

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
 Data File : VX017686.D
 Acq On : 30 Jul 2020 17:05
 Operator : JC/SP
 Sample : L3514-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

Quant Time: Jul 31 05:38:48 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	533382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	804326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	763247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	392059	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	352548	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	5.47	113	278020	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	8.70	98	985421	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.12	95	389024	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	241326	48.742	ug/l	99
3) Chloromethane	1.31	50	286315	43.475	ug/l	98
4) Vinyl Chloride	1.39	62	285218	42.494	ug/l	97
5) Bromomethane	1.62	94	175528	48.568	ug/l	100
6) Chloroethane	1.71	64	178808	48.285	ug/l	97
7) Trichlorofluoromethane	1.92	101	477139	45.196	ug/l	99
8) Diethyl Ether	2.17	74	163845	47.811	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	252911	43.655	ug/l	97
10) Methyl Iodide	2.50	142	316385	42.687	ug/l	96
11) Tert butyl alcohol	3.02	59	320034	221.627	ug/l	99
12) 1,1-Dichloroethene	2.36	96	245588	44.577	ug/l	98
13) Acrolein	2.27	56	279757	253.688	ug/l	99
14) Allyl chloride	2.71	41	466450	46.368	ug/l	98
15) Acrylonitrile	3.12	53	707768	226.928	ug/l	99
16) Acetone	2.42	43	685443	227.299	ug/l	99
17) Carbon Disulfide	2.55	76	670241	40.025	ug/l	98
18) Methyl Acetate	2.75	43	332662	46.840	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	853440	44.756	ug/l	99
20) Methylene Chloride	2.84	84	277364	48.805	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	265540	44.992	ug/l	100
22) Diisopropyl ether	3.83	45	846093	45.999	ug/l	99
23) Vinyl Acetate	3.79	43	3689471	224.961	ug/l	100
24) 1,1-Dichloroethane	3.67	63	474581	44.789	ug/l	99
25) 2-Butanone	4.64	43	1027858	239.931	ug/l	98
26) 2,2-Dichloropropane	4.55	77	417298	43.996	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	300937	46.945	ug/l	99
28) Bromochloromethane	4.98	49	217083	45.210	ug/l	97
29) Tetrahydrofuran	5.09	42	634367	239.059	ug/l	99
30) Chloroform	5.18	83	595370	54.991	ug/l	99
31) Cyclohexane	5.56	56	388202	45.943	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	486182	47.621	ug/l	98
36) 1,1-Dichloropropene	5.78	75	369160	47.855	ug/l	99
37) Ethyl Acetate	4.80	43	383352	45.418	ug/l	100
38) Carbon Tetrachloride	5.76	117	447392	47.758	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	401962	44.636	ug/l	98
40) Benzene	6.12	78	1050667	47.506	ug/l	97
41) Methacrylonitrile	5.01	41	218402	45.143	ug/l	98
42) 1,2-Dichloroethane	6.17	62	431832	47.727	ug/l	99
43) Isopropyl Acetate	6.42	43	630700	45.288	ug/l	99
44) Trichloroethene	7.19	130	316989	49.044	ug/l	98
45) 1,2-Dichloropropane	7.49	63	276844	45.155	ug/l	98
46) Dibromomethane	7.64	93	198414	45.793	ug/l	99
47) Bromodichloromethane	7.88	83	426431	48.913	ug/l	97
48) Methyl methacrylate	7.75	41	327278	47.410	ug/l	98
49) 1,4-Dioxane	7.71	88	131352	992.456	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2065125	248.531	ug/l	99
52) Toluene	8.77	92	686708	48.416	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	467394	47.892	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	473665	47.583	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	287050	48.582	ug/l	97
56) Ethyl methacrylate	9.16	69	440314	49.464	ug/l	99
57) 1,3-Dichloropropane	9.35	76	476659	48.993	ug/l	100
59) 2-Hexanone	9.48	43	1543366	246.702	ug/l	100
60) Dibromochloromethane	9.57	129	366127	48.753	ug/l	100
61) 1,2-Dibromoethane	9.65	107	315843	50.209	ug/l	100
64) Tetrachloroethene	9.32	164	315307	46.028	ug/l	99
65) Chlorobenzene	10.12	112	796729	48.226	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	316354	47.447	ug/l	99
67) Ethyl Benzene	10.24	91	1325377	48.060	ug/l	99
68) m/p-Xylenes	10.34	106	1014696	94.979	ug/l	97
69) o-Xylene	10.68	106	489566	47.646	ug/l	100
70) Styrene	10.70	104	848851	48.555	ug/l	99
71) Bromoform	10.84	173	268628	46.503	ug/l #	96
73) Isopropylbenzene	11.00	105	1349416	50.172	ug/l	100
74) N-amyl acetate	10.88	43	557015	46.612	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	389505	46.396	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	495433	61.431	ug/l	82
77) Bromobenzene	11.24	156	360640	47.896	ug/l	100
78) n-propylbenzene	11.35	91	1565953	51.623	ug/l	99
79) 2-Chlorotoluene	11.40	91	911925	48.530	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1191213	51.873	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	147096	45.959	ug/l	99
82) 4-Chlorotoluene	11.49	91	1125792	50.789	ug/l	100
83) tert-Butylbenzene	11.76	119	1109144	50.477	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1155354	50.584	ug/l	100
85) sec-Butylbenzene	11.93	105	1297141	50.675	ug/l	100
86) p-Isopropyltoluene	12.05	119	1216327	49.898	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	624973	48.335	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	626408	46.771	ug/l	99
89) n-Butylbenzene	12.37	91	1018507	46.891	ug/l	98
90) Hexachloroethane	12.58	117	227218	47.280	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	593237	46.682	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106060	44.947	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	428881	49.449	ug/l	99

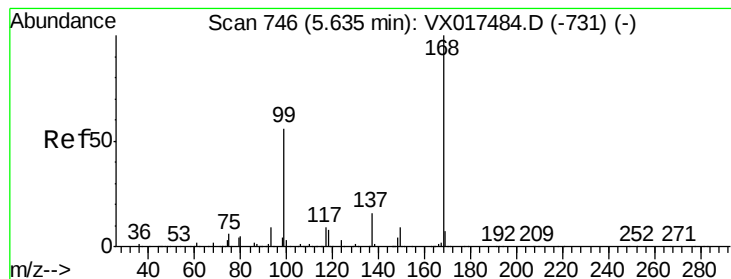
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	176530	44.217	ug/l	96
95) Naphthalene	13.82	128	1308446	50.537	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	427713	49.945	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: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

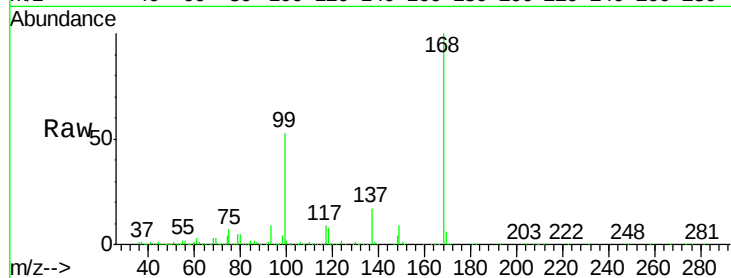
PK-10DMSD

Tot Ion:168 Resp: 533382

Ion Ratio Lower Upper

168 100

99 52.9 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

200000

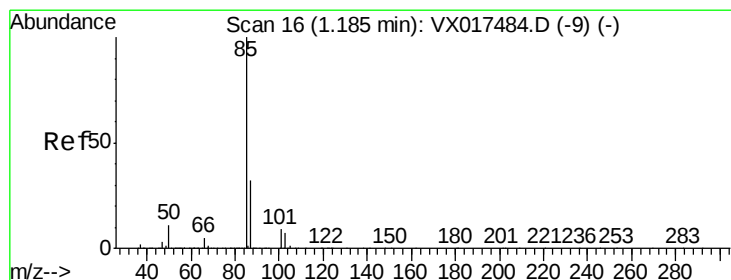
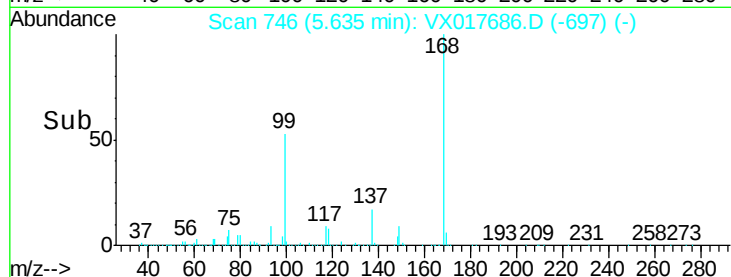
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.742 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017686.D

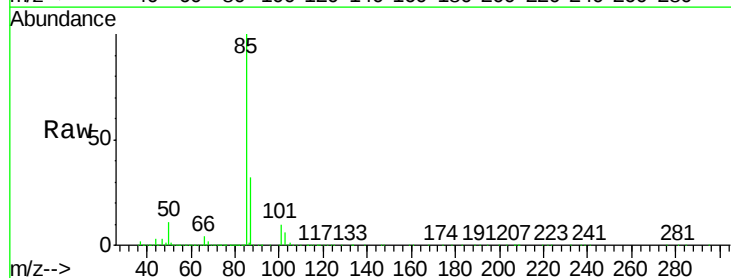
Acq: 30 Jul 2020 17:05

Tgt Ion: 85 Resp: 241326

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

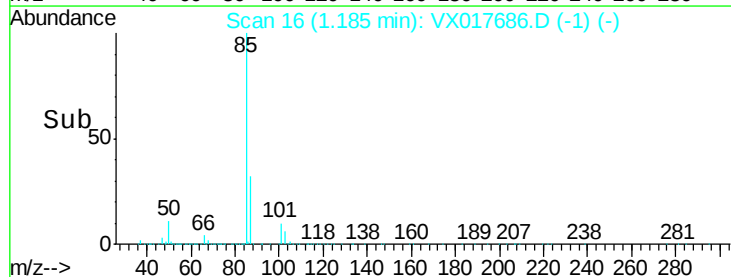
150000

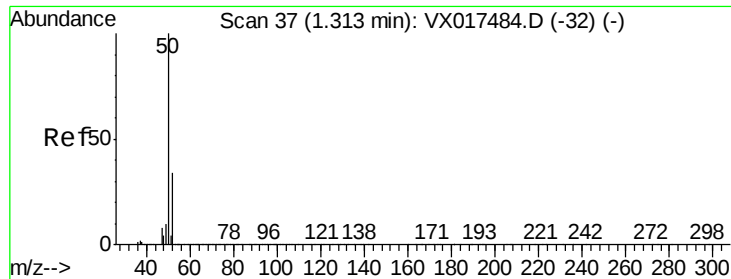
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.475 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

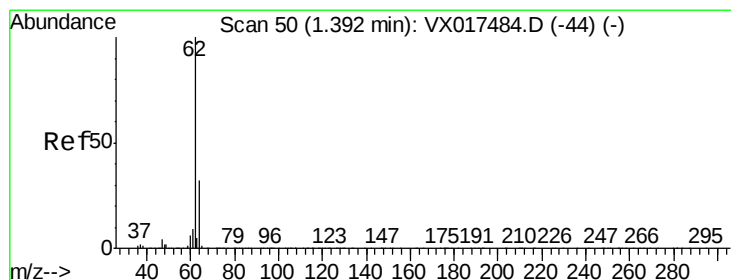
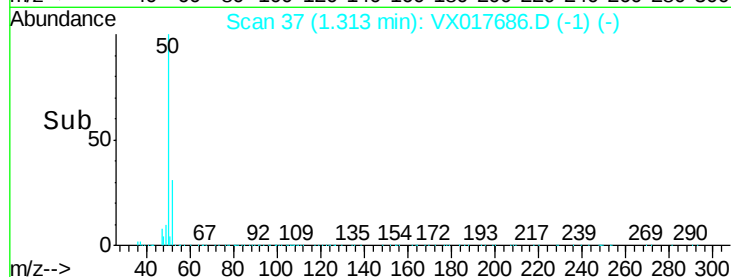
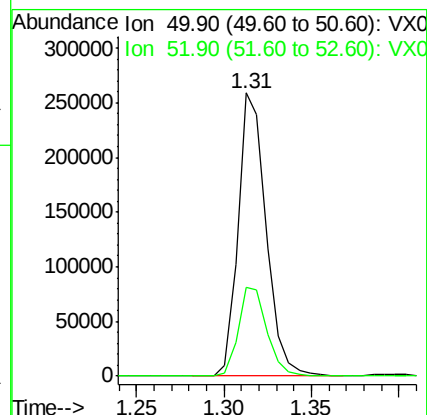
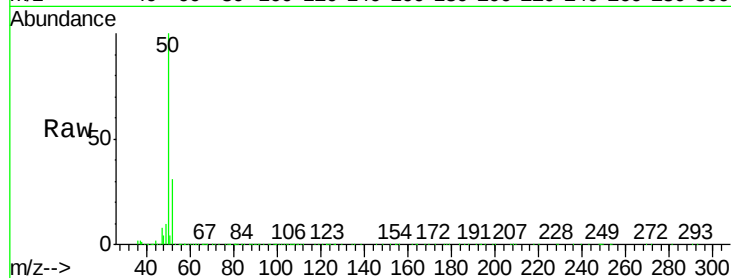
PK-10DMSD

Tot Ion: 50 Resp: 286315

Ion Ratio Lower Upper

50 100

52 31.2 25.9 38.9



#4

Vinyl Chloride

Concen: 42.494 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017686.D

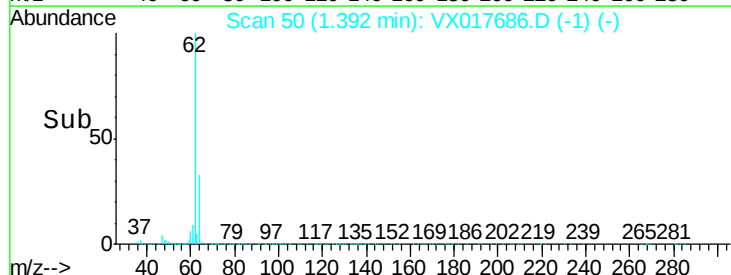
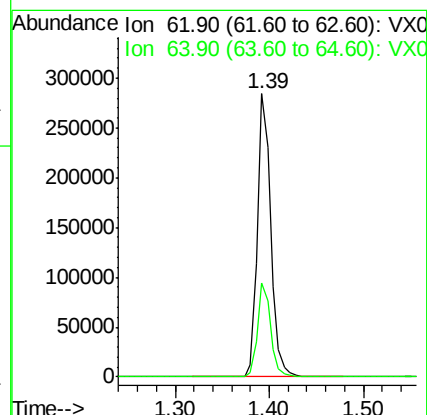
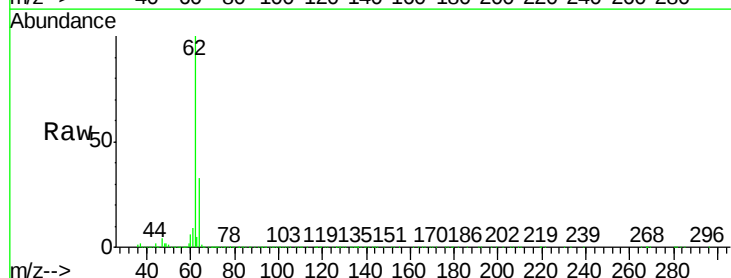
Acq: 30 Jul 2020 17:05

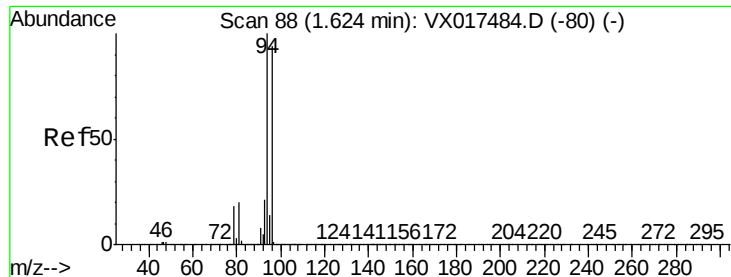
Tgt Ion: 62 Resp: 285218

Ion Ratio Lower Upper

62 100

64 33.0 25.2 37.8





#5

Bromomethane

Concen: 48.568 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

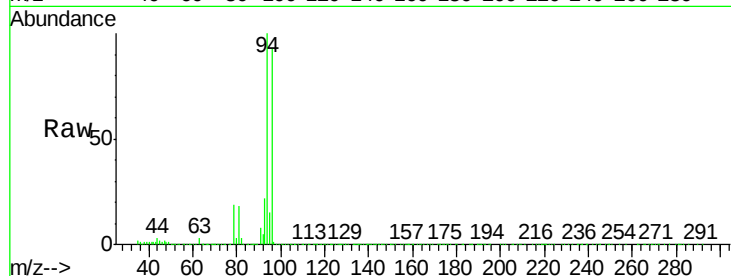
PK-10DMSD

Tot Ion: 94 Resp: 175528

Ion Ratio Lower Upper

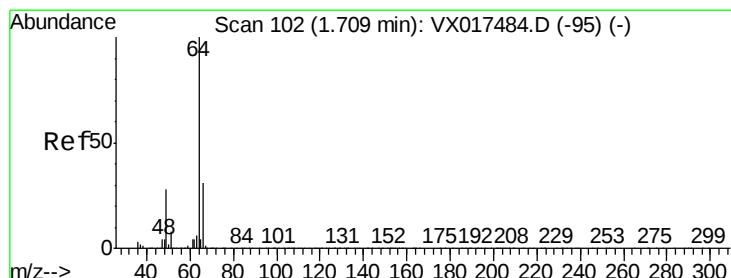
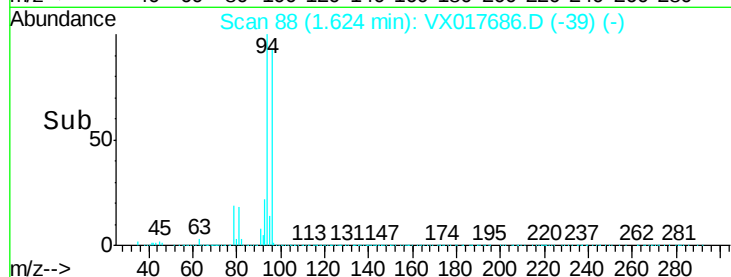
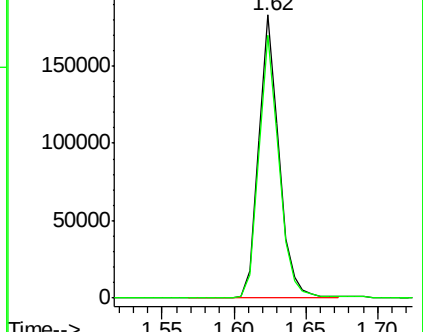
94 100

96 93.0 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: 48.285 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017686.D

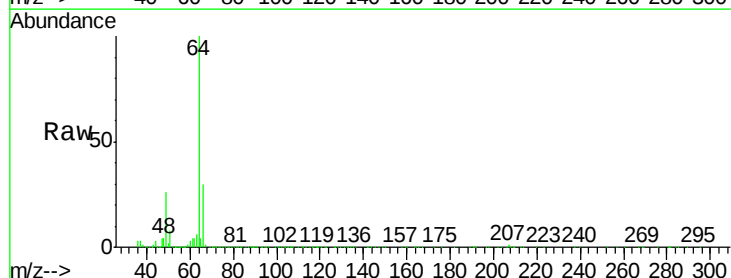
Acq: 30 Jul 2020 17:05

Tgt Ion: 64 Resp: 178808

Ion Ratio Lower Upper

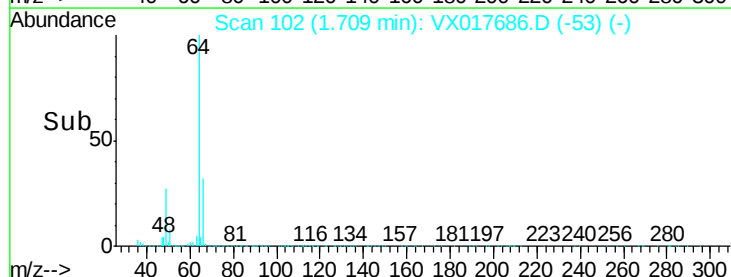
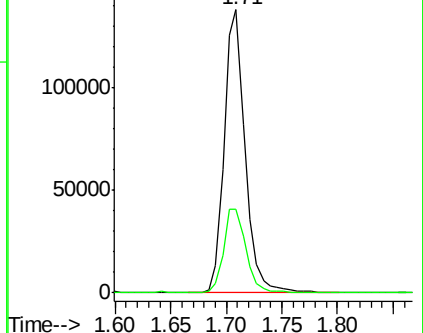
64 100

66 29.5 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



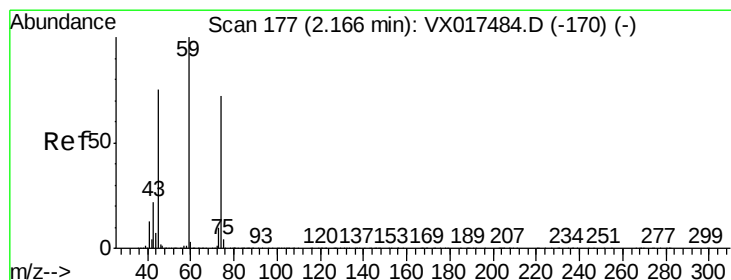
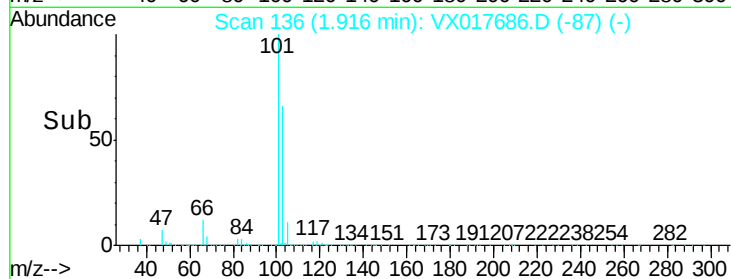
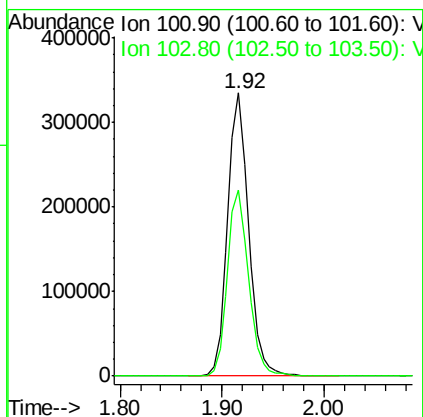
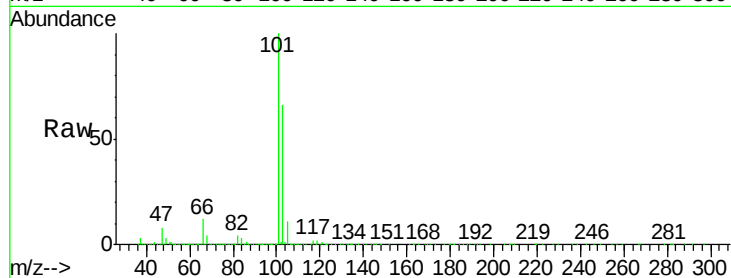


#7

Trichlorofluoromethane
 Concen: 45.196 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017686.D
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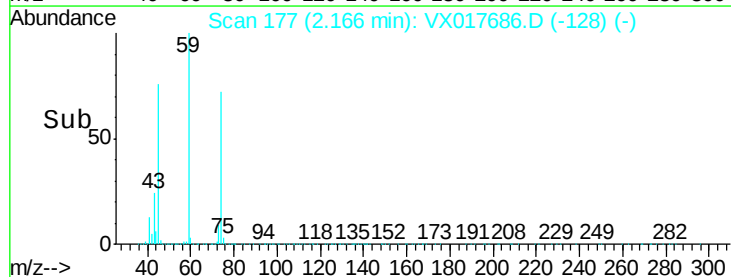
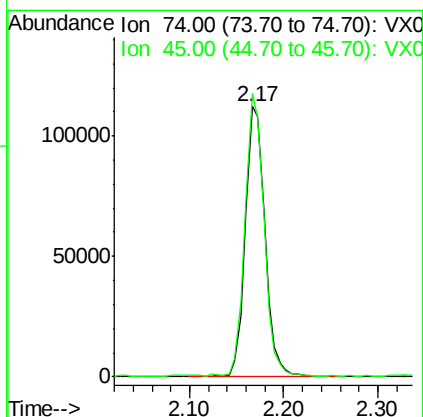
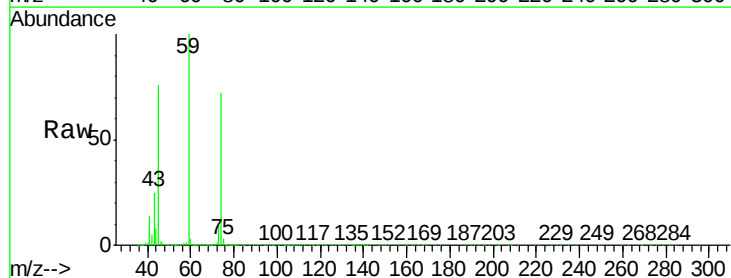
Tot Ion:101 Resp: 477139
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.8 77.8

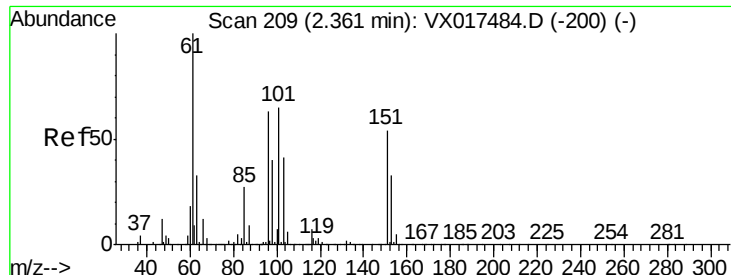


#8

Diethyl Ether
 Concen: 47.811 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion: 74 Resp: 163845
 Ion Ratio Lower Upper
 74 100
 45 101.1 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.655 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

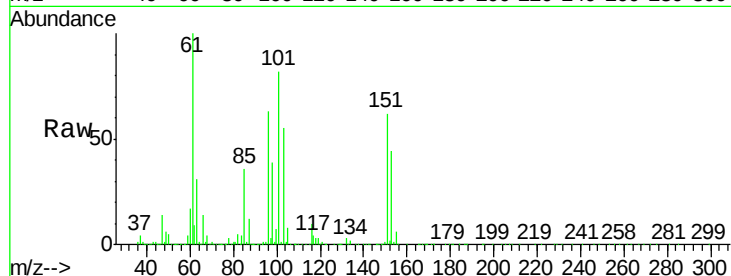
Tot Ion:101 Resp: 252911

Ion Ratio Lower Upper

101 100

85 43.8 34.8 52.2

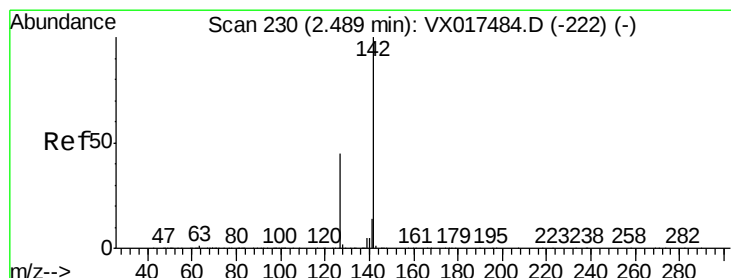
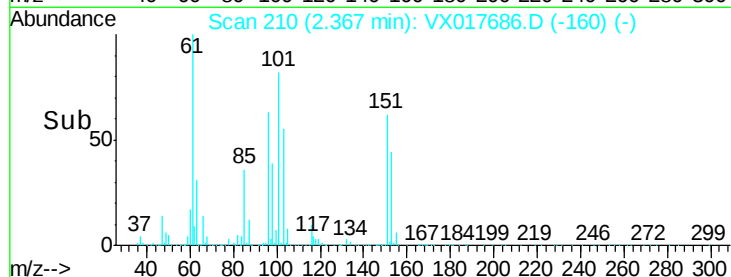
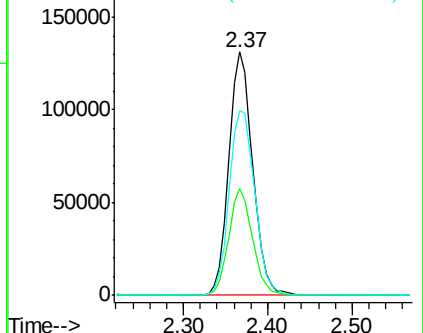
151 81.3 68.0 102.0



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: 42.687 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

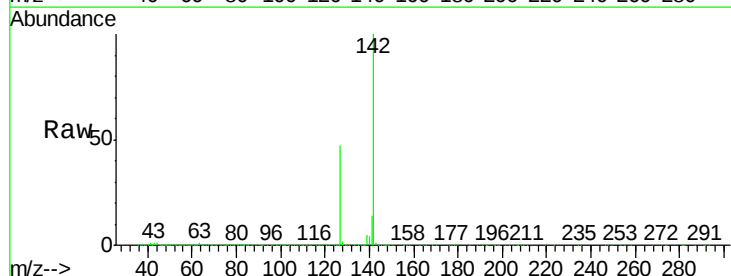
Tgt Ion:142 Resp: 316385

Ion Ratio Lower Upper

142 100

127 47.9 35.9 53.9

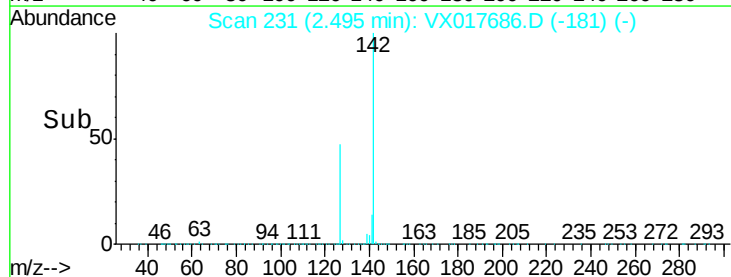
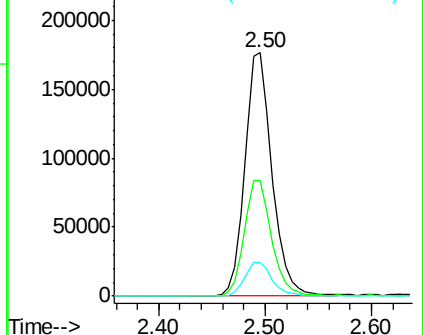
141 14.3 11.4 17.0

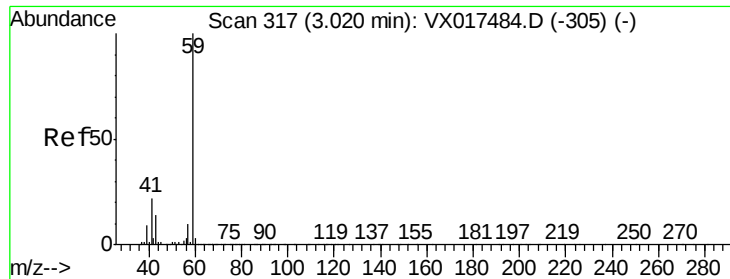


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

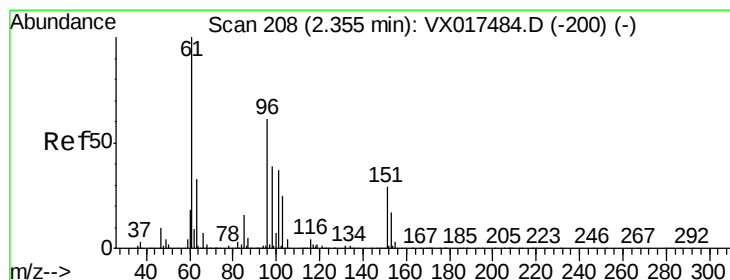
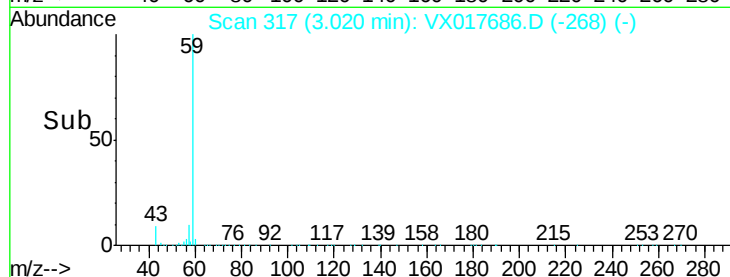
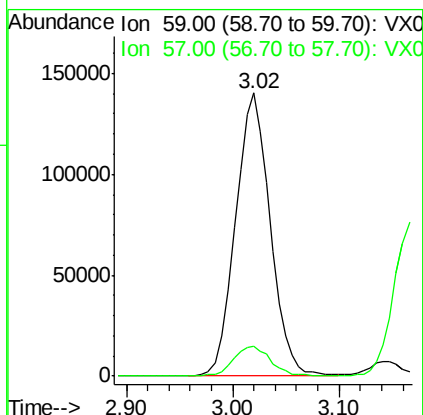
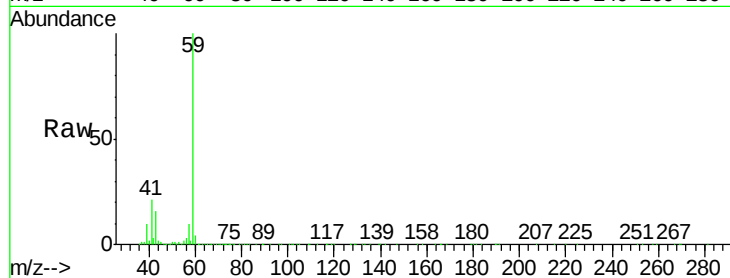




#11
Tert butyl alcohol
Concen: 221.627 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

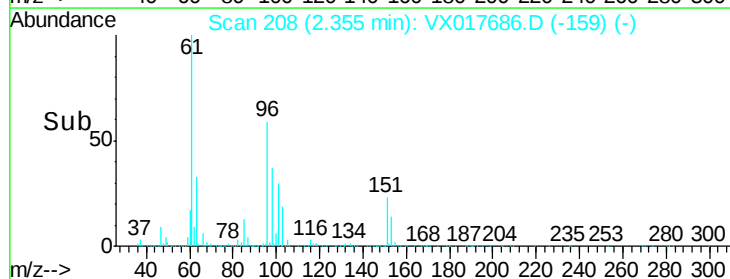
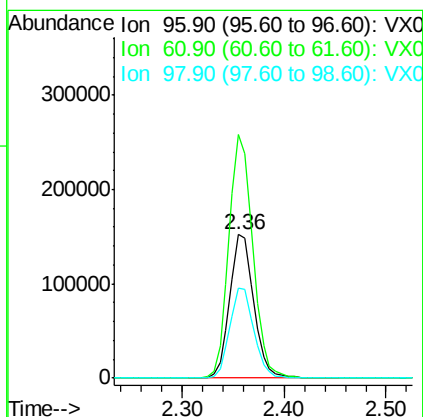
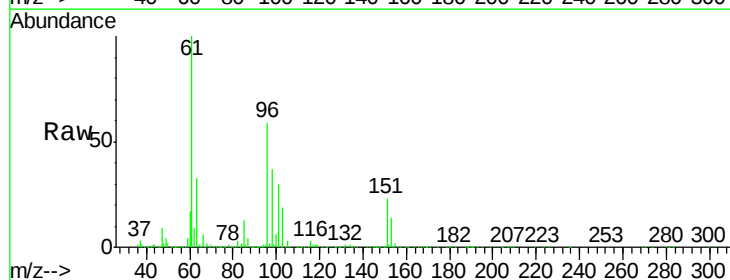
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

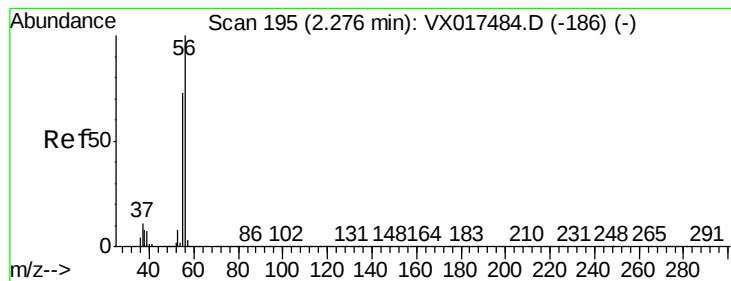
Tot Ion: 59 Resp: 320034
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 44.577 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion: 96 Resp: 245588
Ion Ratio Lower Upper
96 100
61 170.1 134.0 201.0
98 63.2 51.0 76.4





#13

Acrolein

Concen: 253.688 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

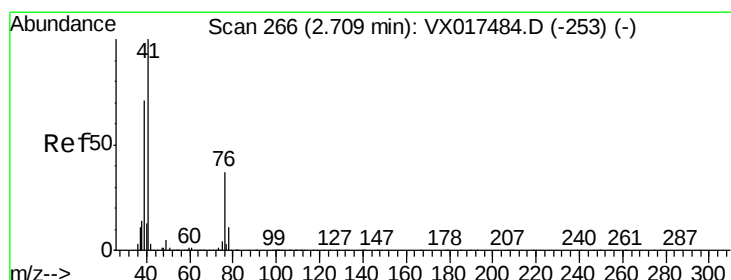
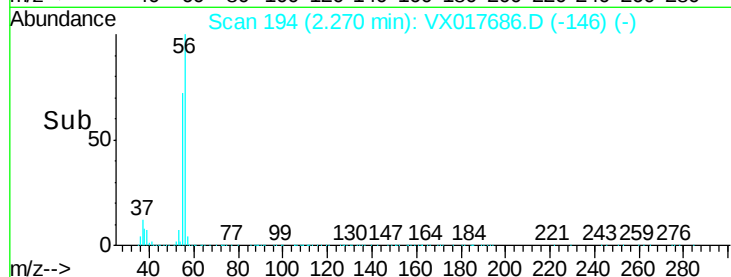
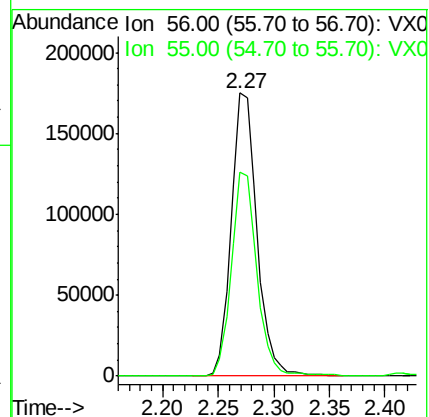
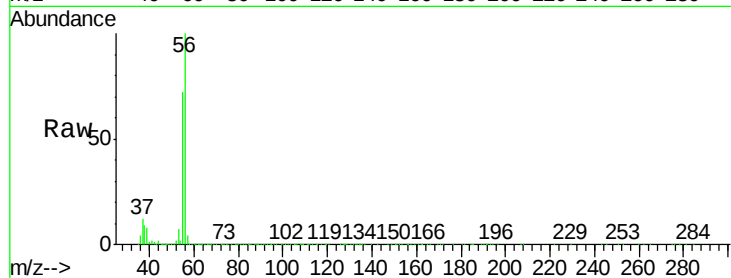
PK-10DMSD

Tot Ion: 56 Resp: 279757

Ion Ratio Lower Upper

56 100

55 71.1 57.4 86.2



#14

Allyl chloride

Concen: 46.368 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

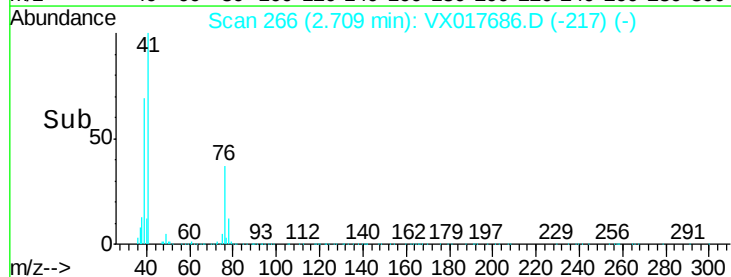
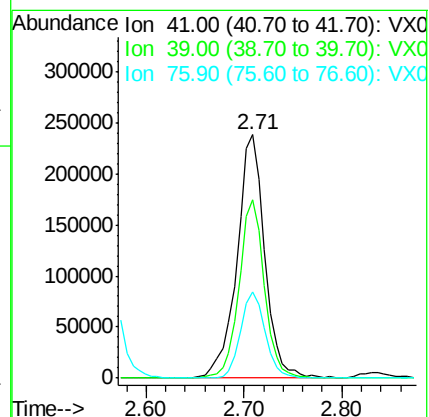
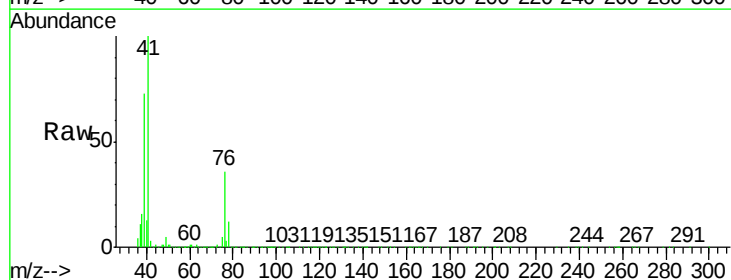
Tgt Ion: 41 Resp: 466450

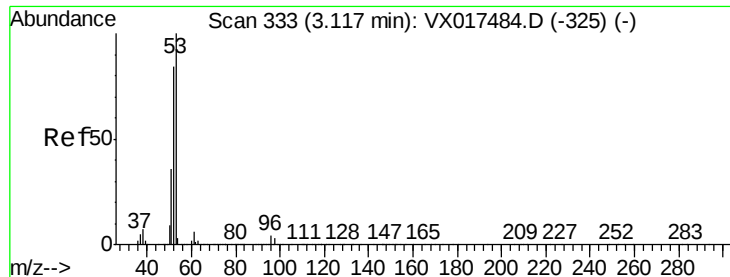
Ion Ratio Lower Upper

41 100

39 66.9 51.9 77.9

76 31.5 25.5 38.3





#15

Acrylonitrile

Concen: 226.928 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

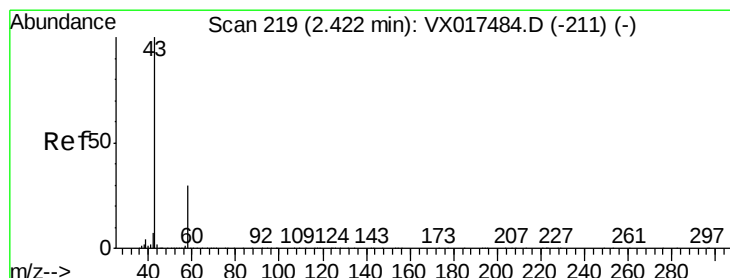
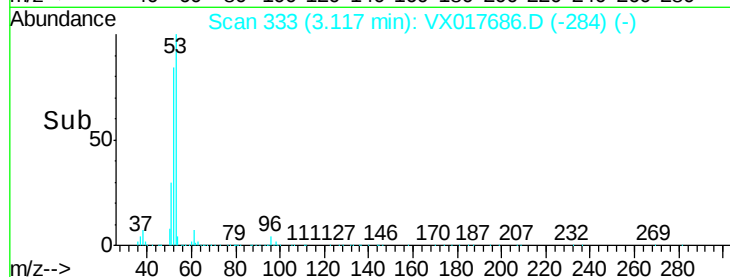
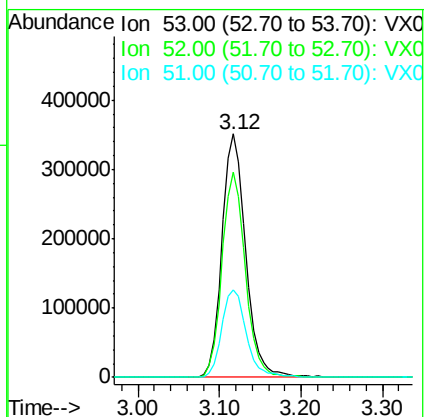
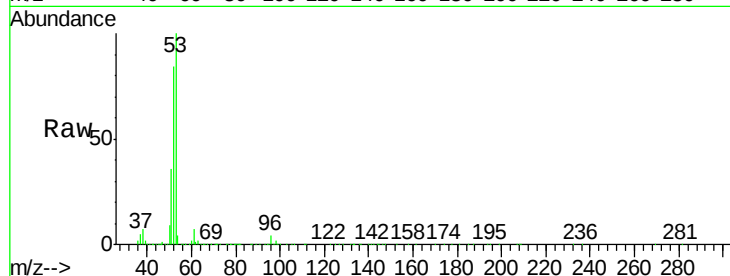
Tot Ion: 53 Resp: 707768

Ion Ratio Lower Upper

53 100

52 82.9 66.6 99.8

51 37.4 29.4 44.2



#16

Acetone

Concen: 227.299 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017686.D

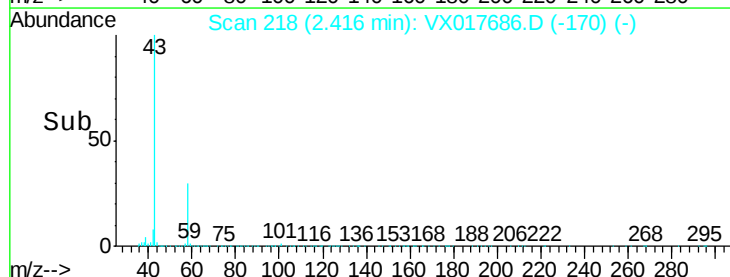
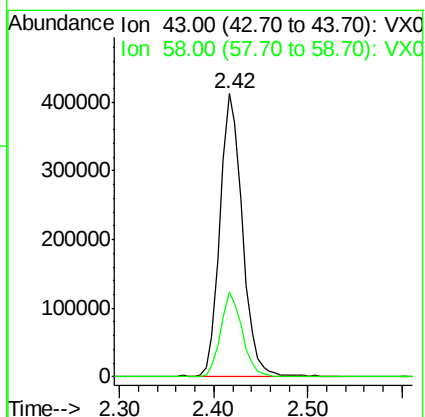
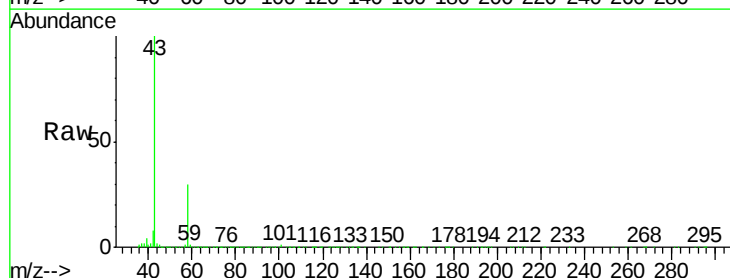
Acq: 30 Jul 2020 17:05

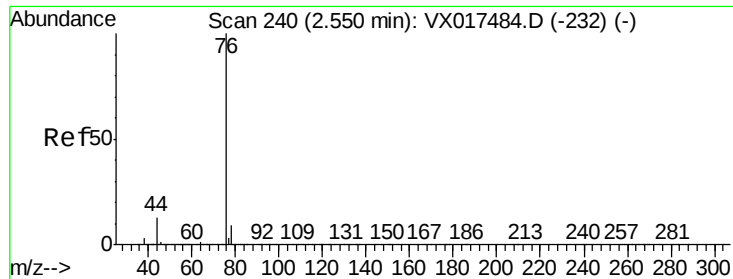
Tgt Ion: 43 Resp: 685443

Ion Ratio Lower Upper

43 100

58 29.8 24.2 36.4





#17

Carbon Disulfide

Concen: 40.025 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

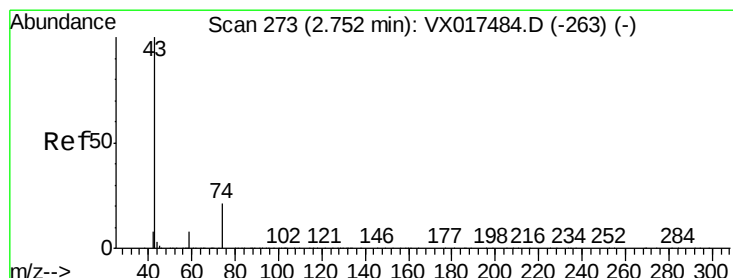
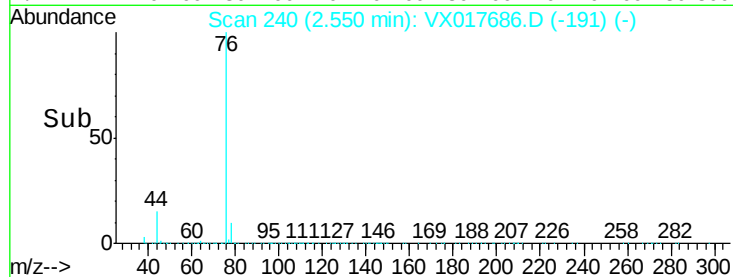
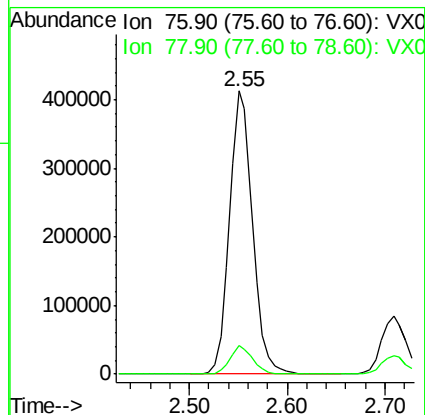
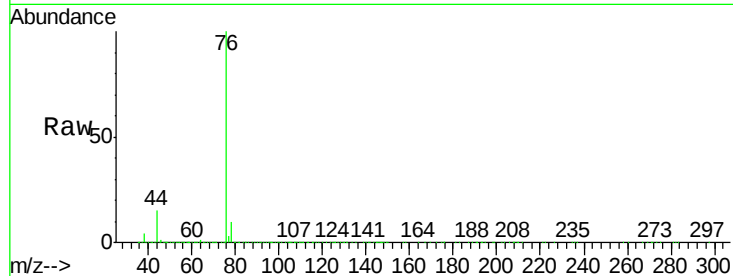
PK-10DMSD

Tot Ion: 76 Resp: 670241

Ion Ratio Lower Upper

76 100

78 10.3 7.5 11.3



#18

Methyl Acetate

Concen: 46.840 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017686.D

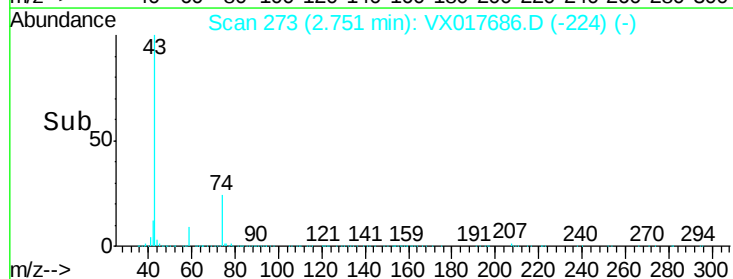
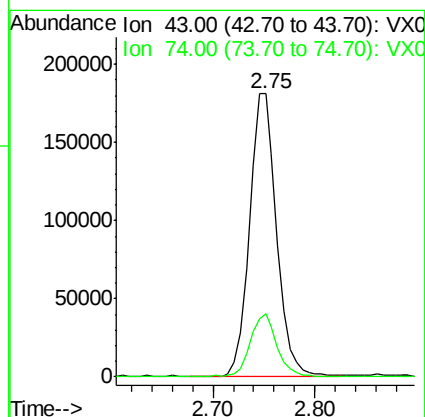
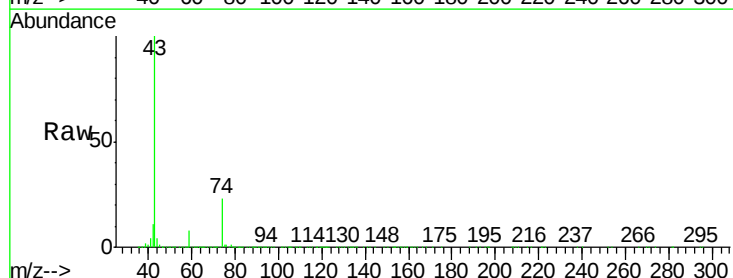
Acq: 30 Jul 2020 17:05

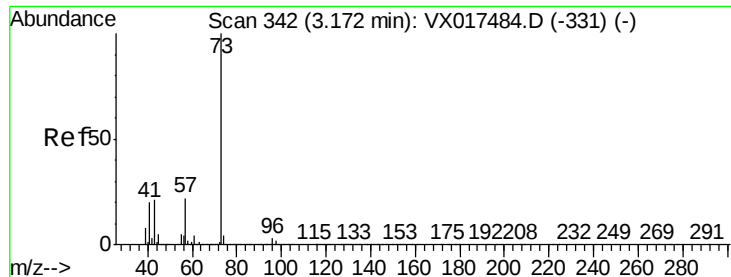
Tgt Ion: 43 Resp: 332662

Ion Ratio Lower Upper

43 100

74 22.6 17.5 26.3



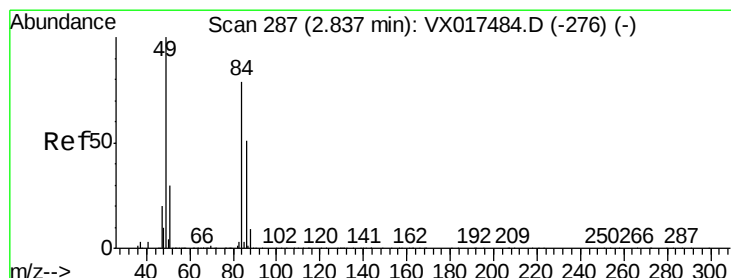
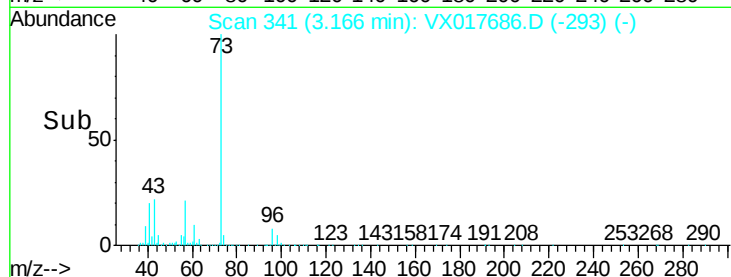
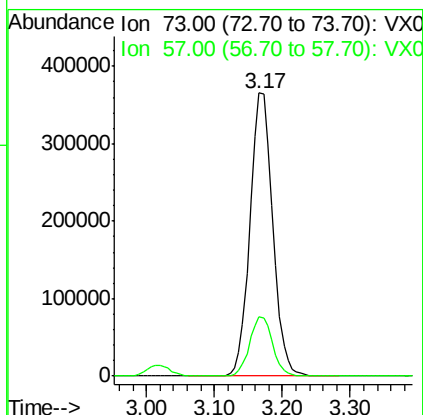
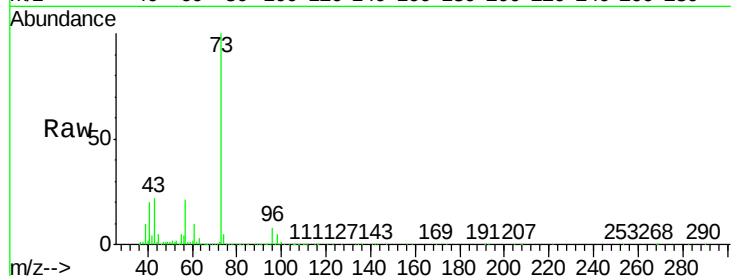


#19

Methyl tert-butyl Ether
 Concen: 44.756 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

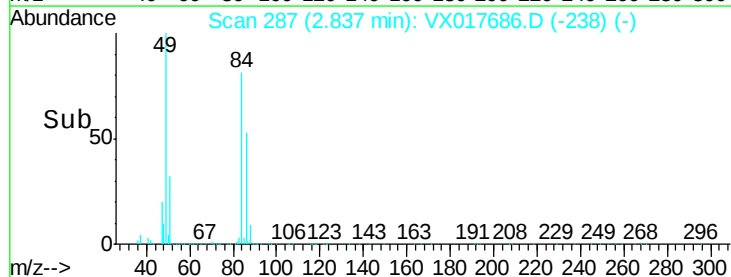
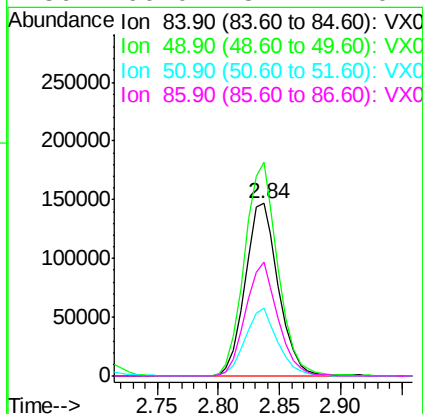
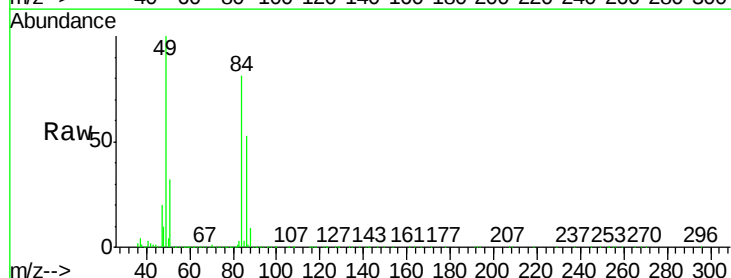
Tot Ion: 73 Resp: 853440
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.0 25.4

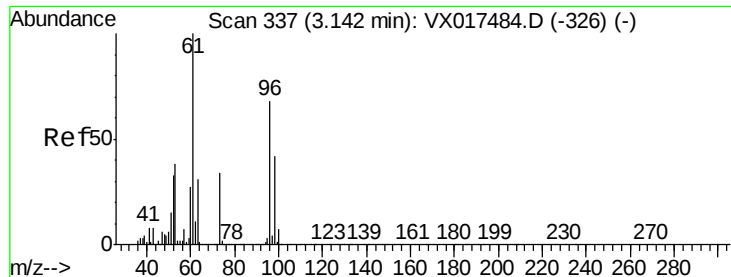


#20

Methylene Chloride
 Concen: 48.805 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion: 84 Resp: 277364
 Ion Ratio Lower Upper
 84 100
 49 123.8 100.3 150.5
 51 39.1 30.5 45.7
 86 66.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 44.992 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

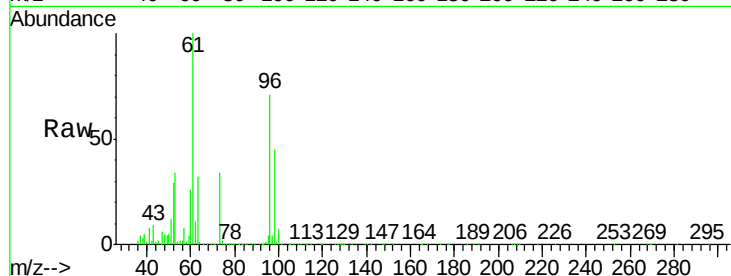
Tot Ion: 96 Resp: 265540

Ion Ratio Lower Upper

96 100

61 141.3 113.0 169.4

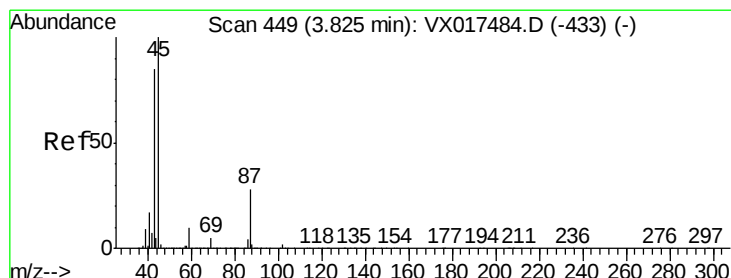
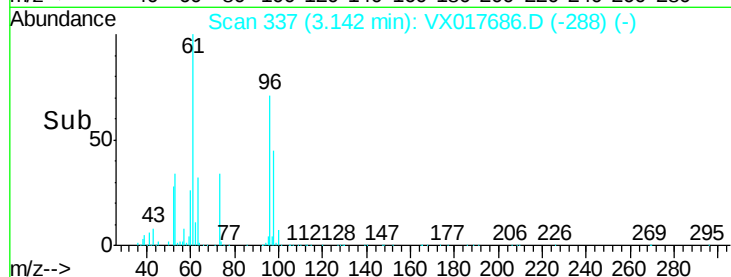
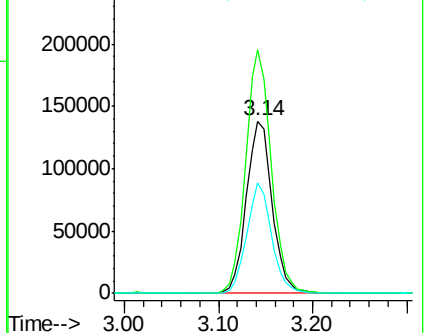
98 63.9 51.8 77.8



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: 45.999 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Tgt Ion: 45 Resp: 846093

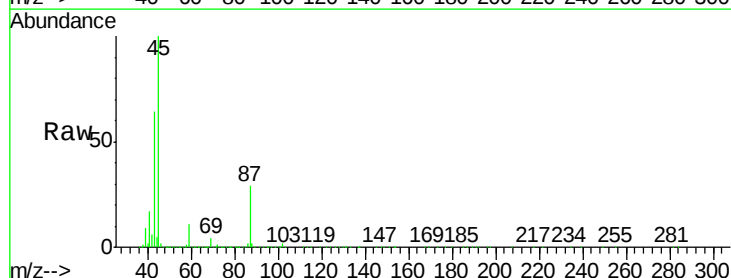
Ion Ratio Lower Upper

45 100

43 64.5 52.0 78.0

87 29.3 22.2 33.4

59 10.5 8.9 13.3

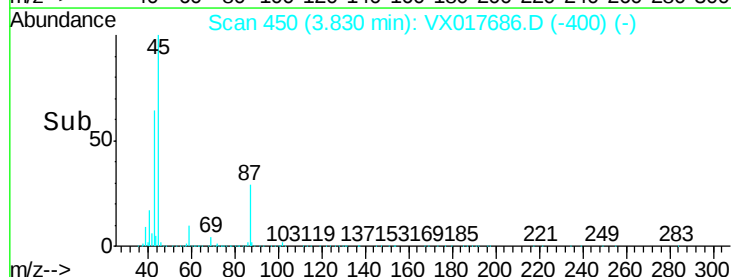
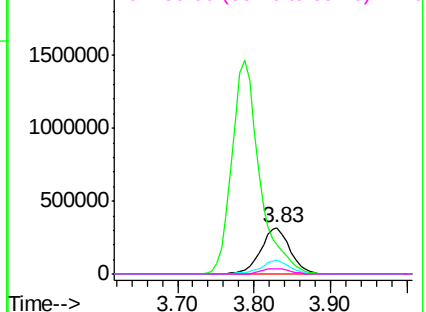


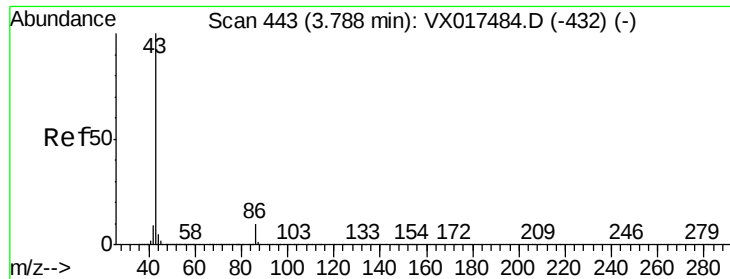
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 224.961 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

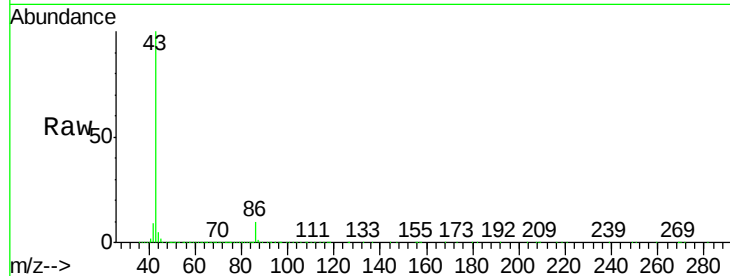
PK-10DMSD

Tot Ion: 43 Resp: 3689471

Ion Ratio Lower Upper

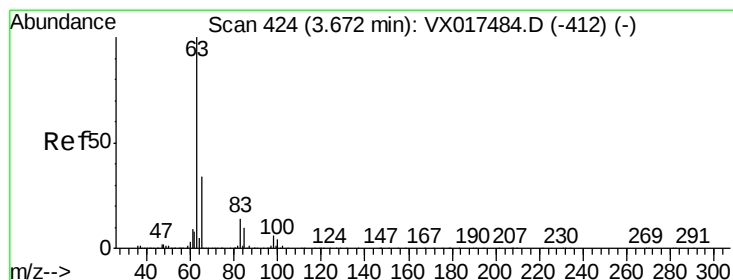
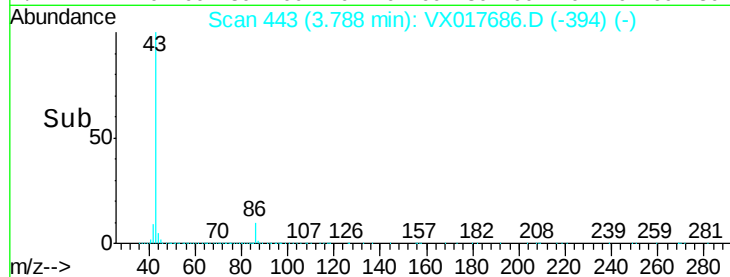
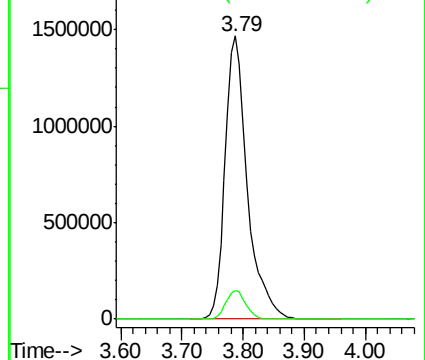
43 100

86 10.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 44.789 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

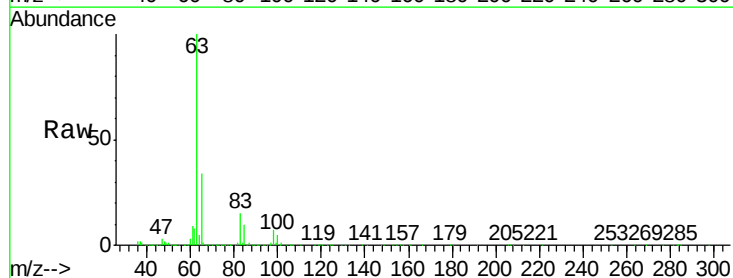
Tgt Ion: 63 Resp: 474581

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

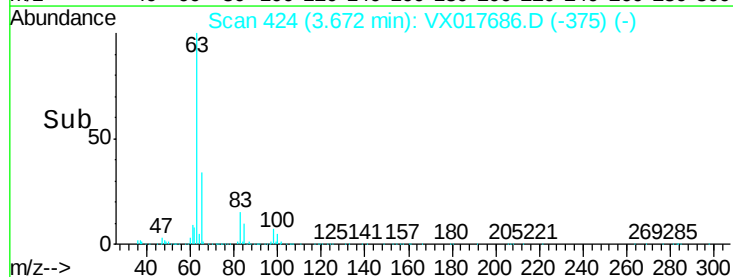
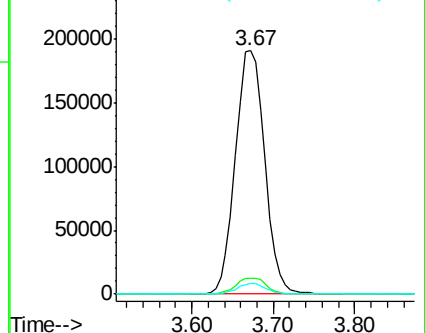
100 4.5 1.9 5.7

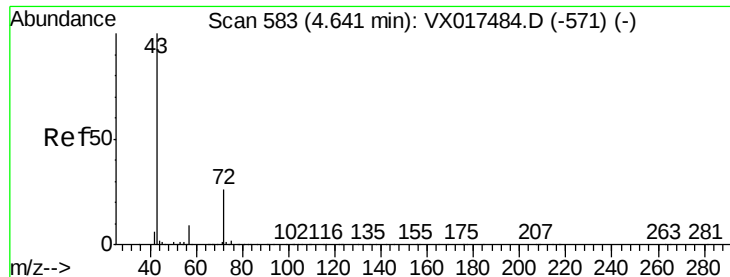


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 239.931 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

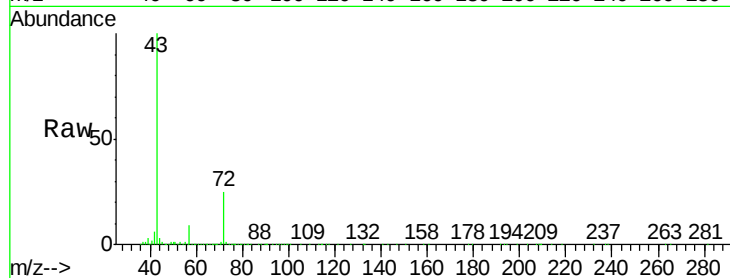
PK-10DMSD

Tot Ion: 43 Resp: 1027858

Ion Ratio Lower Upper

43 100

72 24.5 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.64

400000

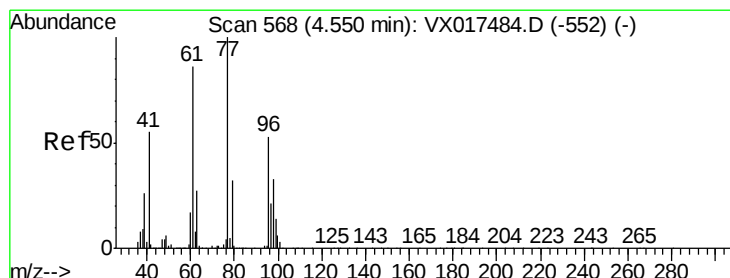
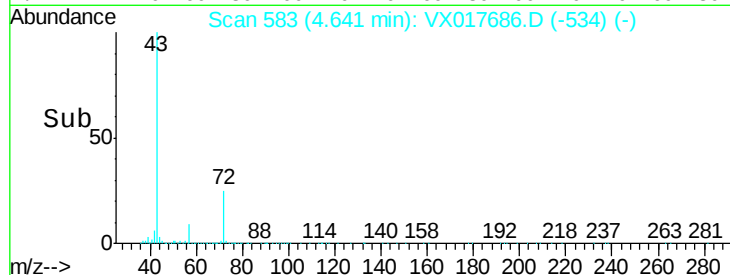
300000

200000

100000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 43.996 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017686.D

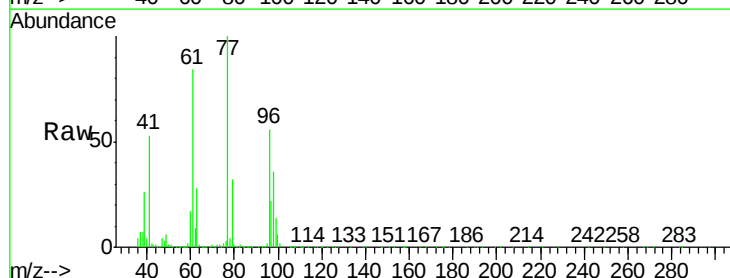
Acq: 30 Jul 2020 17:05

Tgt Ion: 77 Resp: 417298

Ion Ratio Lower Upper

77 100

97 23.0 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

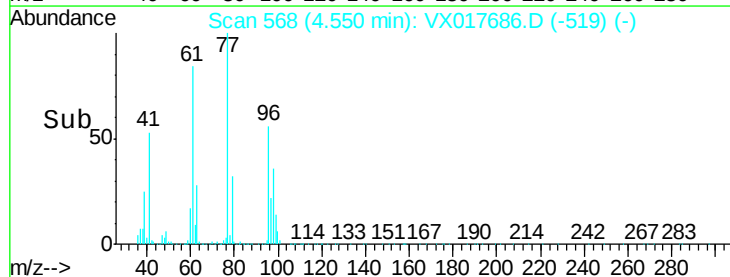
150000

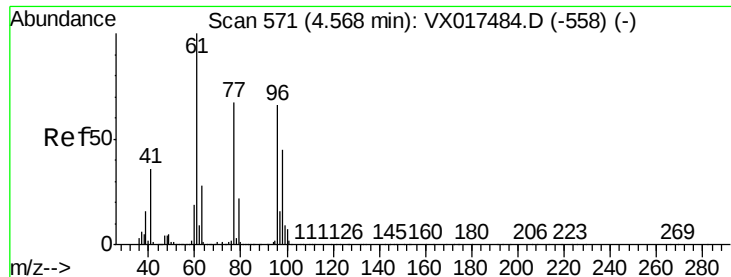
100000

50000

0

Time--> 4.40 4.50 4.60 4.70



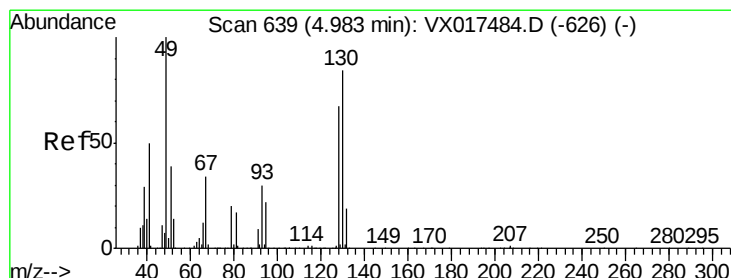
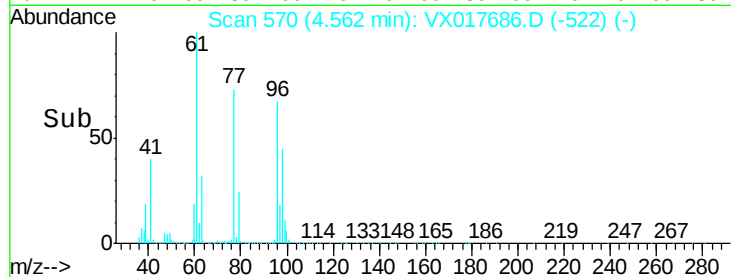
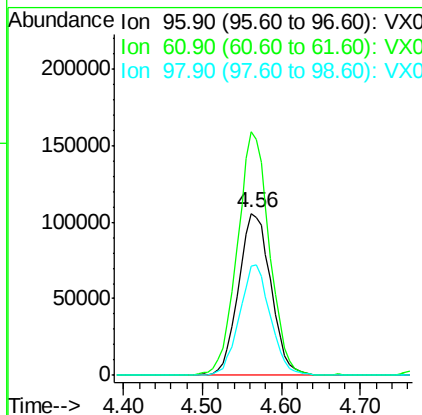
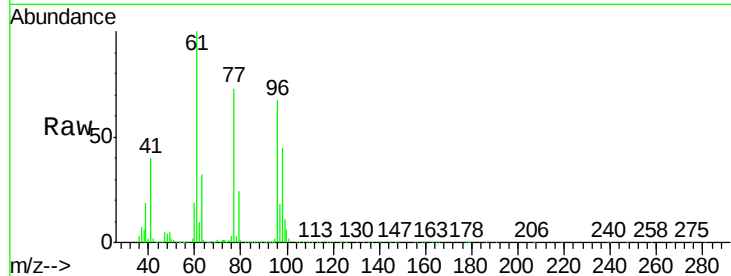


#27

cis-1,2-Dichloroethene
Concen: 46.945 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

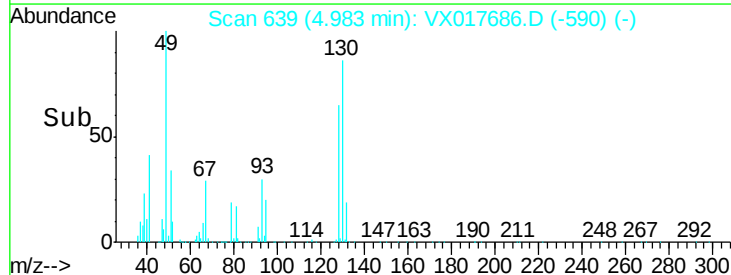
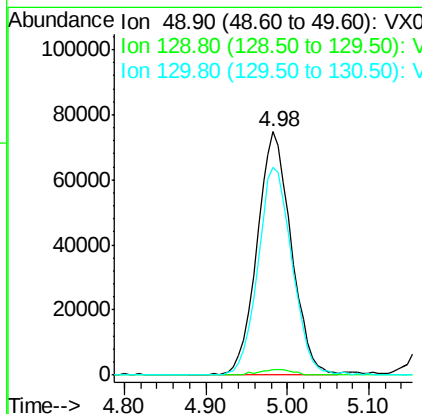
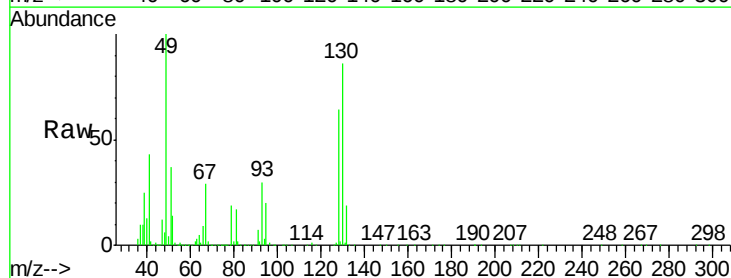
Tot Ion	96	Resp	300937
Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	301.2
98	65.5	0.0	130.0

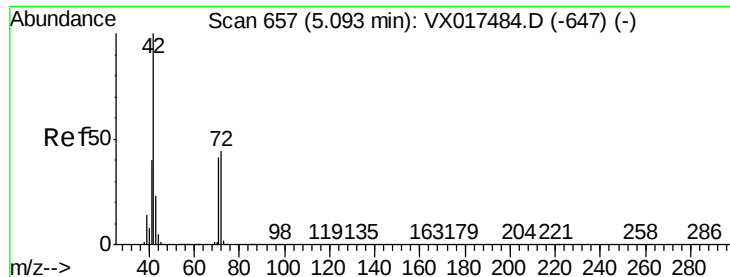


#28

Bromochloromethane
Concen: 45.210 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion	49	Resp	217083
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	85.7	66.7	100.1





#29

Tetrahydrofuran

Concen: 239.059 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampled :

PK-10DMSD

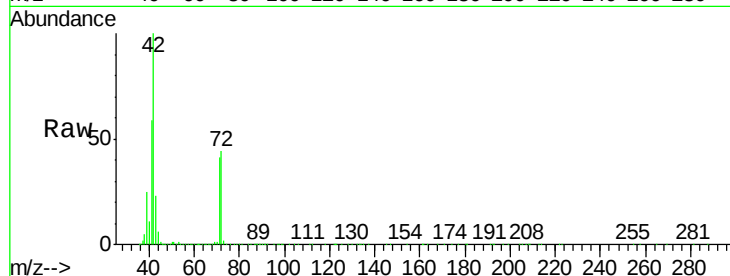
Tot Ion: 42 Resp: 634367

Ion Ratio Lower Upper

42 100

72 44.9 35.5 53.3

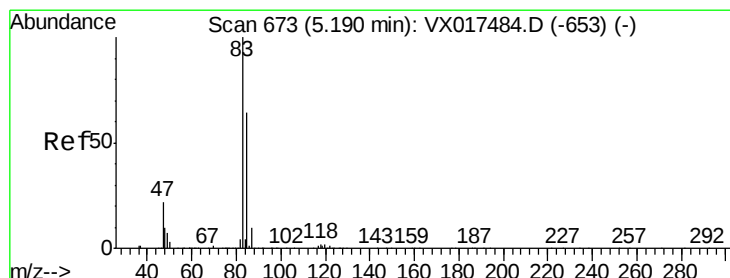
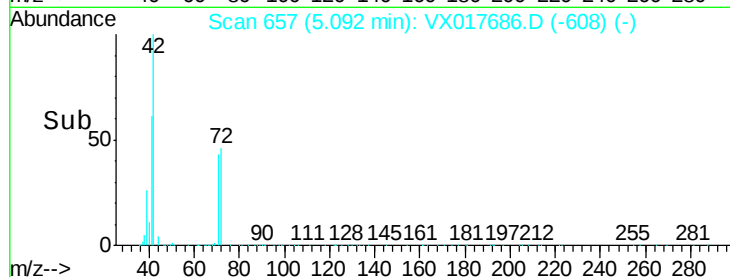
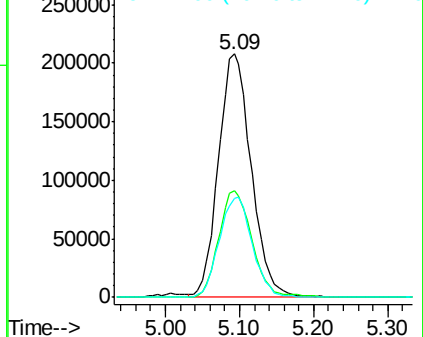
71 41.8 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.991 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017686.D

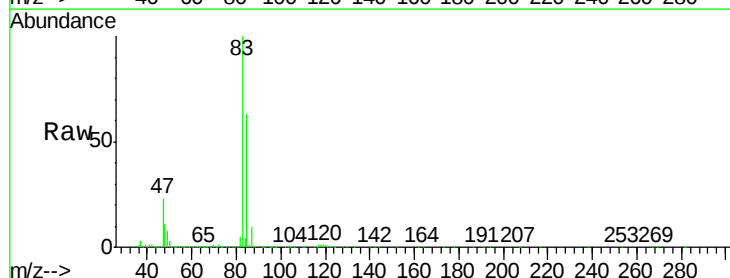
Acq: 30 Jul 2020 17:05

Tgt Ion: 83 Resp: 595370

Ion Ratio Lower Upper

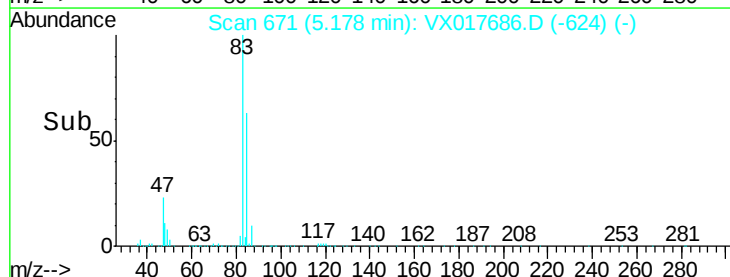
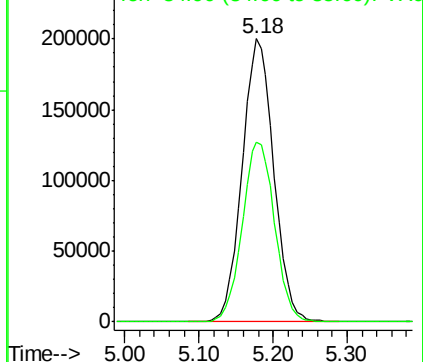
83 100

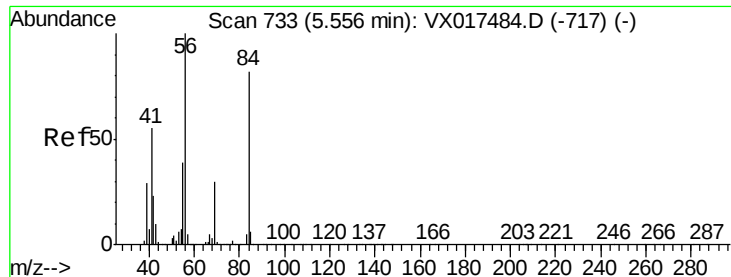
85 63.4 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

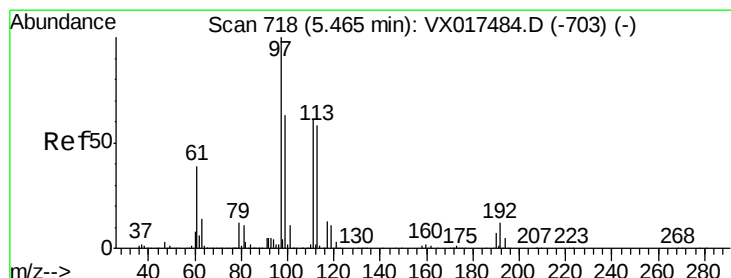
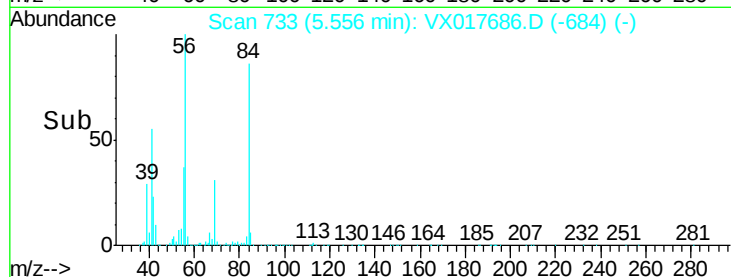
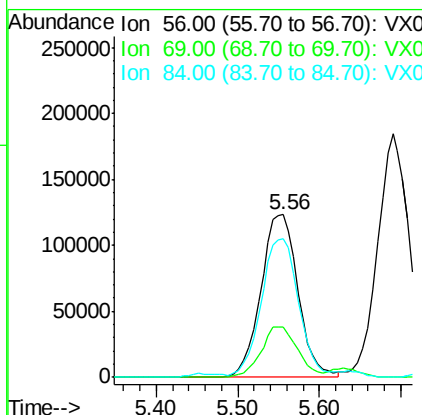
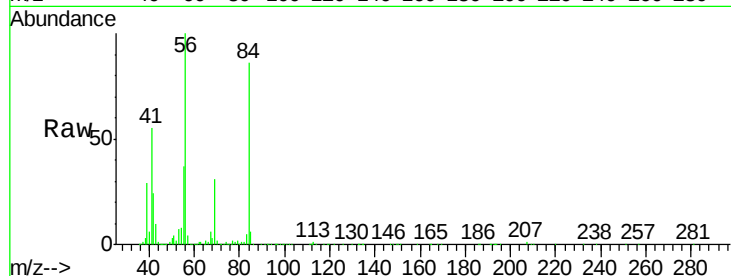




#31
Cyclohexane
Concen: 45.943 ug/l
RT: 5.56 min Scan# 733
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

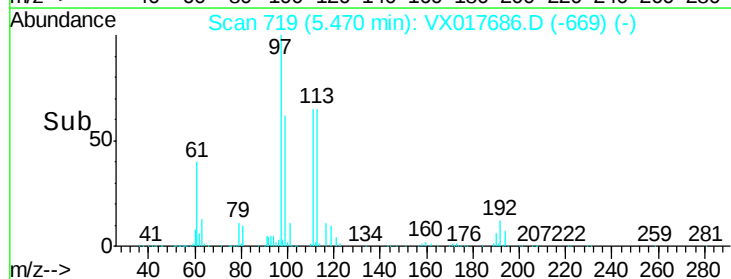
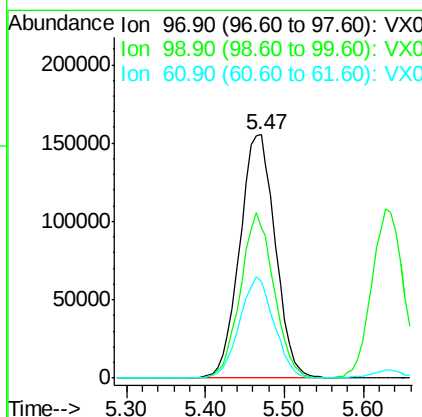
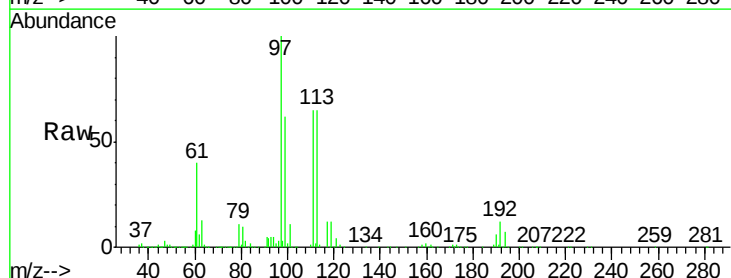
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

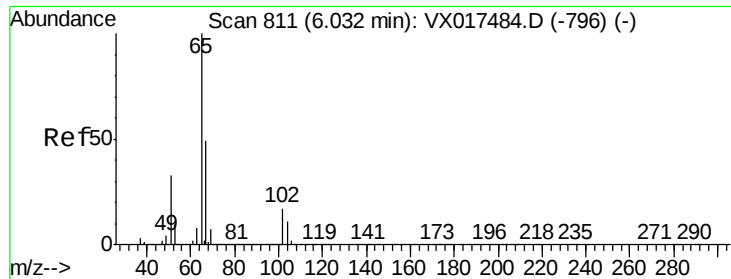
Tot Ion: 56 Resp: 388202
Ion Ratio Lower Upper
56 100
69 30.7 24.2 36.4
84 84.5 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 47.621 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion: 97 Resp: 486182
Ion Ratio Lower Upper
97 100
99 64.0 51.9 77.9
61 40.9 34.1 51.1

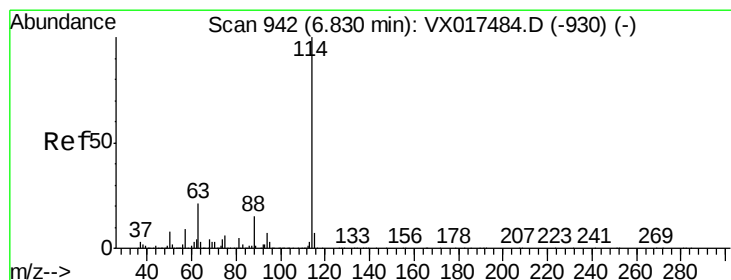
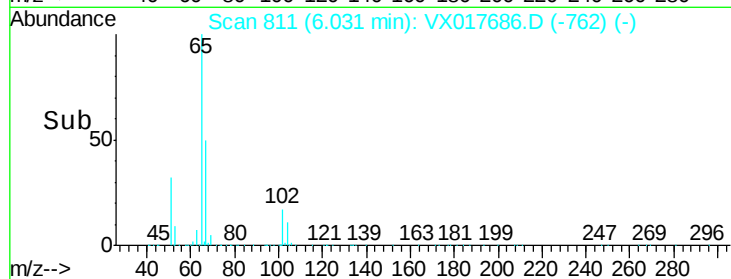
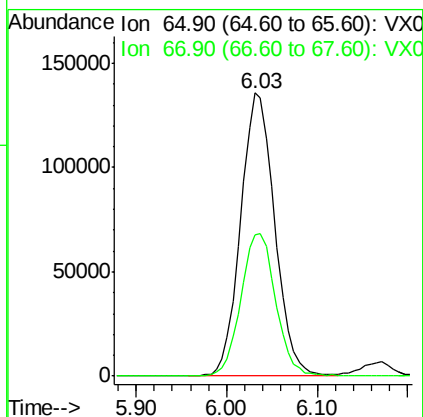
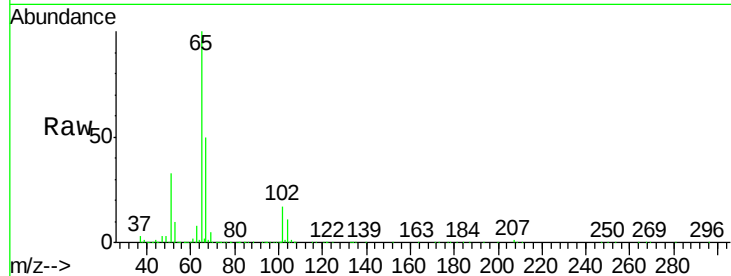




#33
 1,2-Dichloroethane-d4
 Concen: 51.455 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

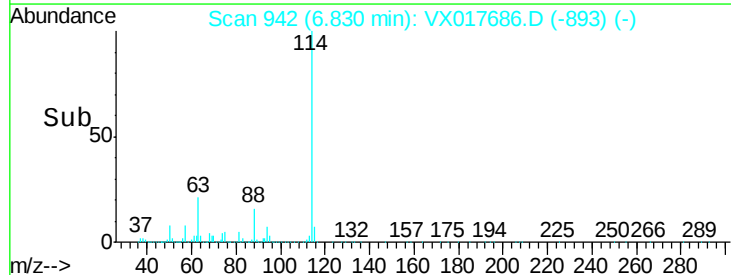
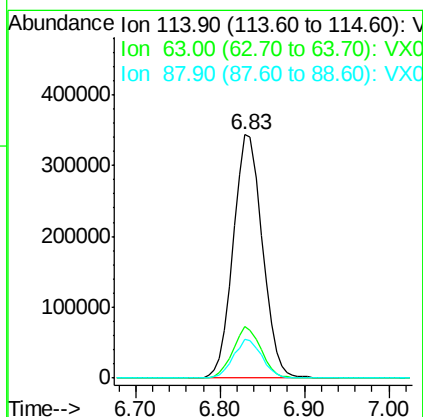
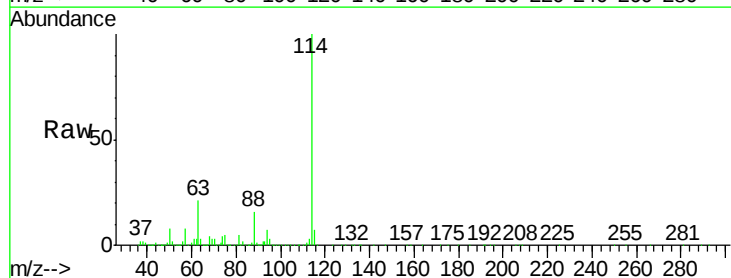
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

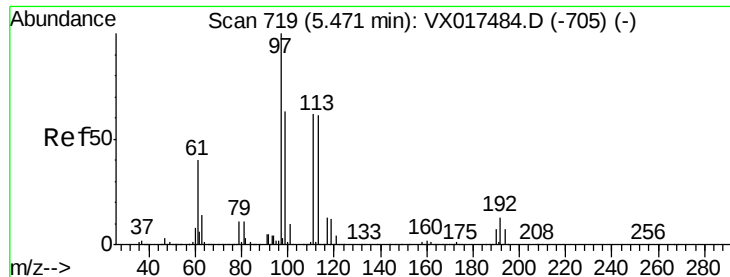
Tot Ion: 65 Resp: 352548
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion: 114 Resp: 804326
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.6
 88 16.0 0.0 33.4

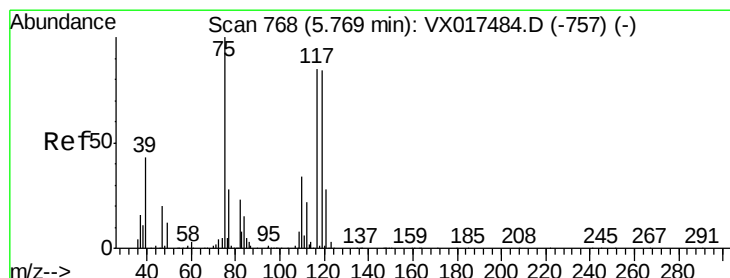
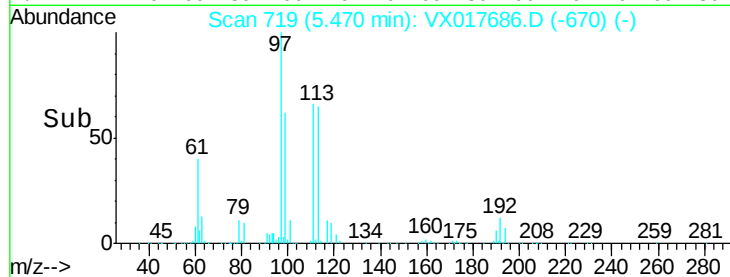
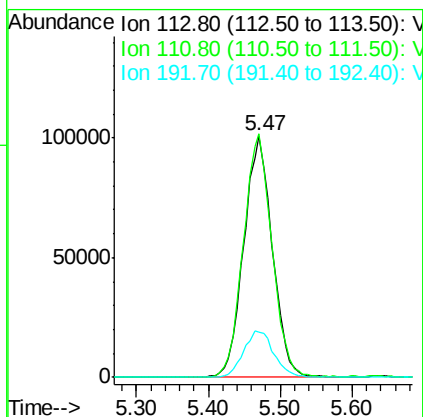
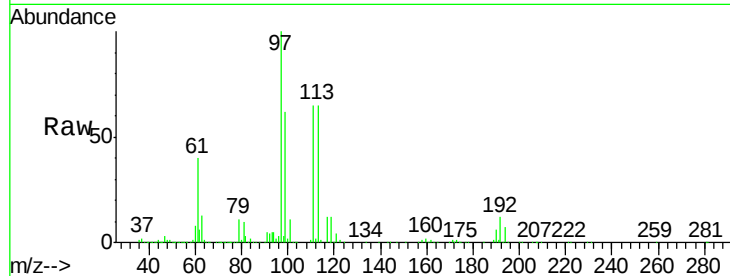




#35
 Dibromofluoromethane
 Concen: 51.683 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

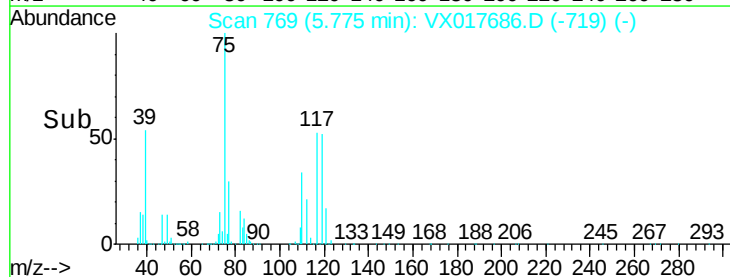
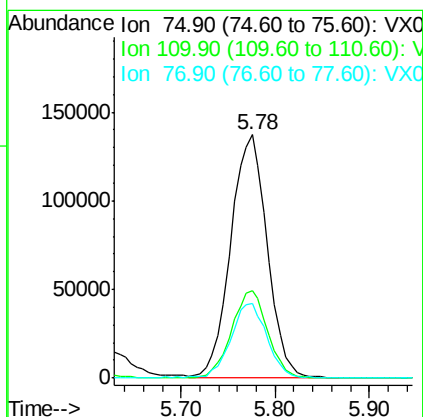
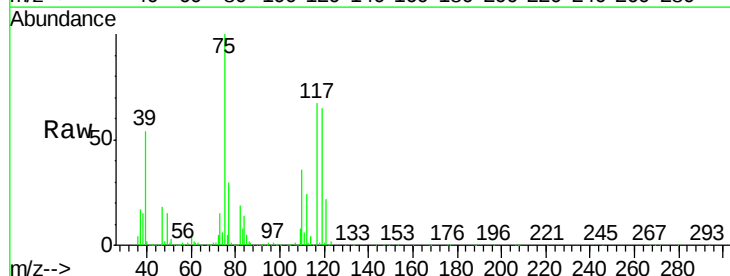
Instrument :
 MSVOA_X
 ClientSampled :
 PK-10DMSD

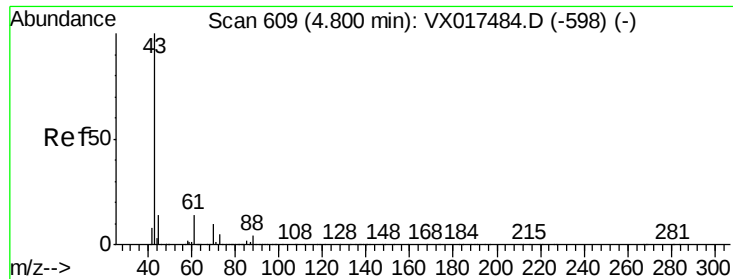
Tot Ion:113 Resp: 278020
 Ion Ratio Lower Upper
 113 100
 111 101.1 80.7 121.1
 192 20.5 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 47.855 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion: 75 Resp: 369160
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.1 54.3
 77 30.7 24.6 37.0

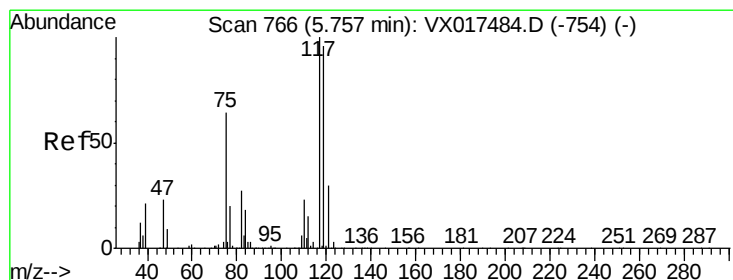
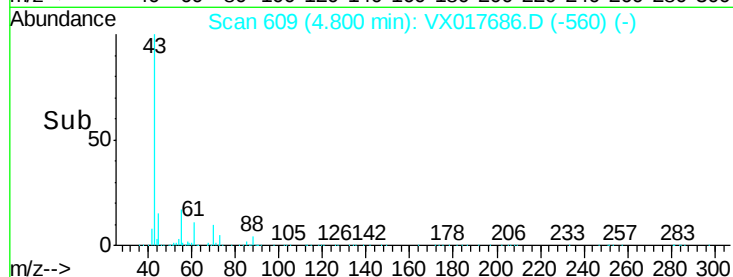
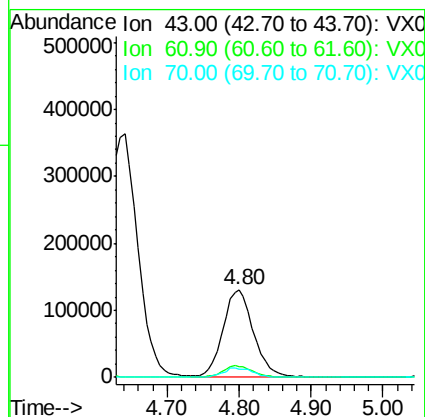
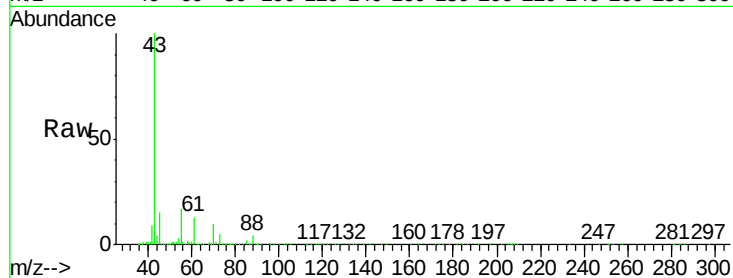




#37
Ethyl Acetate
Concen: 45.418 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

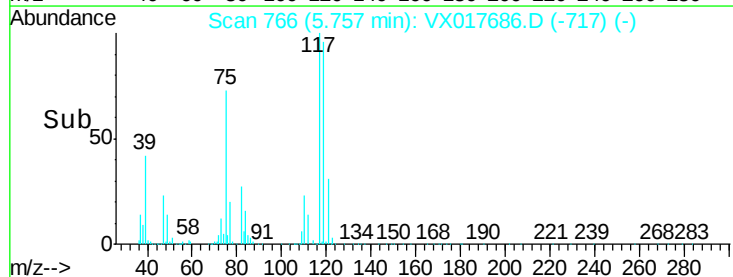
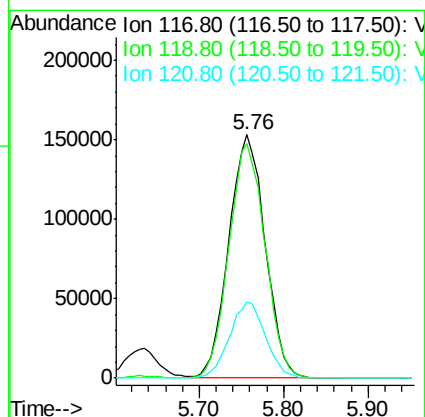
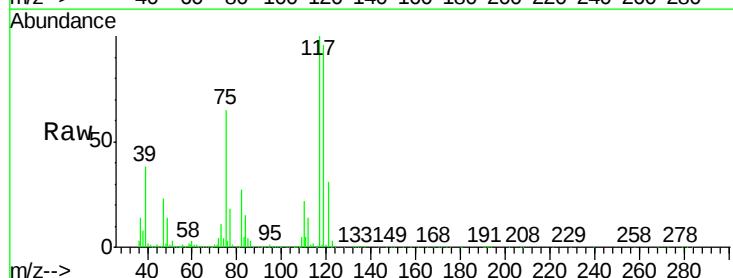
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

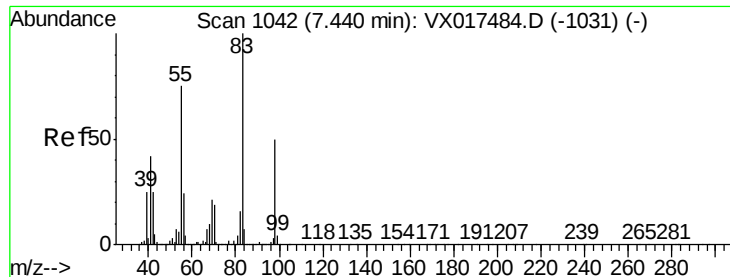
Tot Ion	43	Resp	383352
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.7	16.1
70	10.3	8.5	12.7



#38
Carbon Tetrachloride
Concen: 47.758 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion	117	Resp	447392
Ion Ratio	Lower	Upper	
117	100		
119	96.2	75.4	113.0
121	31.2	24.3	36.5

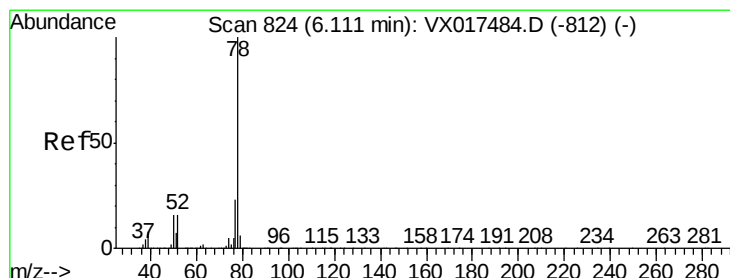
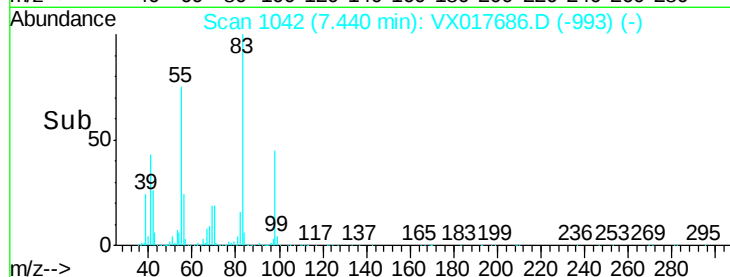
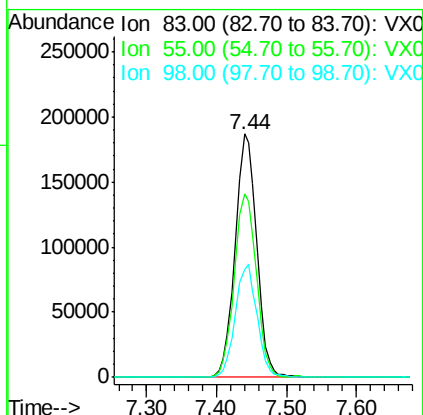
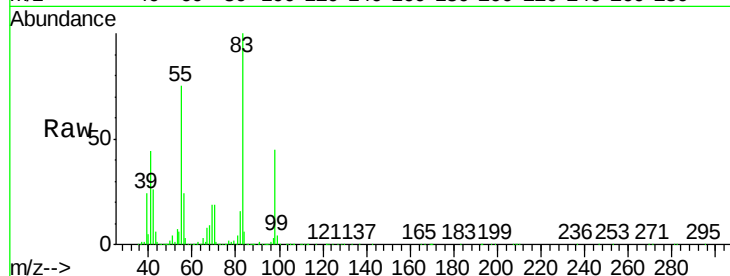




#39
Methvlcvclohexane
Concen: 44.636 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

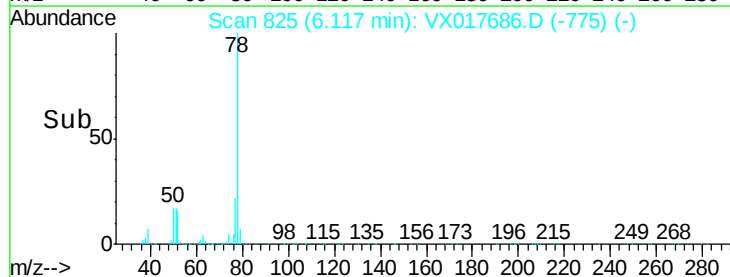
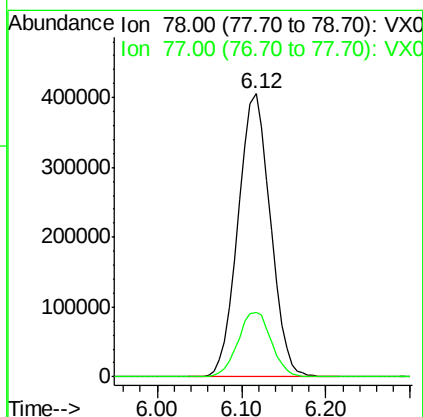
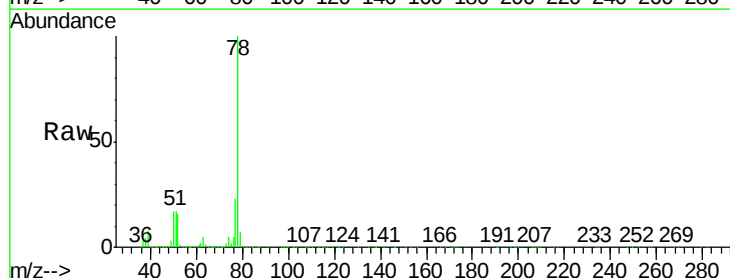
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

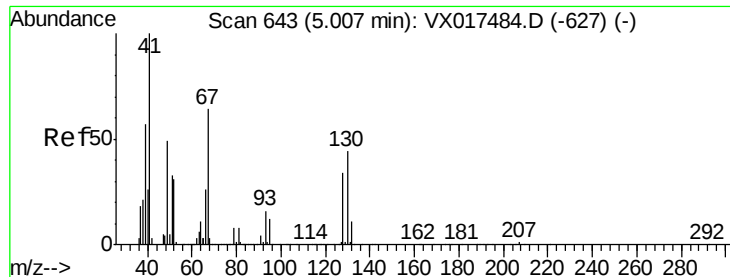
Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	61.8	92.8
98	44.5	36.9	55.3



#40
Benzene
Concen: 47.506 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.2

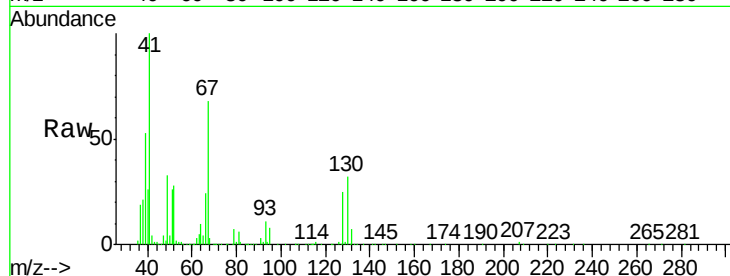




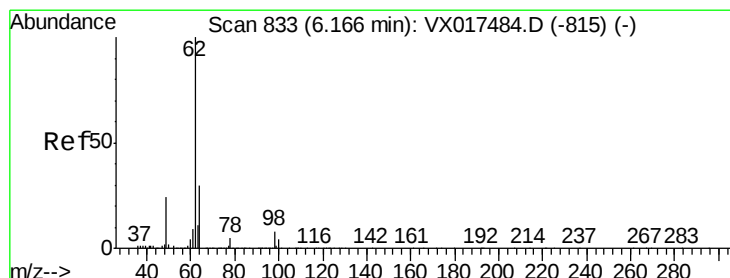
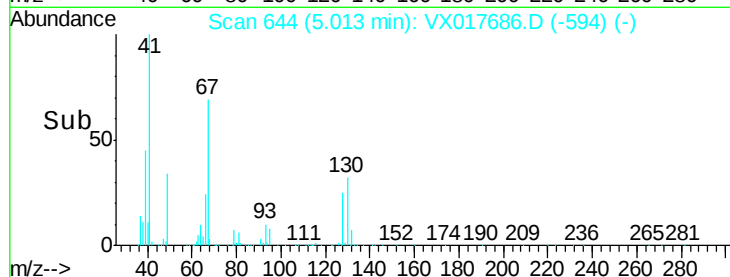
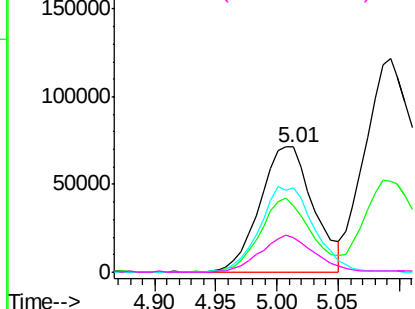
#41
Methacrylonitrile
Concen: 45.143 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Tot Ion:	41	Resp:	218402
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.9	65.9
67	69.4	54.0	81.0
52	29.5	23.0	34.6

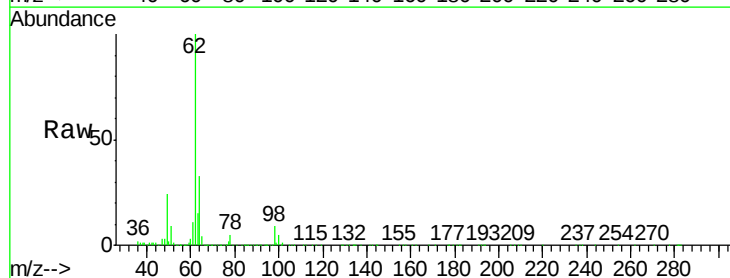


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

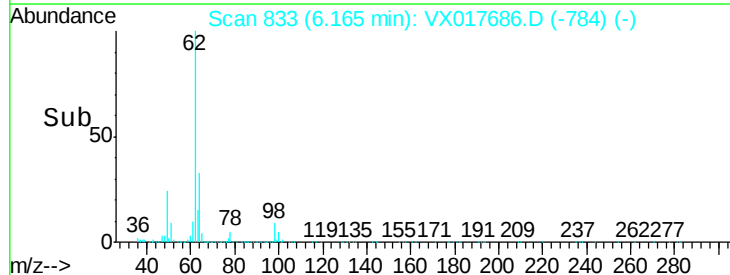
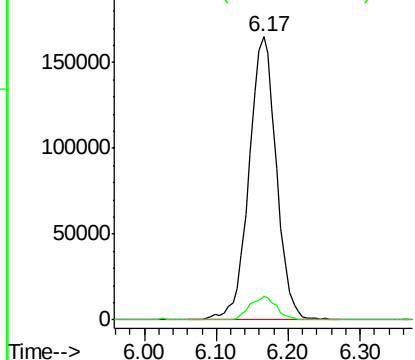


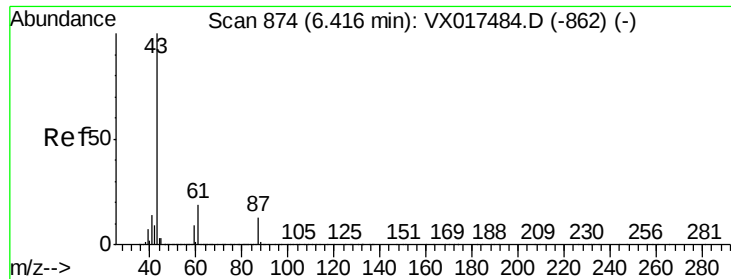
#42
1,2-Dichloroethane
Concen: 47.727 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion:	62	Resp:	431832
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.0



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



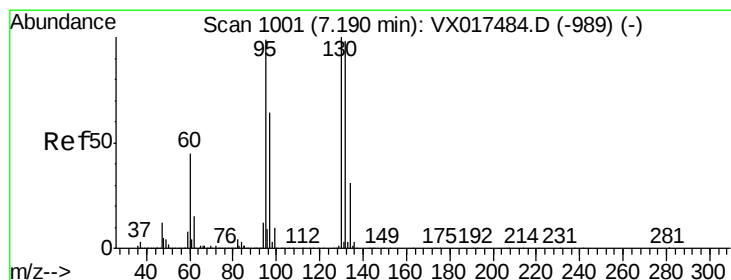
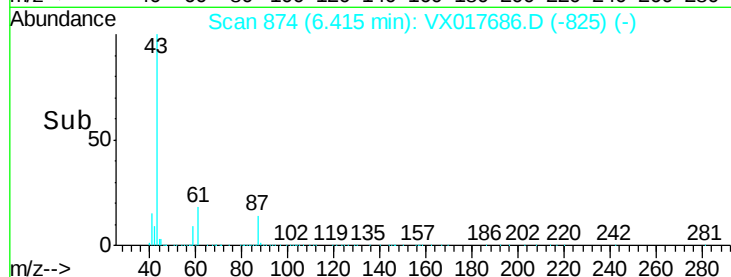
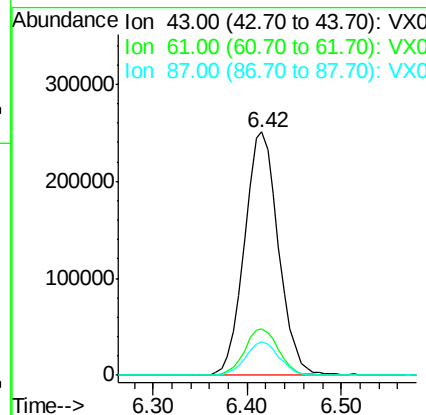
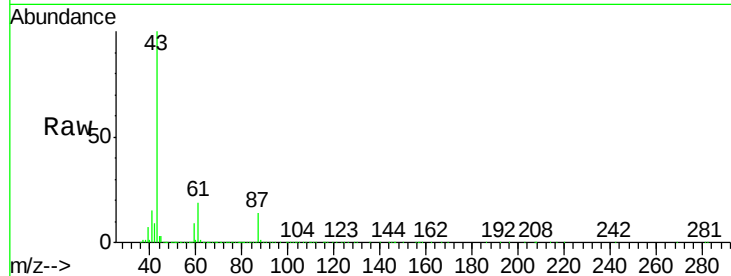


#43

Isopropyl Acetate
 Concen: 45.288 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

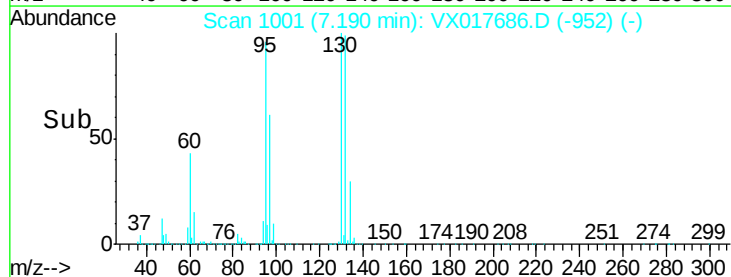
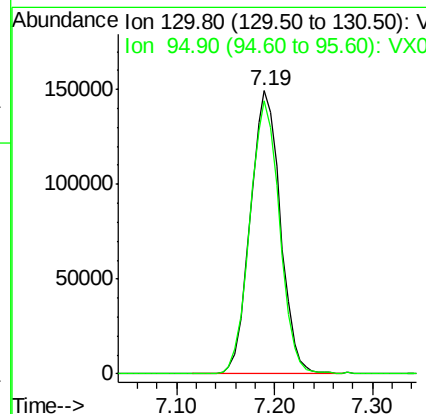
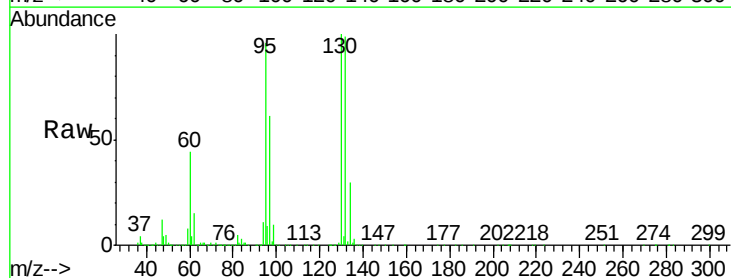
Tot Ion	43	Resp	630700
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.5	23.3
87	13.8	10.5	15.7

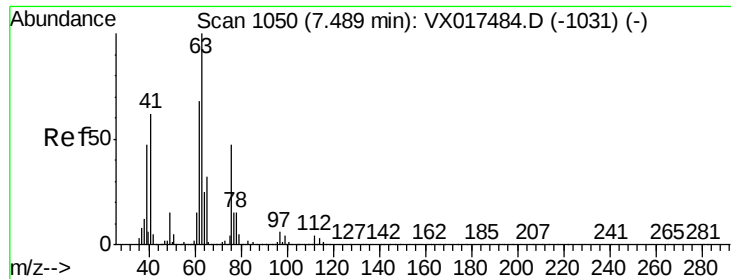


#44

Trichloroethene
 Concen: 49.044 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion	130	Resp	316989
Ion Ratio	Lower	Upper	
130	100		
95	96.4	0.0	189.0

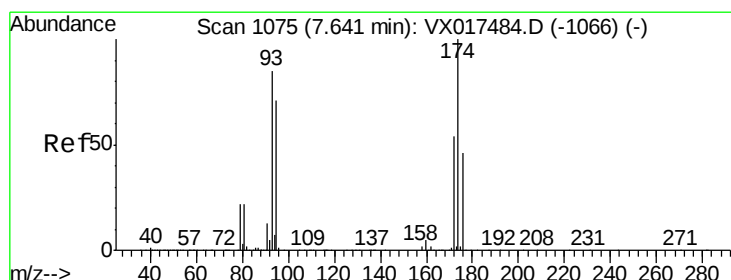
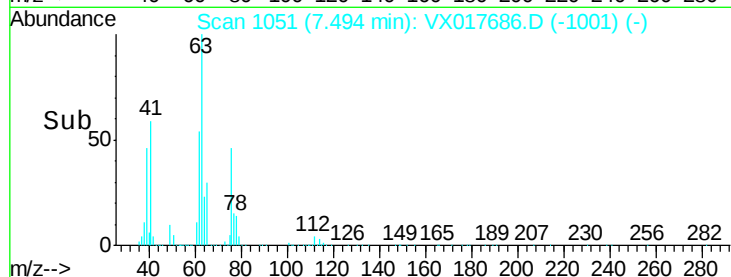
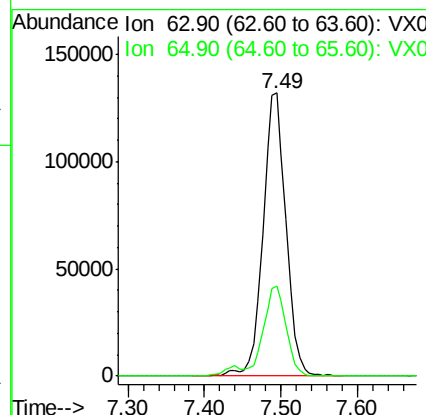
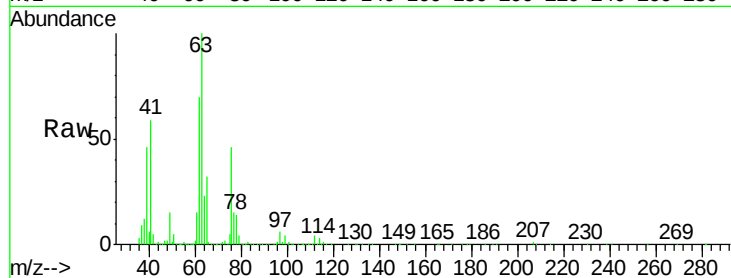




#45
 1,2-Dichloropropane
 Concen: 45.155 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

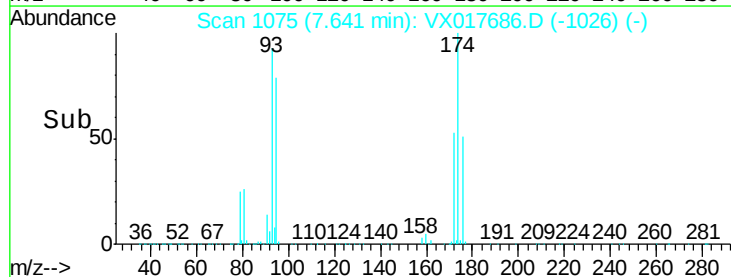
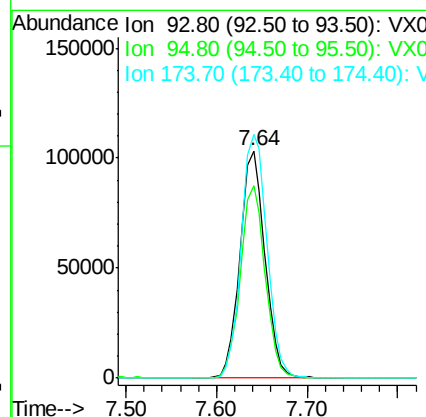
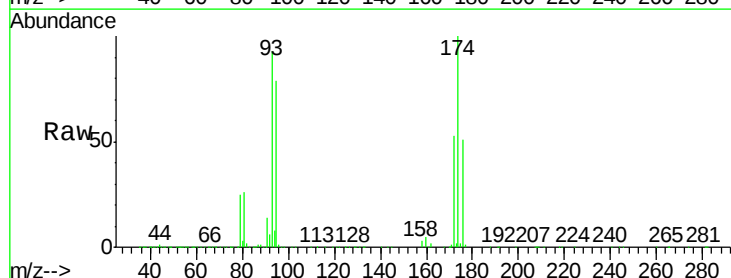
Instrument :
 MSVOA_X
 ClientSampled :
 PK-10DMSD

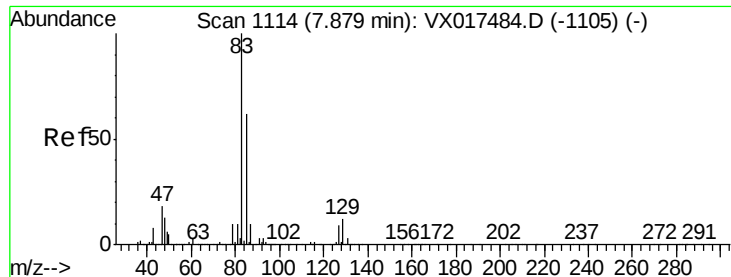
Tot Ion: 63 Resp: 276844
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.5 36.7



#46
 Dibromomethane
 Concen: 45.793 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion: 93 Resp: 198414
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.6 99.8
 174 110.6 87.0 130.6





#47

Bromodichloromethane

Concen: 48.913 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

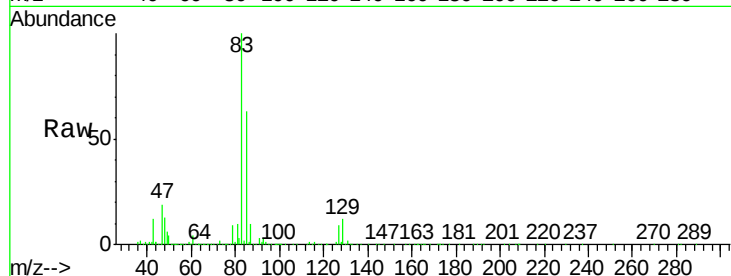
Tot Ion: 83 Resp: 426431

Ion Ratio Lower Upper

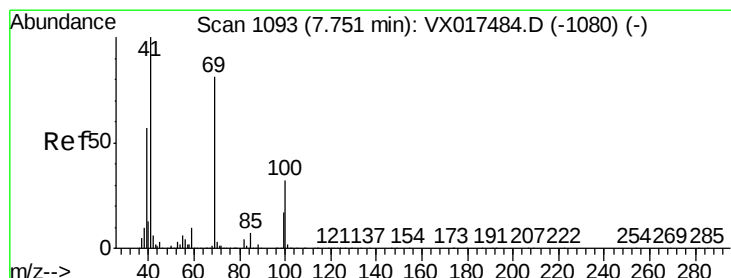
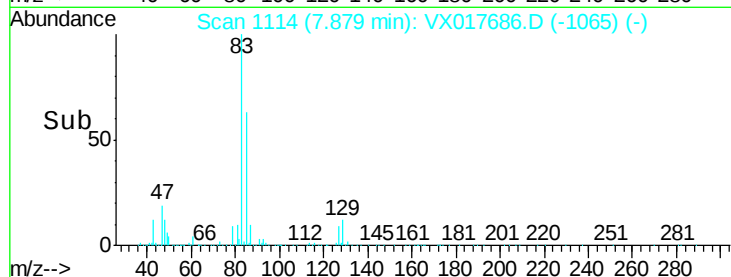
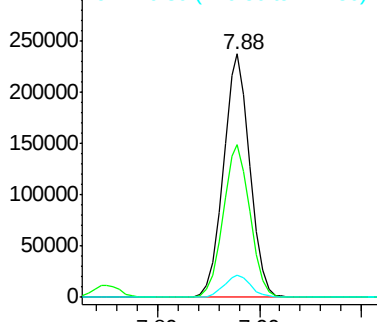
83 100

85 62.5 51.8 77.8

127 9.0 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: 47.410 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

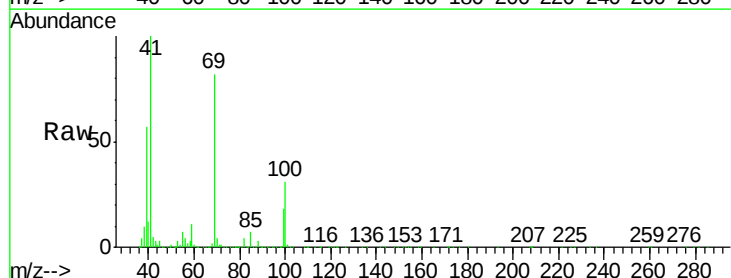
Tgt Ion: 41 Resp: 327278

Ion Ratio Lower Upper

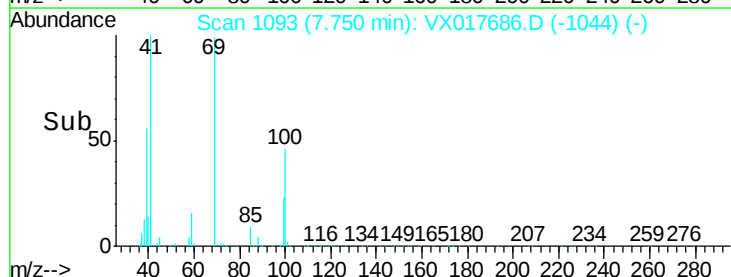
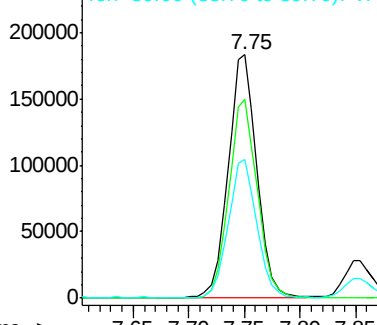
41 100

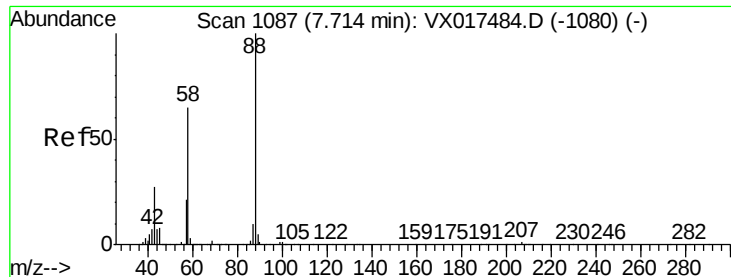
69 81.7 63.1 94.7

39 56.8 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: 992.456 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

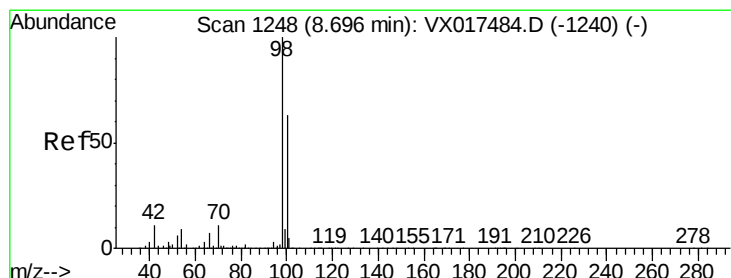
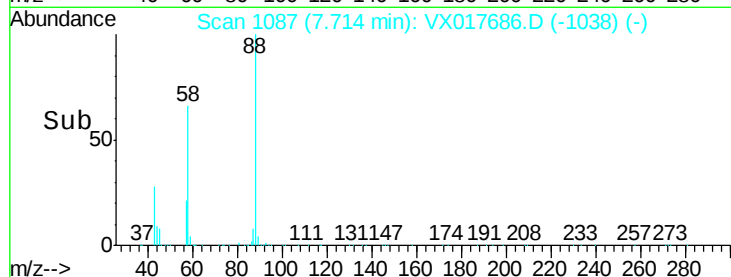
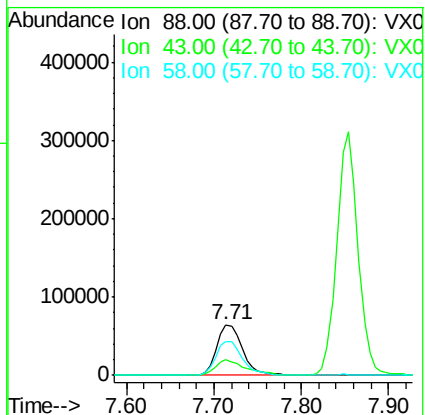
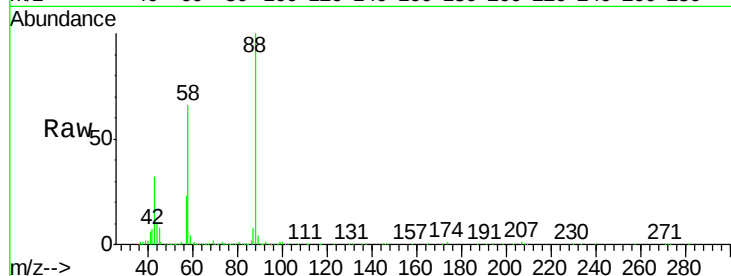
Tot Ion: 88 Resp: 131352

Ion Ratio Lower Upper

88 100

43 34.2 27.8 41.6

58 69.7 58.3 87.5



#50

Toluene-d8

Concen: 50.779 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017686.D

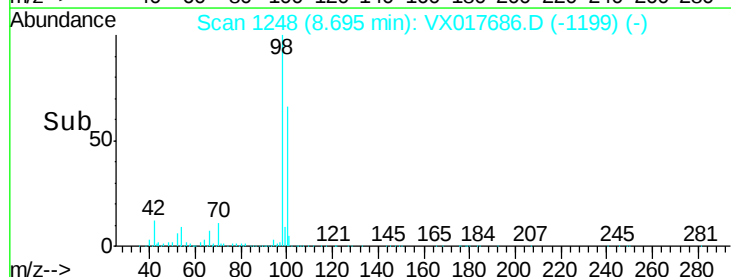
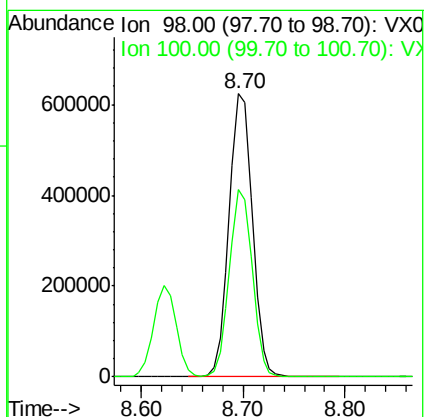
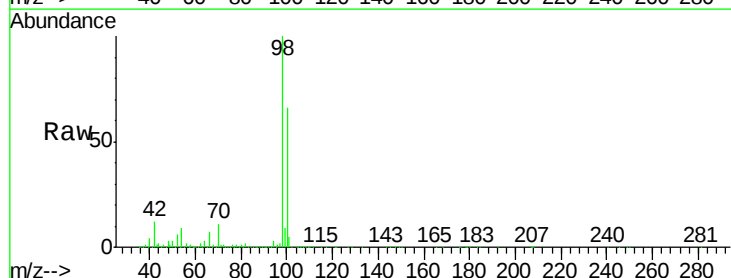
Acq: 30 Jul 2020 17:05

Tgt Ion: 98 Resp: 985421

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

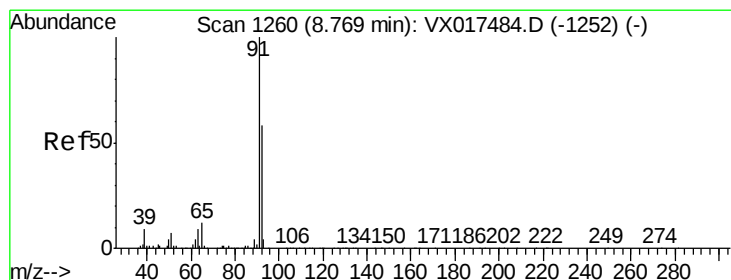
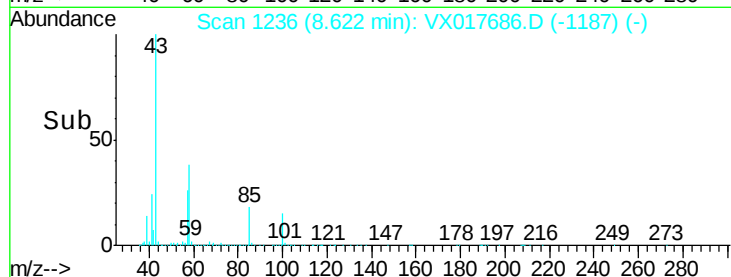
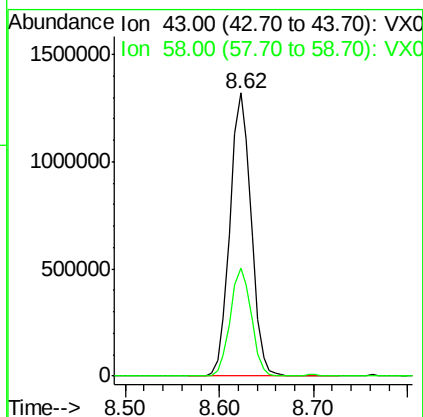
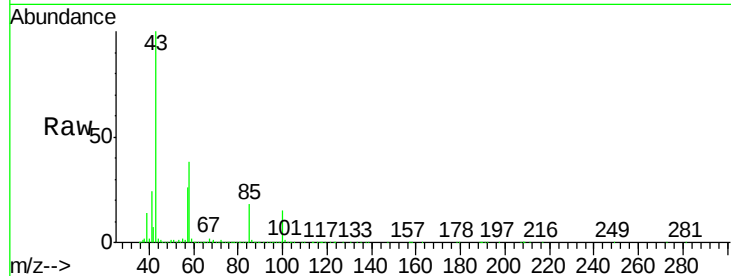




#51
 4-Methyl-2-Pentanone
 Concen: 248.531 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

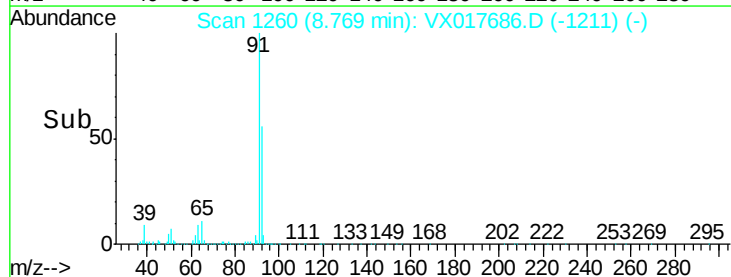
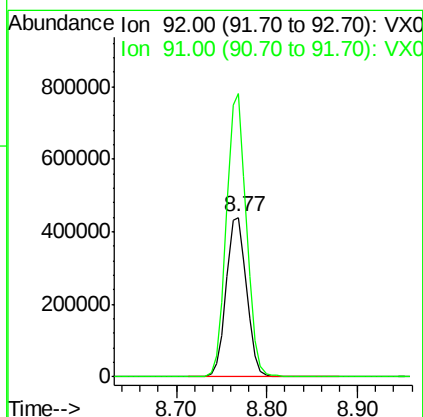
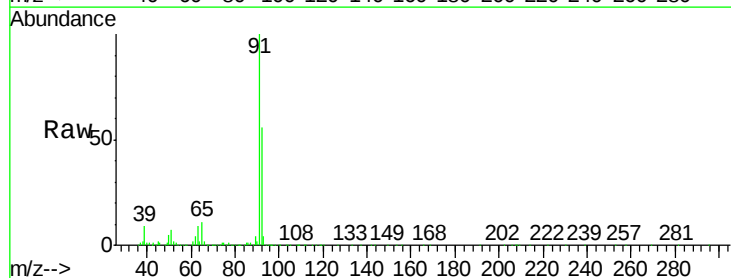
Instrument :
 MSVOA_X
 ClientSampled :
 PK-10DMSD

Tot Ion: 43 Resp: 2065125
 Ion Ratio Lower Upper
 43 100
 58 38.0 31.0 46.4



#52
 Toluene
 Concen: 48.416 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion: 92 Resp: 686708
 Ion Ratio Lower Upper
 92 100
 91 173.7 137.6 206.4

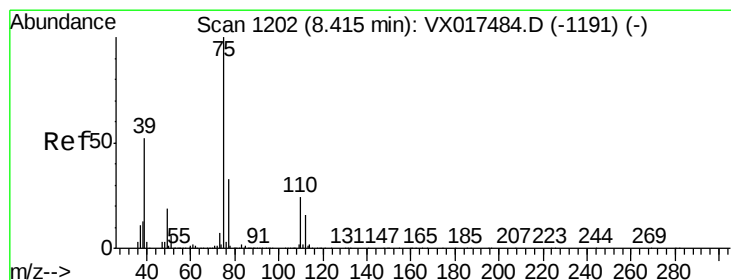
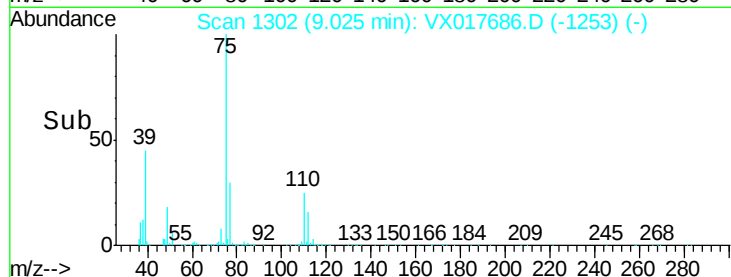
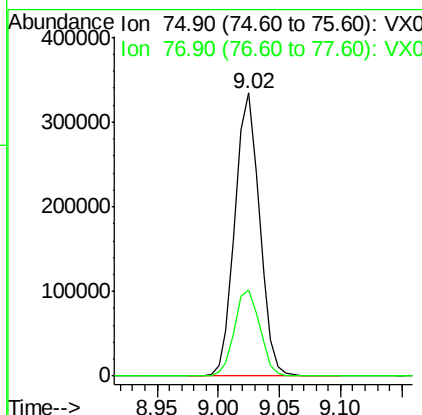
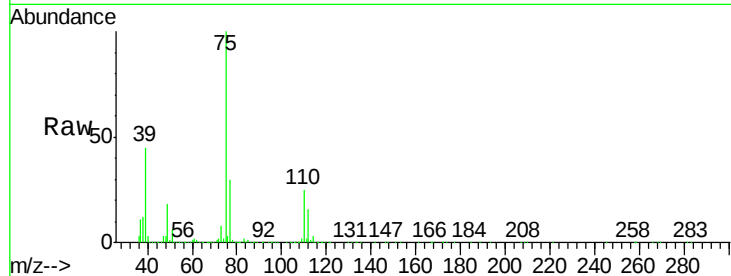




#53
t-1,3-Dichloropropene
Concen: 47.892 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

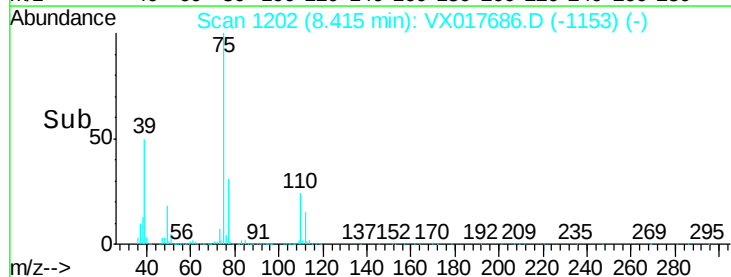
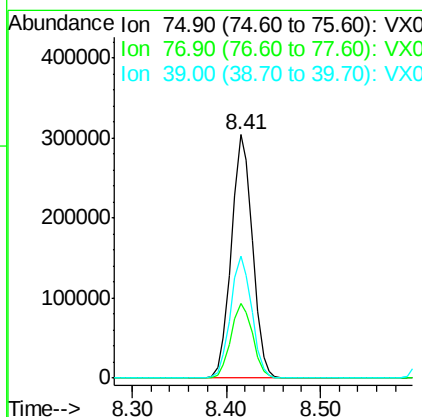
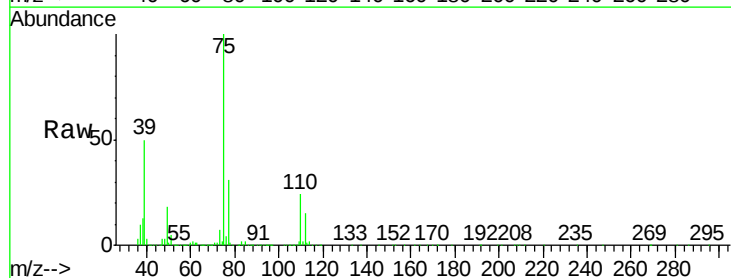
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

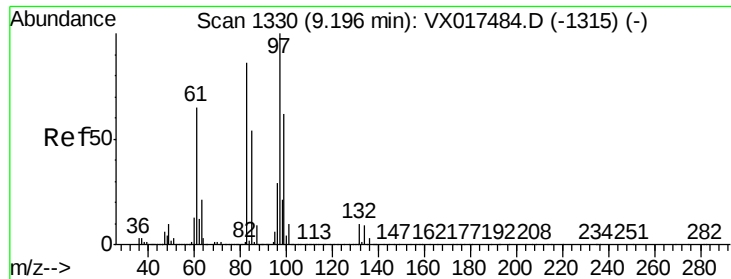
Tot Ion: 75 Resp: 467394
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 47.583 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion: 75 Resp: 473665
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3
39 50.1 41.8 62.8

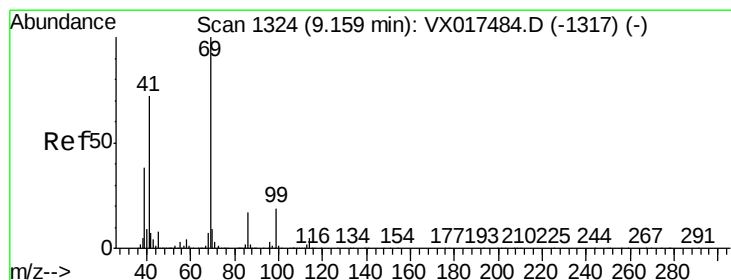
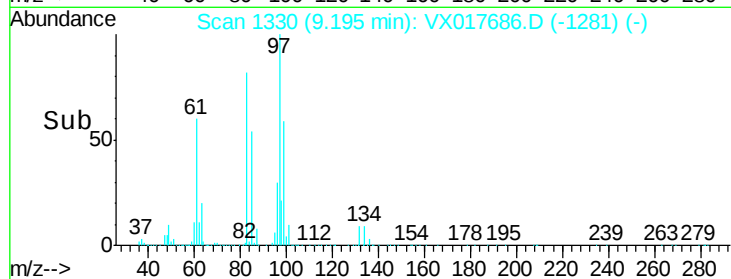
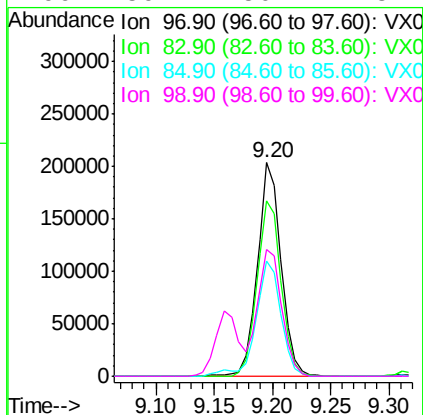
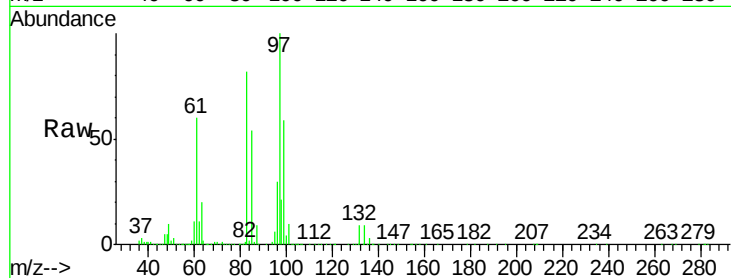




#55
 1,1,2-Trichloroethane
 Concen: 48.582 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

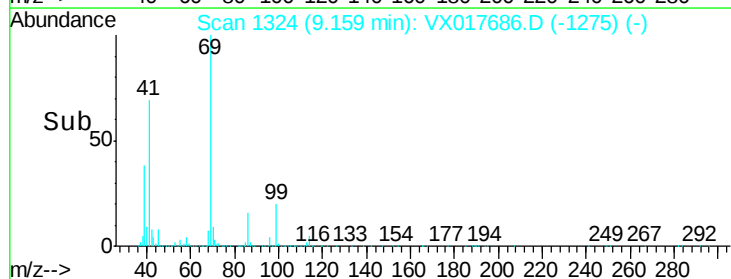
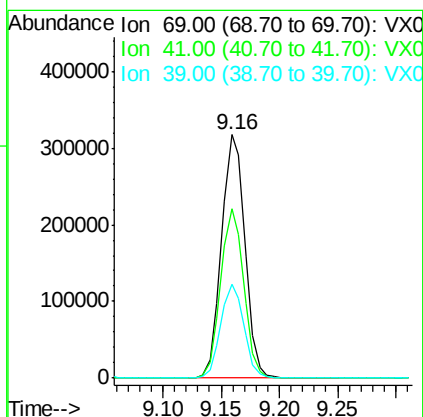
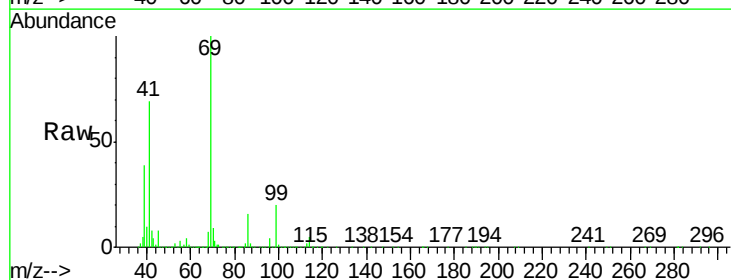
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

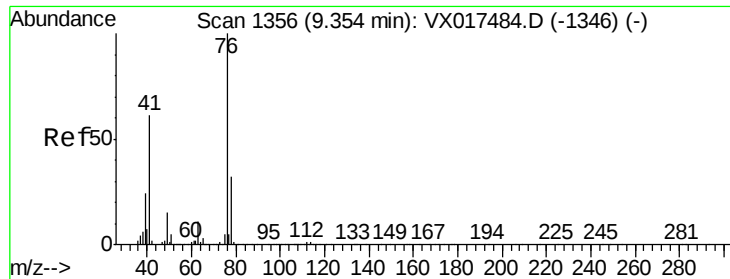
Tot Ion:	97	Resp:	287050
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.6	101.4
85	53.7	44.6	67.0
99	59.4	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 49.464 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion:	69	Resp:	440314
Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.0	82.6
39	38.0	30.0	45.0





#57

1,3-Dichloropropane

Concen: 48.993 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

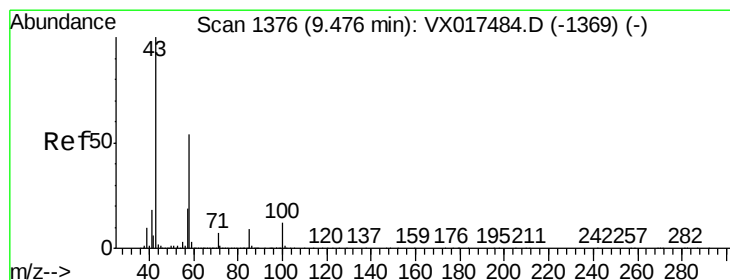
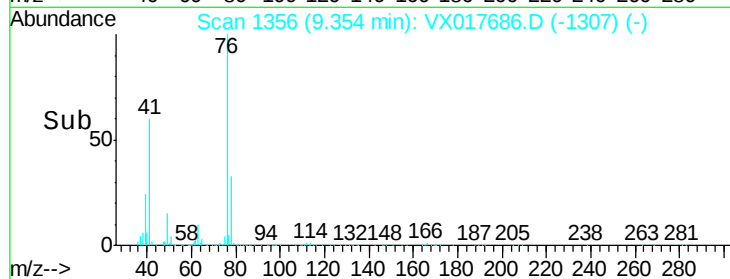
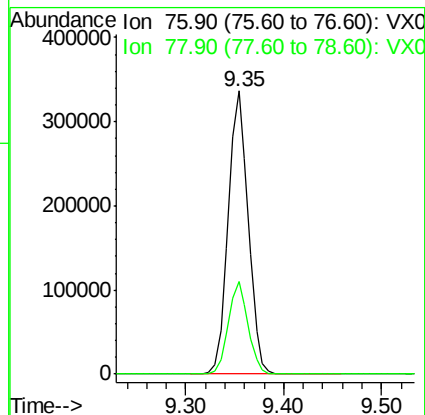
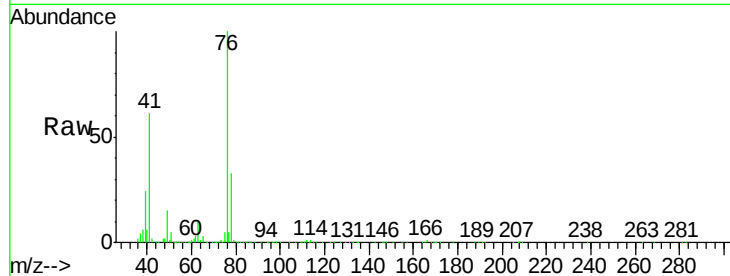
PK-10DMSD

Tot Ion: 76 Resp: 476659

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#59

2-Hexanone

Concen: 246.702 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX017686.D

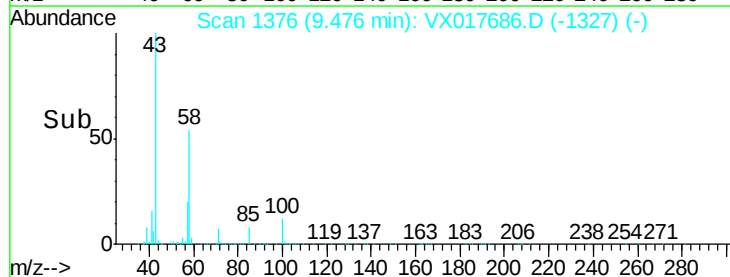
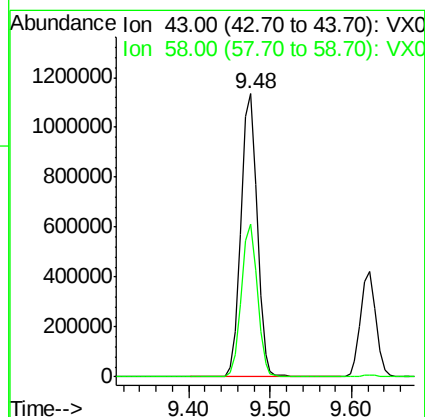
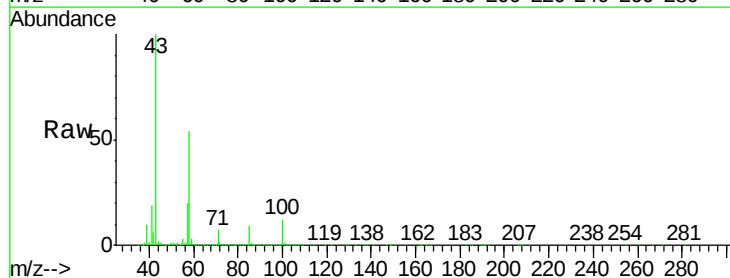
Acq: 30 Jul 2020 17:05

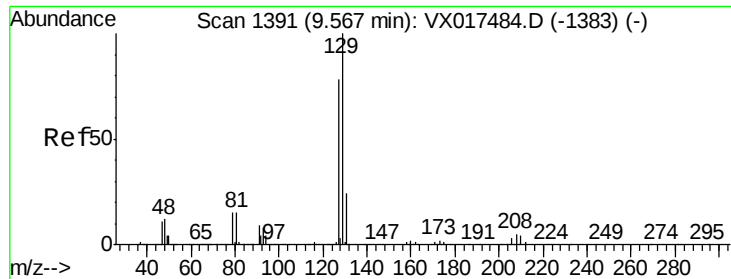
Tgt Ion: 43 Resp: 1543366

Ion Ratio Lower Upper

43 100

58 53.2 26.6 79.8





#60

Dibromochloromethane

Concen: 48.753 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

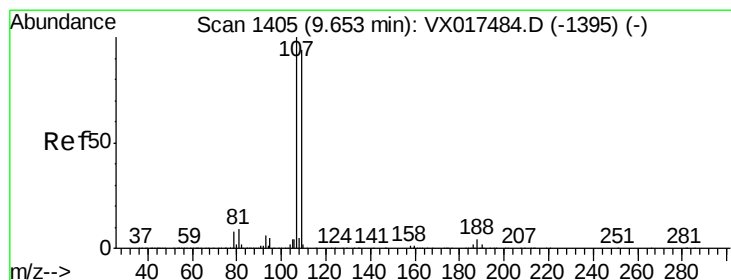
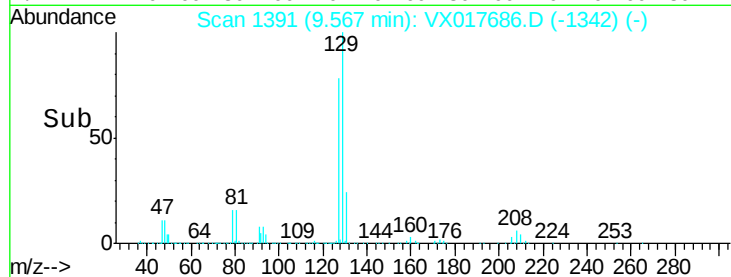
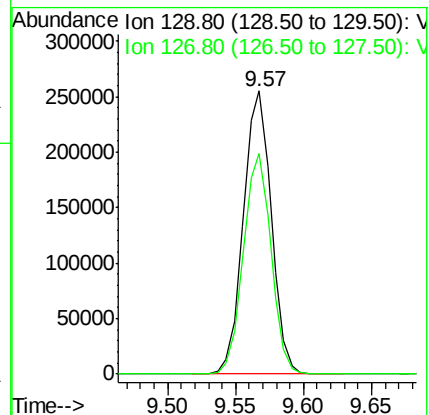
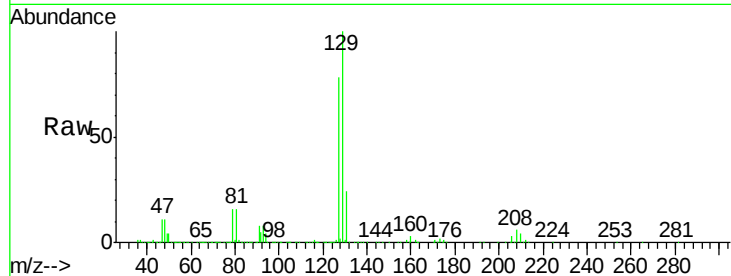
PK-10DMSD

Tot Ion:129 Resp: 366127

Ion Ratio Lower Upper

129 100

127 76.9 38.4 115.1



#61

1,2-Dibromoethane

Concen: 50.209 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017686.D

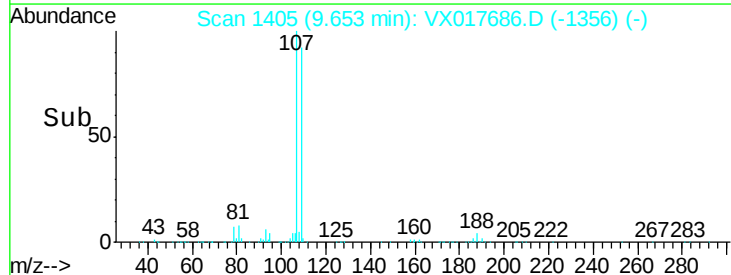
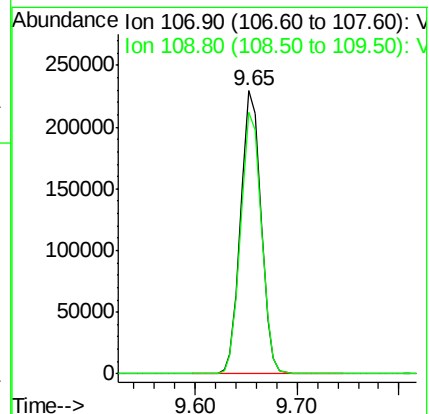
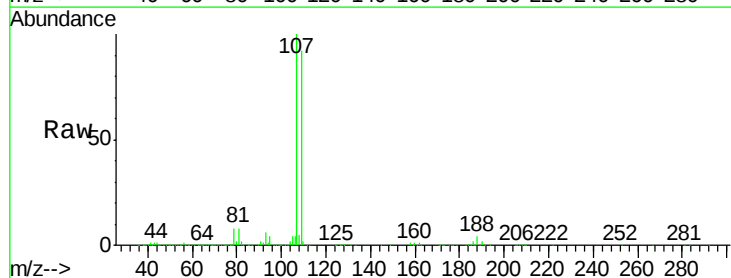
Acq: 30 Jul 2020 17:05

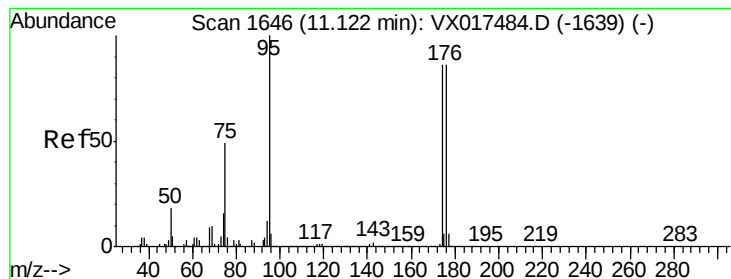
Tgt Ion:107 Resp: 315843

Ion Ratio Lower Upper

107 100

109 94.0 74.9 112.3





#62

4-Bromofluorobenzene

Concen: 50.091 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

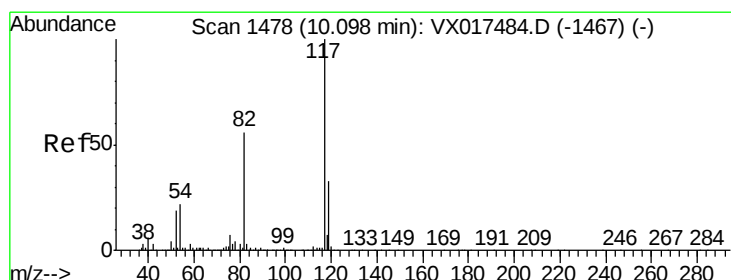
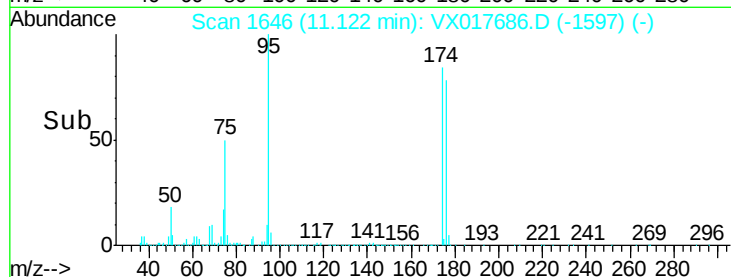
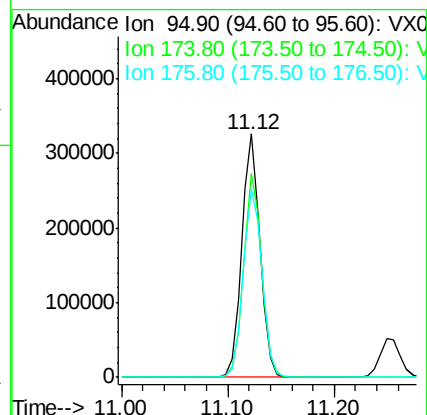
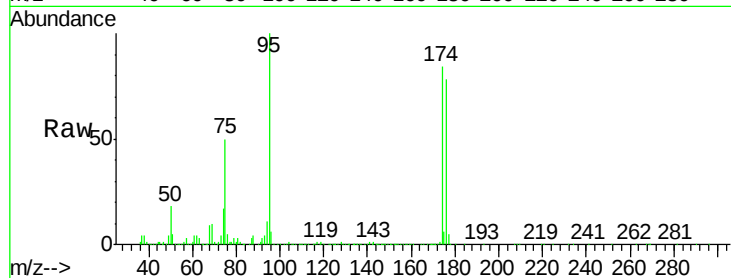
Tot Ion: 95 Resp: 389024

Ion Ratio Lower Upper

95 100

174 83.3 0.0 169.0

176 80.8 0.0 161.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

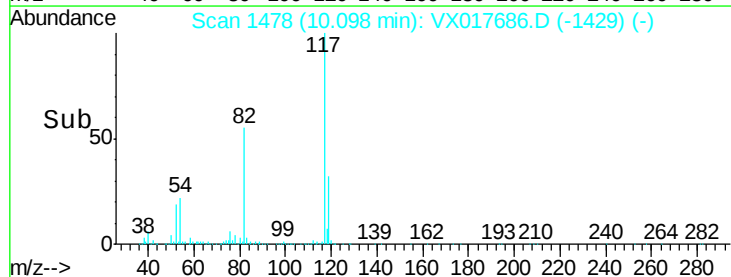
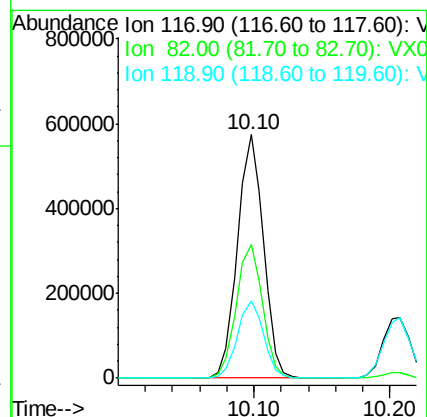
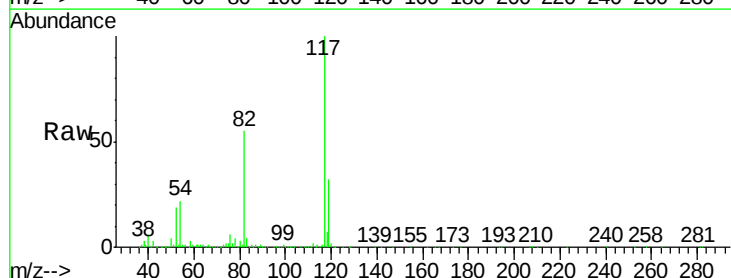
Tgt Ion: 117 Resp: 763247

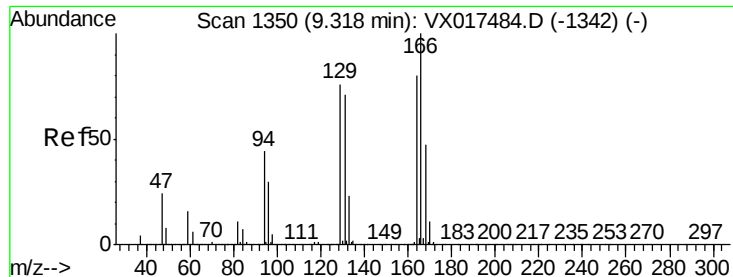
Ion Ratio Lower Upper

117 100

82 54.9 44.0 66.0

119 31.7 25.4 38.0





#64

Tetrachloroethene

Concen: 46.028 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

Tot Ion:164 Resp: 315307

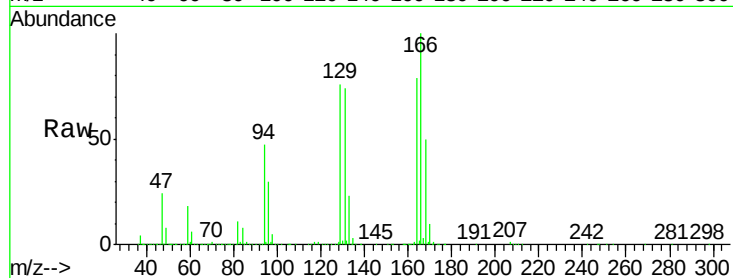
Ion Ratio Lower Upper

164 100

166 125.9 100.6 150.8

129 95.3 75.0 112.6

131 93.1 75.2 112.8

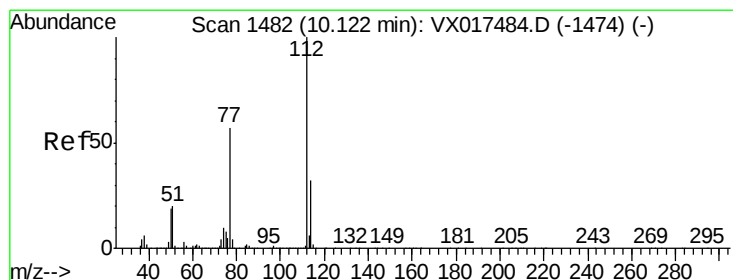
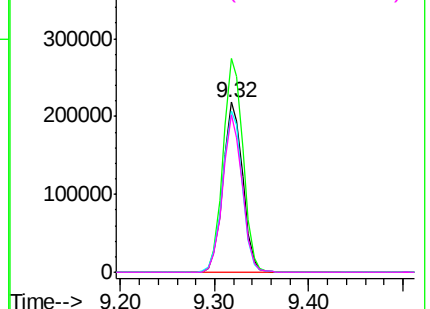
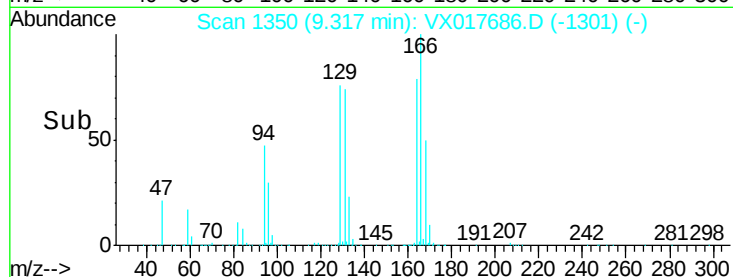


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.226 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017686.D

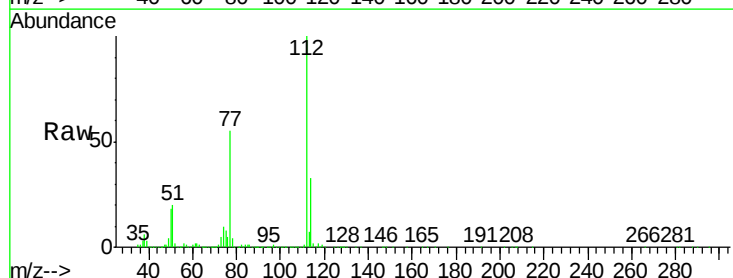
Acq: 30 Jul 2020 17:05

Tgt Ion:112 Resp: 796729

Ion Ratio Lower Upper

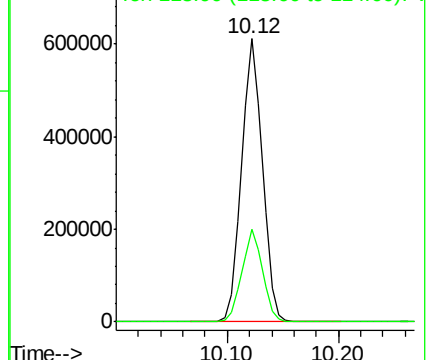
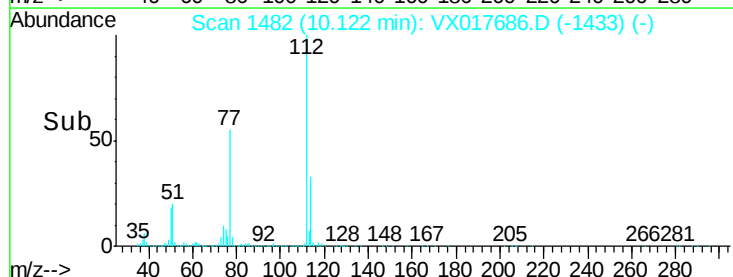
112 100

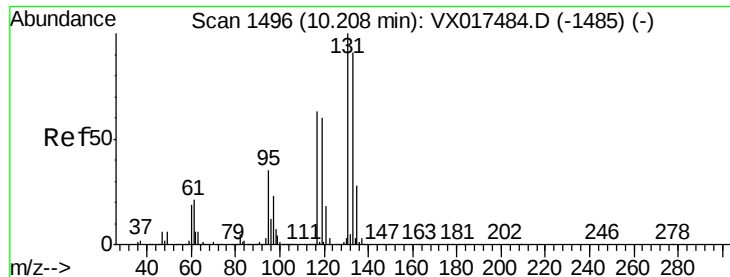
114 32.5 25.7 38.5



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: 47.447 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

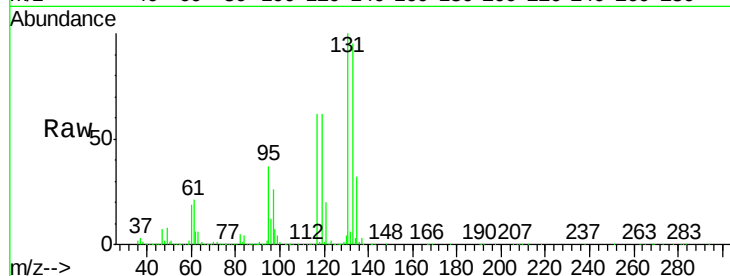
Tot Ion:131 Resp: 316354

Ion Ratio Lower Upper

131 100

133 95.1 47.9 143.6

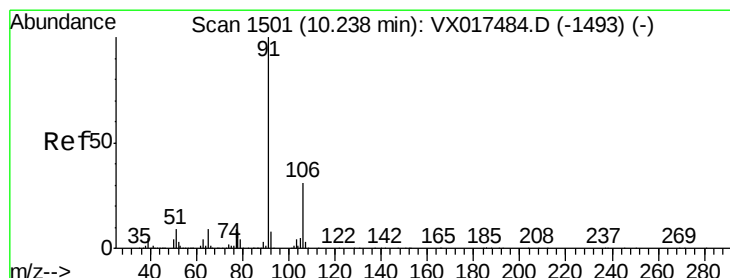
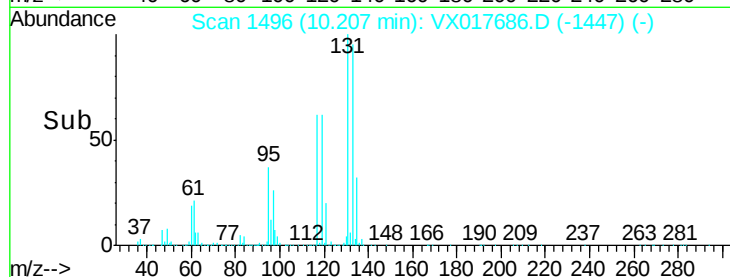
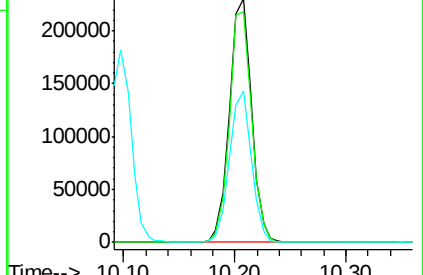
119 61.8 31.1 93.3



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: 48.060 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017686.D

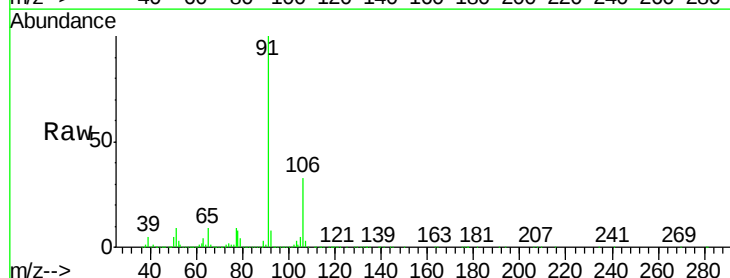
Acq: 30 Jul 2020 17:05

Tgt Ion: 91 Resp: 1325377

Ion Ratio Lower Upper

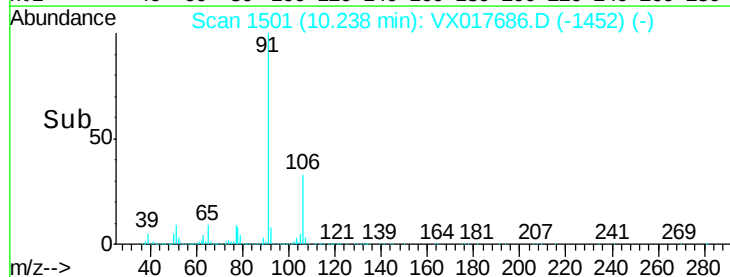
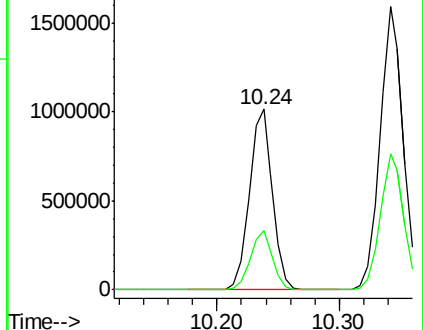
91 100

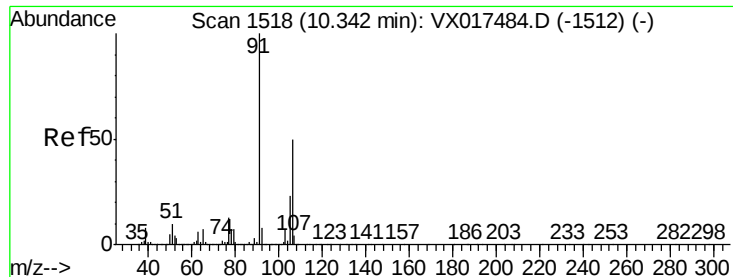
106 32.7 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 94.979 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

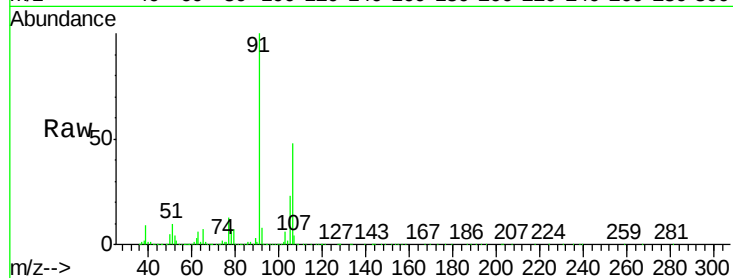
PK-10DMSD

Tot Ion:106 Resp: 1014696

Ion Ratio Lower Upper

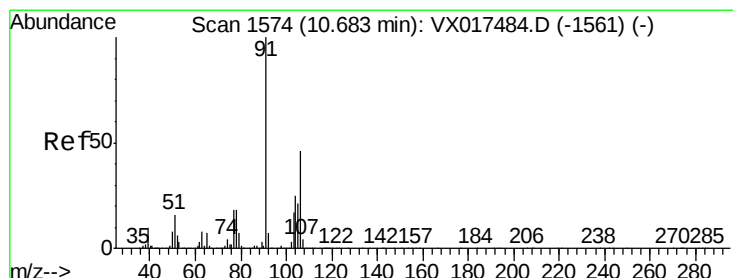
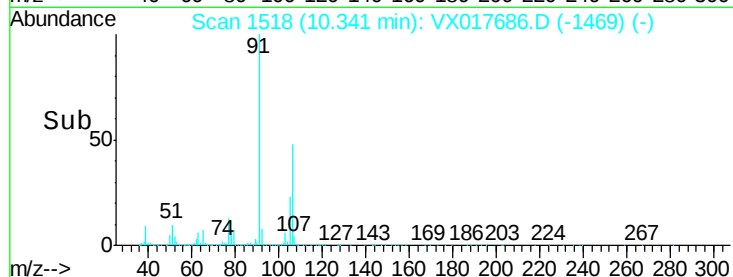
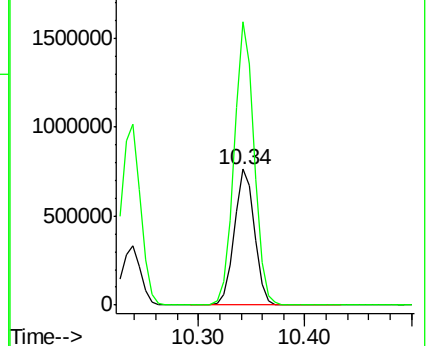
106 100

91 206.2 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 47.646 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017686.D

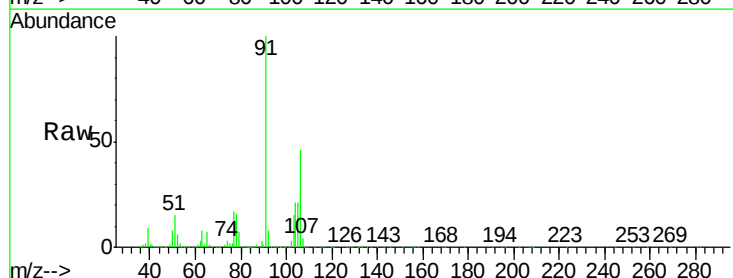
Acq: 30 Jul 2020 17:05

Tgt Ion:106 Resp: 489566

Ion Ratio Lower Upper

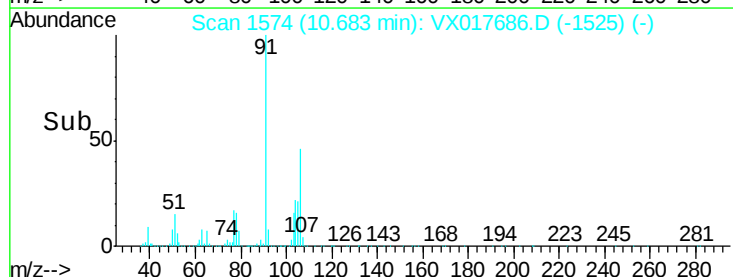
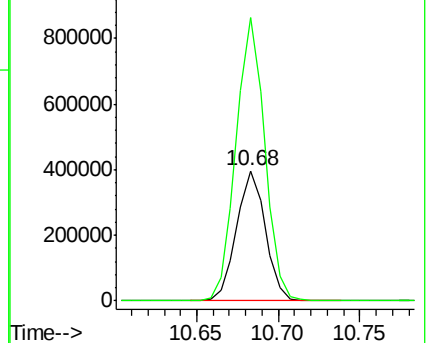
106 100

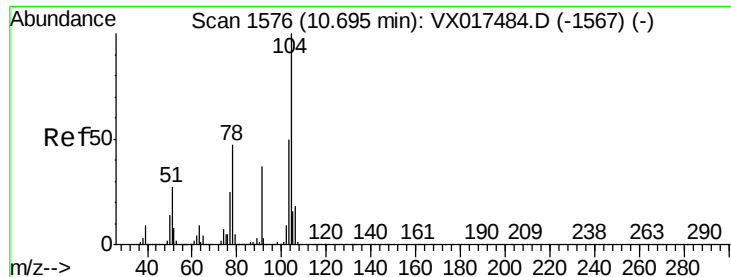
91 216.0 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 48.555 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

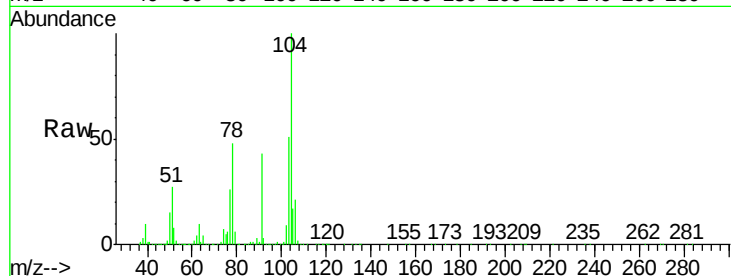
Tot Ion:104 Resp: 848851

Ion Ratio Lower Upper

104 100

78 51.8 42.5 63.7

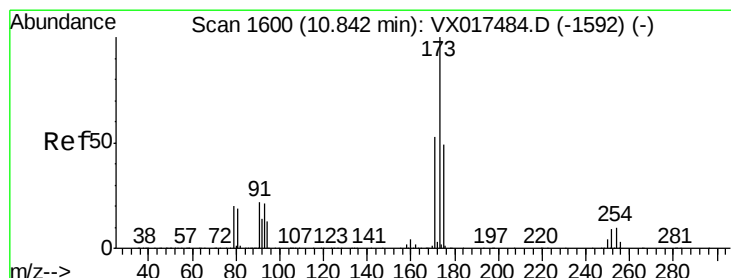
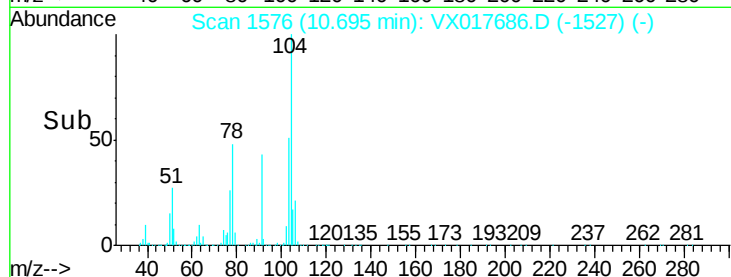
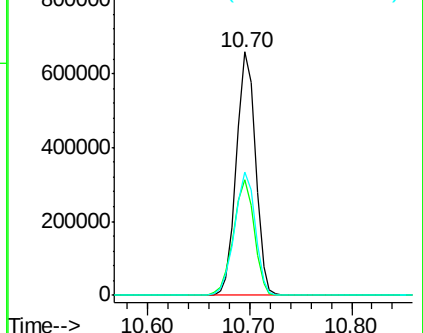
103 55.1 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 46.503 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

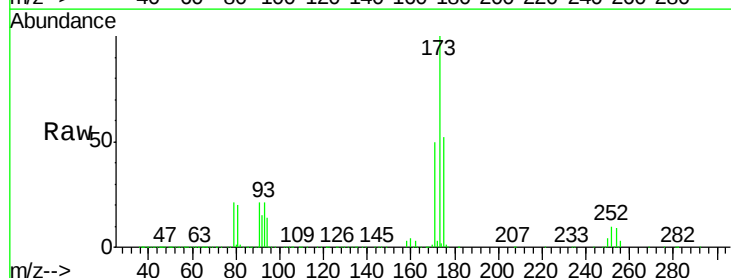
Tgt Ion:173 Resp: 268628

Ion Ratio Lower Upper

173 100

175 50.1 23.8 71.5

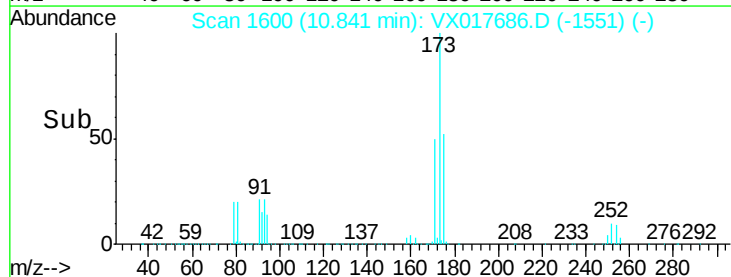
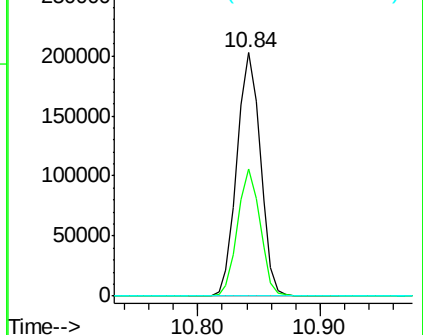
254 0.2 0.1 0.1#

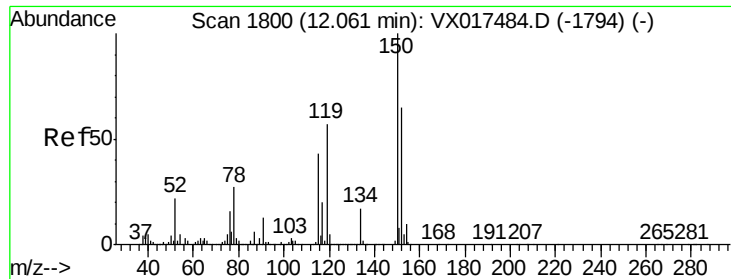


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

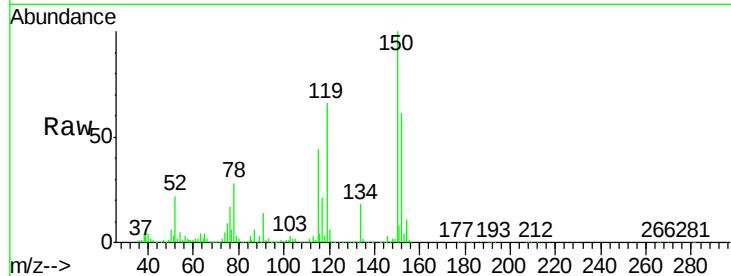
Tot Ion:152 Resp: 392059

Ion Ratio Lower Upper

152 100

115 83.3 65.5 196.6

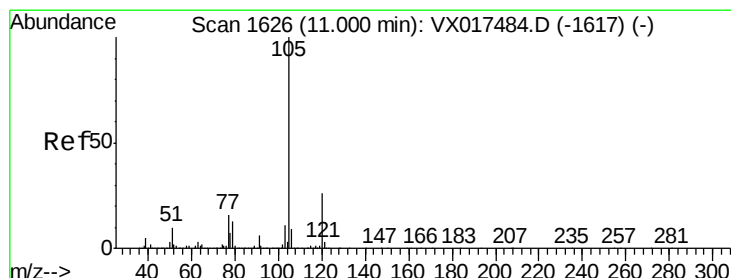
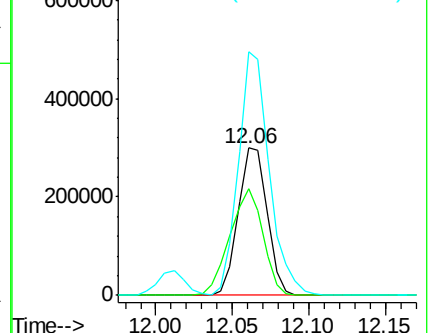
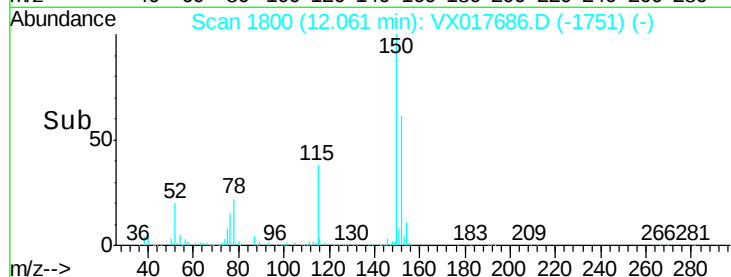
150 176.1 0.0 412.6



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: 50.172 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017686.D

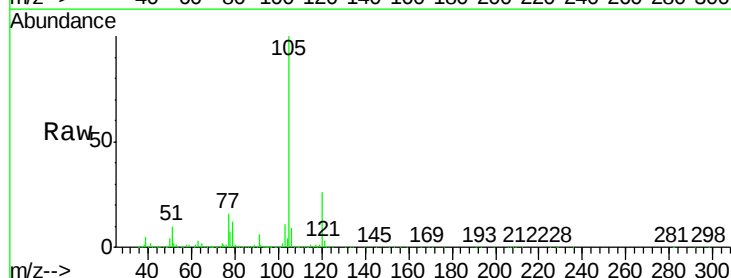
Acq: 30 Jul 2020 17:05

Tgt Ion:105 Resp: 1349416

Ion Ratio Lower Upper

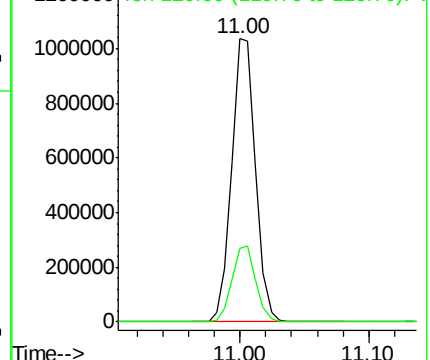
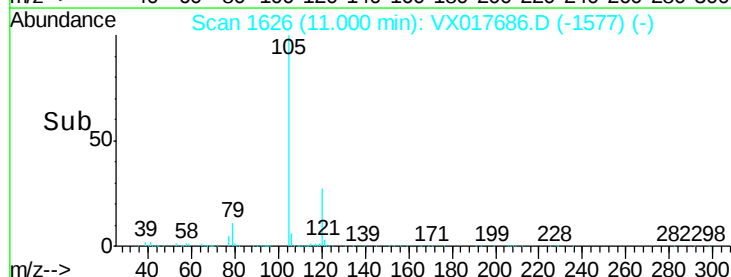
105 100

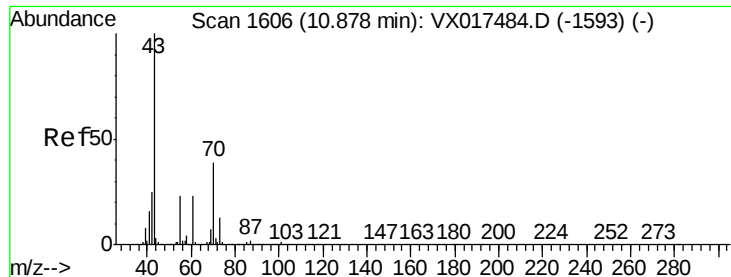
120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.612 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

Tot Ion: 43 Resp: 557015

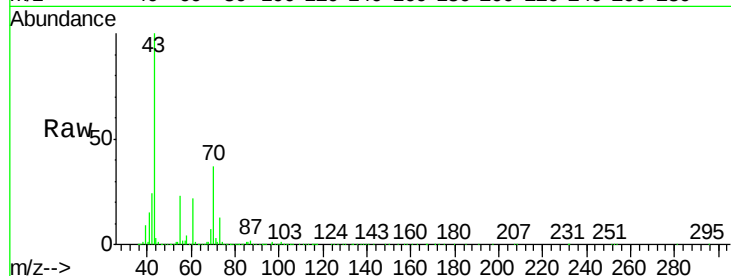
Ion Ratio Lower Upper

43 100

70 39.5 32.3 48.5

55 23.8 18.4 27.6

61 23.1 18.6 28.0

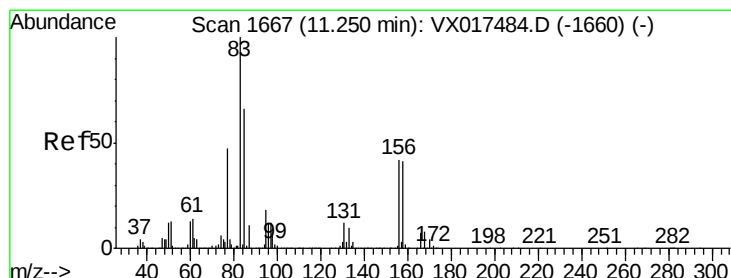
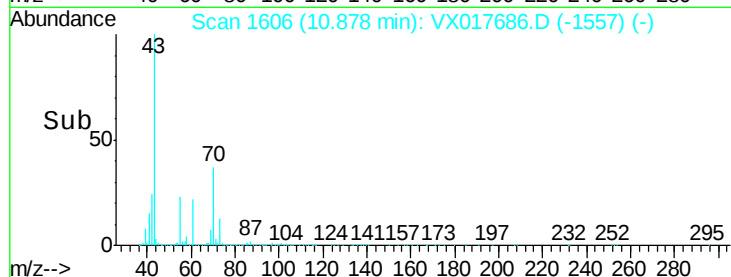
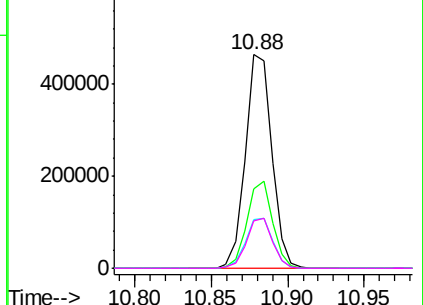


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 46.396 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

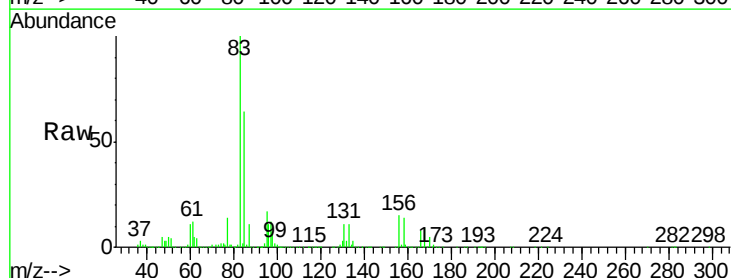
Tgt Ion: 83 Resp: 389505

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

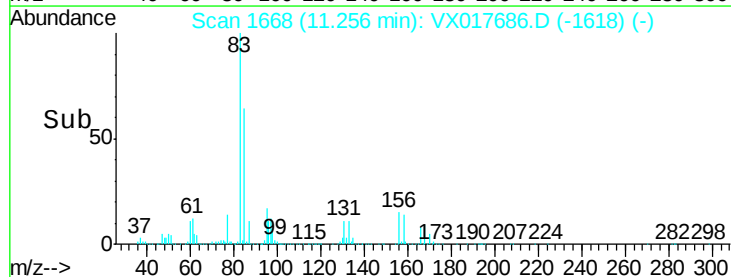
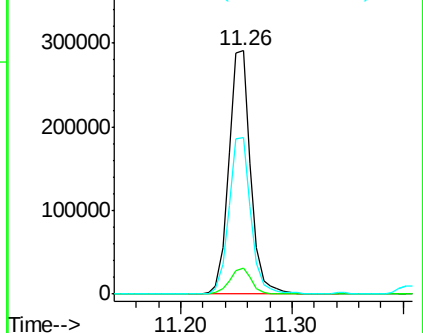
85 65.2 32.1 96.3

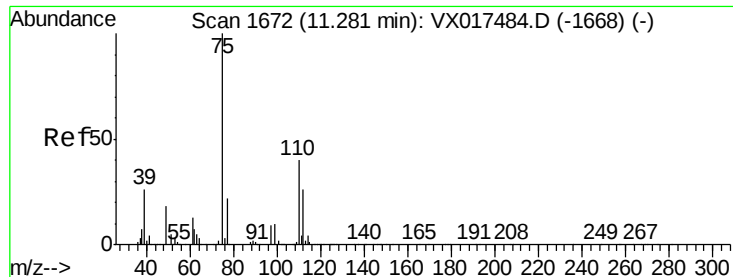


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 61.431 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

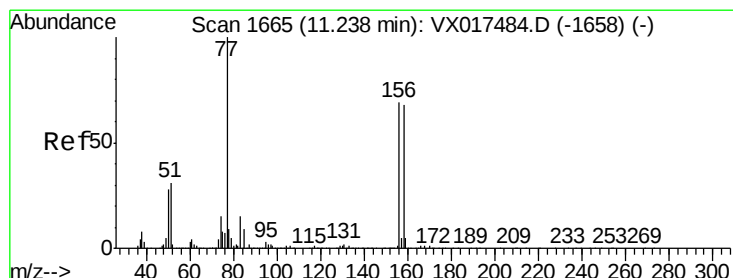
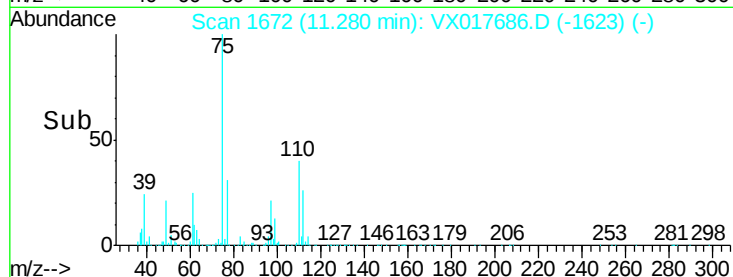
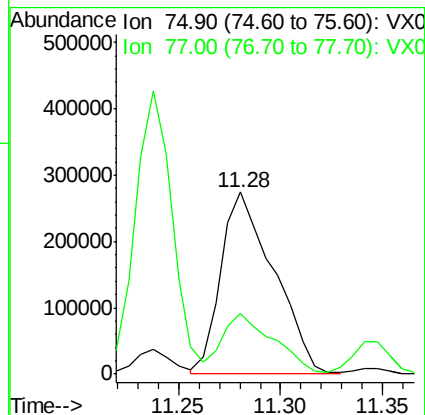
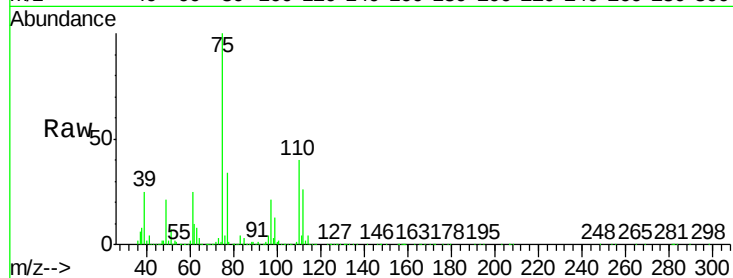
PK-10DMSD

Tot Ion: 75 Resp: 495433

Ion Ratio Lower Upper

75 100

77 32.0 21.8 65.3



#77

Bromobenzene

Concen: 47.896 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

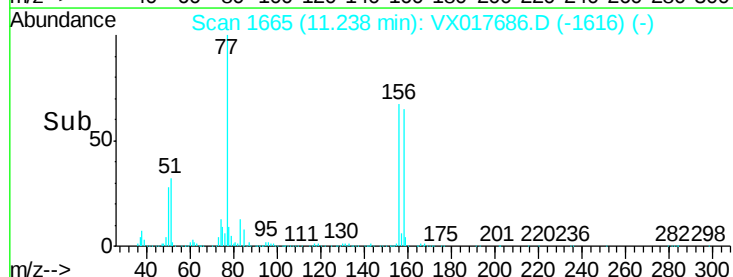
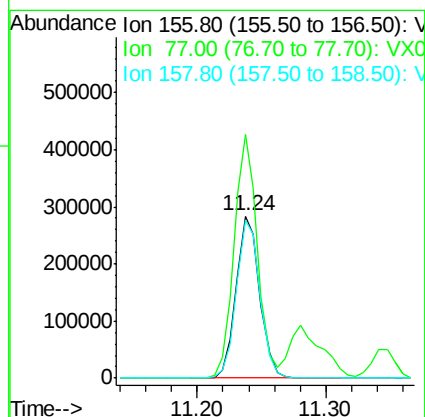
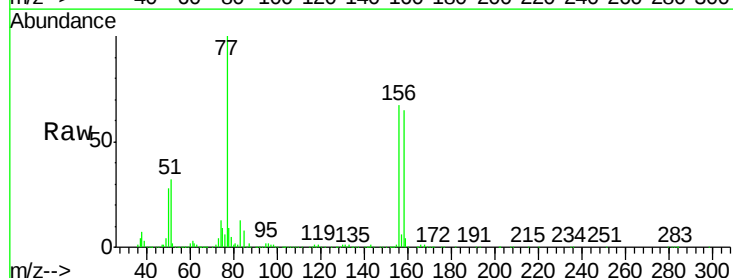
Tgt Ion: 156 Resp: 360640

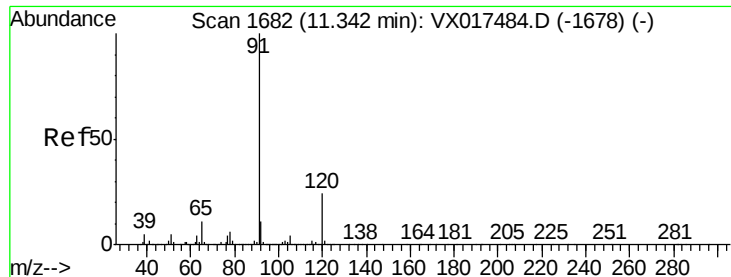
Ion Ratio Lower Upper

156 100

77 149.1 75.0 225.0

158 98.1 49.1 147.3





#78

n-propylbenzene

Concen: 51.623 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampled :

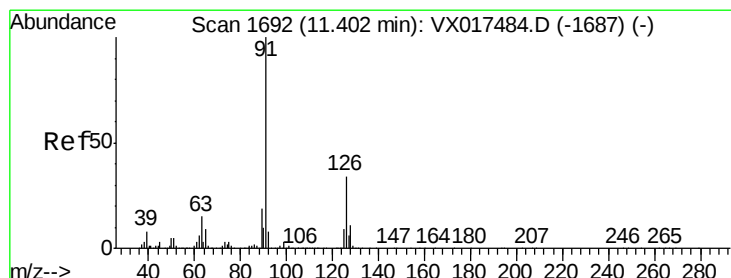
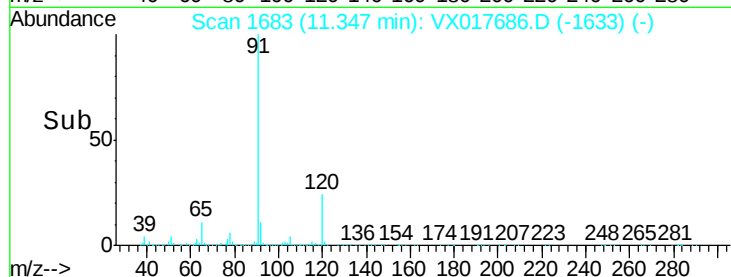
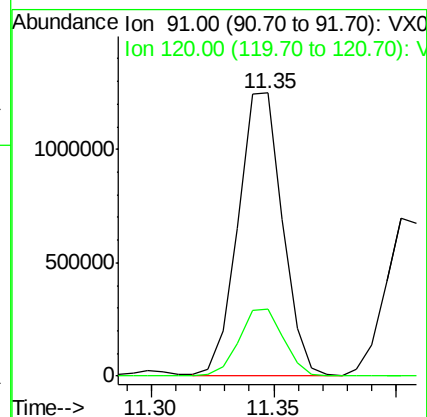
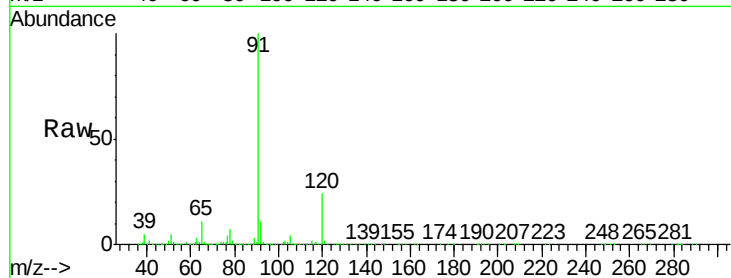
PK-10DMSD

Tot Ion: 91 Resp: 1565953

Ion Ratio Lower Upper

91 100

120 24.0 12.2 36.4



#79

2-Chlorotoluene

Concen: 48.530 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017686.D

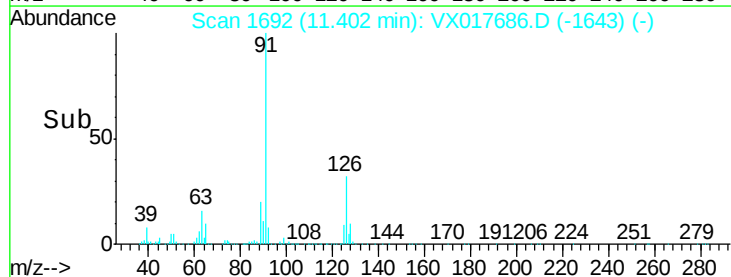
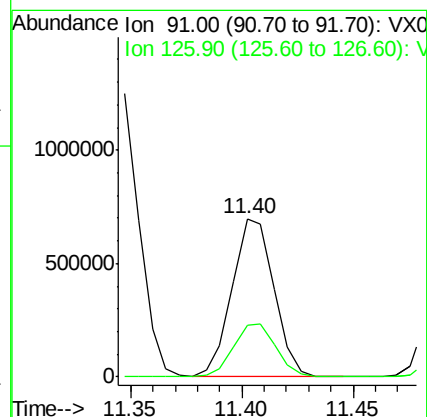
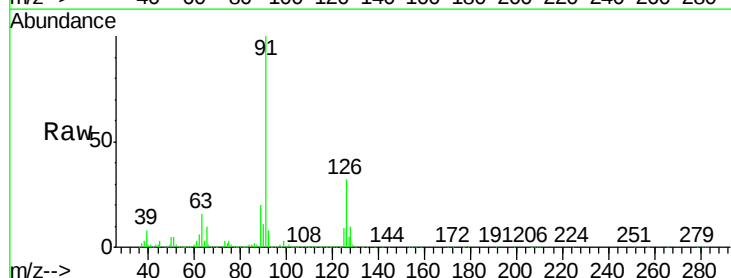
Acq: 30 Jul 2020 17:05

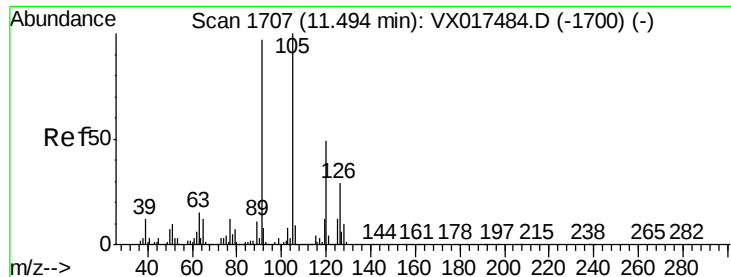
Tgt Ion: 91 Resp: 911925

Ion Ratio Lower Upper

91 100

126 34.1 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 51.873 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

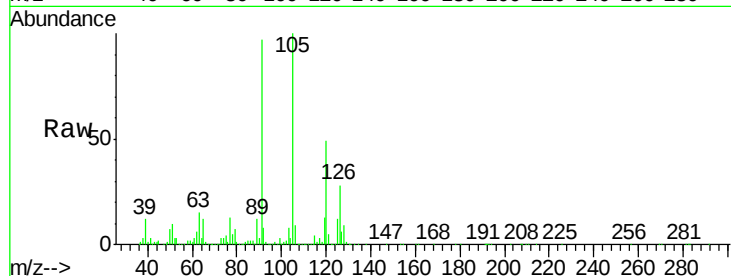
PK-10DMSD

Tot Ion:105 Resp: 1191213

Ion Ratio Lower Upper

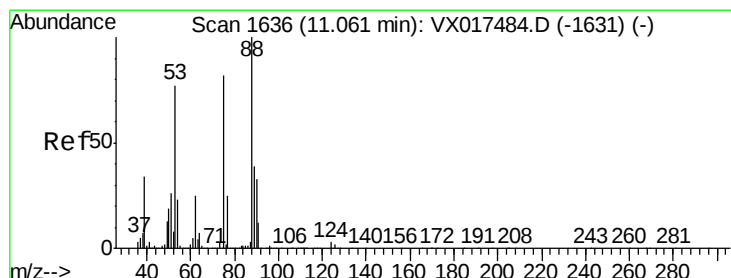
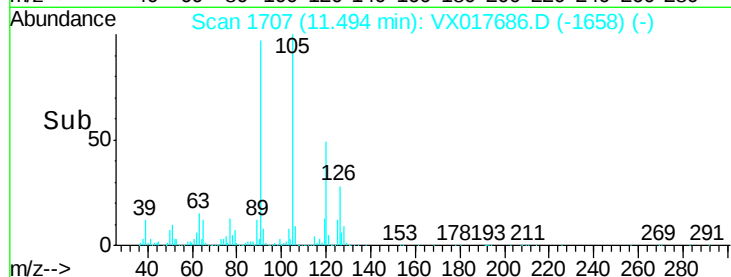
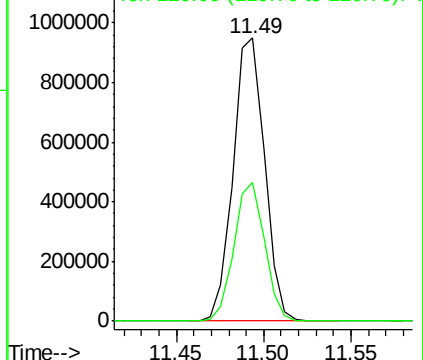
105 100

120 47.9 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 45.959 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

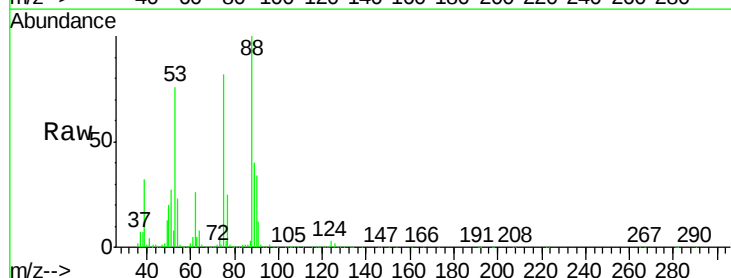
Tgt Ion: 75 Resp: 147096

Ion Ratio Lower Upper

75 100

53 96.0 75.9 113.9

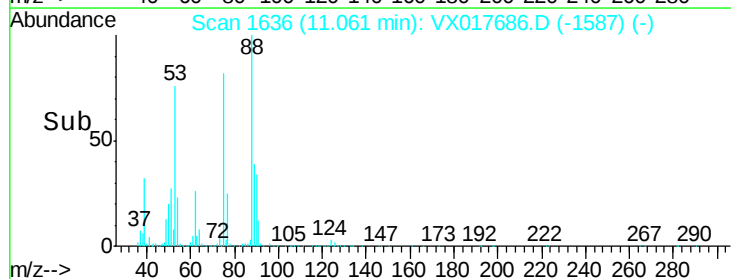
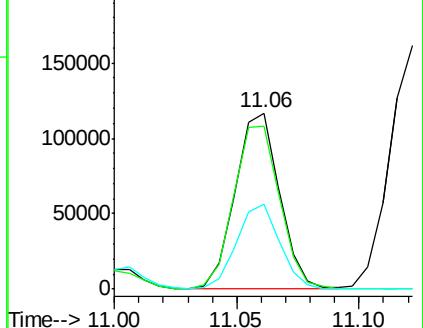
89 47.4 37.8 56.6

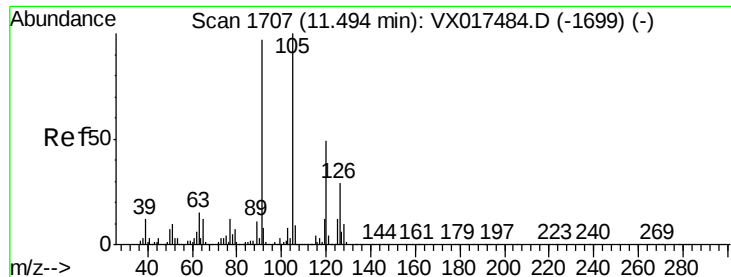


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

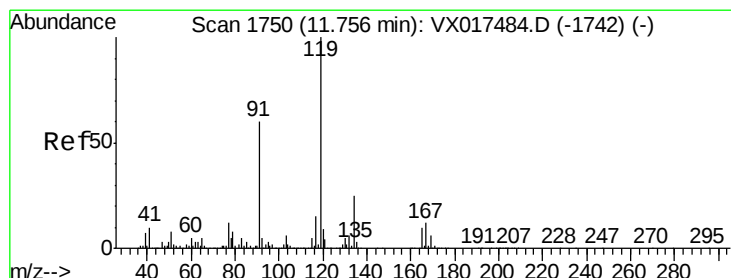
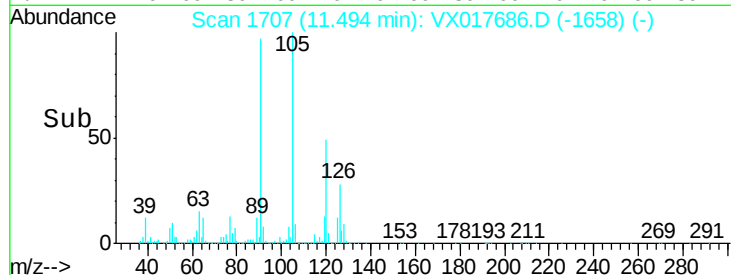
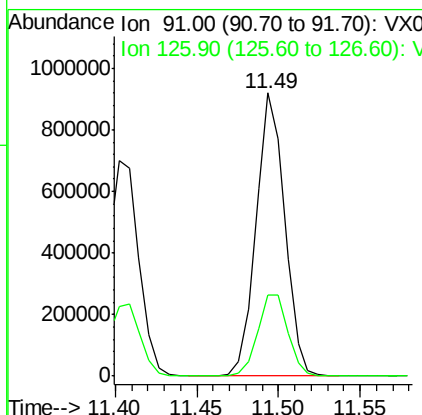
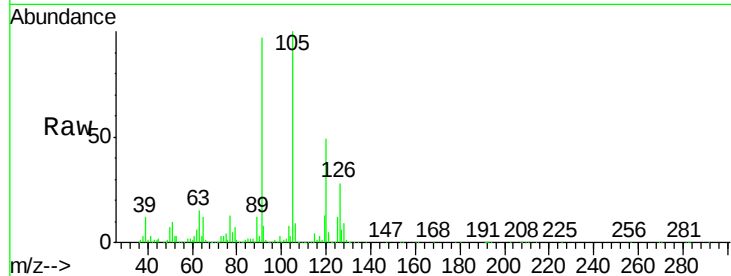




#82
4-Chlorotoluene
Concen: 50.789 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

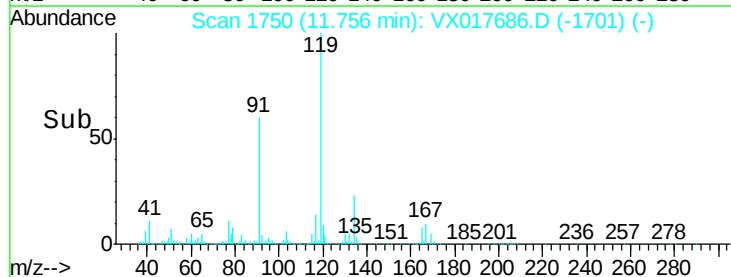
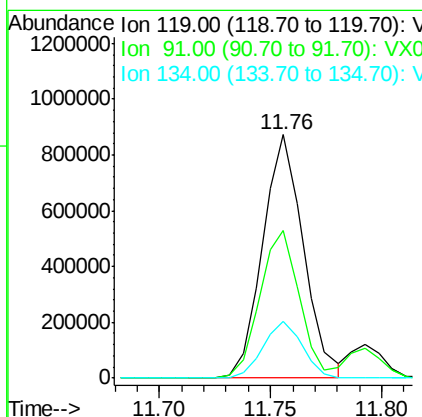
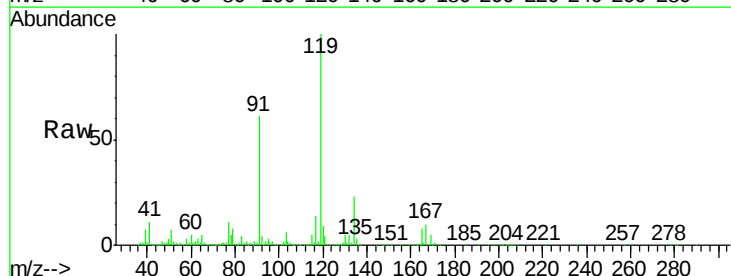
Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

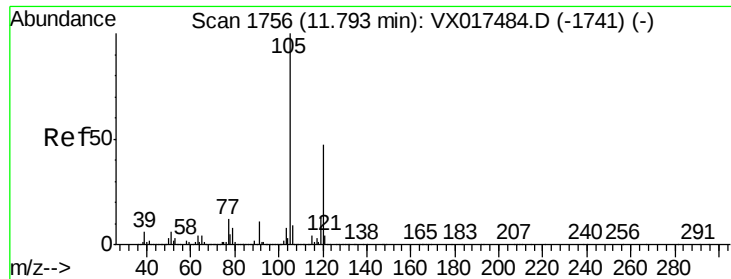
Tot Ion: 91 Resp: 1125792
Ion Ratio Lower Upper
91 100
126 30.4 15.2 45.6



#83
tert-Butylbenzene
Concen: 50.477 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion: 119 Resp: 1109144
Ion Ratio Lower Upper
119 100
91 58.5 29.3 88.0
134 22.6 11.2 33.6

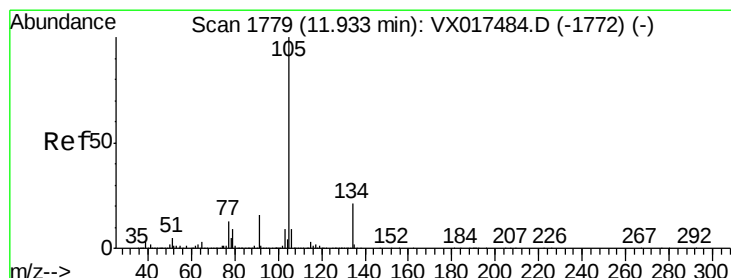
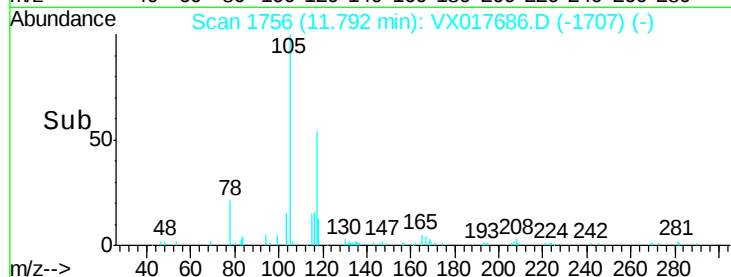
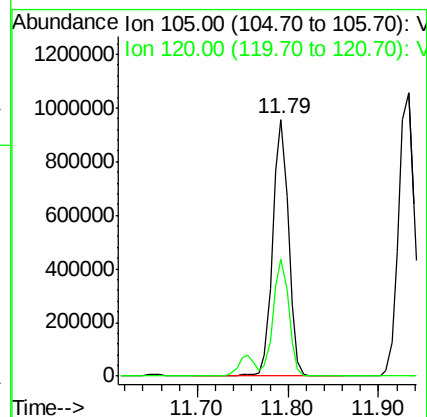
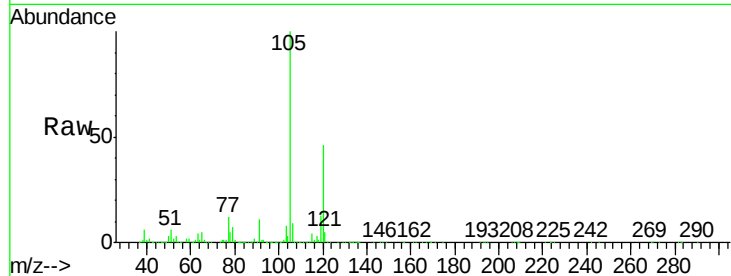




#84
 1,2,4-Trimethylbenzene
 Concen: 50.584 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

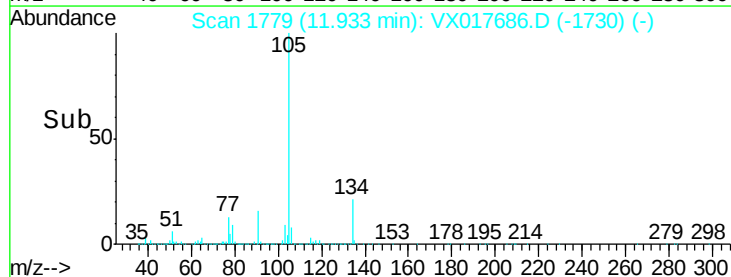
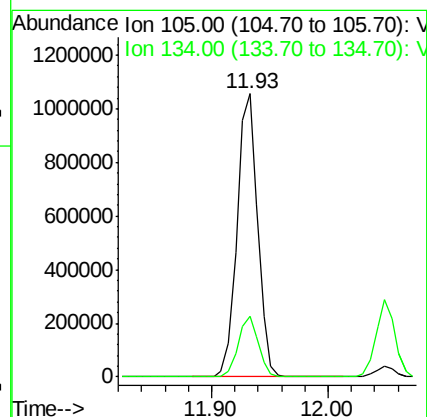
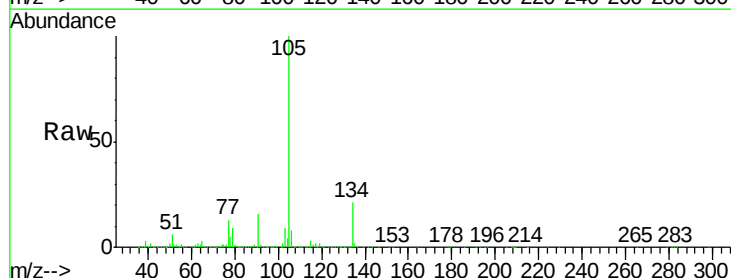
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

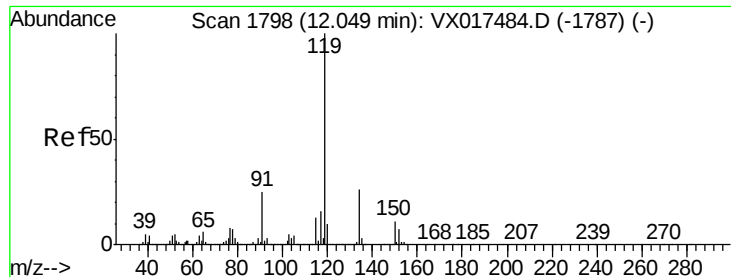
Tot Ion:105 Resp: 1155354
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.0



#85
 sec-Butylbenzene
 Concen: 50.675 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion:105 Resp: 1297141
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.2

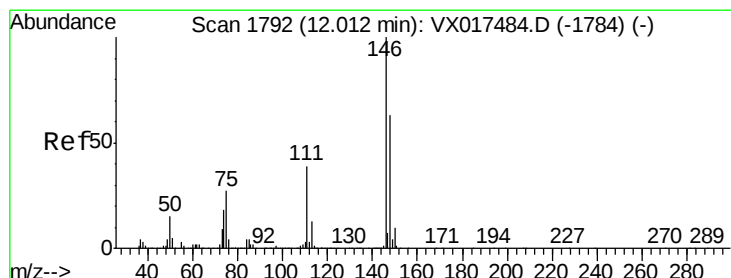
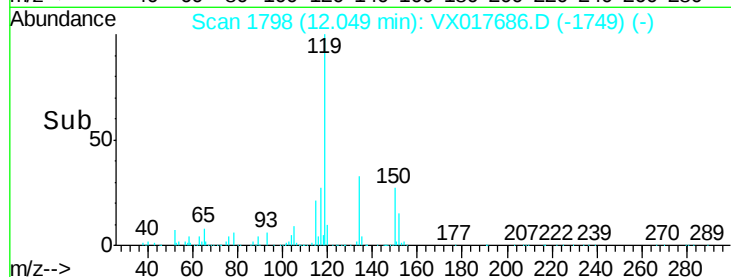
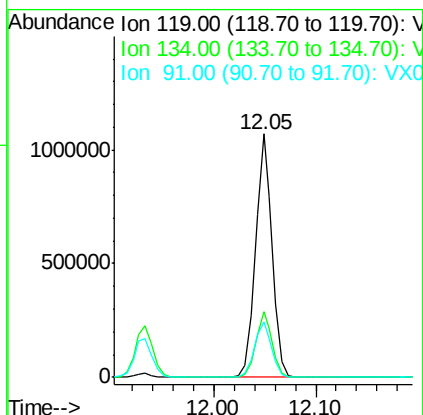
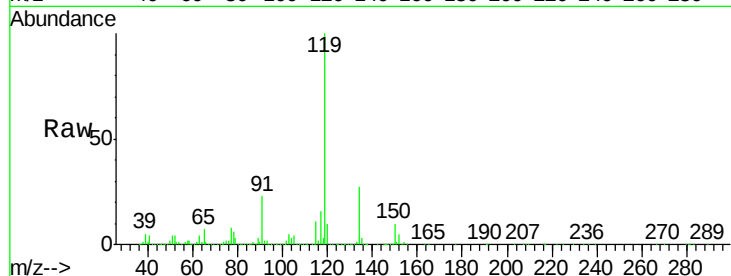




#86
 p-Isopropyltoluene
 Concen: 49.898 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

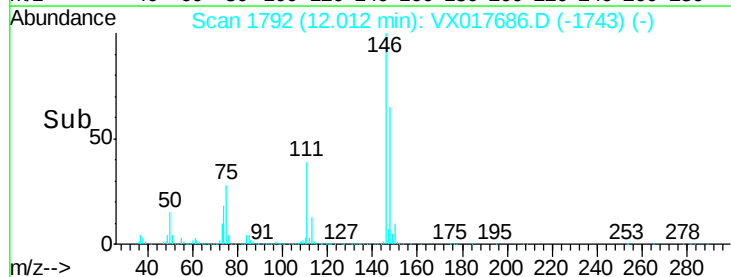
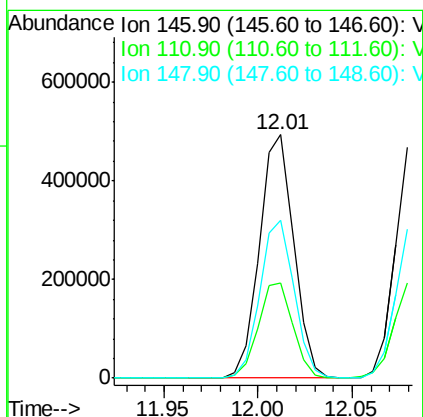
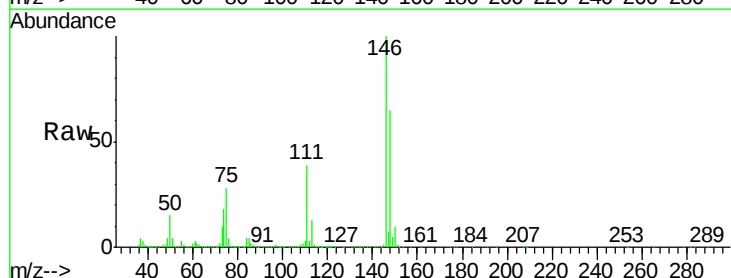
Instrument :
 MSVOA_X
 ClientSampled :
 PK-10DMSD

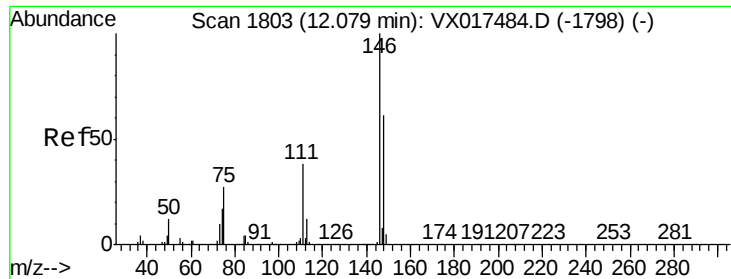
Tot Ion:119 Resp: 1216327
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 23.5 12.1 36.3



#87
 1,3-Dichlorobenzene
 Concen: 48.335 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion:146 Resp: 624973
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.7
 148 64.5 31.6 95.0

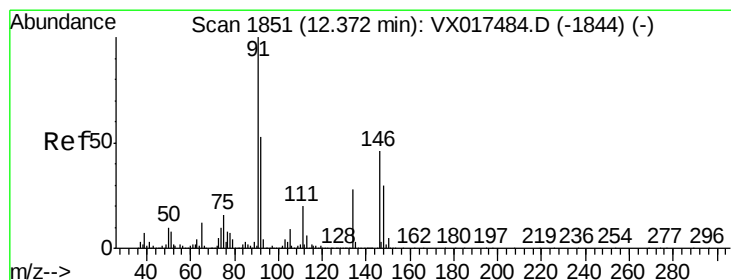
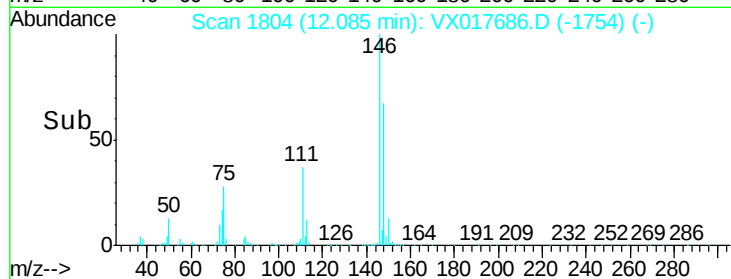
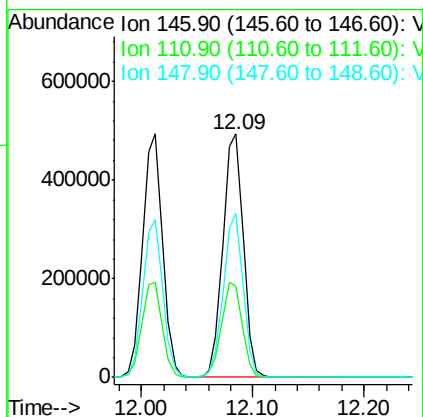
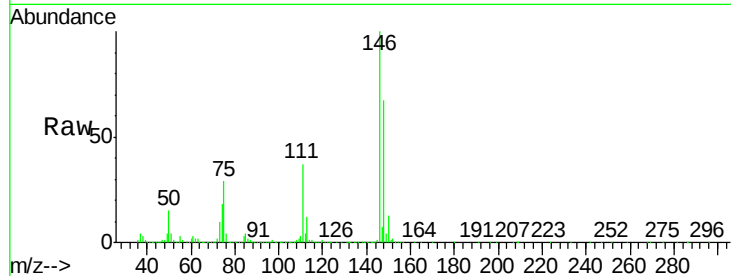




#88
 1,4-Dichlorobenzene
 Concen: 46.771 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

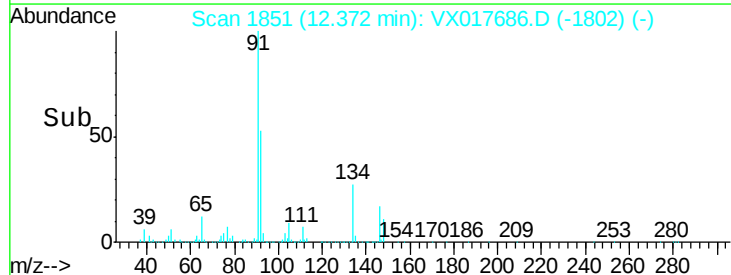
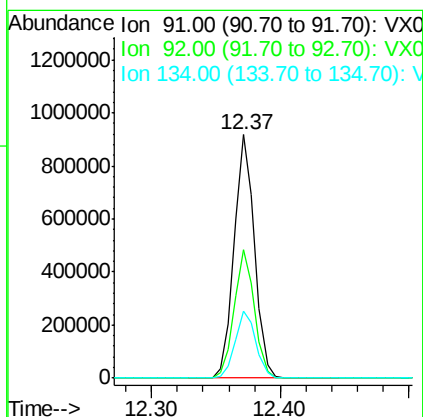
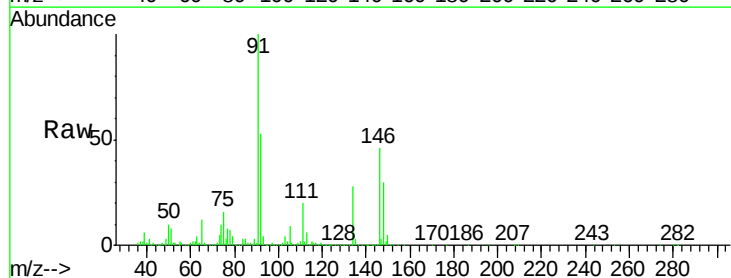
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

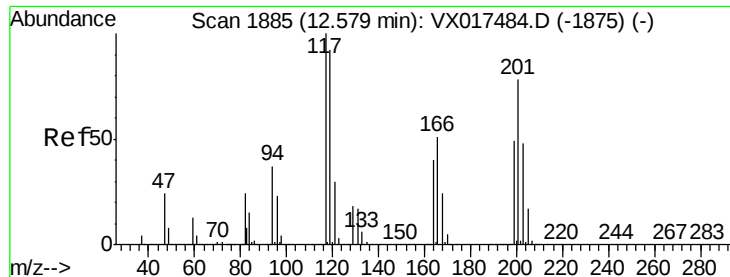
Tot Ion:146 Resp: 626408
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.3 57.8
 148 65.4 32.2 96.6



#89
 n-Butylbenzene
 Concen: 46.891 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion: 91 Resp: 1018507
 Ion Ratio Lower Upper
 91 100
 92 52.1 26.7 80.1
 134 28.0 13.6 40.7





#90

Hexachloroethane

Concen: 47.280 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

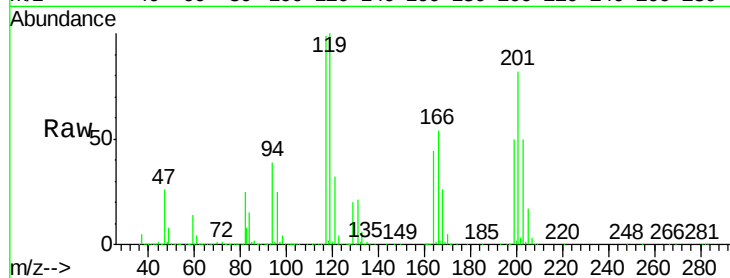
PK-10DMSD

Tot Ion:117 Resp: 227218

Ion Ratio Lower Upper

117 100

201 81.8 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

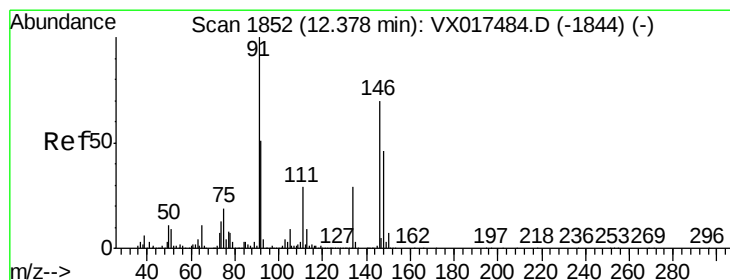
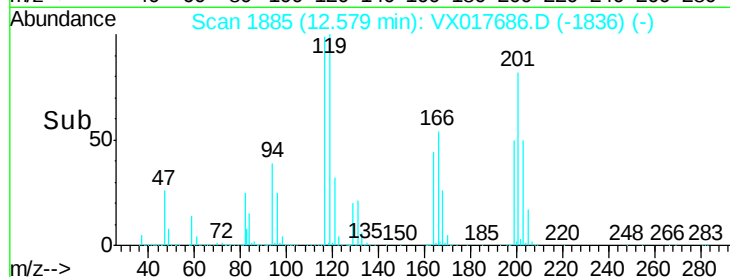
150000

100000

50000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 46.682 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

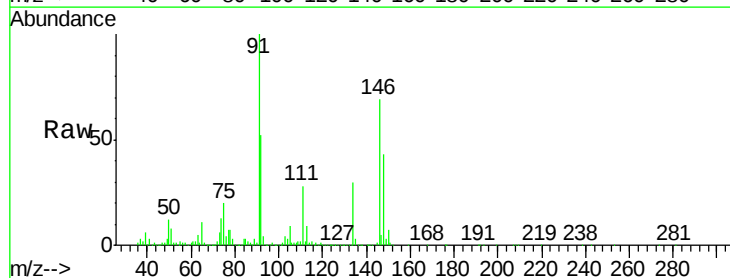
Tgt Ion:146 Resp: 593237

Ion Ratio Lower Upper

146 100

111 41.1 20.9 62.8

148 63.7 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

500000

400000

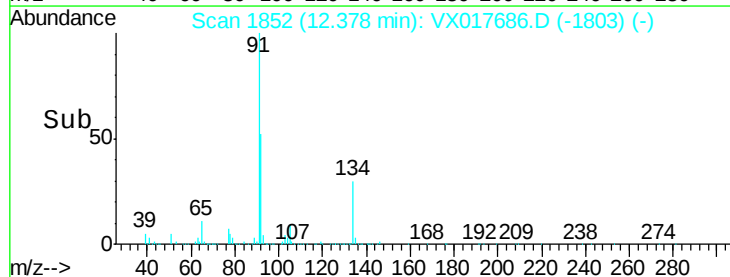
300000

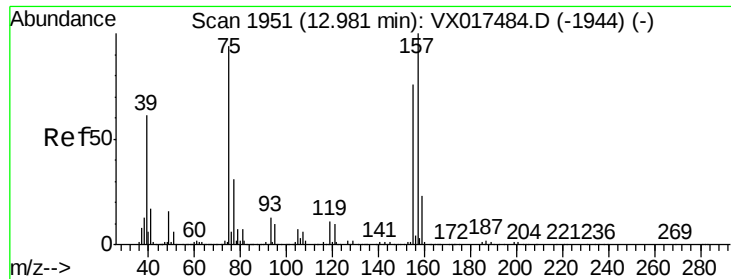
200000

100000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 44.947 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

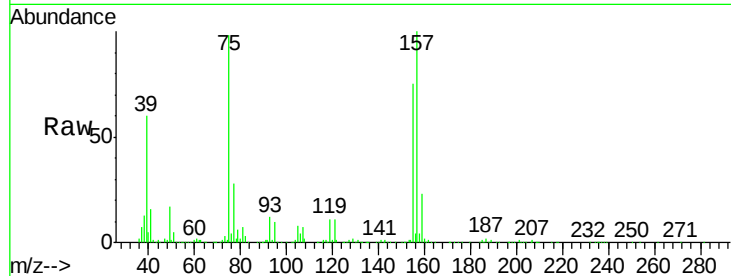
Tot Ion: 75 Resp: 106060

Ion Ratio Lower Upper

75 100

155 84.8 42.3 126.8

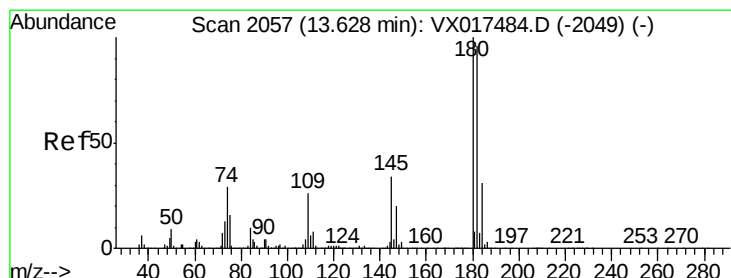
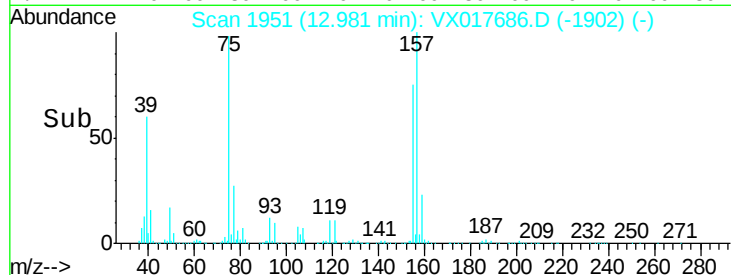
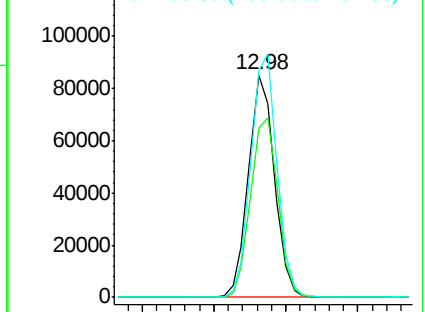
157 109.7 54.3 162.9



Abundance Ion 74.90 (74.60 to 75.60): VX017686.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX017686.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX017686.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 49.449 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

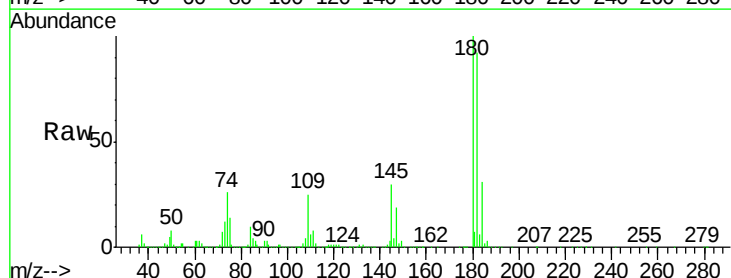
Tgt Ion: 180 Resp: 428881

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

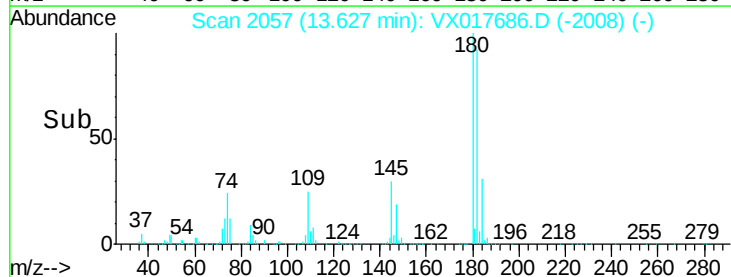
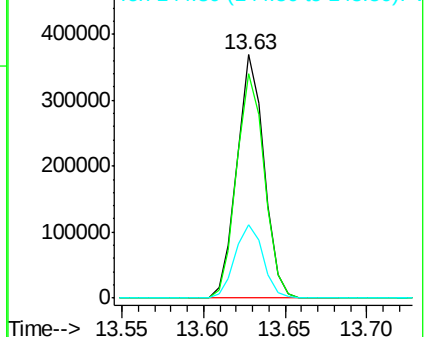
145 31.2 15.4 46.4

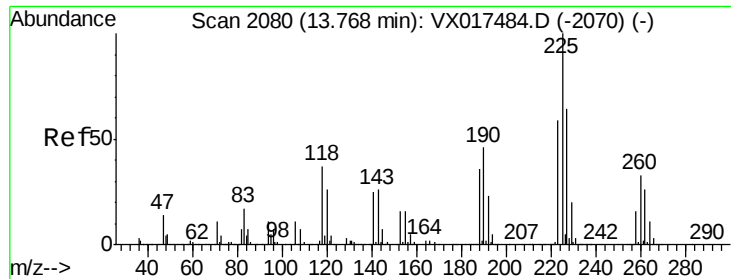


Abundance Ion 179.80 (179.50 to 180.50): VX017686.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX017686.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX017686.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 44.217 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMSD

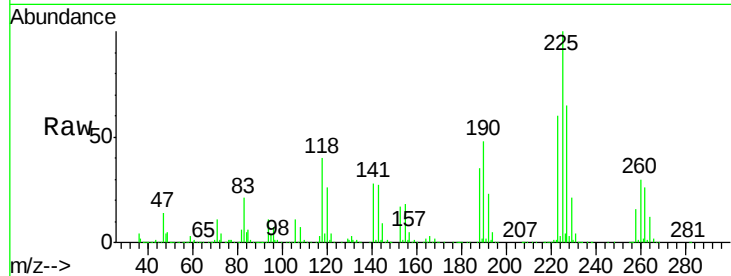
Tot Ion:225 Resp: 176530

Ion Ratio Lower Upper

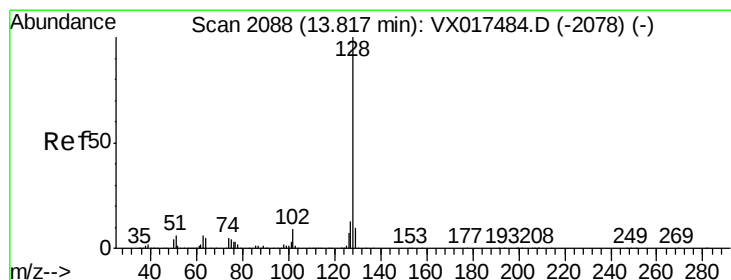
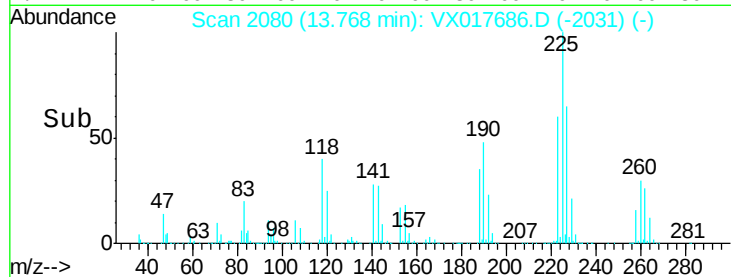
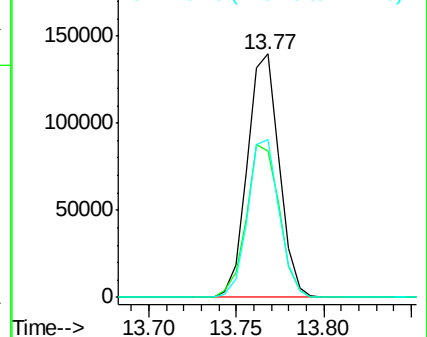
225 100

223 64.8 30.3 90.9

227 64.1 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: 50.537 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

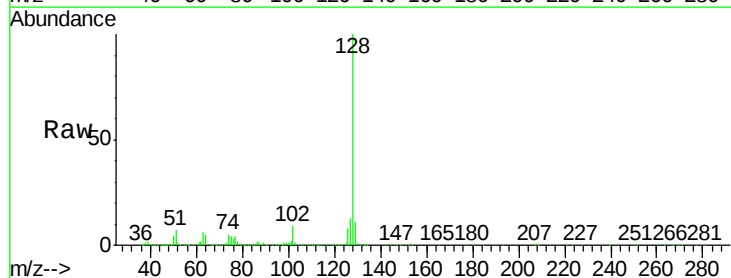
Tgt Ion:128 Resp: 1308446

Ion Ratio Lower Upper

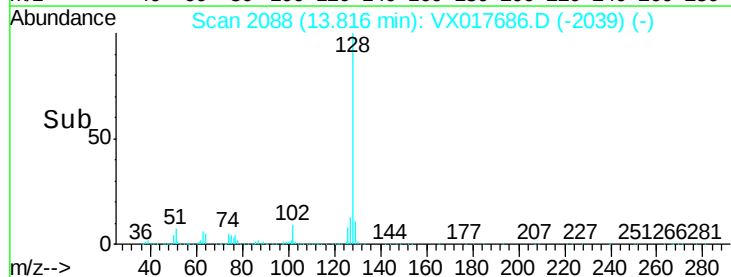
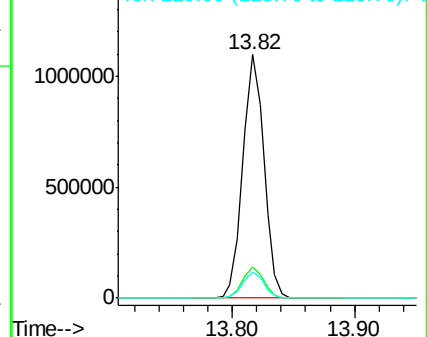
128 100

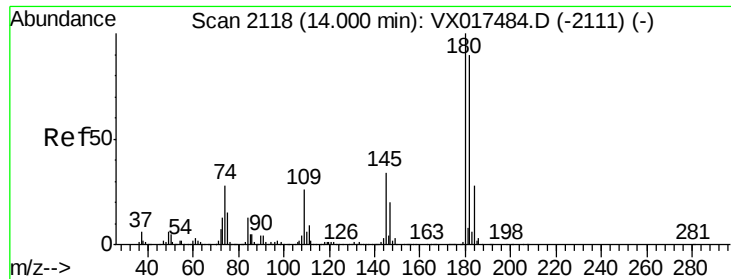
127 12.7 10.4 15.6

129 11.0 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: 49.945 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.4	142.3
145	32.2	16.3	48.9

