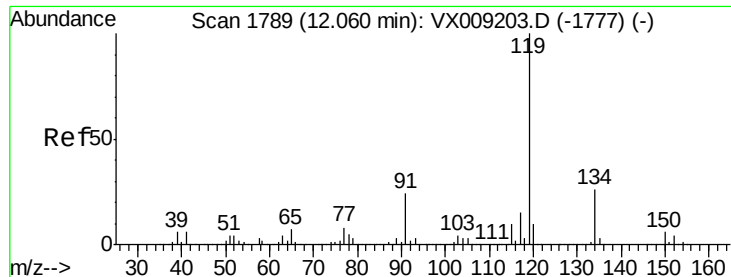
Tot Ion:105 Resp: 379538
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 50.131 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Tgt Ion:105 Resp: 429359
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9





#86

p-Isopropyltoluene

Concen: 50.465 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

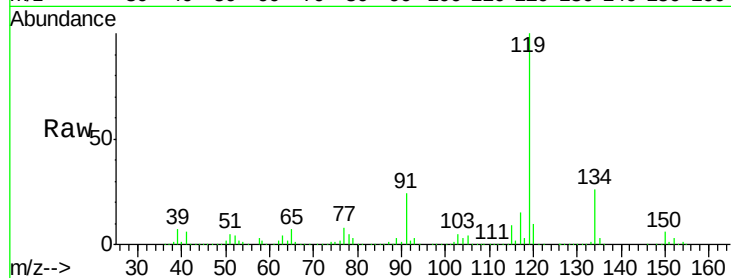
Tot Ion:119 Resp: 388564

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

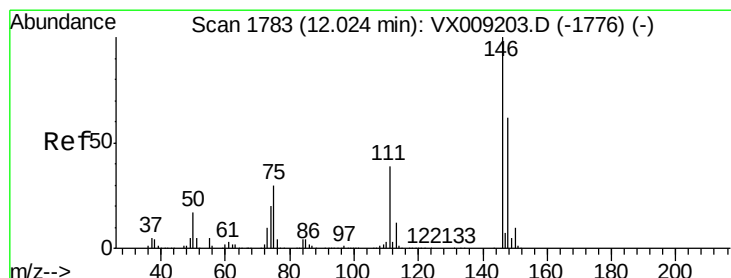
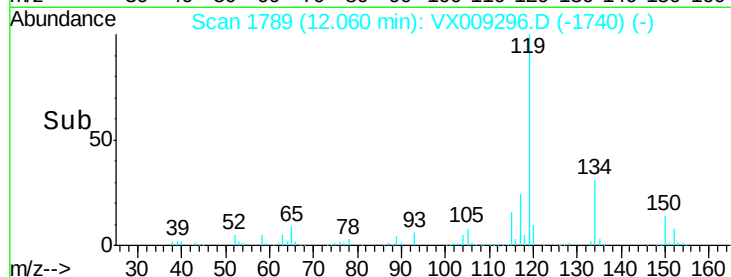
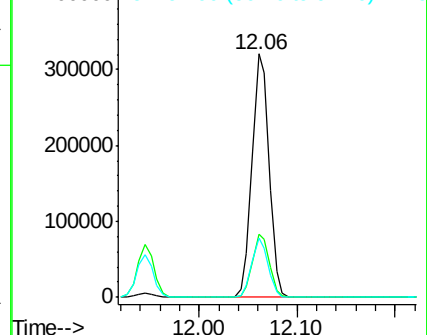
91 23.4 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 49.940 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

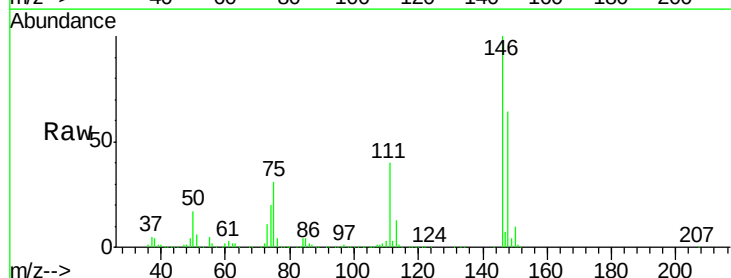
Tgt Ion:146 Resp: 194888

Ion Ratio Lower Upper

146 100

111 40.3 20.0 59.9

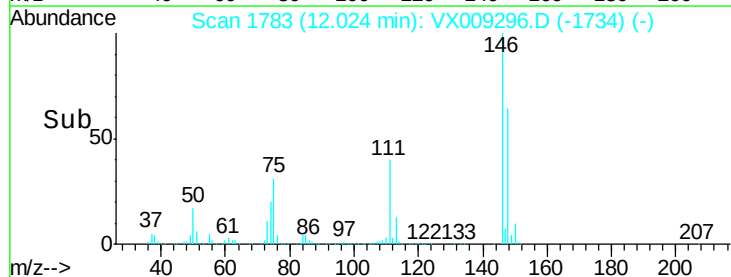
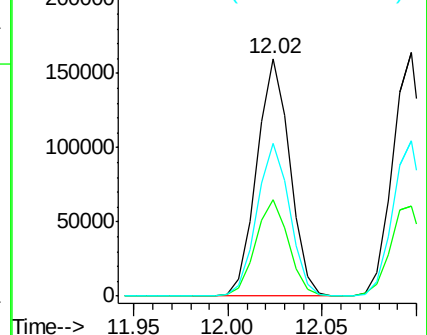
148 63.8 31.8 95.3

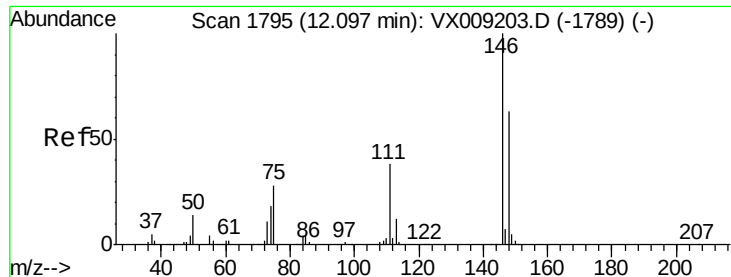


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 49.421 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

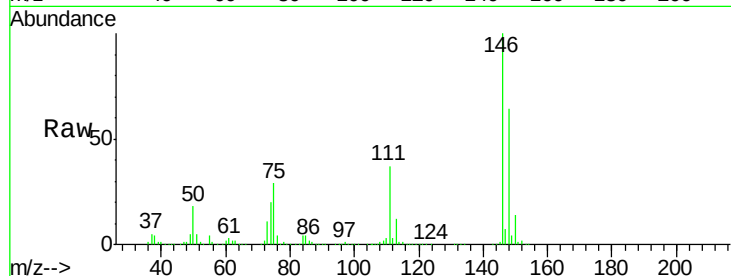
Tot Ion:146 Resp: 194442

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.8

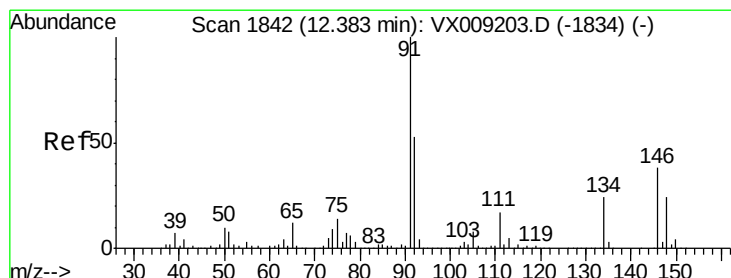
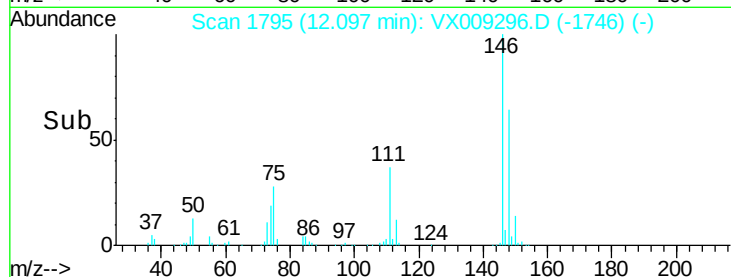
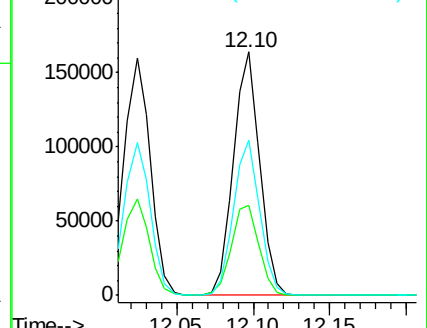
148 63.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 50.118 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

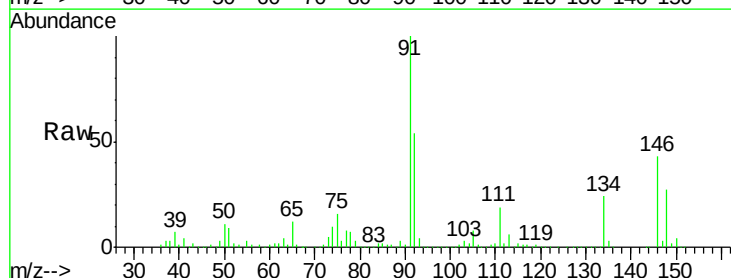
Tgt Ion: 91 Resp: 348782

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

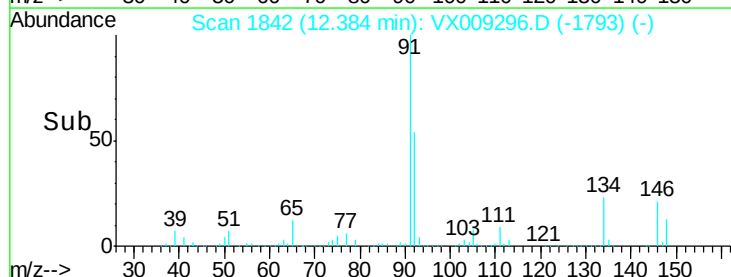
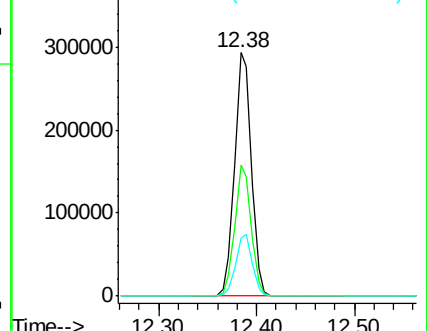
134 24.8 12.4 37.2

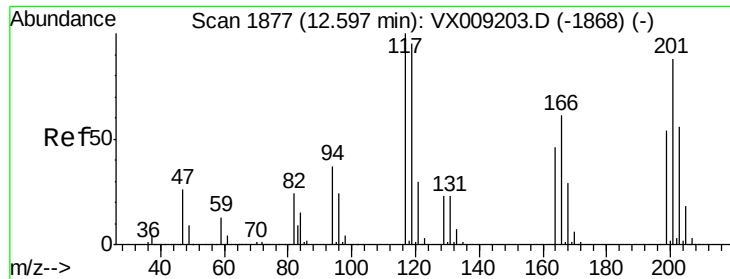


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 49.623 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

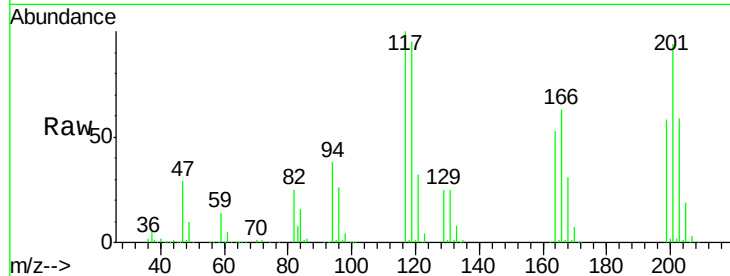
SS050MW641-190429MS

Tot Ion:117 Resp: 65094

Ion Ratio Lower Upper

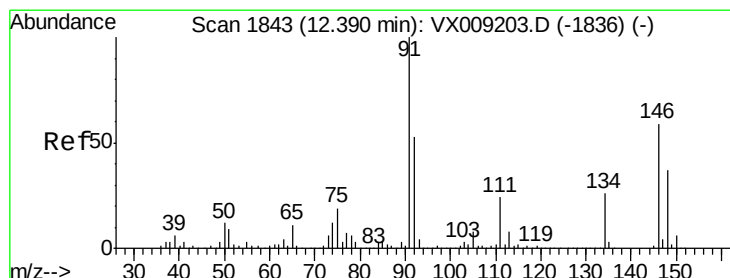
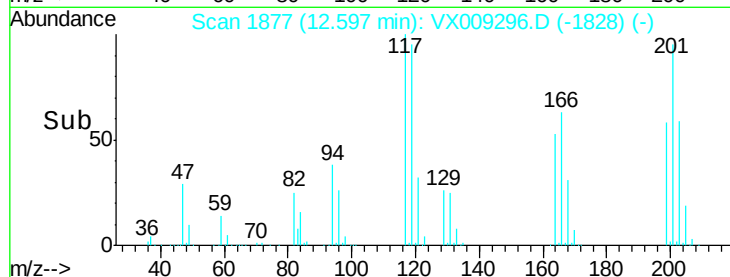
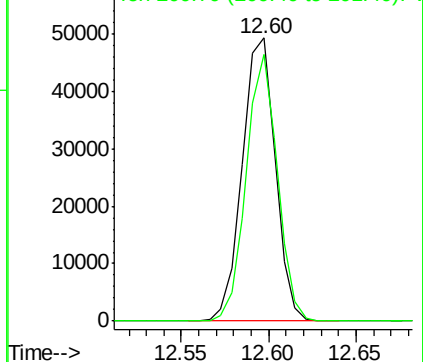
117 100

201 88.7 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 50.882 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

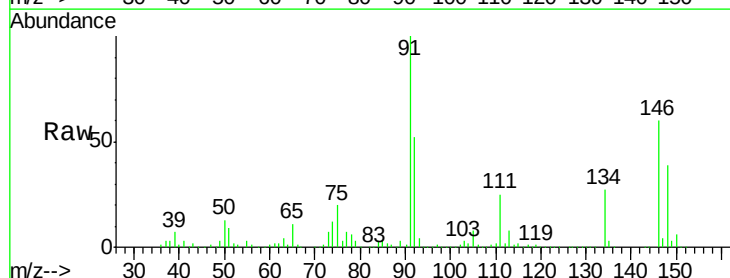
Tgt Ion:146 Resp: 202248

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.4

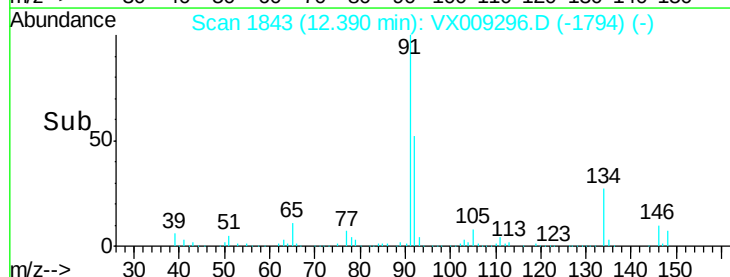
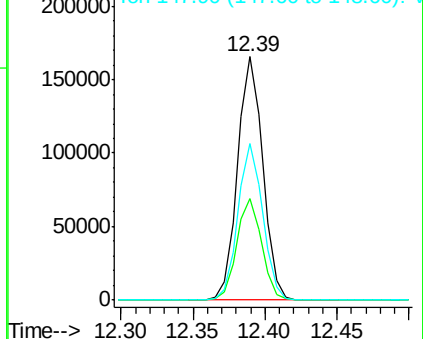
148 63.2 31.9 95.9

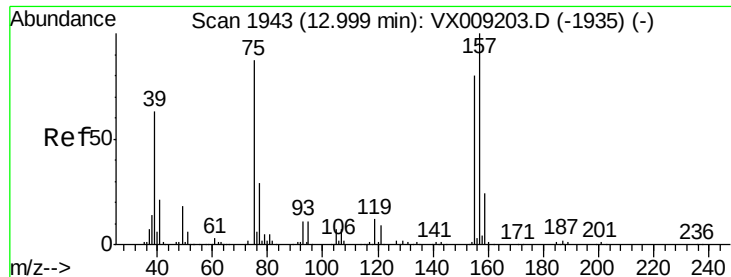


Abundance Ion 145.90 (145.60 to 146.60): V

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: 54.645 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

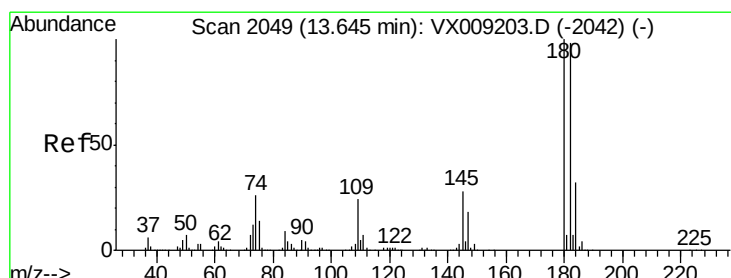
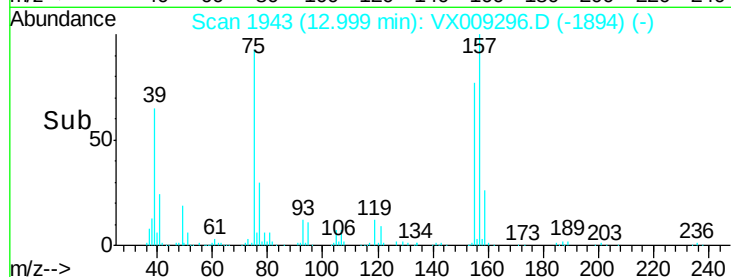
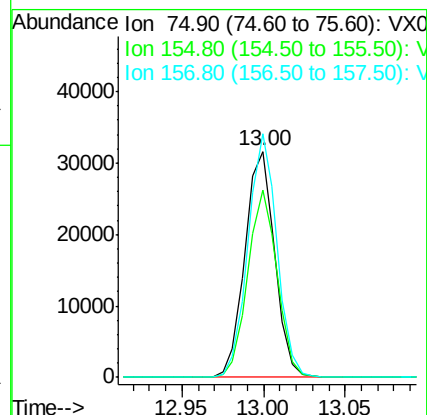
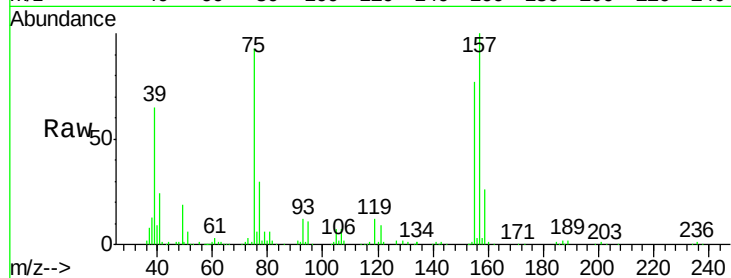
Tot Ion: 75 Resp: 40304

Ion Ratio Lower Upper

75 100

155 81.6 42.0 126.0

157 104.9 53.2 159.6



#93

1,2,4-Trichlorobenzene

Concen: 51.210 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

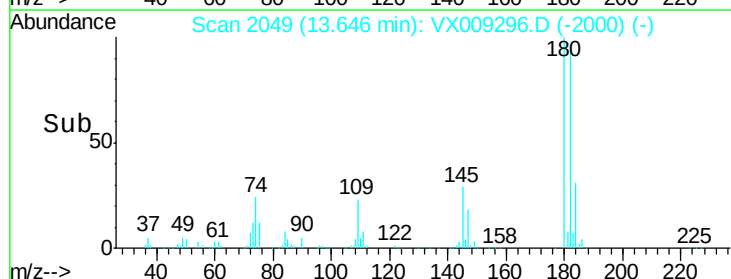
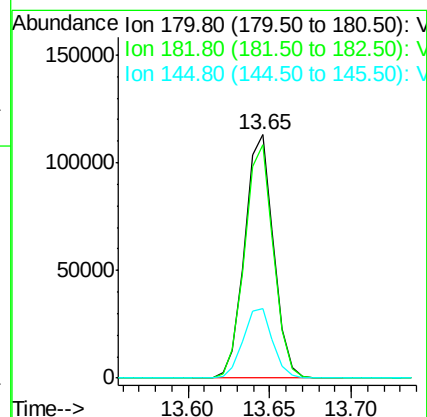
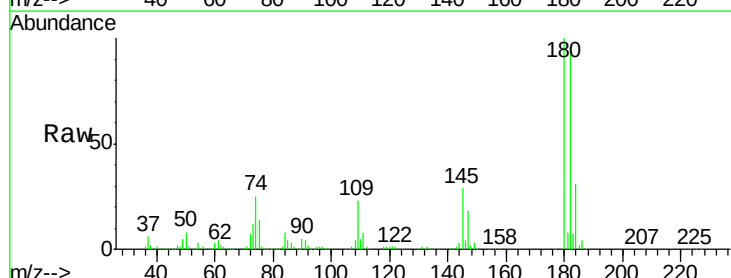
Tgt Ion:180 Resp: 139195

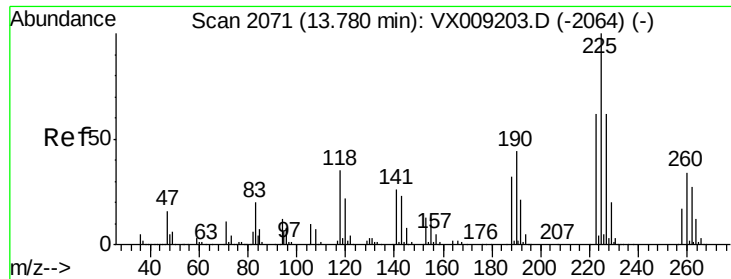
Ion Ratio Lower Upper

180 100

182 95.8 48.4 145.2

145 29.2 14.6 43.8





#94

Hexachlorobutadiene

Concen: 48.653 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

Instrument :

MSVOA_X

ClientSampleId :

SS050MW641-190429MS

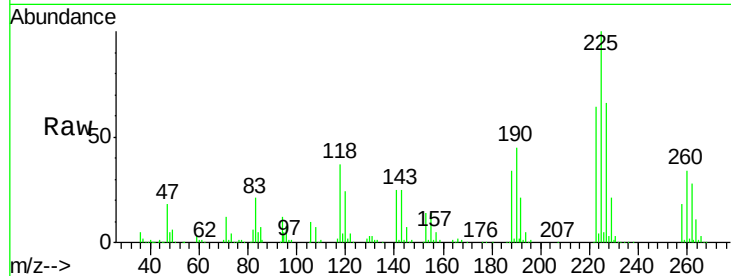
Tot Ion:225 Resp: 67532

Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

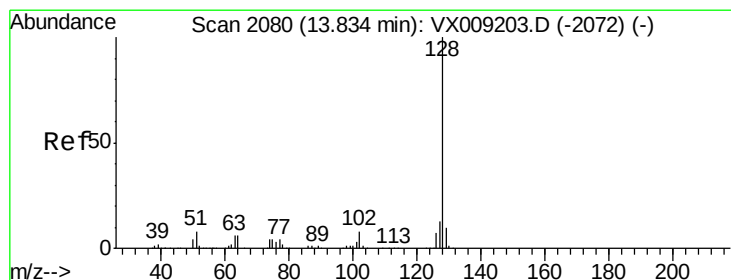
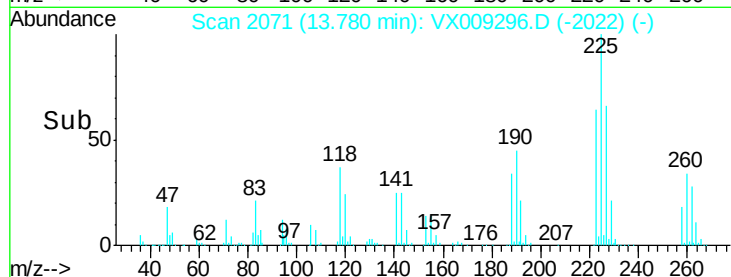
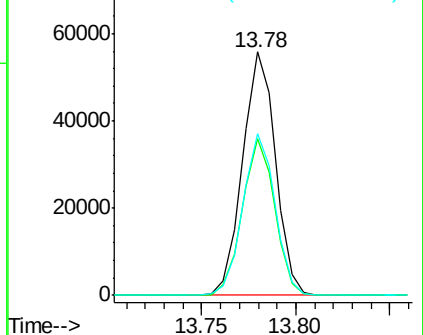
227 65.0 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.617 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009296.D

Acq: 03 May 2019 00:17

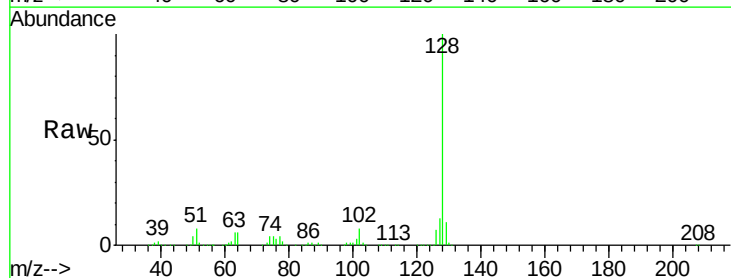
Tgt Ion:128 Resp: 474145

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

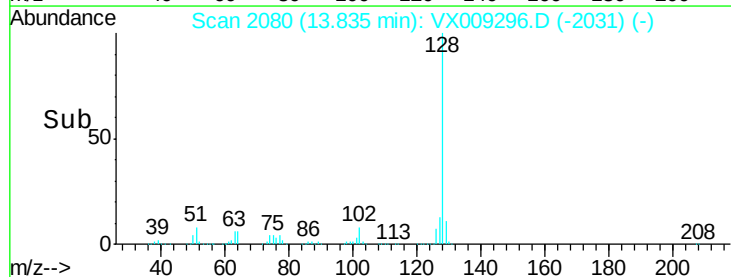
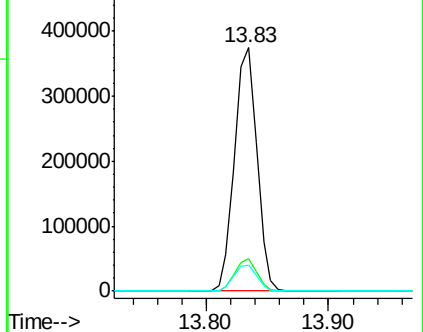
129 10.9 8.6 13.0

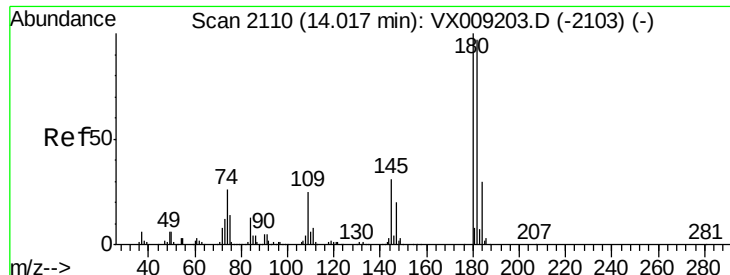


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

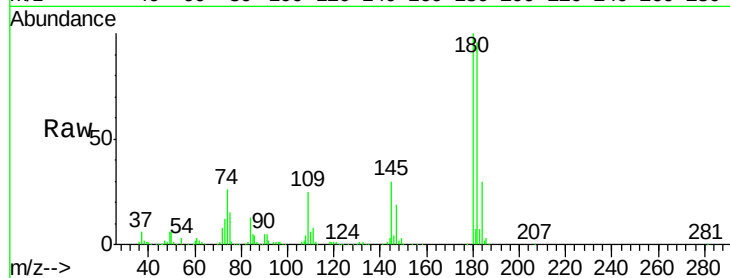




#96
 1,2,3-Trichlorobenzene
 Concen: 51.885 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009296.D
 Acq: 03 May 2019 00:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW641-190429MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.4
145	30.9	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

