

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073020\
 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

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:58:04 AM

Quant Time: Jul 31 06:37:38 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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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	379258m	47.026	ug/l	
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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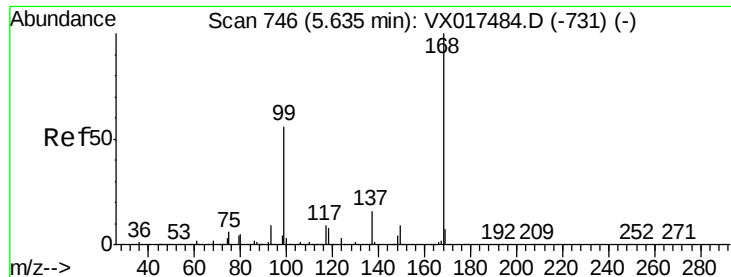
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	176530	44.217	ug/l	96
95) Naphthalene	13.82	128	1308446	50.537	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	427713	49.945	ug/l	98

(#) = 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

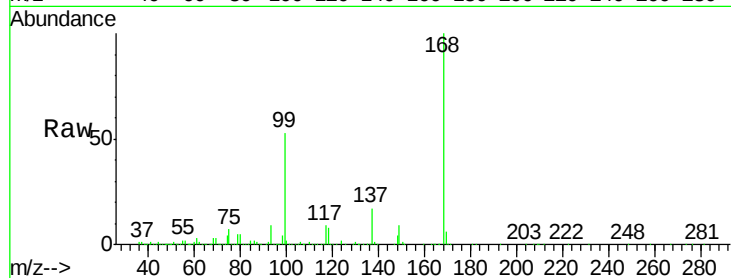
99 52.9 43.4 65.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

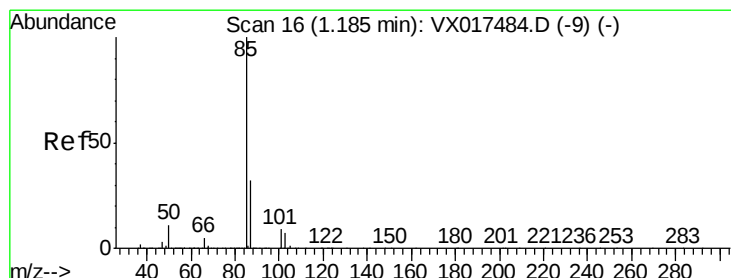
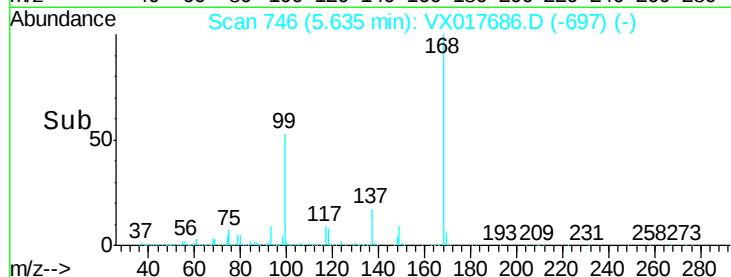
150000

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

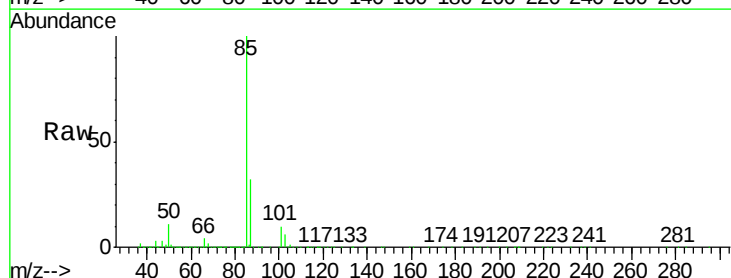
Acq: 30 Jul 2020 17:05

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

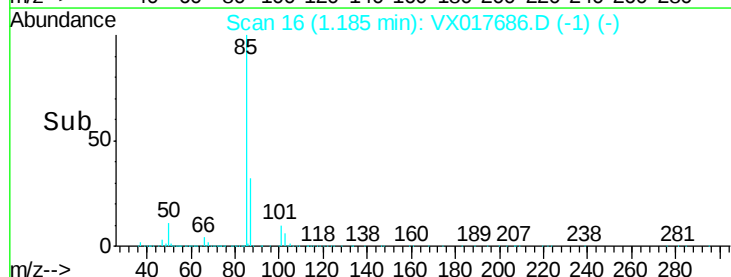
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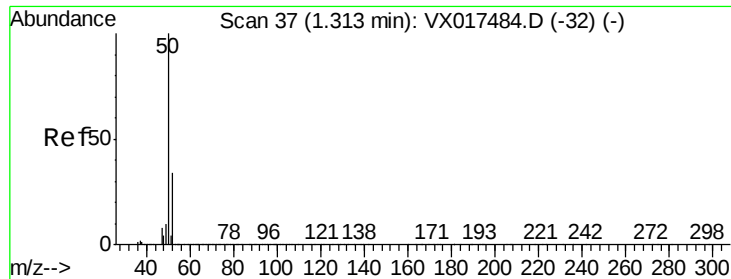
100000

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

ClientSampled :

PK-10DMSD

Tot Ion: 50 Resp: 286315

Ion Ratio Lower Upper

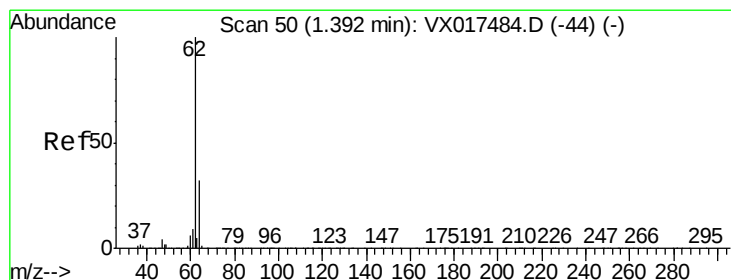
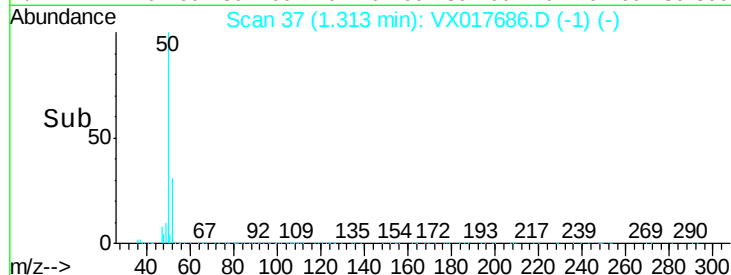
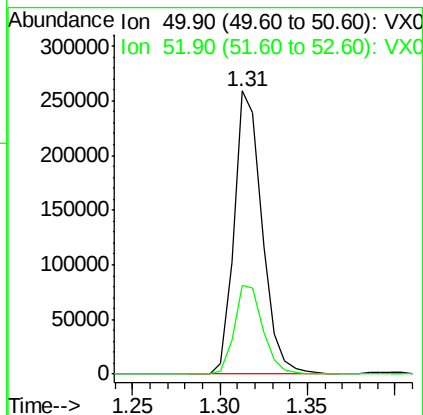
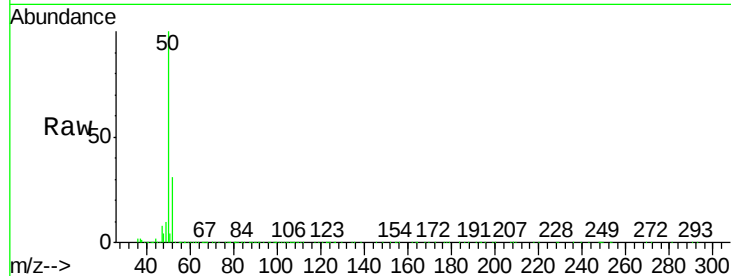
50 100

52 31.2 25.9 38.9

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#4

Vinyl Chloride

Concen: 42.494 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017686.D

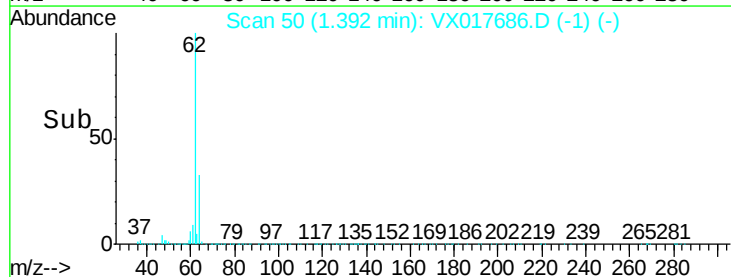
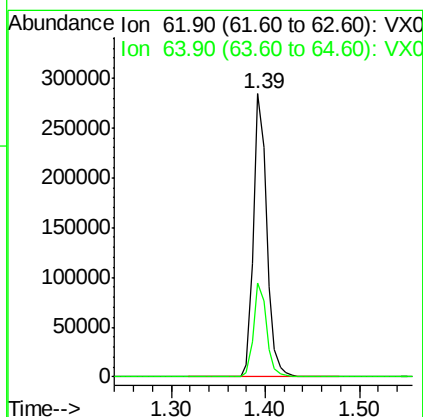
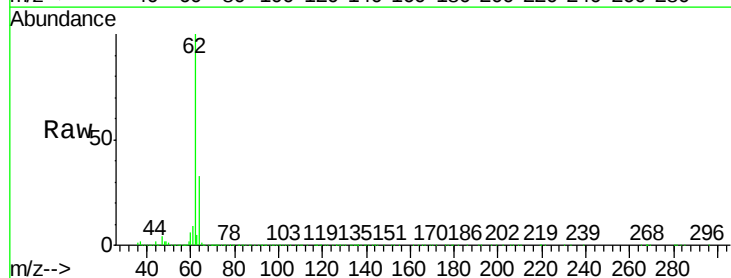
Acq: 30 Jul 2020 17:05

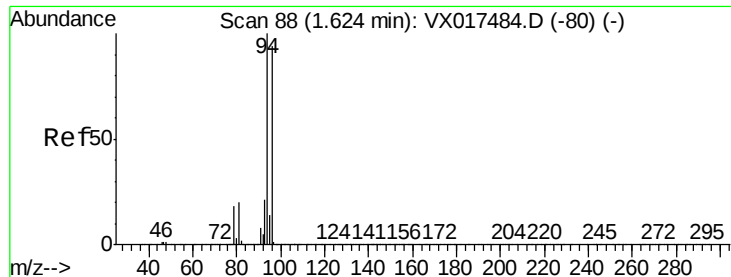
Tgt Ion: 62 Resp: 285218

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 :

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ClientSampleId :

PK-10DMSD

Tot Ion: 94 Resp: 175528

Ion Ratio Lower Upper

94 100

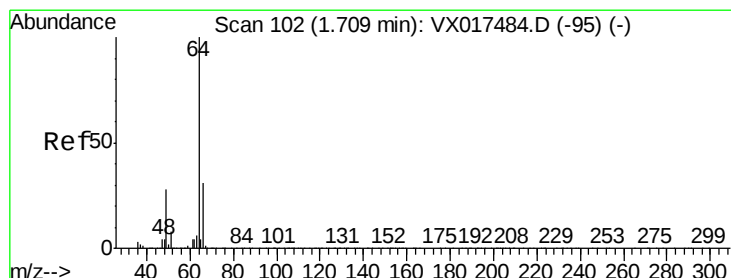
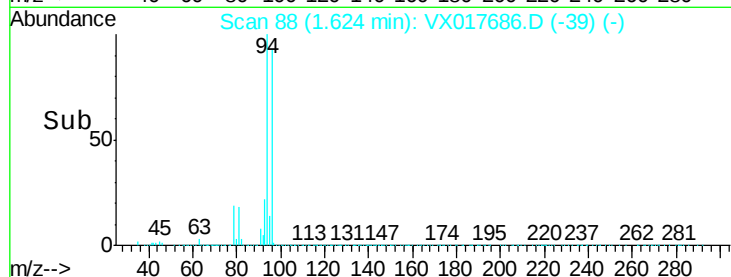
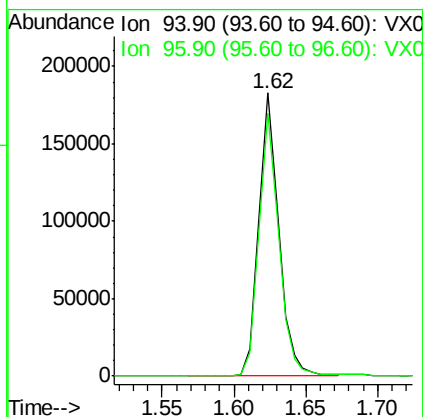
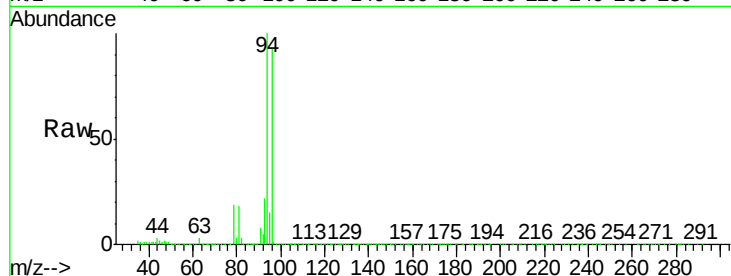
96 93.0 74.1 111.1

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#6

Chloroethane

Concen: 48.285 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017686.D

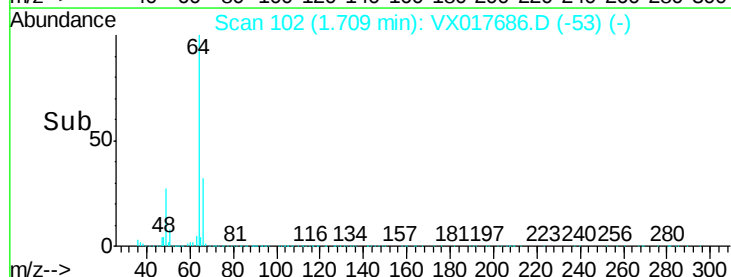
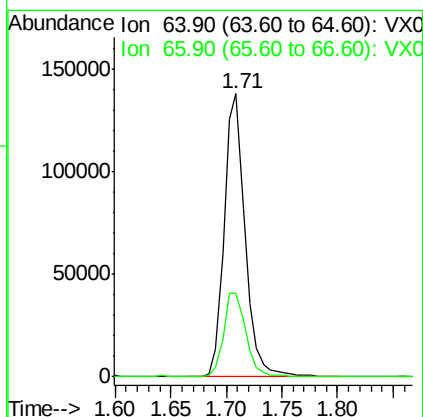
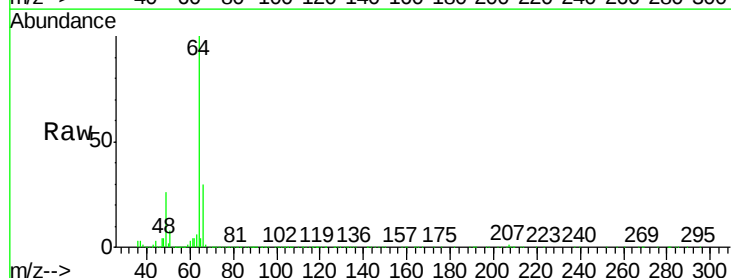
Acq: 30 Jul 2020 17:05

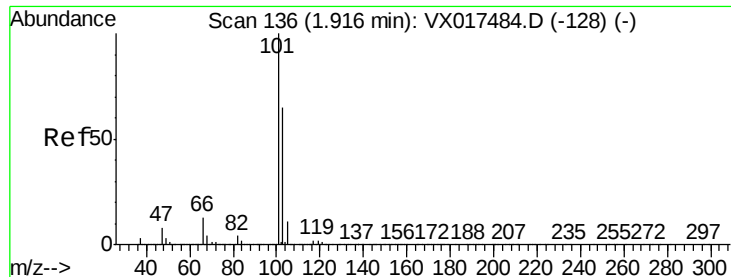
Tgt Ion: 64 Resp: 178808

Ion Ratio Lower Upper

64 100

66 29.5 24.9 37.3





#7

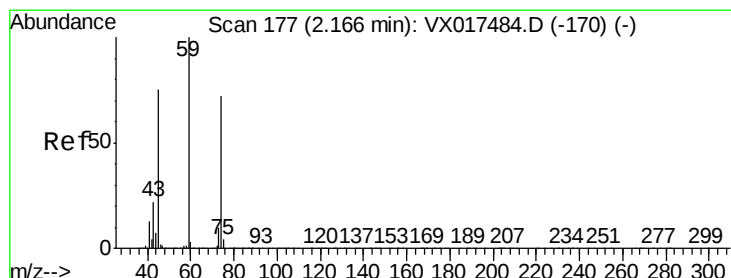
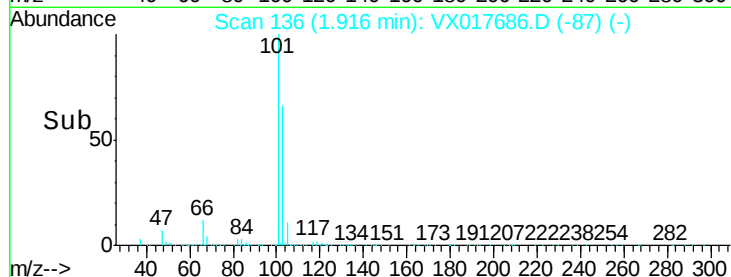
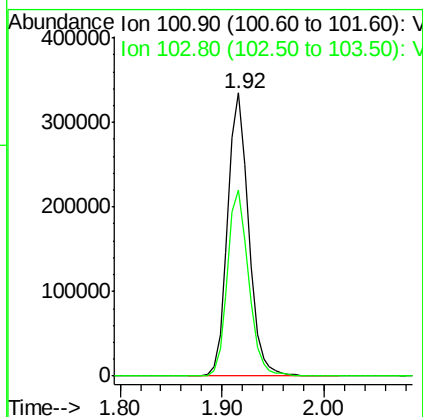
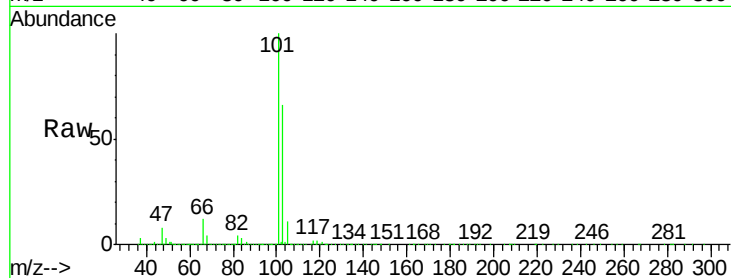
Trichlorofluoromethane
Concen: 45.196 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.8	77.8

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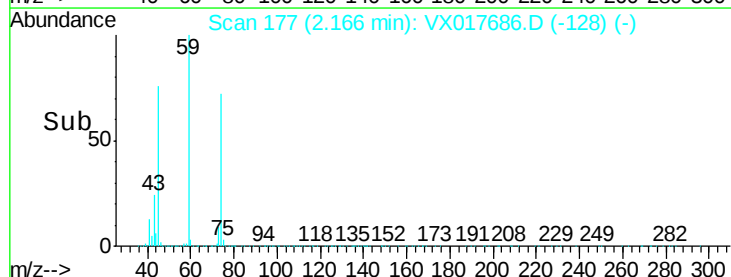
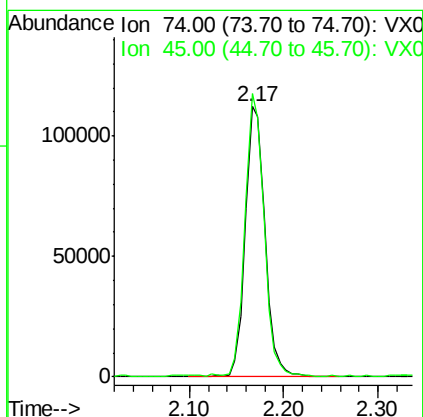
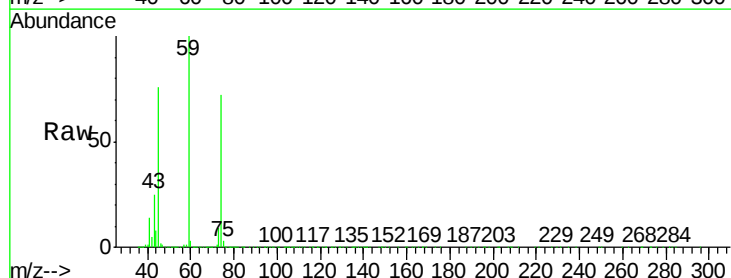
MMDadoda
7/31/2020 11:58:04 AM

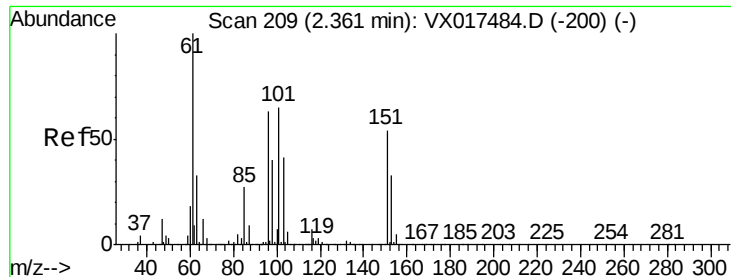


#8

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	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

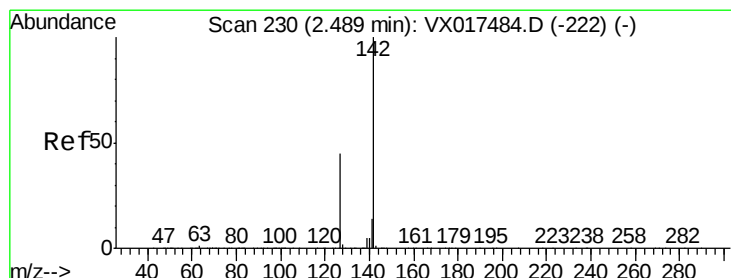
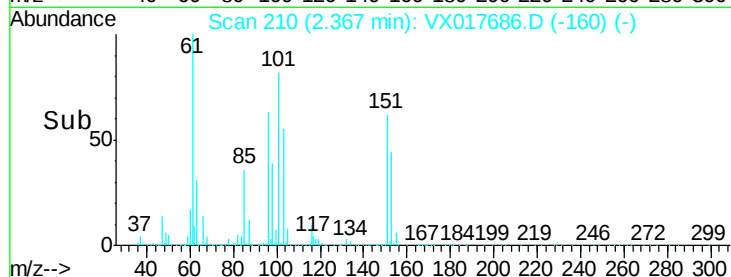
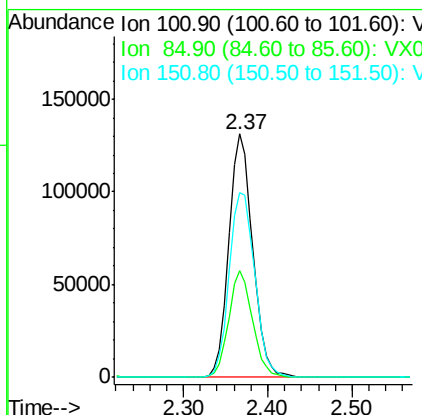
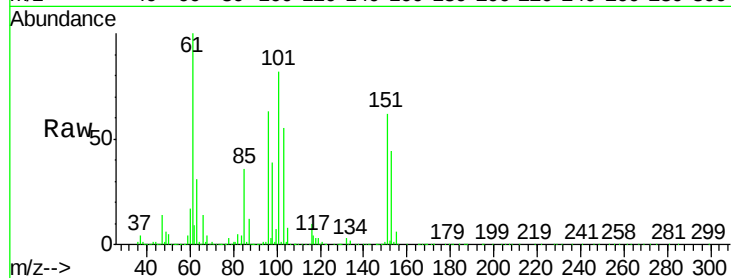
ClientSampleId :

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

Manual Integrations
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#10

Methyl Iodide

Concen: 42.687 ug/l

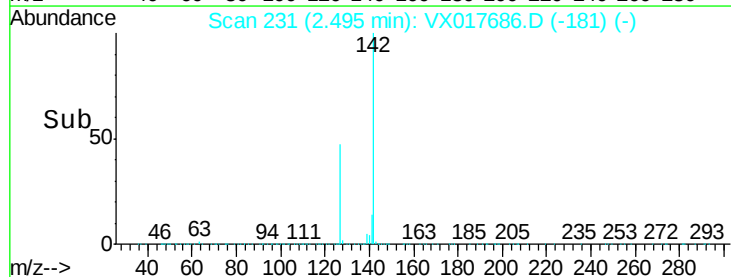
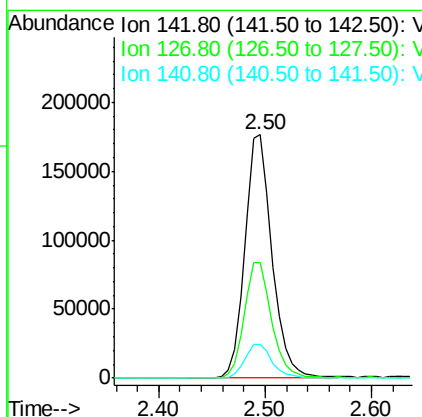
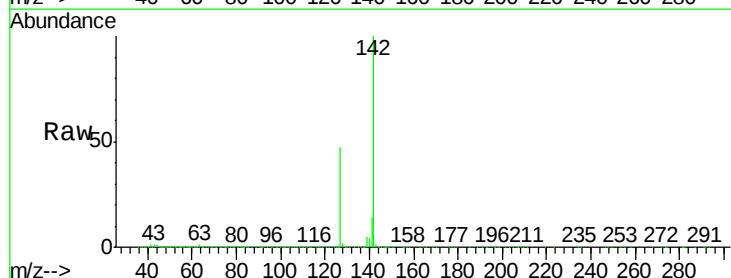
RT: 2.50 min Scan# 231

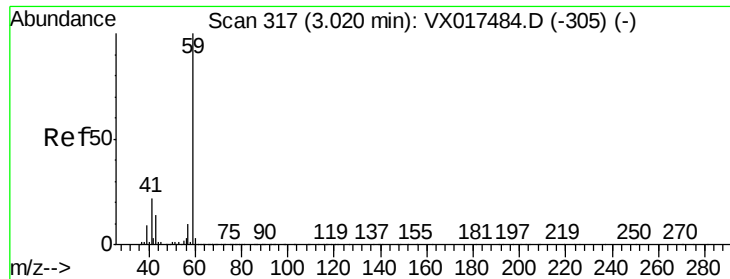
Delta R.T. 0.01 min

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





#11

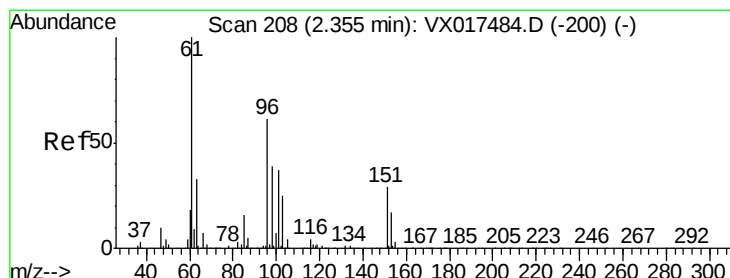
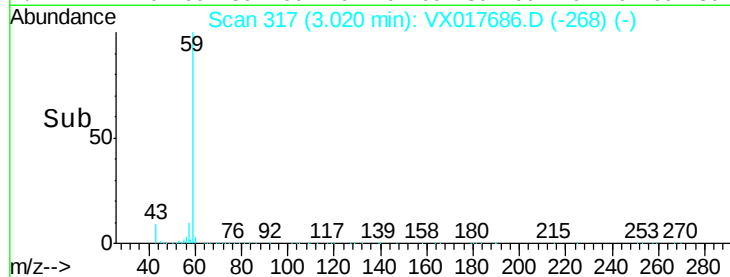
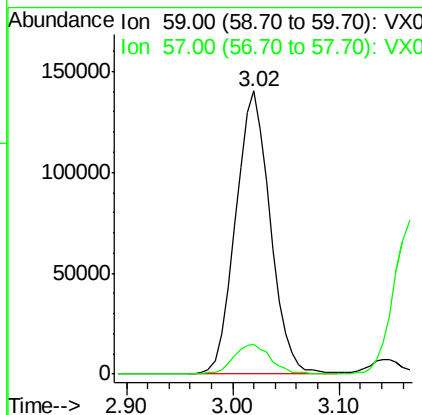
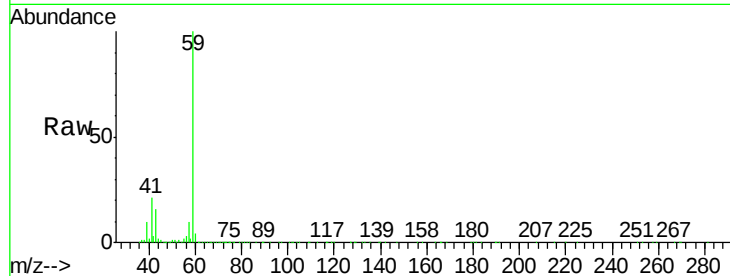
Tert butyl alcohol
Concen: 221.627 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8

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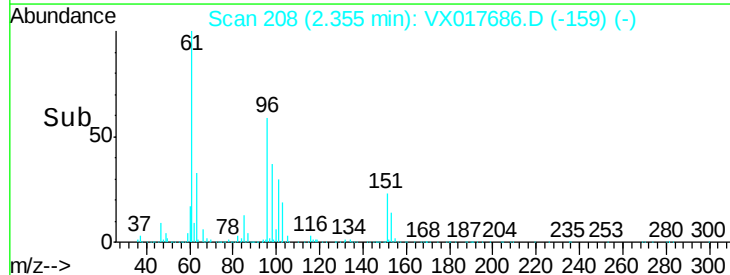
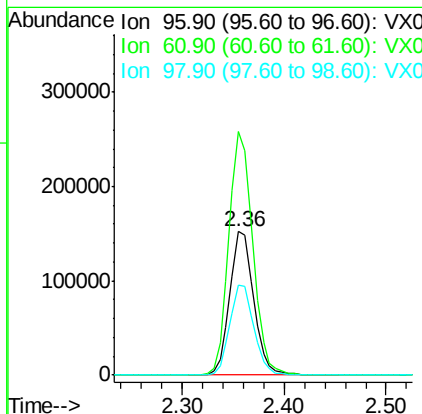
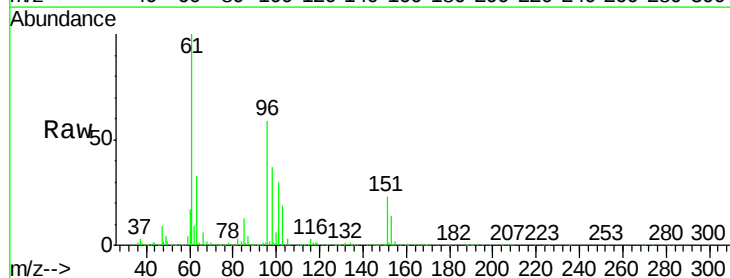
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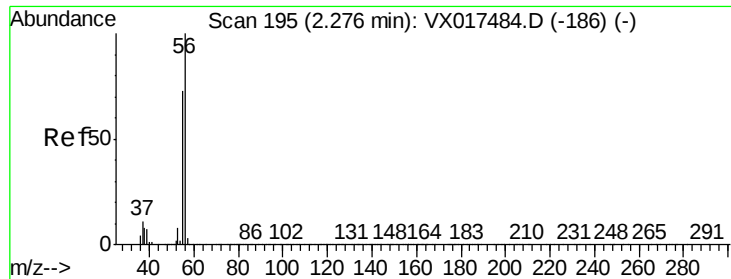


#12

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	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

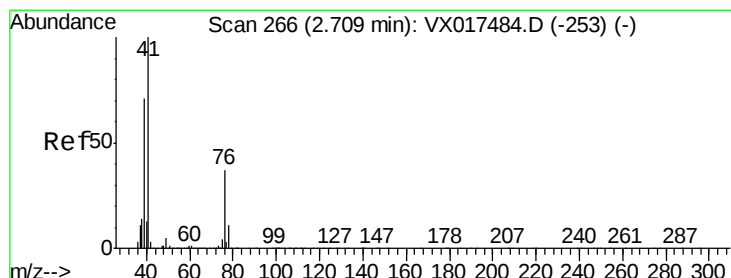
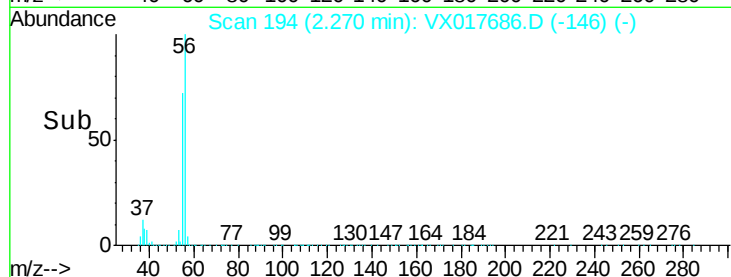
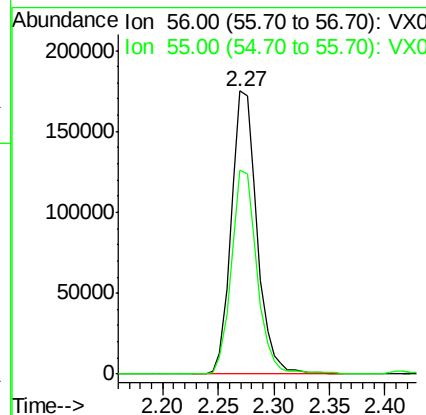
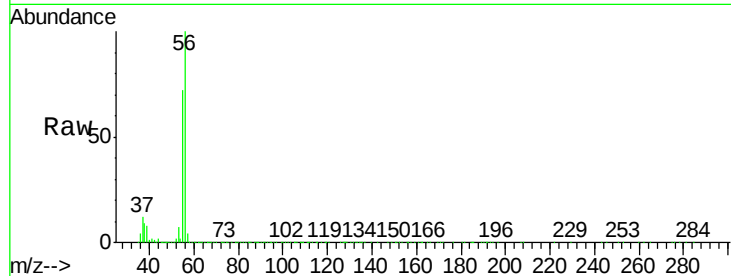
55 71.1 57.4 86.2

Manual Integrations

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#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

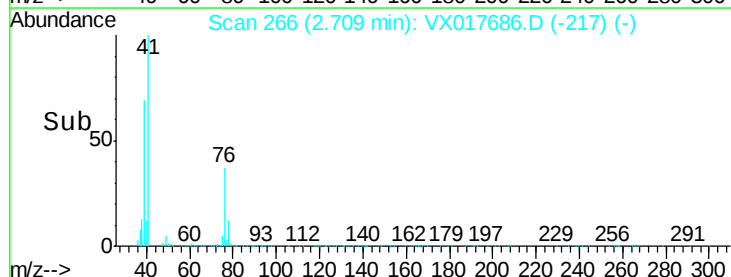
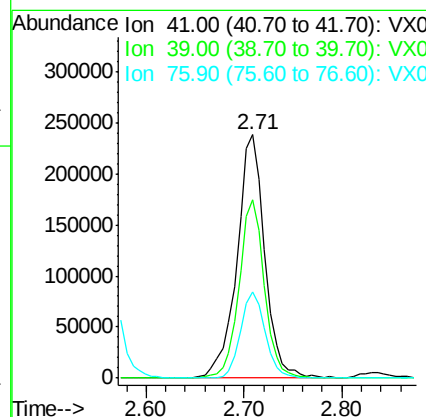
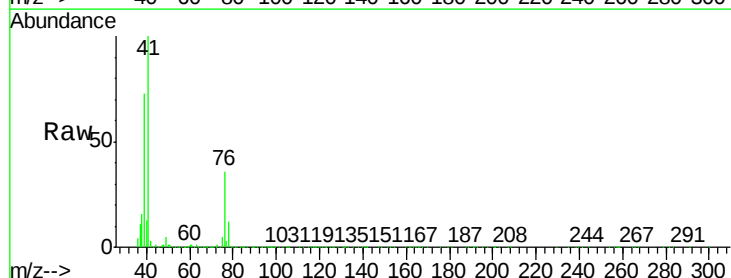
Tgt Ion: 41 Resp: 466450

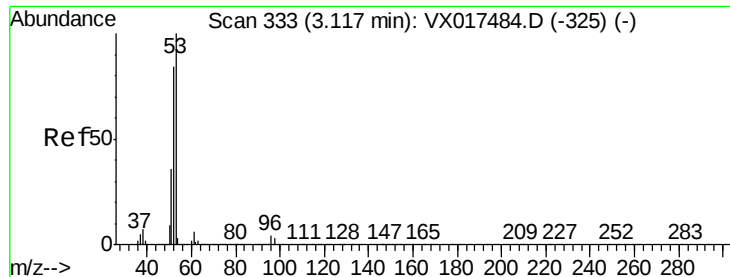
Ion Ratio Lower Upper

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

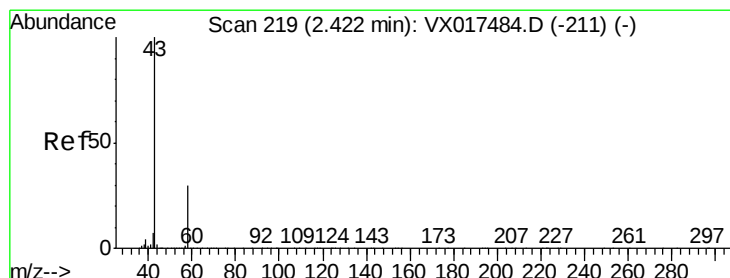
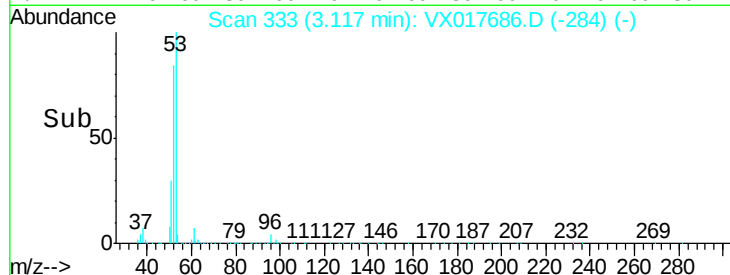
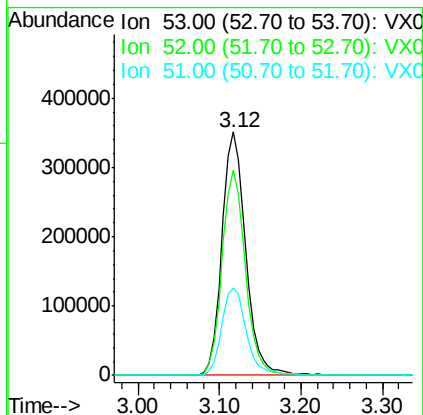
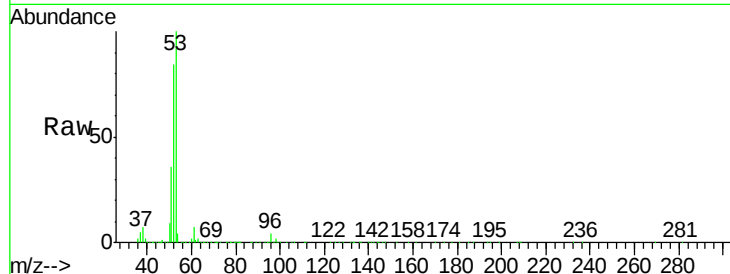
ClientSampleId :

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

Manual Integrations
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#16

Acetone

Concen: 227.299 ug/l

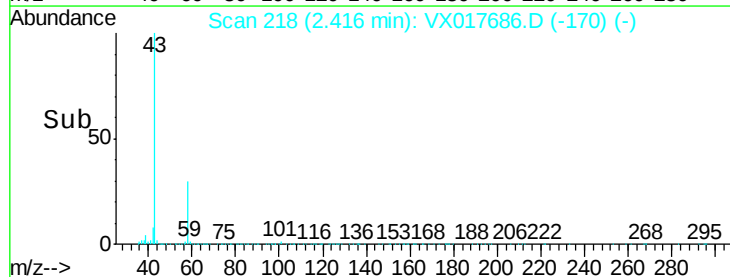
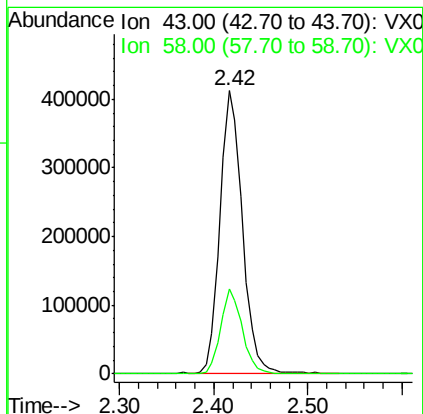
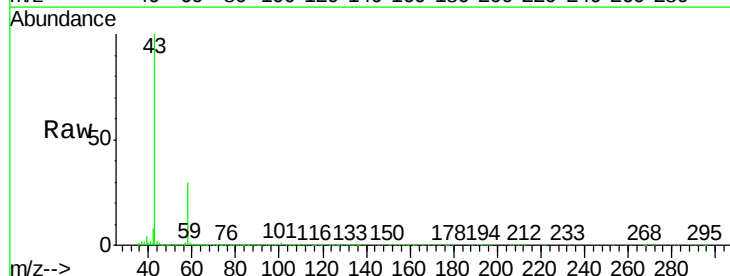
RT: 2.42 min Scan# 218

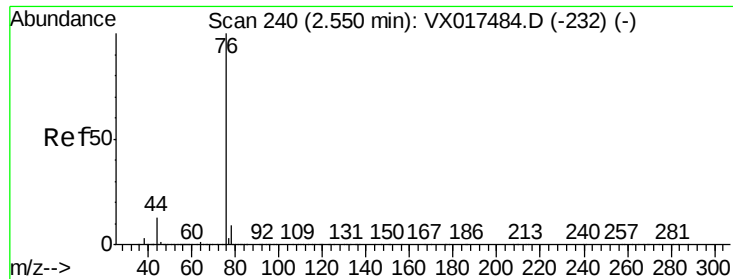
Delta R.T. -0.01 min

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





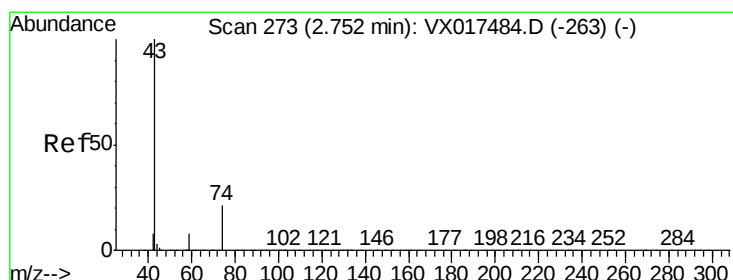
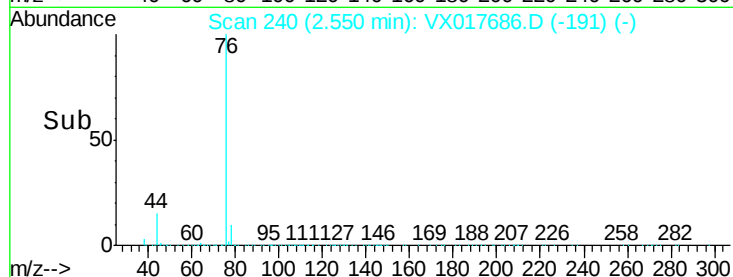
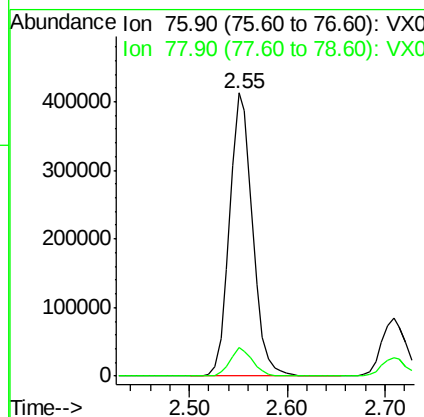
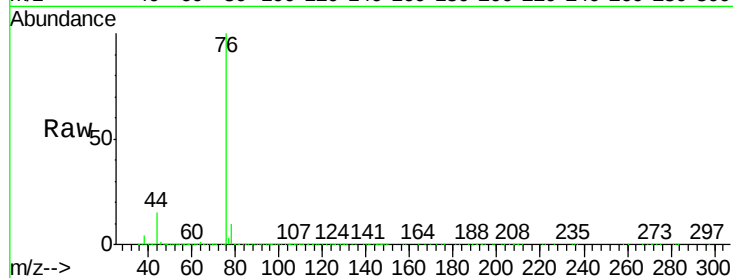
#17
Carbon Disulfide
Concen: 40.025 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.5	11.3

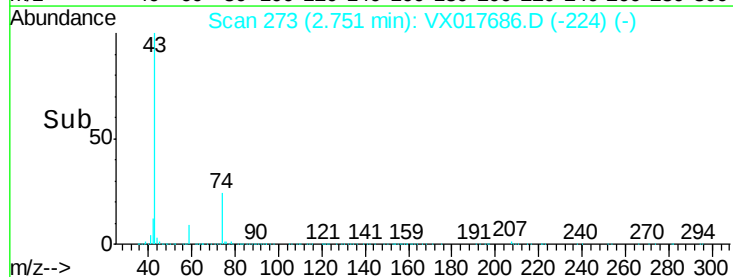
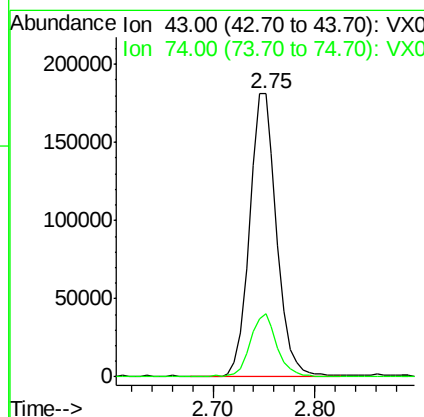
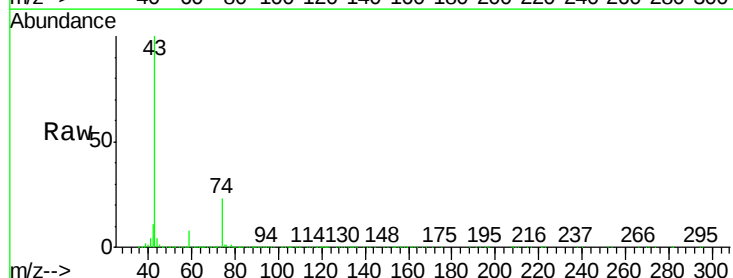
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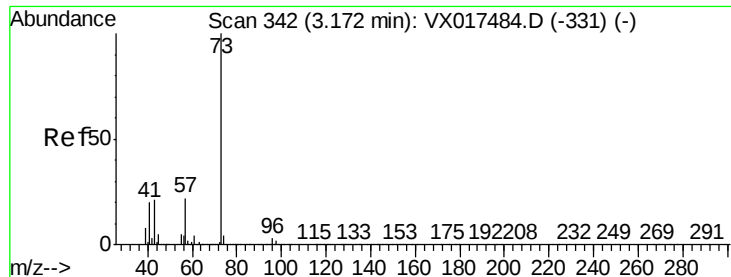
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#18
Methyl Acetate
Concen: 46.840 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	17.5	26.3





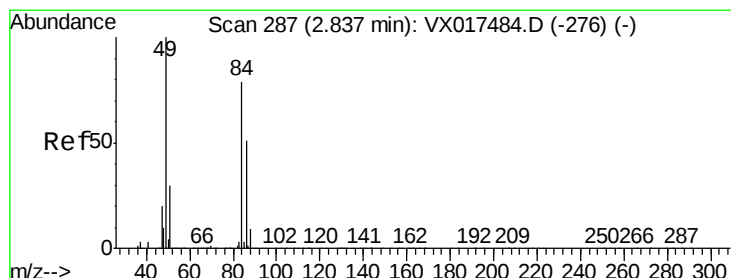
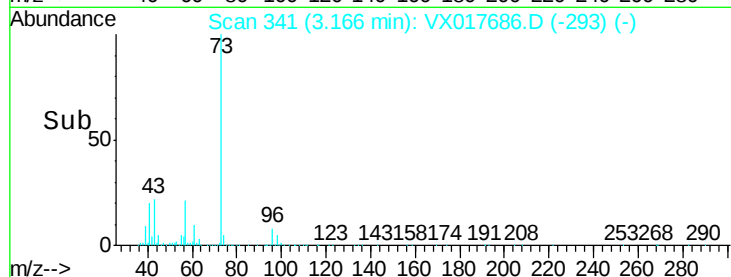
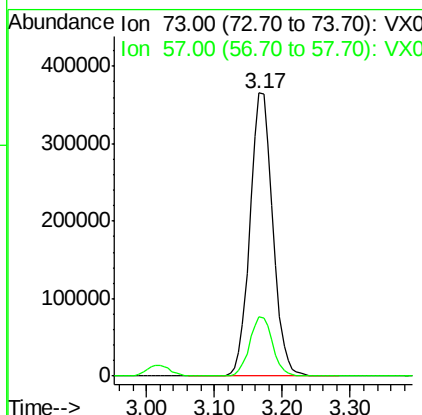
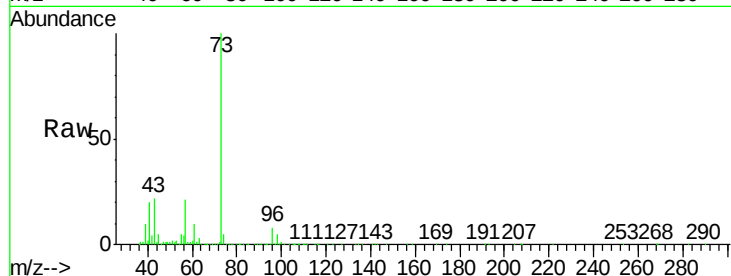
#19
Methvl tert-butvl Ether
Concen: 44.756 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.0	25.4

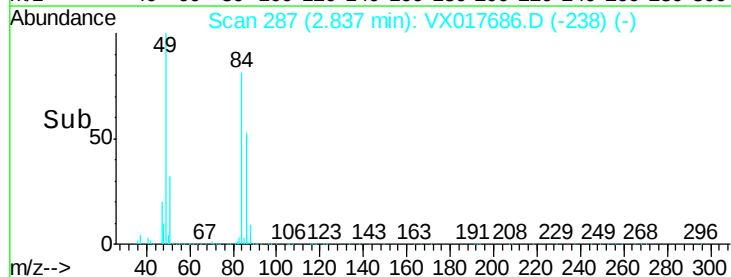
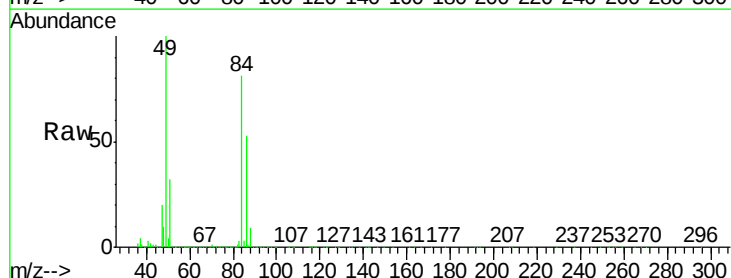
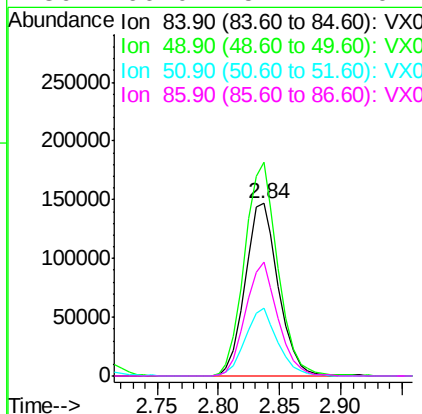
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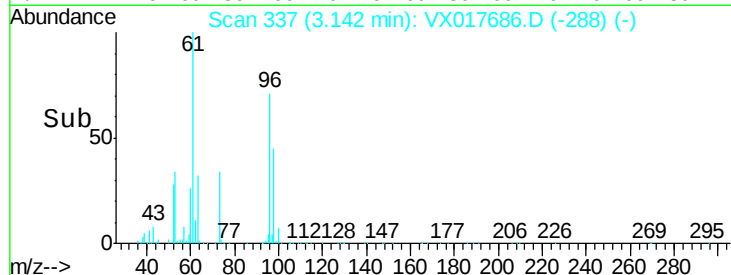
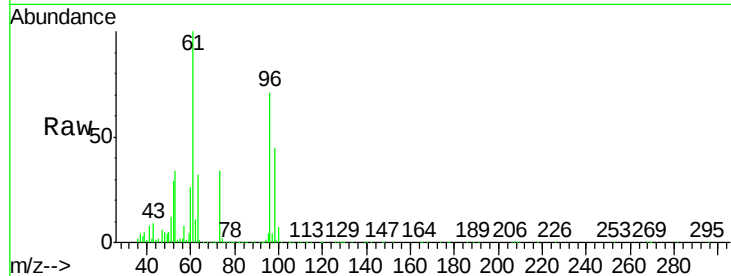
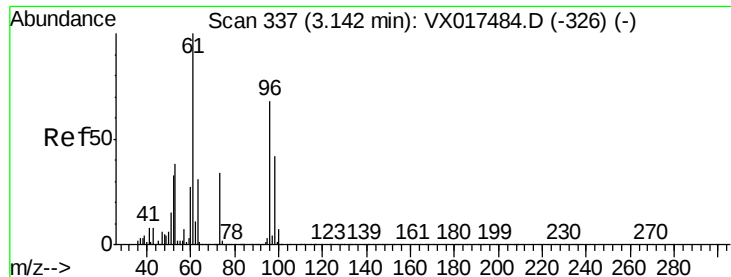
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#20
Methylene Chloride
Concen: 48.805 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion	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

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

Instrument :

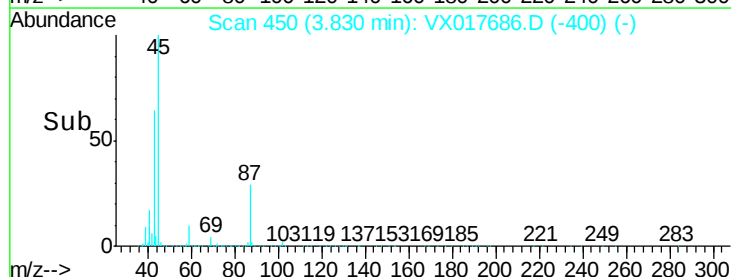
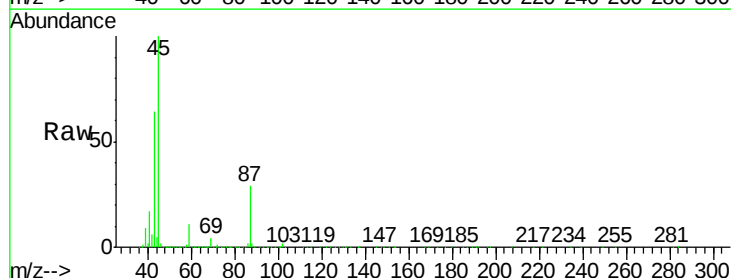
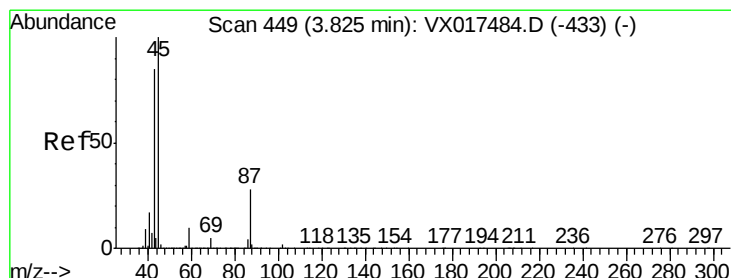
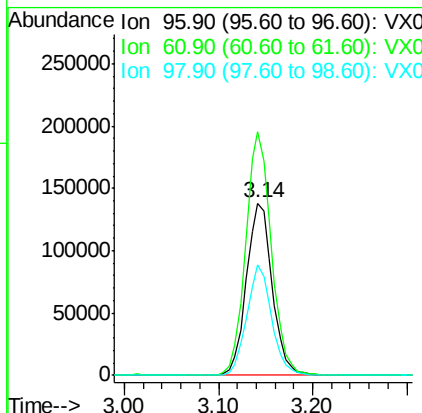
MSVOA_X

ClientSampled :

PK-10DMSD

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#22

Diisopropyl ether

Concen: 45.999 ug/l

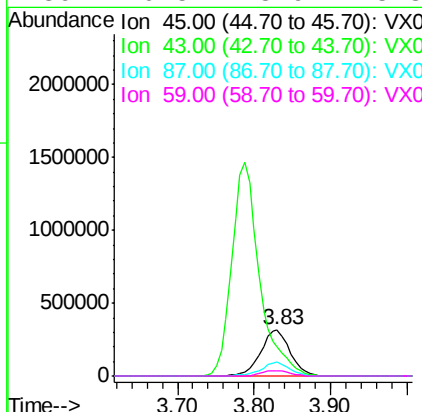
RT: 3.83 min Scan# 450

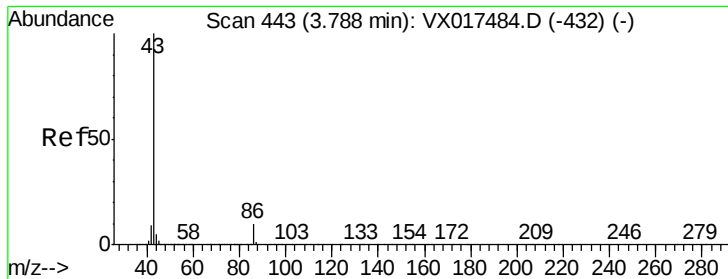
Delta R.T. 0.01 min

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





#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

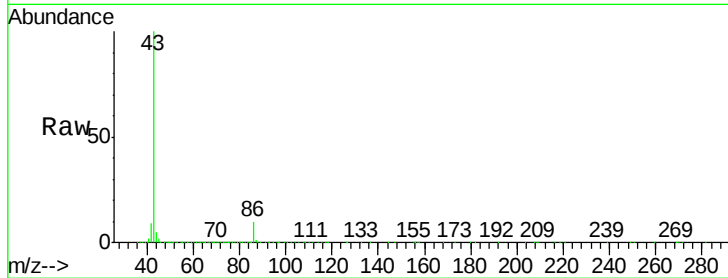
86 10.3 8.2 12.4

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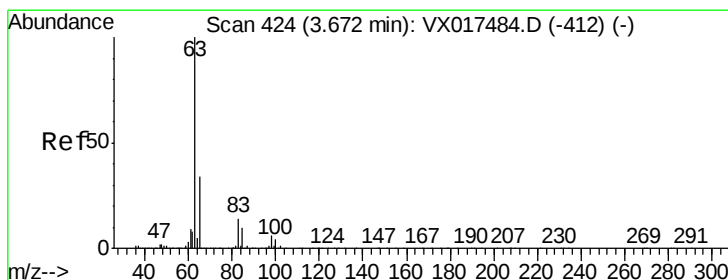
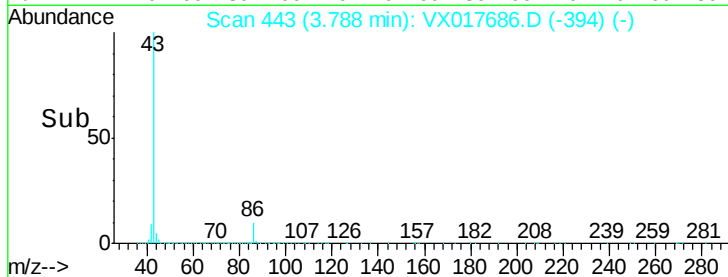
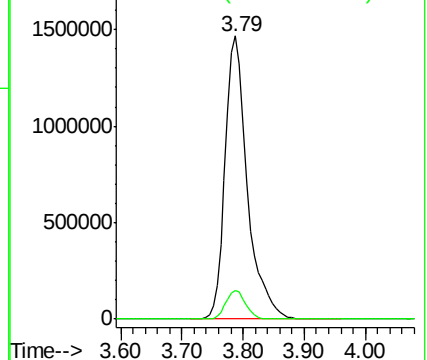
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Abundance Ion 43.00 (42.70 to 43.70): VX0

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

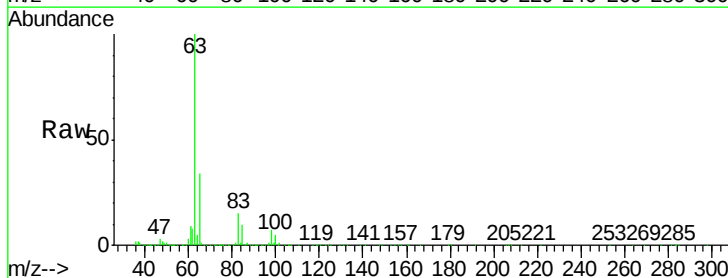
Tgt Ion: 63 Resp: 474581

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

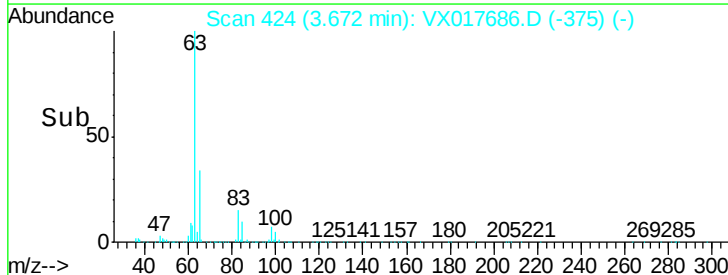
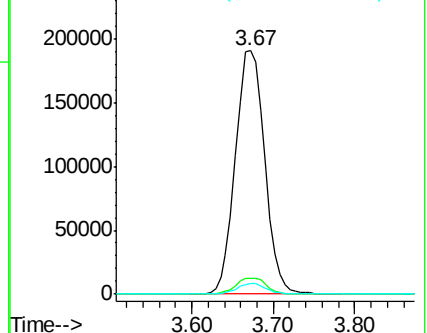
100 4.5 1.9 5.7

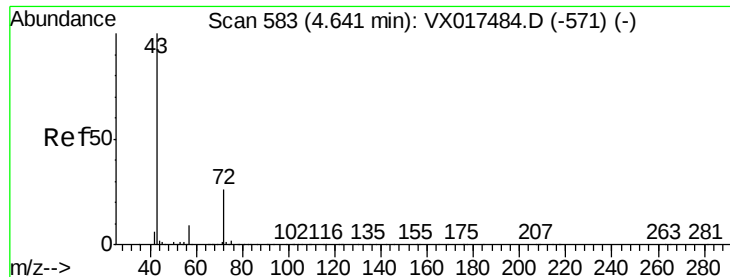


Abundance Ion 62.90 (62.60 to 63.60): VX0

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

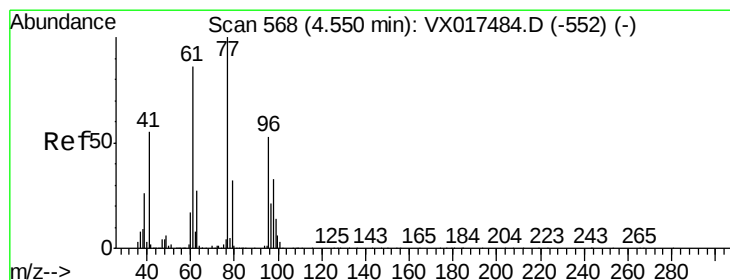
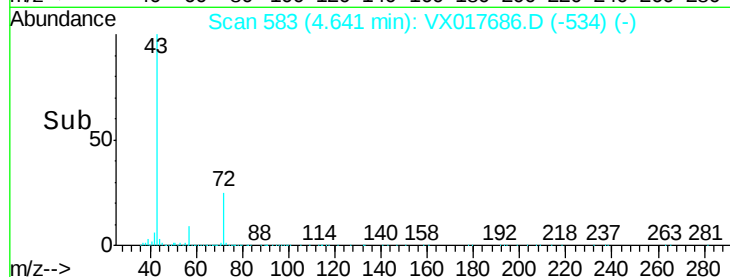
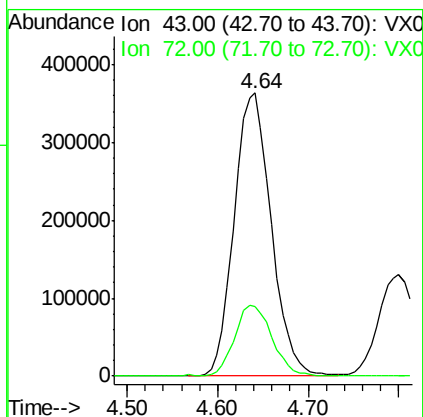
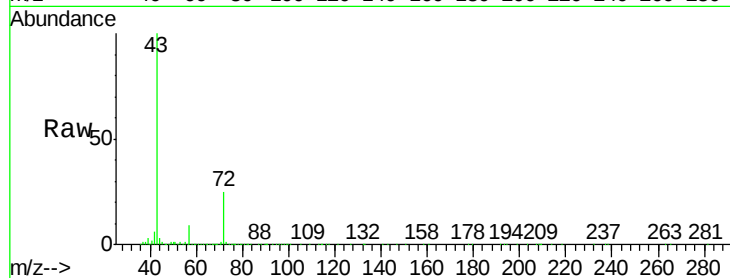
72 24.5 19.0 28.4

Manual Integrations

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#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

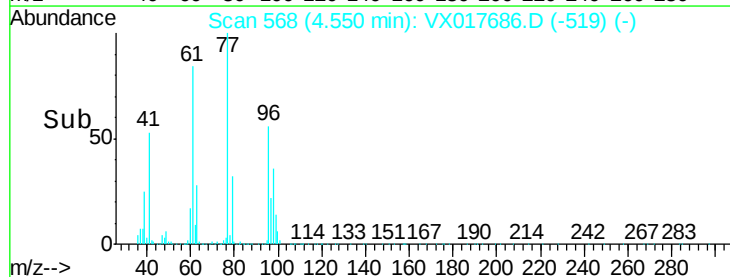
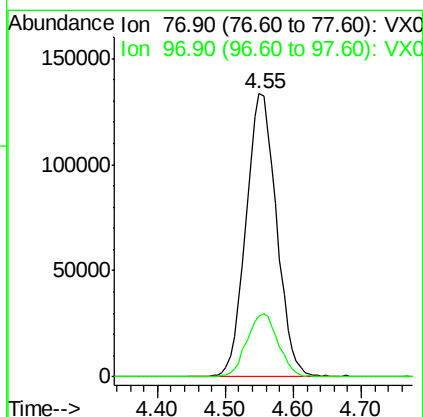
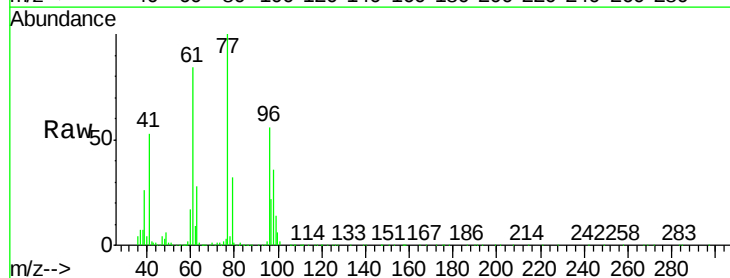
Acq: 30 Jul 2020 17:05

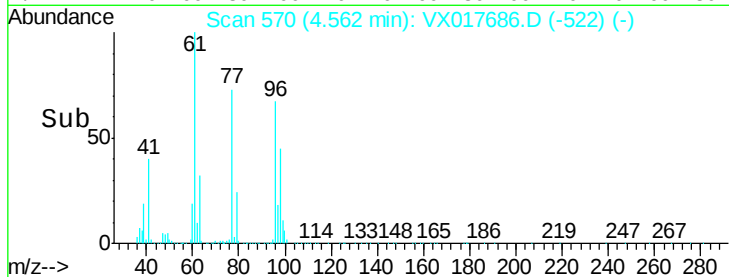
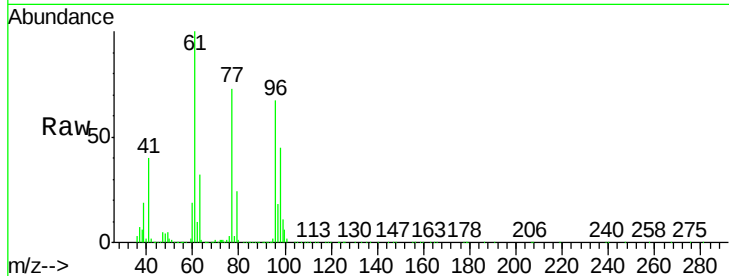
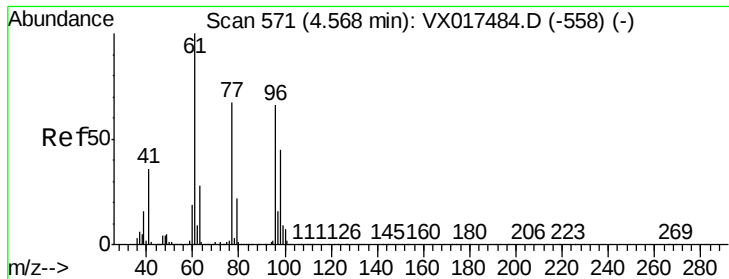
Tgt Ion: 77 Resp: 417298

Ion Ratio Lower Upper

77 100

97 23.0 10.9 32.9





#27

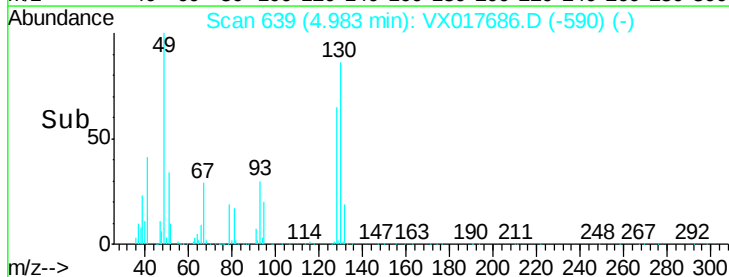
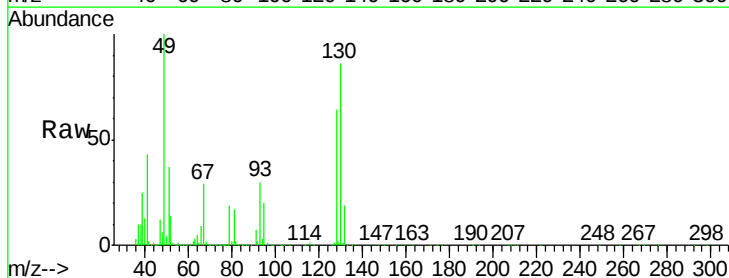
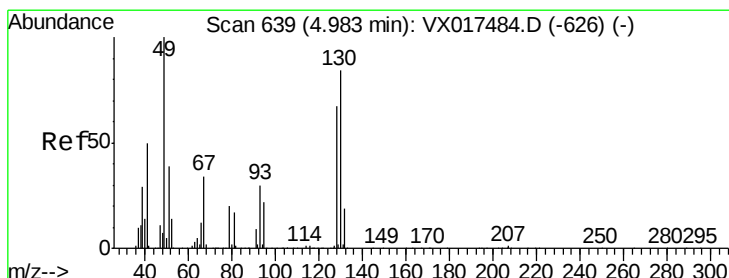
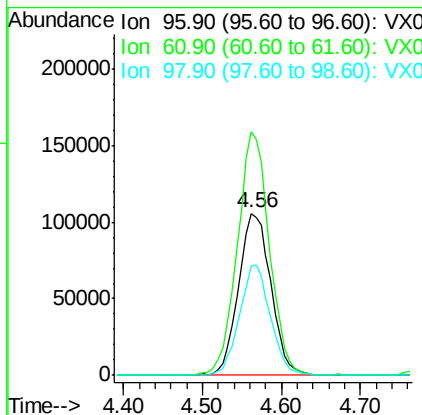
cis-1,2-Dichloroethene
Concen: 46.945 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

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

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Manual Integrations
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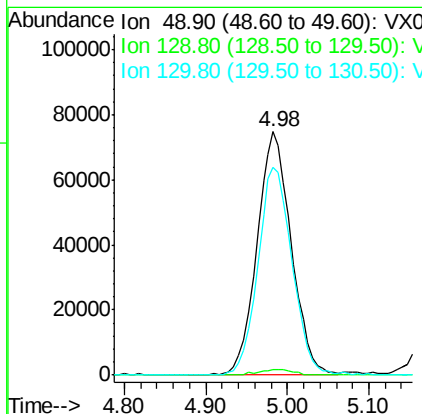
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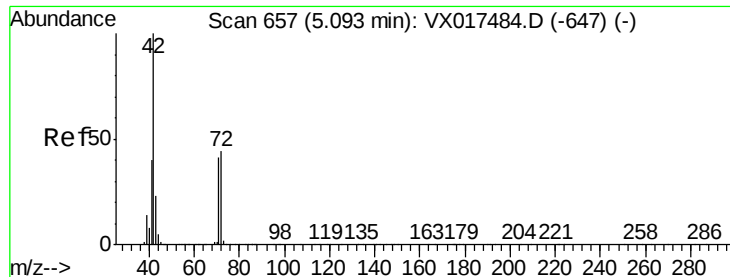


#28

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	Ratio	Resp	Lower	Upper
49	100	217083		
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

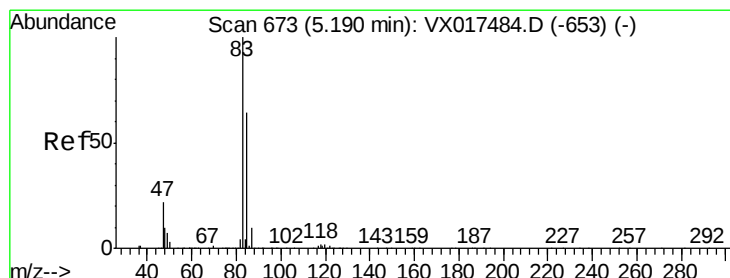
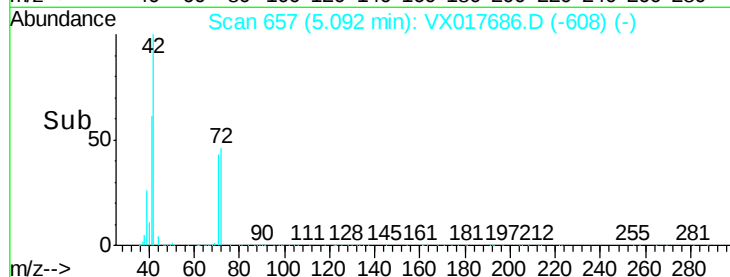
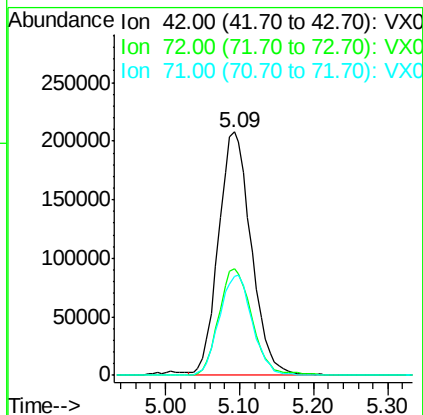
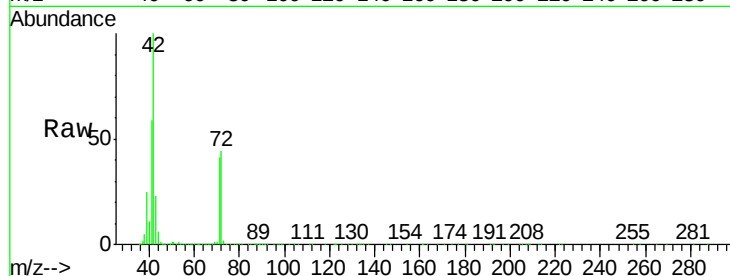
ClientSampleId :

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

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#30

Chloroform

Concen: 54.991 ug/l

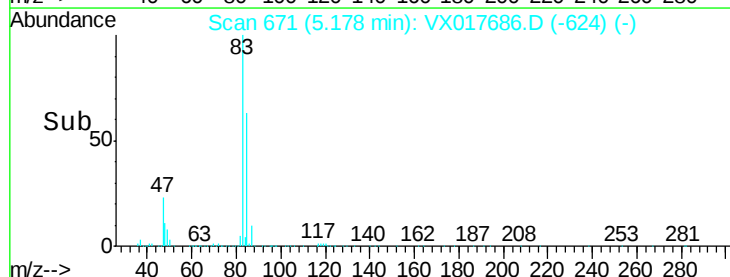
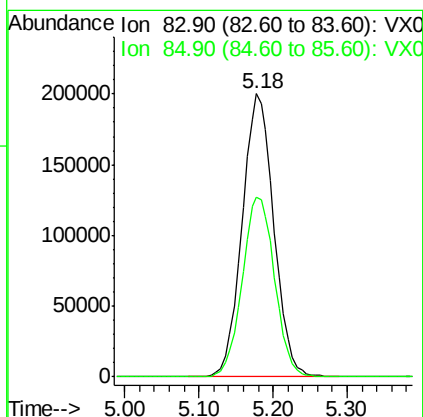
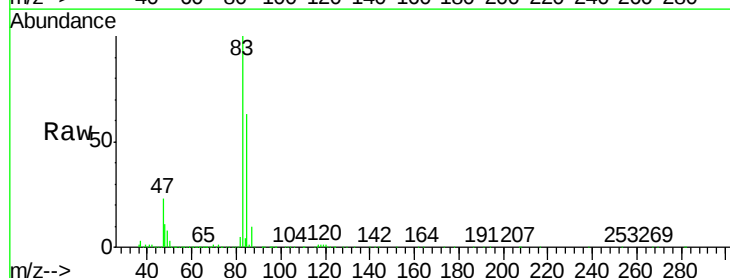
RT: 5.18 min Scan# 671

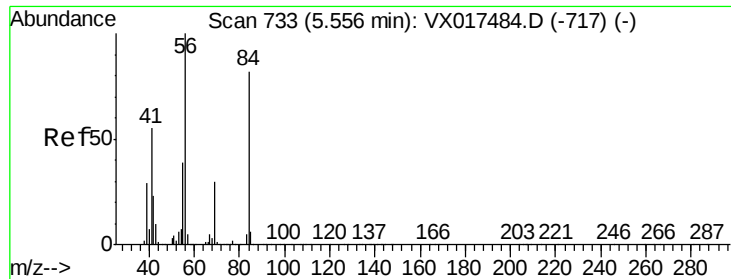
Delta R.T. -0.01 min

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





#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

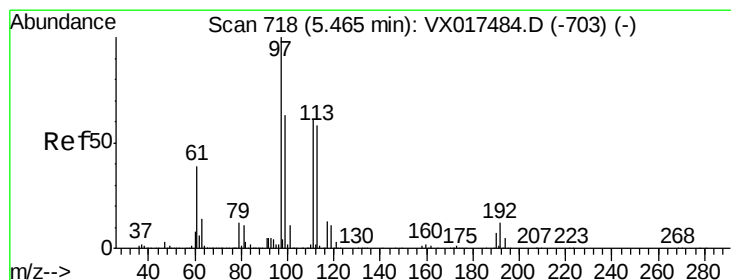
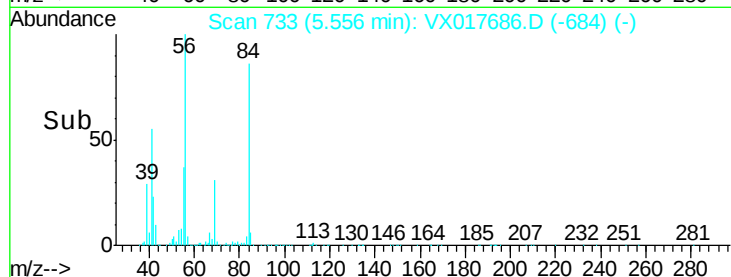
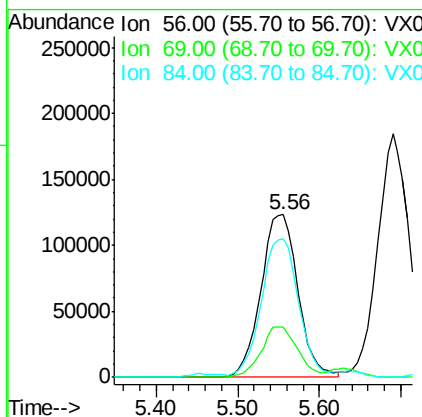
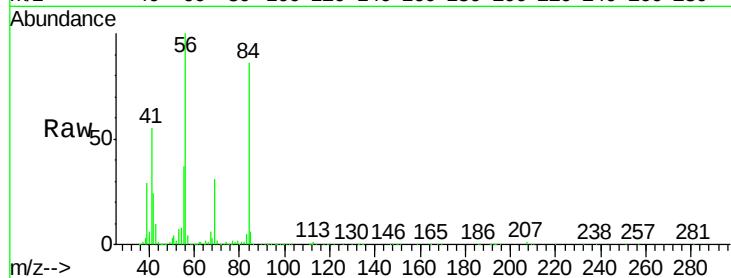
ClientSampleId :

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

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#32

1,1,1-Trichloroethane

Concen: 47.621 ug/l

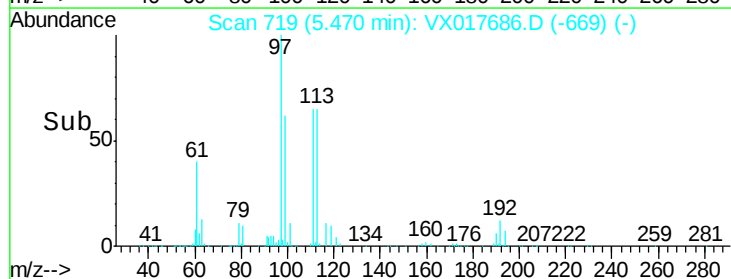
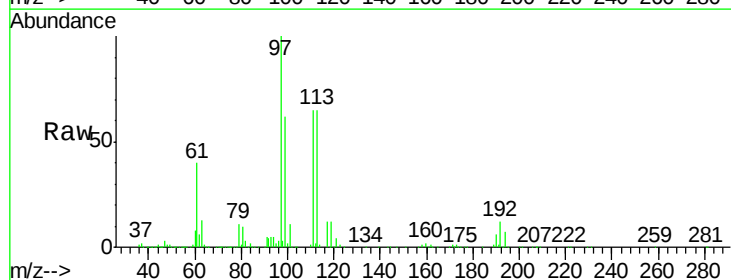
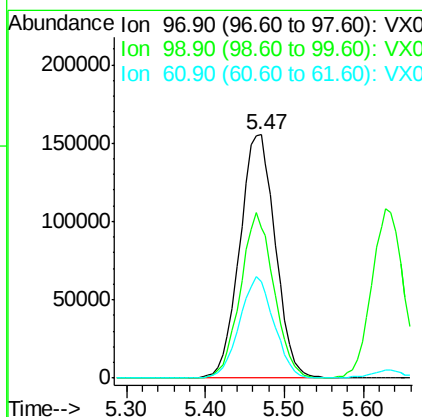
RT: 5.47 min Scan# 719

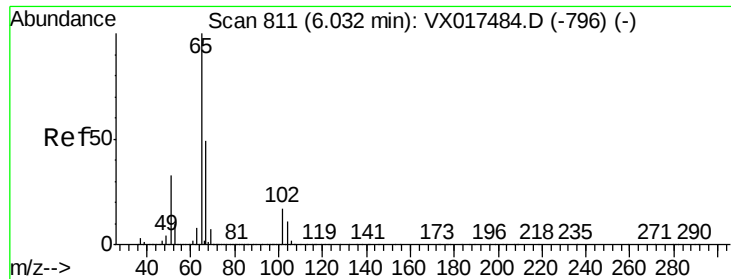
Delta R.T. 0.01 min

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





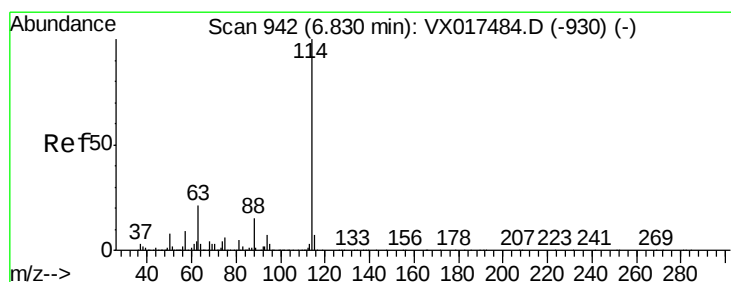
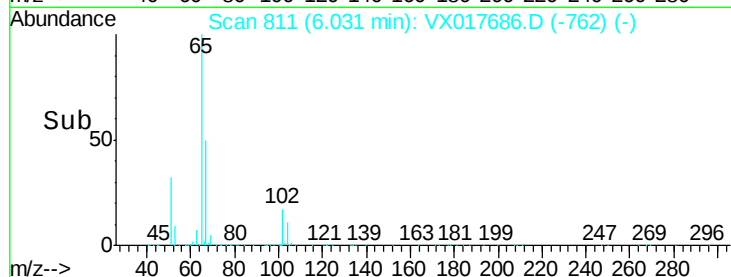
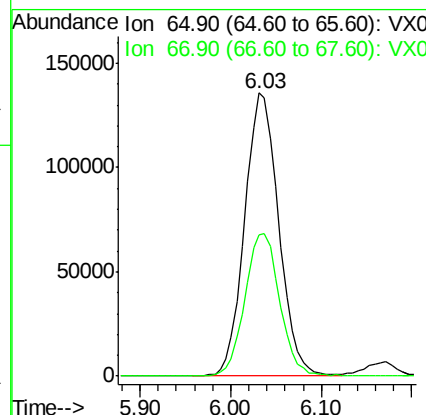
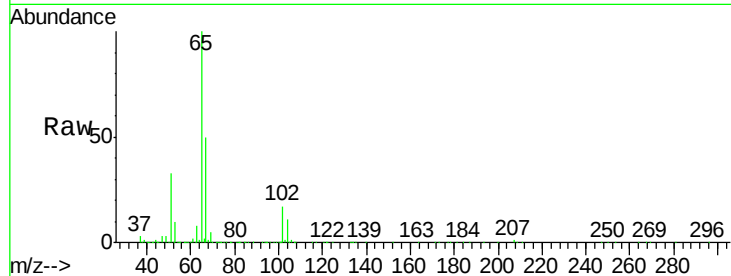
#33
 1,2-Dichloroethane-d4
 Concen: 51.455 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.8

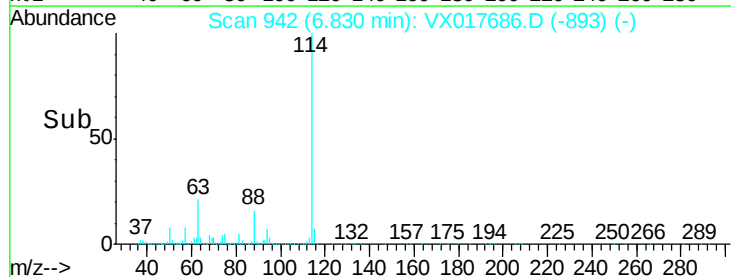
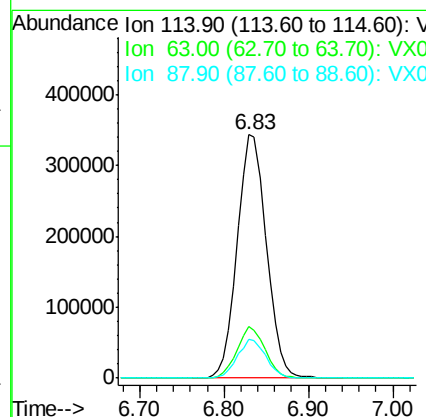
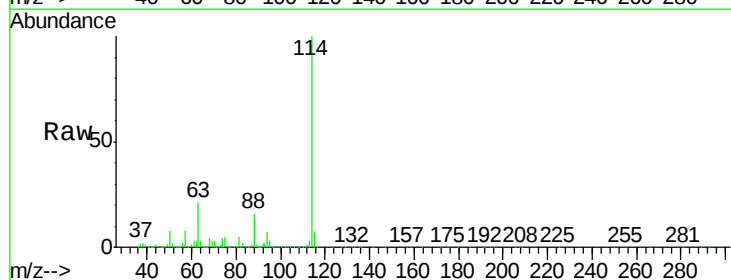
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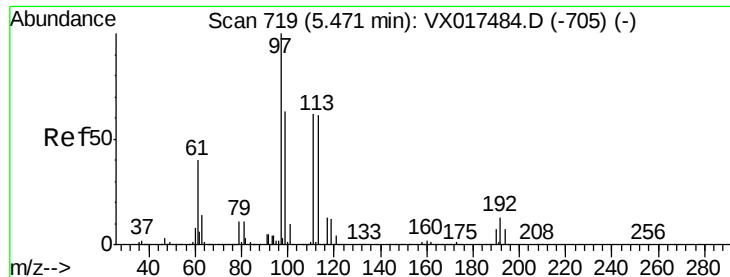
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 7/31/2020 11:58:04 AM



#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	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.6
88	16.0	0.0	33.4





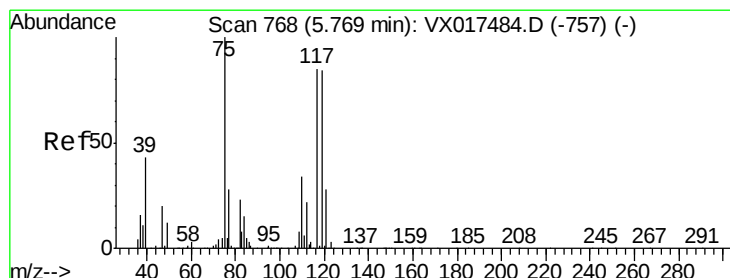
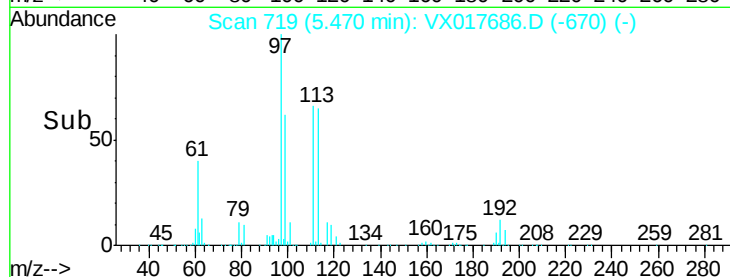
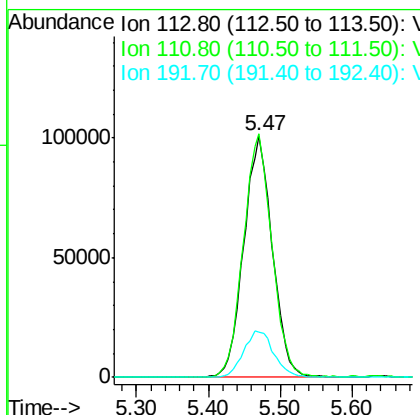
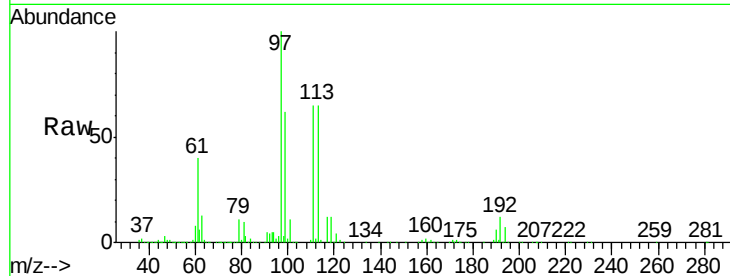
#35
Dibromofluoromethane
Concen: 51.683 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampled :
PK-10DMSD

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

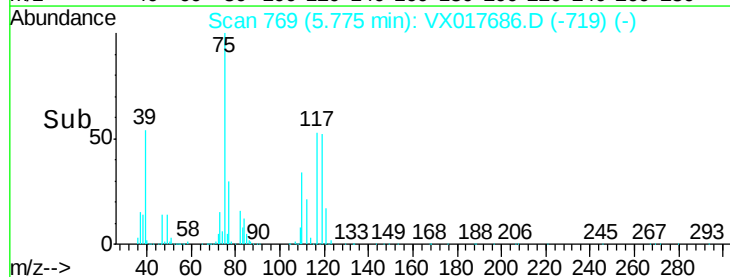
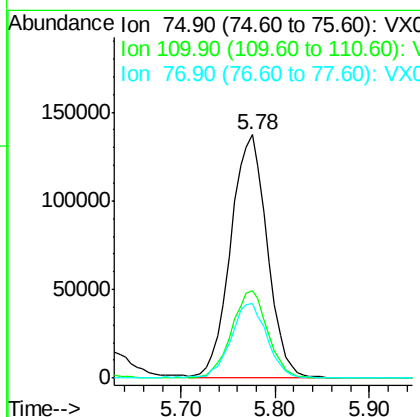
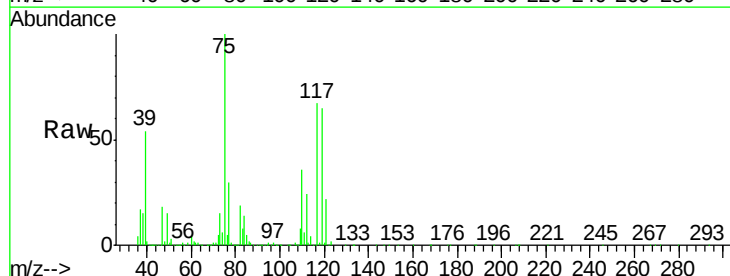
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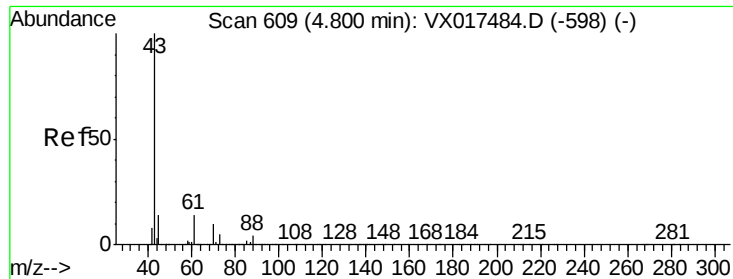
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#36
1,1-Dichloropropene
Concen: 47.855 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

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





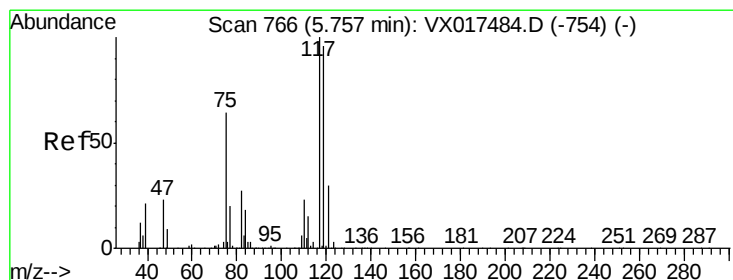
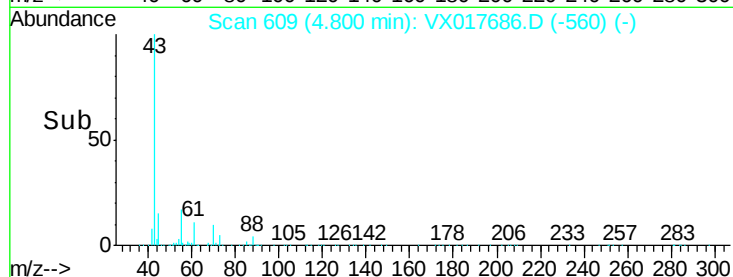
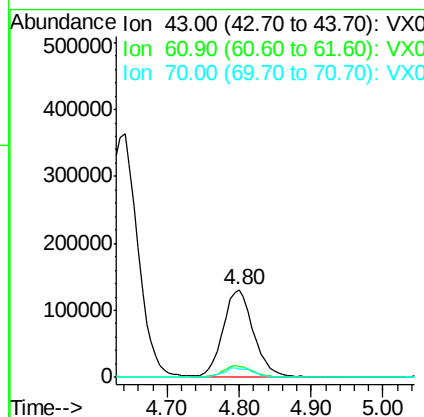
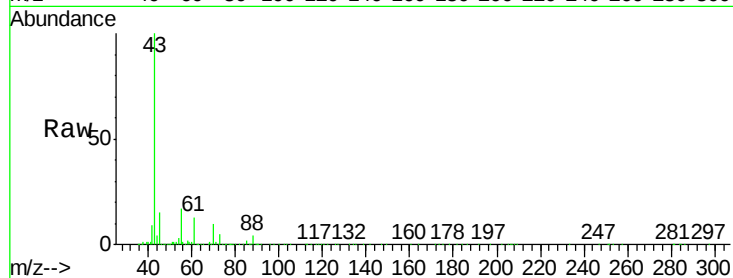
#37
Ethyl Acetate
Concen: 45.418 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

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

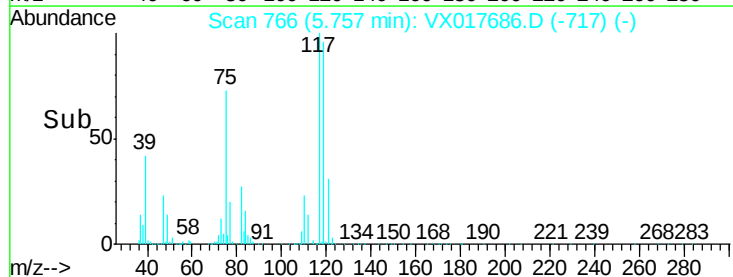
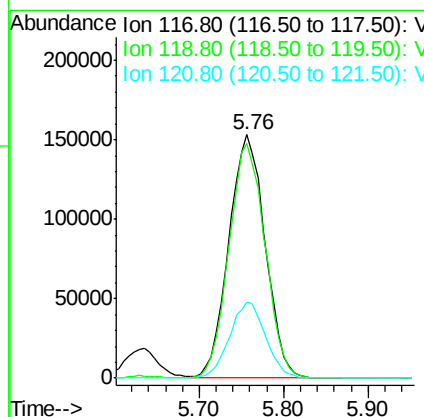
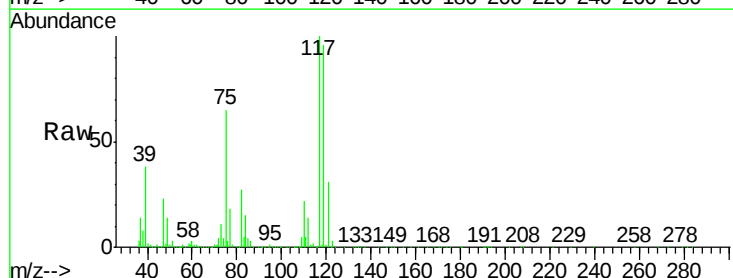
Manual Integrations
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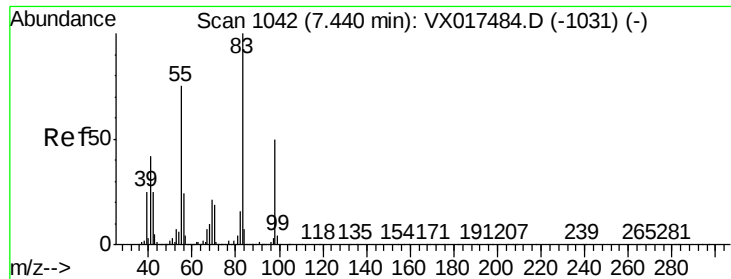
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#38
Carbon Tetrachloride
Concen: 47.758 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

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





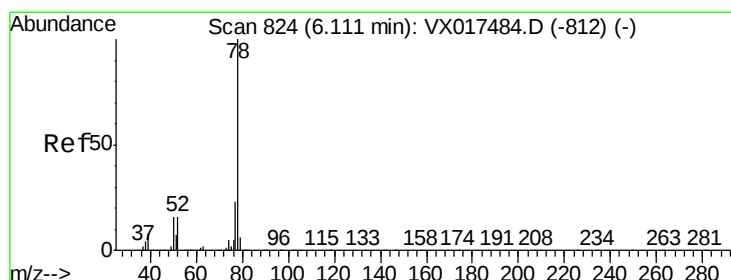
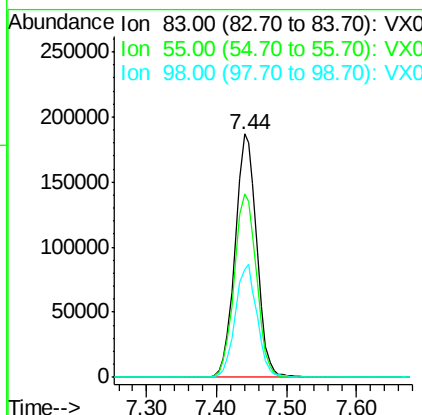
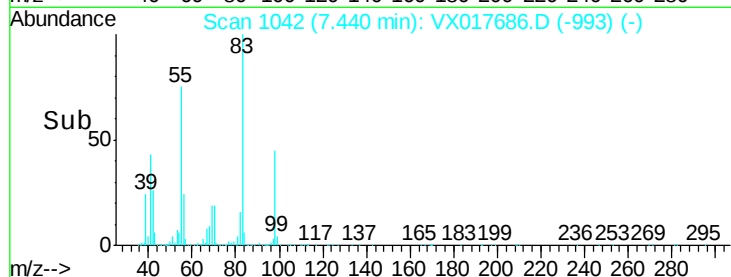
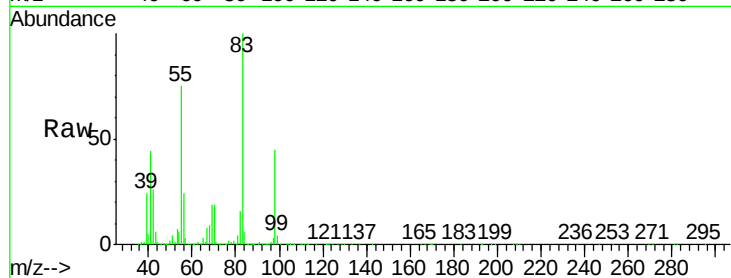
#39
Methvlcvclohexane
Concen: 44.636 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

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

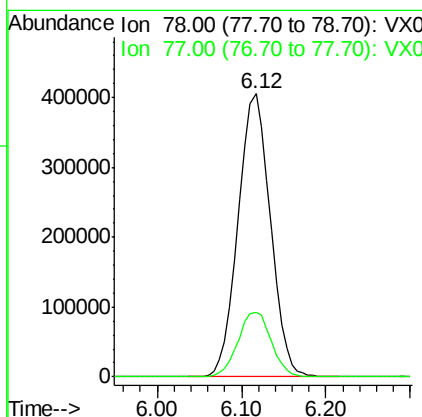
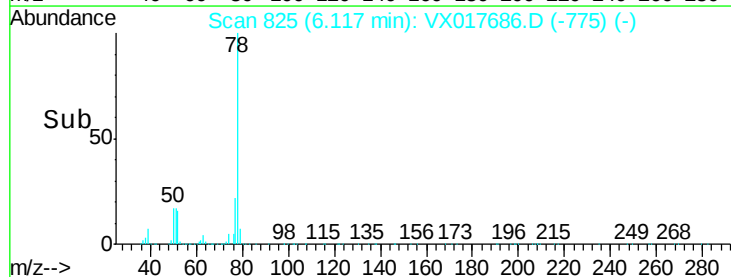
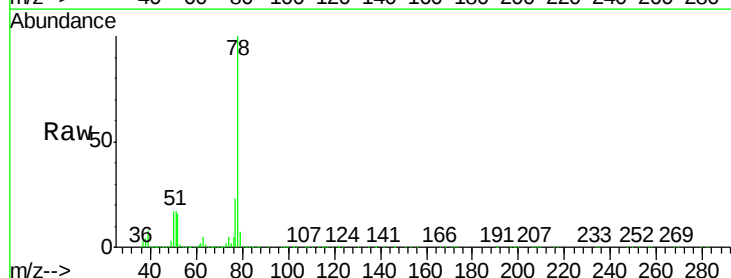
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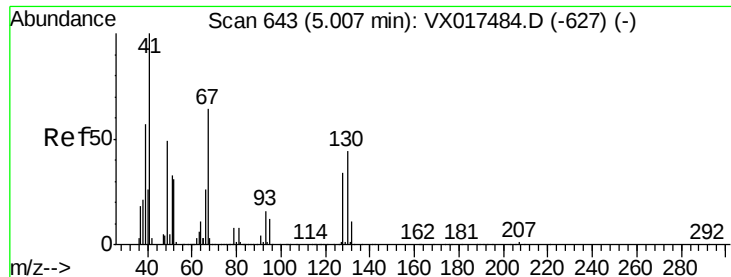
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#40
Benzene
Concen: 47.506 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

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

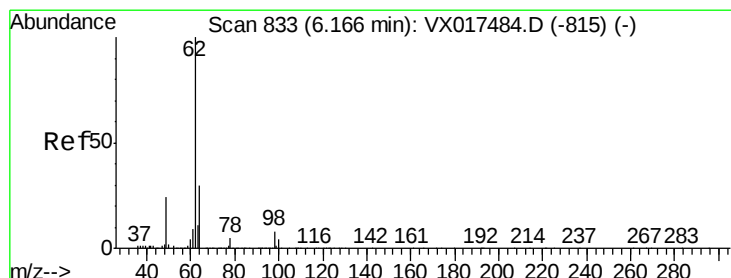
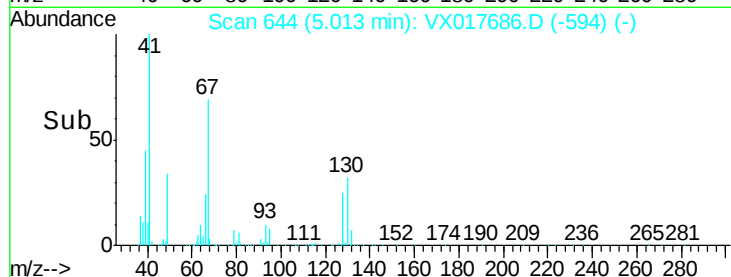
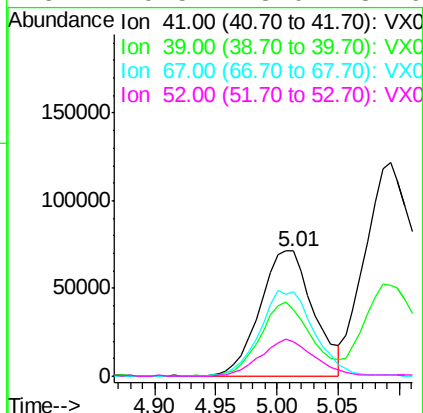
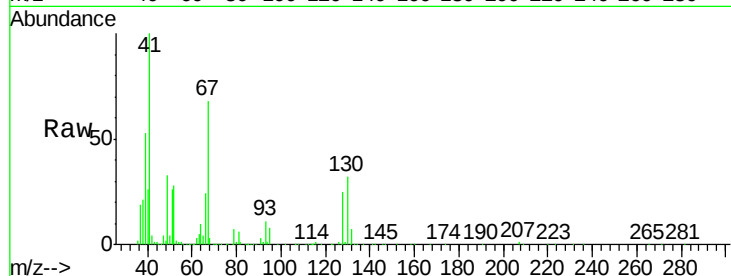
Acq: 30 Jul 2020 17:05

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

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 47.727 ug/l

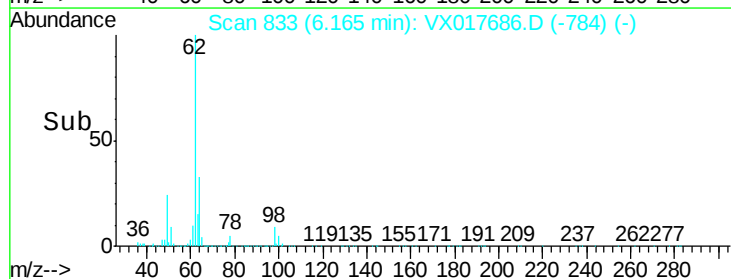
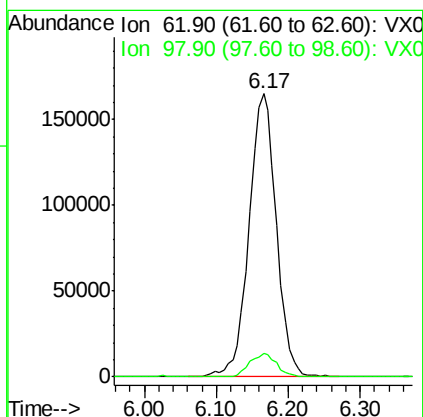
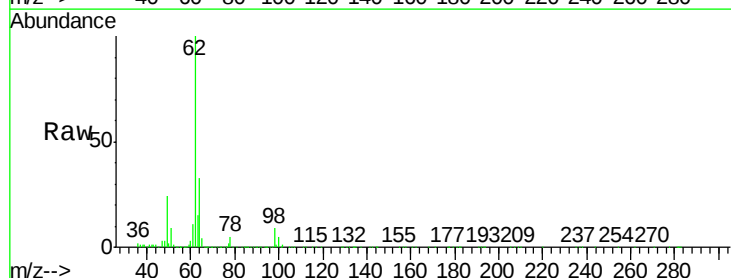
RT: 6.17 min Scan# 833

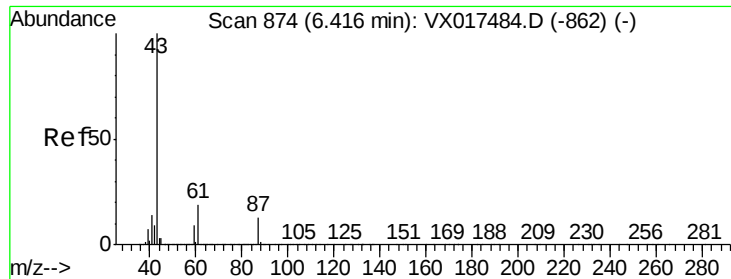
Delta R.T. -0.00 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

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





#43

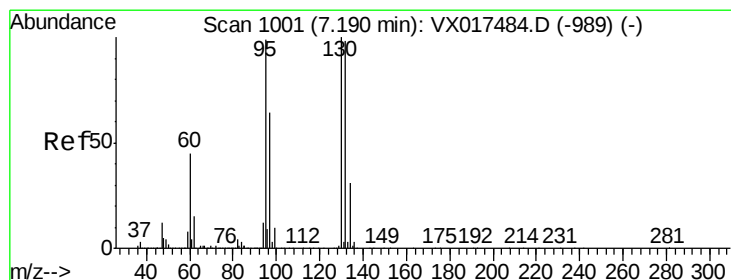
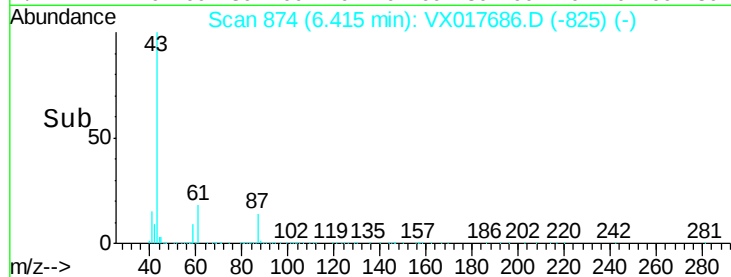
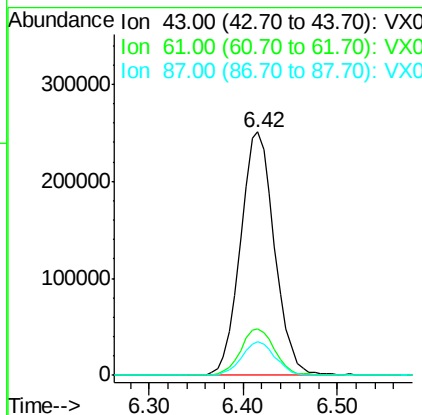
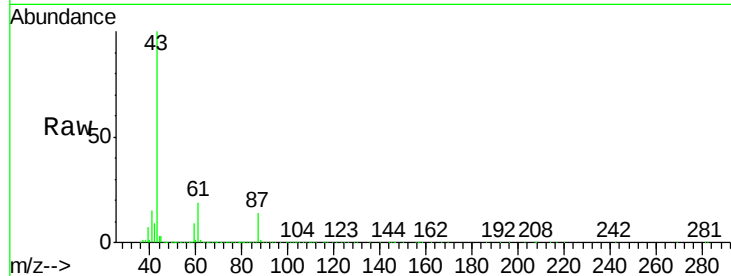
Isopropyl Acetate
 Concen: 45.288 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

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

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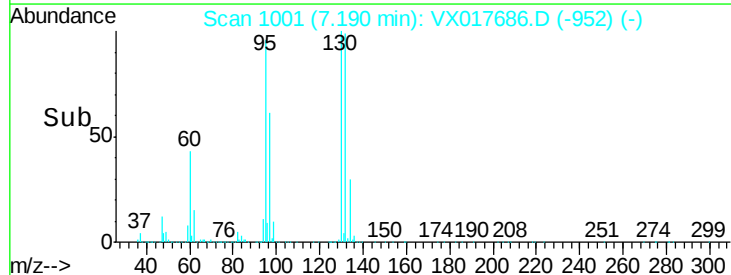
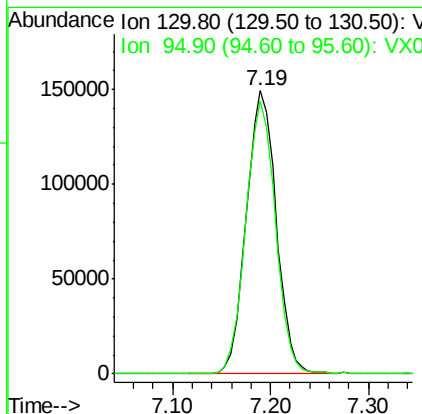
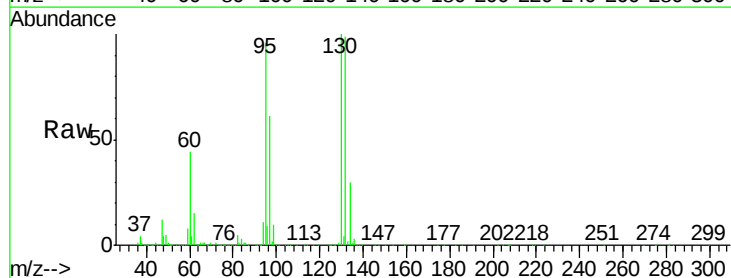
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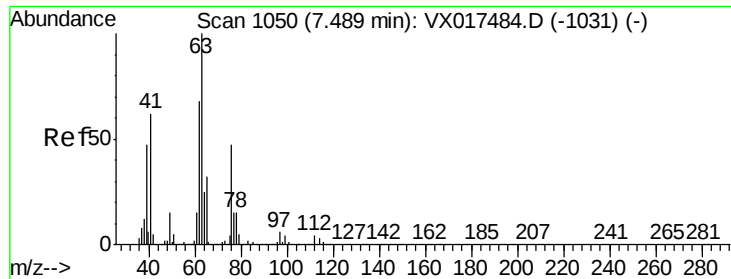


#44

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	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

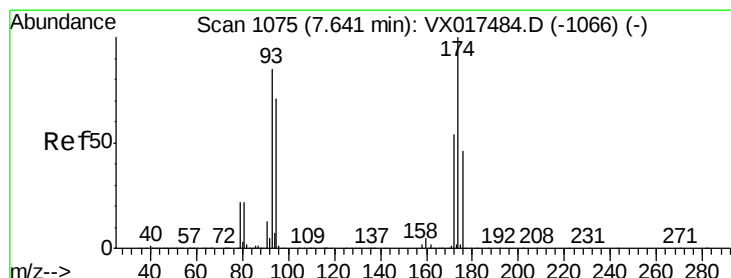
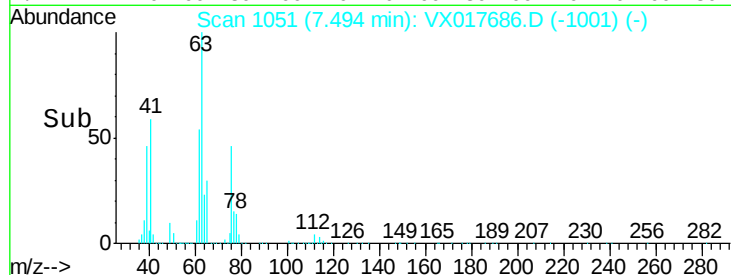
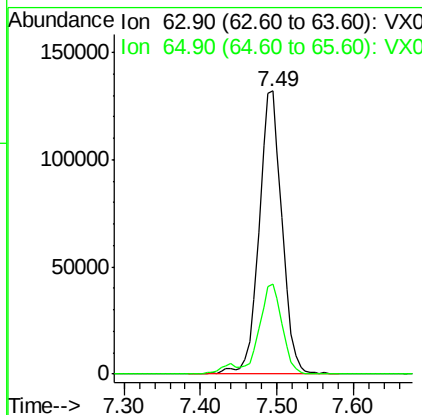
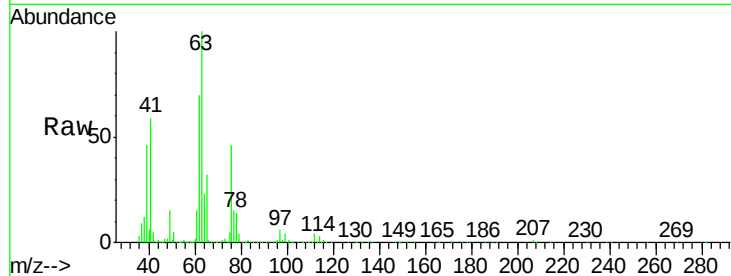
65 31.5 24.5 36.7

Manual Integrations

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#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

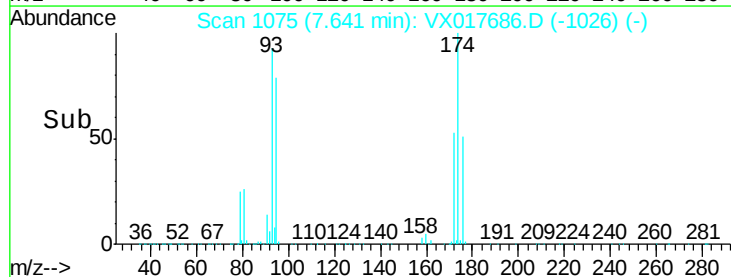
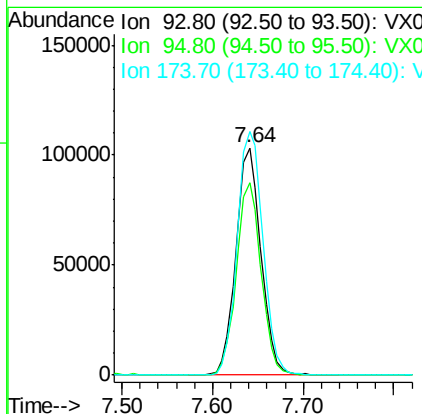
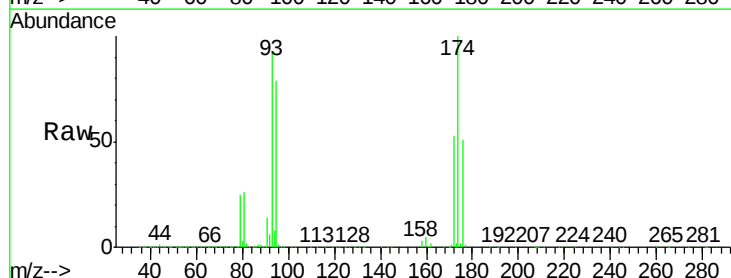
Tgt Ion: 93 Resp: 198414

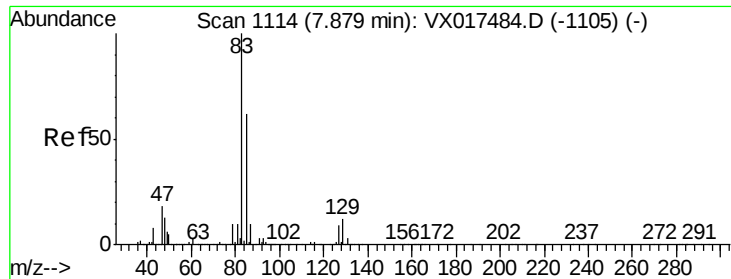
Ion Ratio Lower Upper

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

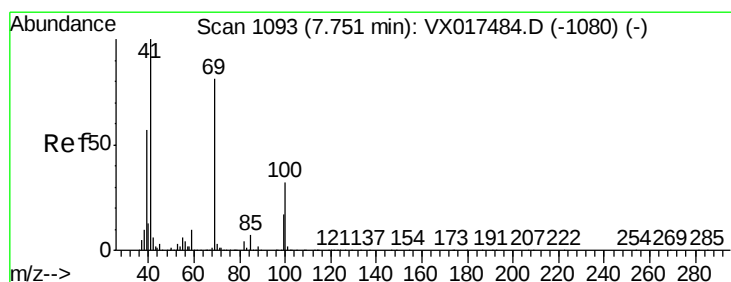
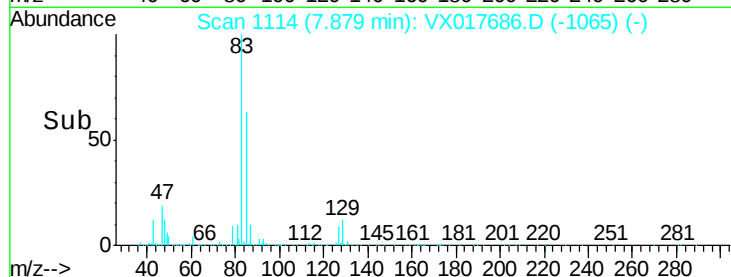
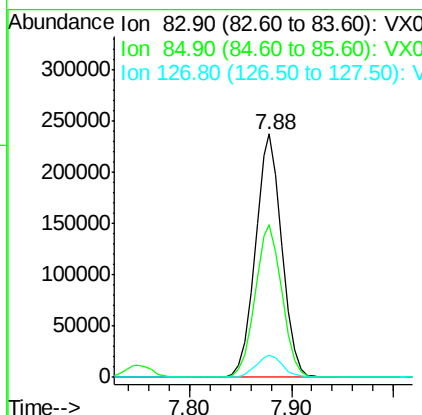
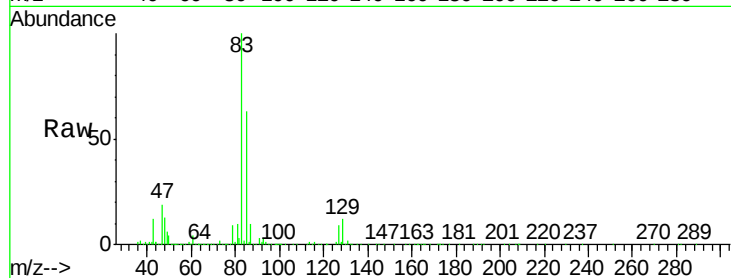
ClientSampleId :

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

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.410 ug/l

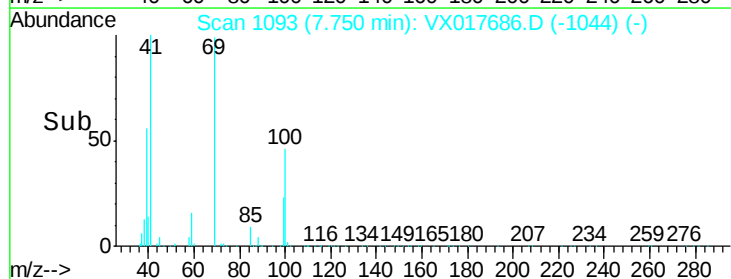
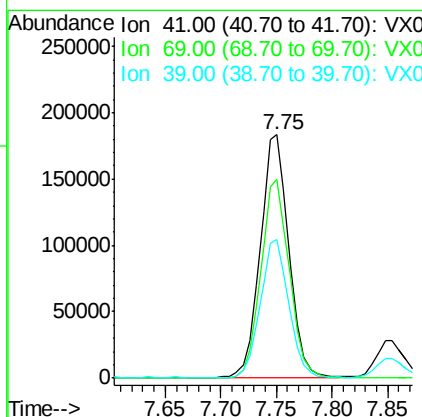
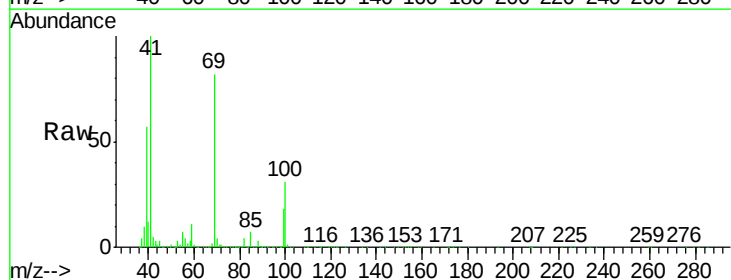
RT: 7.75 min Scan# 1093

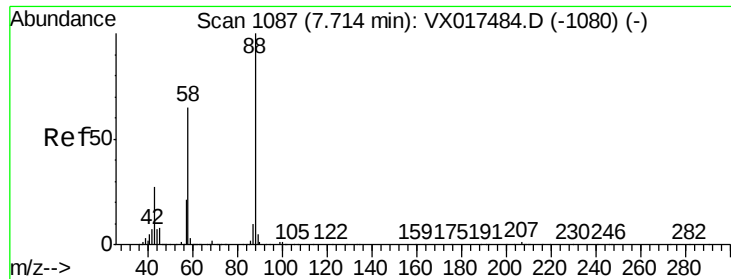
Delta R.T. -0.00 min

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





#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

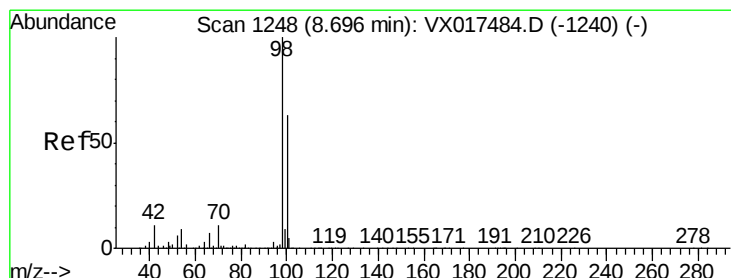
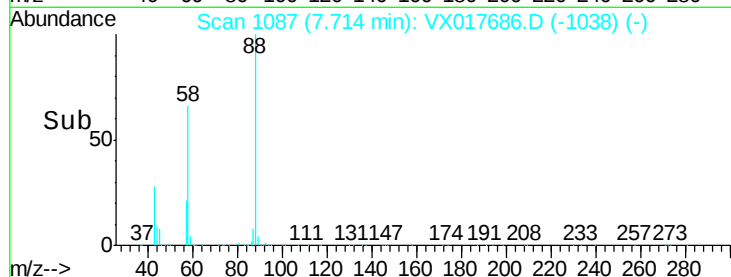
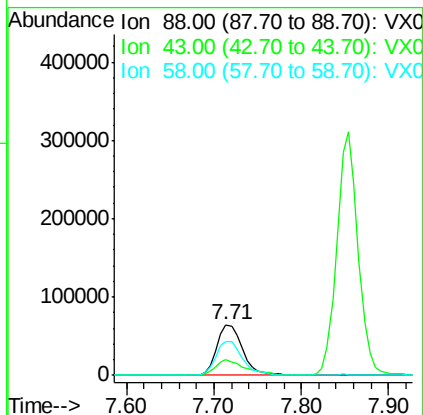
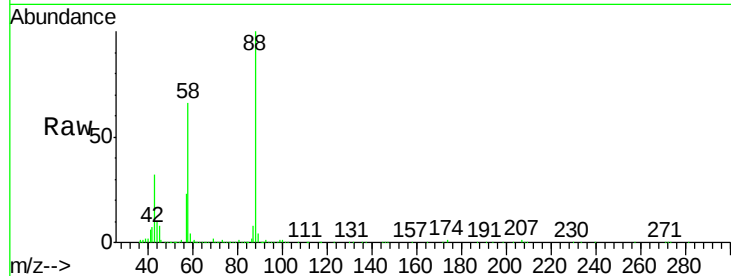
ClientSampleId :

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

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#50

Toluene-d8

Concen: 50.779 ug/l

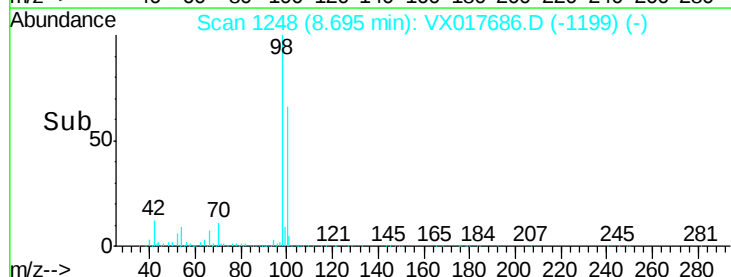
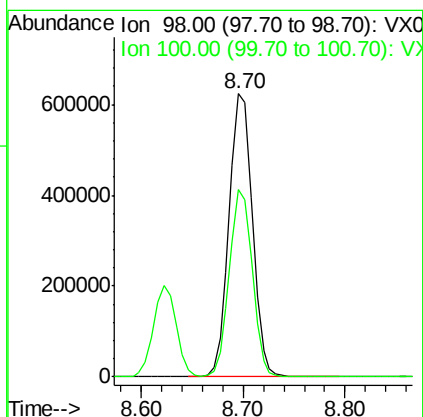
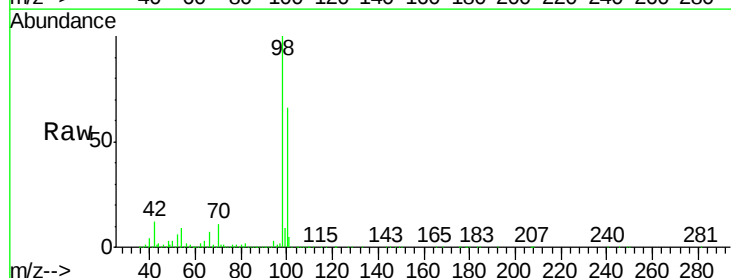
RT: 8.70 min Scan# 1248

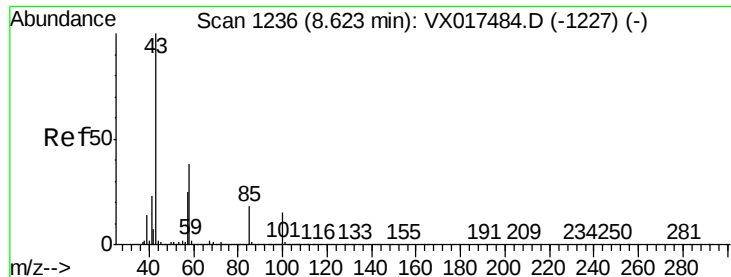
Delta R.T. -0.00 min

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





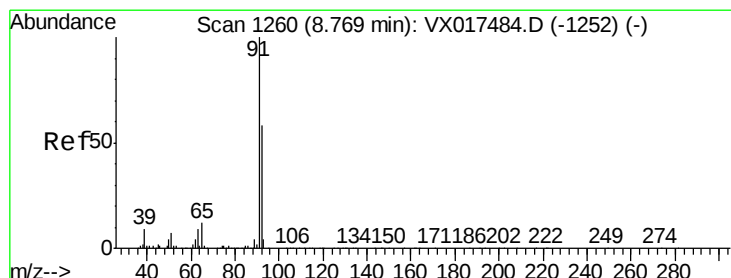
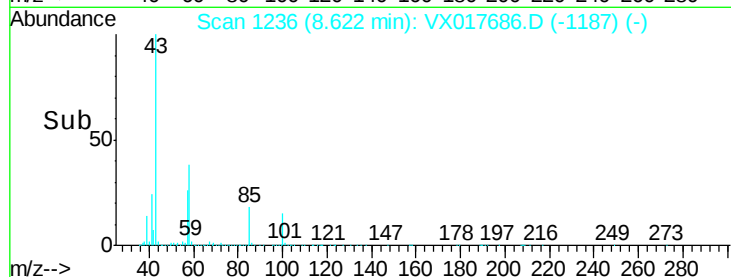
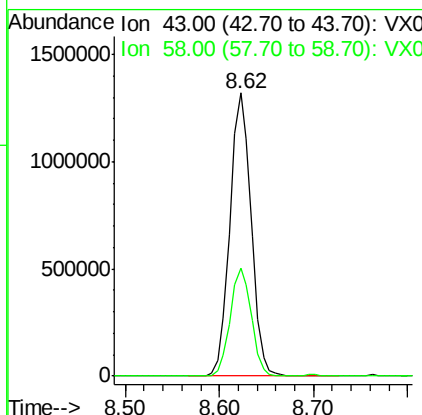
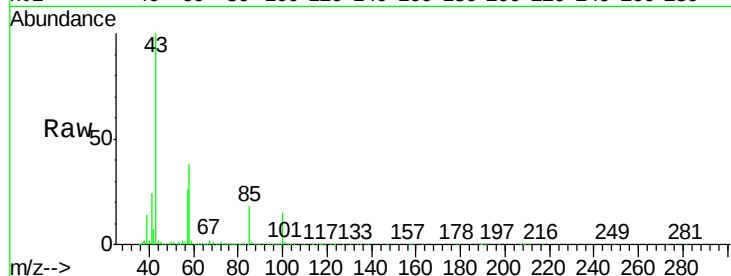
#51
4-Methyl-2-Pentanone
Concen: 248.531 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

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

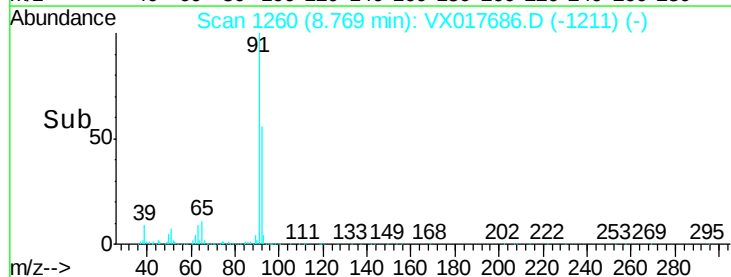
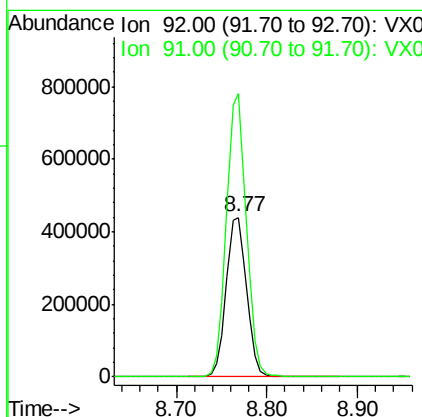
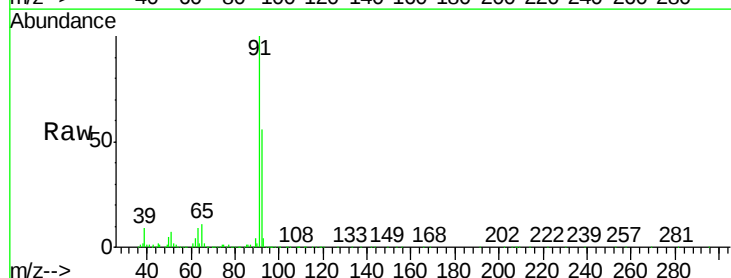
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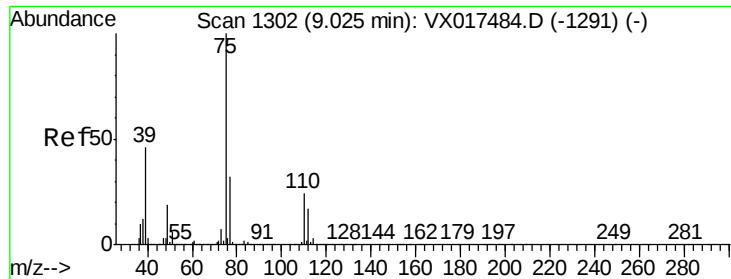
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#52
Toluene
Concen: 48.416 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

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





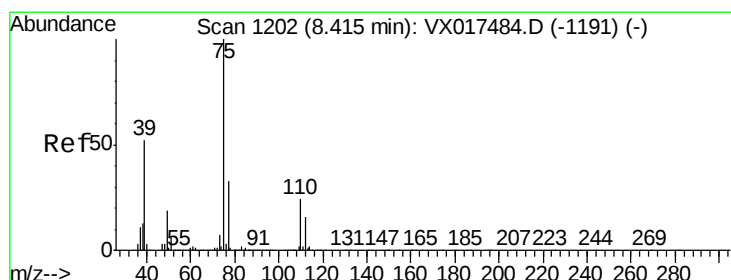
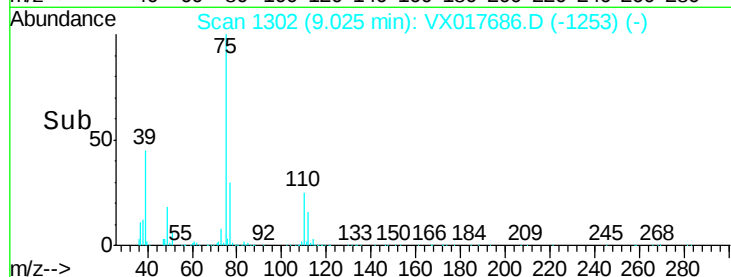
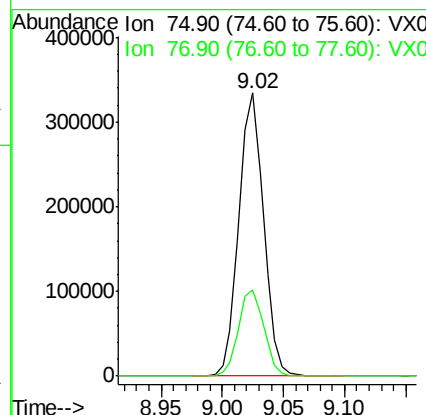
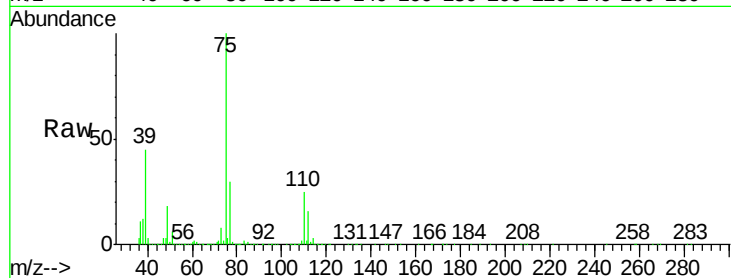
#53
t-1,3-Dichloropropene
Concen: 47.892 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.5	38.3

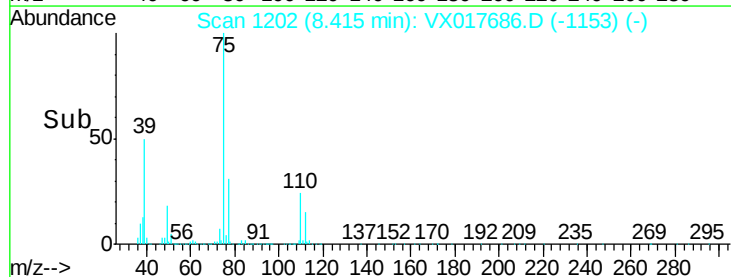
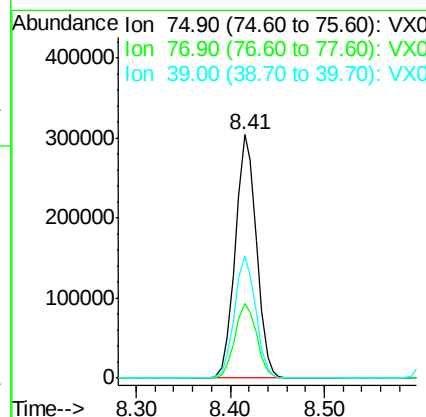
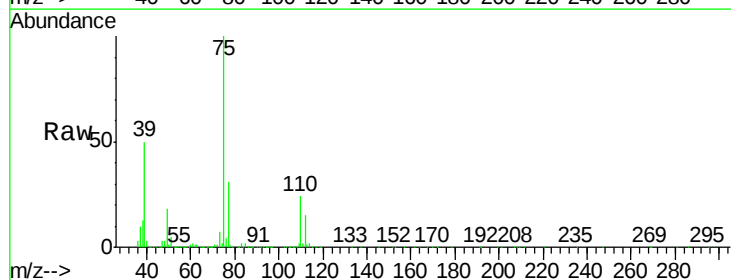
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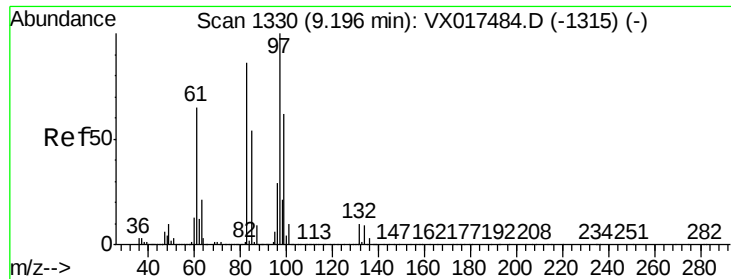
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#54
cis-1,3-Dichloropropene
Concen: 47.583 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

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





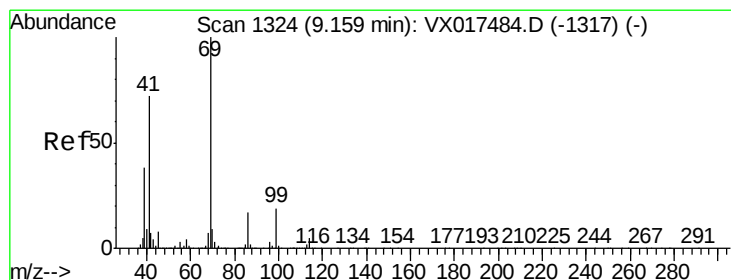
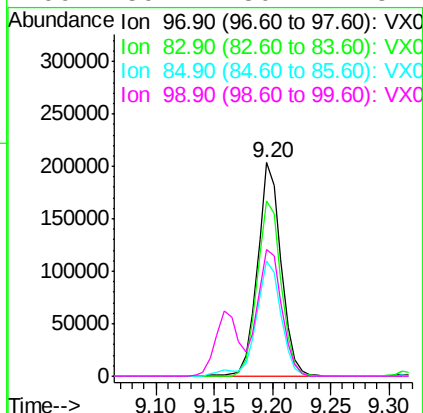
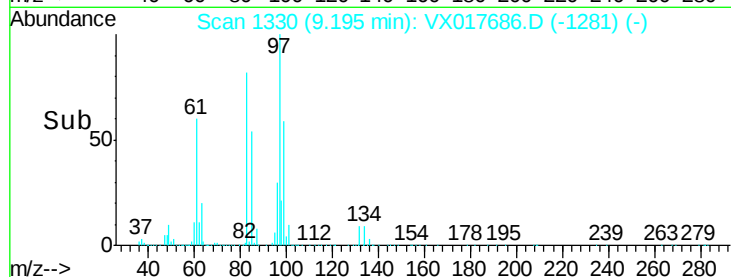
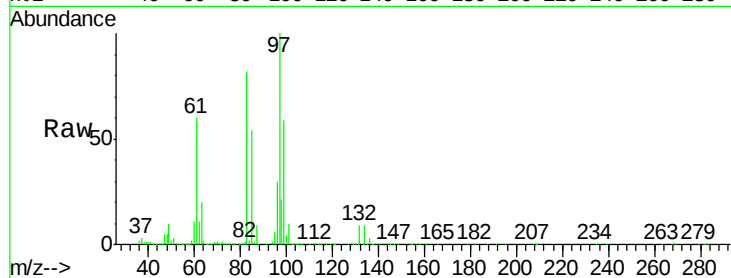
#55
 1,1,2-Trichloroethane
 Concen: 48.582 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

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

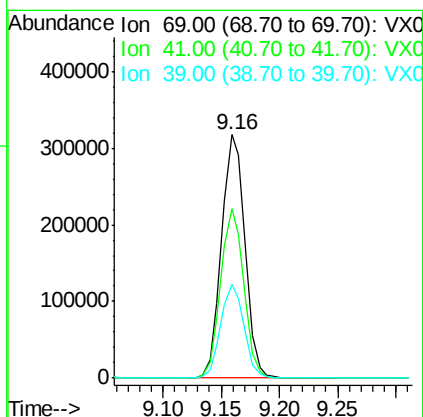
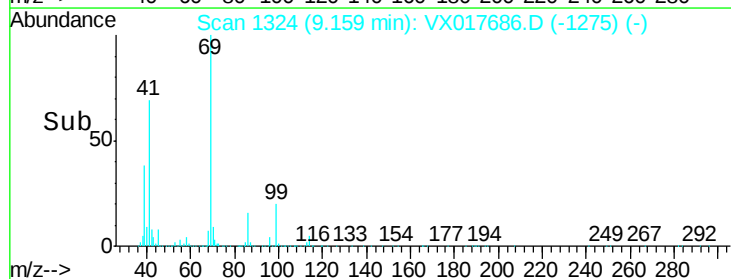
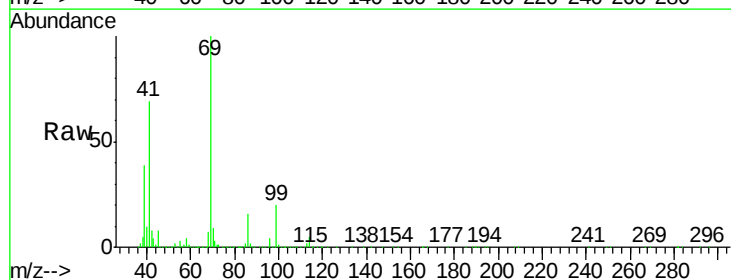
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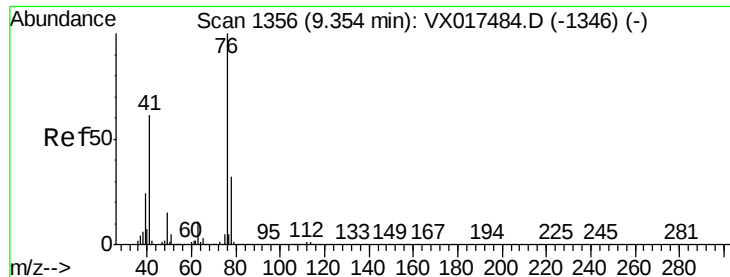
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#56
 Ethyl methacrylate
 Concen: 49.464 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		440314		
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

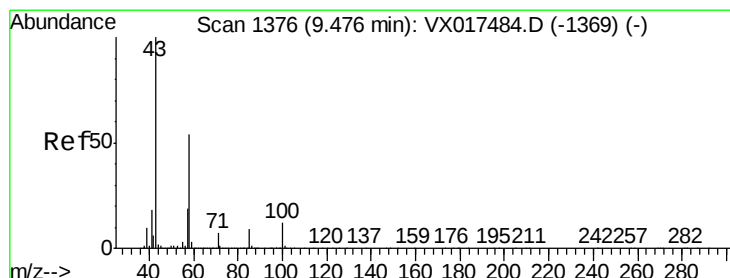
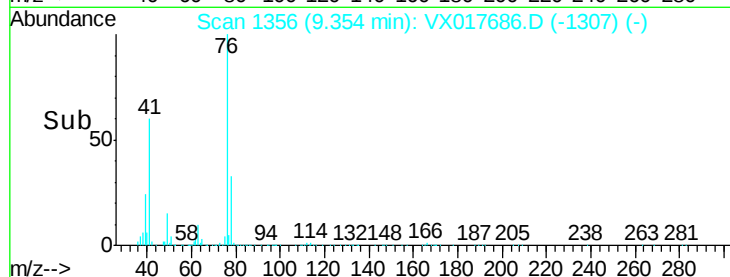
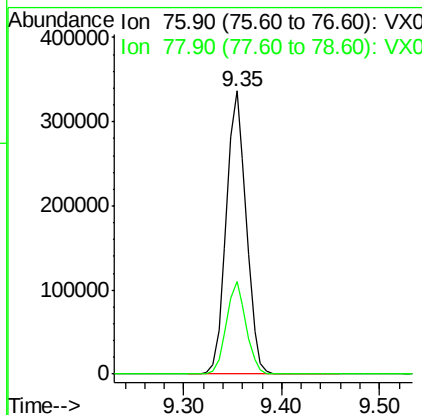
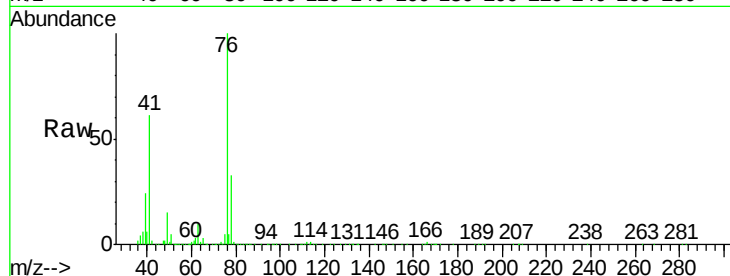
76 100

78 32.1 25.8 38.8

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#59

2-Hexanone

Concen: 246.702 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX017686.D

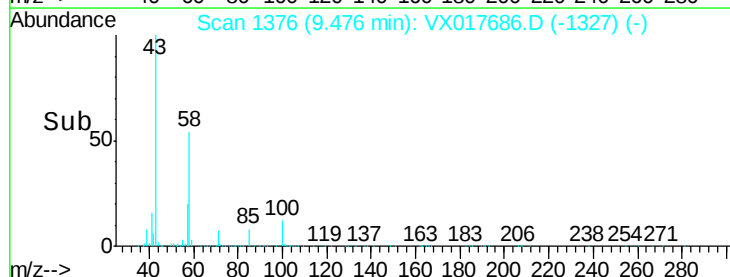
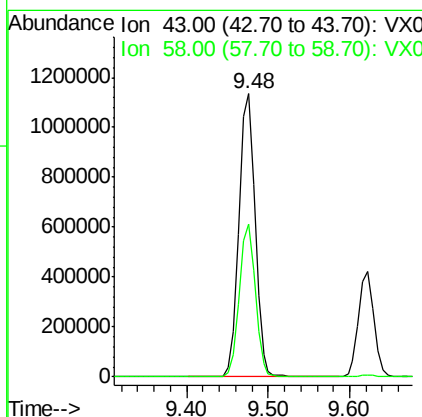
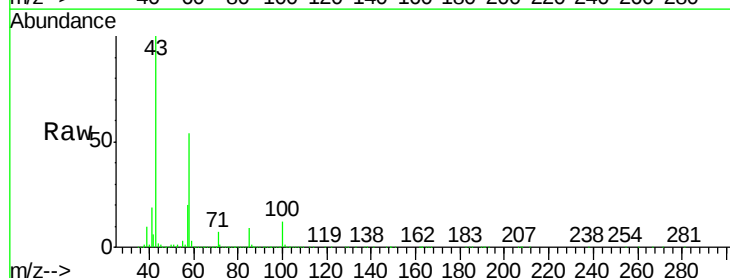
Acq: 30 Jul 2020 17:05

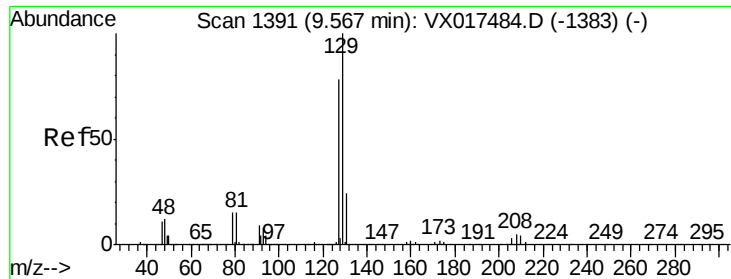
Tgt Ion: 43 Resp: 1543366

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

ClientSampled :

PK-10DMSD

Tot Ion:129 Resp: 366127

Ion Ratio Lower Upper

129 100

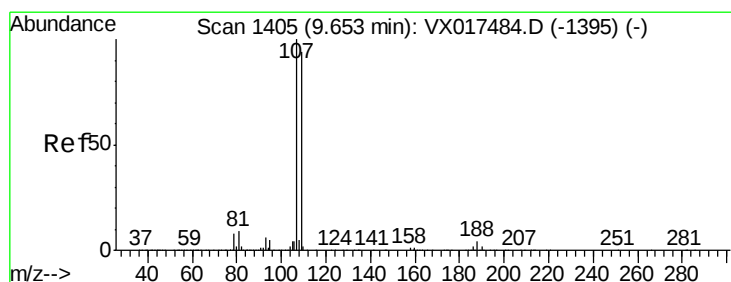
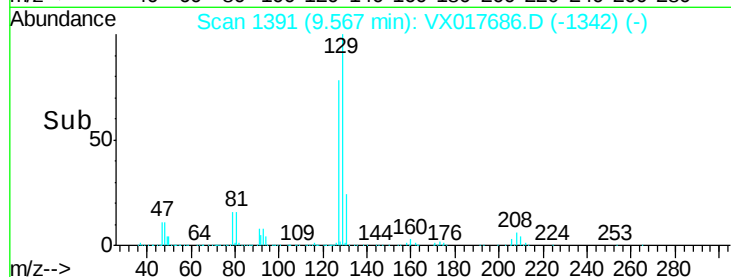
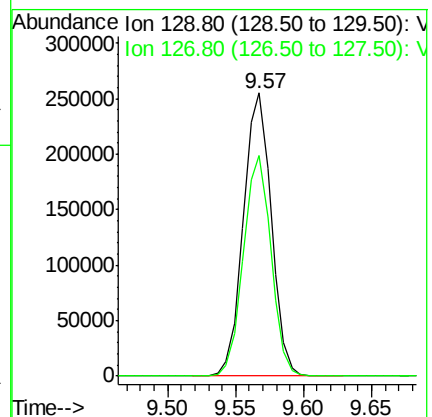
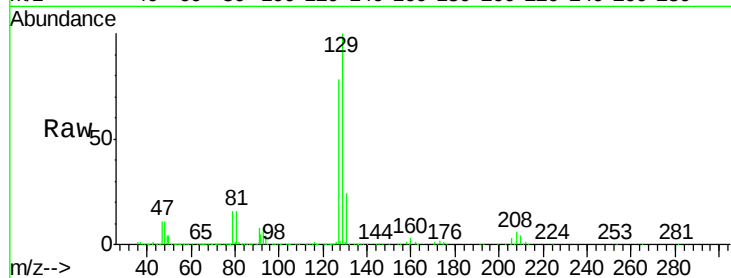
127 76.9 38.4 115.1

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#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

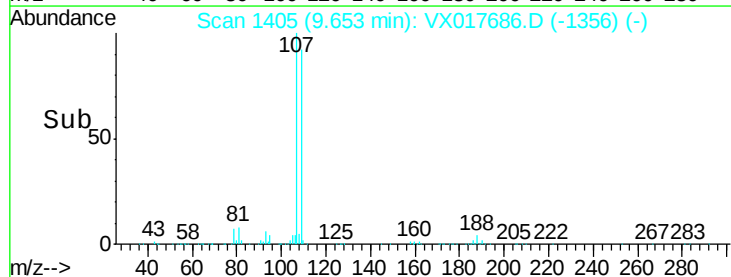
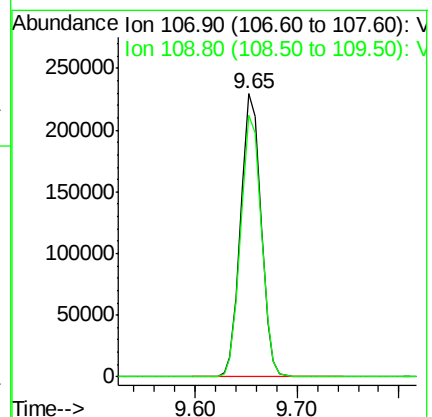
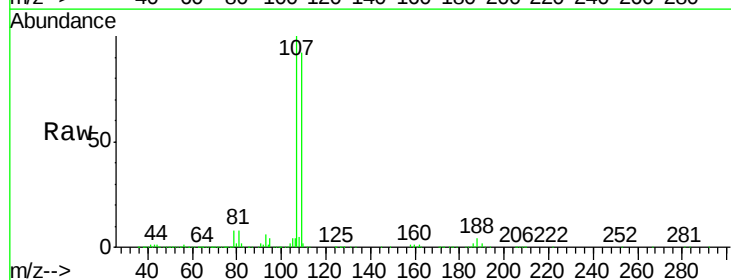
Acq: 30 Jul 2020 17:05

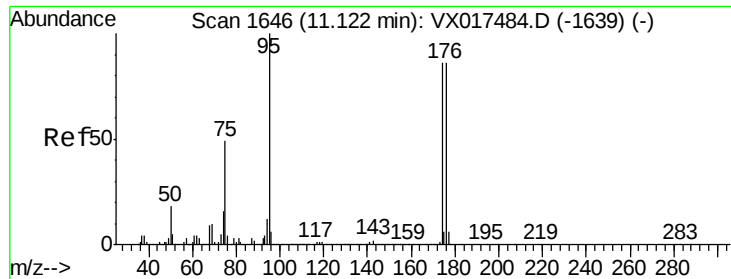
Tgt Ion:107 Resp: 315843

Ion Ratio Lower Upper

107 100

109 94.0 74.9 112.3





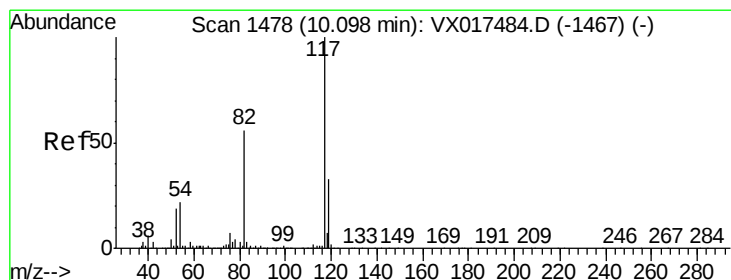
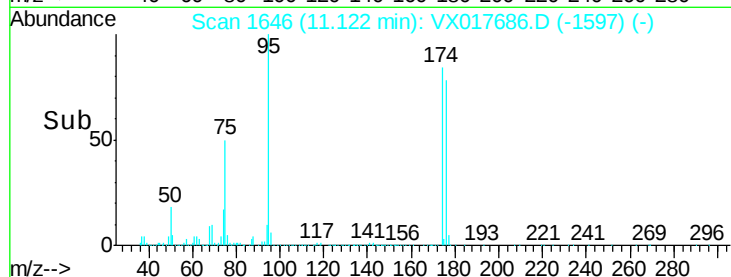
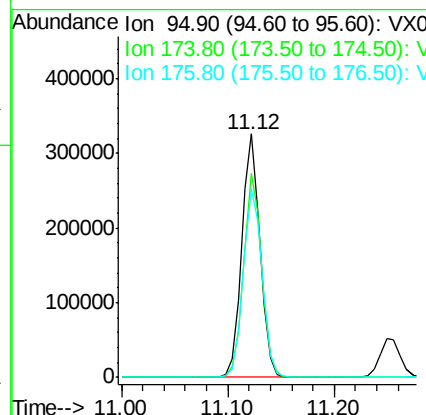
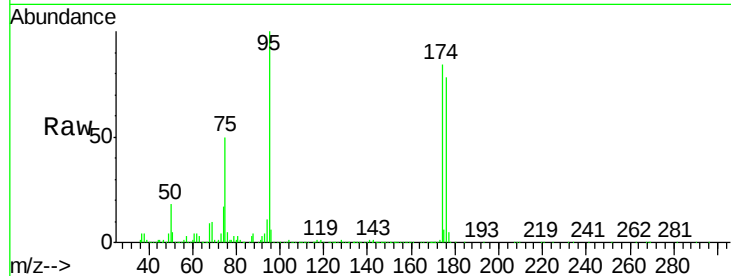
#62
4-Bromofluorobenzene
Concen: 50.091 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	389024		
174	83.3	0.0	169.0	
176	80.8	0.0	161.0	

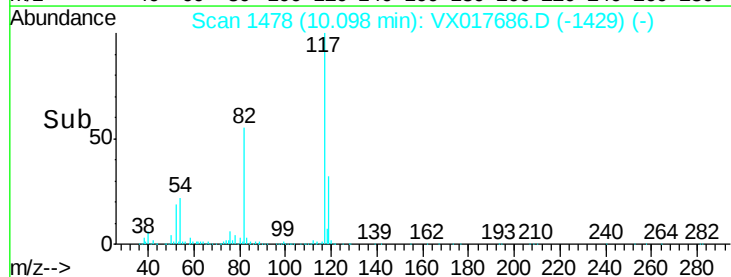
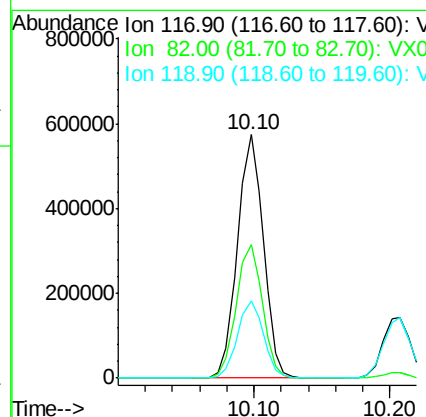
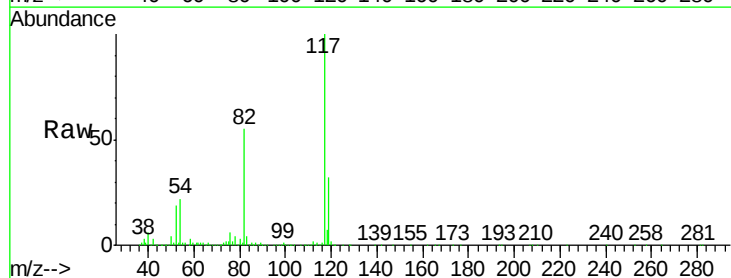
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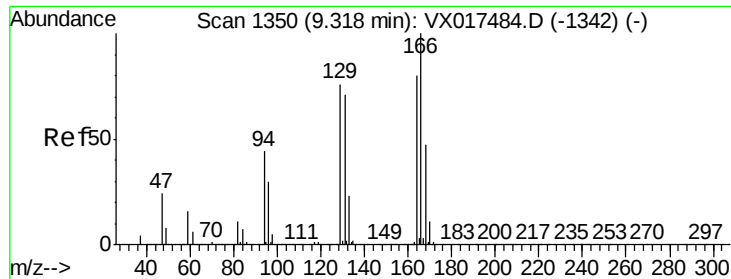
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	763247		
82	54.9	44.0	66.0	
119	31.7	25.4	38.0	





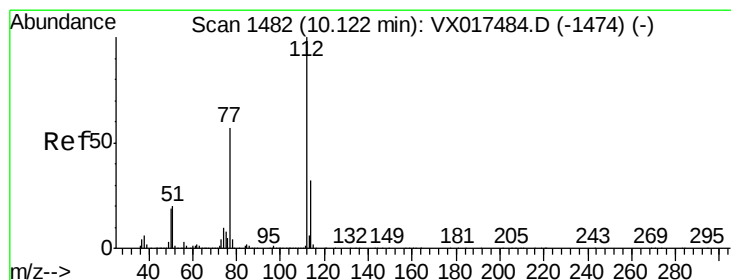
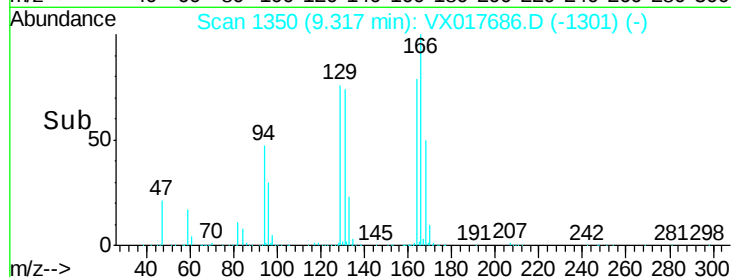
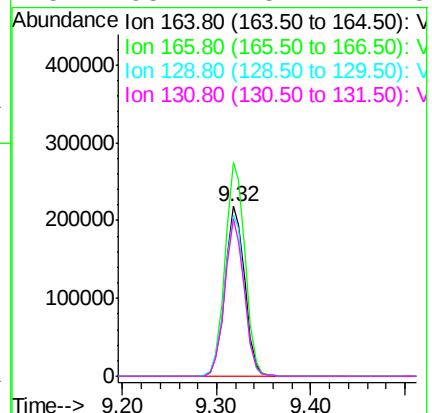
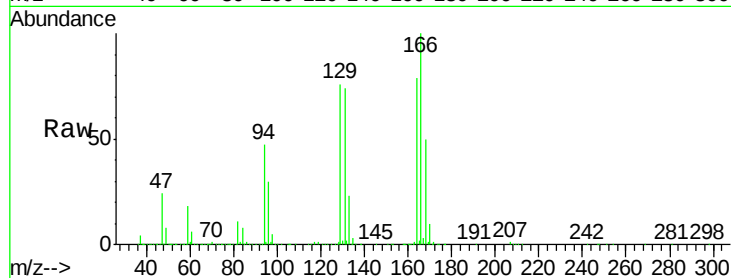
#64
Tetrachloroethene
Concen: 46.028 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Tot Ion	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

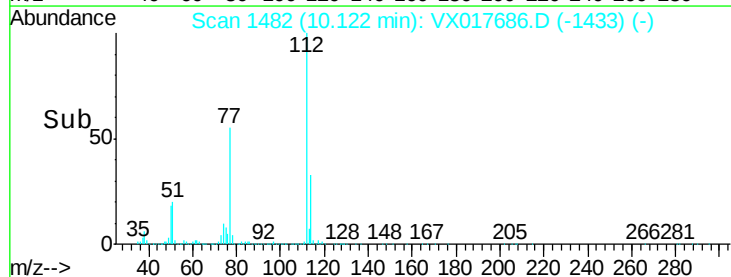
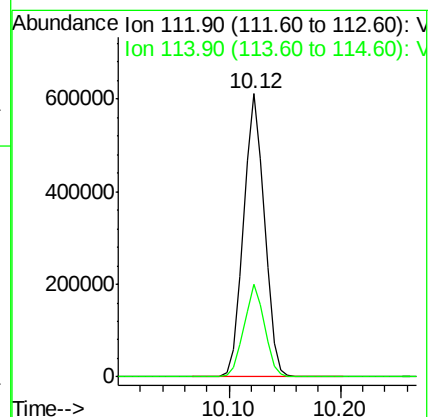
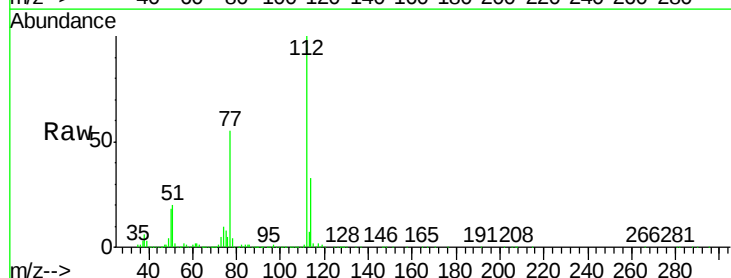
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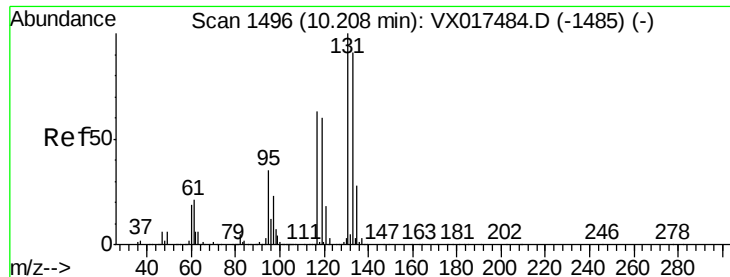
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#65
Chlorobenzene
Concen: 48.226 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.7	38.5





#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

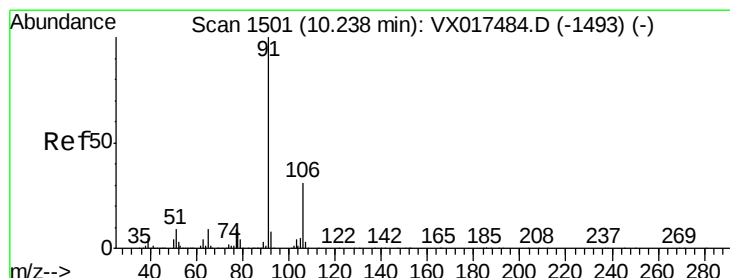
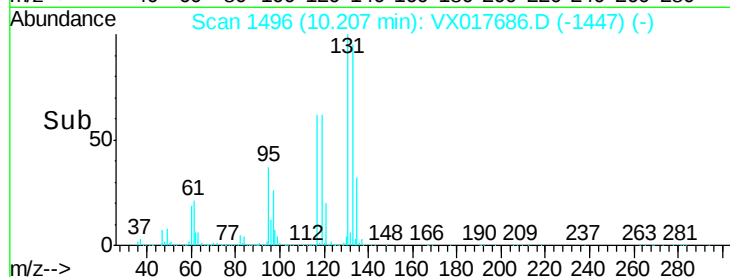
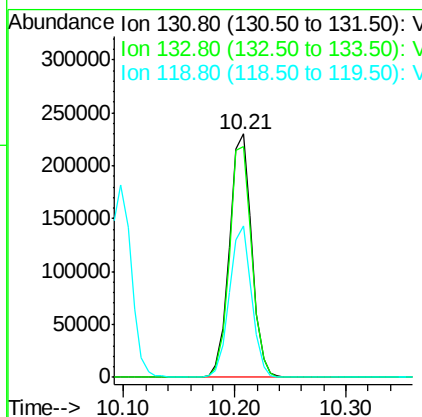
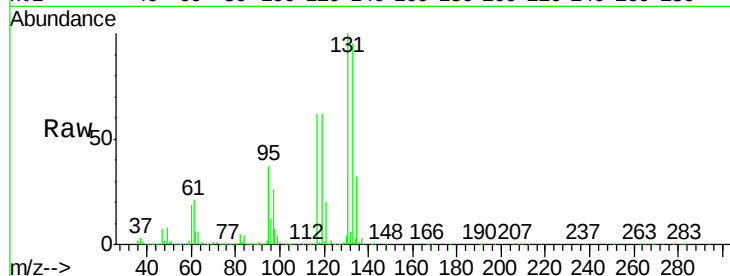
ClientSampleId :

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

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#67

Ethyl Benzene

Concen: 48.060 ug/l

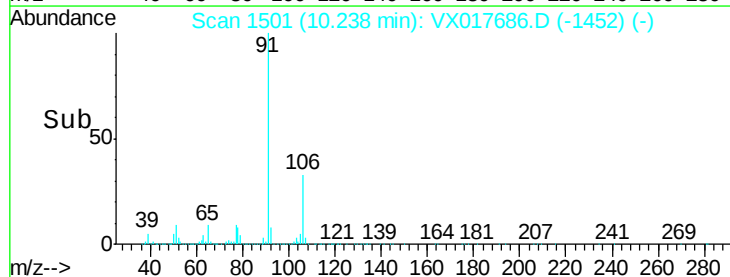
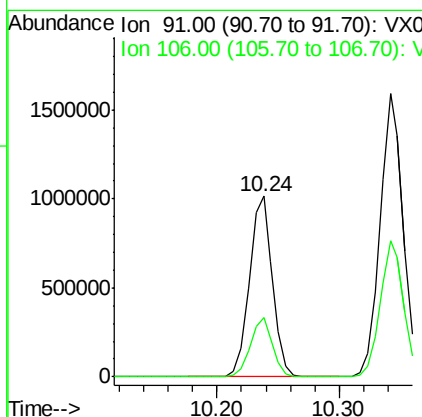
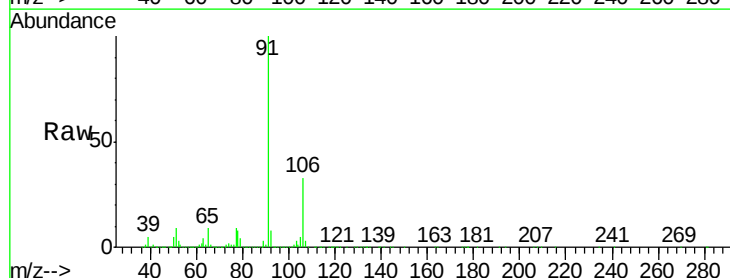
RT: 10.24 min Scan# 1501

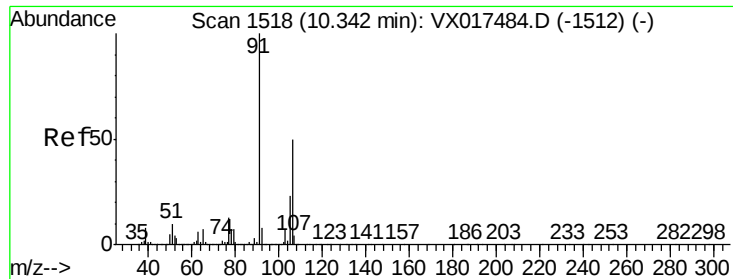
Delta R.T. -0.00 min

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





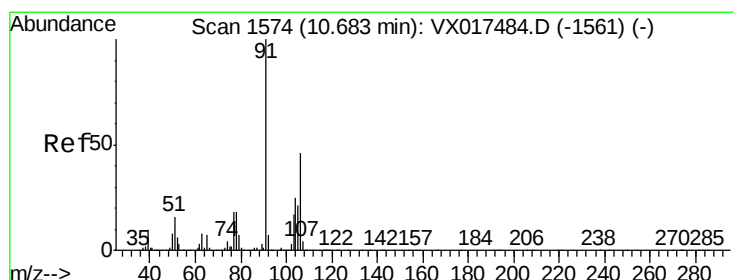
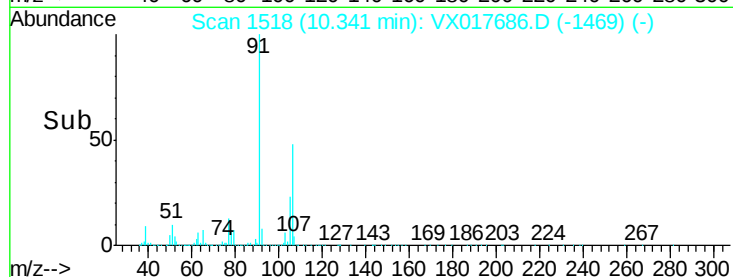
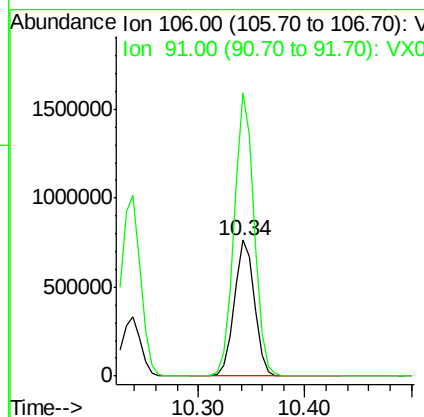
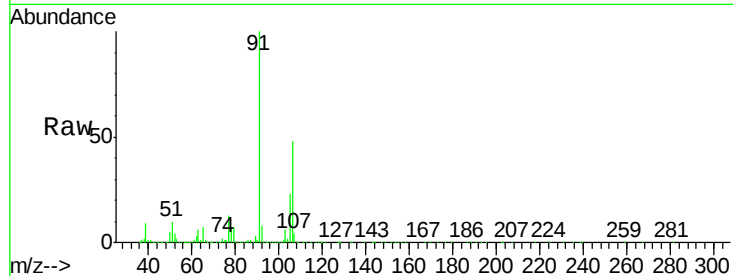
#68
m/p-Xylenes
Concen: 94.979 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Tot Ion:106 Resp: 1014696
Ion Ratio Lower Upper
106 100
91 206.2 160.9 241.3

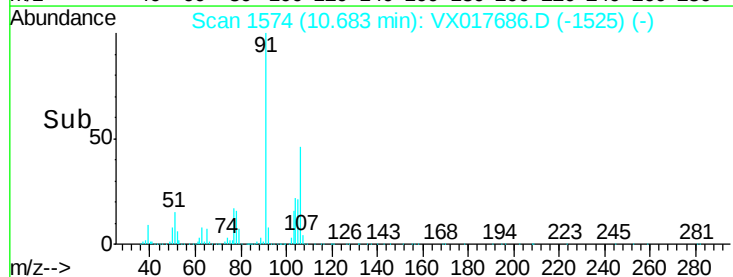
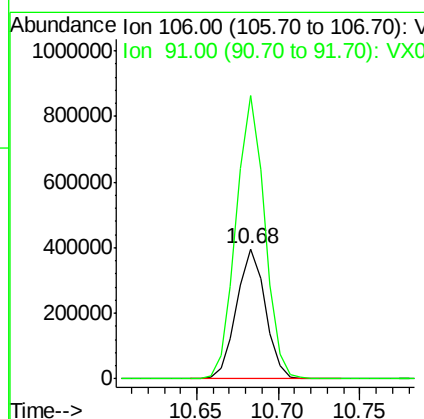
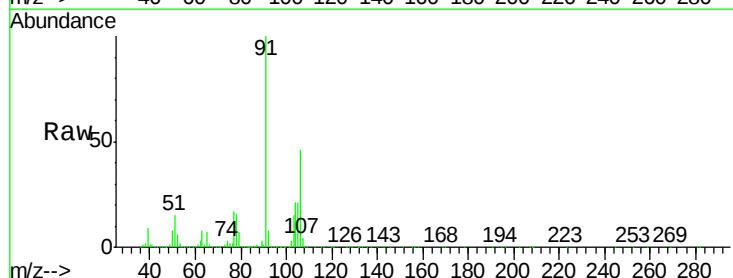
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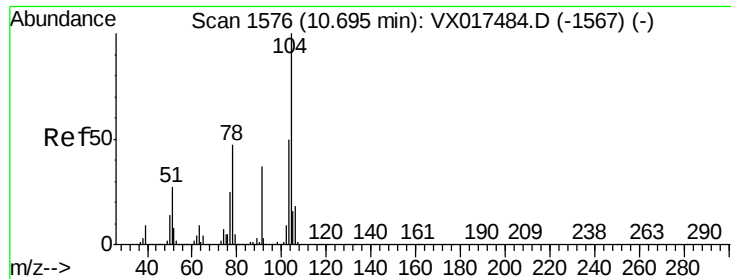
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#69
o-Xylene
Concen: 47.646 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Tgt Ion:106 Resp: 489566
Ion Ratio Lower Upper
106 100
91 216.0 108.2 324.6





#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

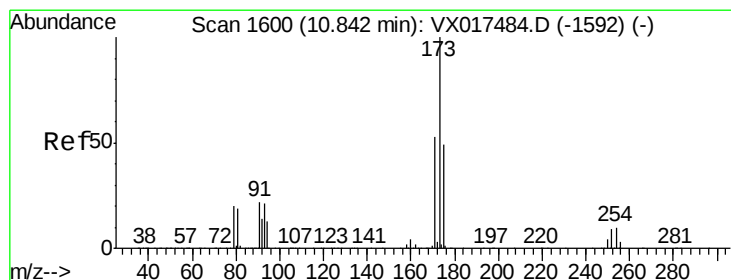
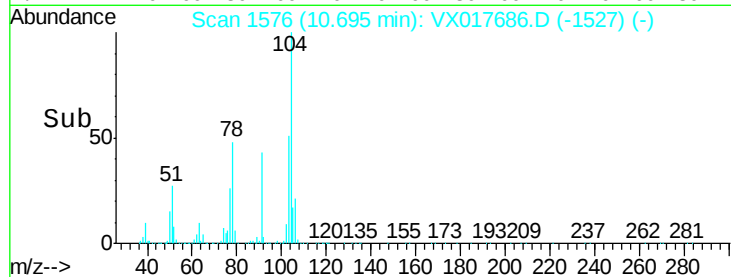
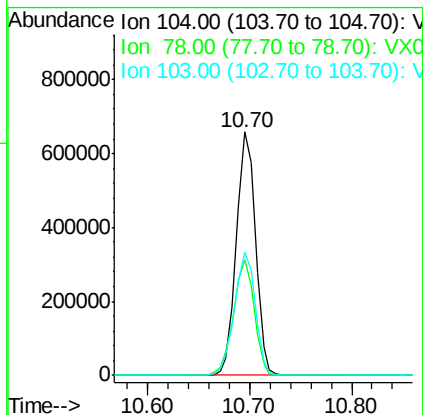
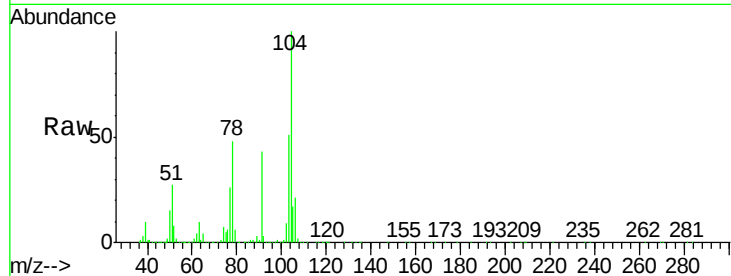
ClientSampleId :

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

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#71

Bromoform

Concen: 46.503 ug/l

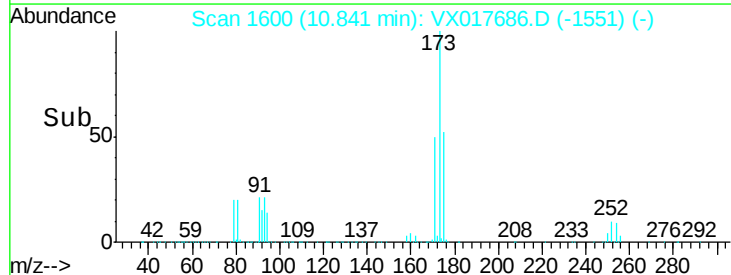
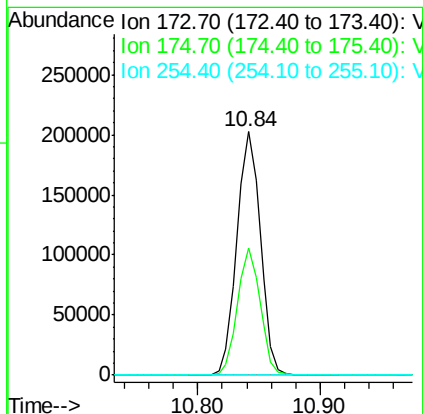
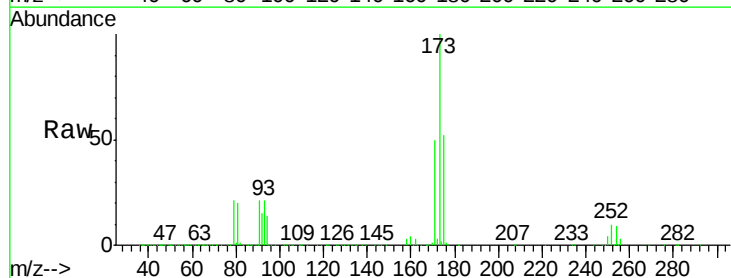
RT: 10.84 min Scan# 1600

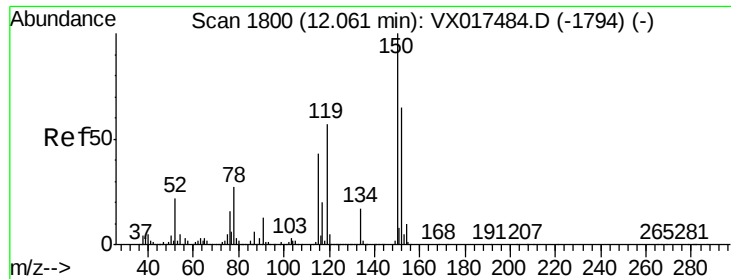
Delta R.T. -0.00 min

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#





#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

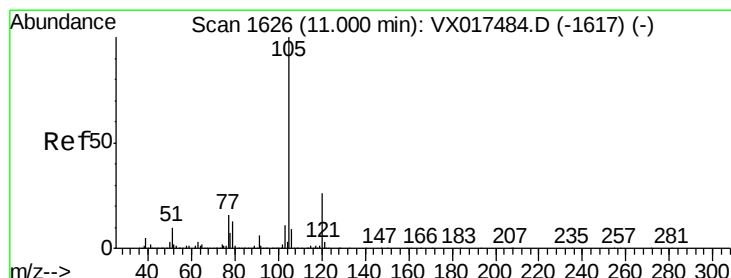
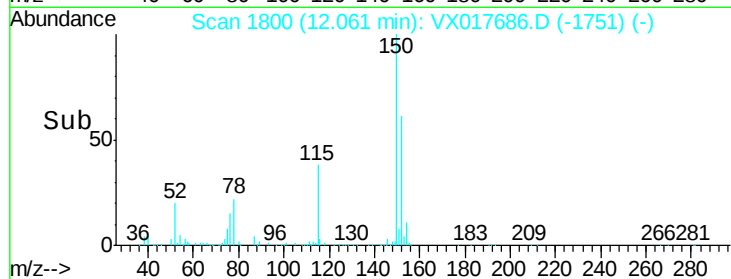
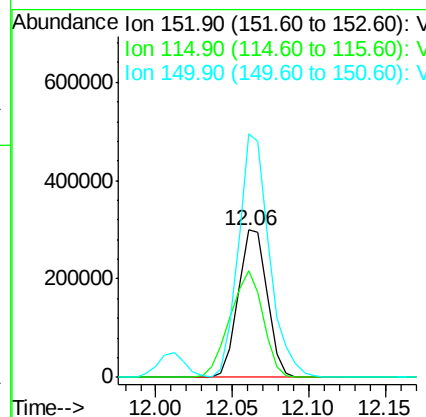
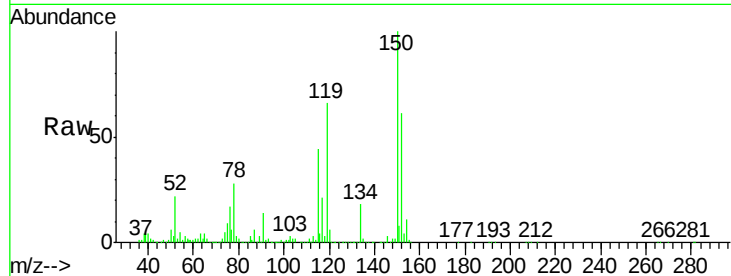
ClientSampleId :

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

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#73

Isopropylbenzene

Concen: 50.172 ug/l

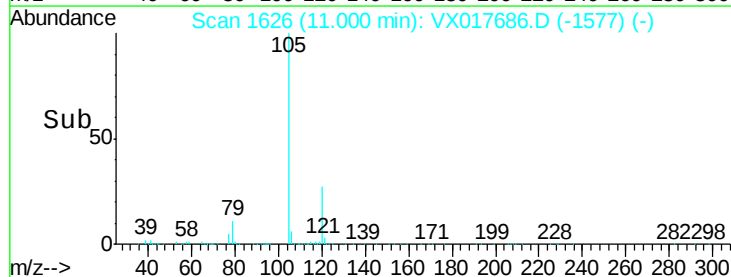
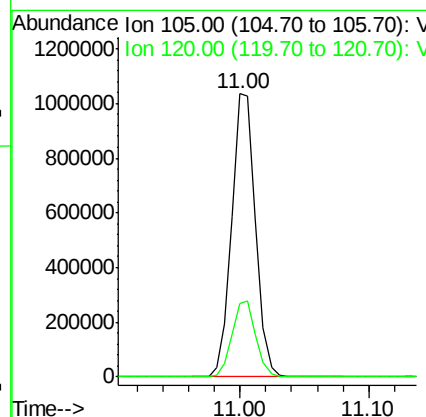
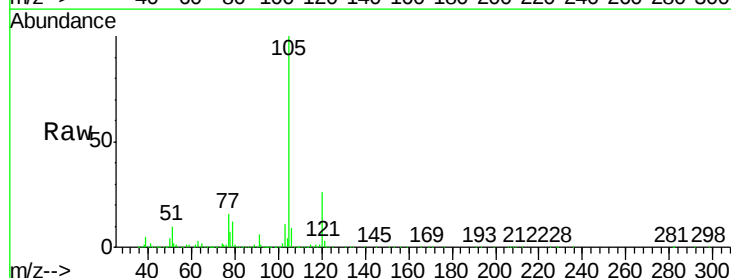
RT: 11.00 min Scan# 1626

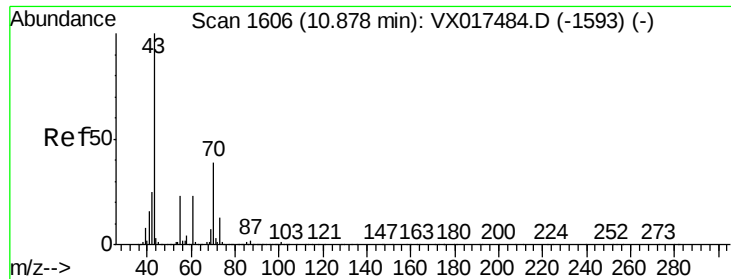
Delta R.T. -0.00 min

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





#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

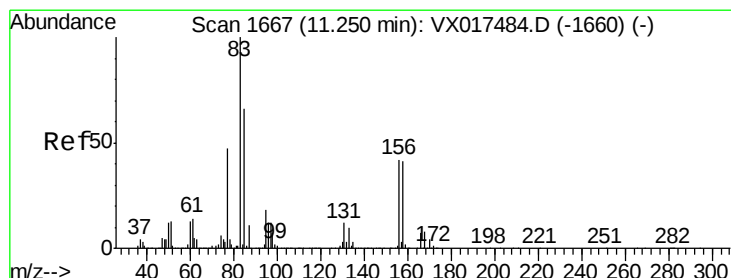
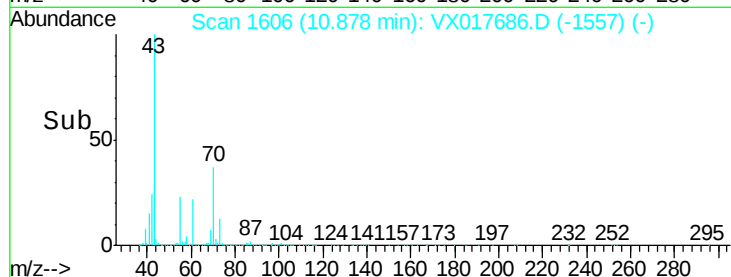
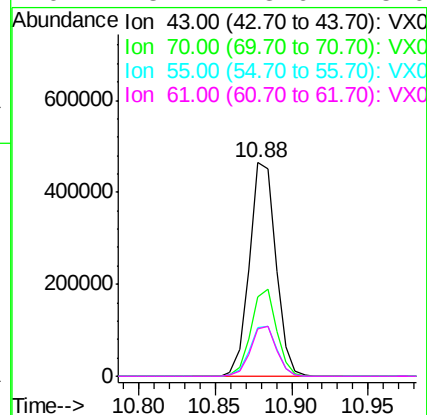
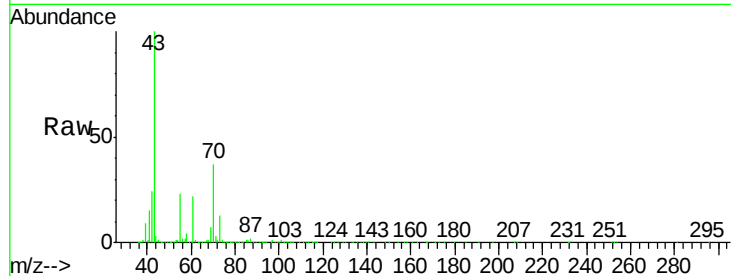
ClientSampleId :

PK-10DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		557015		
70	39.5	32.3	48.5		
55	23.8	18.4	27.6		
61	23.1	18.6	28.0		

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#75

1,1,2,2-Tetrachloroethane

Concen: 46.396 ug/l

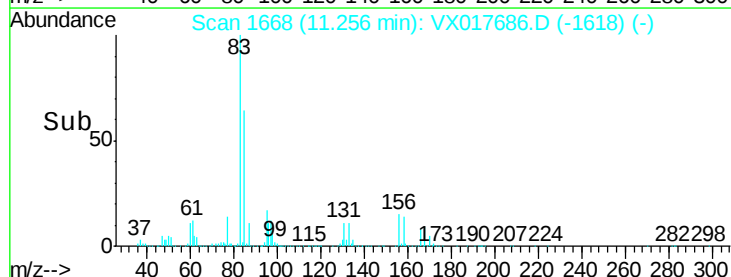
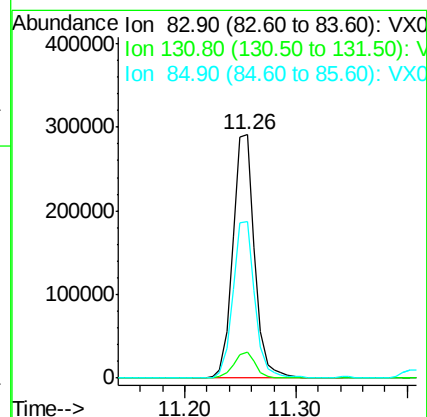
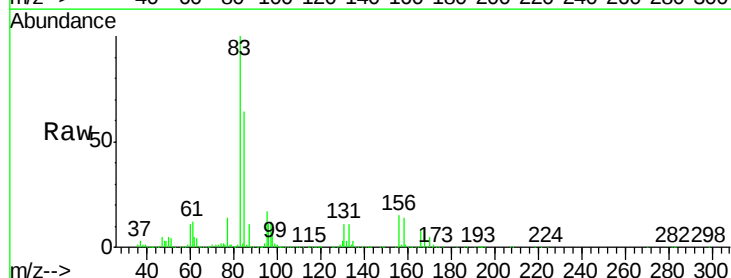
RT: 11.26 min Scan# 1668

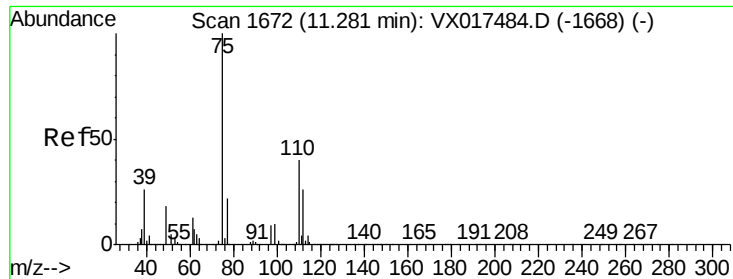
Delta R.T. 0.01 min

Lab File: VX017686.D

Acq: 30 Jul 2020 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		389505		
131	10.9	5.5	16.5		
85	65.2	32.1	96.3		





#76

1,2,3-Trichloropropane

Concen: 47.026 ug/l m

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: 379258

Ion Ratio Lower Upper

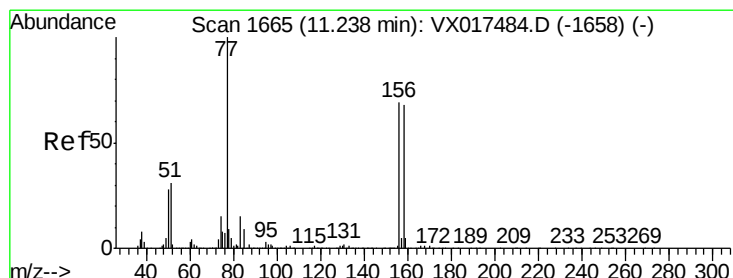
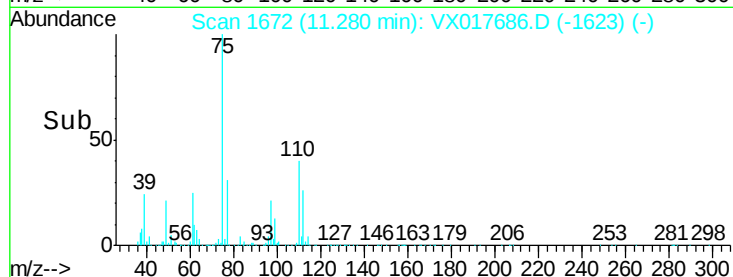
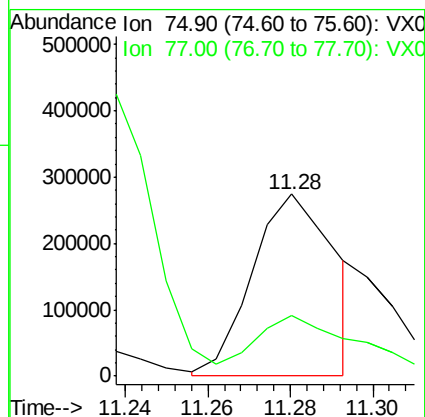
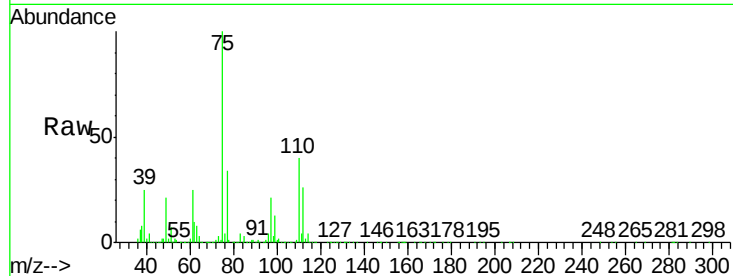
75 100

77 41.9 21.8 65.3

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#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

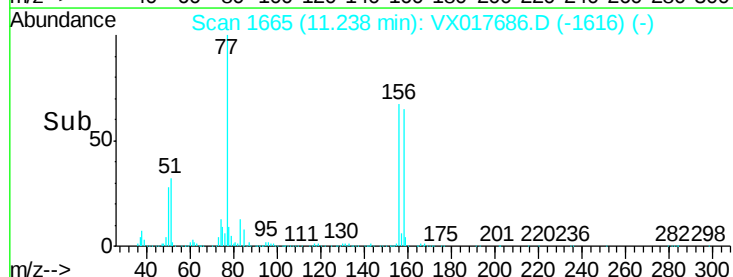
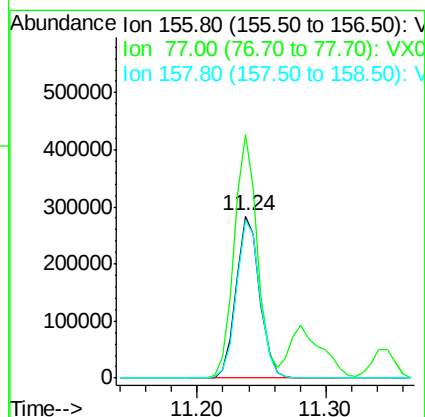
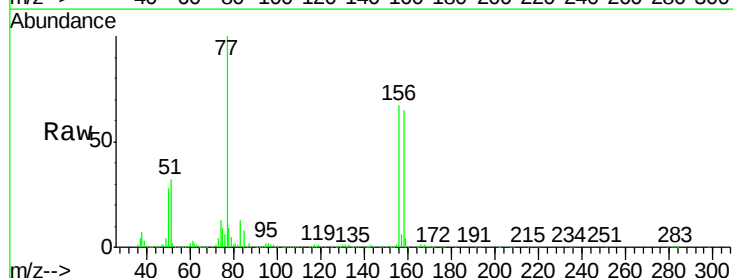
Tgt Ion: 156 Resp: 360640

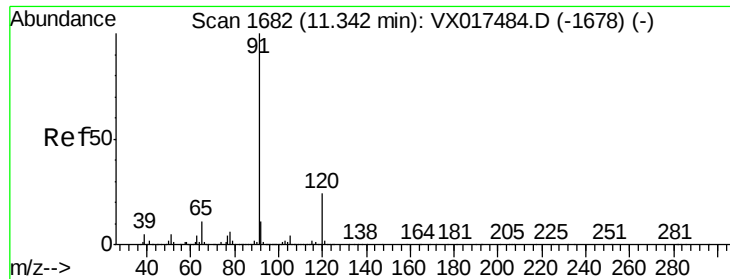
Ion Ratio Lower Upper

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

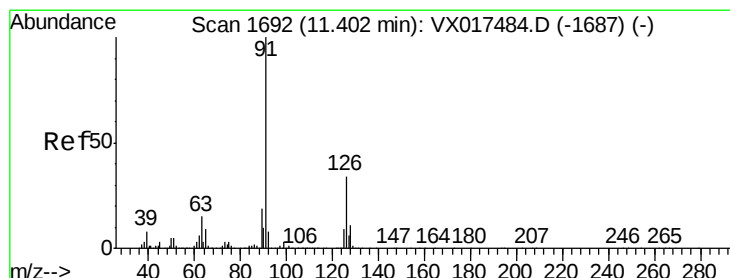
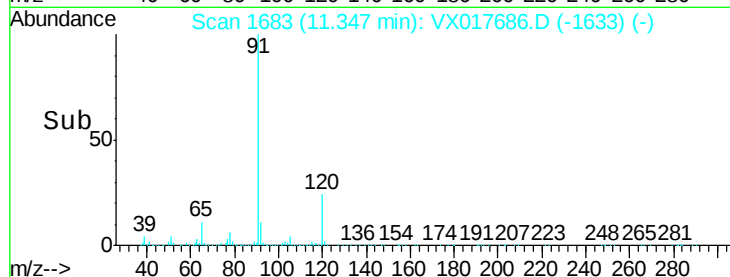
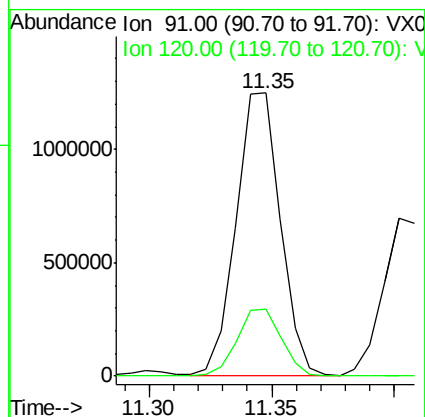
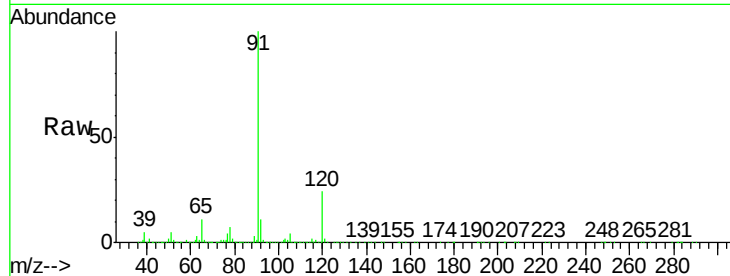
120 24.0 12.2 36.4

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#79

2-Chlorotoluene

Concen: 48.530 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017686.D

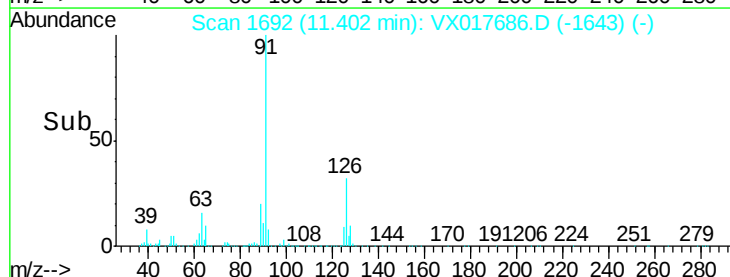
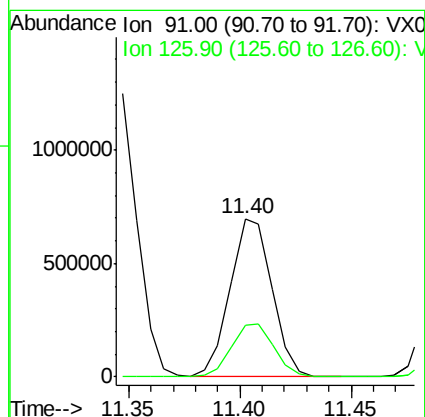
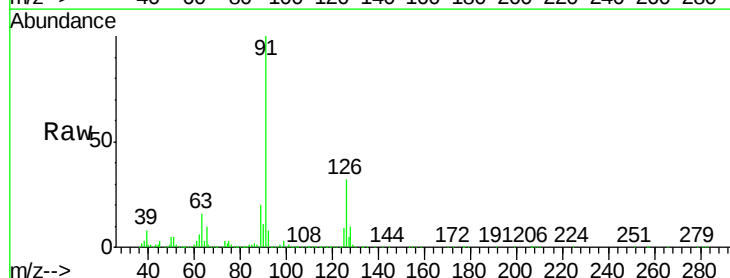
Acq: 30 Jul 2020 17:05

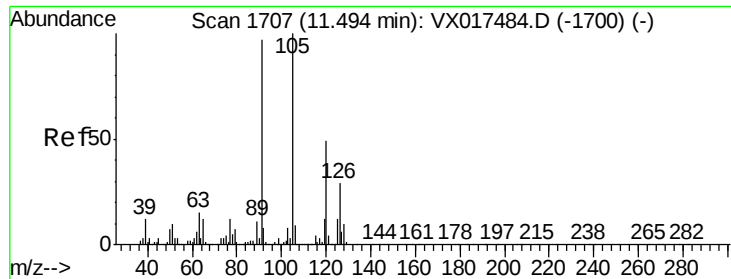
Tgt Ion: 91 Resp: 911925

Ion Ratio Lower Upper

91 100

126 34.1 17.5 52.5





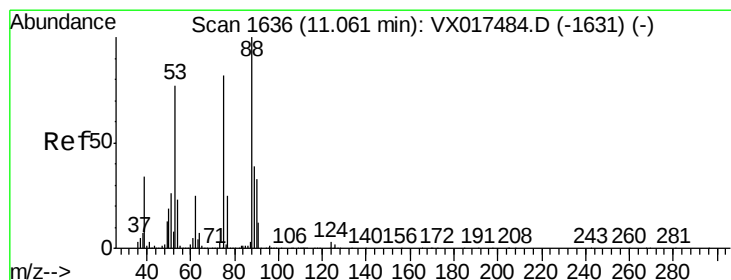
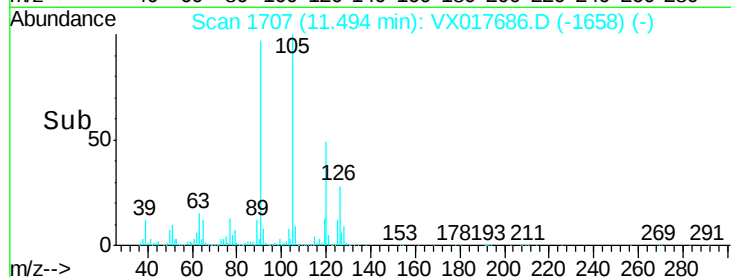
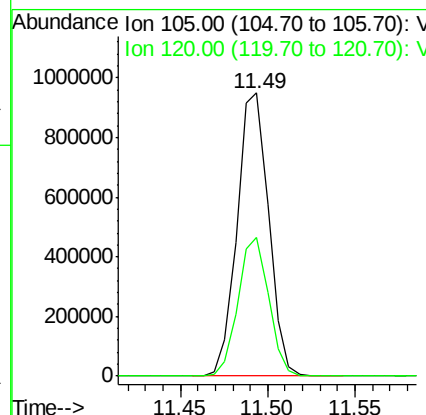
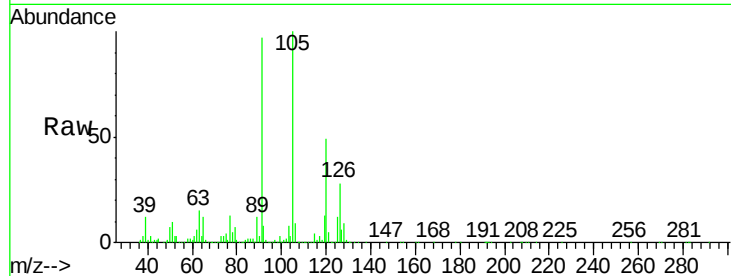
#80
 1,3,5-Trimethylbenzene
 Concen: 51.873 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Instrument :
 MSVOA_X
 ClientSampled :
 PK-10DMSD

Tot Ion:105 Resp: 1191213
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.3

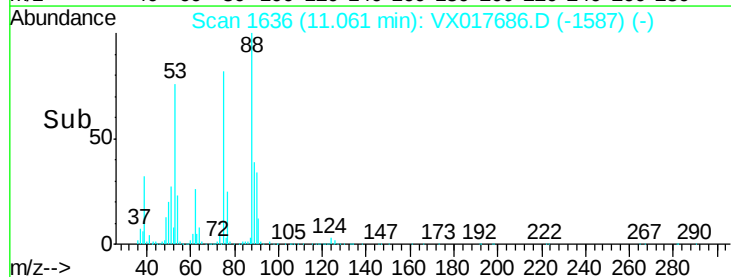
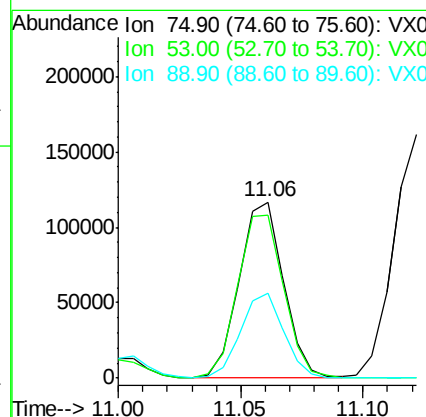
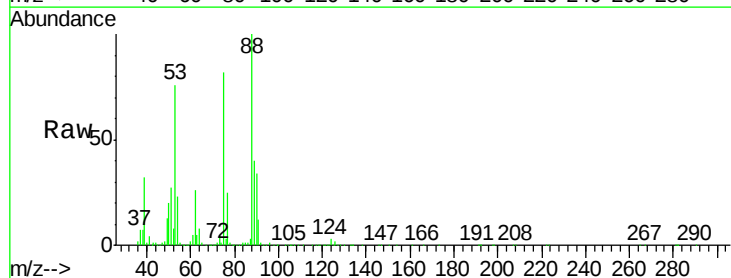
Manual Integrations
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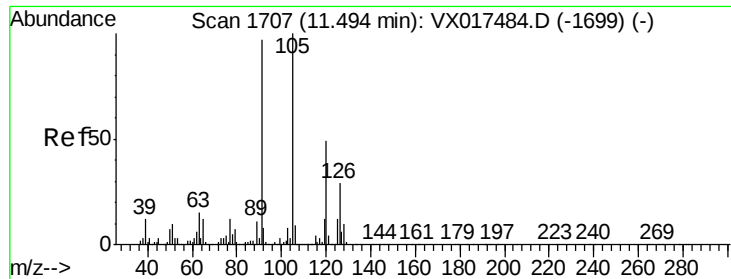
MMDadoda
 7/31/2020 11:58:04 AM



#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





#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

ClientSampled :

PK-10DMSD

Tot Ion: 91 Resp: 1125792

Ion Ratio Lower Upper

91 100

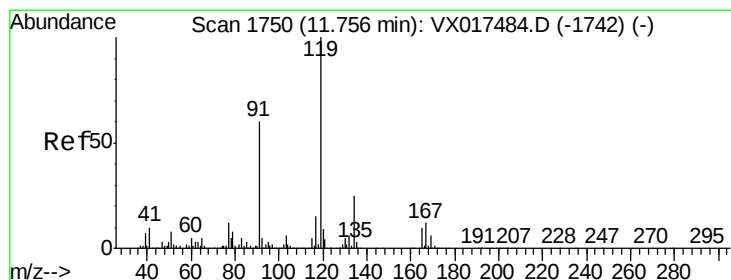
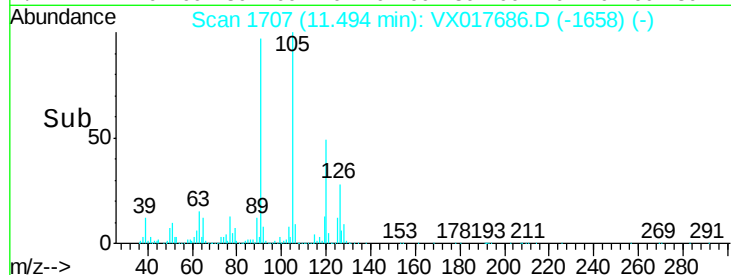
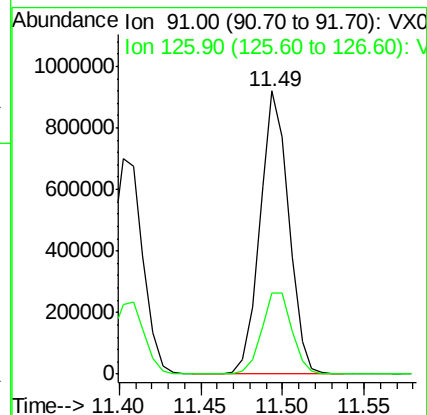
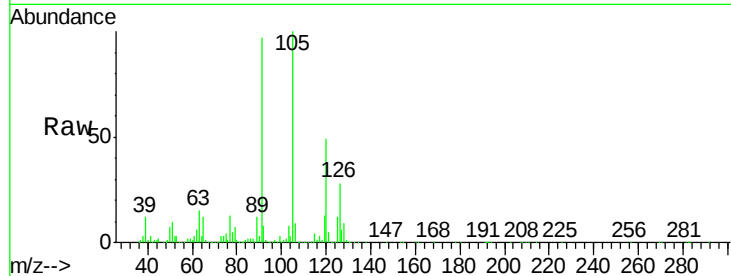
126 30.4 15.2 45.6

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#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

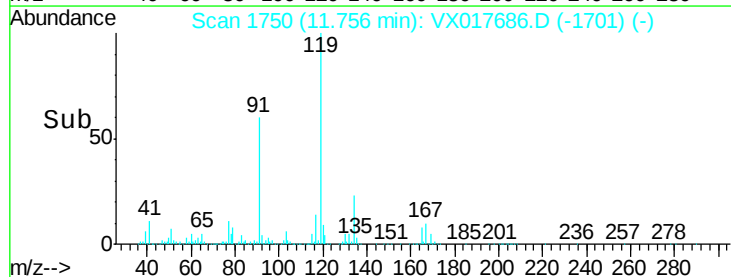
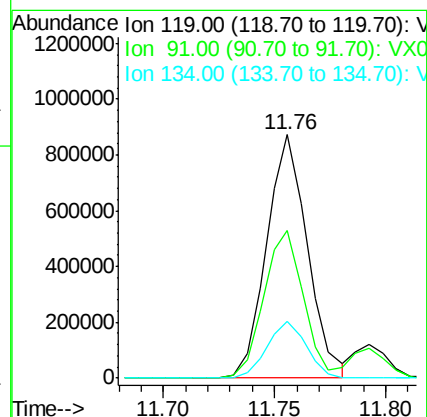
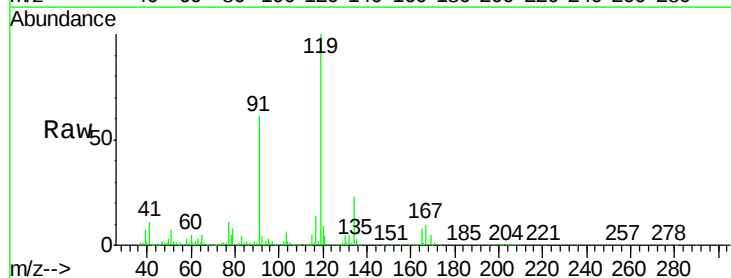
Tgt Ion: 119 Resp: 1109144

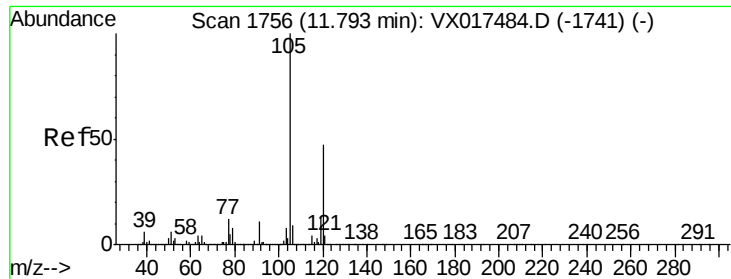
Ion Ratio Lower Upper

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

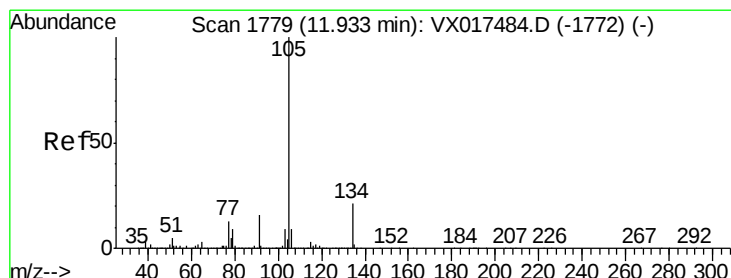
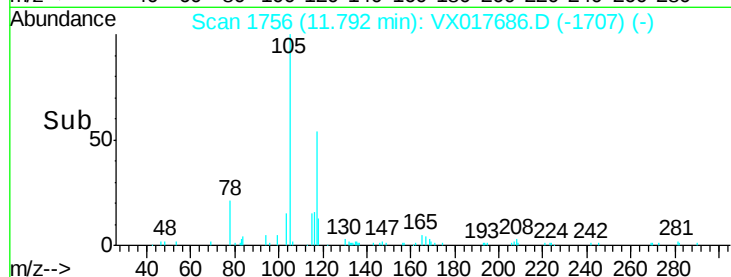
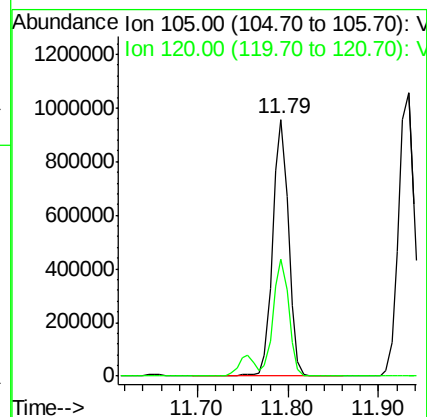
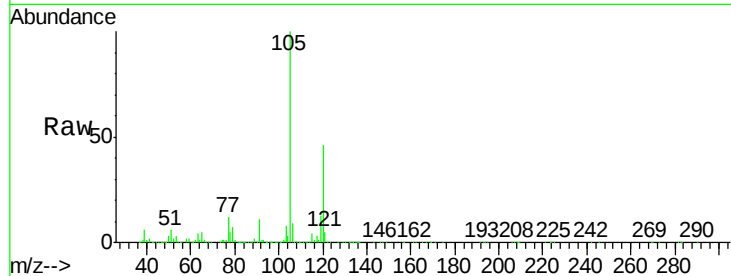
105 100

120 45.0 22.7 68.0

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#85

sec-Butylbenzene

Concen: 50.675 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017686.D

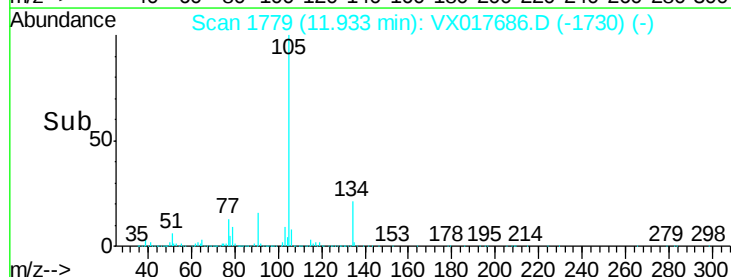
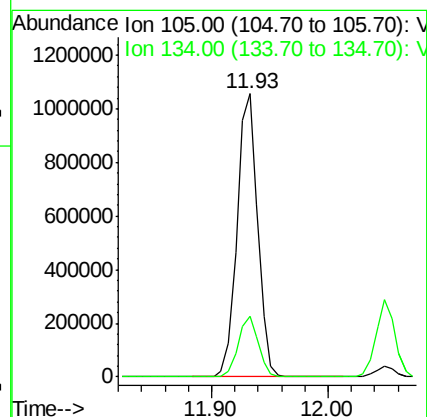
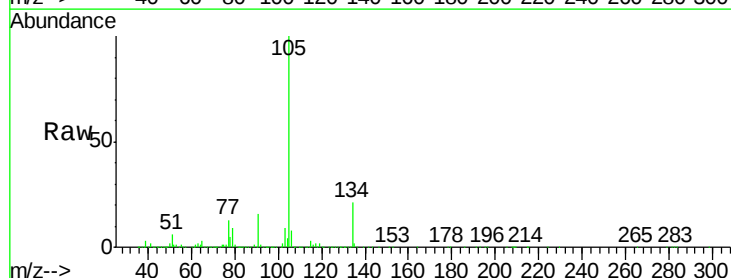
Acq: 30 Jul 2020 17:05

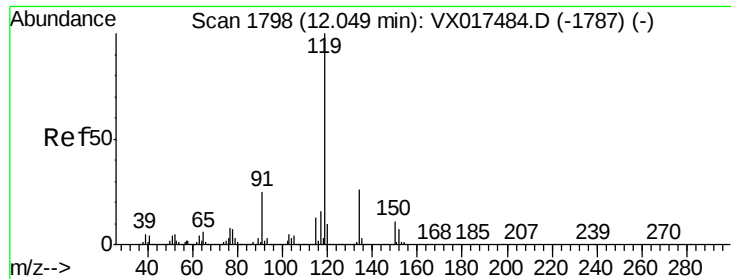
Tgt Ion:105 Resp: 1297141

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2





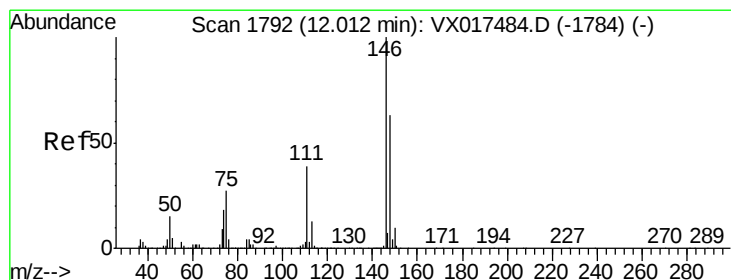
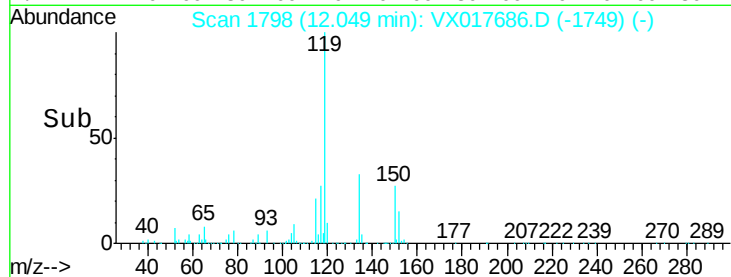
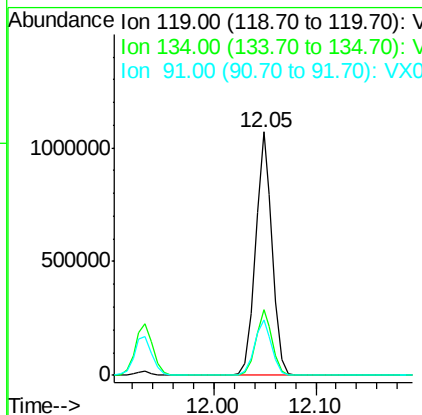
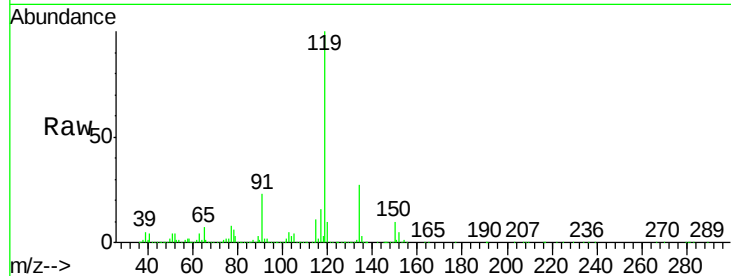
#86
p-Isopropyltoluene
Concen: 49.898 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

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

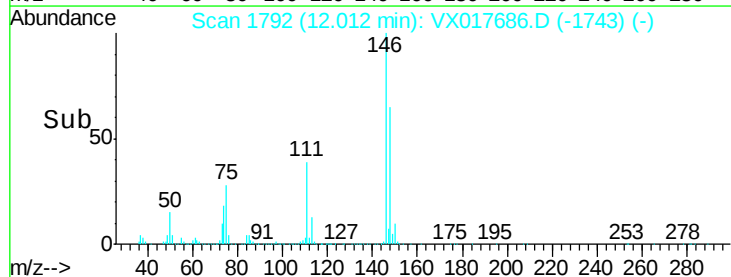
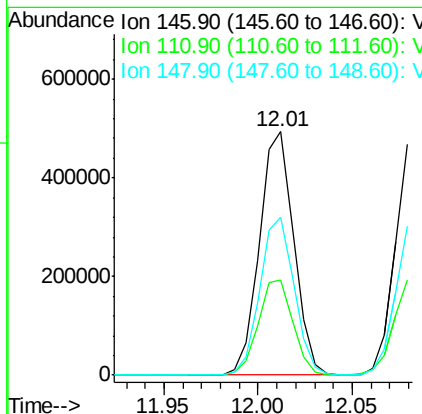
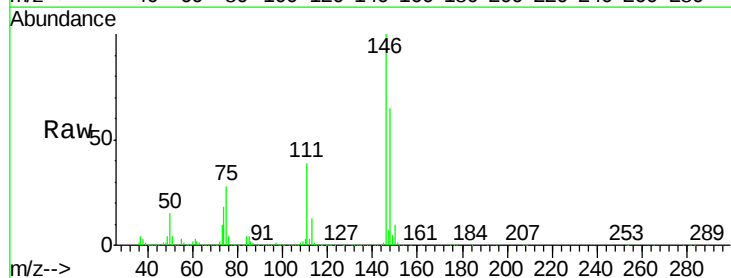
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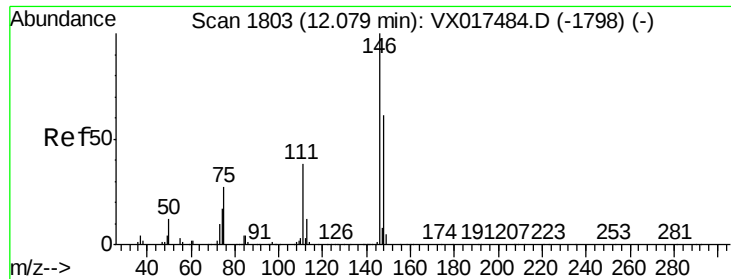
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#87
1,3-Dichlorobenzene
Concen: 48.335 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

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





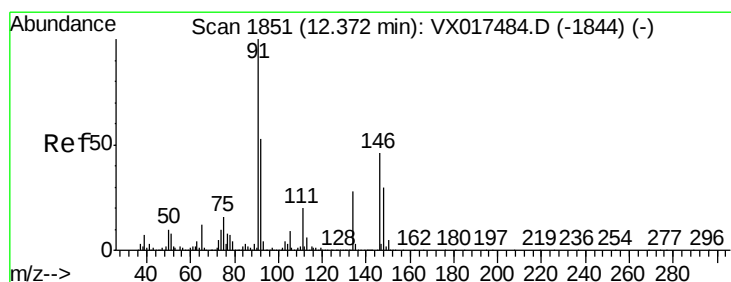
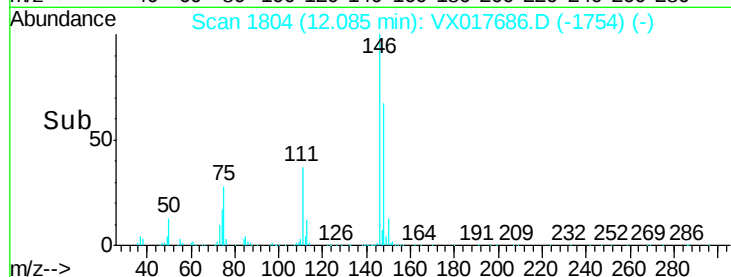
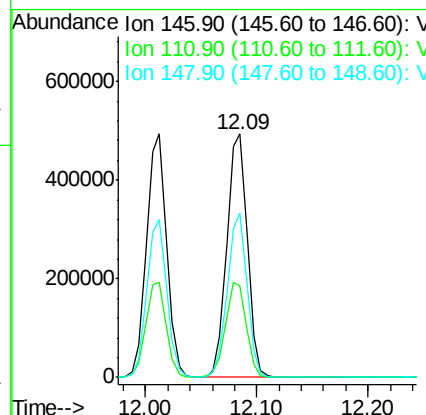
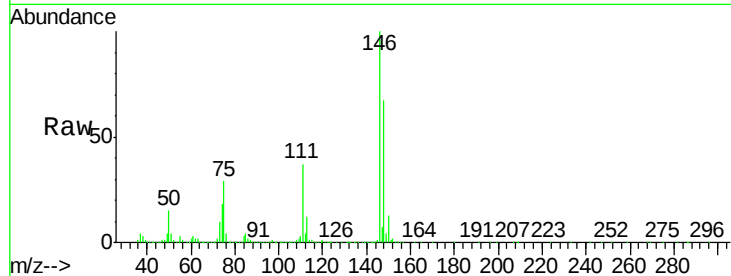
#88
 1,4-Dichlorobenzene
 Concen: 46.771 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMSD

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

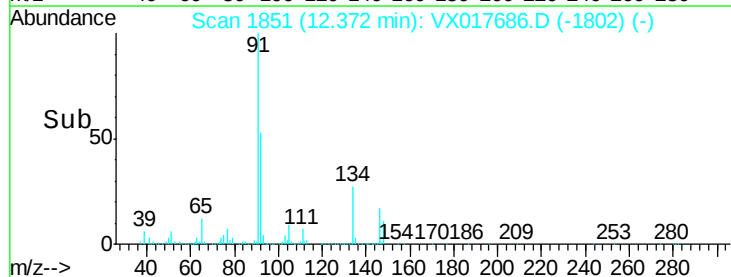
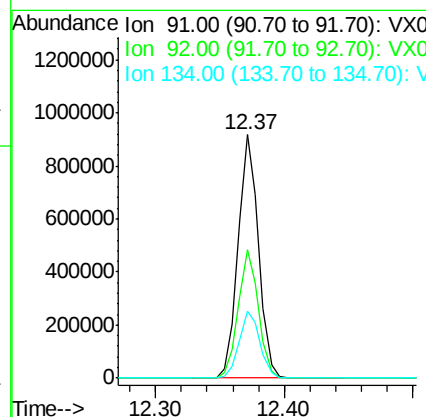
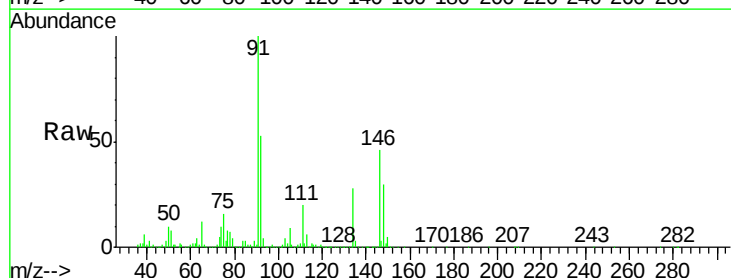
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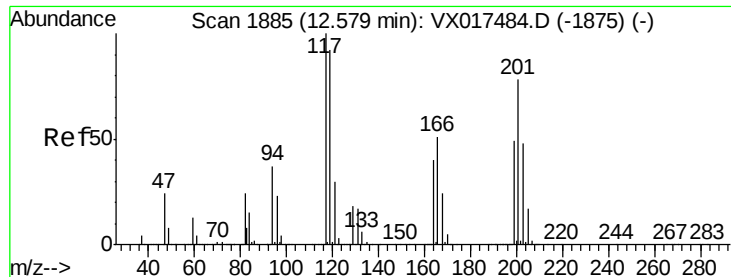
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#89
 n-Butylbenzene
 Concen: 46.891 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017686.D
 Acq: 30 Jul 2020 17:05

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





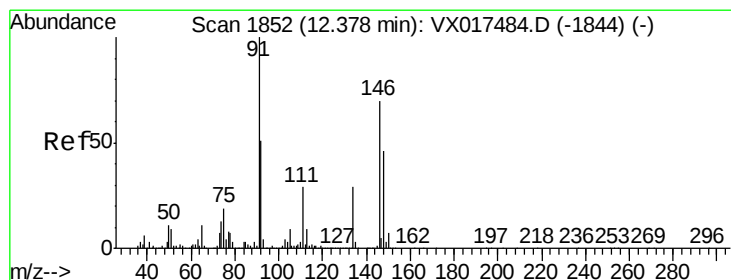
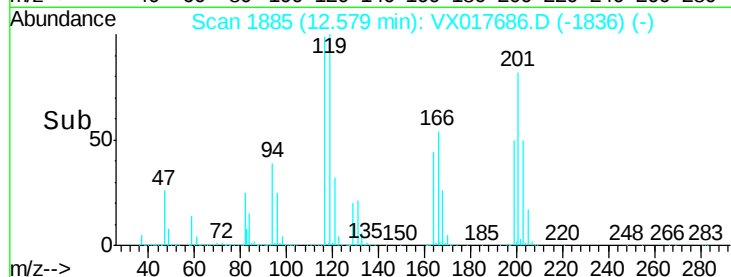
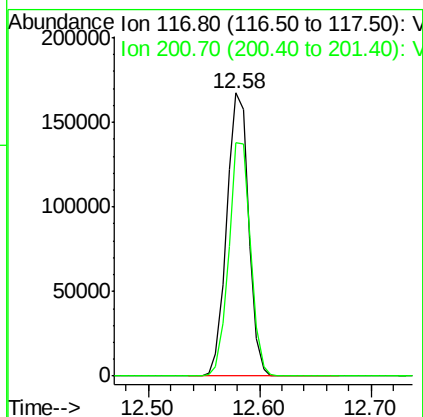
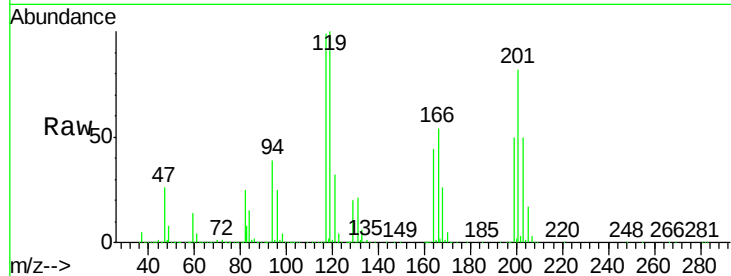
#90
Hexachloroethane
Concen: 47.280 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	227218		
201	81.8	42.2	126.6	

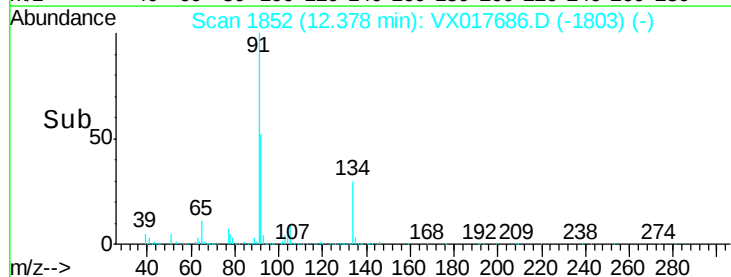
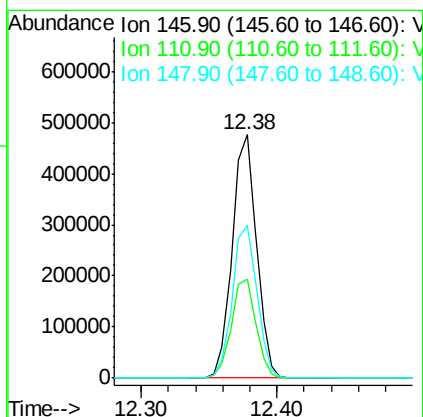
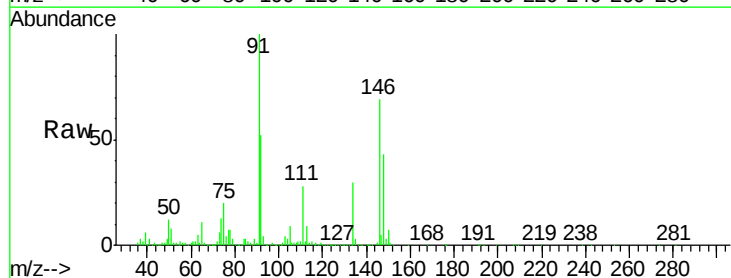
Manual Integrations
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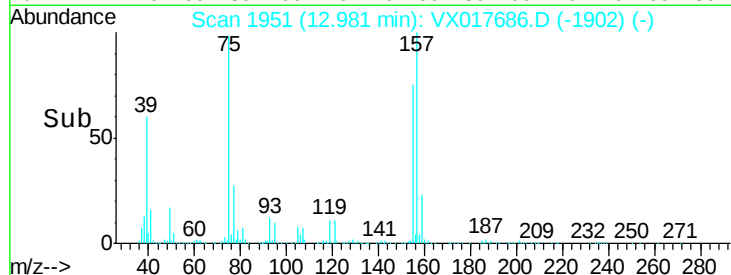
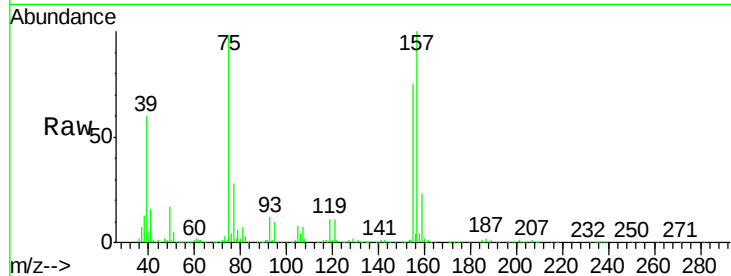
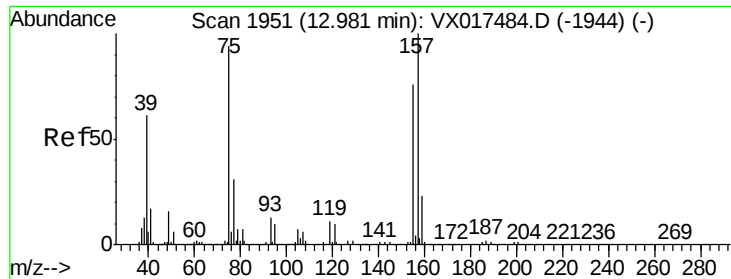
MMDadoda
7/31/2020 11:58:04 AM



#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	Ratio	Resp	Lower	Upper
146	100	593237		
111	41.1	20.9	62.8	
148	63.7	32.8	98.4	





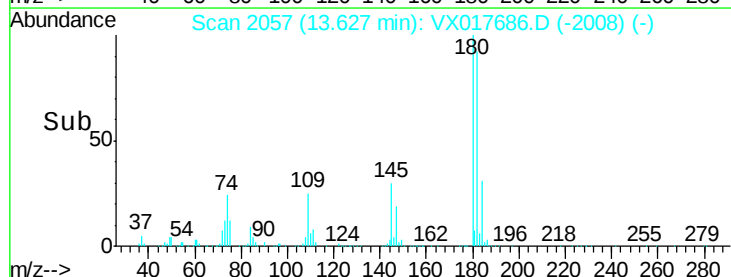
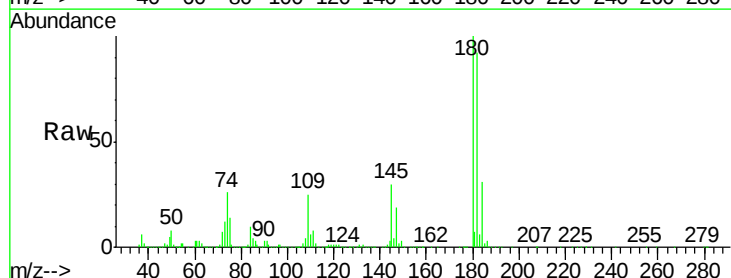
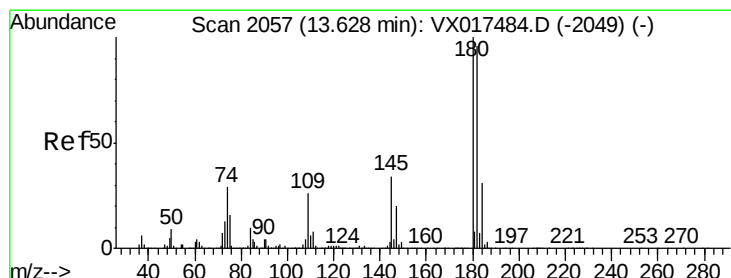
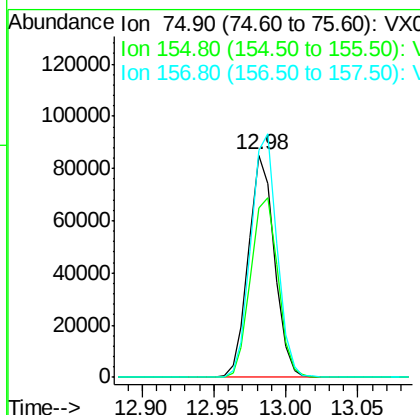
#92
1,2-Dibromo-3-Chloropropane
Concen: 44.947 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX017686.D
Acq: 30 Jul 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	84.8	42.3	126.8
157	109.7	54.3	162.9

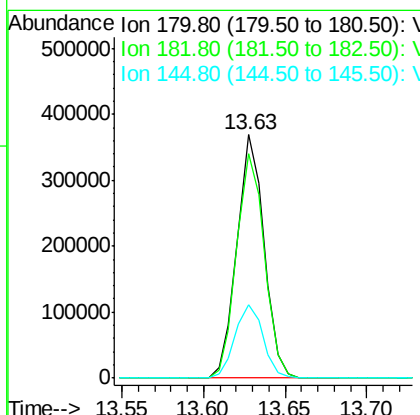
Manual Integrations
APPROVED

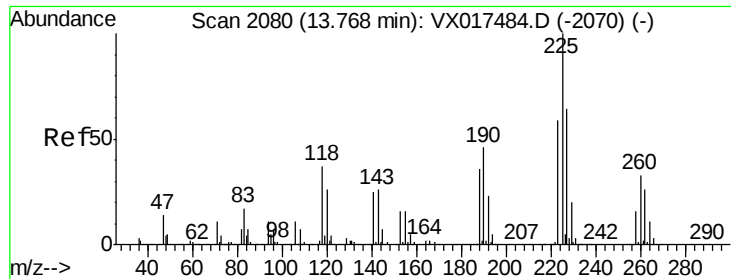
MMDadoda
7/31/2020 11:58:04 AM



#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	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.6
145	31.2	15.4	46.4





#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

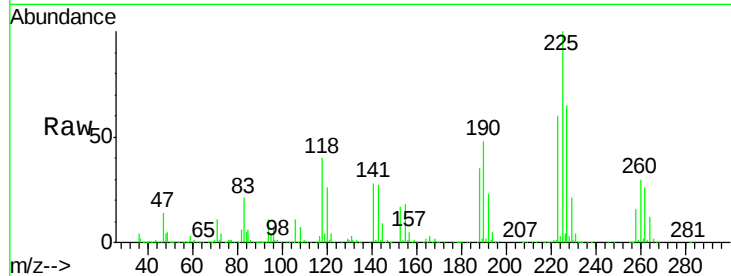
ClientSampled :

PK-10DMSD

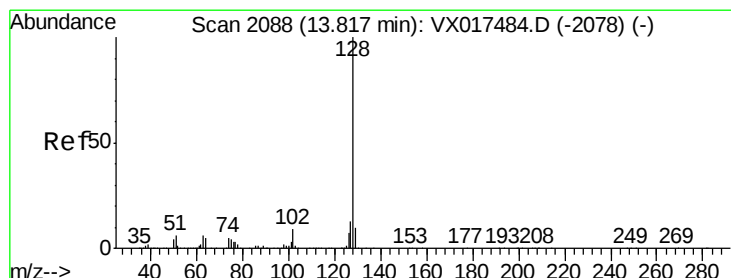
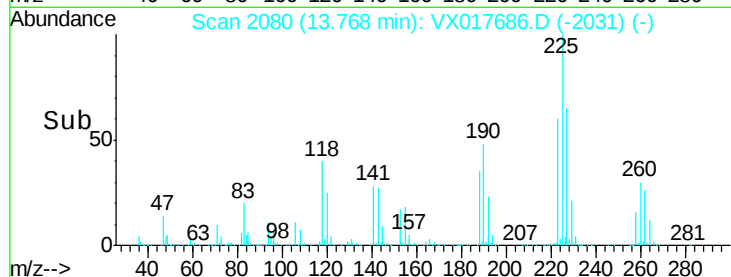
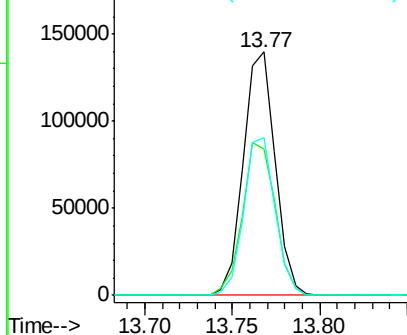
Tot Ion:	225	Resp:	176530
Ion Ratio		Lower	Upper
225	100		
223	64.8	30.3	90.9
227	64.1	31.1	93.2

Manual Integrations
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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

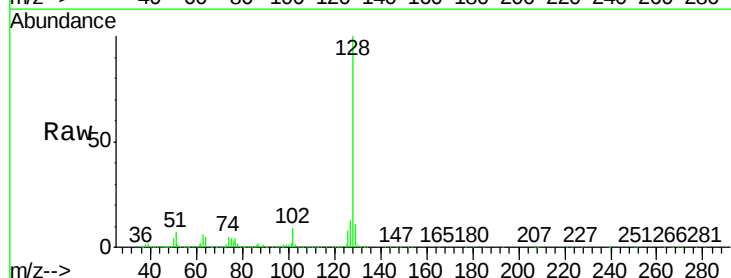
RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

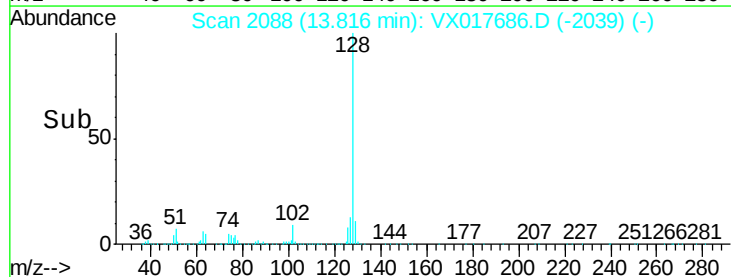
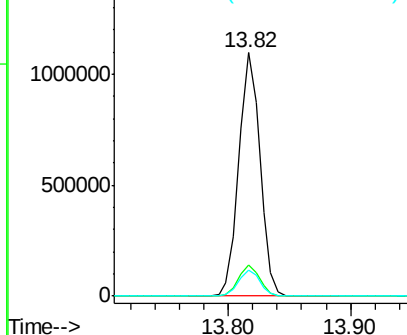
Lab File: VX017686.D

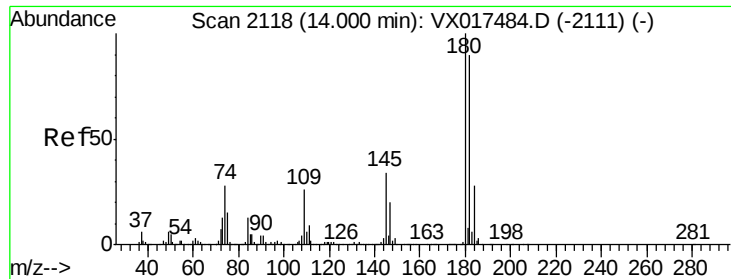
Acq: 30 Jul 2020 17:05

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	Resp	Lower	Upper
180	100	427713		
182	93.0		47.4	142.3
145	32.2		16.3	48.9

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:58:04 AM

