

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
 Data File : VX017685.D
 Acq On : 30 Jul 2020 16:42
 Operator : JC/SP
 Sample : L3514-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

Quant Time: Jul 31 05:37:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	590262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	879756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	863898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	462044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	337479	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
35) Dibromofluoromethane	5.47	113	261889	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
50) Toluene-d8	8.70	98	916552	43.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.36%	
62) 4-Bromofluorobenzene	11.12	95	361200	42.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	239362	43.578	ug/l	97
3) Chloromethane	1.31	50	281632	38.684	ug/l	99
4) Vinyl Chloride	1.39	62	287841	38.752	ug/l	99
5) Bromomethane	1.62	94	172864	42.864	ug/l	99
6) Chloroethane	1.71	64	177602	43.258	ug/l	97
7) Trichlorofluoromethane	1.92	101	475256	40.679	ug/l	98
8) Diethyl Ether	2.17	74	165574	43.538	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	252736	39.421	ug/l	98
10) Methyl Iodide	2.50	142	293108	35.735	ug/l	97
11) Tert butyl alcohol	3.02	59	331767	207.613	ug/l	99
12) 1,1-Dichloroethene	2.36	96	246888	40.495	ug/l	97
13) Acrolein	2.27	56	284204	233.226	ug/l	100
14) Allyl chloride	2.71	41	476295	42.784	ug/l	97
15) Acrylonitrile	3.12	53	730691	211.702	ug/l	100
16) Acetone	2.42	43	700066	209.778	ug/l	96
17) Carbon Disulfide	2.55	76	685524	36.993	ug/l	97
18) Methyl Acetate	2.75	43	345590	43.971	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	877386	41.578	ug/l	100
20) Methylene Chloride	2.83	84	290358	46.097	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	266927	40.868	ug/l	98
22) Diisopropyl ether	3.83	45	863363	42.414	ug/l	98
23) Vinyl Acetate	3.79	43	3817105	210.316	ug/l	100
24) 1,1-Dichloroethane	3.67	63	496693	42.359	ug/l	99
25) 2-Butanone	4.64	43	1037171	218.775	ug/l	97
26) 2,2-Dichloropropane	4.56	77	426858	40.668	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	304233	42.885	ug/l	98
28) Bromochloromethane	4.98	49	227441	42.803	ug/l	97
29) Tetrahydrofuran	5.09	42	656782	223.655	ug/l	100
30) Chloroform	5.18	83	608163	50.759	ug/l	98
31) Cyclohexane	5.55	56	394111	42.147	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	490215	43.389	ug/l	99
36) 1,1-Dichloropropene	5.77	75	365780	43.351	ug/l	99
37) Ethyl Acetate	4.80	43	390222	42.268	ug/l	98
38) Carbon Tetrachloride	5.76	117	450172	43.935	ug/l	97

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Quant Time: Jul 31 05:37:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	398426	40.450	ug/l	96
40) Benzene	6.12	78	1060380	43.835	ug/l	99
41) Methacrylonitrile	5.01	41	228807	43.238	ug/l	99
42) 1,2-Dichloroethane	6.17	62	432427	43.695	ug/l	100
43) Isopropyl Acetate	6.42	43	644099	42.285	ug/l	99
44) Trichloroethene	7.19	130	320015	45.267	ug/l	98
45) 1,2-Dichloropropane	7.49	63	279228	41.639	ug/l	96
46) Dibromomethane	7.64	93	202355	42.698	ug/l	99
47) Bromodichloromethane	7.88	83	433272	45.436	ug/l	99
48) Methyl methacrylate	7.74	41	329622	43.655	ug/l	98
49) 1,4-Dioxane	7.71	88	129793	896.594	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2055477	226.160	ug/l	100
52) Toluene	8.77	92	674934	43.506	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	462750	43.351	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	469692	43.138	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	283197	43.821	ug/l	99
56) Ethyl methacrylate	9.16	69	431984	44.367	ug/l	100
57) 1,3-Dichloropropane	9.35	76	472963	44.445	ug/l	100
59) 2-Hexanone	9.48	43	1582390	231.253	ug/l	98
60) Dibromochloromethane	9.57	129	365546	44.502	ug/l	99
61) 1,2-Dibromoethane	9.65	107	316651	46.022	ug/l	100
64) Tetrachloroethene	9.32	164	315925	40.745	ug/l	95
65) Chlorobenzene	10.12	112	800153	42.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	316790	41.977	ug/l	99
67) Ethyl Benzene	10.24	91	1337379	42.845	ug/l	99
68) m/p-Xylenes	10.34	106	1031728	85.321	ug/l	96
69) o-Xylene	10.68	106	494649	42.532	ug/l	100
70) Styrene	10.70	104	866873	43.809	ug/l	99
71) Bromoform	10.84	173	272122	41.619	ug/l #	96
73) Isopropylbenzene	11.00	105	1346702	42.487	ug/l	99
74) N-amyl acetate	10.88	43	563269	39.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	395255	39.950	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	495377	52.121	ug/l	82
77) Bromobenzene	11.24	156	355328	40.043	ug/l	100
78) n-propylbenzene	11.34	91	1523733	42.623	ug/l	99
79) 2-Chlorotoluene	11.40	91	917568	41.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1138563	42.071	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	149510	39.637	ug/l	98
82) 4-Chlorotoluene	11.49	91	1077581	41.251	ug/l	100
83) tert-Butylbenzene	11.76	119	1083121	41.826	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1178658	43.788	ug/l	100
85) sec-Butylbenzene	11.93	105	1260438	41.783	ug/l	100
86) p-Isopropyltoluene	12.05	119	1213947	42.257	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	630784	41.395	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	657502	41.656	ug/l	99
89) n-Butylbenzene	12.37	91	1048548	40.962	ug/l	98
90) Hexachloroethane	12.58	117	229607	40.540	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	614396	41.024	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106256	38.596	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	450682	44.092	ug/l	99

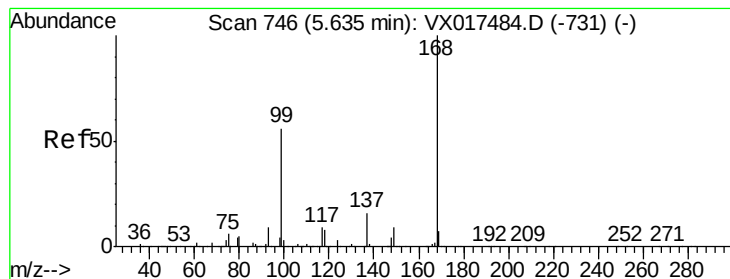
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	182909	38.875	ug/l	98
95) Naphthalene	13.82	128	1400991	45.915	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	423214	41.934	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

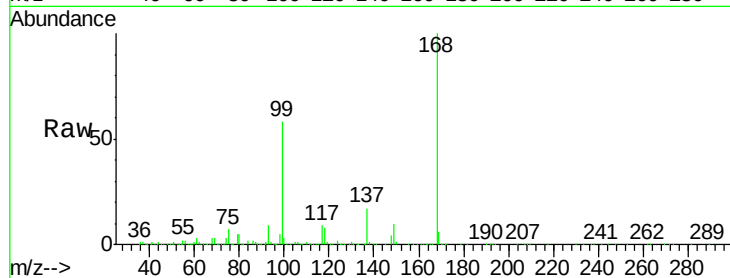
PK-10DMS

Tot Ion:168 Resp: 590262

Ion Ratio Lower Upper

168 100

99 58.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

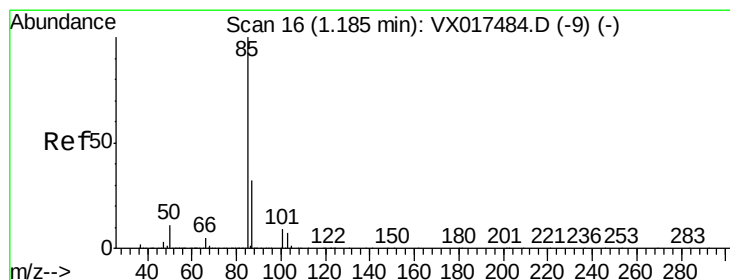
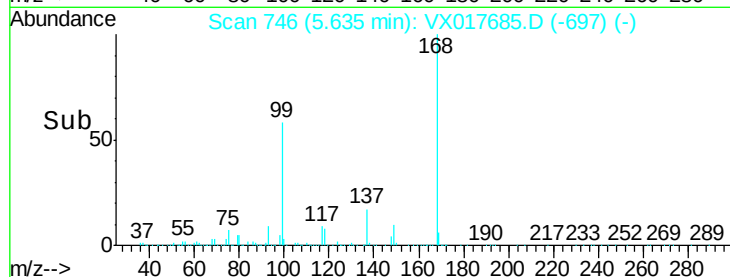
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.578 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017685.D

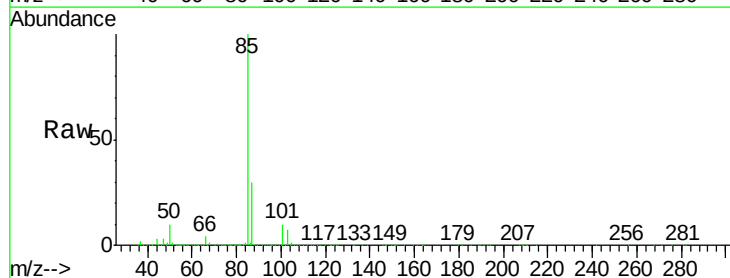
Acq: 30 Jul 2020 16:42

Tgt Ion: 85 Resp: 239362

Ion Ratio Lower Upper

85 100

87 30.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

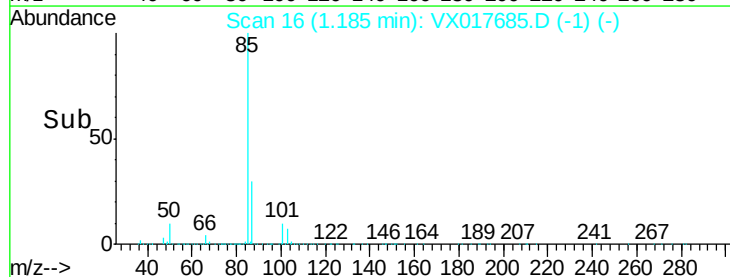
150000

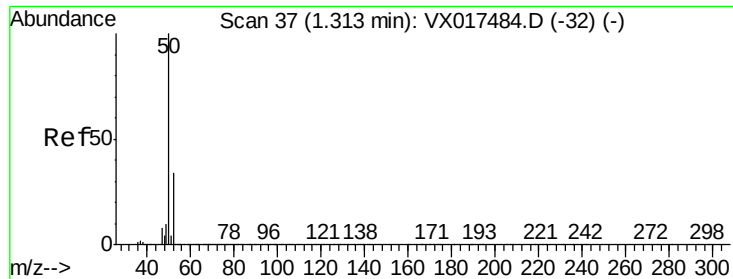
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50000

0

Time-->

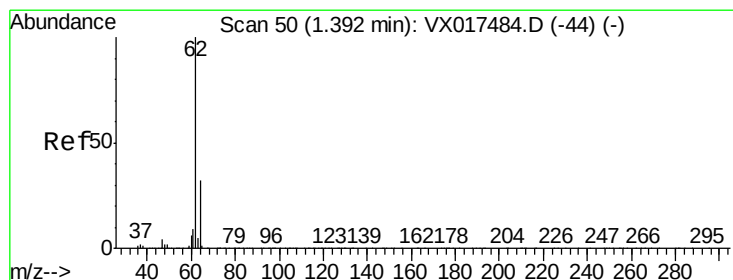
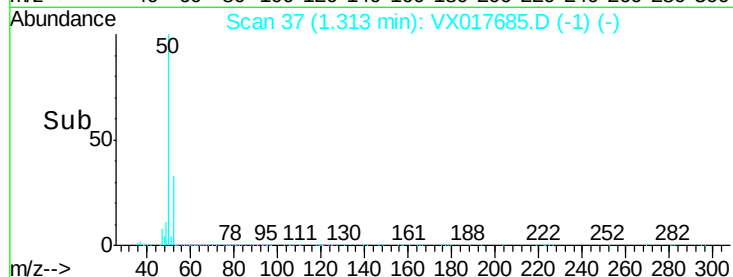
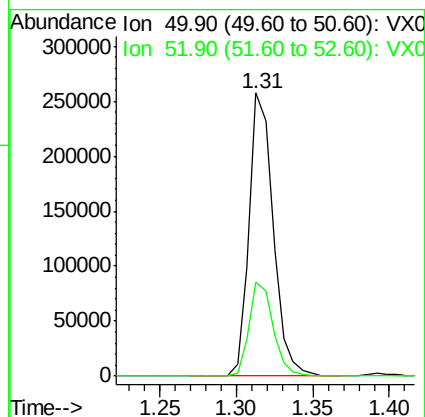
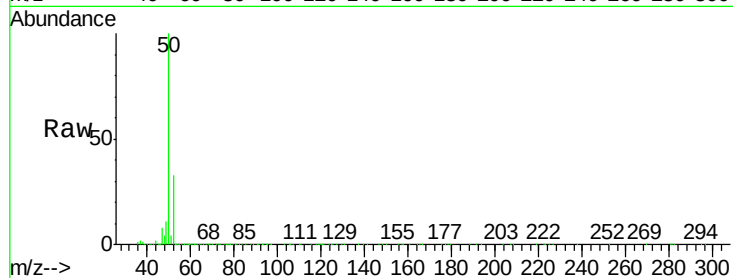




#3
Chloromethane
Concen: 38.684 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

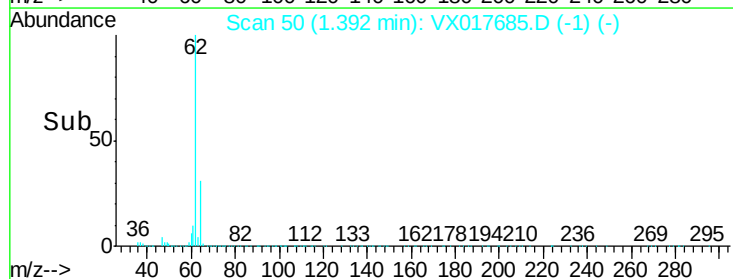
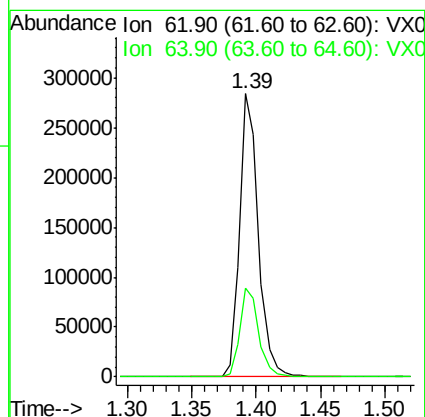
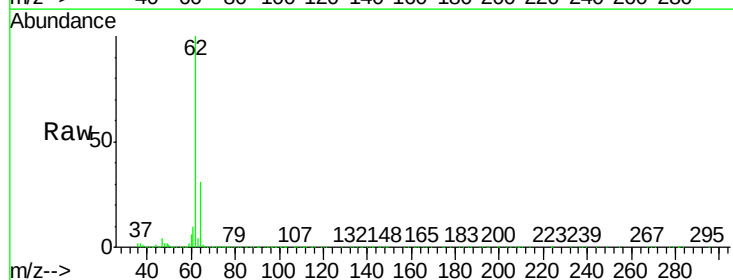
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

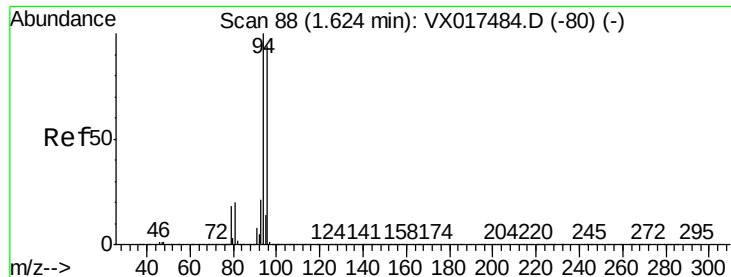
Tot Ion: 50 Resp: 281632
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 38.752 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion: 62 Resp: 287841
Ion Ratio Lower Upper
62 100
64 31.1 25.2 37.8





#5

Bromomethane

Concen: 42.864 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

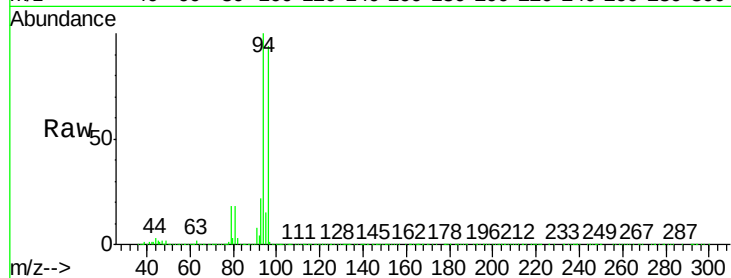
PK-10DMS

Tot Ion: 94 Resp: 172864

Ion Ratio Lower Upper

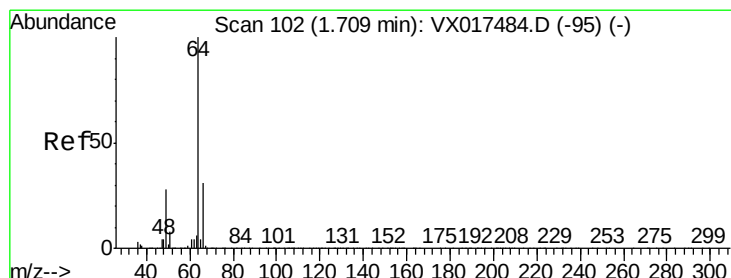
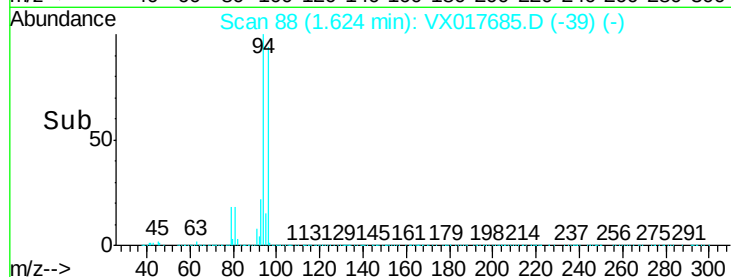
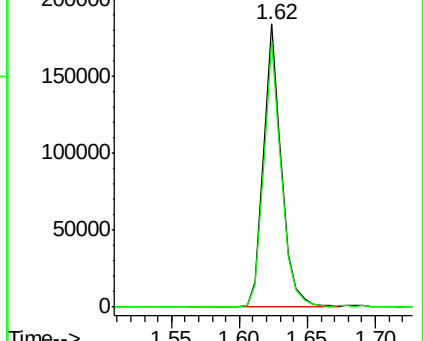
94 100

96 93.6 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.258 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017685.D

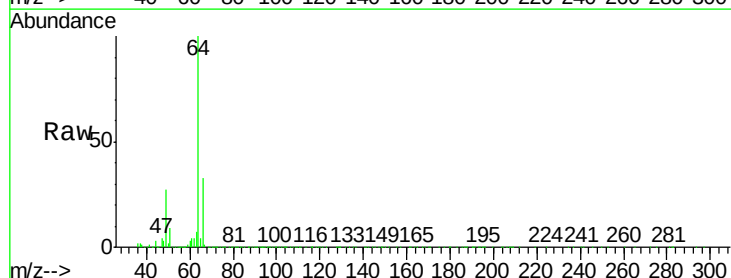
Acq: 30 Jul 2020 16:42

Tgt Ion: 64 Resp: 177602

Ion Ratio Lower Upper

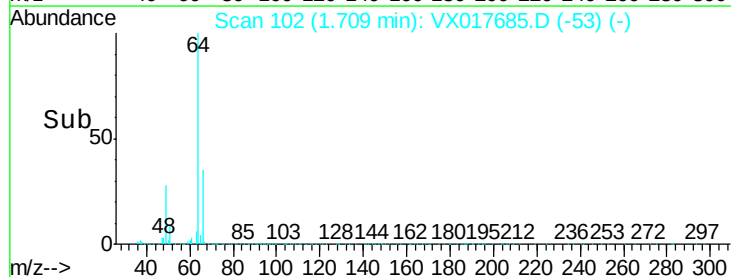
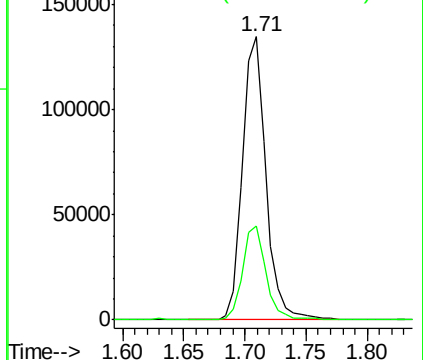
64 100

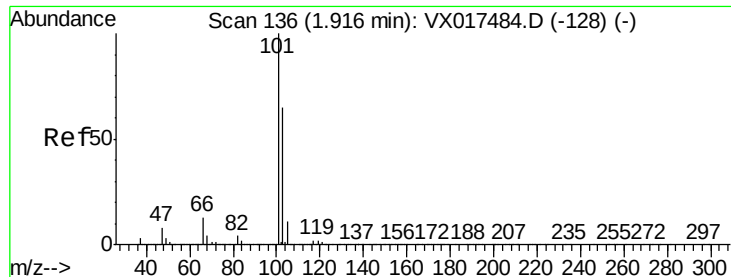
66 32.9 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



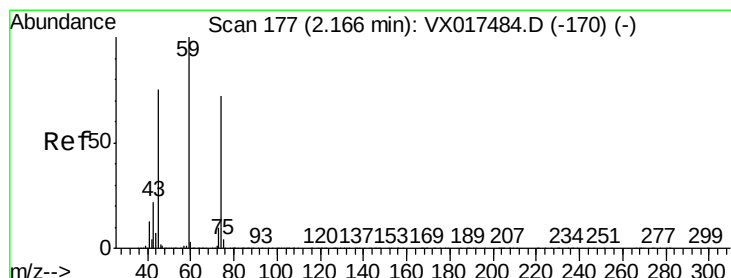
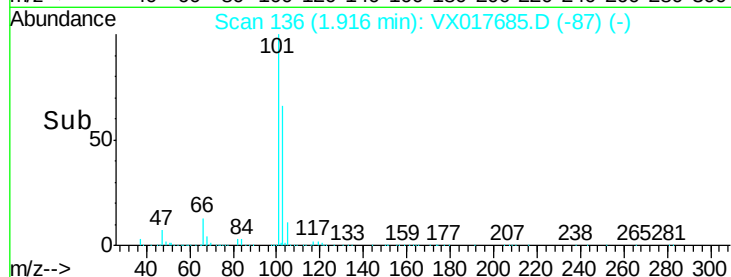
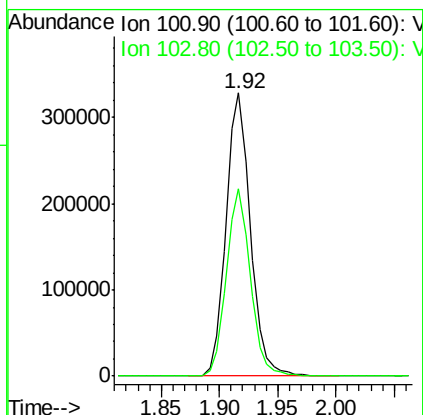
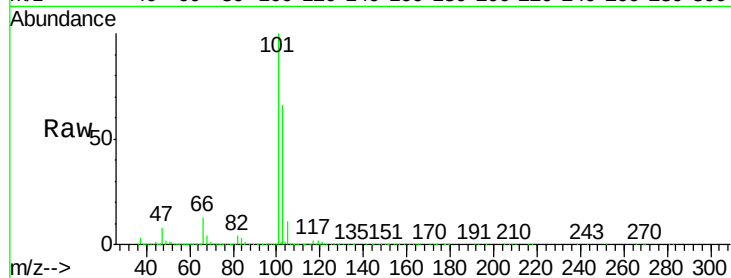


#7

Trichlorofluoromethane
Concen: 40.679 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

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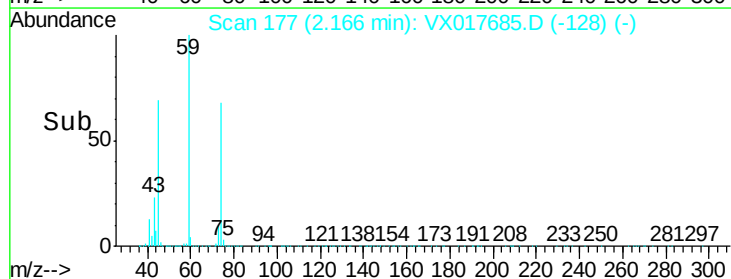
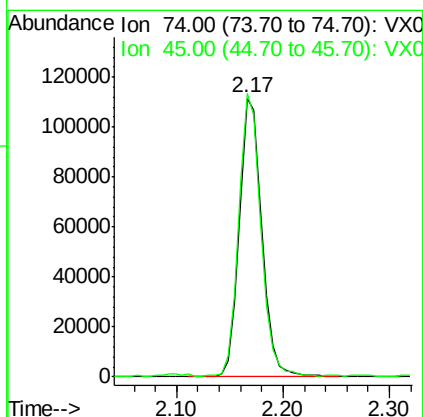
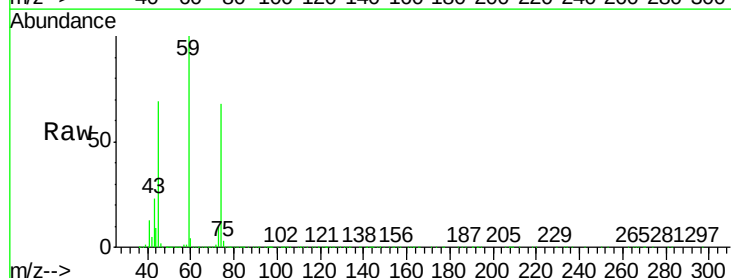
Tot Ion:101 Resp: 475256
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.8

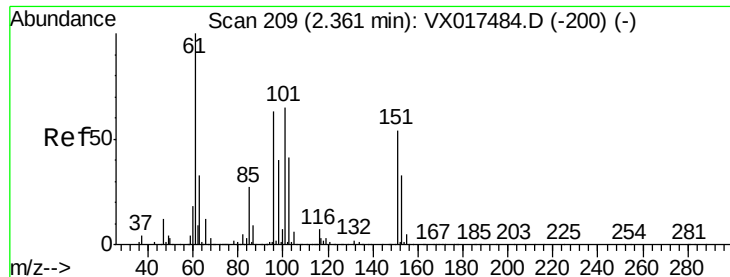


#8

Diethyl Ether
Concen: 43.538 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion: 74 Resp: 165574
Ion Ratio Lower Upper
74 100
45 99.7 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.421 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampled :

PK-10DMS

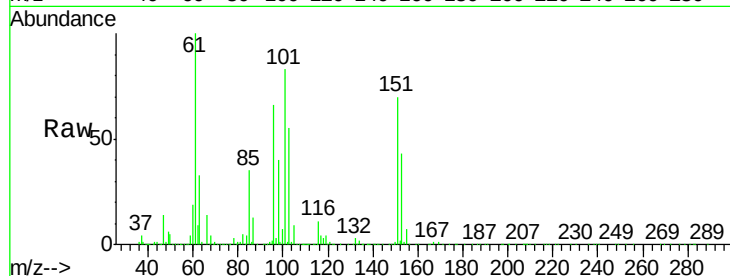
Tot Ion:101 Resp: 252736

Ion Ratio Lower Upper

101 100

85 44.9 34.8 52.2

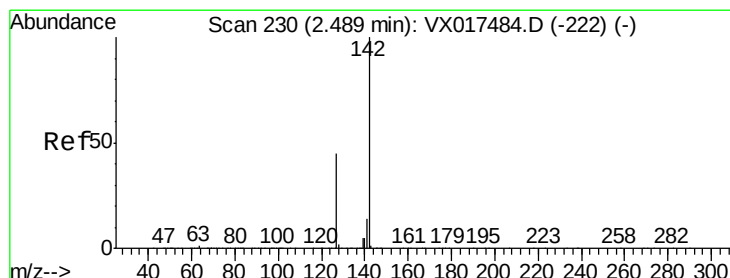
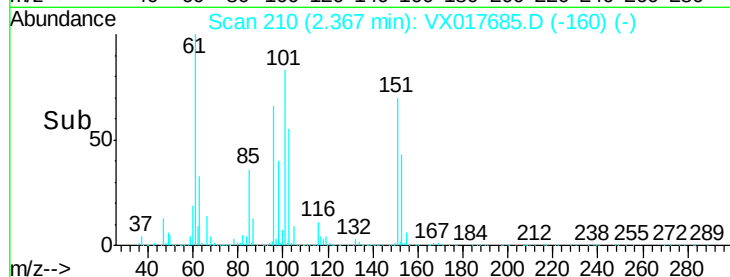
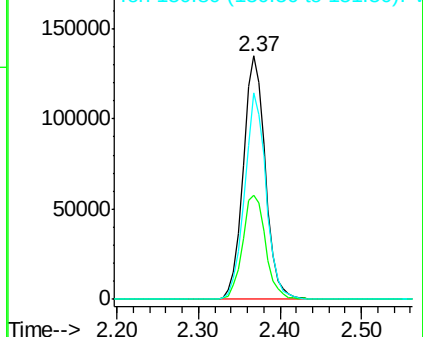
151 82.7 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 35.735 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

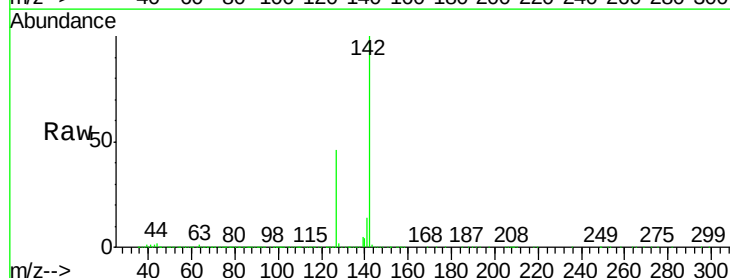
Tgt Ion:142 Resp: 293108

Ion Ratio Lower Upper

142 100

127 47.4 35.9 53.9

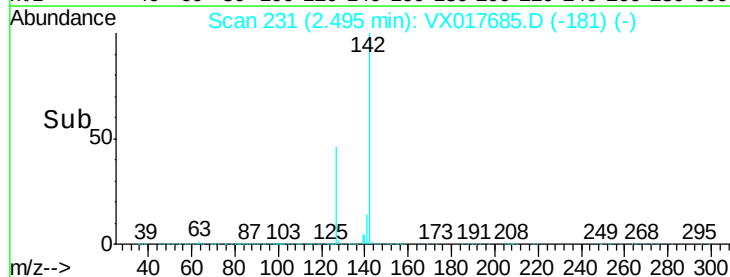
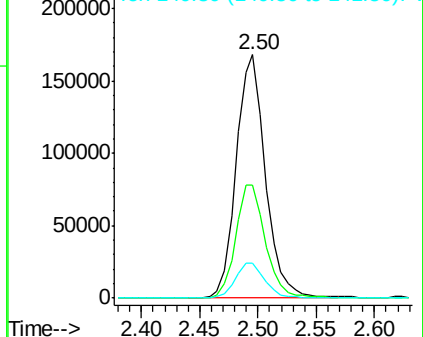
141 14.6 11.4 17.0

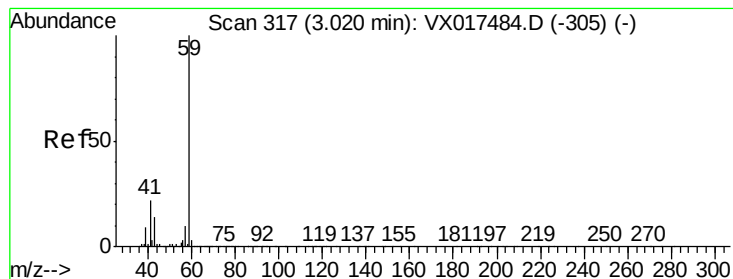


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



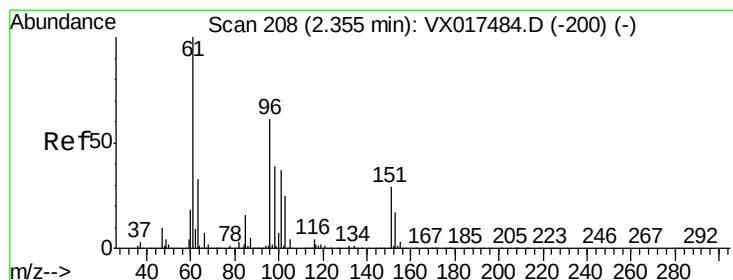
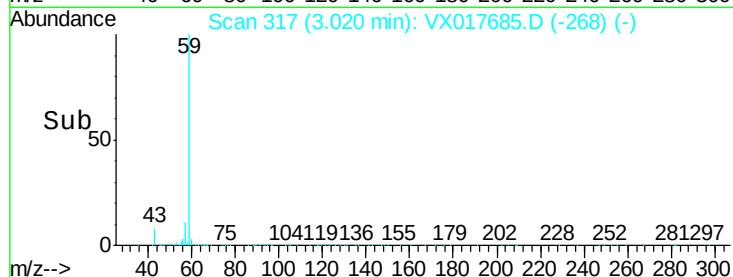
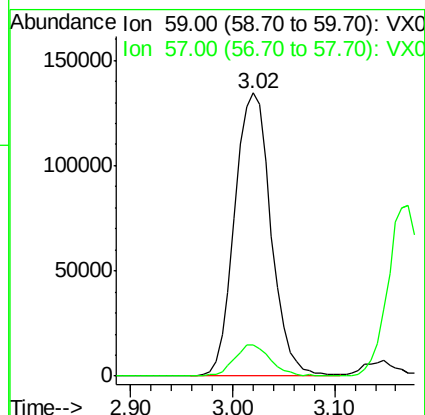
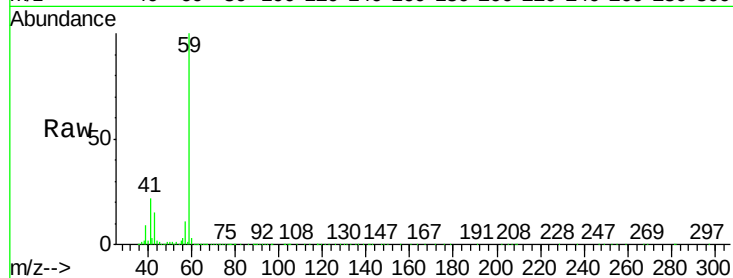


#11

Tert butyl alcohol
Concen: 207.613 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampled :
PK-10DMS

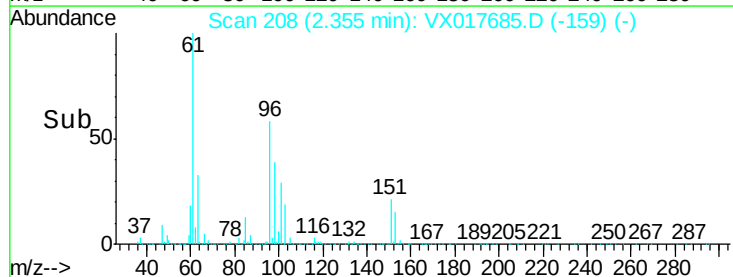
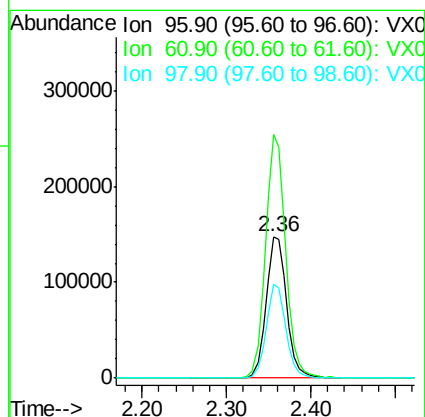
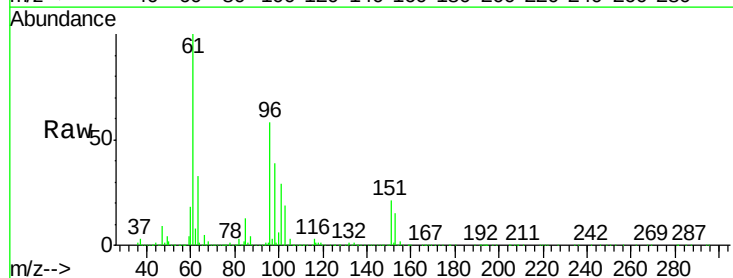
Tot Ion: 59 Resp: 331767
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8

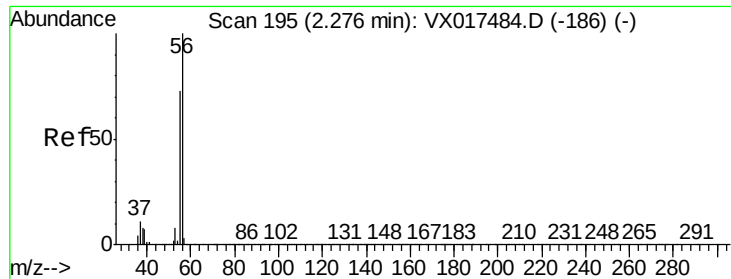


#12

1,1-Dichloroethene
Concen: 40.495 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion: 96 Resp: 246888
Ion Ratio Lower Upper
96 100
61 172.0 134.0 201.0
98 66.6 51.0 76.4





#13

Acrolein

Concen: 233.226 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

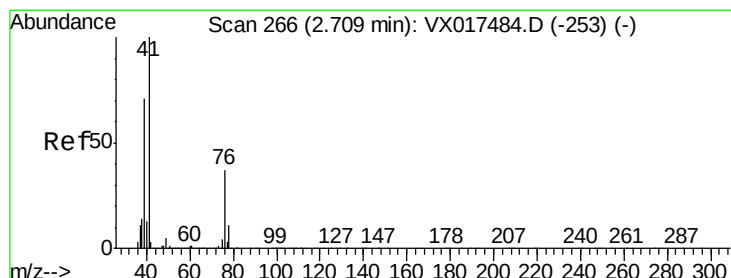
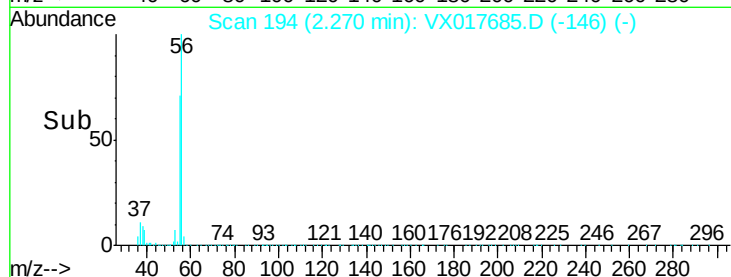
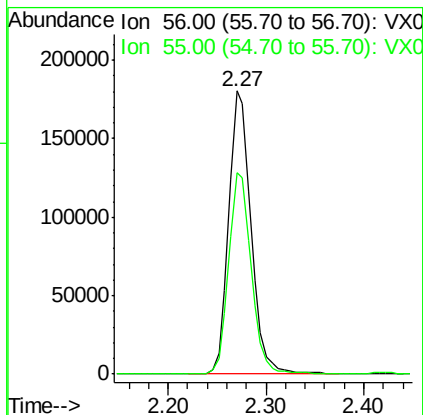
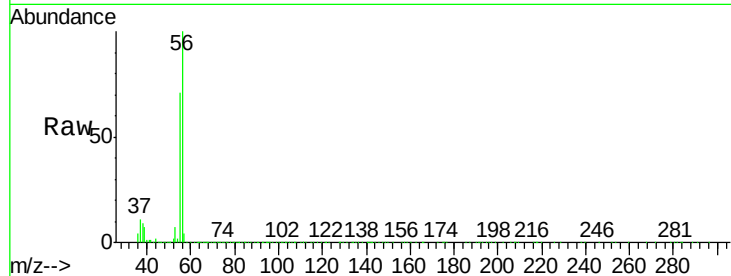
PK-10DMS

Tot Ion: 56 Resp: 284204

Ion Ratio Lower Upper

56 100

55 71.5 57.4 86.2



#14

Allyl chloride

Concen: 42.784 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

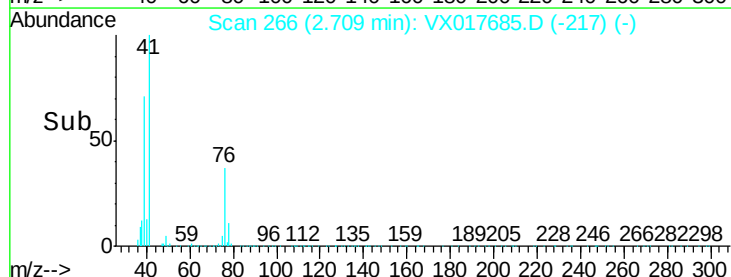
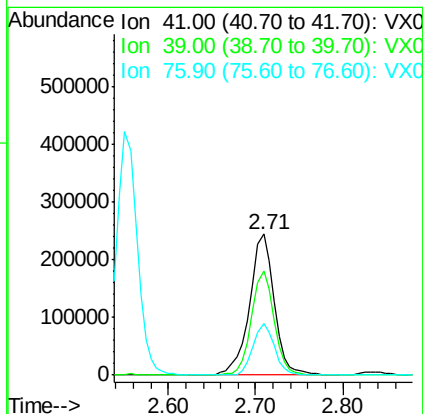
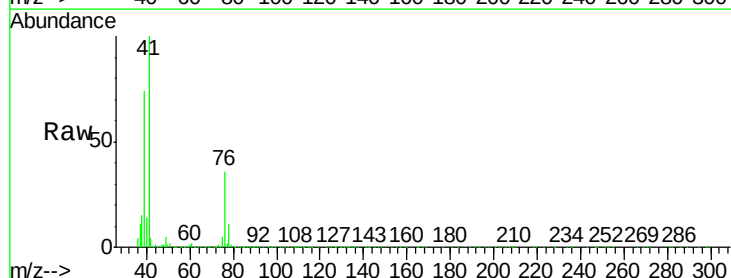
Tgt Ion: 41 Resp: 476295

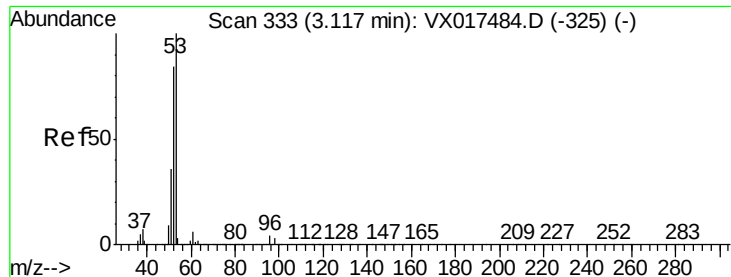
Ion Ratio Lower Upper

41 100

39 67.7 51.9 77.9

76 31.4 25.5 38.3





#15

Acrylonitrile

Concen: 211.702 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

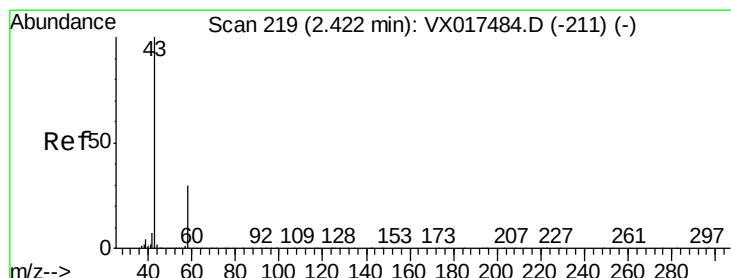
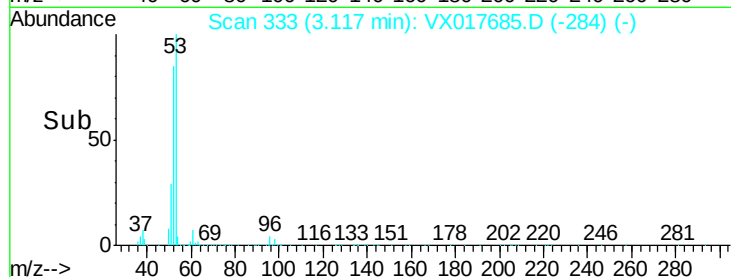
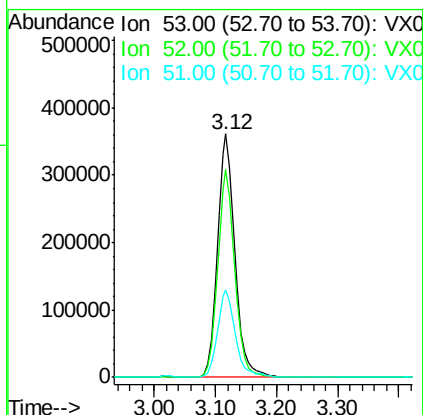
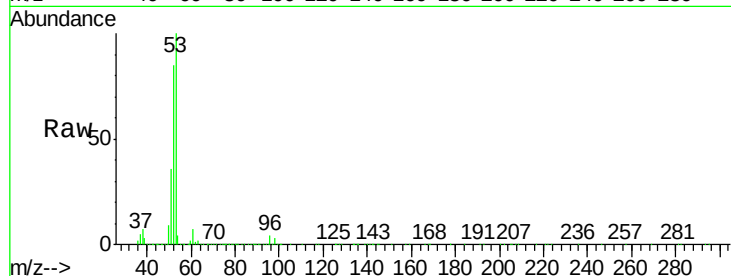
Tot Ion: 53 Resp: 730691

Ion Ratio Lower Upper

53 100

52 83.7 66.6 99.8

51 36.6 29.4 44.2



#16

Acetone

Concen: 209.778 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017685.D

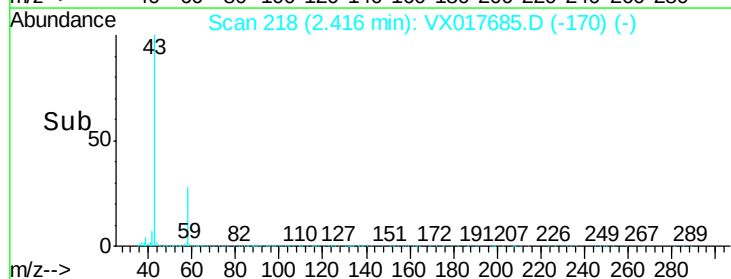
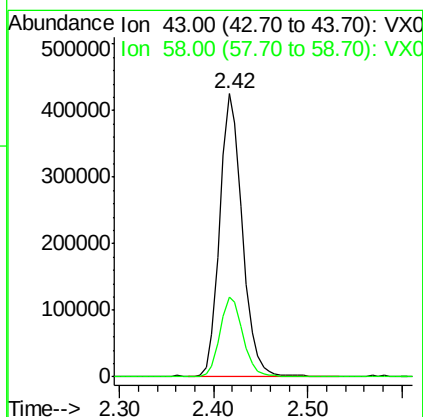
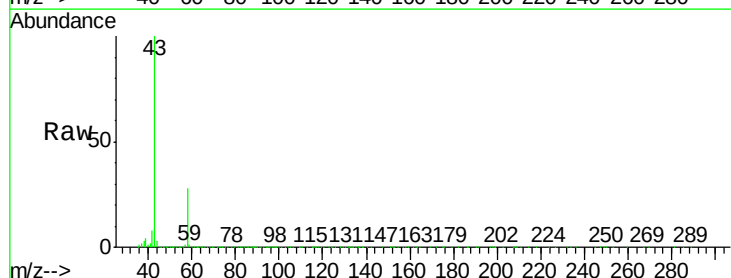
Acq: 30 Jul 2020 16:42

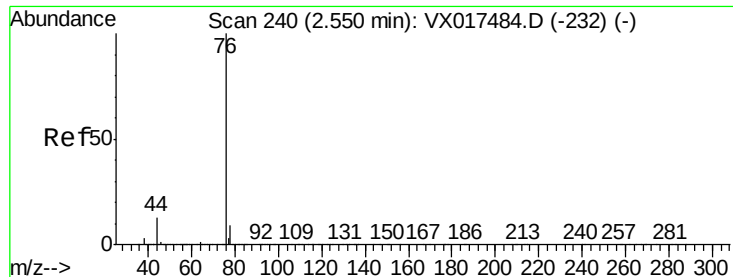
Tgt Ion: 43 Resp: 700066

Ion Ratio Lower Upper

43 100

58 28.1 24.2 36.4





#17

Carbon Disulfide

Concen: 36.993 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

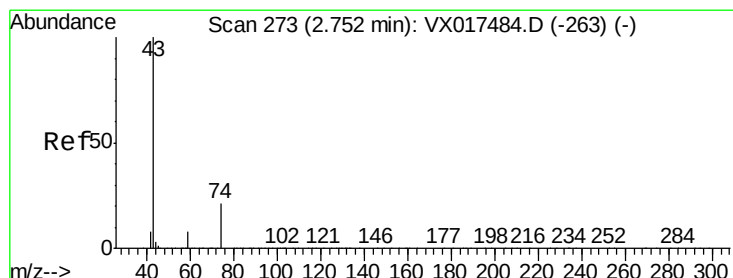
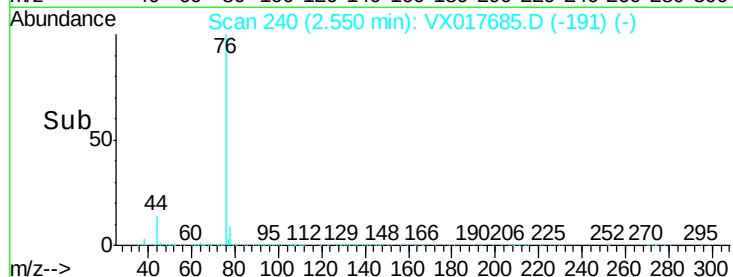
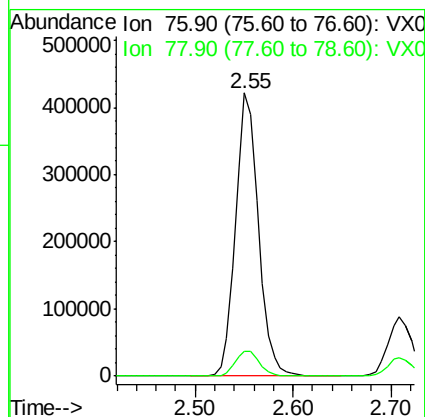
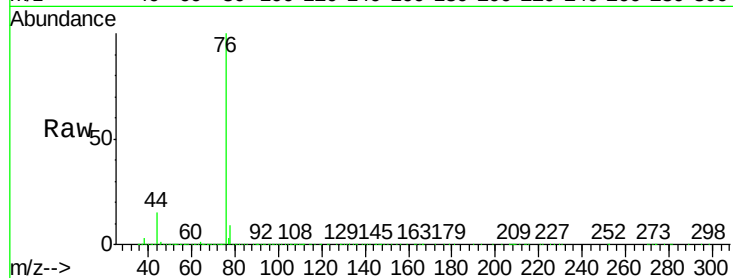
PK-10DMS

Tot Ion: 76 Resp: 685524

Ion Ratio Lower Upper

76 100

78 8.5 7.5 11.3



#18

Methyl Acetate

Concen: 43.971 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017685.D

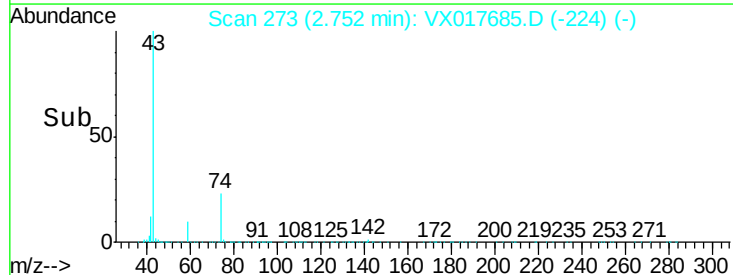
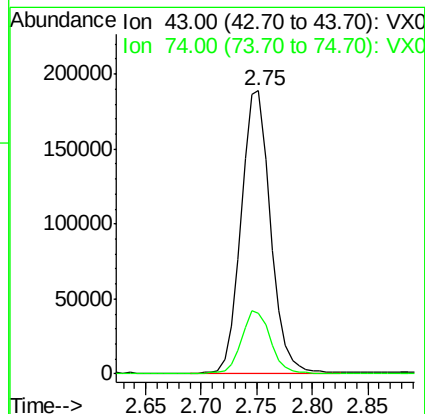
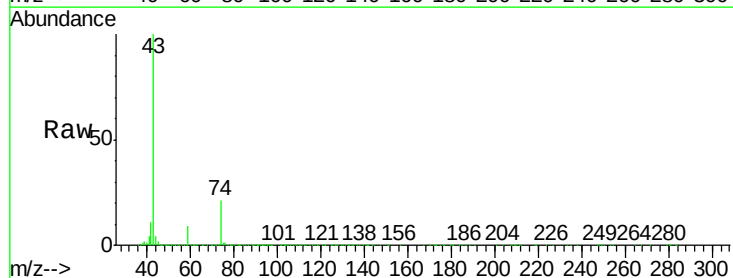
Acq: 30 Jul 2020 16:42

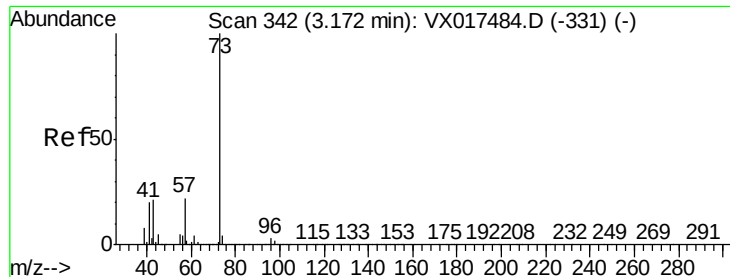
Tgt Ion: 43 Resp: 345590

Ion Ratio Lower Upper

43 100

74 22.3 17.5 26.3

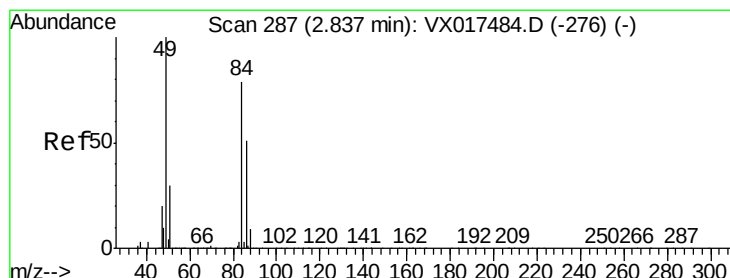
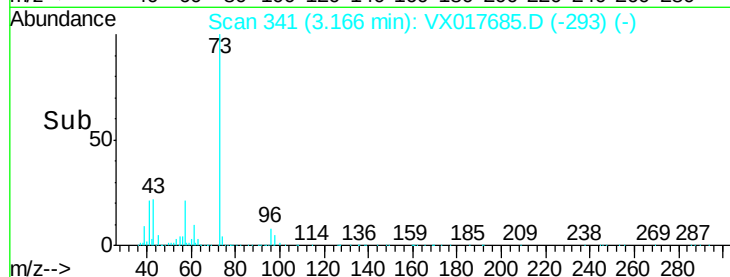
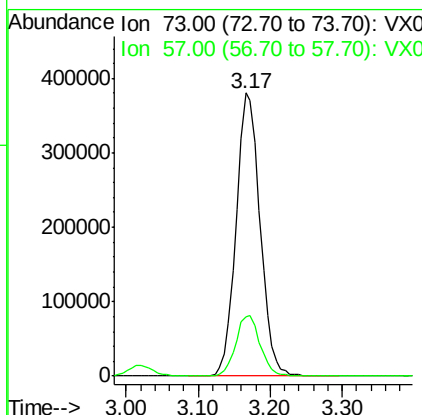
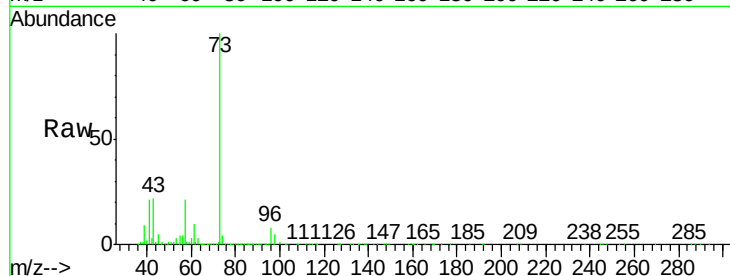




#19
Methyl tert-butyl Ether
Concen: 41.578 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

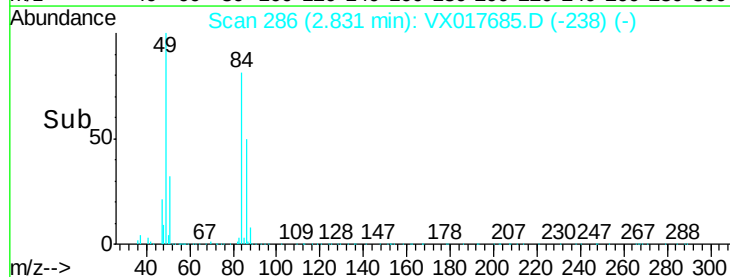
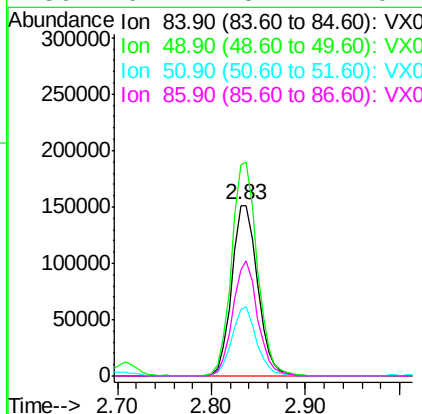
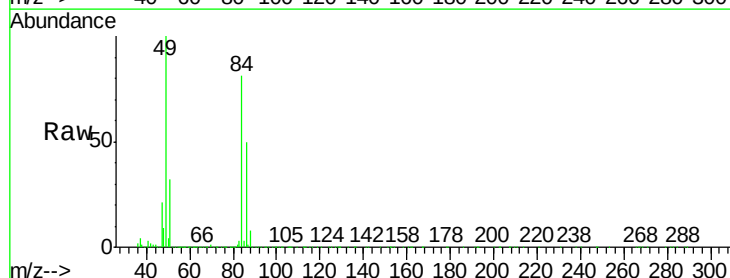
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

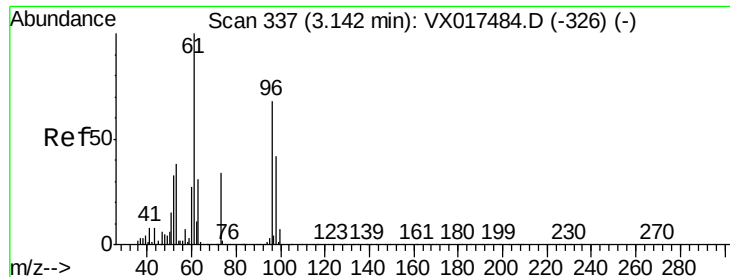
Tot Ion: 73 Resp: 877386
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.4



#20
Methylene Chloride
Concen: 46.097 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion: 84 Resp: 290358
Ion Ratio Lower Upper
84 100
49 123.3 100.3 150.5
51 39.1 30.5 45.7
86 62.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 40.868 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

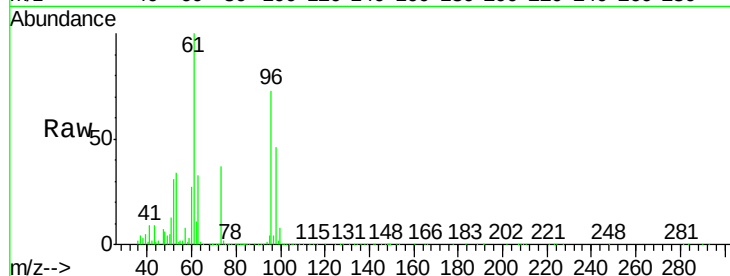
Tot Ion: 96 Resp: 266927

Ion Ratio Lower Upper

96 100

61 137.8 113.0 169.4

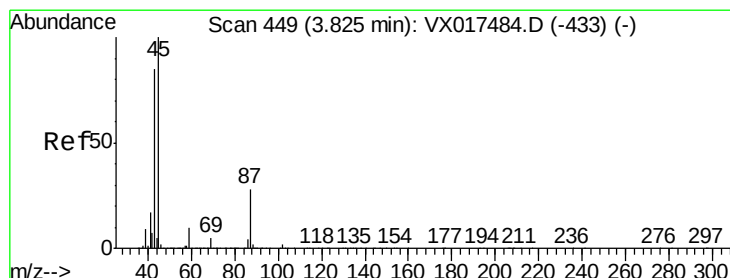
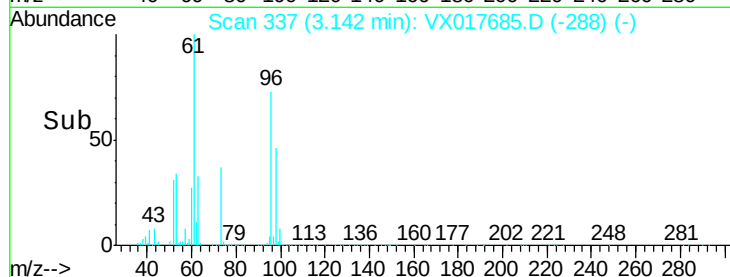
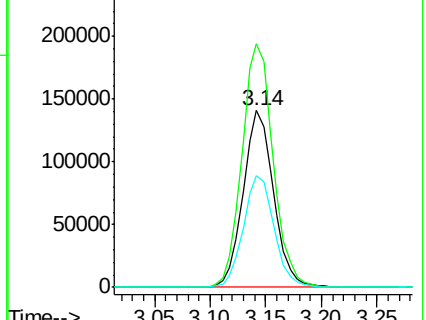
98 63.3 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 42.414 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Tgt Ion: 45 Resp: 863363

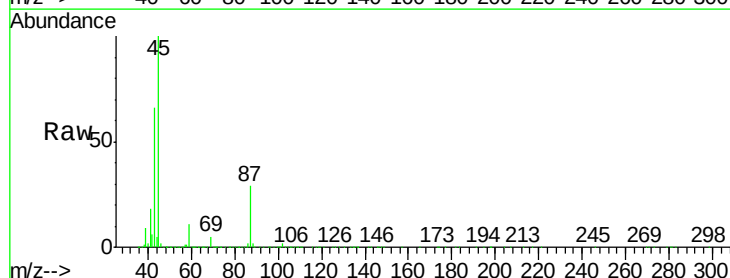
Ion Ratio Lower Upper

45 100

43 66.0 52.0 78.0

87 29.4 22.2 33.4

59 10.9 8.9 13.3

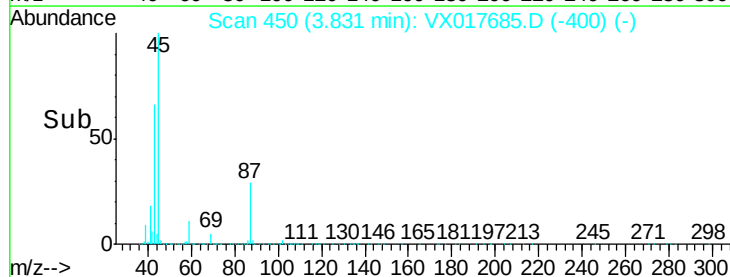
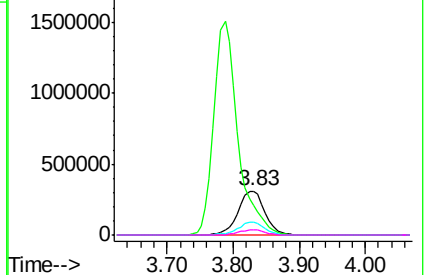


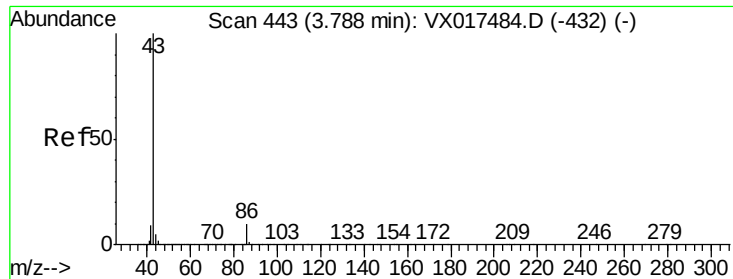
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 210.316 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

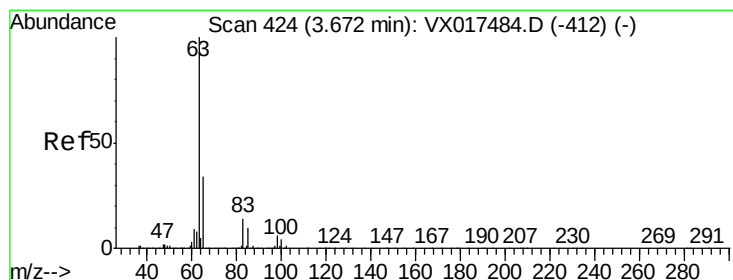
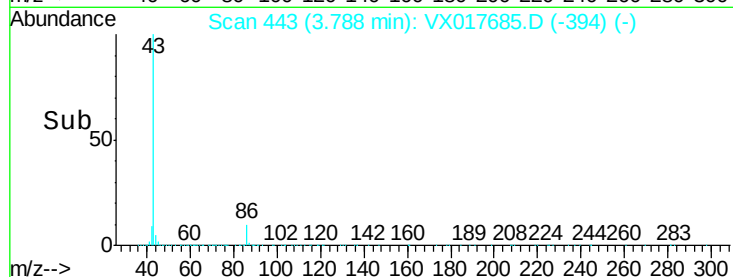
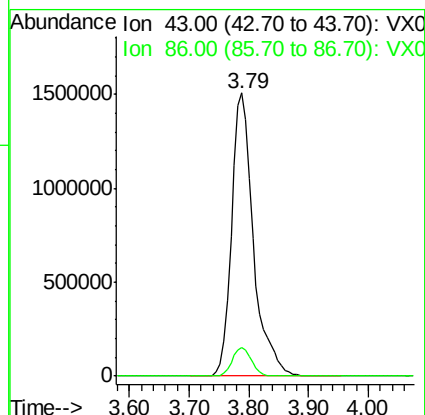
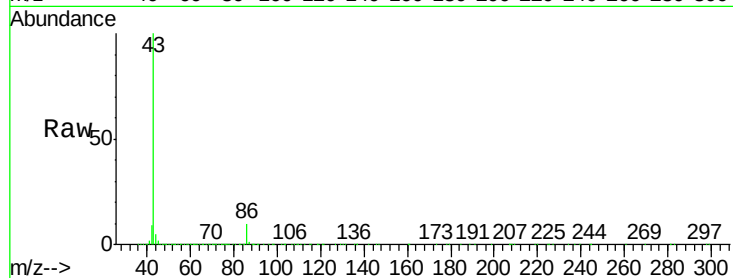
PK-10DMS

Tot Ion: 43 Resp: 3817105

Ion Ratio Lower Upper

43 100

86 10.2 8.2 12.4



#24

1,1-Dichloroethane

Concen: 42.359 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

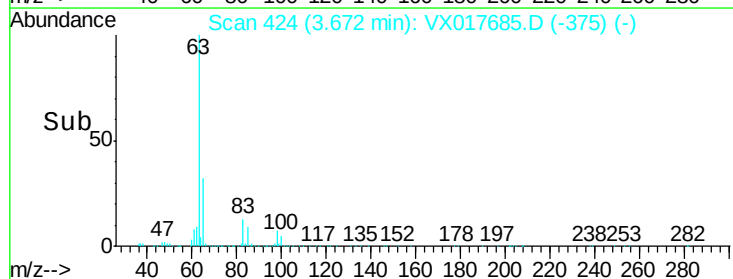
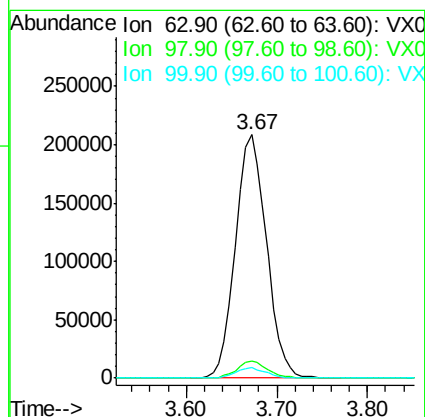
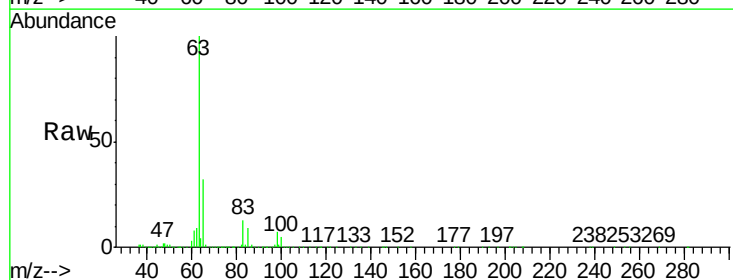
Tgt Ion: 63 Resp: 496693

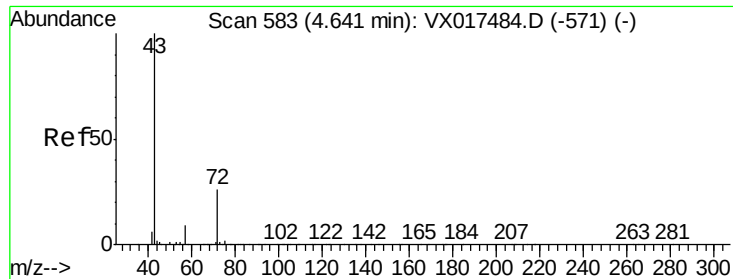
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.6 1.9 5.7

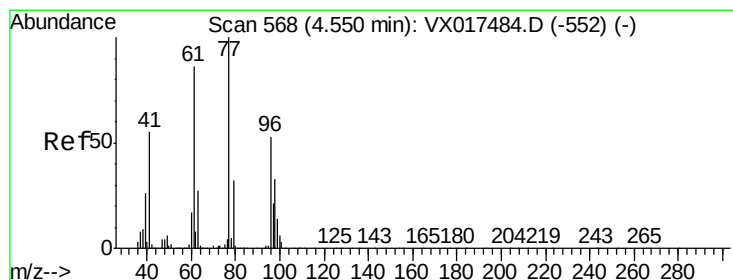
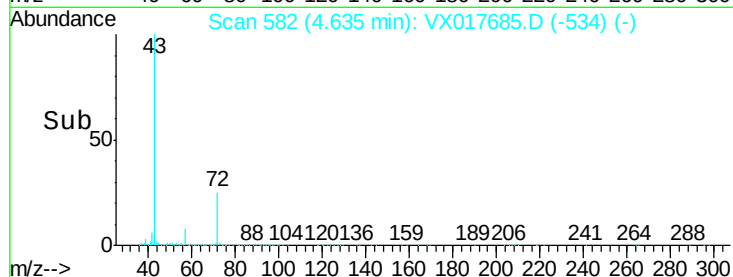
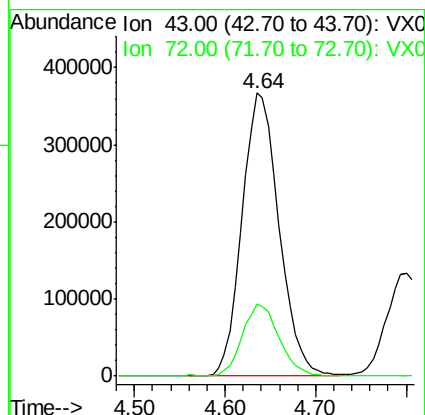
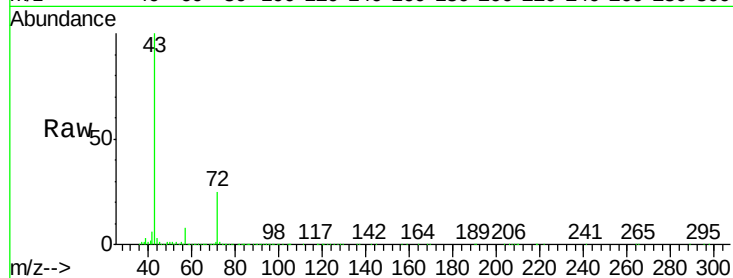




#25
2-Butanone
Concen: 218.775 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

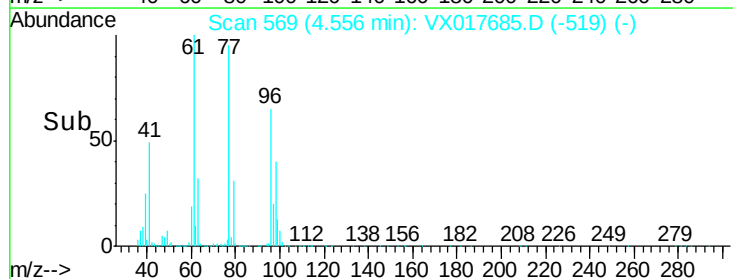
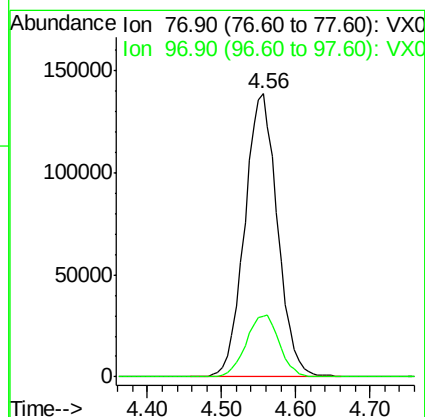
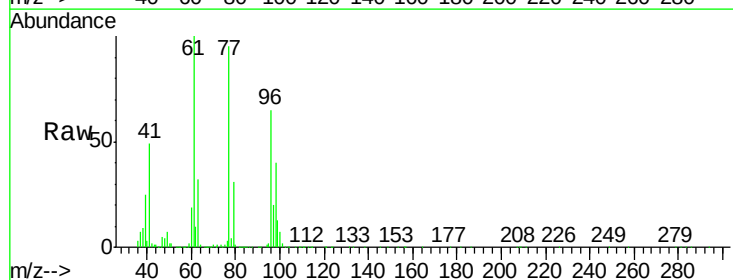
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

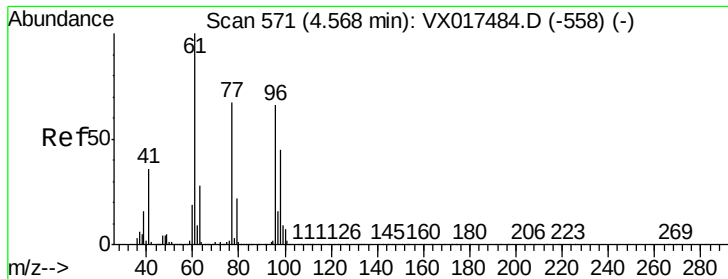
Tot Ion: 43 Resp: 1037171
Ion Ratio Lower Upper
43 100
72 25.2 19.0 28.4



#26
2,2-Dichloropropane
Concen: 40.668 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion: 77 Resp: 426858
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9



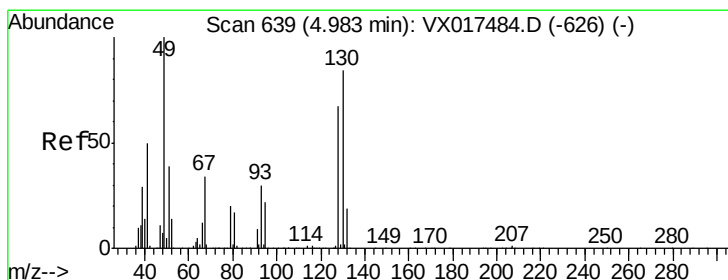
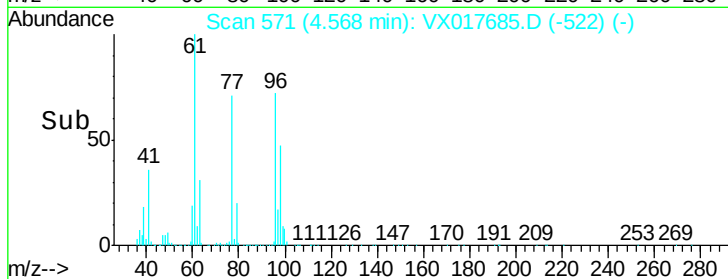
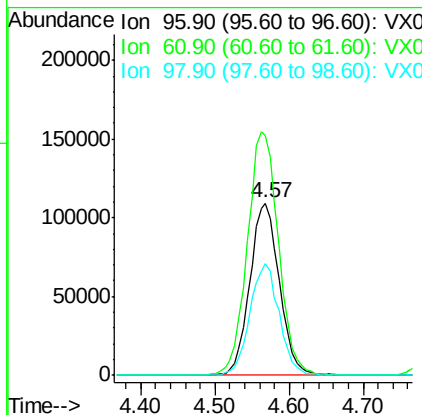
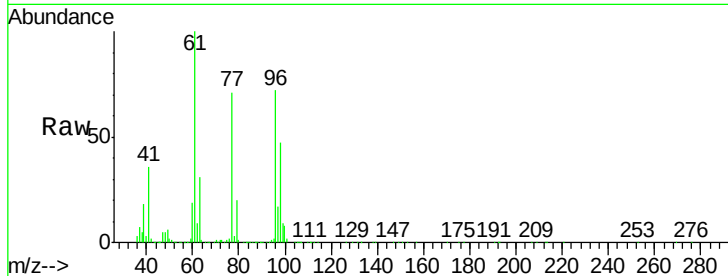


#27

cis-1,2-Dichloroethene
Concen: 42.885 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

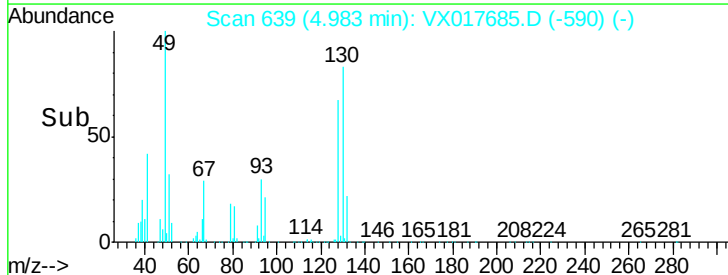
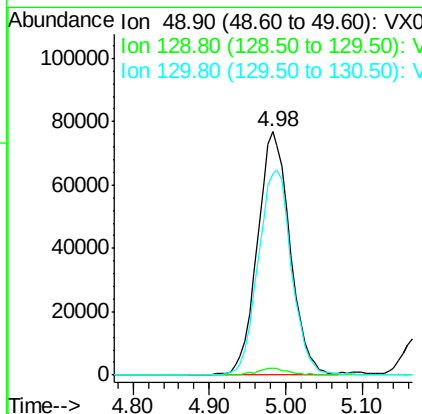
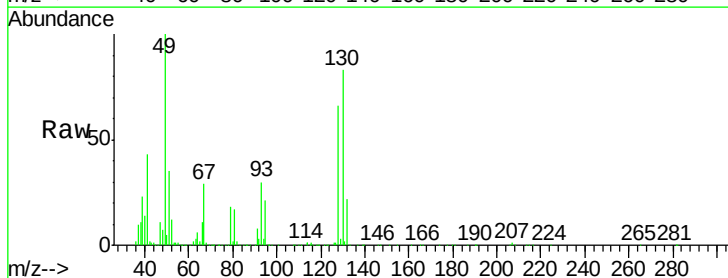
Tot Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	301.2
98	64.0	0.0	130.0

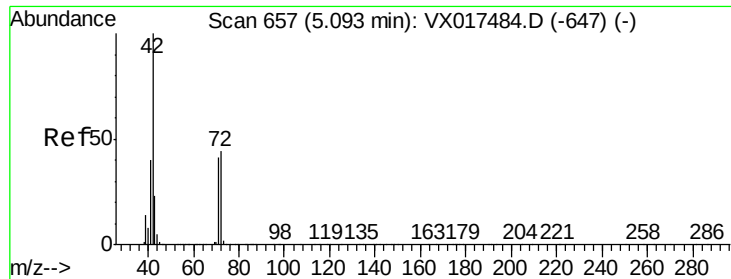


#28

Bromochloromethane
Concen: 42.803 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	86.3	66.7	100.1





#29

Tetrahydrofuran

Concen: 223.655 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

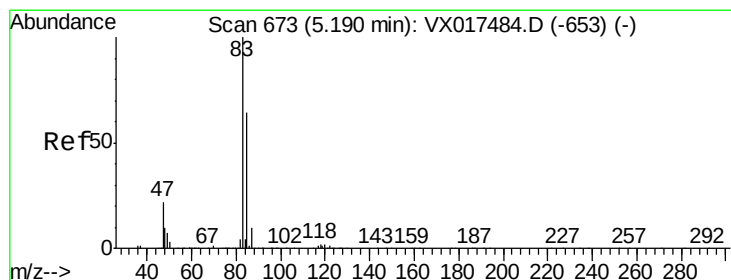
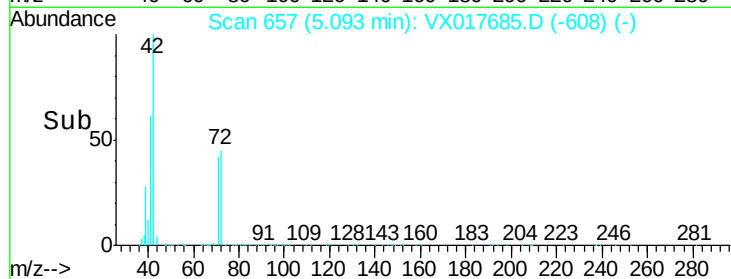
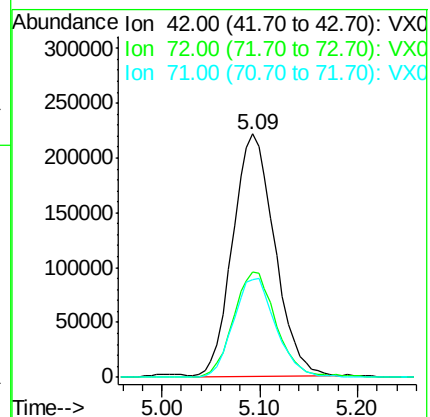
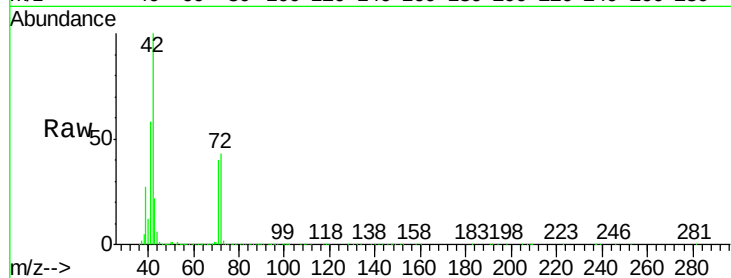
Tot Ion: 42 Resp: 656782

Ion Ratio Lower Upper

42 100

72 44.5 35.5 53.3

71 41.5 33.0 49.4



#30

Chloroform

Concen: 50.759 ug/l

RT: 5.18 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX017685.D

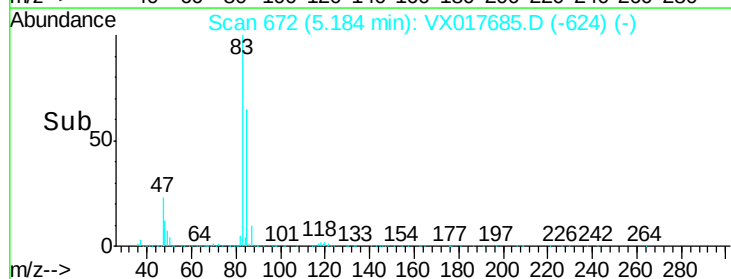
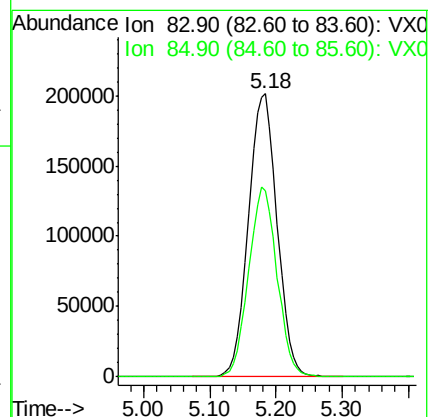
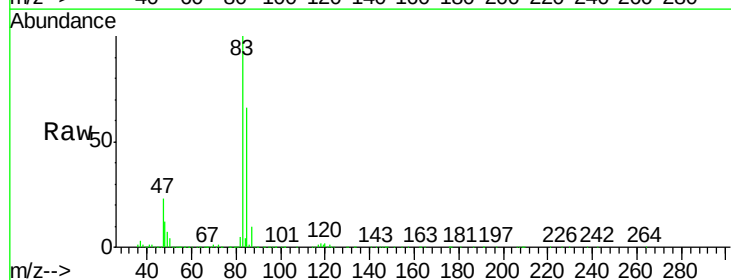
Acq: 30 Jul 2020 16:42

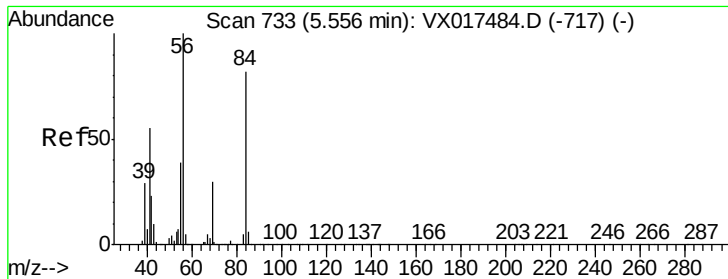
Tgt Ion: 83 Resp: 608163

Ion Ratio Lower Upper

83 100

85 65.8 51.4 77.2

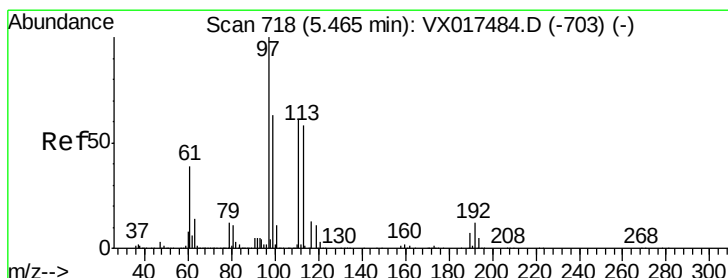
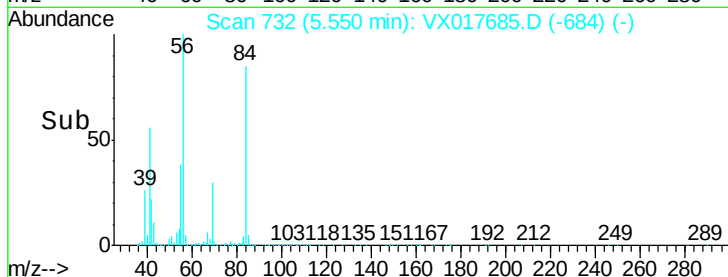
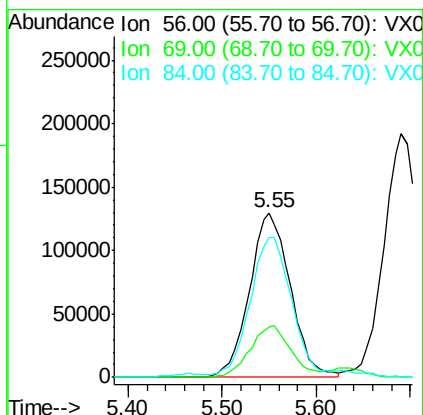
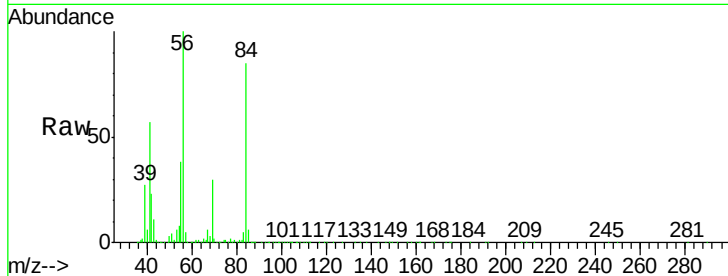




#31
Cyclohexane
Concen: 42.147 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

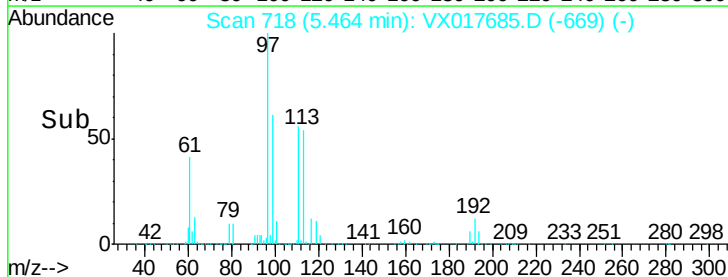
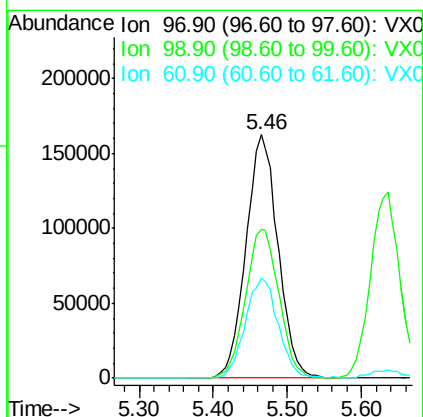
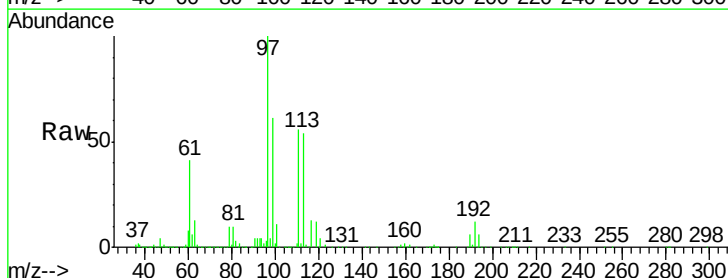
Instrument :
MSVOA_X
ClientSampled :
PK-10DMS

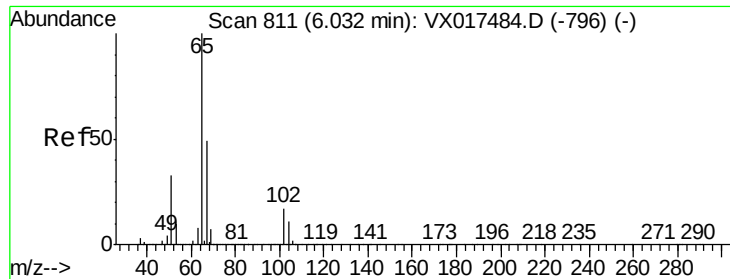
Tot Ion: 56 Resp: 394111
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.4
84 82.6 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 43.389 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion: 97 Resp: 490215
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 42.1 34.1 51.1

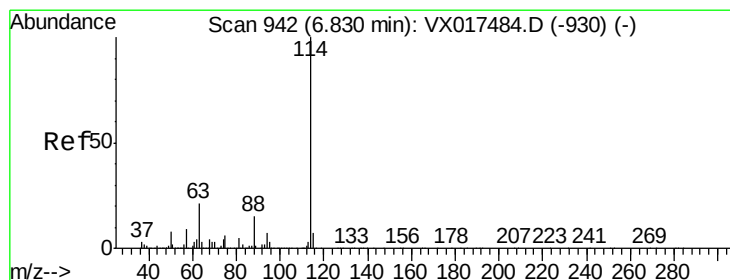
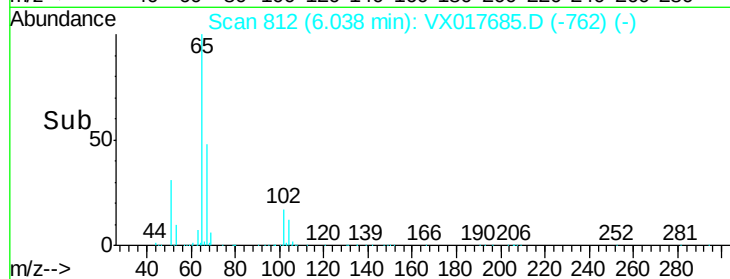
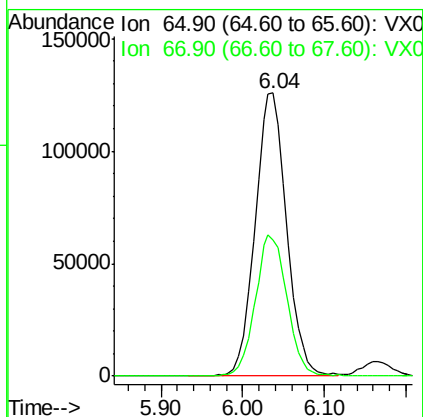
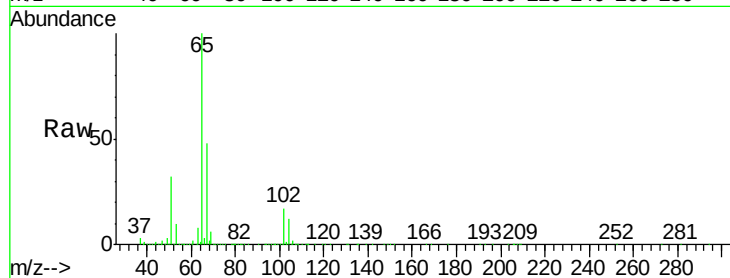




#33
 1,2-Dichloroethane-d4
 Concen: 44.510 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

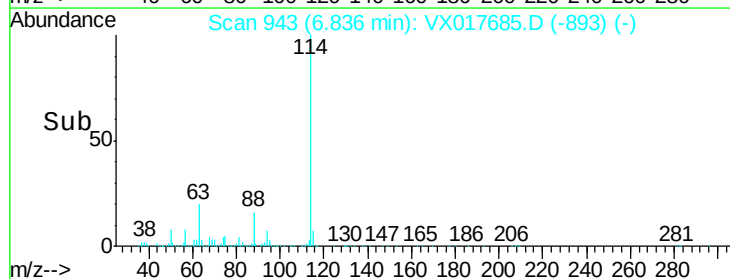
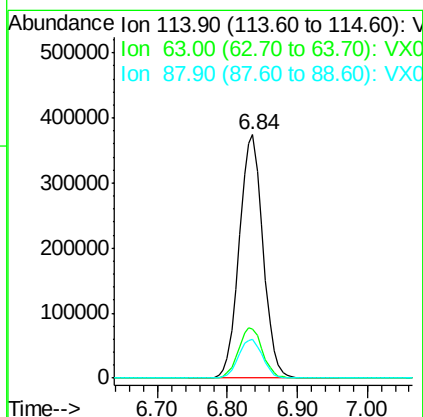
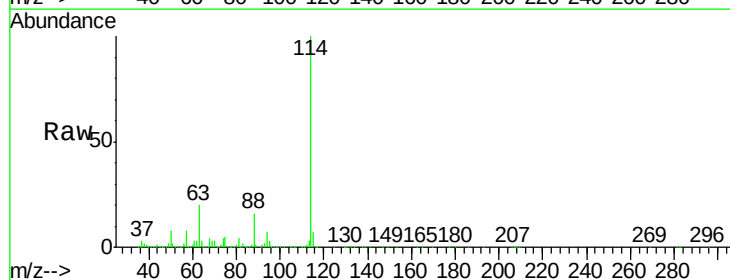
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

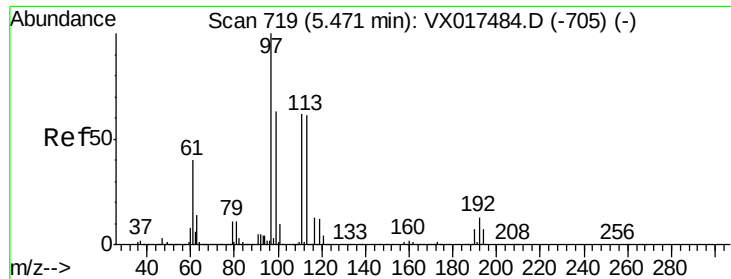
Tot Ion: 65 Resp: 337479
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Tgt Ion: 114 Resp: 879756
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.6 0.0 33.4

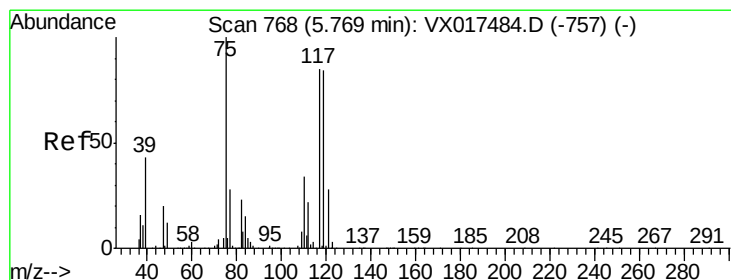
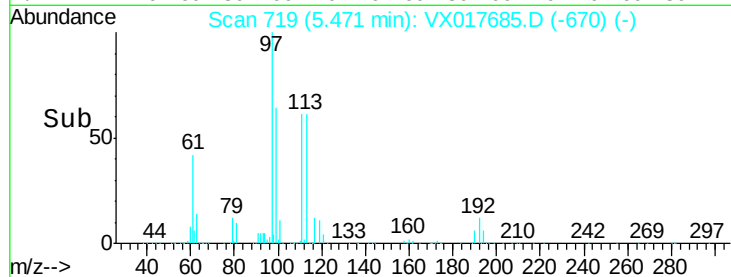
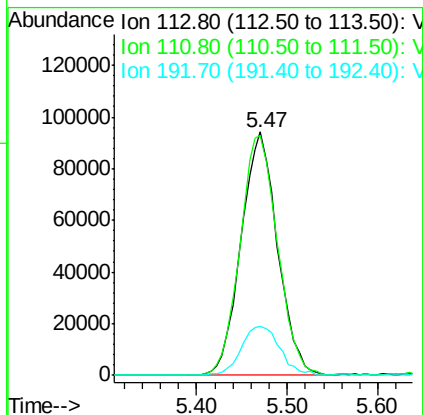
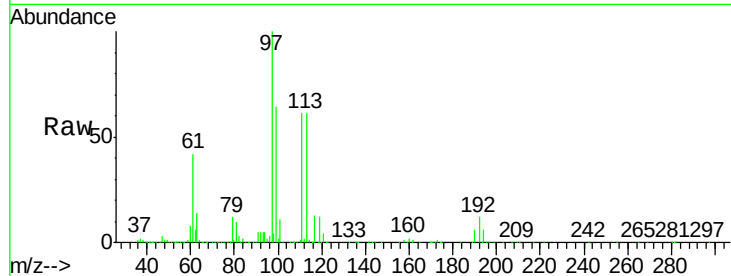




#35
 Dibromofluoromethane
 Concen: 44.510 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

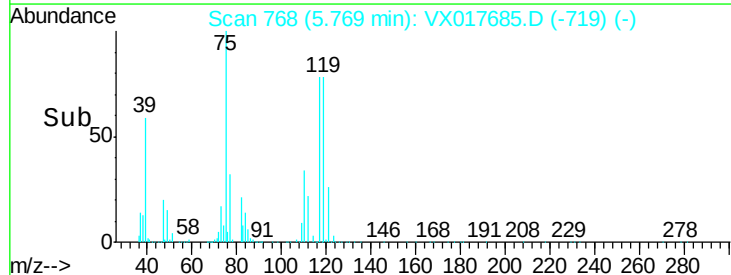
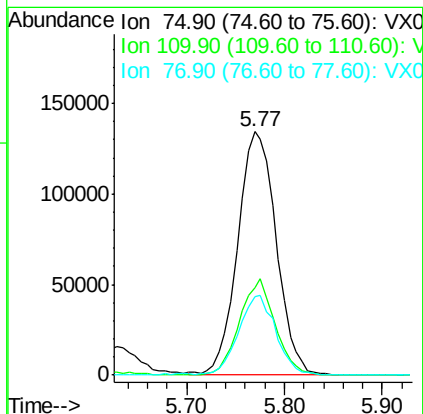
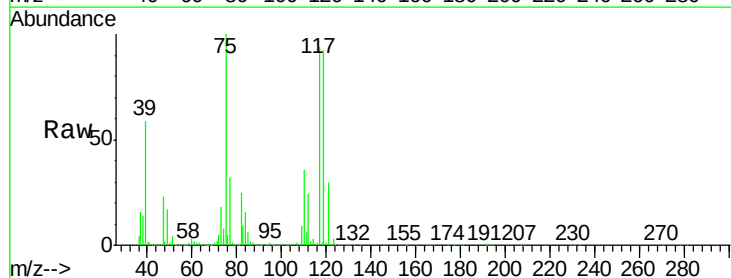
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

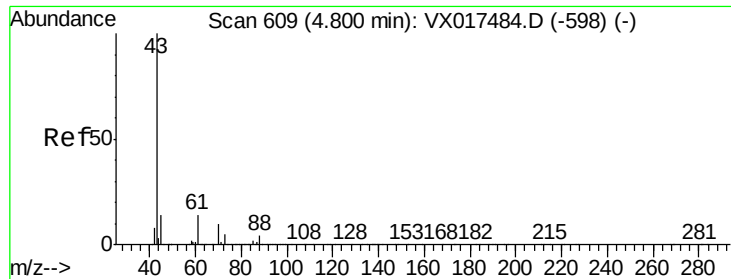
Tot Ion:113 Resp: 261889
 Ion Ratio Lower Upper
 113 100
 111 101.5 80.7 121.1
 192 21.5 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 43.351 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Tgt Ion: 75 Resp: 365780
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.1 54.3
 77 31.7 24.6 37.0

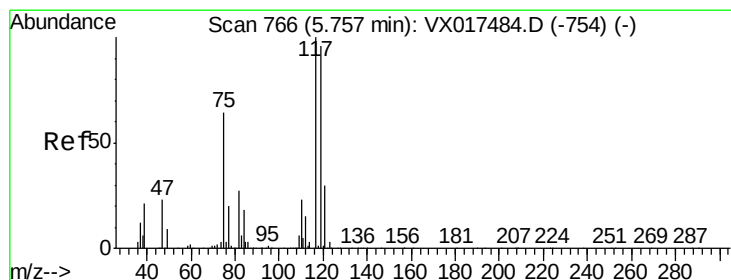
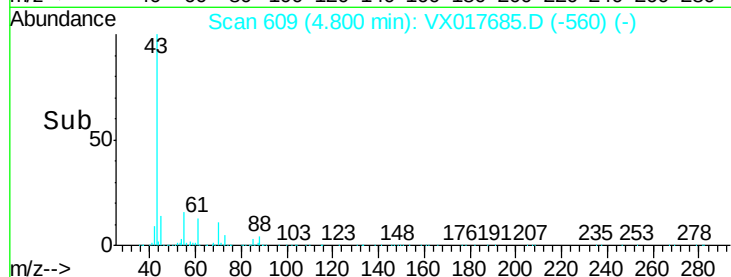
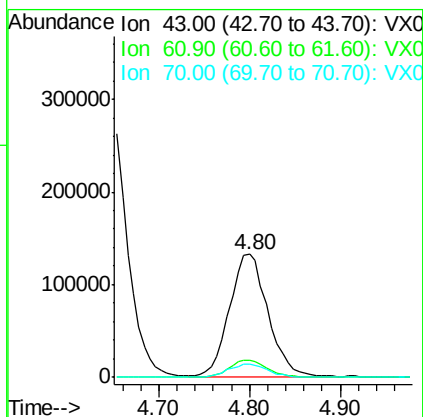
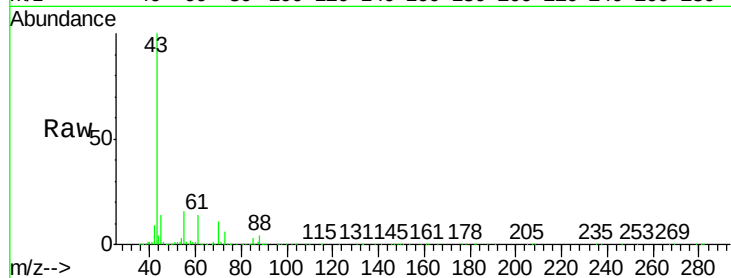




#37
Ethyl Acetate
Concen: 42.268 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

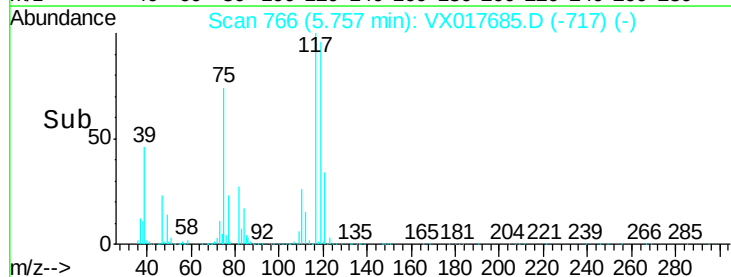
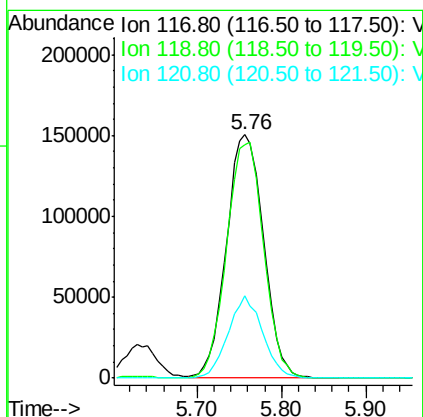
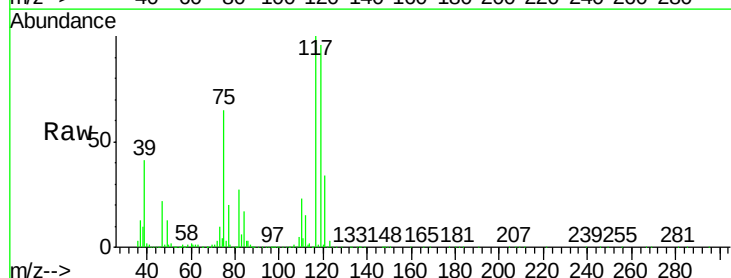
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

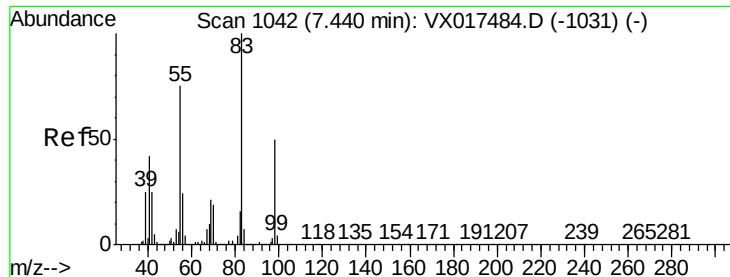
Tot Ion:	43	Resp:	390222
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.7	16.1
70	11.2	8.5	12.7



#38
Carbon Tetrachloride
Concen: 43.935 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion:	117	Resp:	450172
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.4	113.0
121	33.6	24.3	36.5

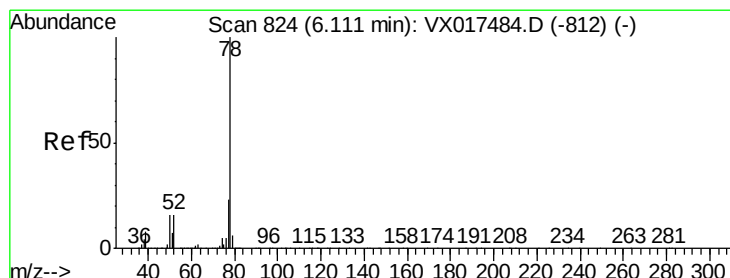
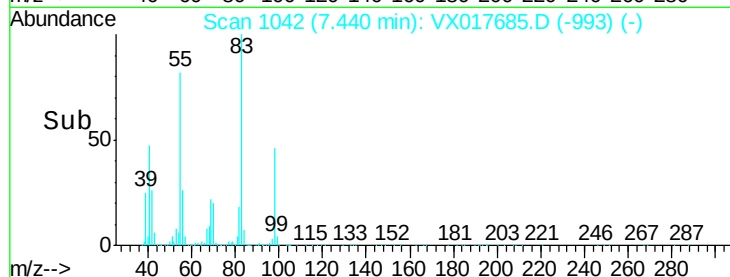
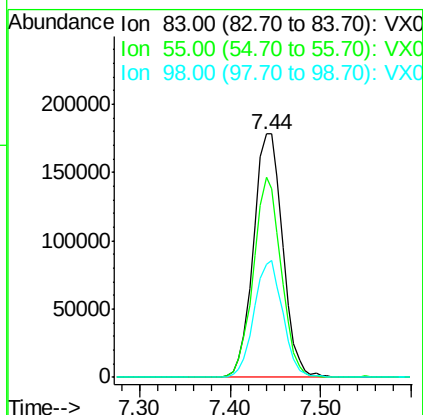
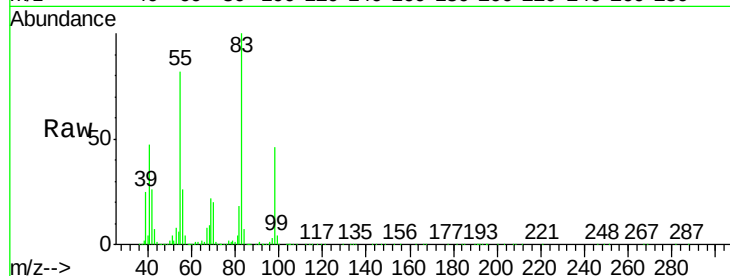




#39
Methylvlcyclohexane
Concen: 40.450 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

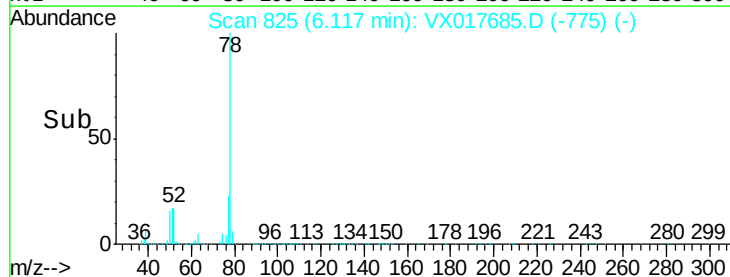
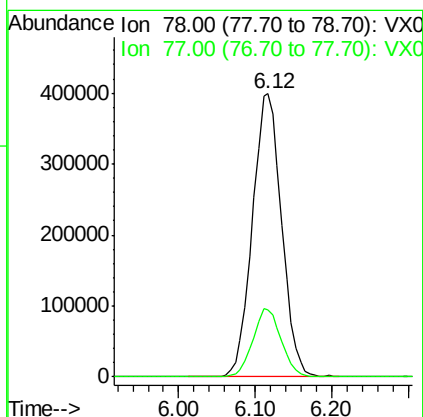
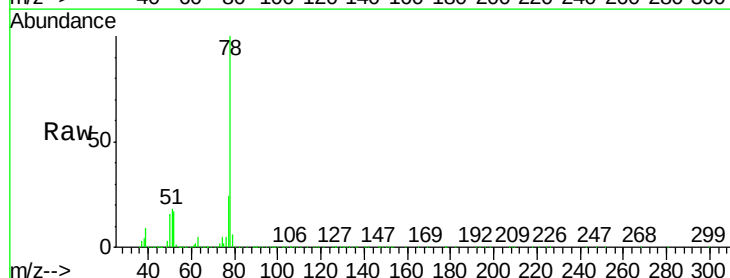
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

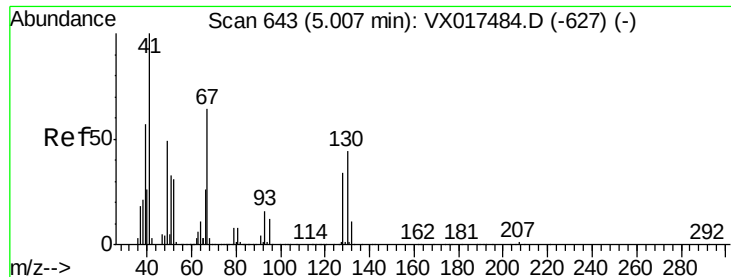
Tot Ion	83.00	Resp	398426
Ion	Ratio	Lower	Upper
83	100		
55	82.2	61.8	92.8
98	46.4	36.9	55.3



#40
Benzene
Concen: 43.835 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion	78.00	Resp	1060380
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.2

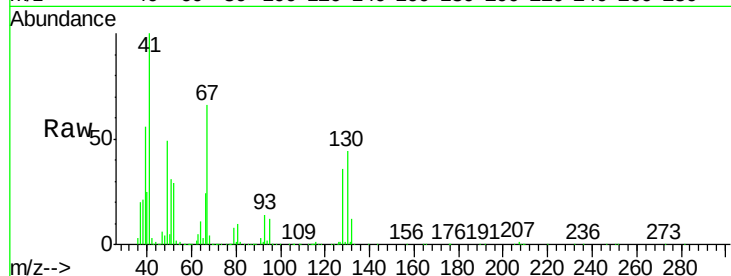




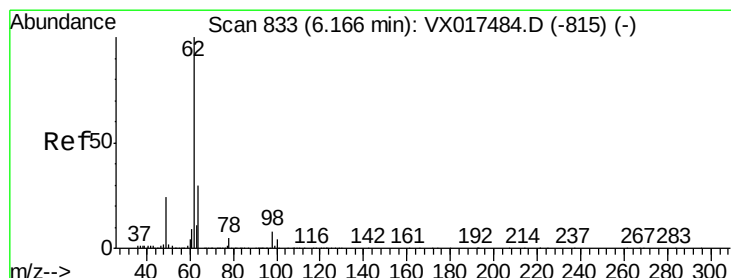
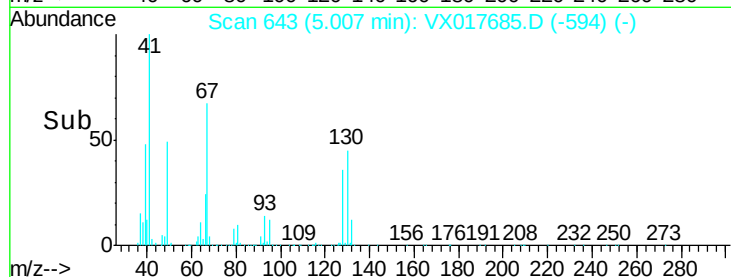
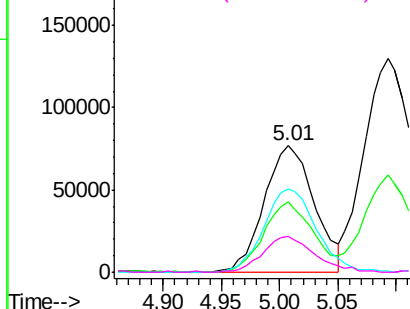
#41
Methacrylonitrile
Concen: 43.238 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

Tot Ion:	41	Resp:	228807
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.9	65.9
67	68.8	54.0	81.0
52	28.6	23.0	34.6

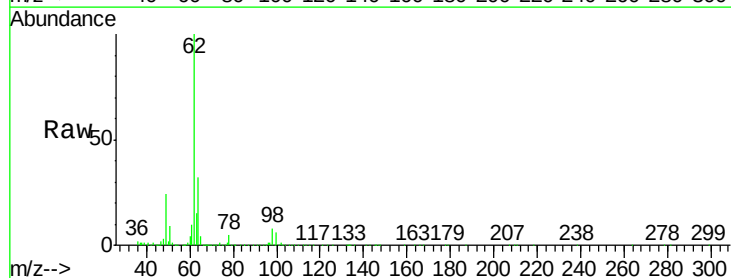


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

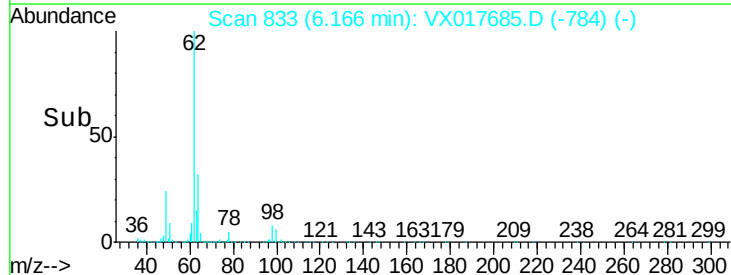
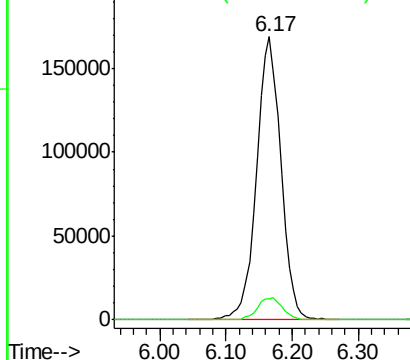


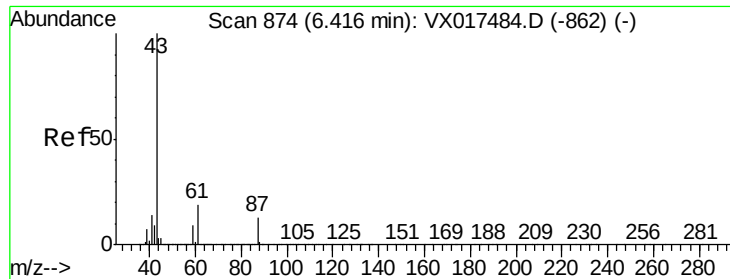
#42
1,2-Dichloroethane
Concen: 43.695 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion:	62	Resp:	432427
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 42.285 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

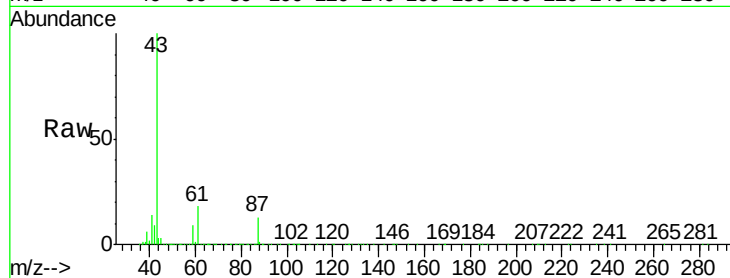
Tot Ion: 43 Resp: 644099

Ion Ratio Lower Upper

43 100

61 19.4 15.5 23.3

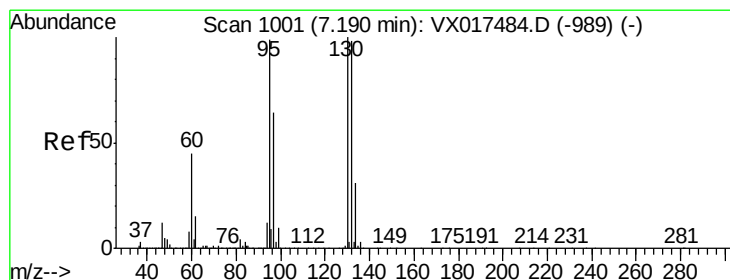
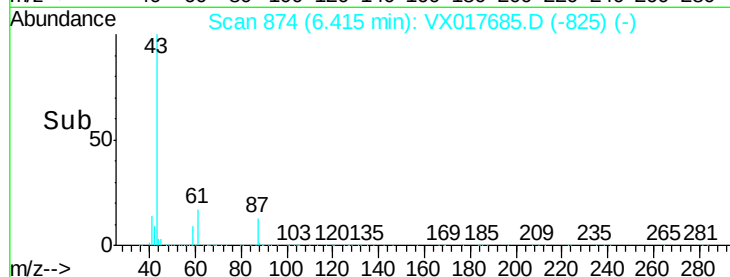
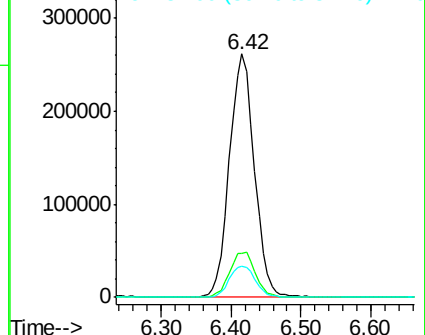
87 13.6 10.5 15.7



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: 45.267 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017685.D

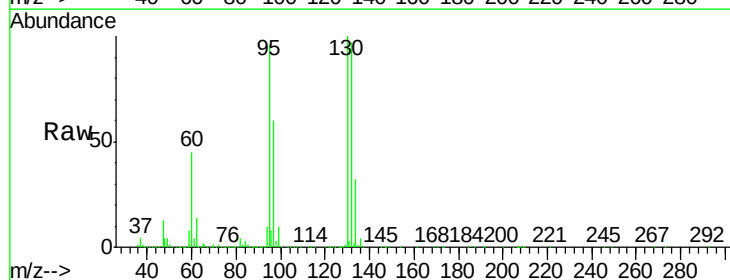
Acq: 30 Jul 2020 16:42

Tgt Ion:130 Resp: 320015

Ion Ratio Lower Upper

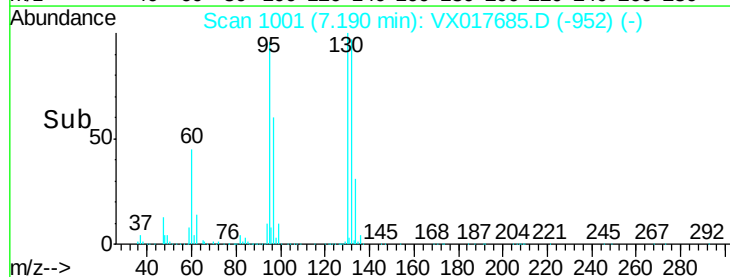
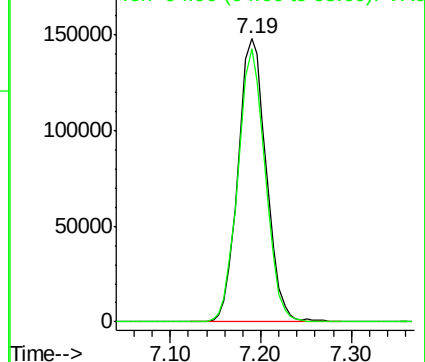
130 100

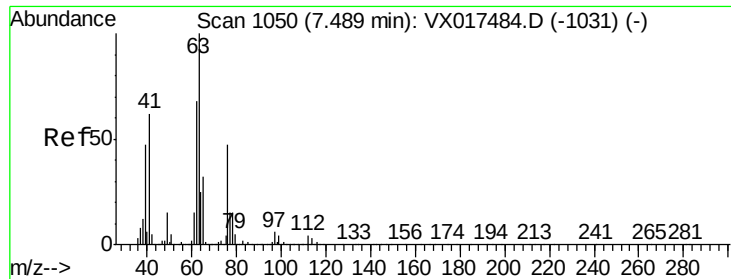
95 96.5 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

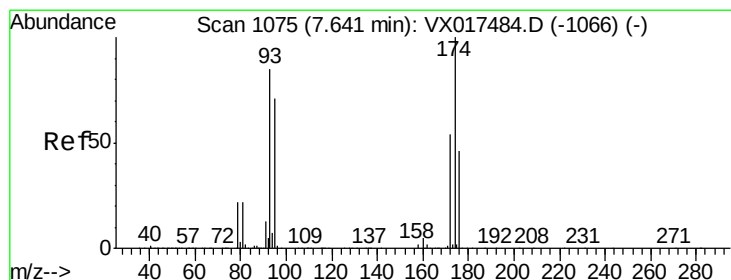
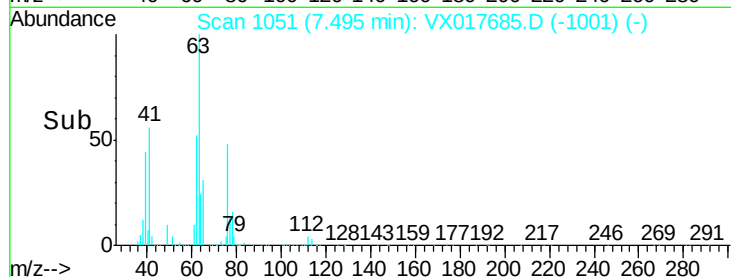
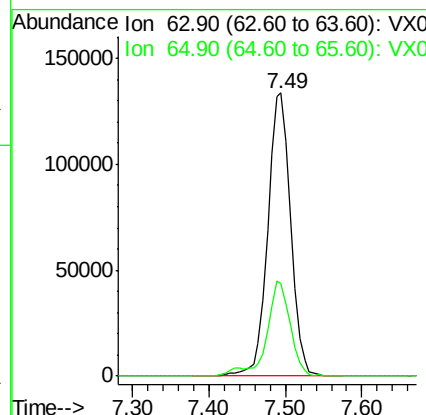
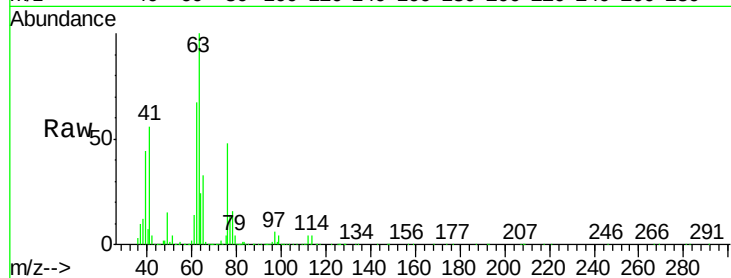




#45
 1,2-Dichloropropane
 Concen: 41.639 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

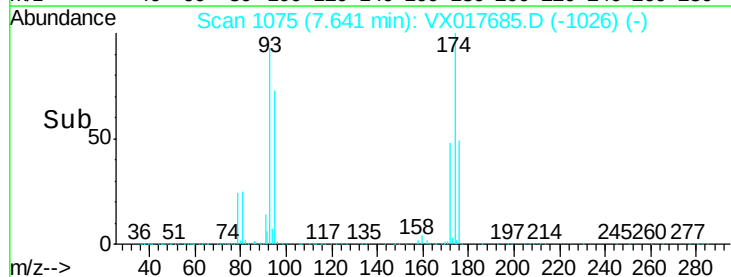
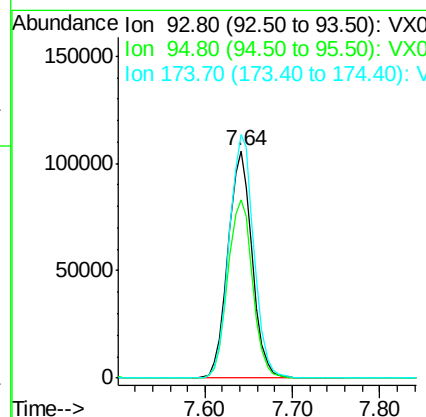
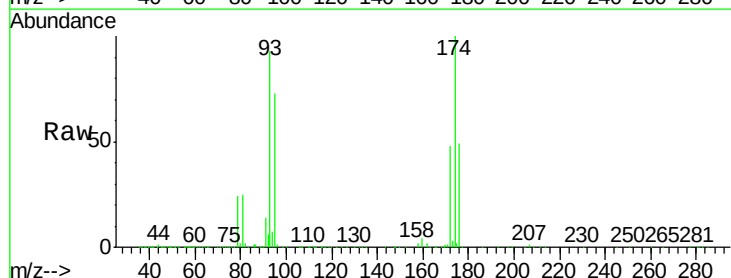
Instrument :
 MSVOA_X
 ClientSampled :
 PK-10DMS

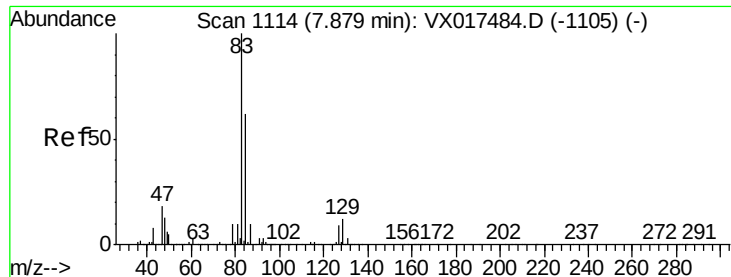
Tot Ion: 63 Resp: 279228
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.5 36.7



#46
 Dibromomethane
 Concen: 42.698 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Tgt Ion: 93 Resp: 202355
 Ion Ratio Lower Upper
 93 100
 95 81.0 66.6 99.8
 174 109.4 87.0 130.6





#47

Bromodichloromethane

Concen: 45.436 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

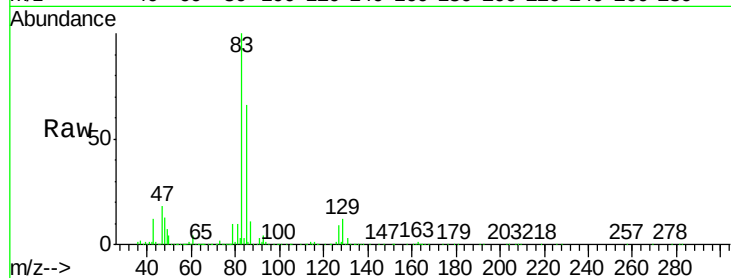
Tot Ion: 83 Resp: 433272

Ion Ratio Lower Upper

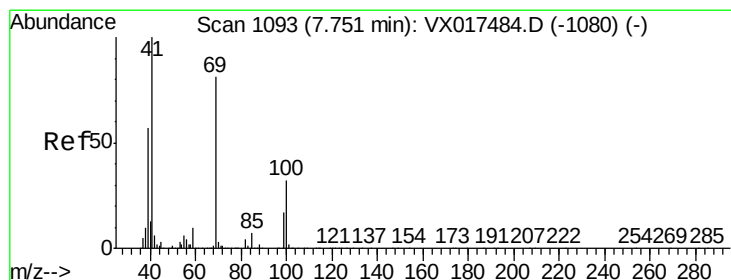
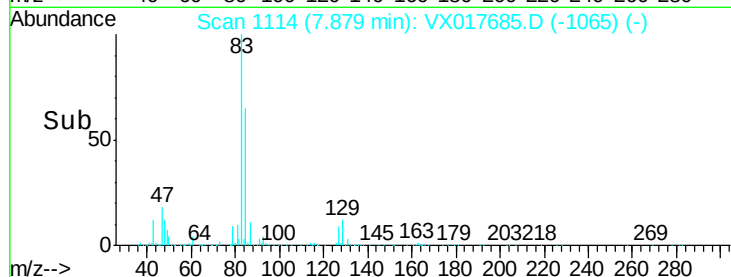
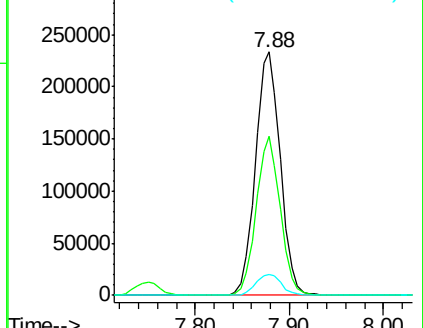
83 100

85 65.4 51.8 77.8

127 8.8 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 43.655 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

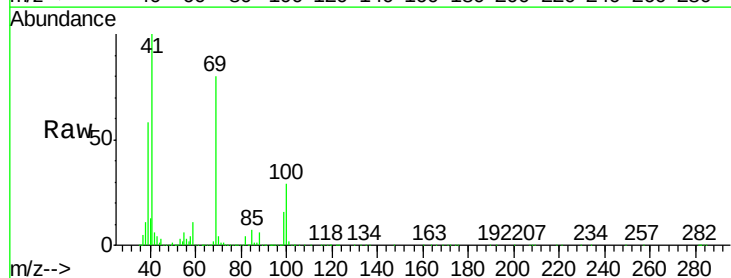
Tgt Ion: 41 Resp: 329622

Ion Ratio Lower Upper

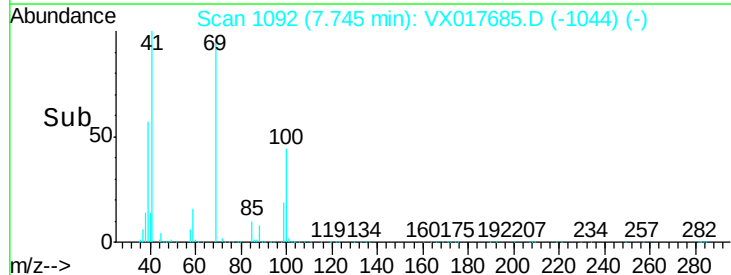
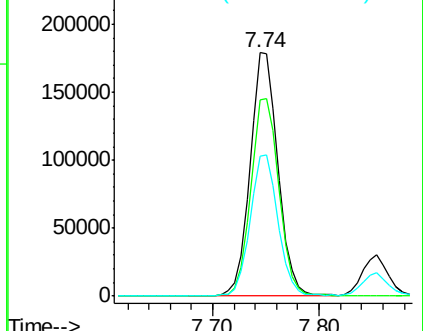
41 100

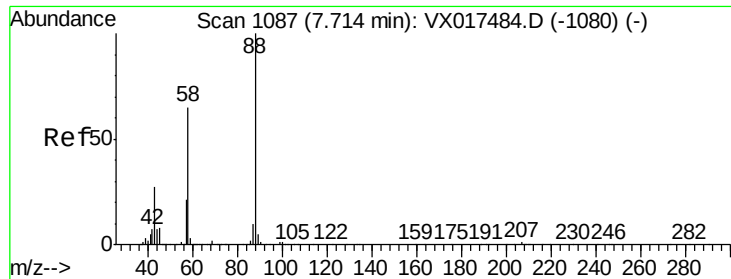
69 81.5 63.1 94.7

39 57.5 45.1 67.7



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





#49

1,4-Dioxane

Concen: 896.594 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

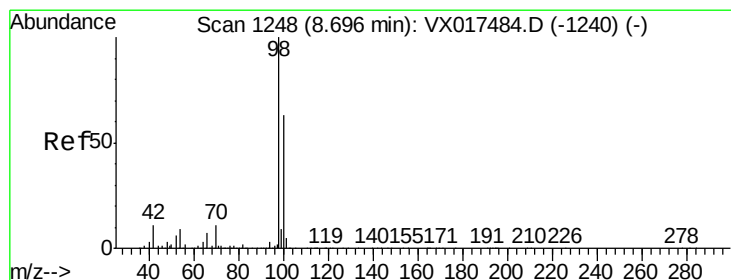
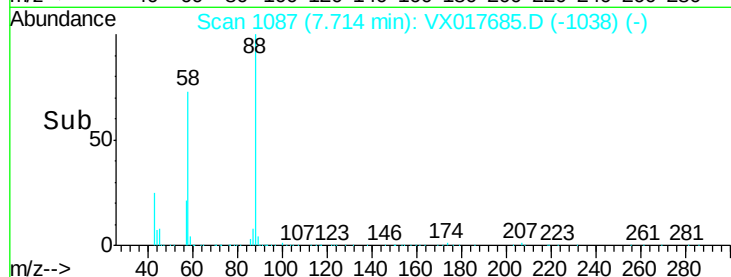
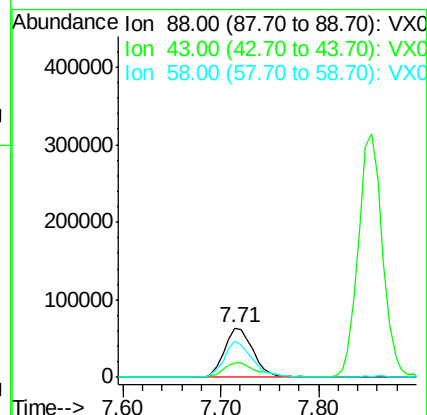
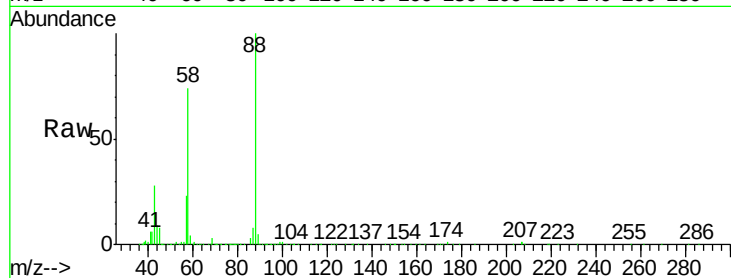
Tot Ion: 88 Resp: 129793

Ion Ratio Lower Upper

88 100

43 34.0 27.8 41.6

58 71.7 58.3 87.5



#50

Toluene-d8

Concen: 43.181 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017685.D

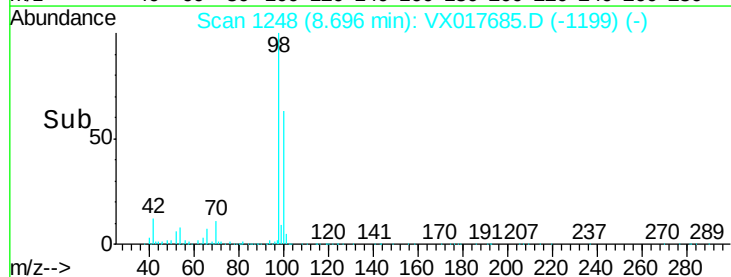
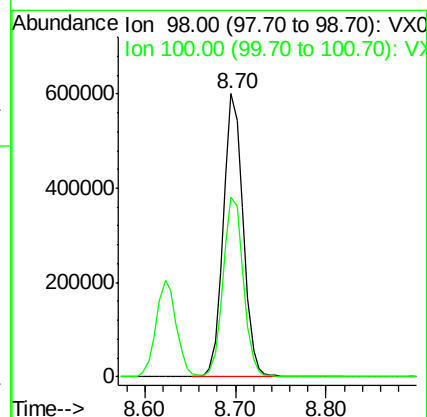
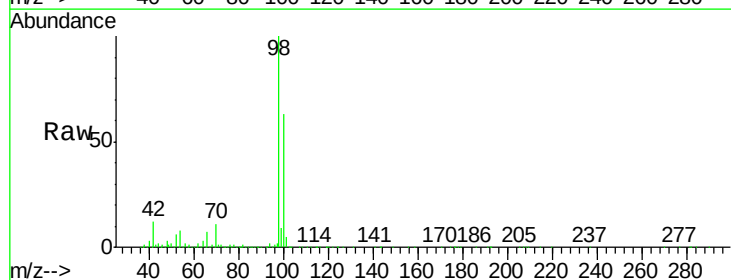
Acq: 30 Jul 2020 16:42

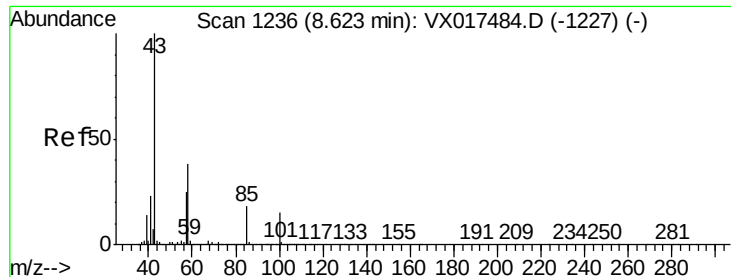
Tgt Ion: 98 Resp: 916552

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

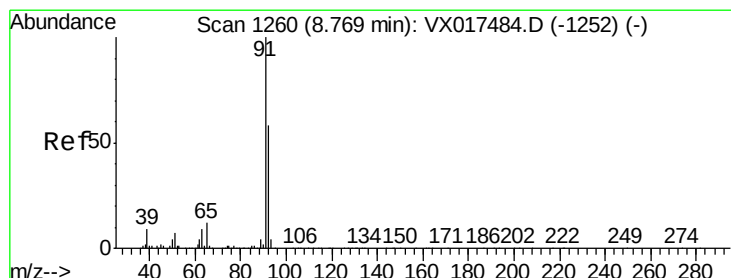
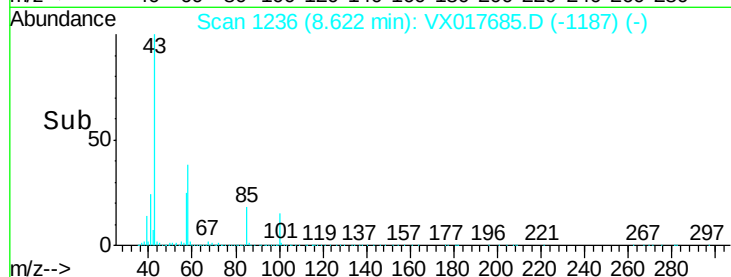
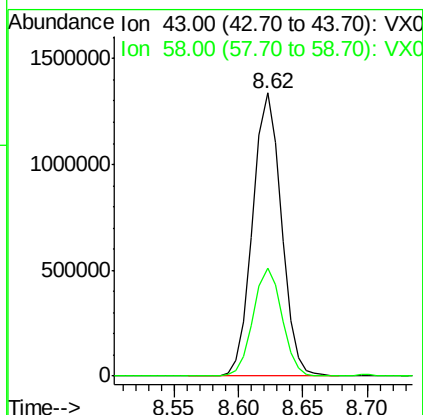
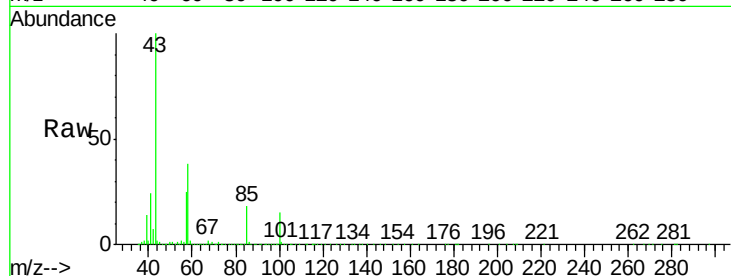




#51
4-Methyl-2-Pentanone
Concen: 226.160 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

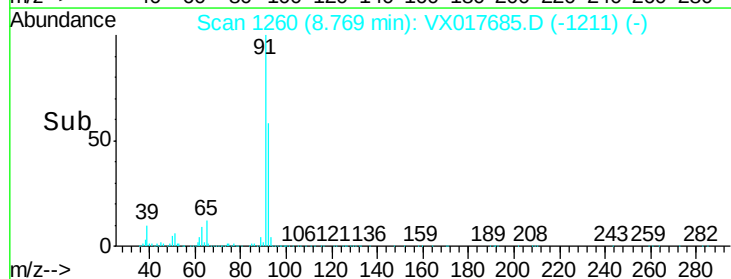
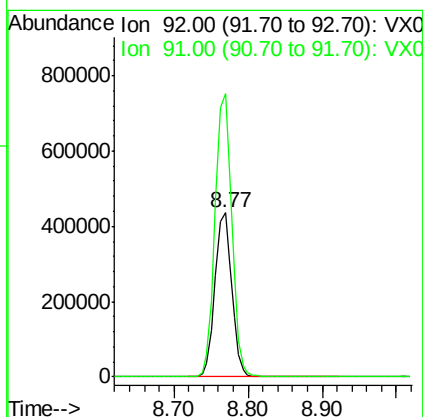
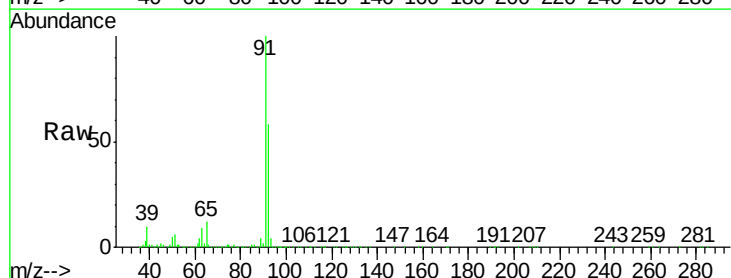
Instrument :
MSVOA_X
ClientSampled :
PK-10DMS

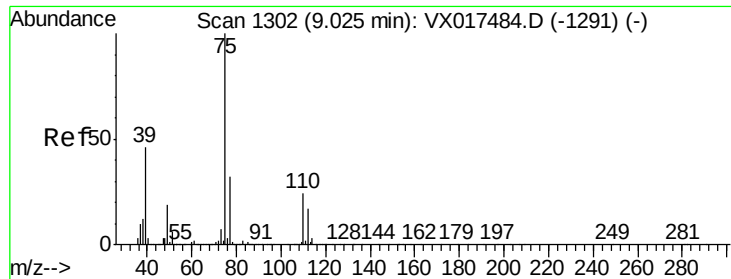
Tot Ion: 43 Resp: 2055477
Ion Ratio Lower Upper
43 100
58 38.4 31.0 46.4



#52
Toluene
Concen: 43.506 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion: 92 Resp: 674934
Ion Ratio Lower Upper
92 100
91 173.0 137.6 206.4

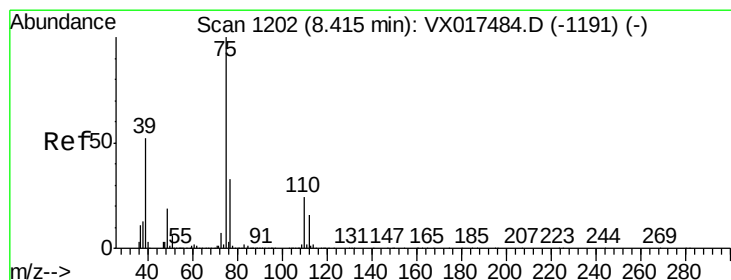
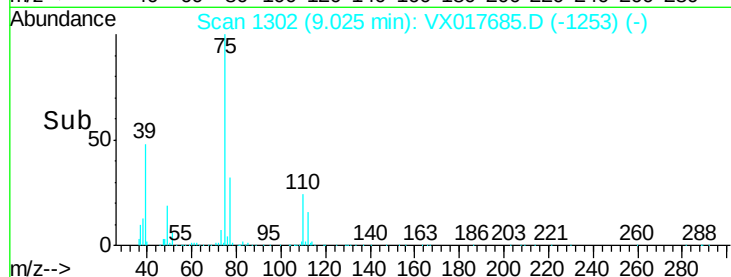
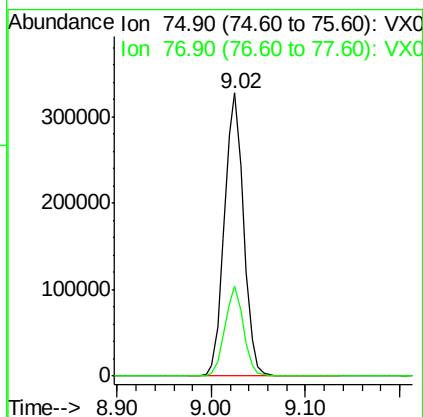
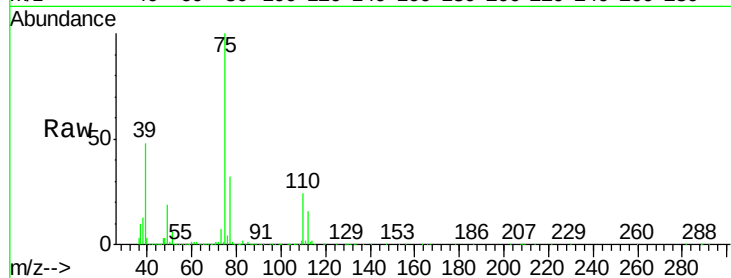




#53
t-1,3-Dichloropropene
Concen: 43.351 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

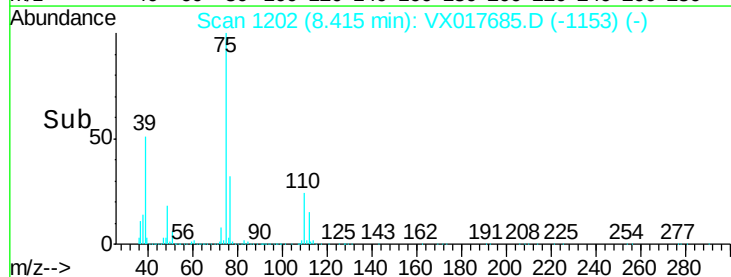
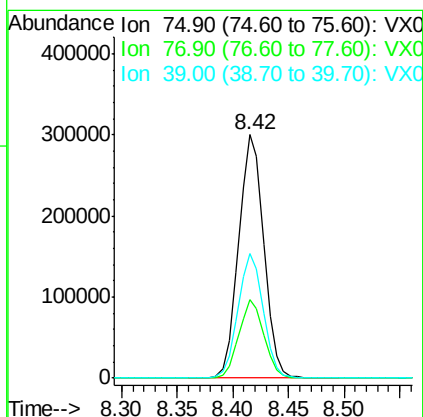
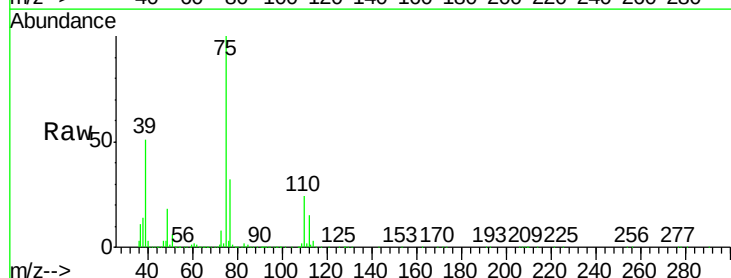
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

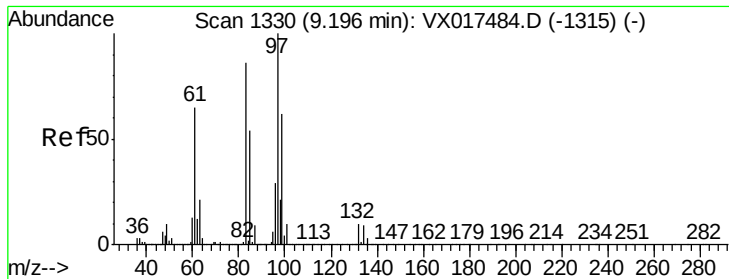
Tot Ion: 75 Resp: 462750
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 43.138 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion: 75 Resp: 469692
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 51.2 41.8 62.8





#55

1,1,2-Trichloroethane

Concen: 43.821 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

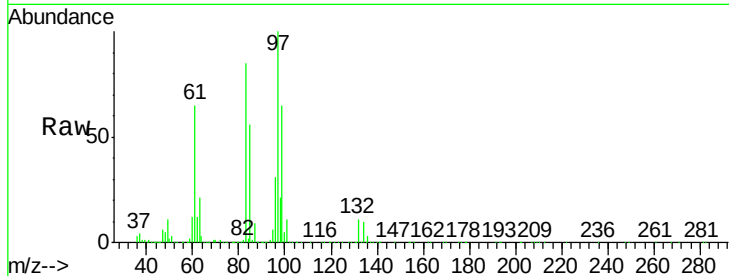
MSVOA_X

ClientSampleId :

PK-10DMS

Tot Ion: 97 Resp: 283197

Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.6	101.4
85	56.0	44.6	67.0
99	64.8	50.2	75.4

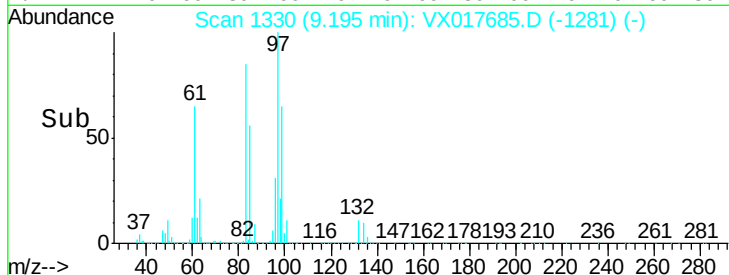


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

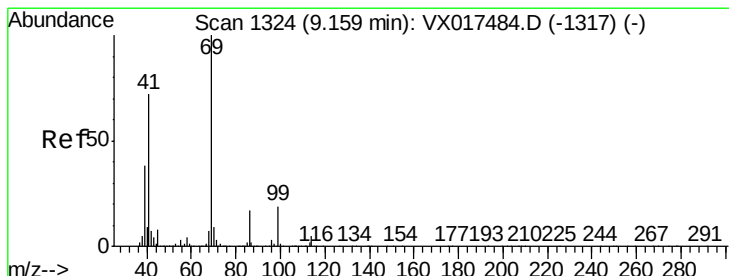
Abundance

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: 44.367 ug/l

RT: 9.16 min Scan# 1324

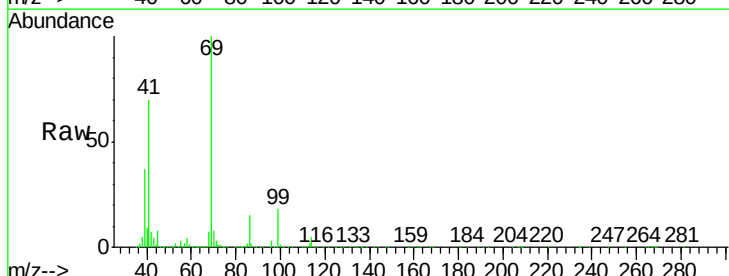
Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Tgt Ion: 69 Resp: 431984

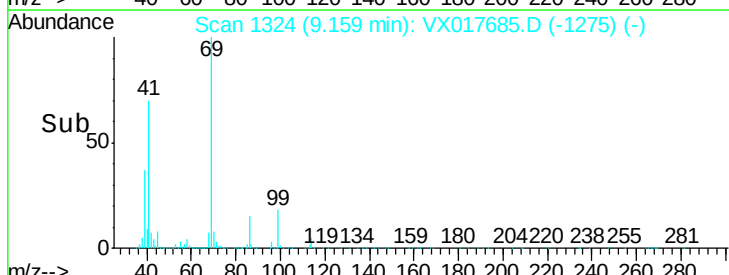
Ion	Ratio	Lower	Upper
69	100		
41	68.5	55.0	82.6
39	37.9	30.0	45.0



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



Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

Abundance

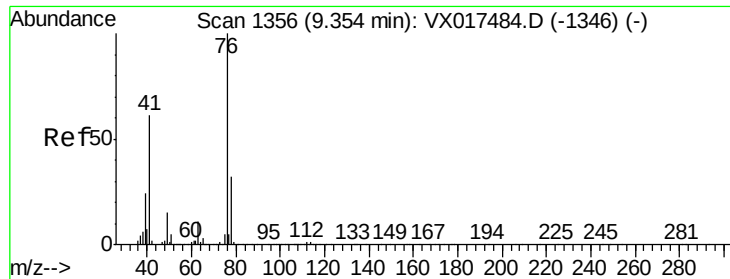
Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.20 9.30



#57

1,3-Dichloropropane

Concen: 44.445 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

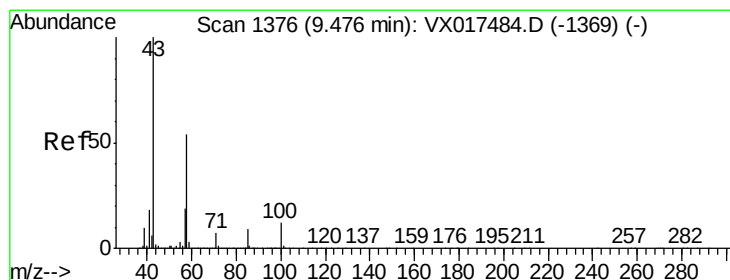
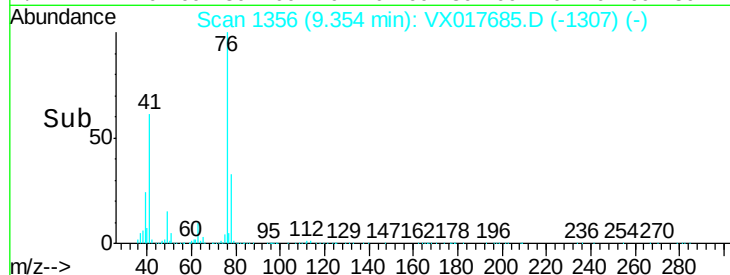
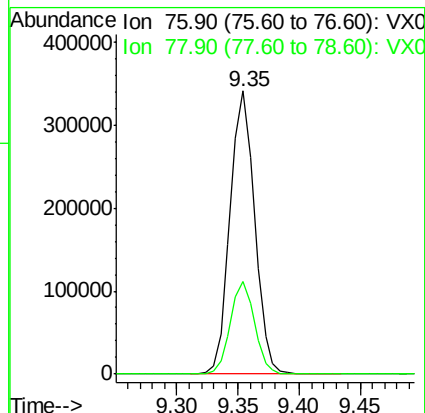
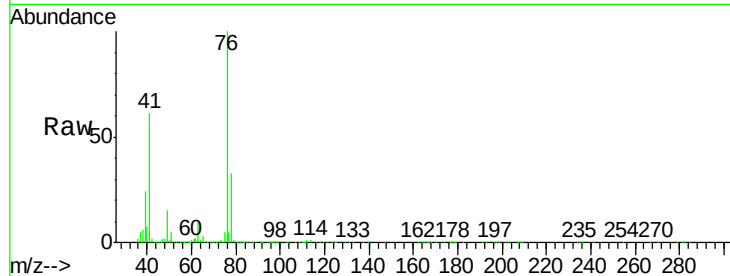
PK-10DMS

Tot Ion: 76 Resp: 472963

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#59

2-Hexanone

Concen: 231.253 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX017685.D

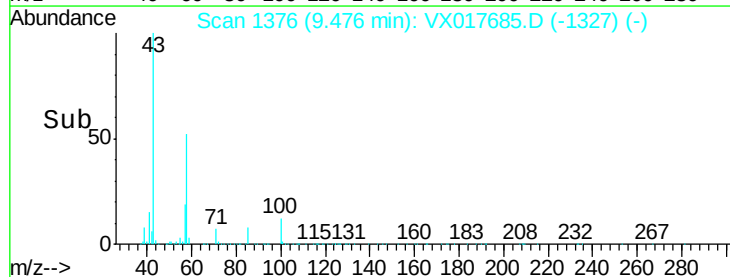
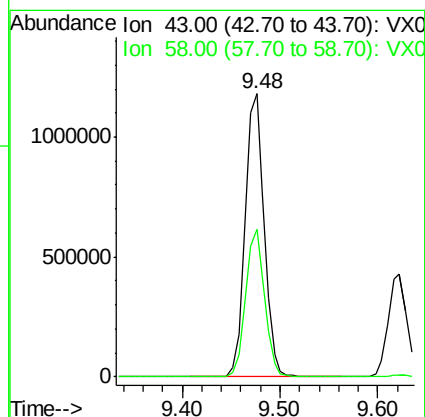
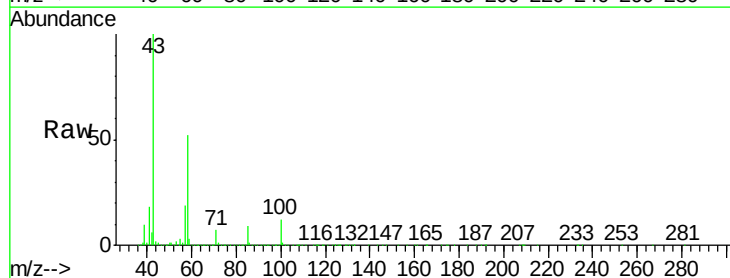
Acq: 30 Jul 2020 16:42

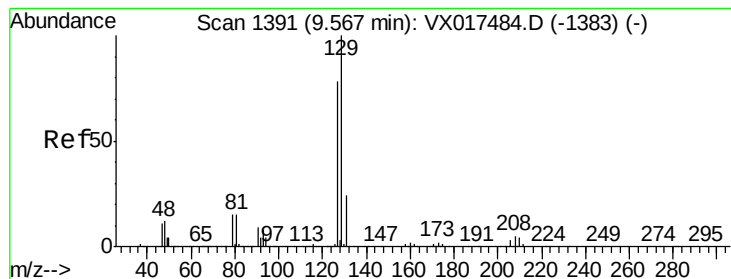
Tgt Ion: 43 Resp: 1582390

Ion Ratio Lower Upper

43 100

58 52.0 26.6 79.8





#60

Dibromochloromethane

Concen: 44.502 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

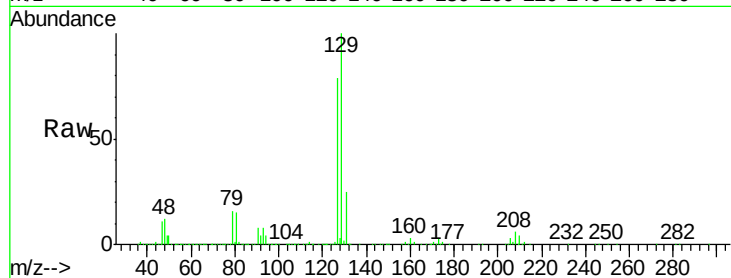
PK-10DMS

Tot Ion:129 Resp: 365546

Ion Ratio Lower Upper

129 100

127 77.8 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

250000

200000

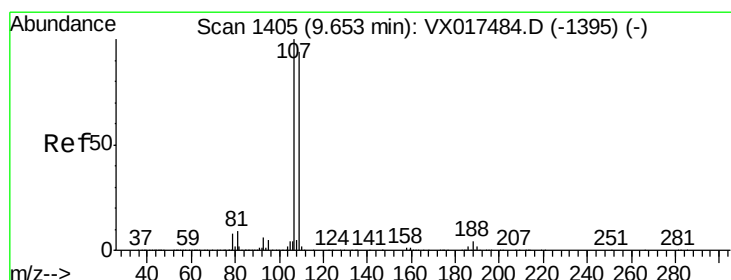
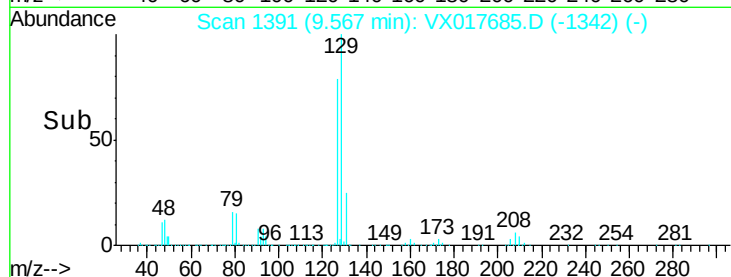
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 46.022 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017685.D

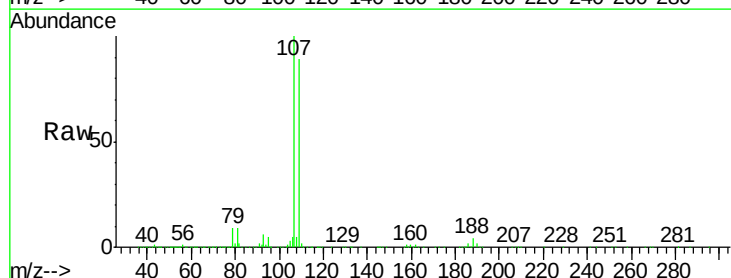
Acq: 30 Jul 2020 16:42

Tgt Ion:107 Resp: 316651

Ion Ratio Lower Upper

107 100

109 93.5 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

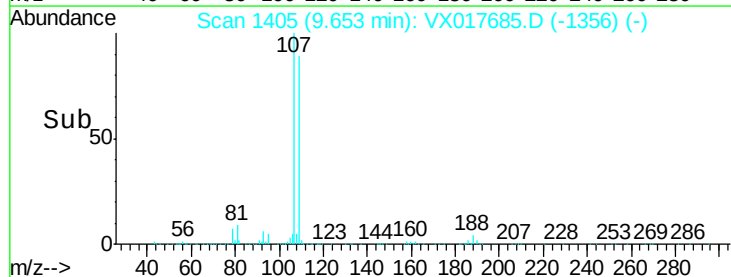
150000

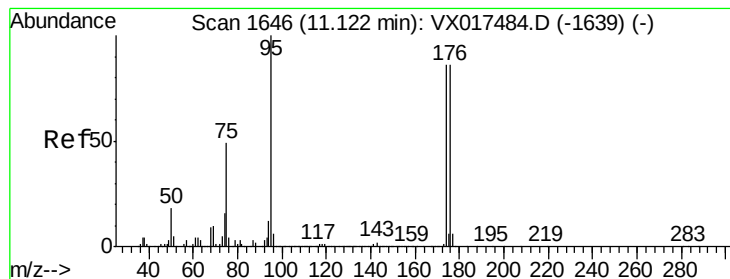
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 42.521 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

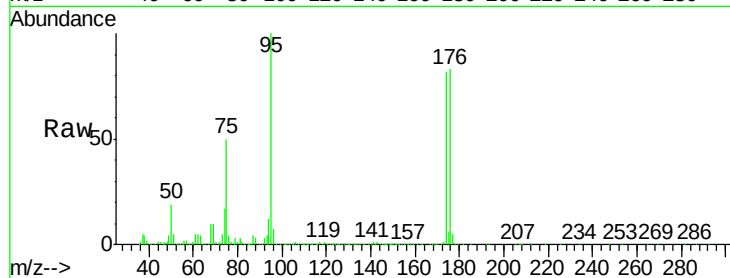
Tot Ion: 95 Resp: 361200

Ion Ratio Lower Upper

95 100

174 83.7 0.0 169.0

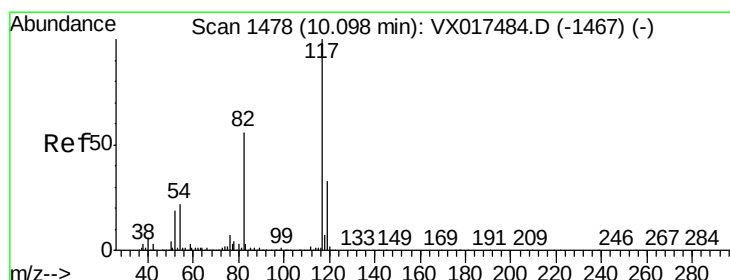
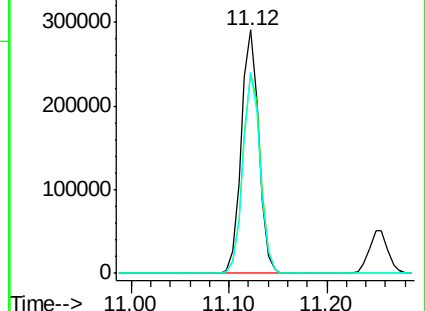
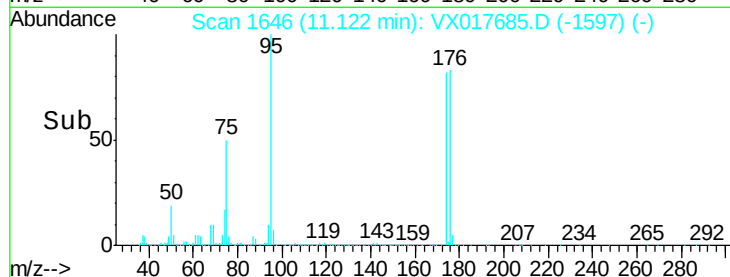
176 80.5 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017685.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017685.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017685.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

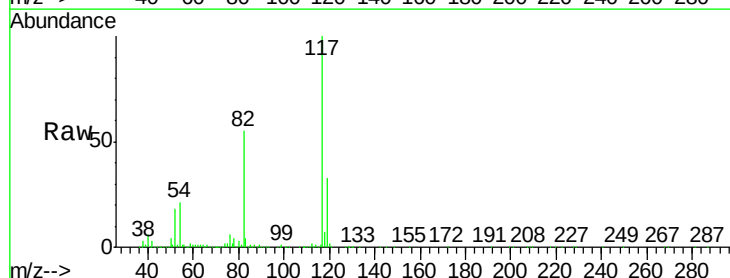
Tgt Ion: 117 Resp: 863898

Ion Ratio Lower Upper

117 100

82 55.1 44.0 66.0

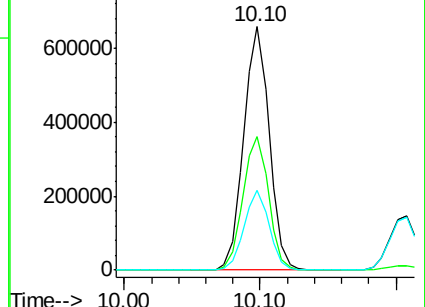
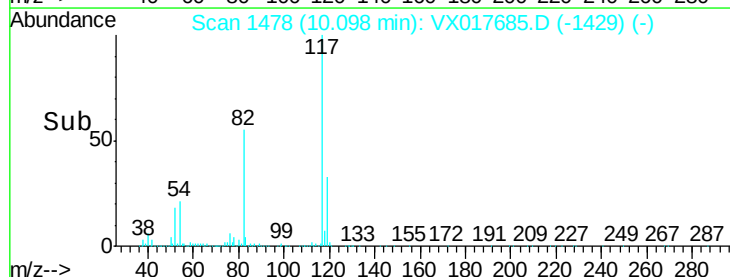
119 33.0 25.4 38.0

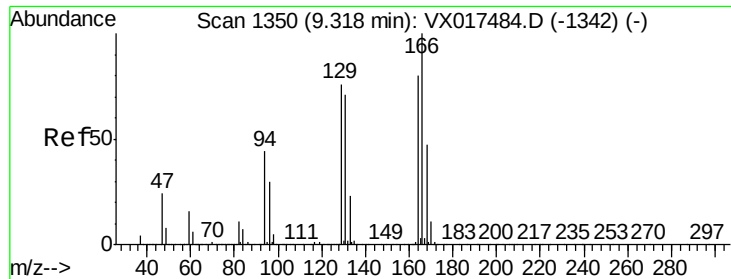


Abundance Ion 116.90 (116.60 to 117.60): VX017685.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017685.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017685.D (-1429) (-)





#64

Tetrachloroethene

Concen: 40.745 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

Tot Ion:164 Resp: 315925

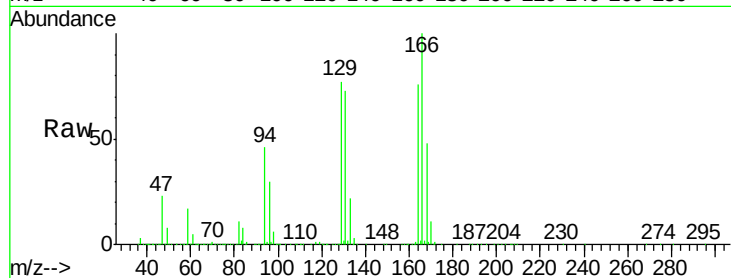
Ion Ratio Lower Upper

164 100

166 131.4 100.6 150.8

129 100.9 75.0 112.6

131 95.7 75.2 112.8

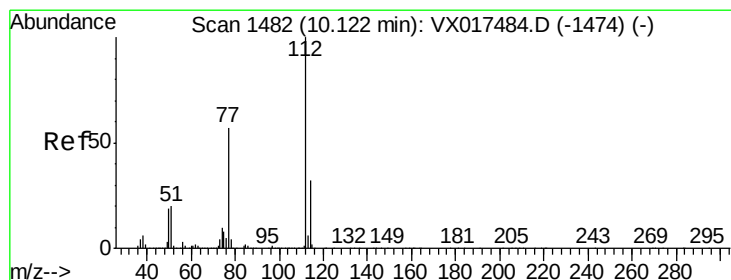
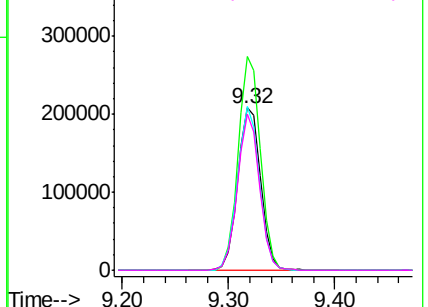
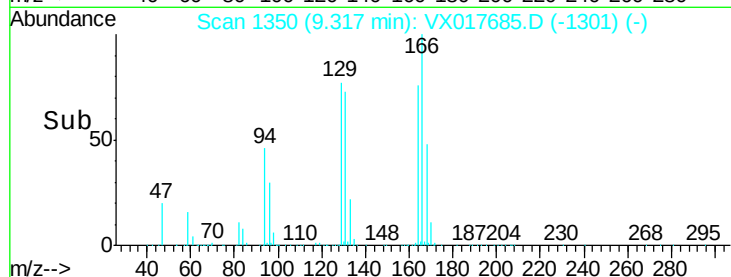


Abundance Ion 163.80 (163.50 to 164.50): V

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: 42.791 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017685.D

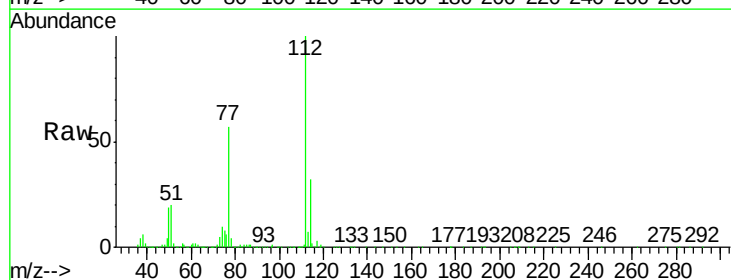
Acq: 30 Jul 2020 16:42

Tgt Ion:112 Resp: 800153

Ion Ratio Lower Upper

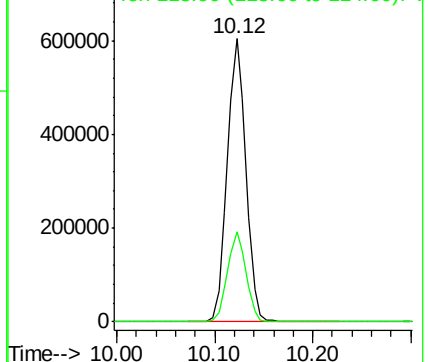
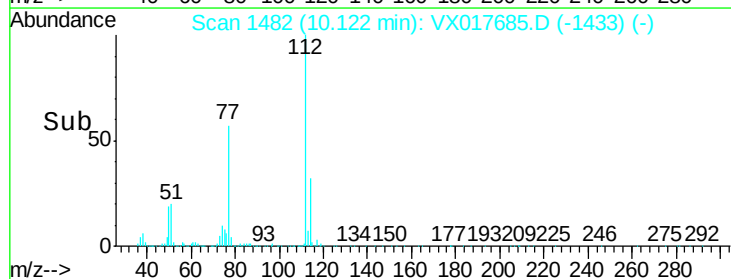
112 100

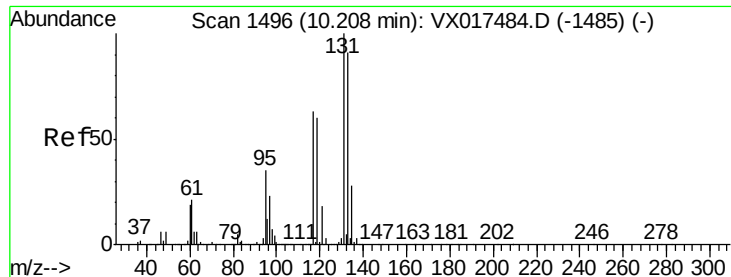
114 32.0 25.7 38.5



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: 41.977 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

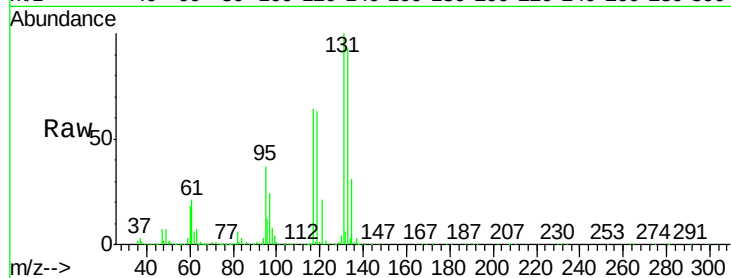
Tot Ion:131 Resp: 316790

Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.6

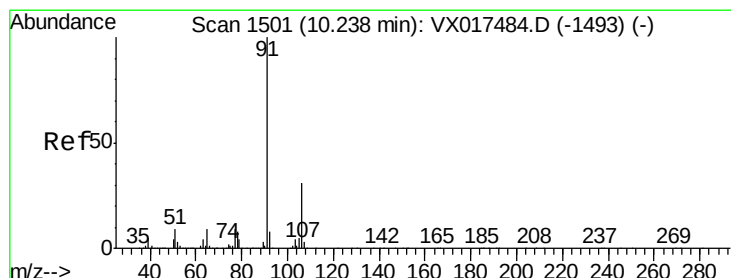
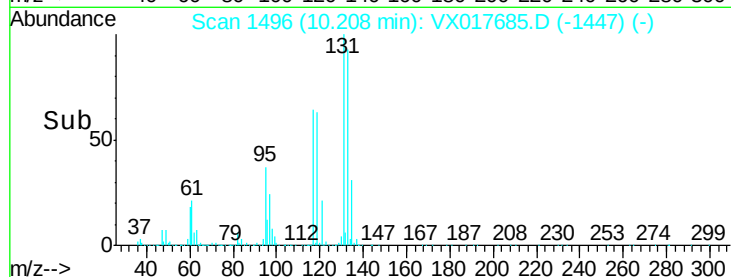
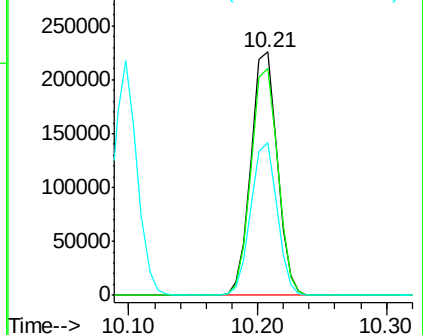
119 63.0 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 42.845 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017685.D

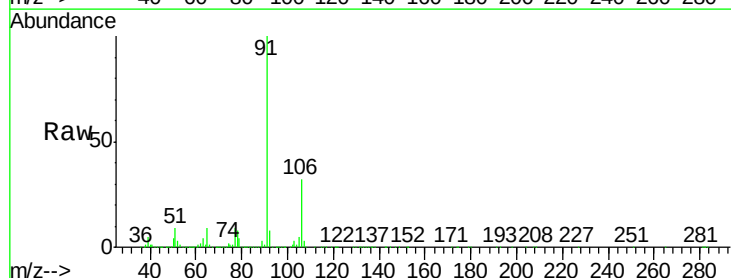
Acq: 30 Jul 2020 16:42

Tgt Ion: 91 Resp: 1337379

Ion Ratio Lower Upper

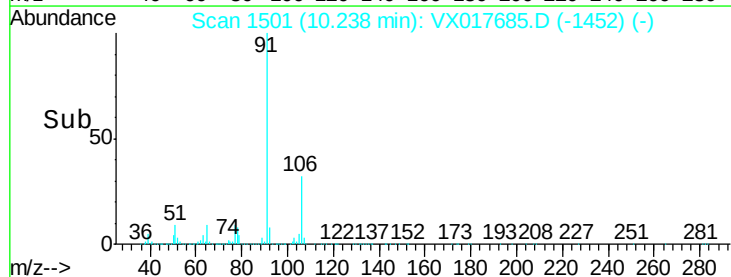
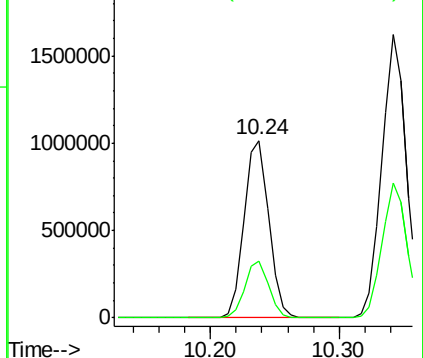
91 100

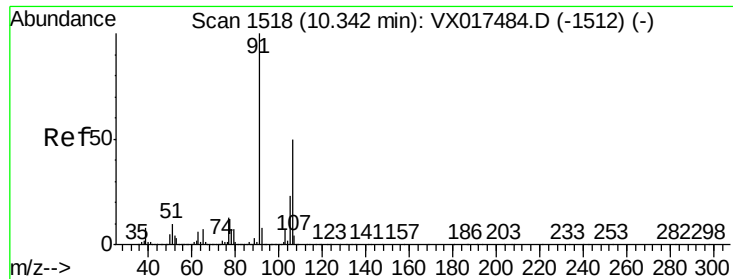
106 31.7 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 85.321 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

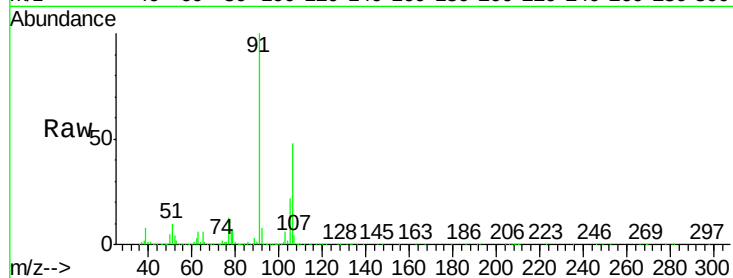
PK-10DMS

Tot Ion:106 Resp: 1031728

Ion Ratio Lower Upper

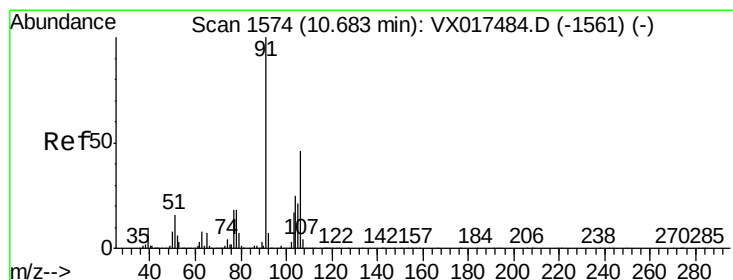
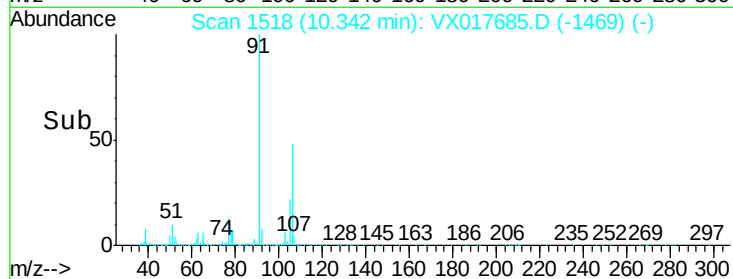
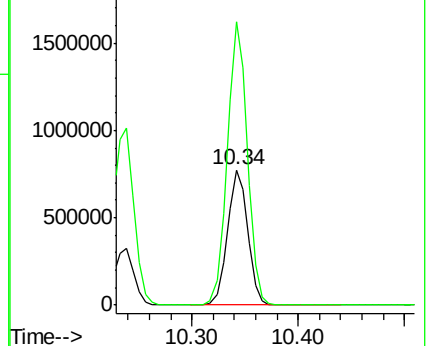
106 100

91 206.7 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 42.532 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017685.D

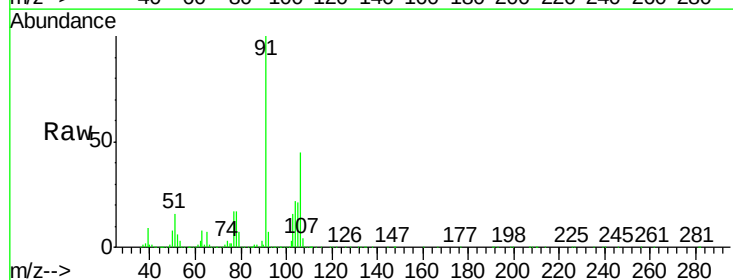
Acq: 30 Jul 2020 16:42

Tgt Ion:106 Resp: 494649

Ion Ratio Lower Upper

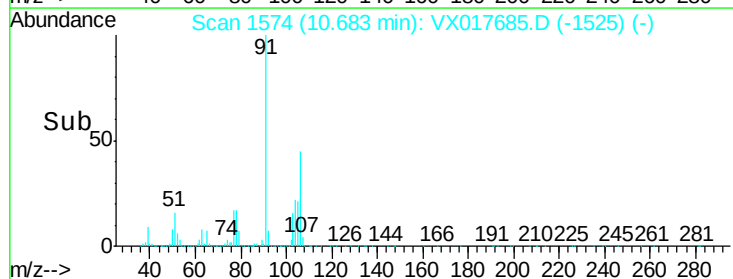
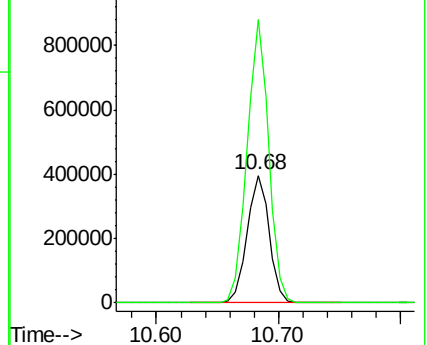
106 100

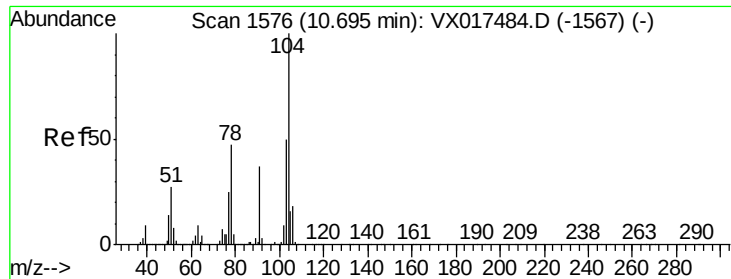
91 216.9 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

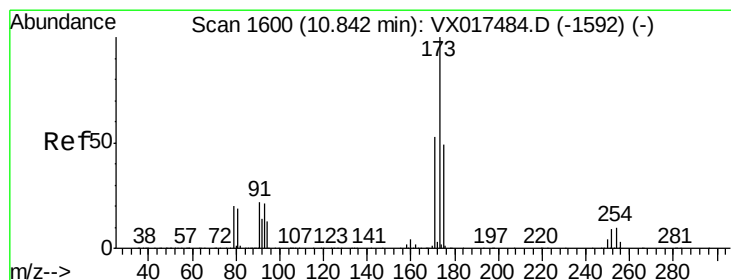
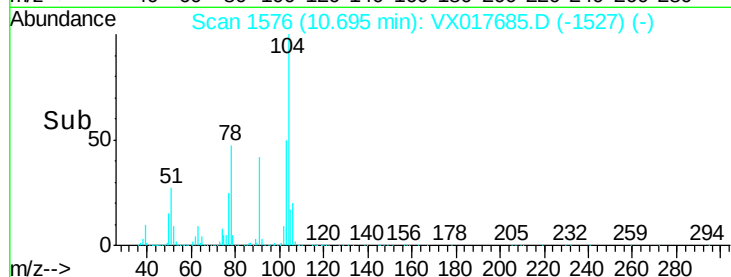
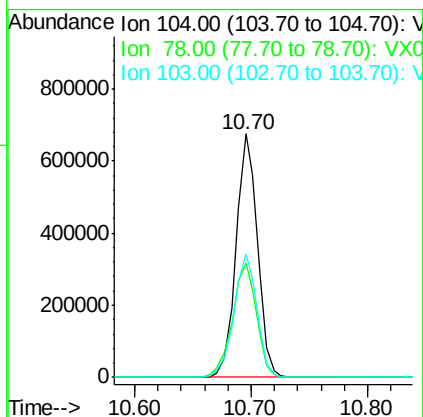
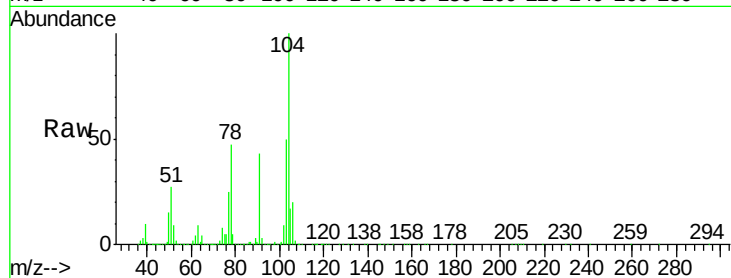




#70
Stvrene
Concen: 43.809 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

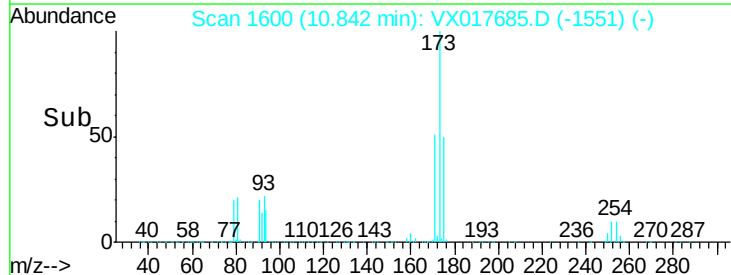
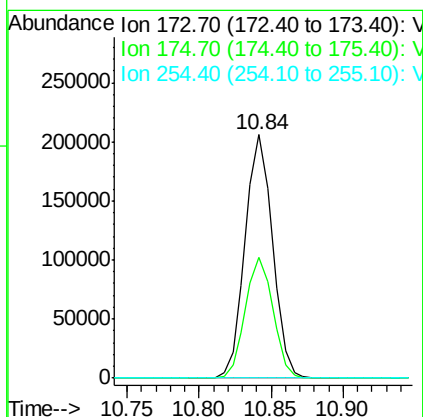
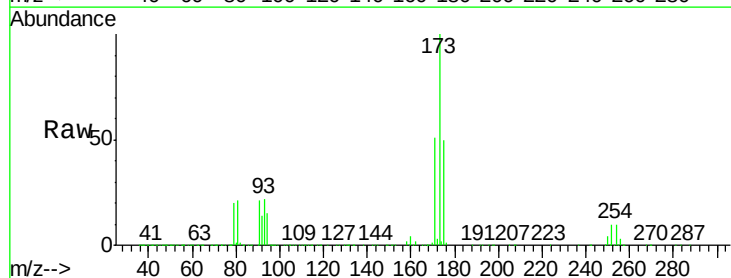
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

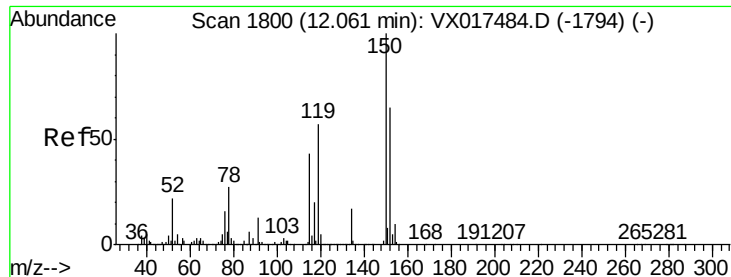
Tot Ion:104 Resp: 866873
Ion Ratio Lower Upper
104 100
78 52.5 42.5 63.7
103 54.4 44.3 66.5



#71
Bromoform
Concen: 41.619 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion:173 Resp: 272122
Ion Ratio Lower Upper
173 100
175 50.2 23.8 71.5
254 0.2 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

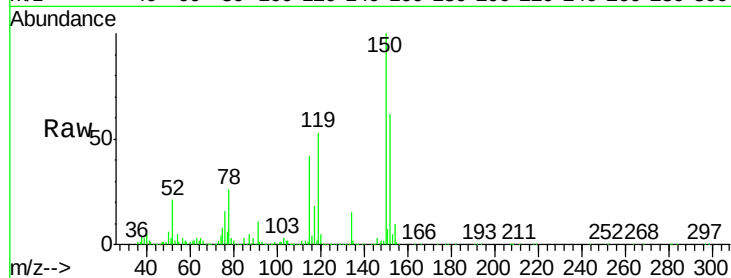
Tot Ion:152 Resp: 462044

Ion Ratio Lower Upper

152 100

115 78.4 65.5 196.6

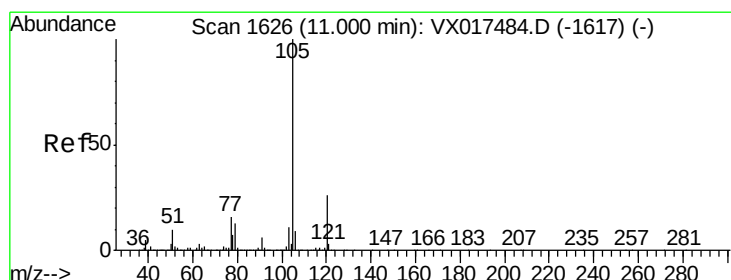
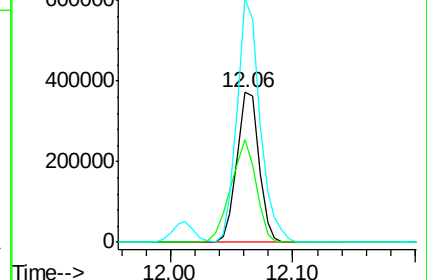
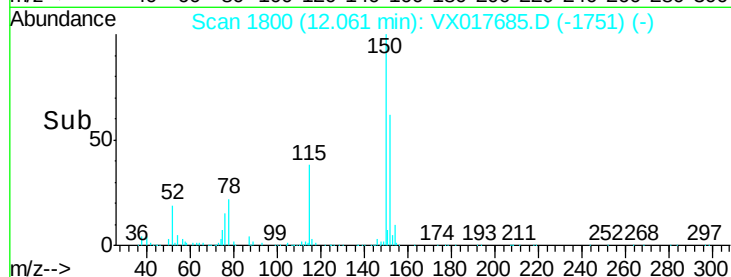
150 169.2 0.0 412.6



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: 42.487 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017685.D

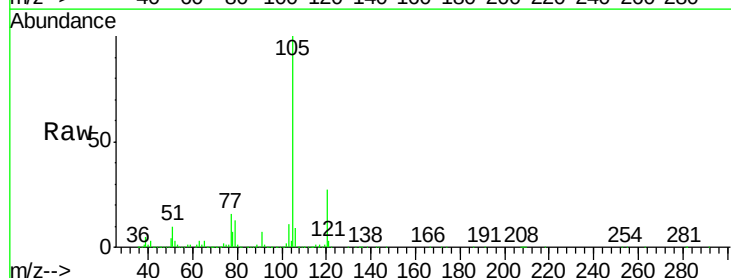
Acq: 30 Jul 2020 16:42

Tgt Ion:105 Resp: 1346702

Ion Ratio Lower Upper

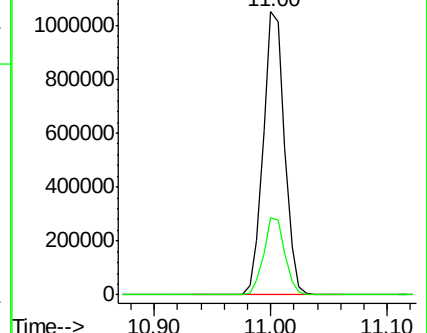
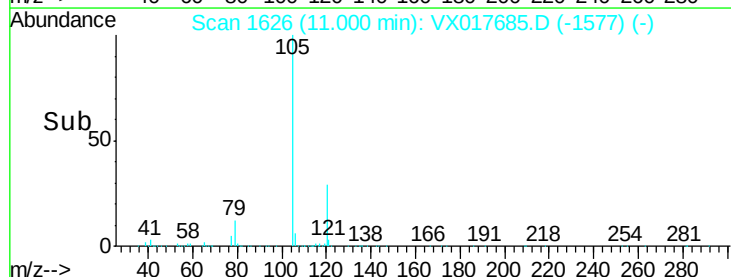
105 100

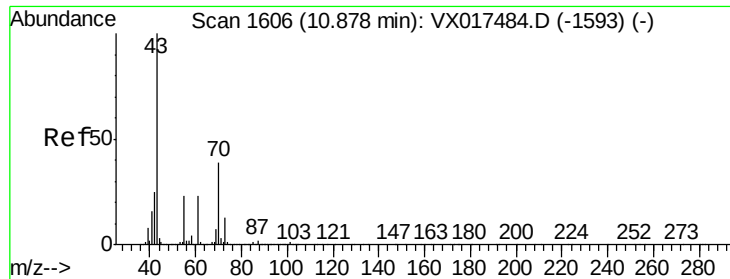
120 27.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

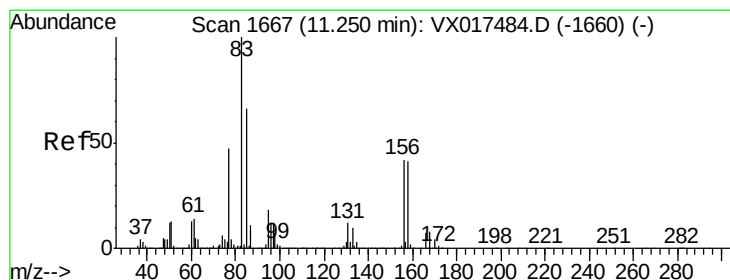
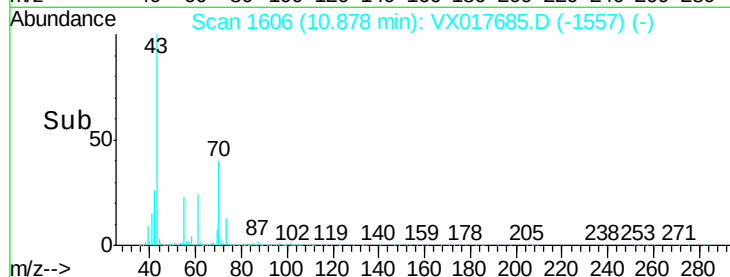
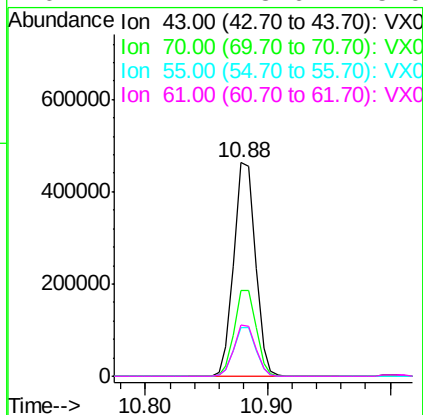
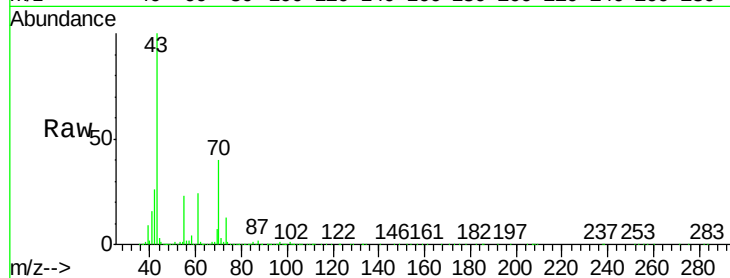




#74
N-amvl acetate
Concen: 39.996 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

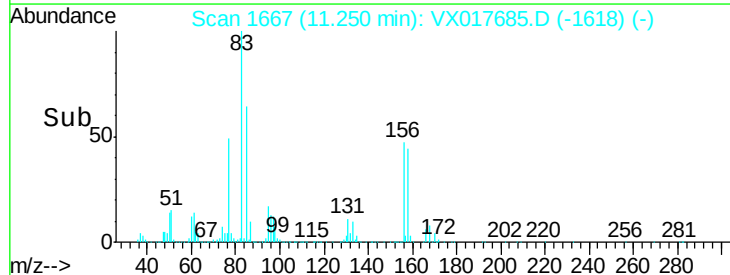
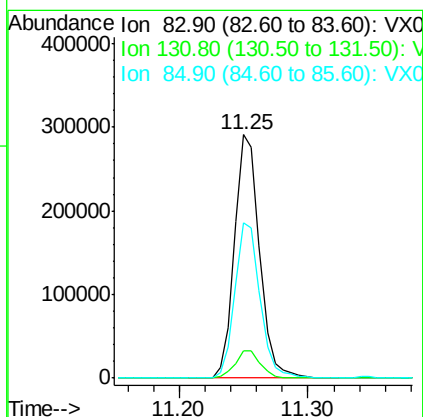
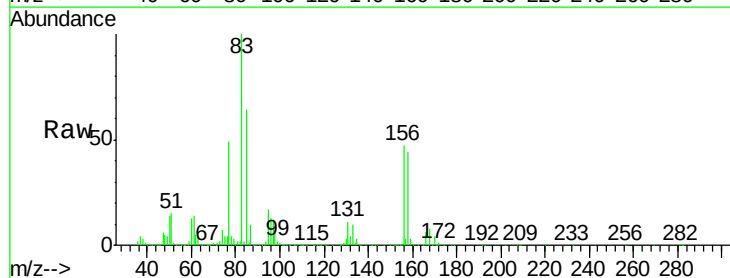
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

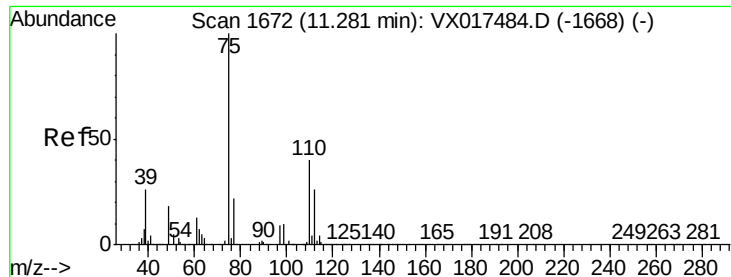
Tot Ion:	43	Resp:	563269
Ion	Ratio	Lower	Upper
43	100		
70	40.9	32.3	48.5
55	23.4	18.4	27.6
61	24.1	18.6	28.0



#75
1,1,2,2-Tetrachloroethane
Concen: 39.950 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion:	83	Resp:	395255
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.5	16.5
85	64.5	32.1	96.3





#76

1,2,3-Trichloropropane

Concen: 52.121 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

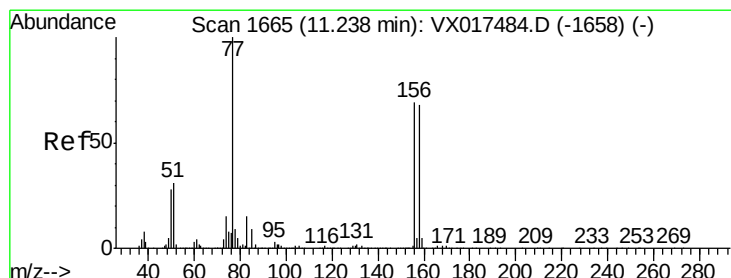
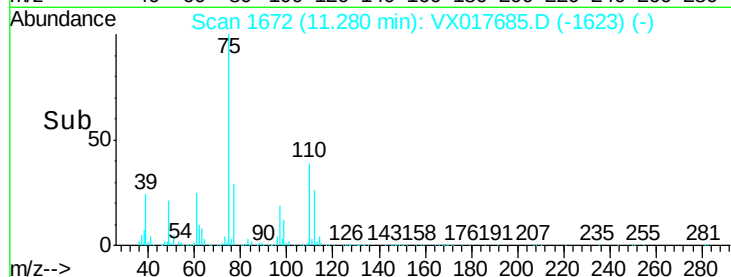
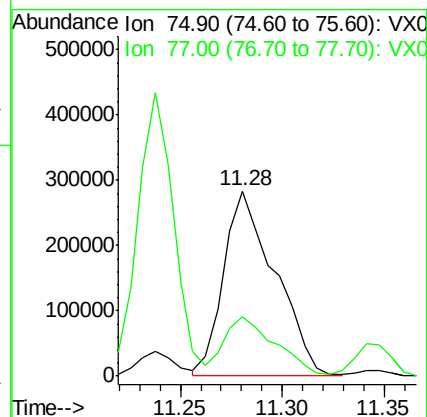
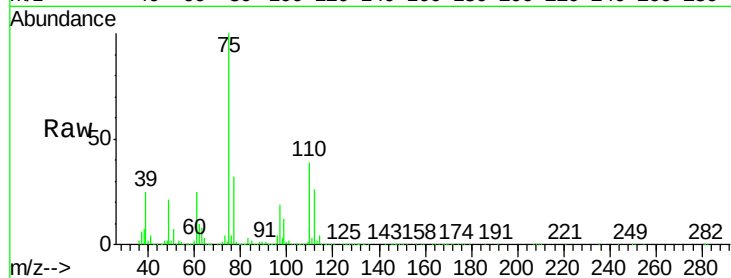
PK-10DMS

Tot Ion: 75 Resp: 495377

Ion Ratio Lower Upper

75 100

77 32.1 21.8 65.3



#77

Bromobenzene

Concen: 40.043 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

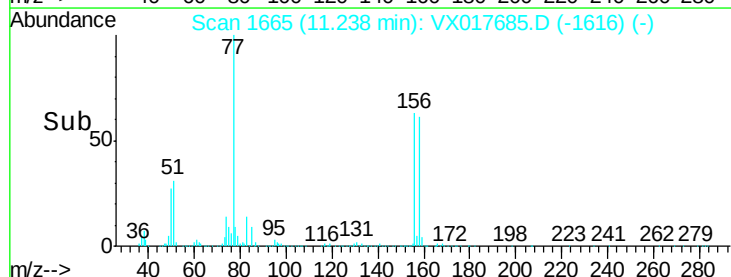
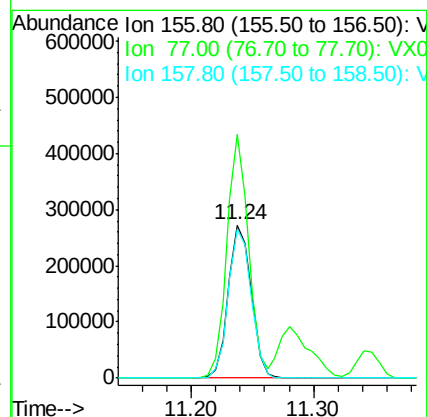
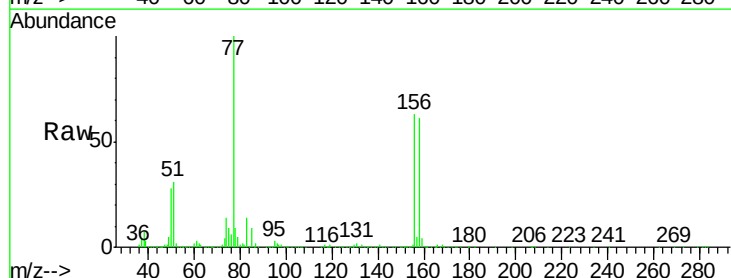
Tgt Ion: 156 Resp: 355328

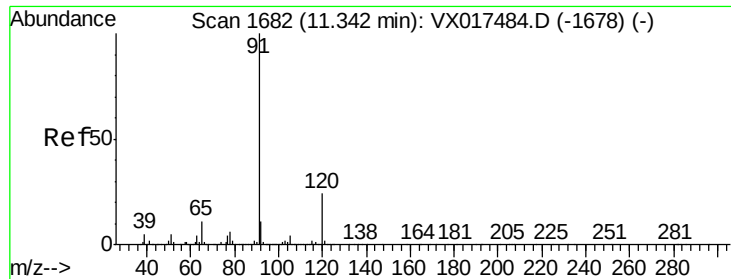
Ion Ratio Lower Upper

156 100

77 149.6 75.0 225.0

158 97.6 49.1 147.3





#78

n-propylbenzene

Concen: 42.623 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

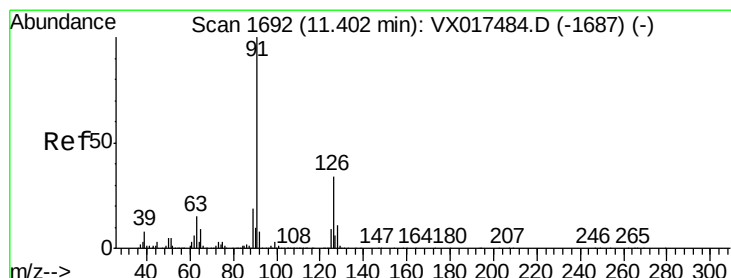
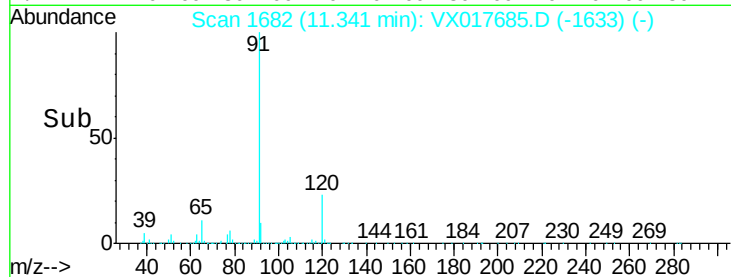
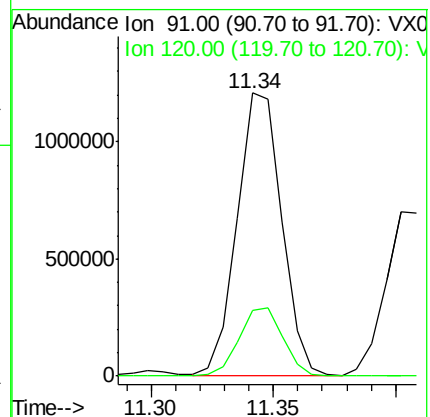
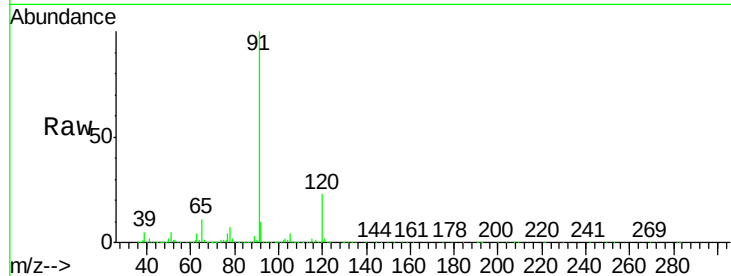
PK-10DMS

Tot Ion: 91 Resp: 1523733

Ion Ratio Lower Upper

91 100

120 24.0 12.2 36.4



#79

2-Chlorotoluene

Concen: 41.434 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017685.D

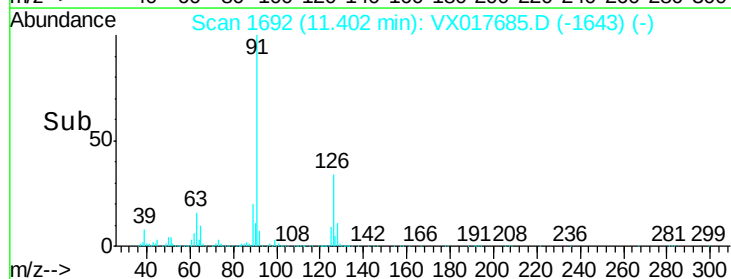
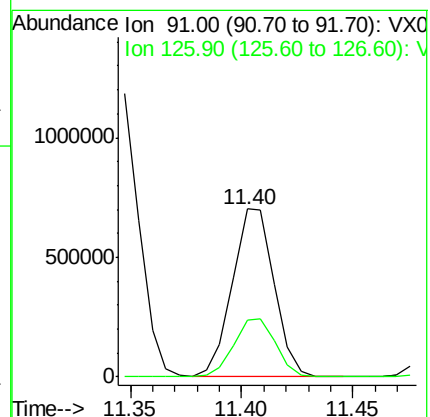
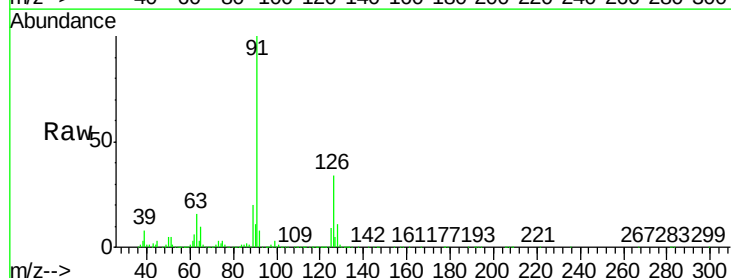
Acq: 30 Jul 2020 16:42

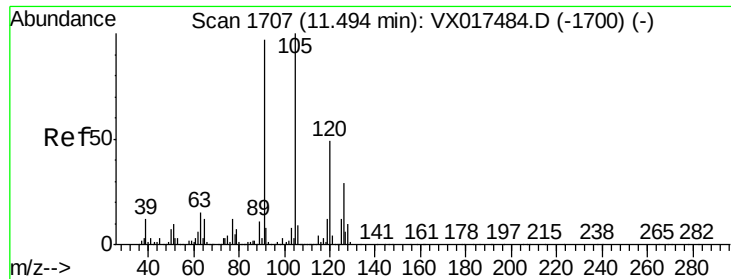
Tgt Ion: 91 Resp: 917568

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5



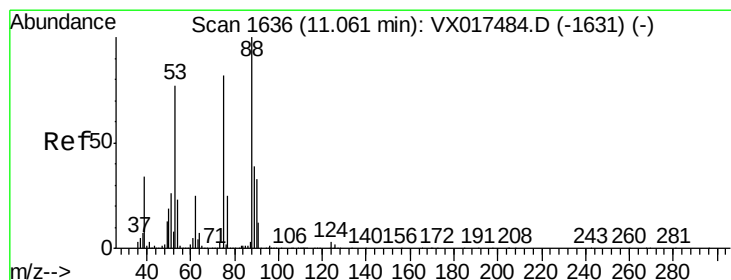
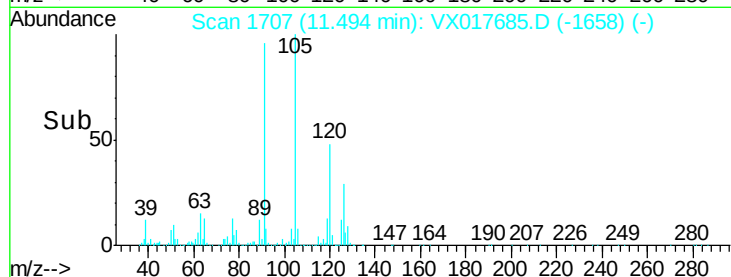
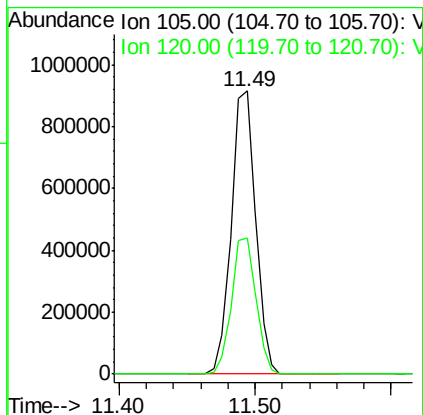
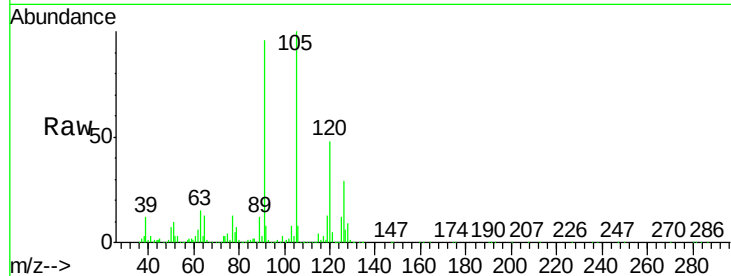


#80

1,3,5-Trimethylbenzene
Concen: 42.071 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampled :
PK-10DMS

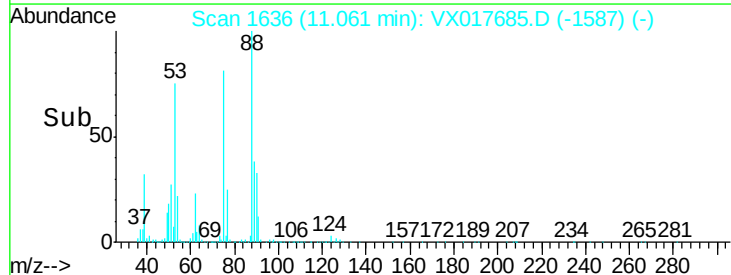
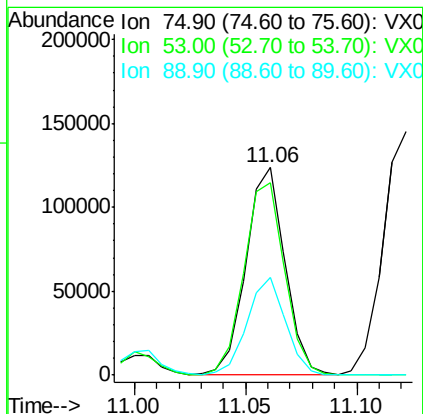
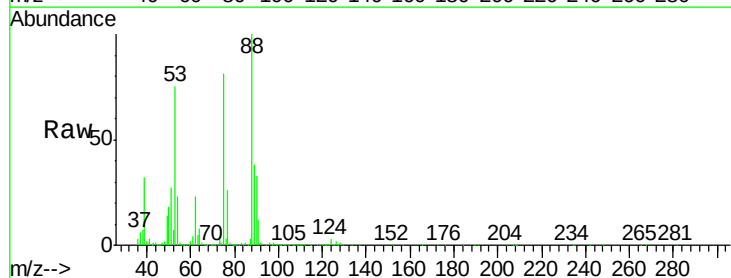
Tot Ion:105 Resp: 1138563
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3

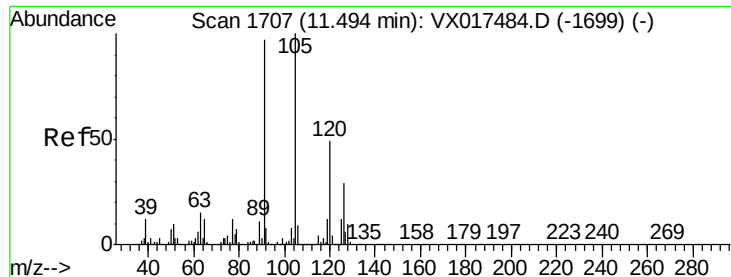


#81

trans-1,4-Dichloro-2-butene
Concen: 39.637 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion: 75 Resp: 149510
Ion Ratio Lower Upper
75 100
53 97.6 75.9 113.9
89 46.6 37.8 56.6





#82

4-Chlorotoluene

Concen: 41.251 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

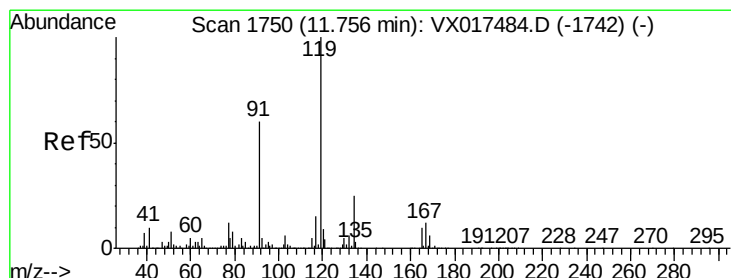
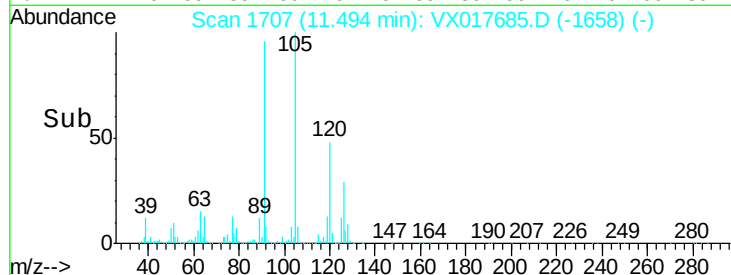
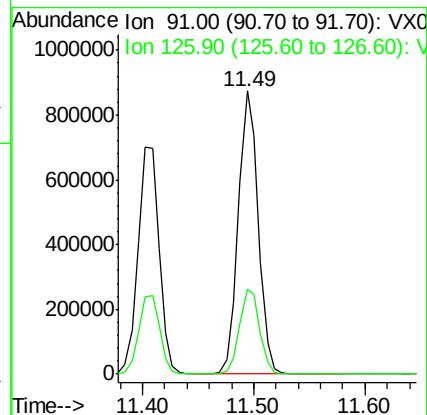
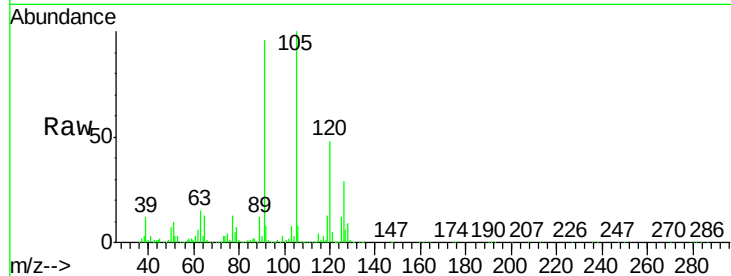
PK-10DMS

Tot Ion: 91 Resp: 1077581

Ion Ratio Lower Upper

91 100

126 30.2 15.2 45.6



#83

tert-Butylbenzene

Concen: 41.826 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

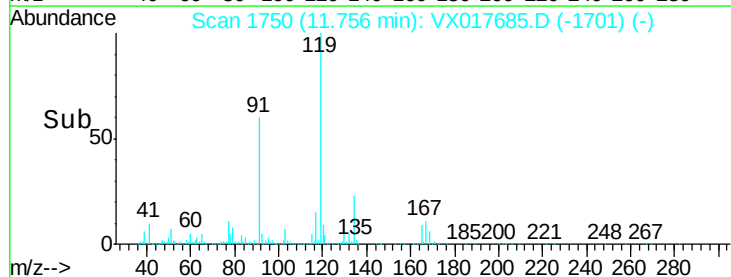
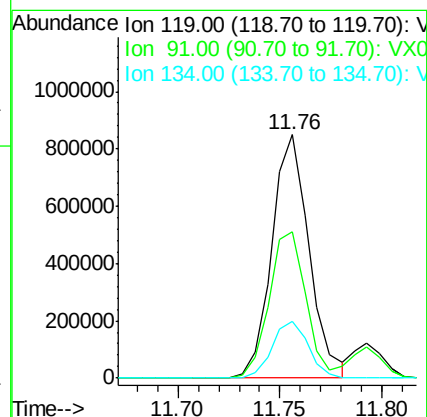
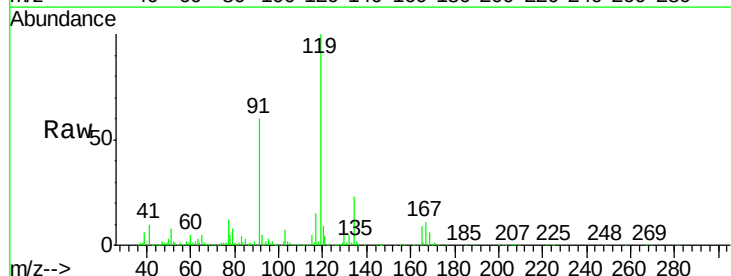
Tgt Ion: 119 Resp: 1083121

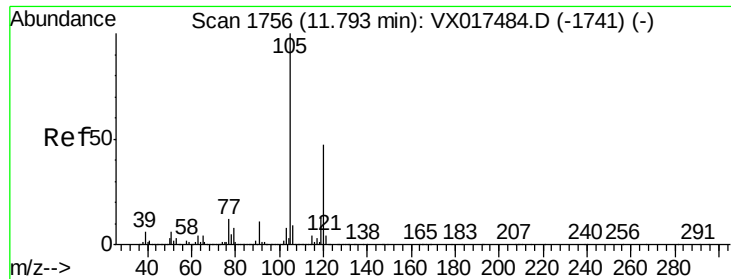
Ion Ratio Lower Upper

119 100

91 59.1 29.3 88.0

134 22.7 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 43.788 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

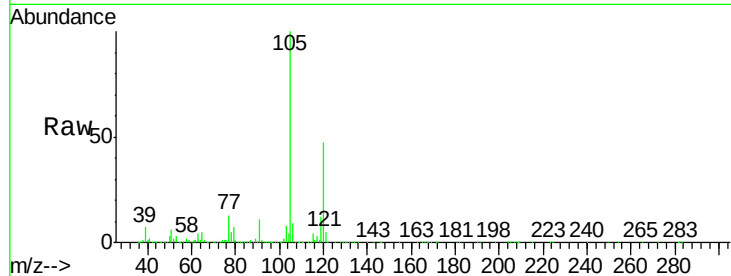
PK-10DMS

Tot Ion:105 Resp: 1178658

Ion Ratio Lower Upper

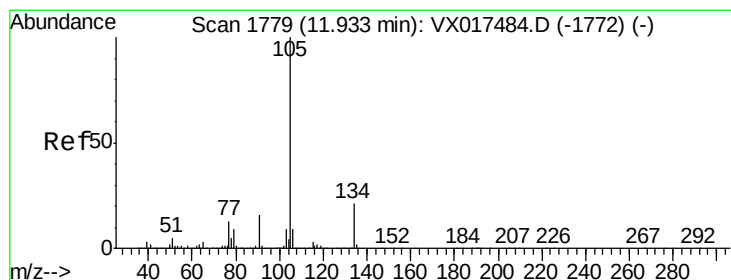
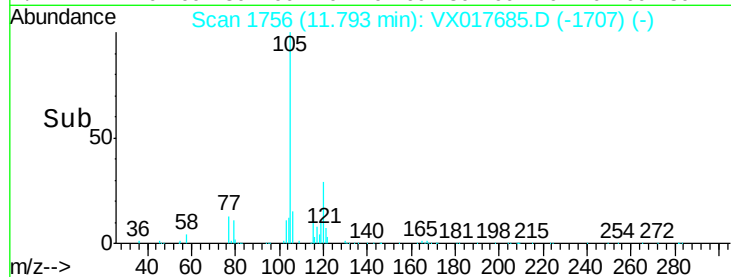
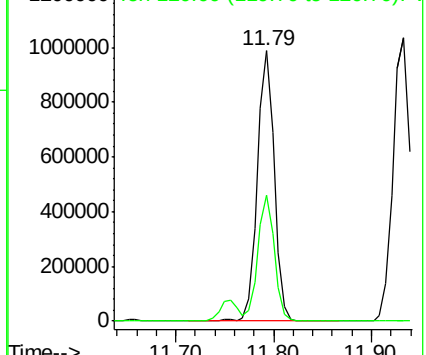
105 100

120 45.6 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 41.783 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017685.D

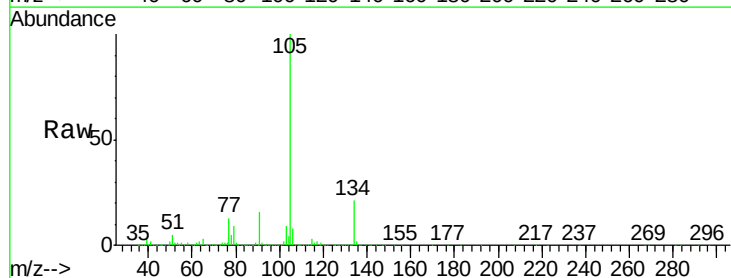
Acq: 30 Jul 2020 16:42

Tgt Ion:105 Resp: 1260438

Ion Ratio Lower Upper

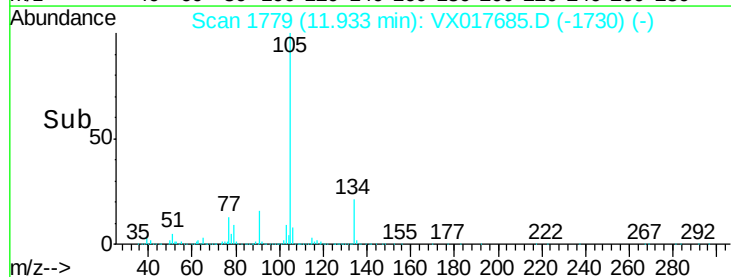
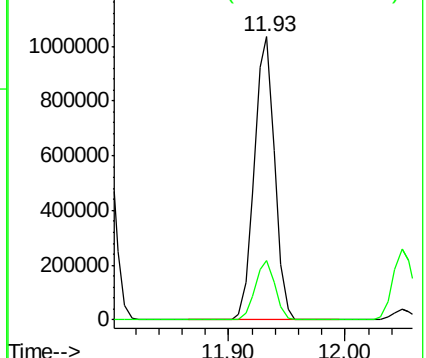
105 100

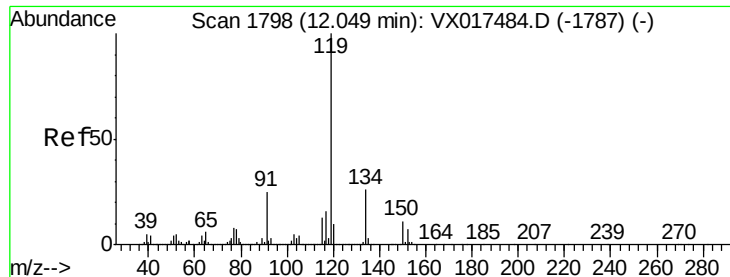
134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

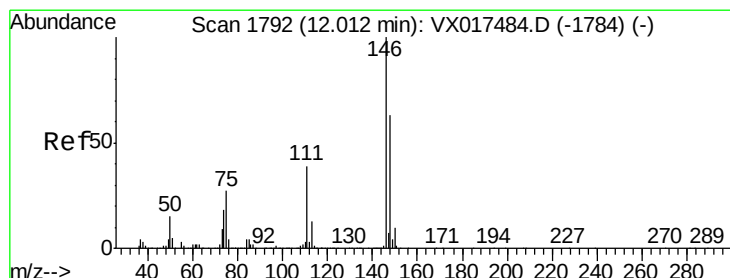
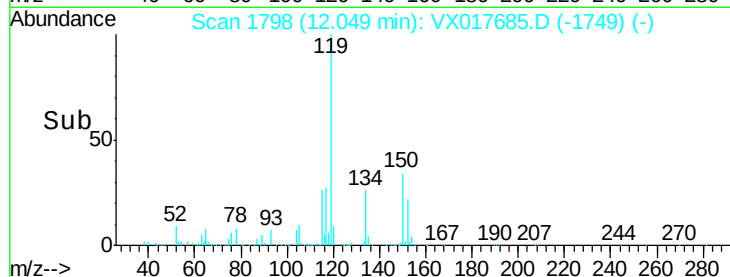
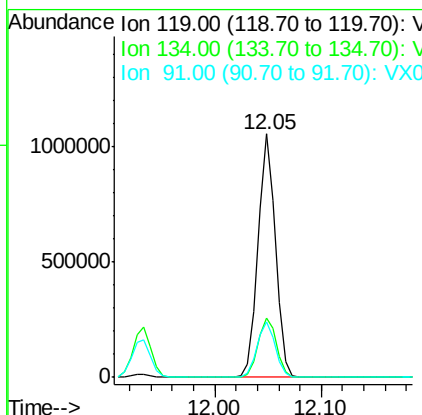
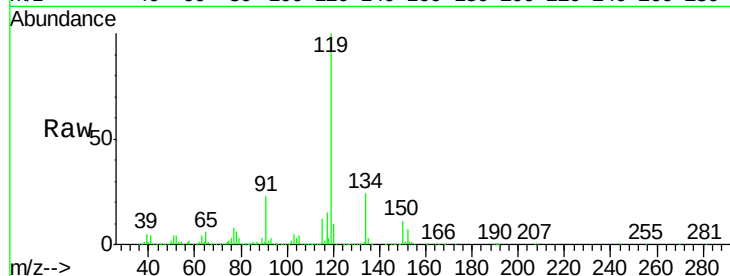




#86
 p-Isopropyltoluene
 Concen: 42.257 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

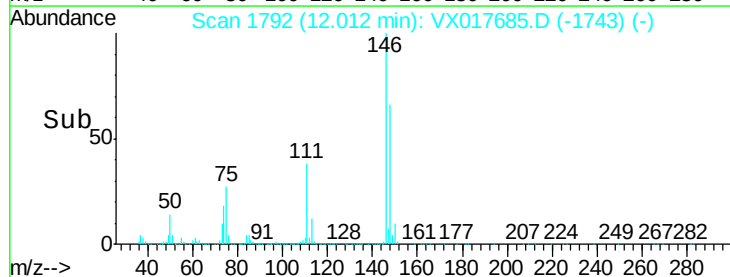
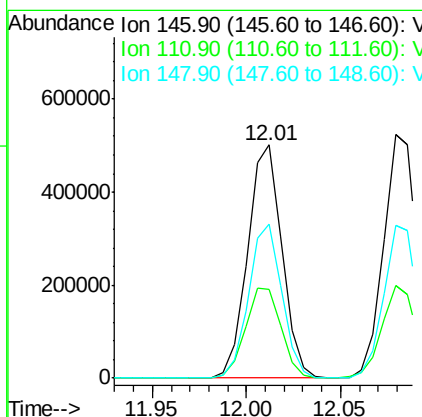
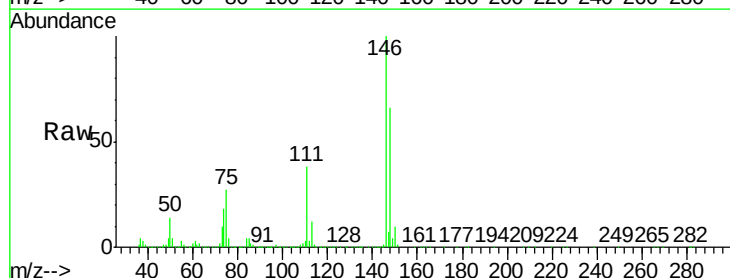
Instrument :
 MSVOA_X
 ClientSampled :
 PK-10DMS

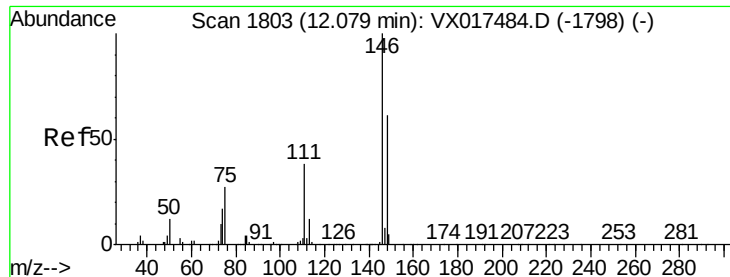
Tot Ion:119 Resp: 1213947
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 23.8 12.1 36.3



#87
 1,3-Dichlorobenzene
 Concen: 41.395 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Tgt Ion:146 Resp: 630784
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.7
 148 64.4 31.6 95.0





#88

1,4-Dichlorobenzene

Concen: 41.656 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

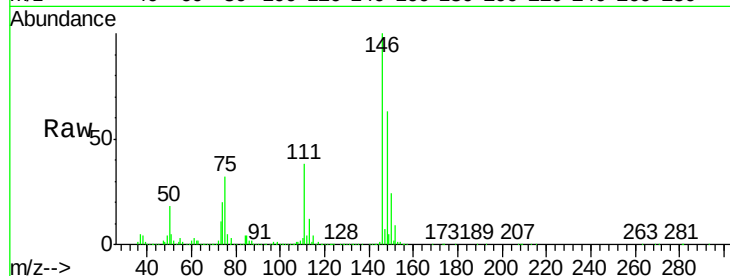
Tot Ion:146 Resp: 657502

Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.8

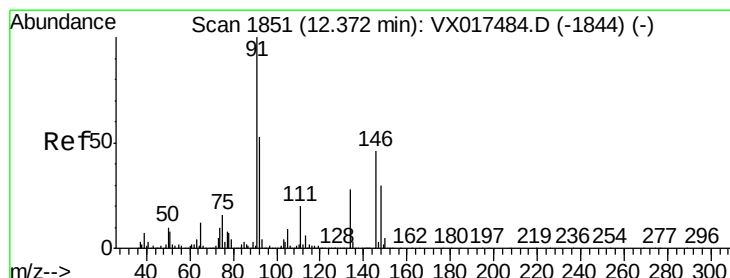
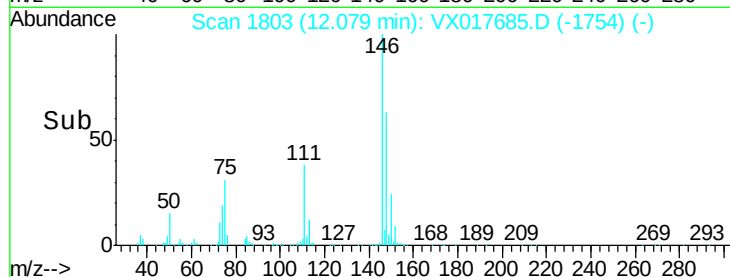
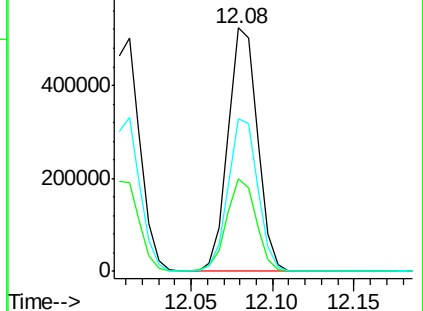
148 62.9 32.2 96.6



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: 40.962 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

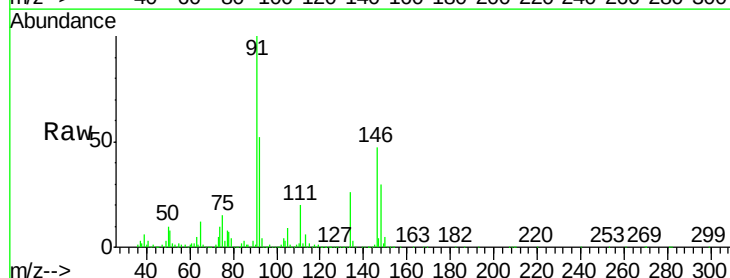
Tgt Ion: 91 Resp: 1048548

Ion Ratio Lower Upper

91 100

92 51.9 26.7 80.1

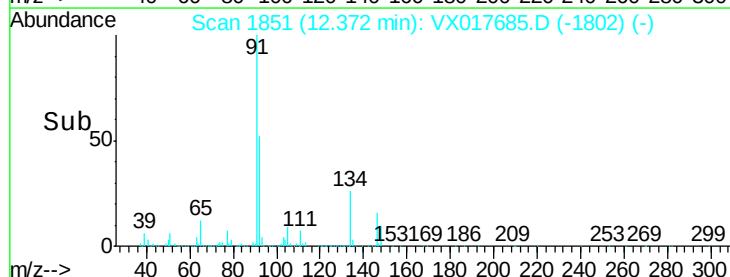
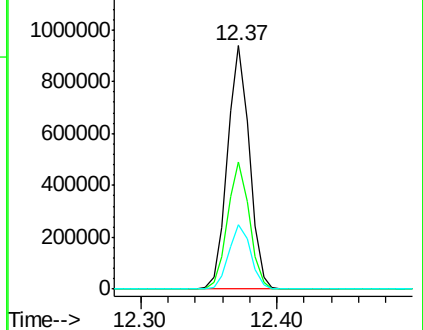
134 26.6 13.6 40.7

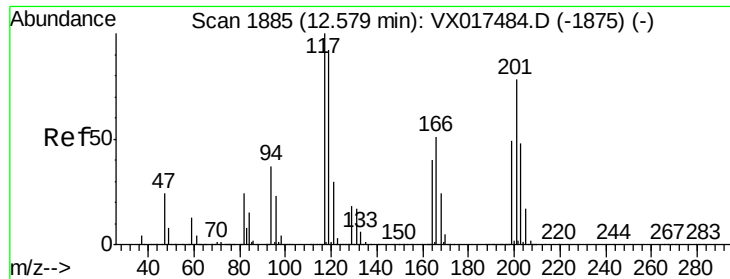


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 40.540 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampled :

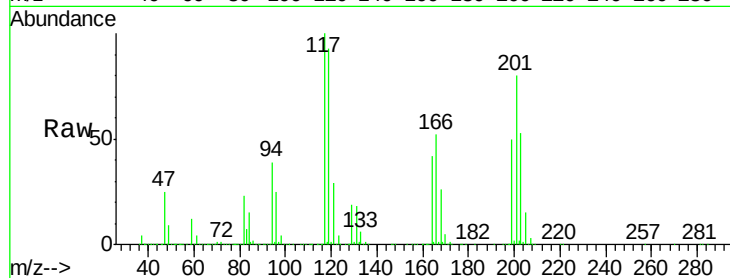
PK-10DMS

Tot Ion:117 Resp: 229607

Ion Ratio Lower Upper

117 100

201 82.5 42.2 126.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

200000

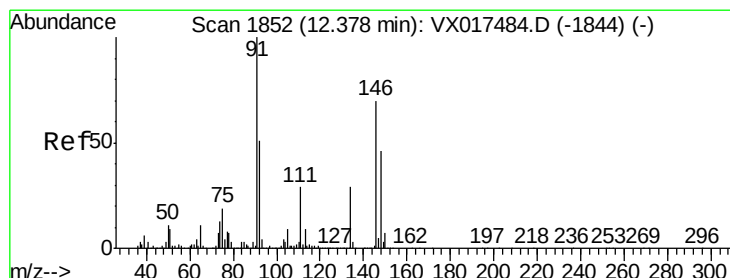
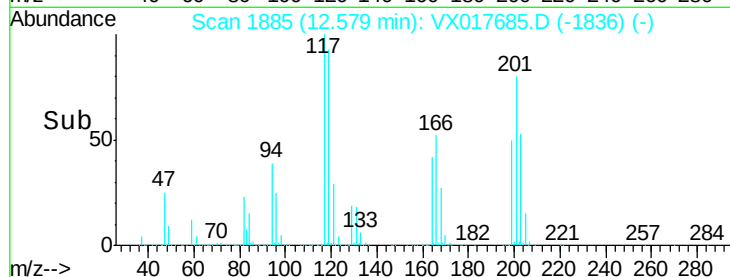
150000

100000

50000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 41.024 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

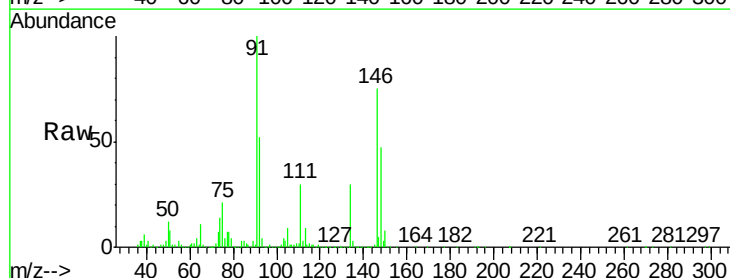
Tgt Ion:146 Resp: 614396

Ion Ratio Lower Upper

146 100

111 40.4 20.9 62.8

148 62.6 32.8 98.4



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

12.38

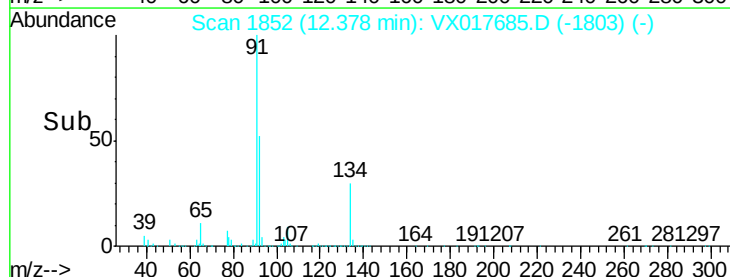
600000

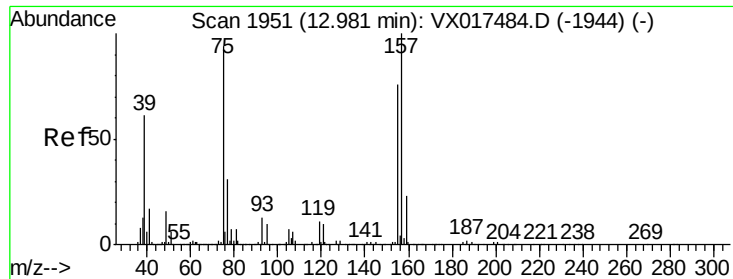
400000

200000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 38.596 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

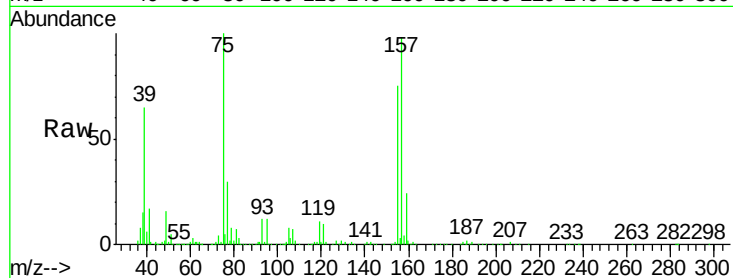
Tot Ion: 75 Resp: 106256

Ion Ratio Lower Upper

75 100

155 83.7 42.3 126.8

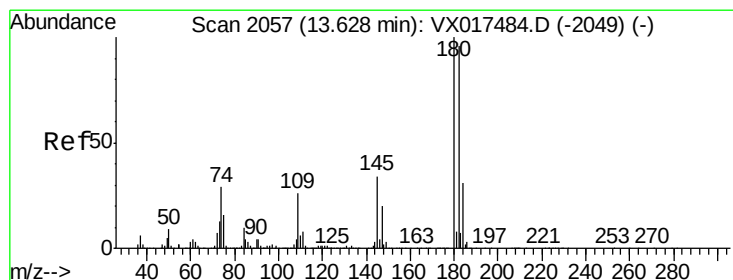
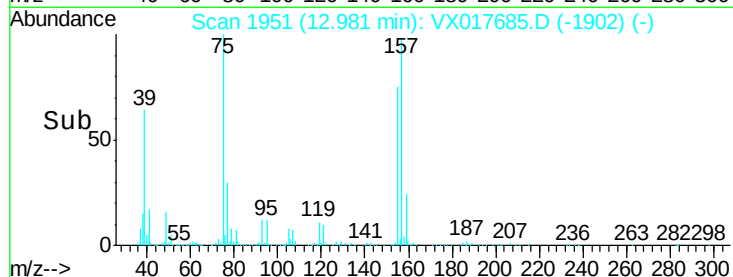
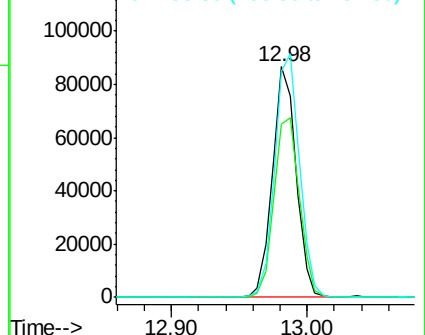
157 109.8 54.3 162.9



Abundance Ion 74.90 (74.60 to 75.60): VX017685.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX017685.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX017685.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 44.092 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

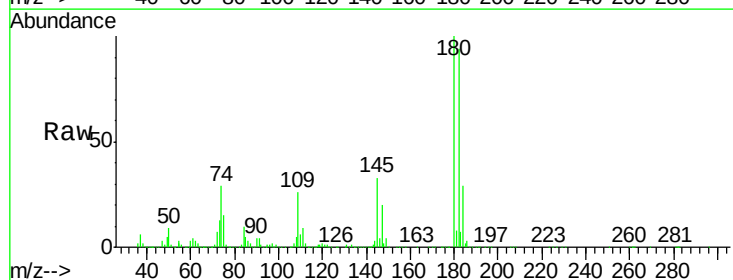
Tgt Ion: 180 Resp: 450682

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.6

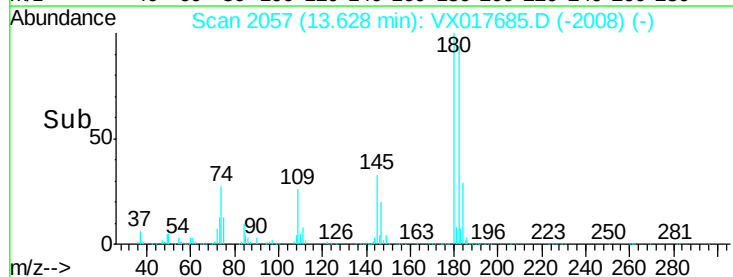
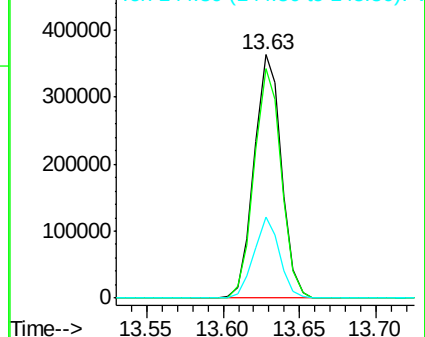
145 31.4 15.4 46.4

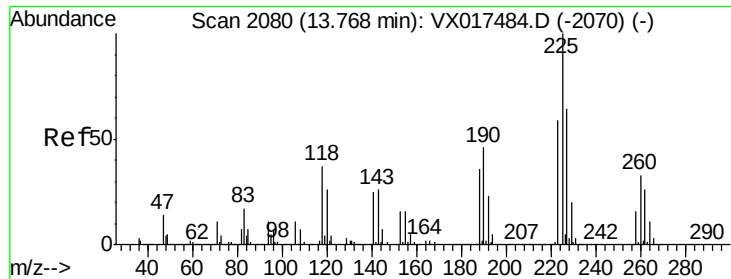


Abundance Ion 179.80 (179.50 to 180.50): VX017685.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX017685.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX017685.D (-2008) (-)

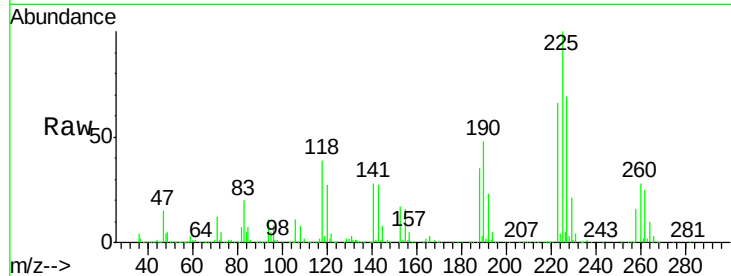




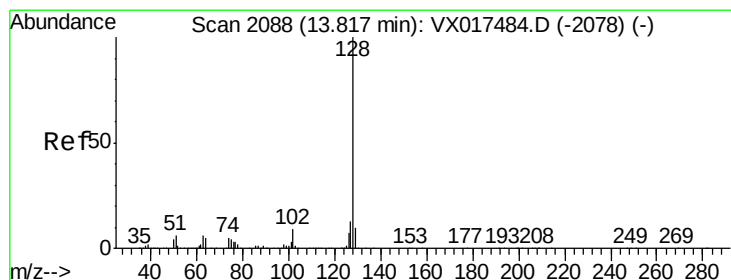
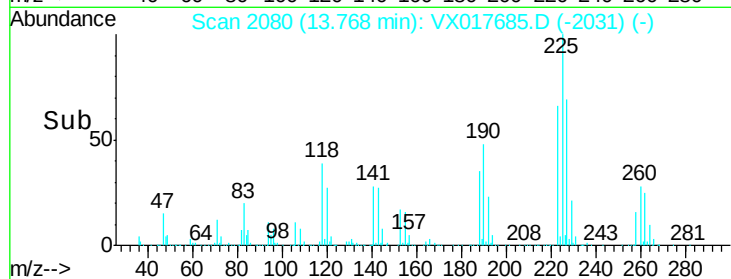
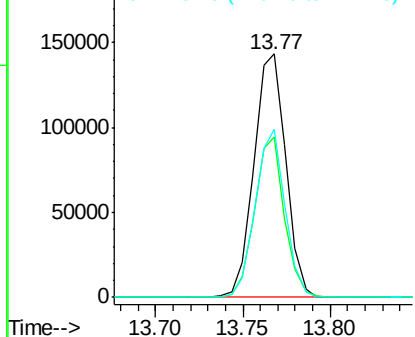
#94
Hexachlorobutadiene
Concen: 38.875 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.3	90.9
227	64.2	31.1	93.2

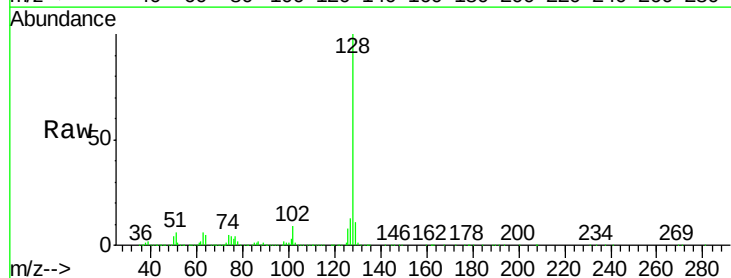


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

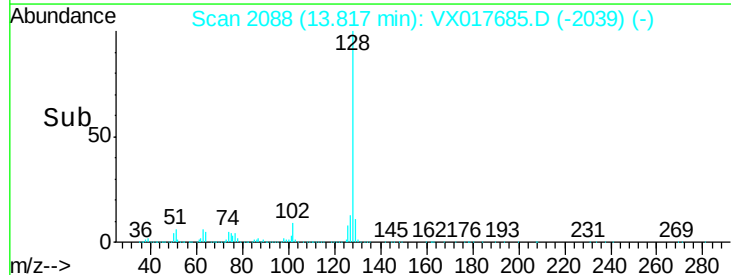
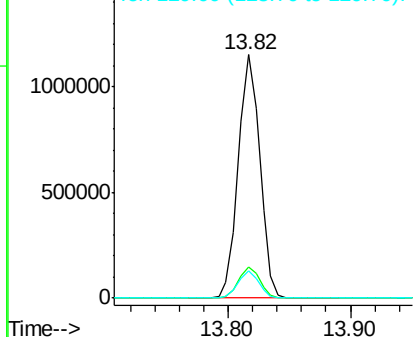


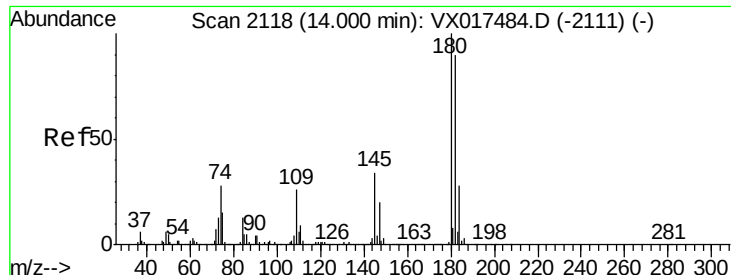
#95
Naphthalene
Concen: 45.915 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.9	13.3



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: 41.934 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

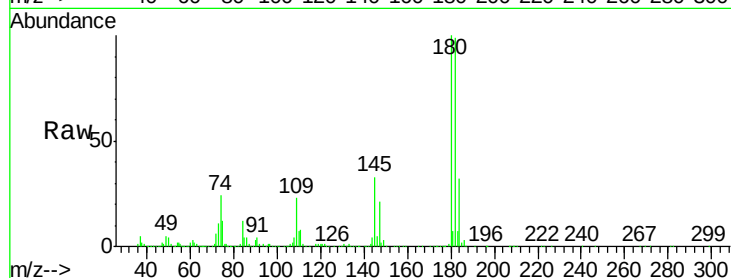
Tot Ion:180 Resp: 423214

Ion Ratio Lower Upper

180 100

182 96.8 47.4 142.3

145 32.2 16.3 48.9



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

