

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX073020\
 Data File : VX017685.D
 Acq On : 30 Jul 2020 16:42
 Operator : JC/SP
 Sample : L3514-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:58:01 AM

Quant Time: Jul 31 06:36:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

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

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	398426	40.450	ug/l	96
40) Benzene	6.12	78	1060380	43.835	ug/l	99
41) Methacrylonitrile	5.01	41	228807	43.238	ug/l	99
42) 1,2-Dichloroethane	6.17	62	432427	43.695	ug/l	100
43) Isopropyl Acetate	6.42	43	644099	42.285	ug/l	99
44) Trichloroethene	7.19	130	320015	45.267	ug/l	98
45) 1,2-Dichloropropane	7.49	63	279228	41.639	ug/l	96
46) Dibromomethane	7.64	93	202355	42.698	ug/l	99
47) Bromodichloromethane	7.88	83	433272	45.436	ug/l	99
48) Methyl methacrylate	7.74	41	329622	43.655	ug/l	98
49) 1,4-Dioxane	7.71	88	129793	896.594	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2055477	226.160	ug/l	100
52) Toluene	8.77	92	674934	43.506	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	462750	43.351	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	469692	43.138	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	283197	43.821	ug/l	99
56) Ethyl methacrylate	9.16	69	431984	44.367	ug/l	100
57) 1,3-Dichloropropane	9.35	76	472963	44.445	ug/l	100
59) 2-Hexanone	9.48	43	1582390	231.253	ug/l	98
60) Dibromochloromethane	9.57	129	365546	44.502	ug/l	99
61) 1,2-Dibromoethane	9.65	107	316651	46.022	ug/l	100
64) Tetrachloroethene	9.32	164	315925	40.745	ug/l	95
65) Chlorobenzene	10.12	112	800153	42.791	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	316790	41.977	ug/l	99
67) Ethyl Benzene	10.24	91	1337379	42.845	ug/l	99
68) m/p-Xylenes	10.34	106	1031728	85.321	ug/l	96
69) o-Xylene	10.68	106	494649	42.532	ug/l	100
70) Stvrene	10.70	104	866873	43.809	ug/l	99
71) Bromoform	10.84	173	272122	41.619	ug/l #	96
73) Isopropylbenzene	11.00	105	1346702	42.487	ug/l	99
74) N-amyl acetate	10.88	43	563269	39.996	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	395255	39.950	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	378336m	39.806	ug/l	
77) Bromobenzene	11.24	156	355328	40.043	ug/l	100
78) n-propylbenzene	11.34	91	1523733	42.623	ug/l	99
79) 2-Chlorotoluene	11.40	91	917568	41.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1138563	42.071	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	149510	39.637	ug/l	98
82) 4-Chlorotoluene	11.49	91	1077581	41.251	ug/l	100
83) tert-Butylbenzene	11.76	119	1083121	41.826	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1178658	43.788	ug/l	100
85) sec-Butylbenzene	11.93	105	1260438	41.783	ug/l	100
86) p-Isopropyltoluene	12.05	119	1213947	42.257	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	630784	41.395	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	657502	41.656	ug/l	99
89) n-Butylbenzene	12.37	91	1048548	40.962	ug/l	98
90) Hexachloroethane	12.58	117	229607	40.540	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	614396	41.024	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106256	38.596	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	450682	44.092	ug/l	99

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ClientSampleId :
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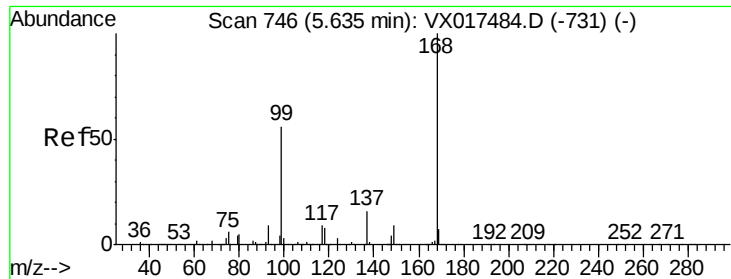
Manual Integrations
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Quant Time: Jul 31 06:36:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

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

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



#1

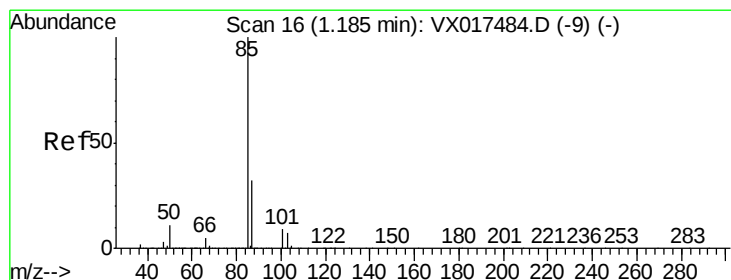
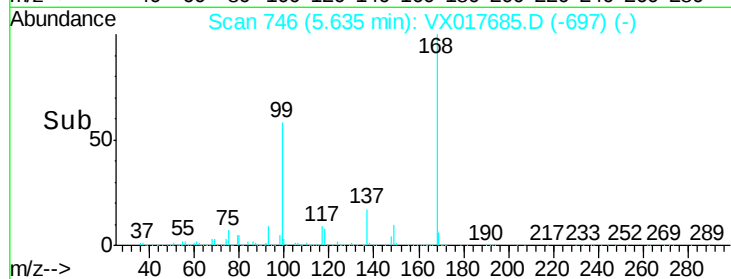
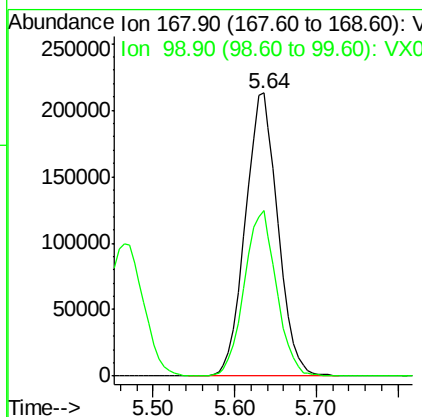
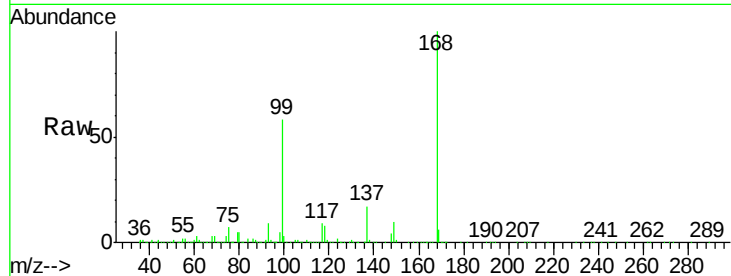
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Instrument :
 MSVOA_X
 ClientSampled :
 PK-10DMS

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.2	43.4	65.2

Manual Integrations
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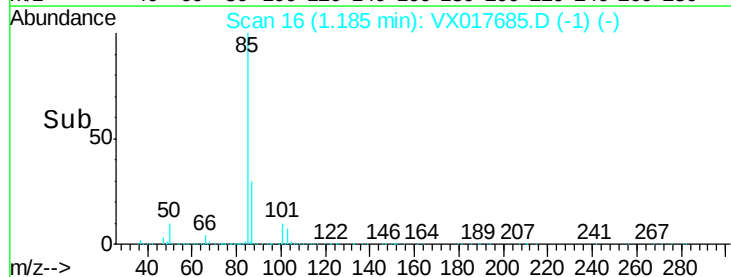
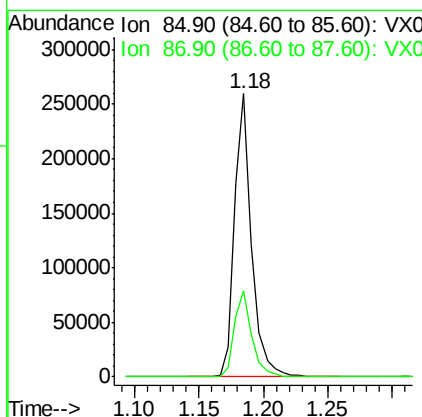
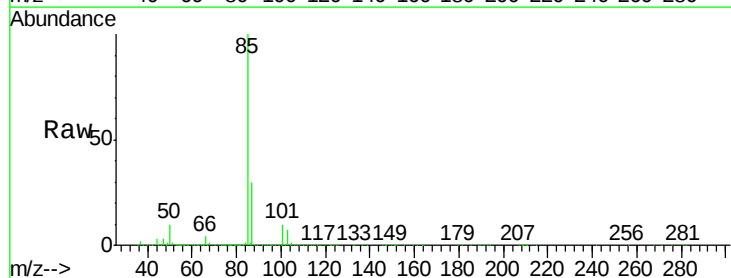
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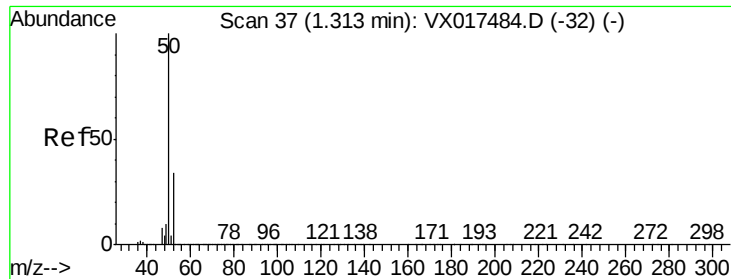


#2

Dichlorodifluoromethane
 Concen: 43.578 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.3	16.1	48.3





#3

Chloromethane

Concen: 38.684 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

Tot Ion: 50 Resp: 281632

Ion Ratio Lower Upper

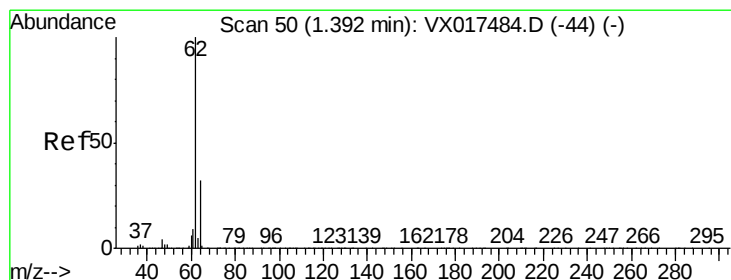
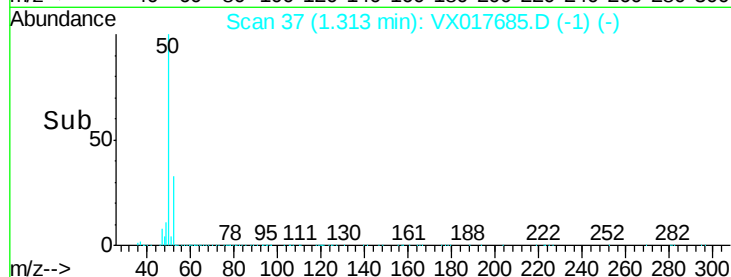
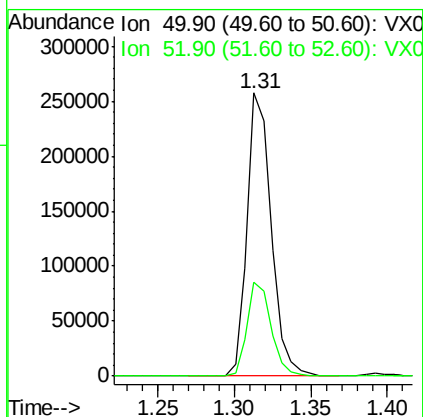
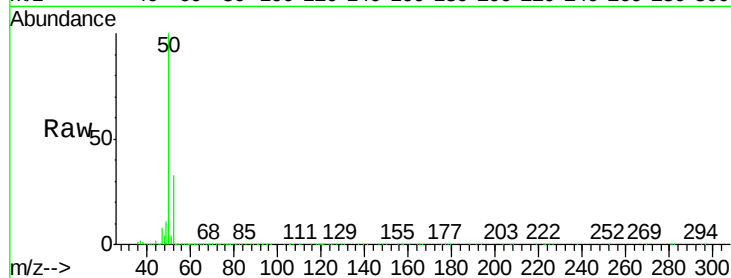
50 100

52 32.9 25.9 38.9

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#4

Vinyl Chloride

Concen: 38.752 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017685.D

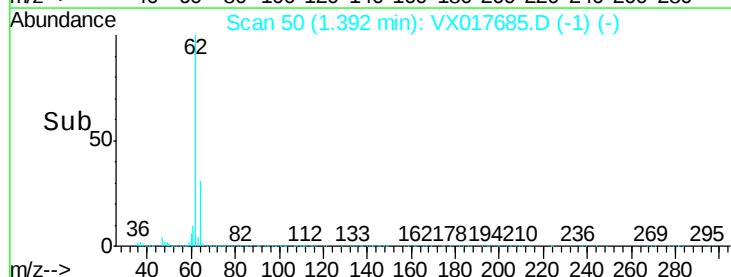
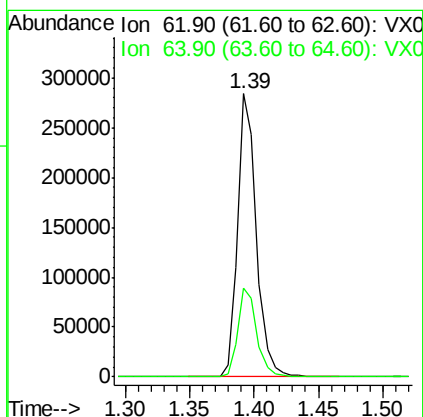
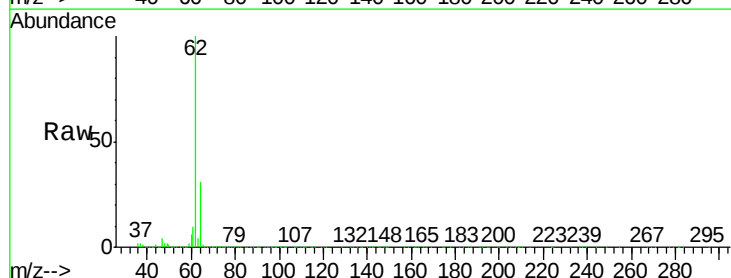
Acq: 30 Jul 2020 16:42

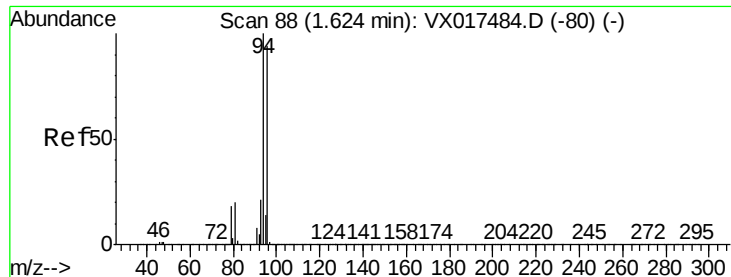
Tgt Ion: 62 Resp: 287841

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 42.864 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

Tot Ion: 94 Resp: 172864

Ion Ratio Lower Upper

94 100

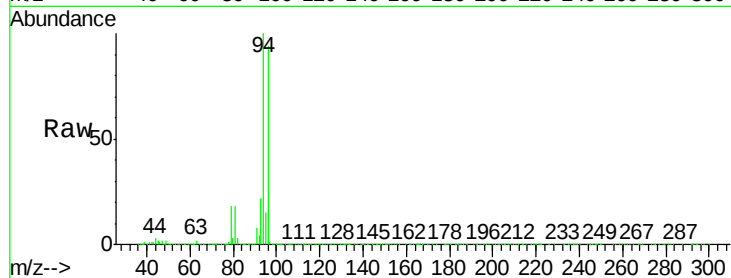
96 93.6 74.1 111.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

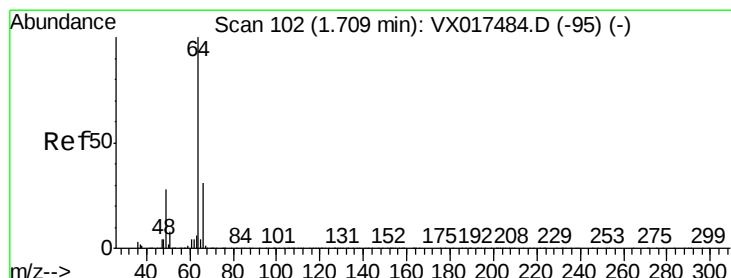
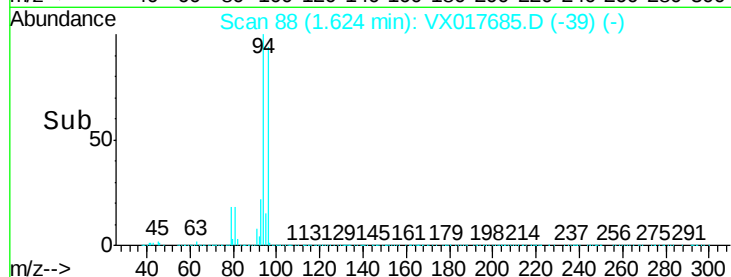
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 43.258 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017685.D

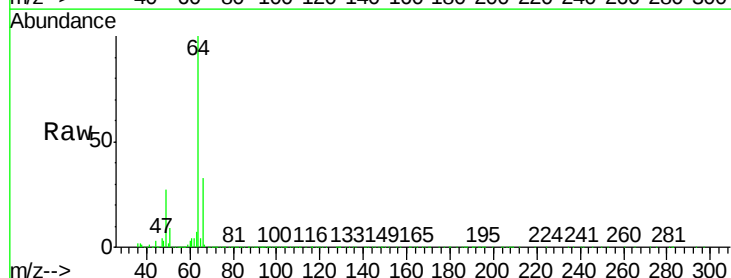
Acq: 30 Jul 2020 16:42

Tgt Ion: 64 Resp: 177602

Ion Ratio Lower Upper

64 100

66 32.9 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

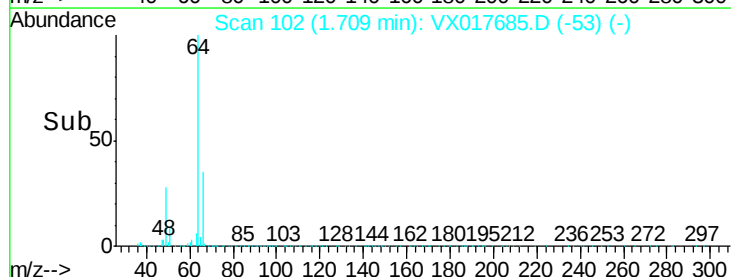
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50000

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Time-->





#7

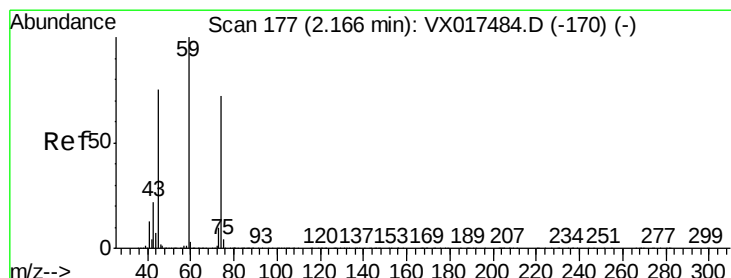
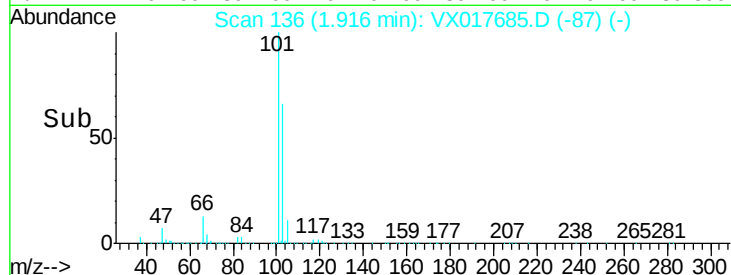
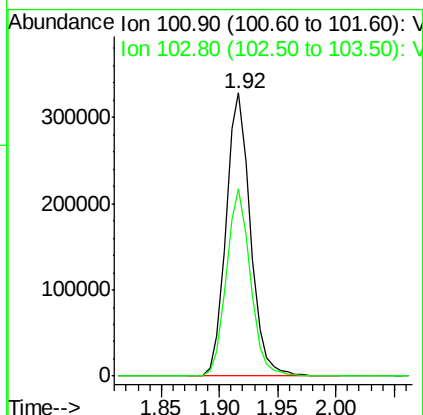
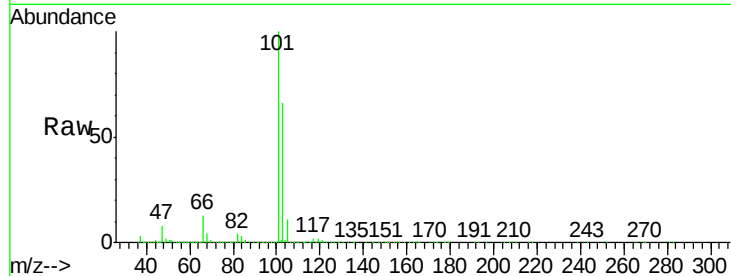
Trichlorofluoromethane
Concen: 40.679 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
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ClientSampleId :
PK-10DMS

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

Manual Integrations
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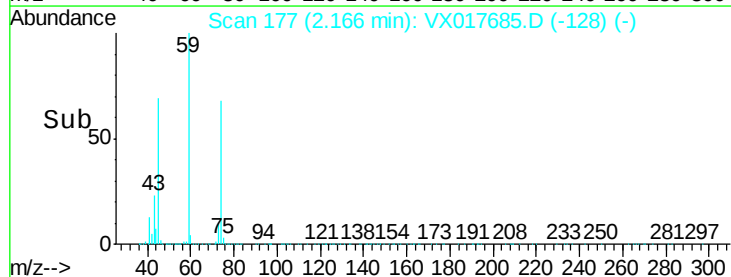
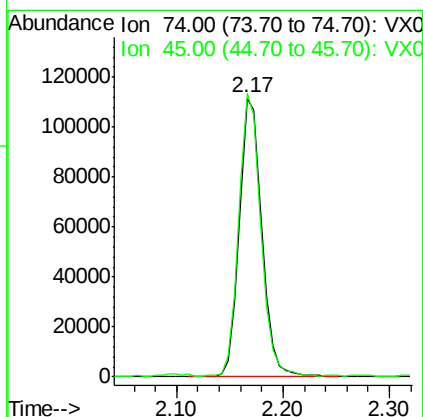
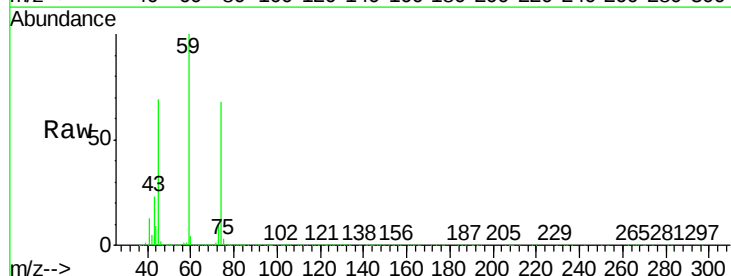
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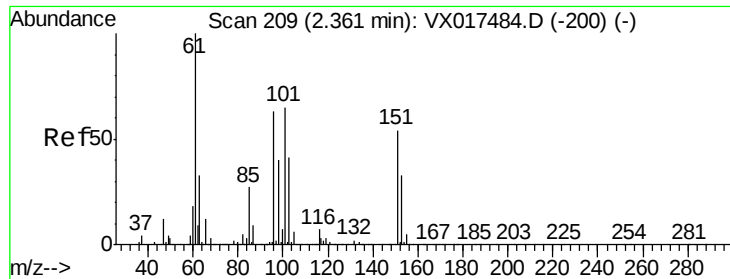


#8

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

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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 39.421 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

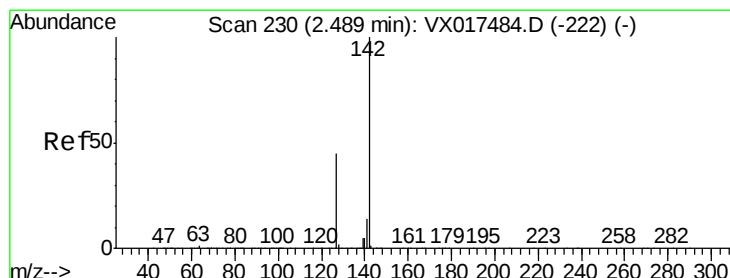
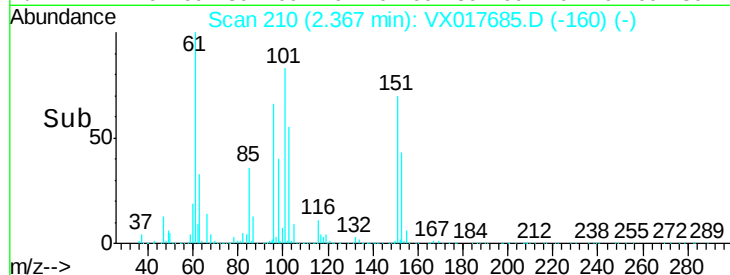
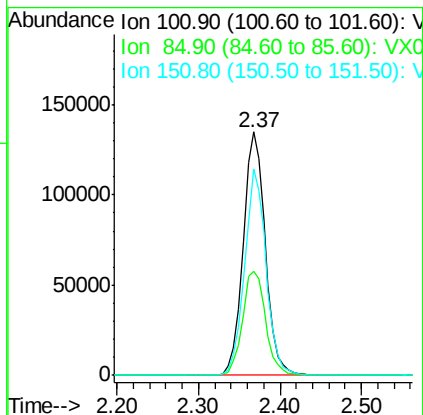
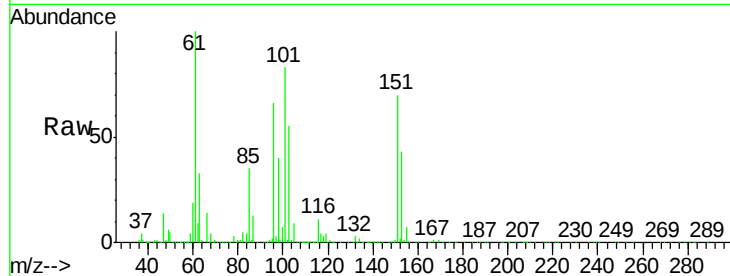
ClientSampleId :

PK-10DMS

Tot Ion:	101	Resp:	252736
Ion Ratio	Lower	Upper	
101	100		
85	44.9	34.8	52.2
151	82.7	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 35.735 ug/l

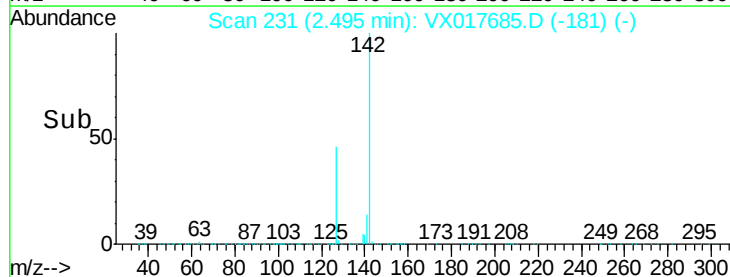
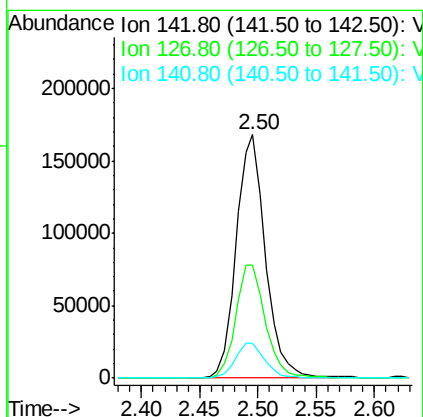
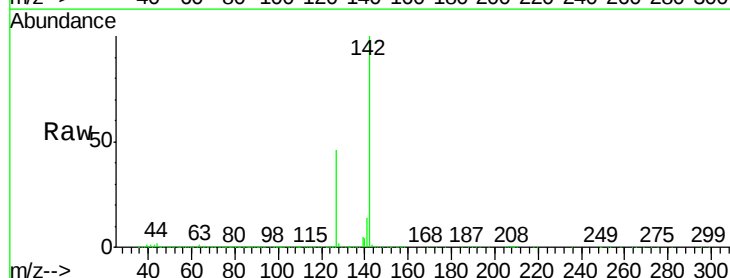
RT: 2.50 min Scan# 231

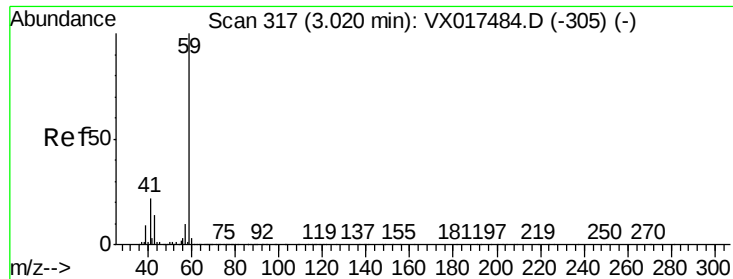
Delta R.T. 0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Tgt Ion:	142	Resp:	293108
Ion Ratio	Lower	Upper	
142	100		
127	47.4	35.9	53.9
141	14.6	11.4	17.0





#11

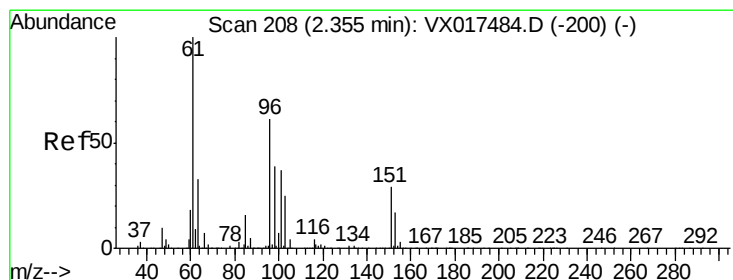
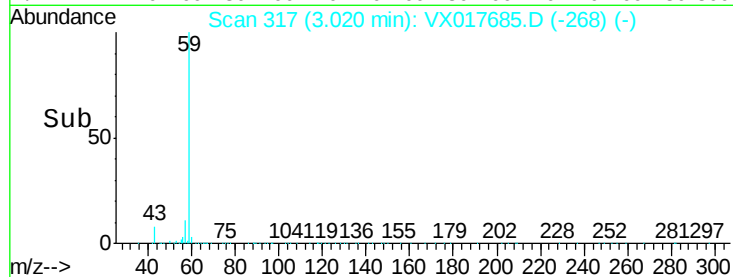
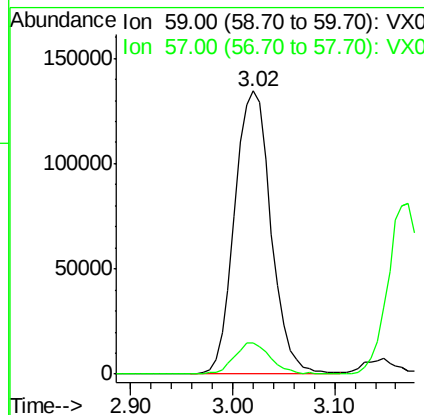
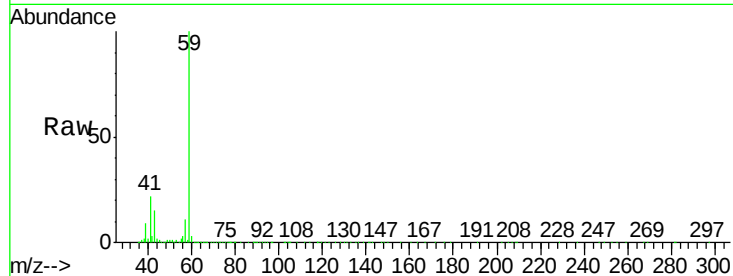
Tert butyl alcohol
Concen: 207.613 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampled :
PK-10DMS

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.6	12.8

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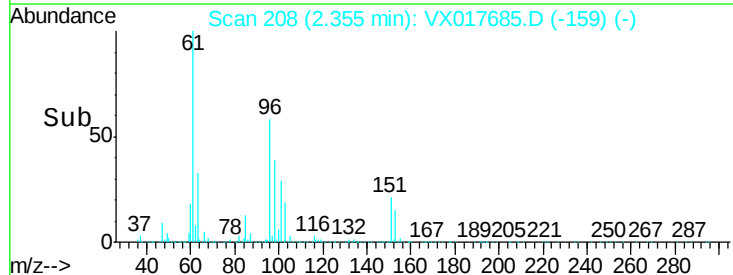
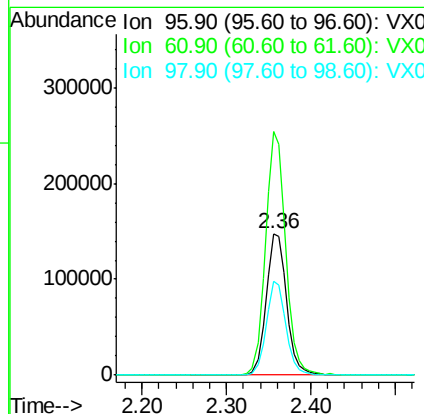
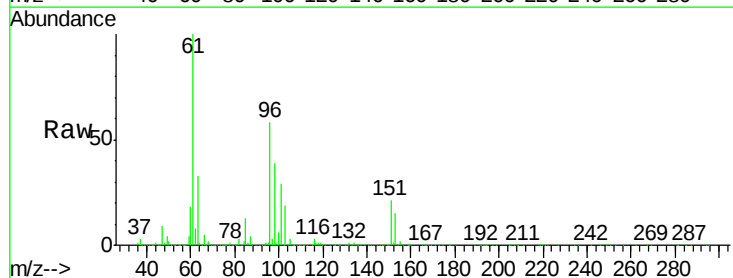
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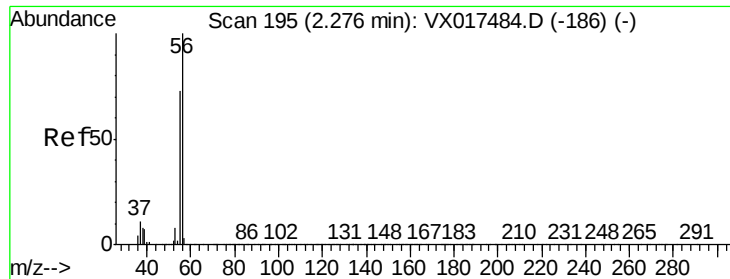


#12

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

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





#13

Acrolein

Concen: 233.226 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

Tot Ion: 56 Resp: 284204

Ion Ratio Lower Upper

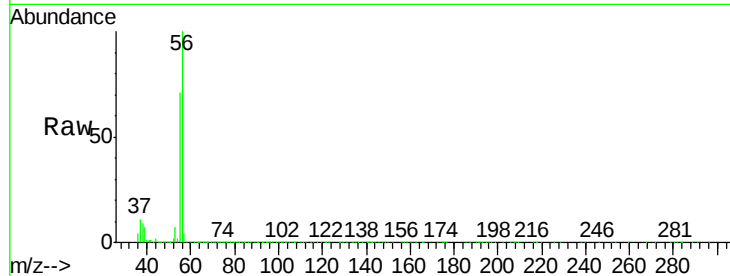
56 100

55 71.5 57.4 86.2

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

200000

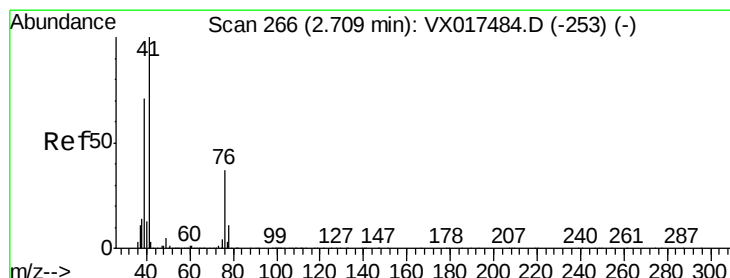
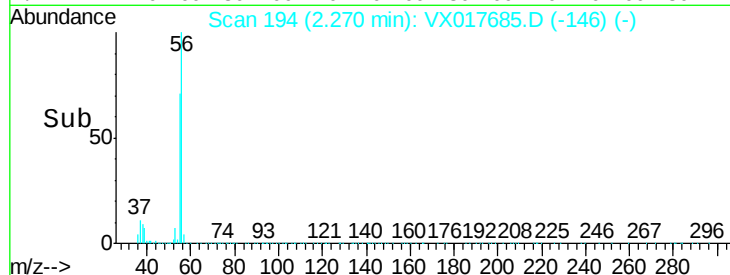
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 42.784 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

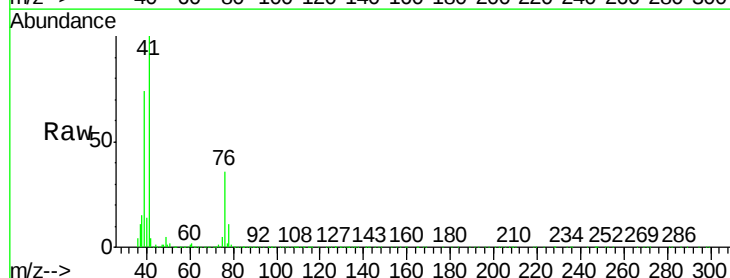
Tgt Ion: 41 Resp: 476295

Ion Ratio Lower Upper

41 100

39 67.7 51.9 77.9

76 31.4 25.5 38.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

500000

400000

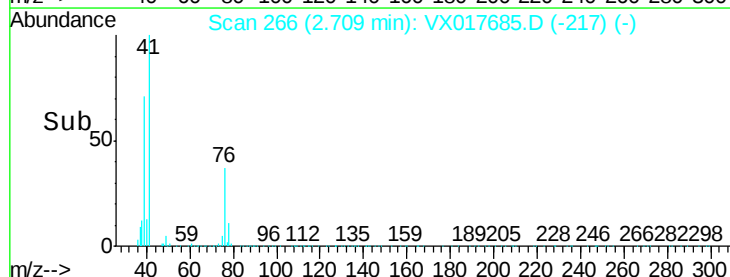
300000

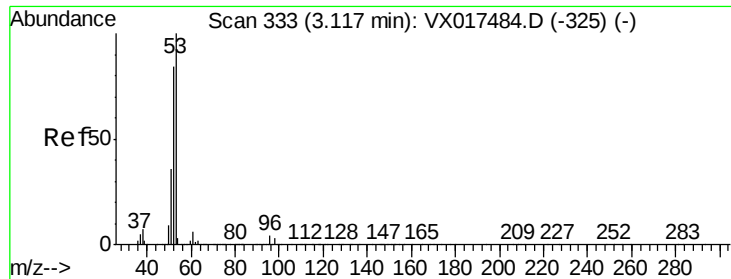
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 211.702 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

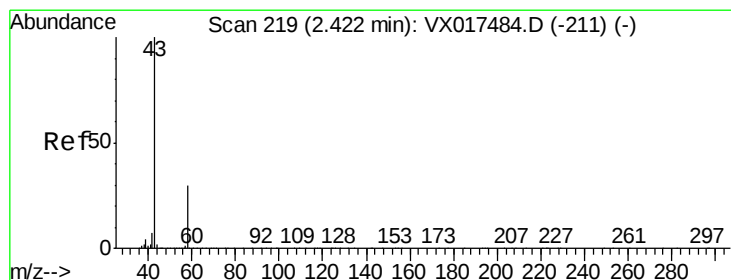
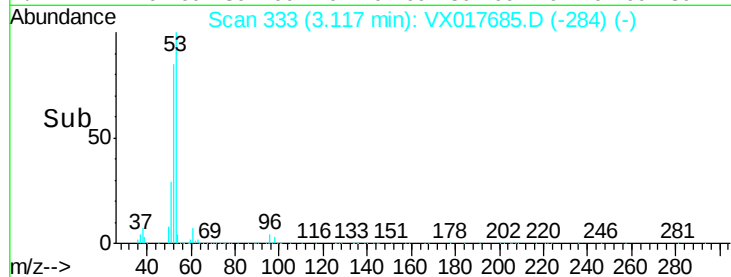
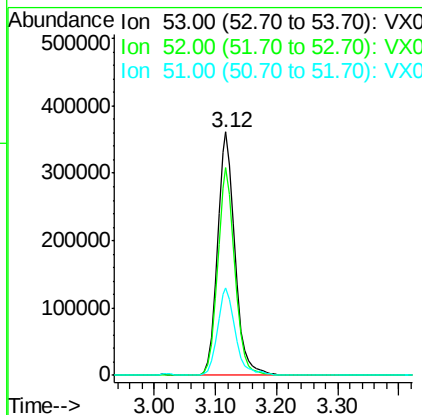
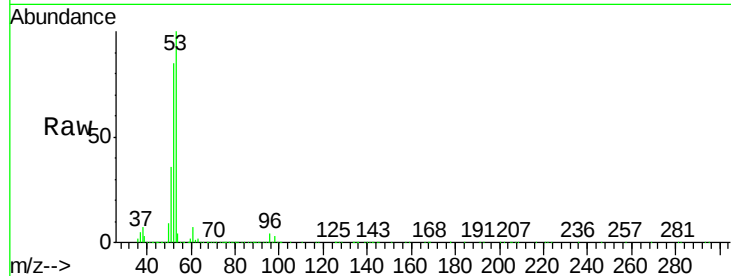
ClientSampleId :

PK-10DMS

Tot Ion:	53	Resp:	730691
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.6	99.8
51	36.6	29.4	44.2

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#16

Acetone

Concen: 209.778 ug/l

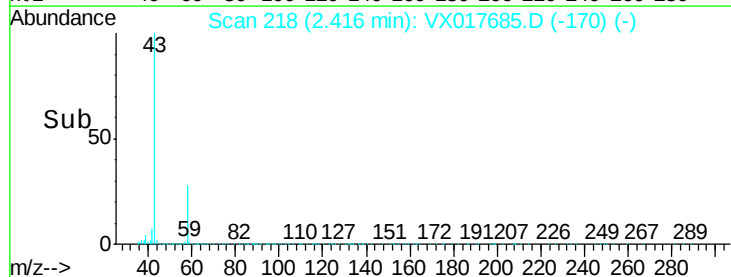
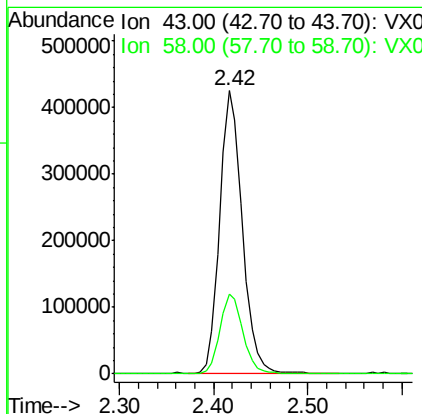
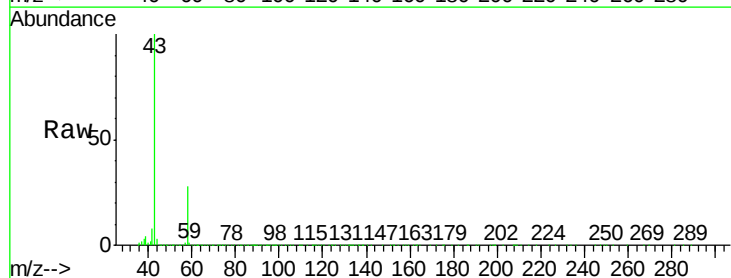
RT: 2.42 min Scan# 218

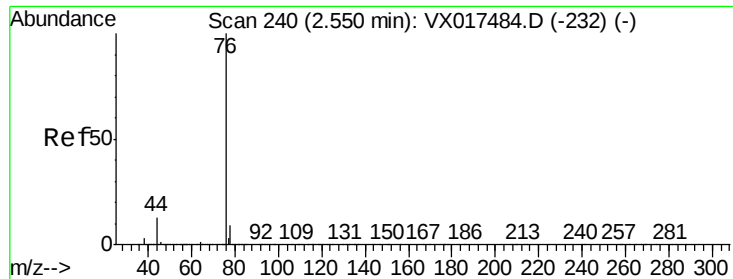
Delta R.T. -0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Tgt Ion:	43	Resp:	700066
Ion Ratio	Lower	Upper	
43	100		
58	28.1	24.2	36.4





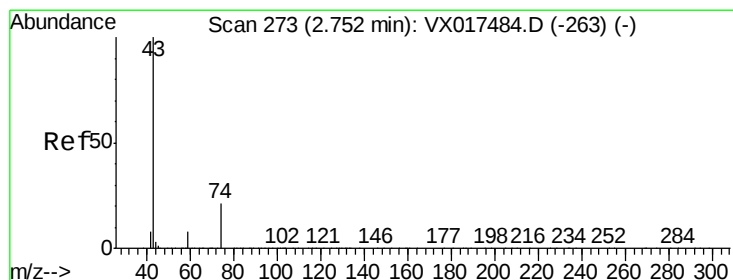
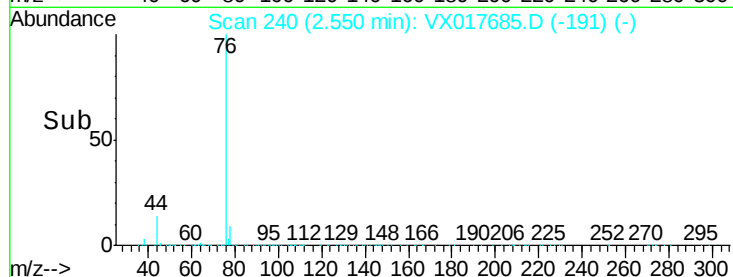
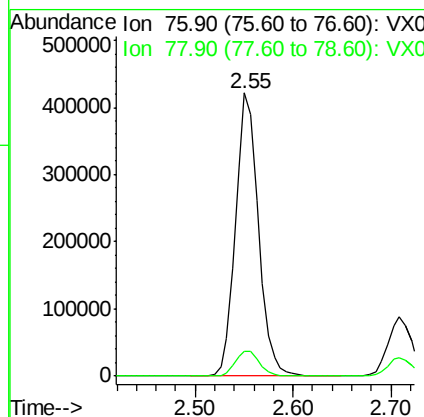
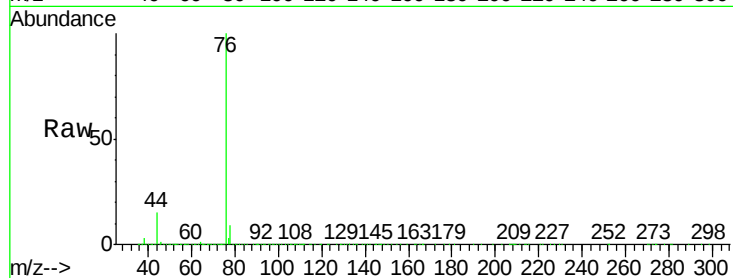
#17
Carbon Disulfide
Concen: 36.993 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.5	11.3

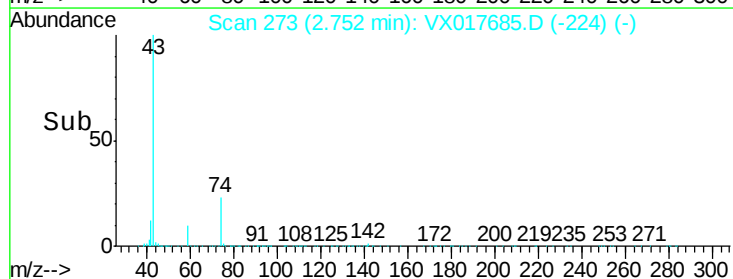
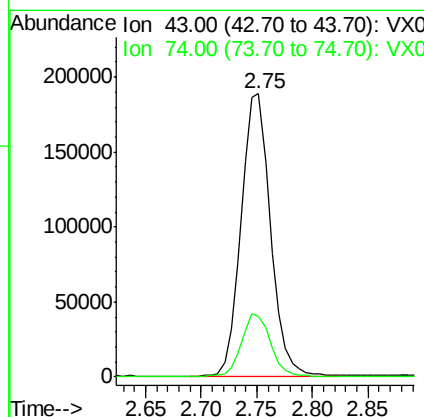
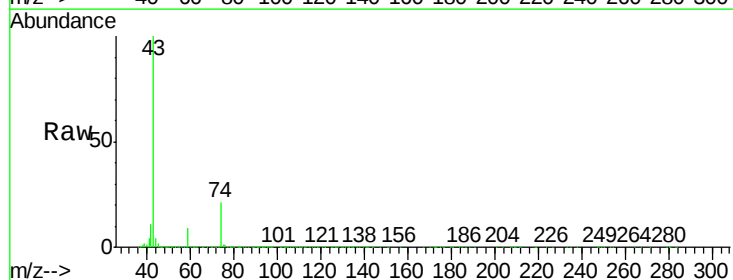
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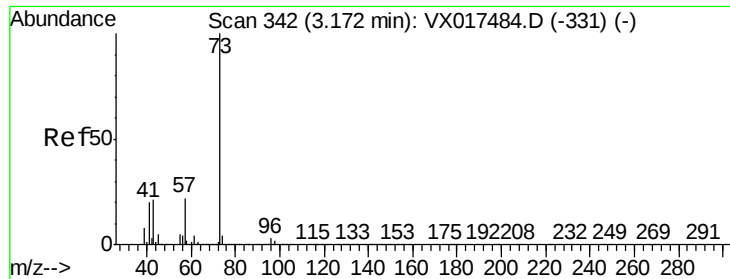
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#18
Methyl Acetate
Concen: 43.971 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.5	26.3





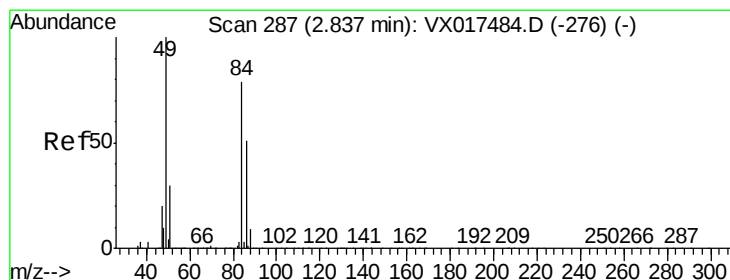
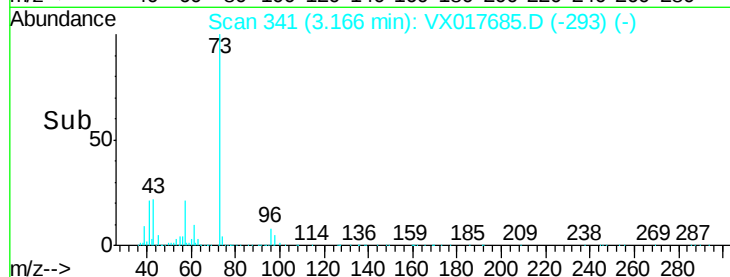
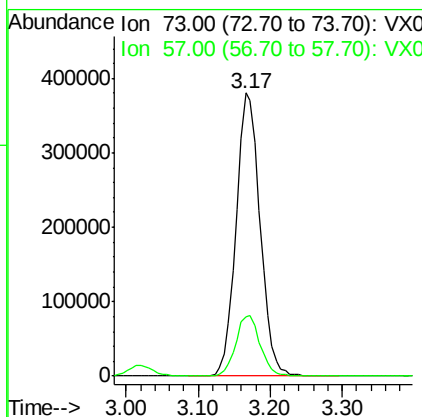
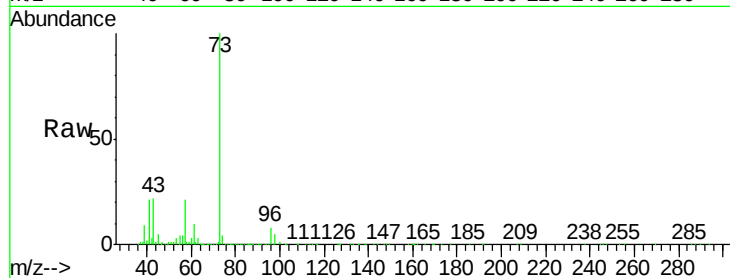
#19
Methyl tert-butyl Ether
Concen: 41.578 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.0	25.4

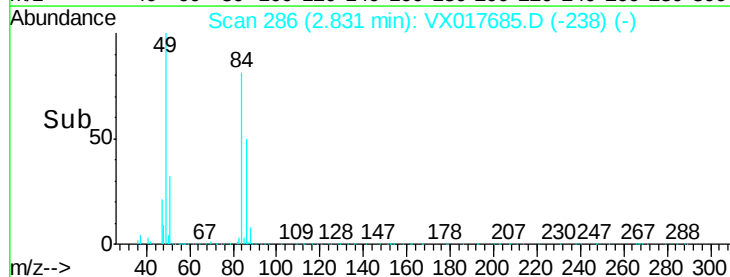
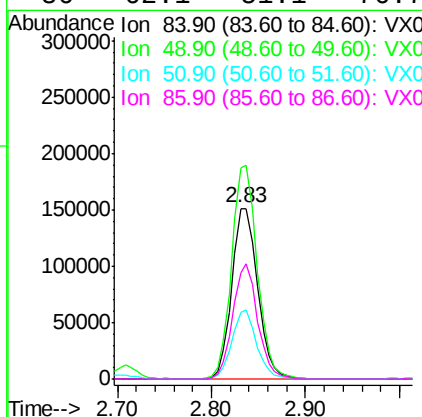
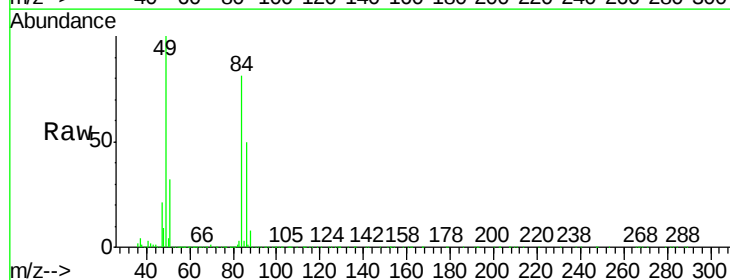
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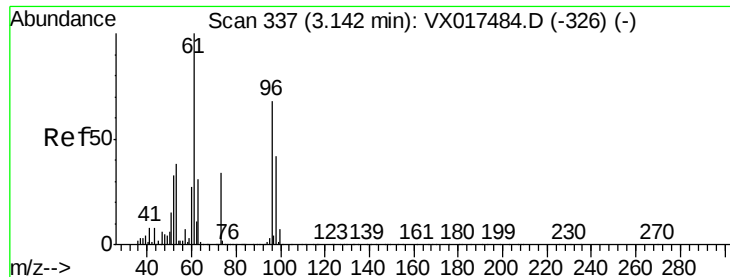
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#20
Methylene Chloride
Concen: 46.097 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

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





#21

trans-1,2-Dichloroethene

Concen: 40.868 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

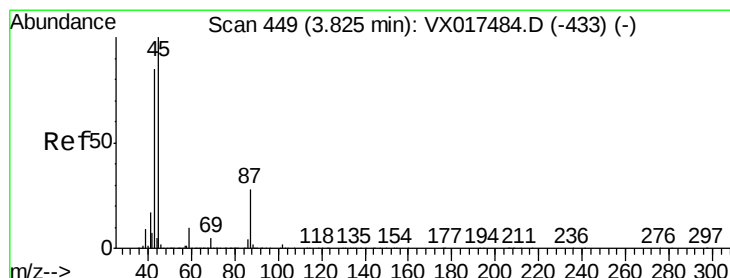
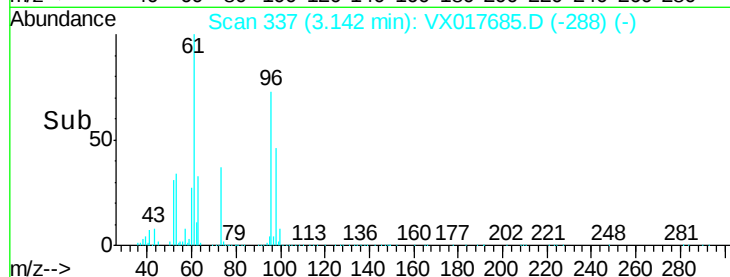
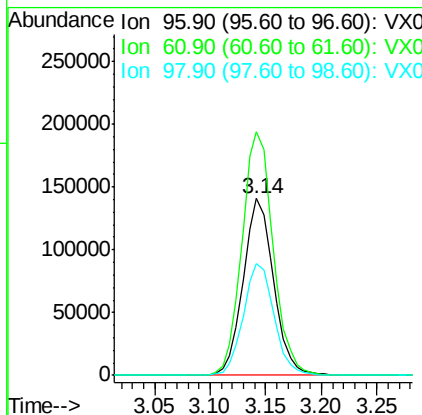
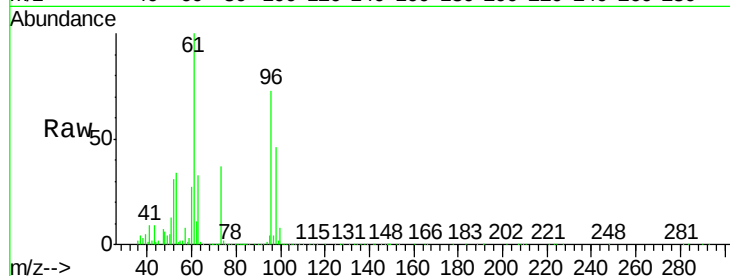
ClientSampled :

PK-10DMS

Tot Ion:	96	Resp:	266927
Ion Ratio	Lower	Upper	
96	100		
61	137.8	113.0	169.4
98	63.3	51.8	77.8

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#22

Diisopropyl ether

Concen: 42.414 ug/l

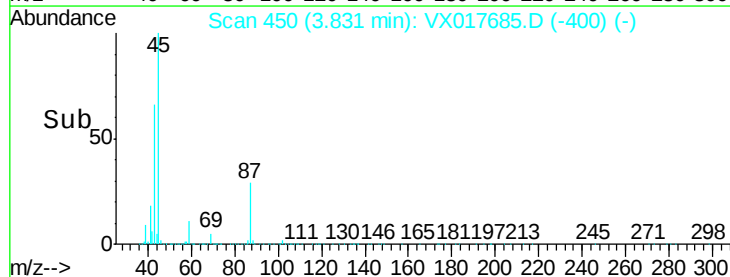
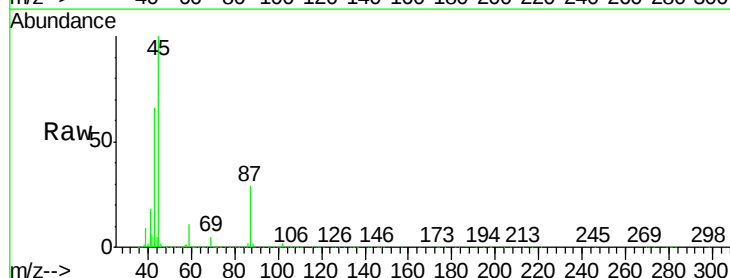
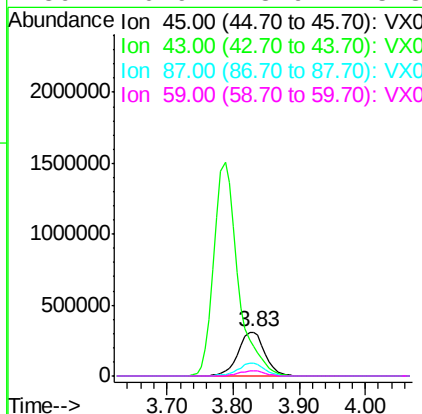
RT: 3.83 min Scan# 450

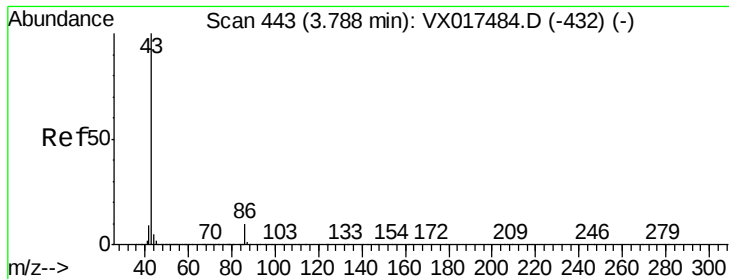
Delta R.T. 0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Tgt Ion:	45	Resp:	863363
Ion Ratio	Lower	Upper	
45	100		
43	66.0	52.0	78.0
87	29.4	22.2	33.4
59	10.9	8.9	13.3





#23

Vinyl Acetate

Concen: 210.316 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

Tot Ion: 43 Resp: 3817105

Ion Ratio Lower Upper

43 100

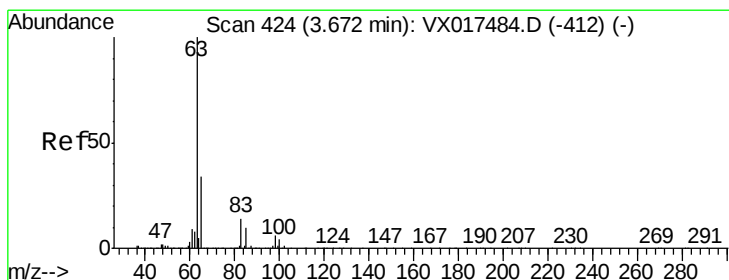
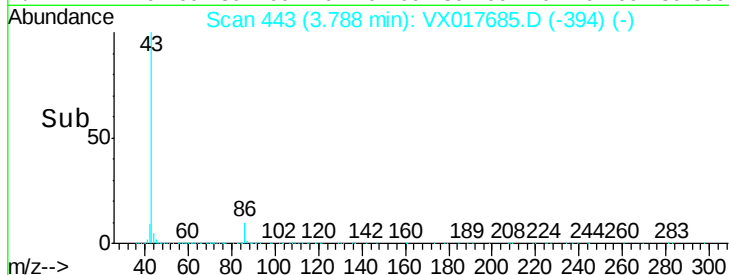
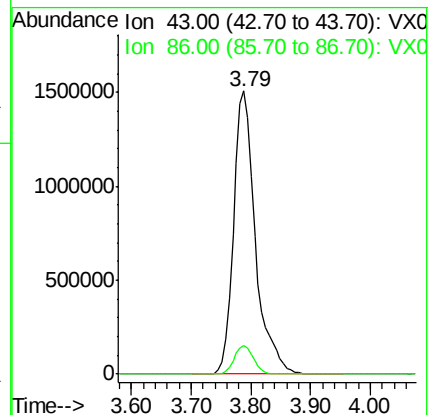
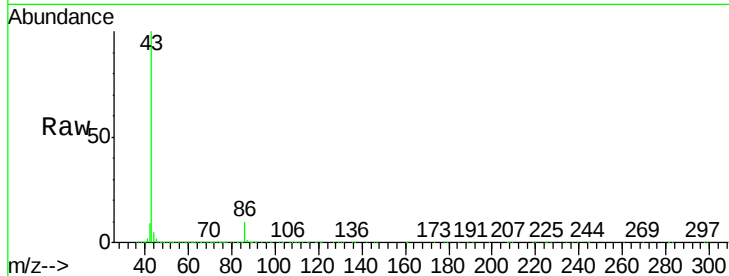
86 10.2 8.2 12.4

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#24

1,1-Dichloroethane

Concen: 42.359 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

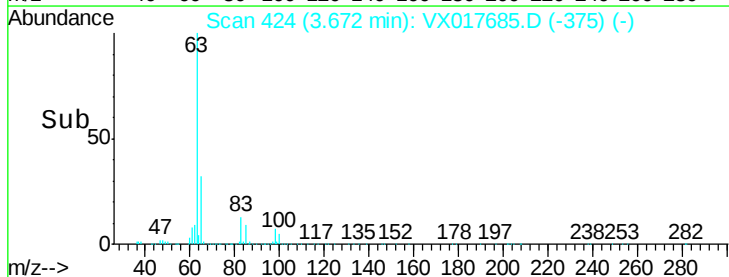
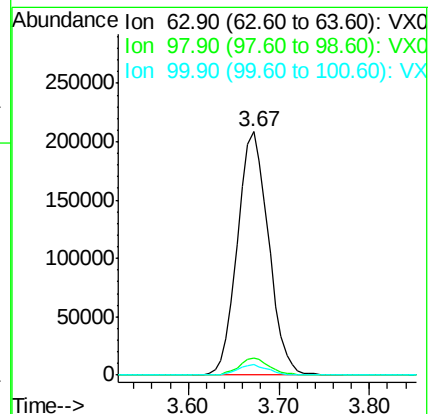
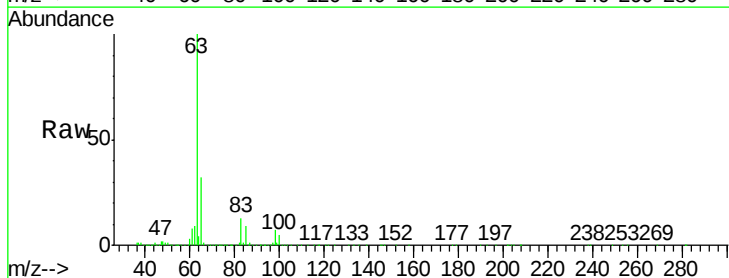
Tgt Ion: 63 Resp: 496693

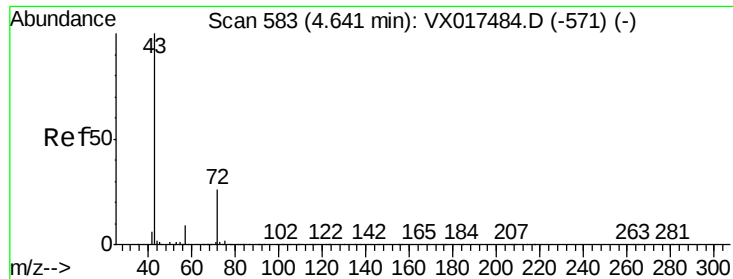
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.6 1.9 5.7





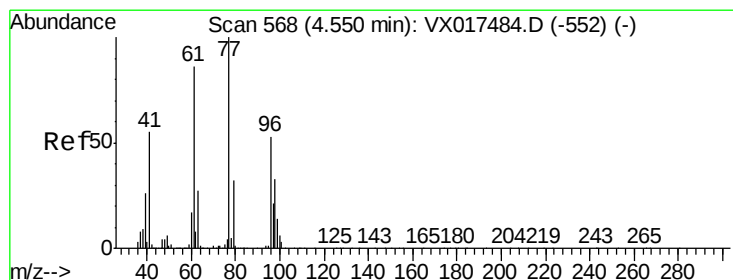
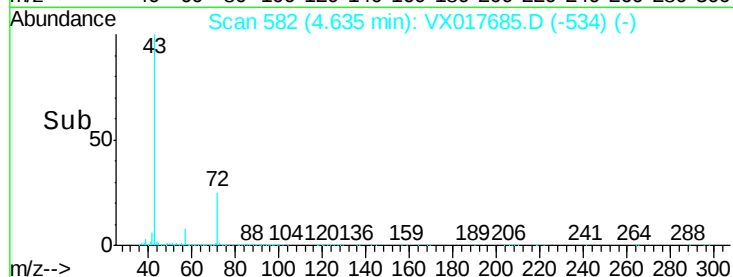
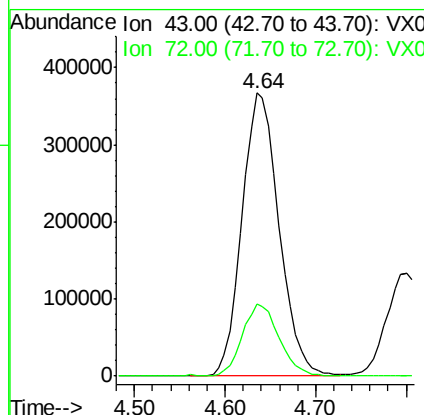
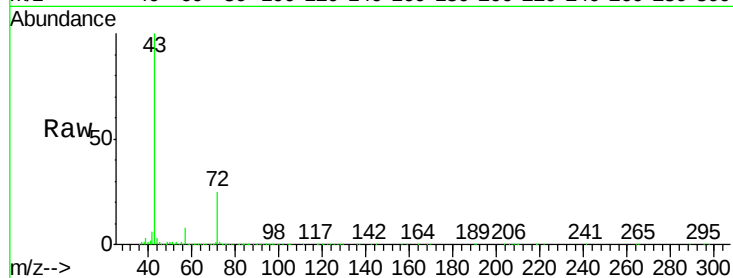
#25
2-Butanone
Concen: 218.775 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

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

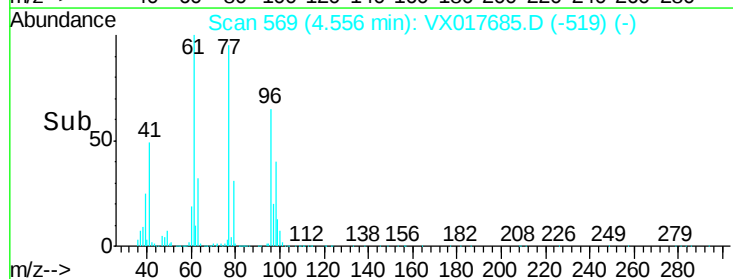
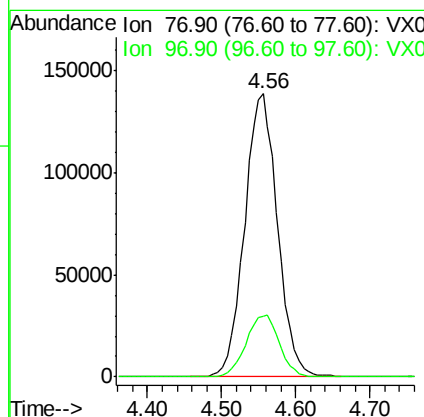
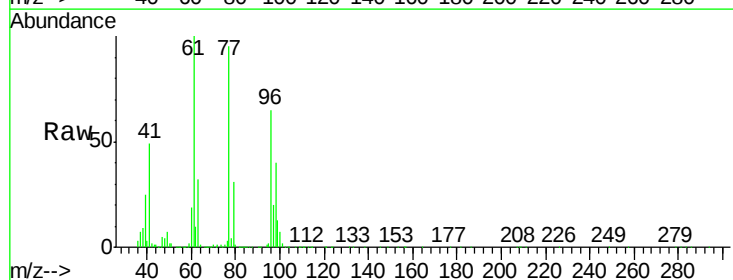
Manual Integrations
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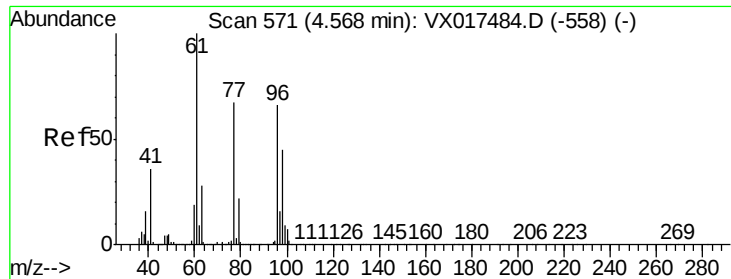
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#26
2,2-Dichloropropane
Concen: 40.668 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

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





#27

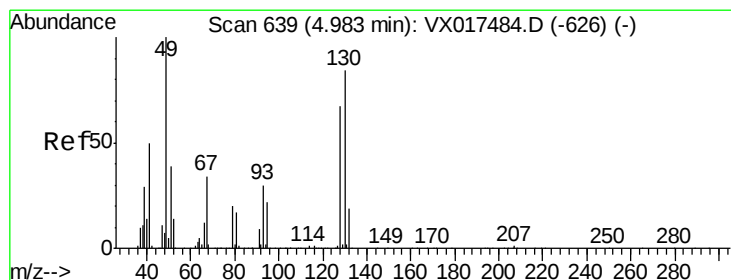
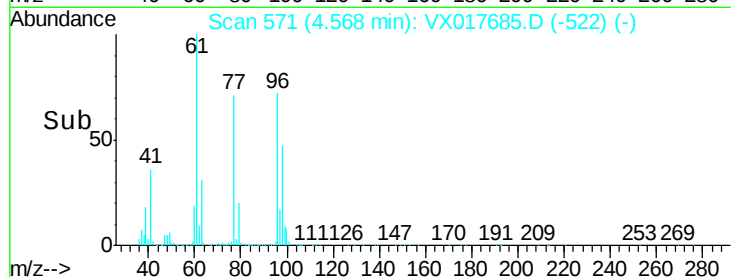
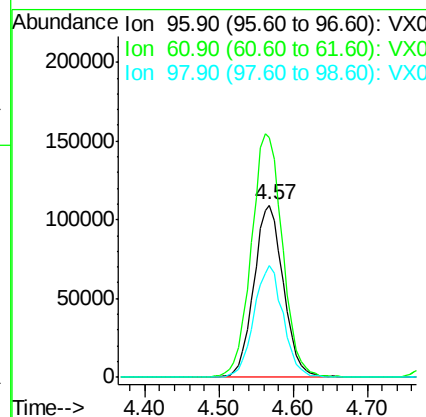
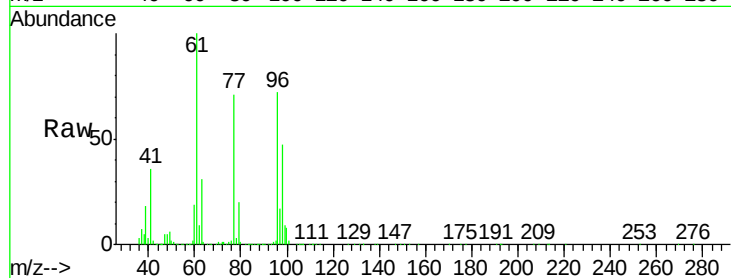
cis-1,2-Dichloroethene
Concen: 42.885 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	304233		
61	148.2	0.0	301.2	
98	64.0	0.0	130.0	

Manual Integrations
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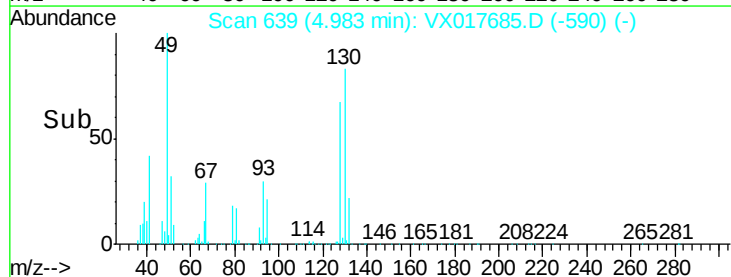
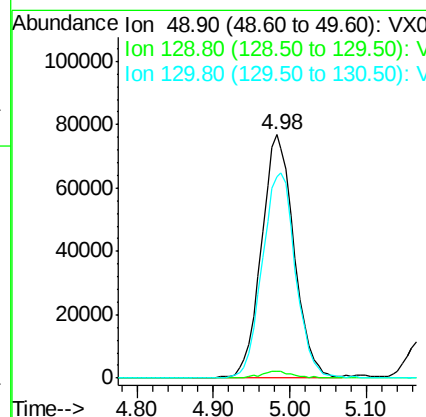
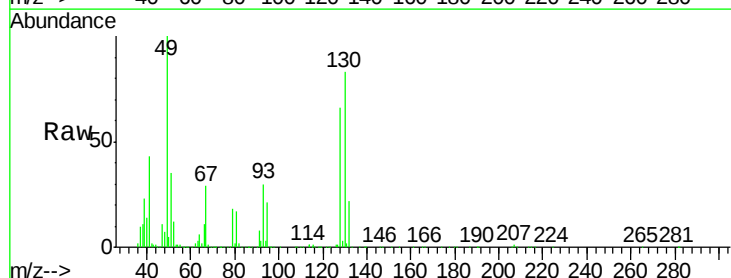
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7/31/2020 11:58:01 AM

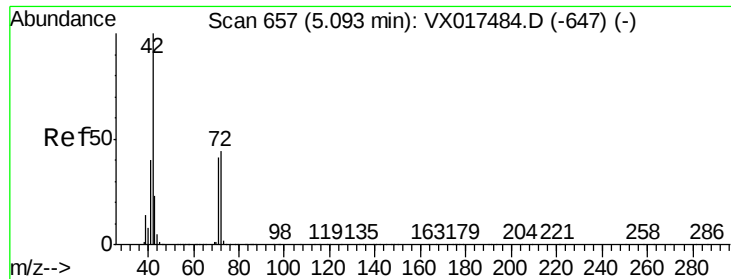


#28

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

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	227441		
129	2.7	0.0	4.6	
130	86.3	66.7	100.1	





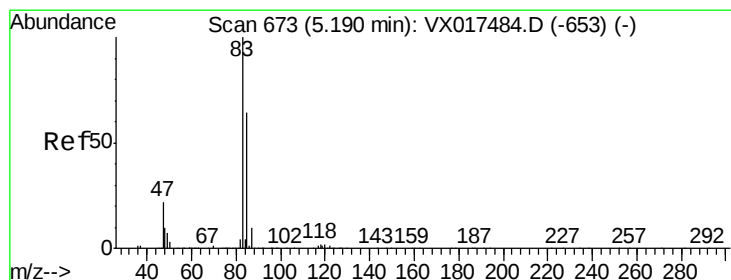
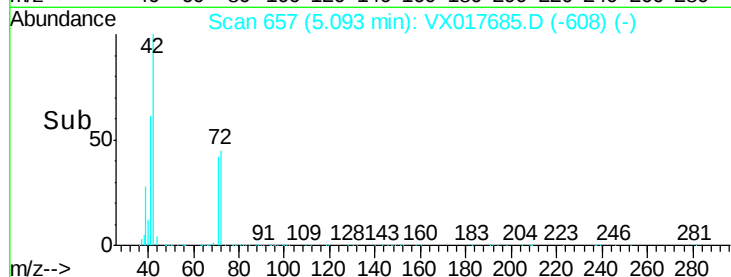
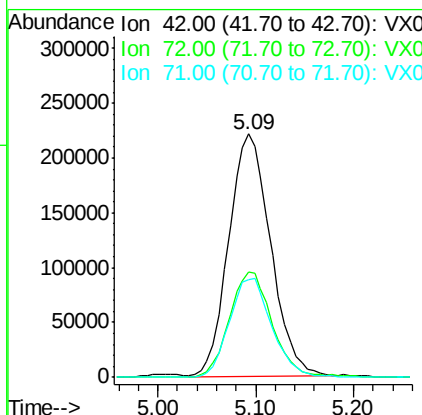
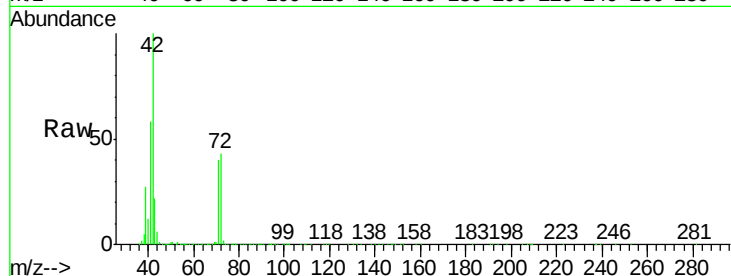
#29
Tetrahydrofuran
Concen: 223.655 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.5	53.3
71	41.5	33.0	49.4

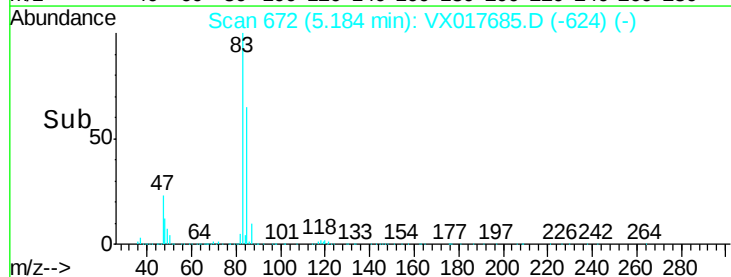
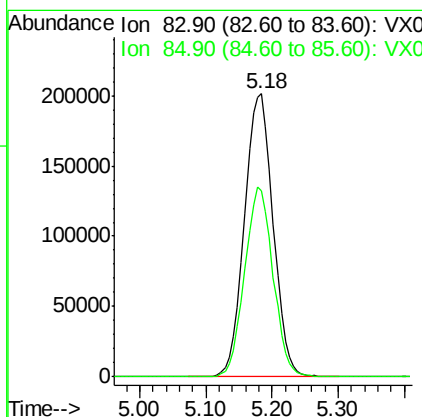
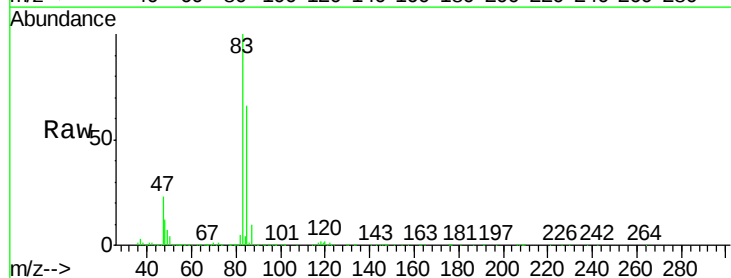
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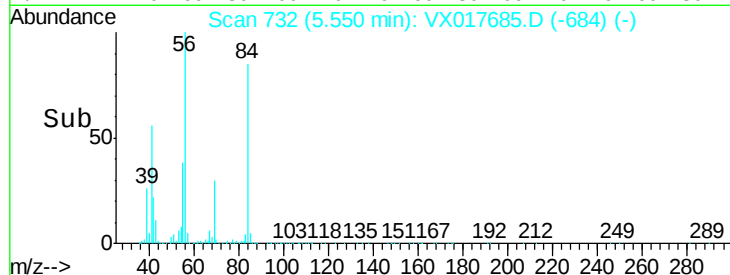
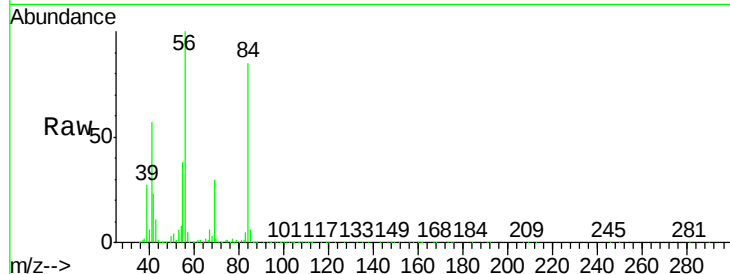
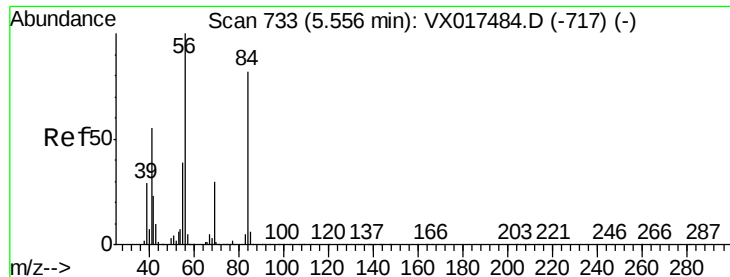
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7/31/2020 11:58:01 AM



#30
Chloroform
Concen: 50.759 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.4	77.2





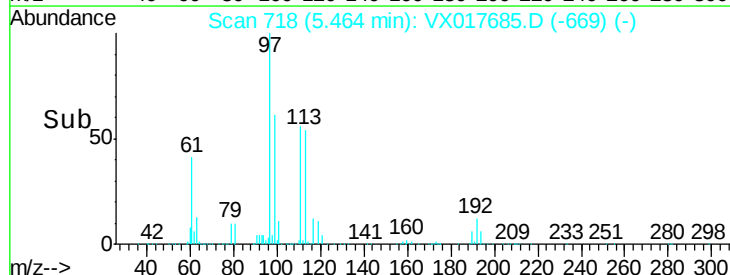
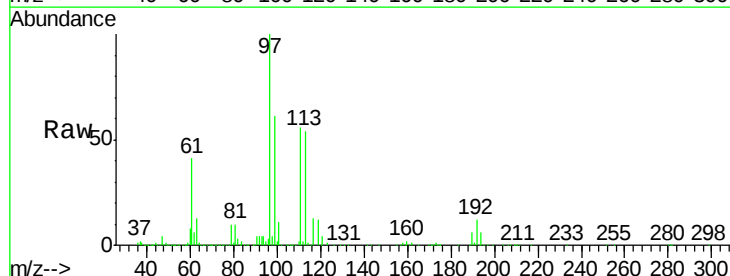
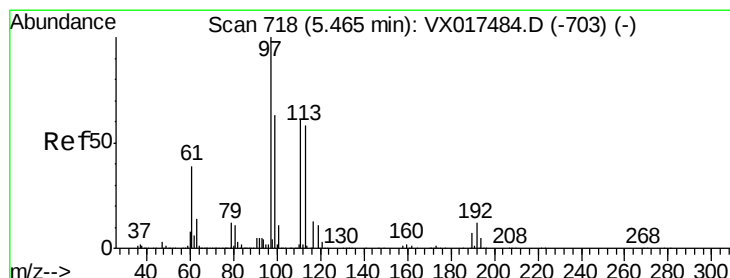
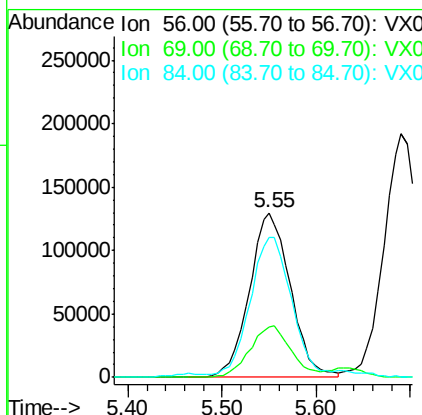
#31
Cyclohexane
Concen: 42.147 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

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

Instrument :
MSVOA_X
ClientSampled :
PK-10DMS

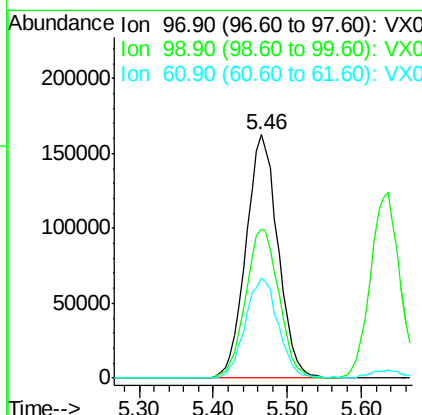
Manual Integrations
APPROVED

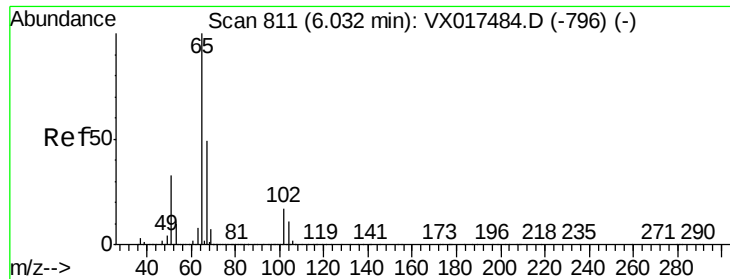
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#32
1,1,1-Trichloroethane
Concen: 43.389 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

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





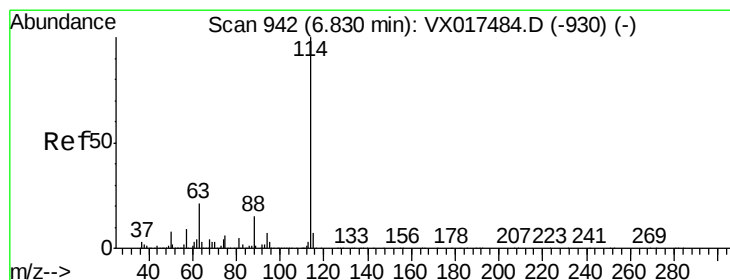
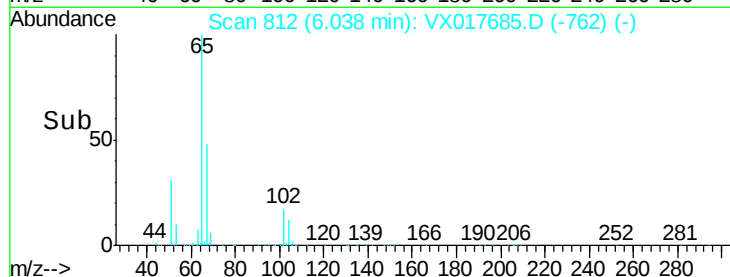
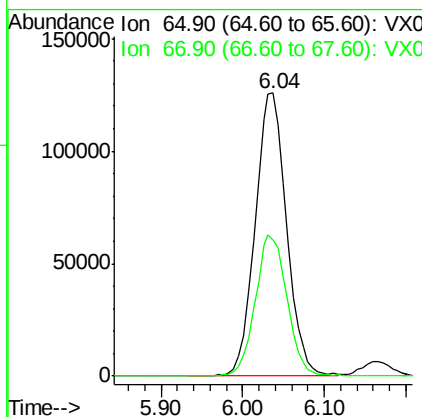
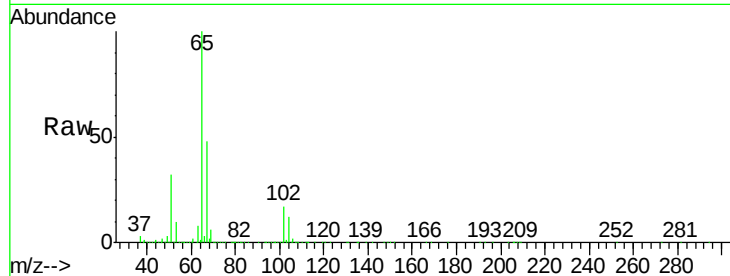
#33
 1,2-Dichloroethane-d4
 Concen: 44.510 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

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

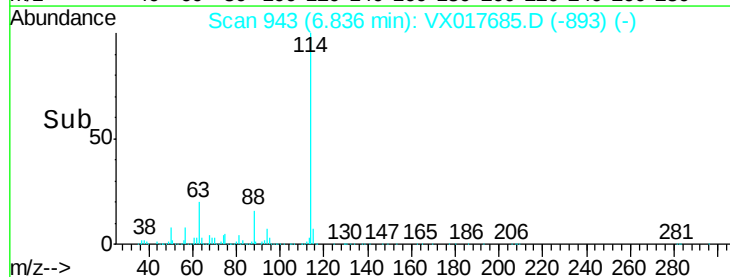
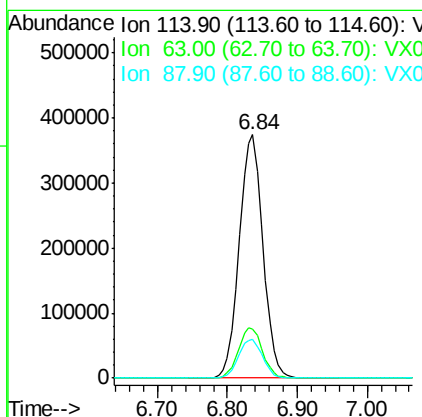
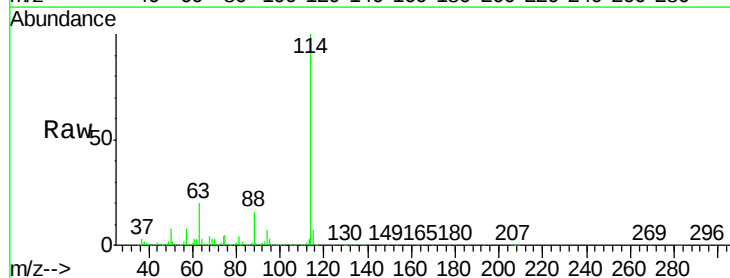
Manual Integrations
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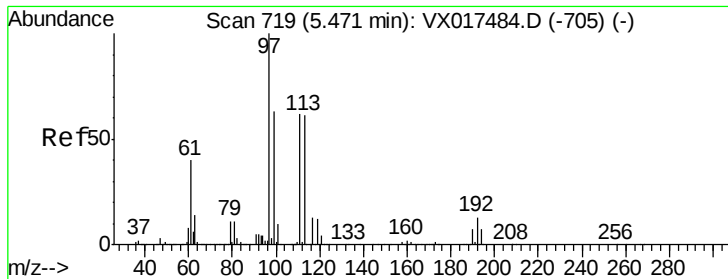
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

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





#35

Dibromofluoromethane

Concen: 44.510 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

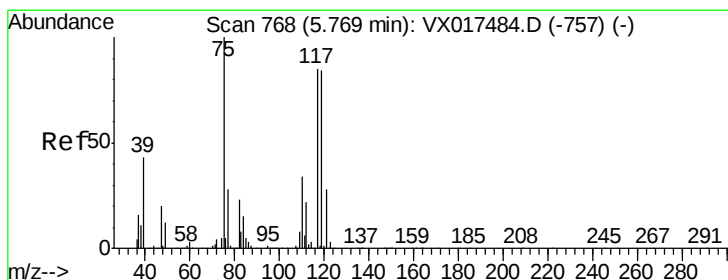
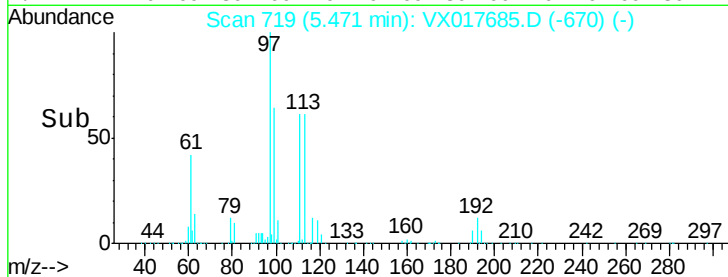
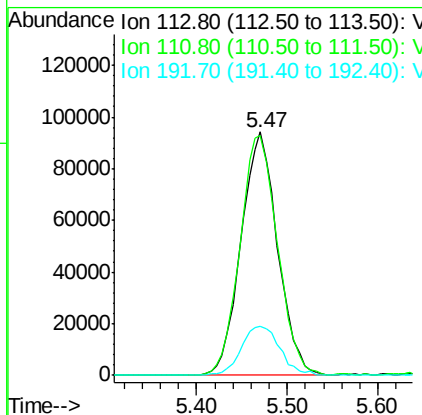
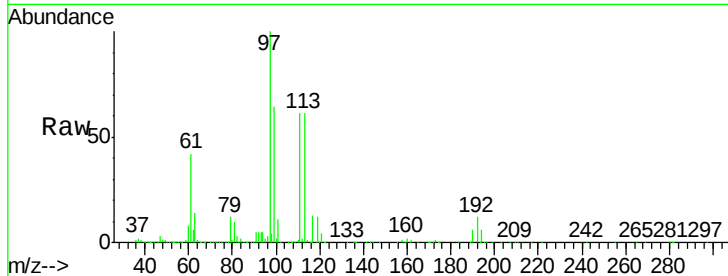
ClientSampleId :

PK-10DMS

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

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 43.351 ug/l

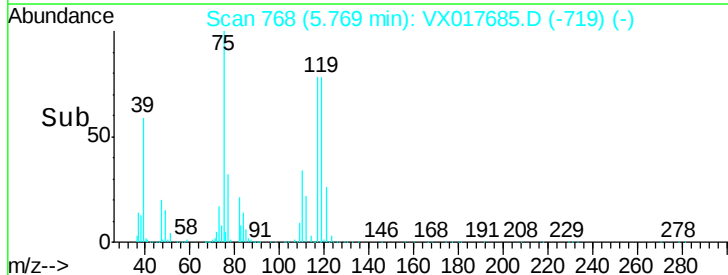
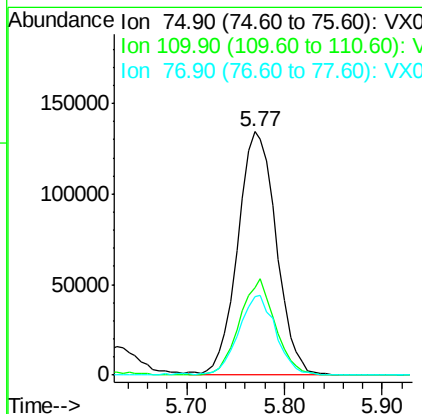
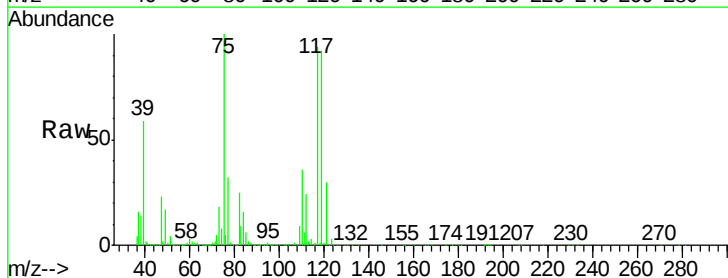
RT: 5.77 min Scan# 768

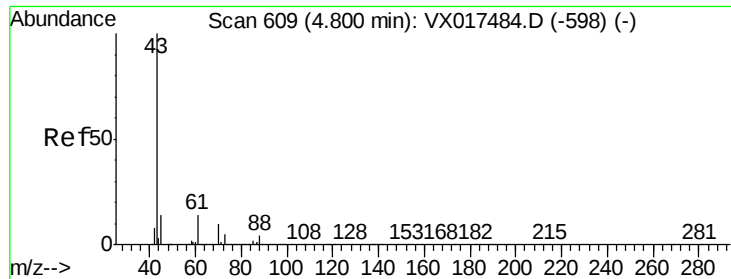
Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

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





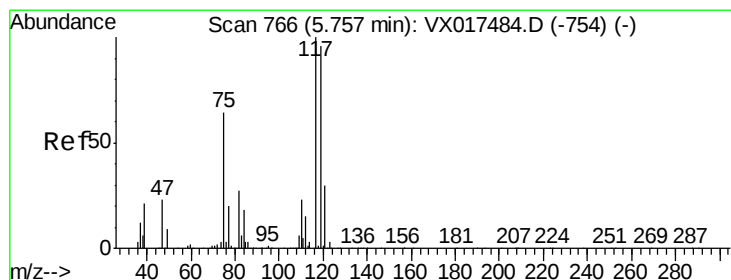
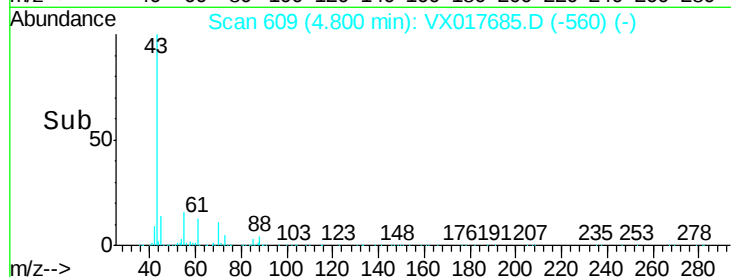
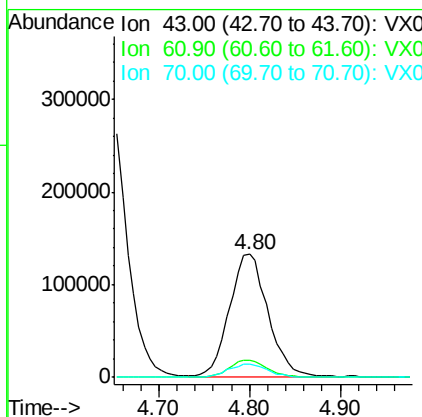
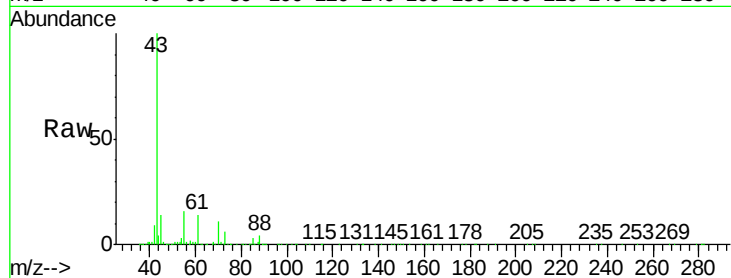
#37
Ethyl Acetate
Concen: 42.268 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

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

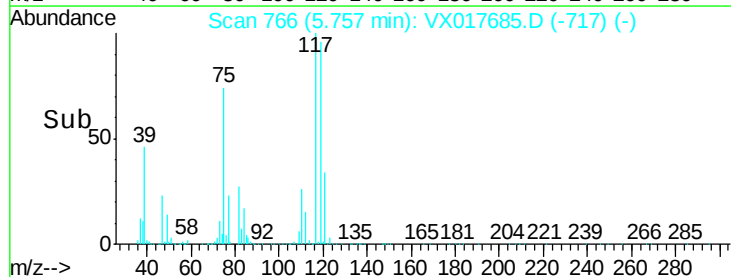
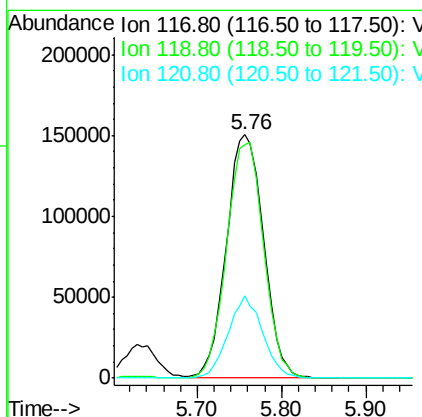
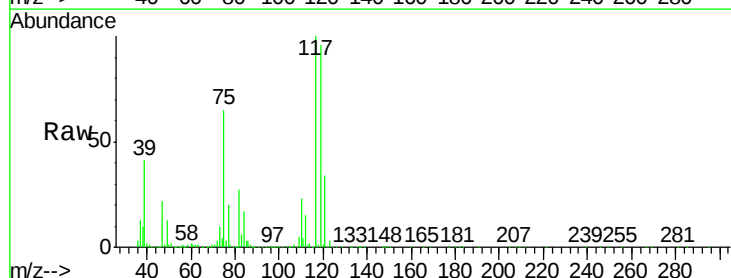
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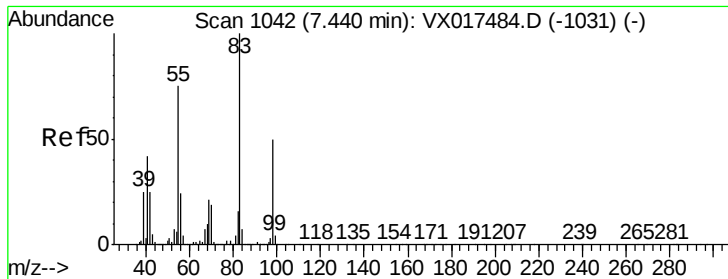
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#38
Carbon Tetrachloride
Concen: 43.935 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

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





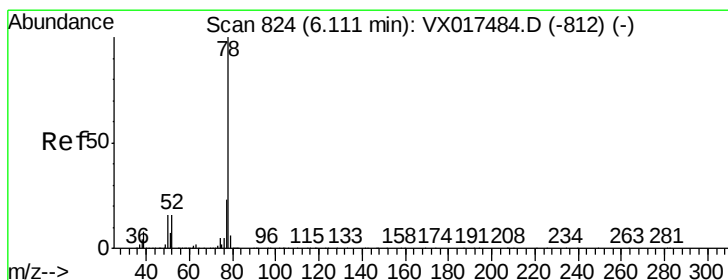
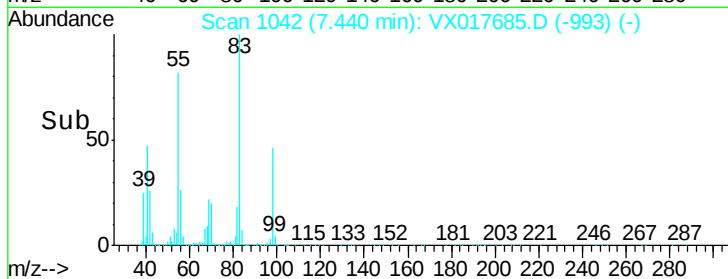
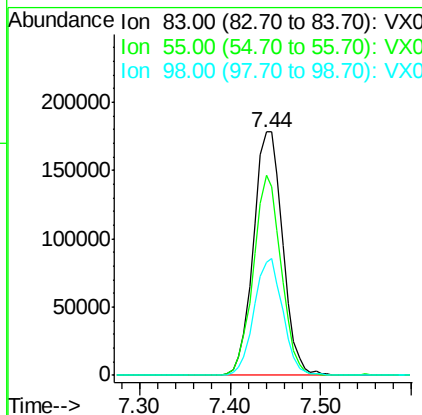
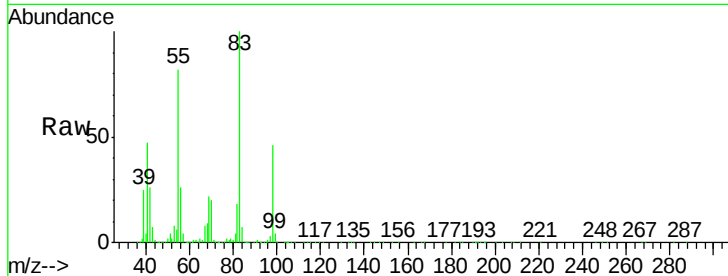
#39
Methvlcvclohexane
Concen: 40.450 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

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

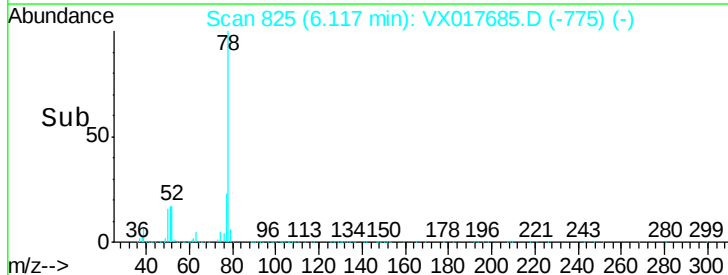
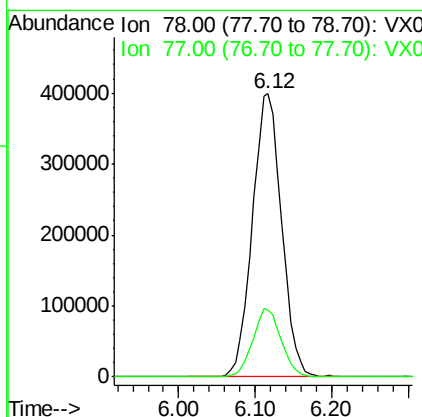
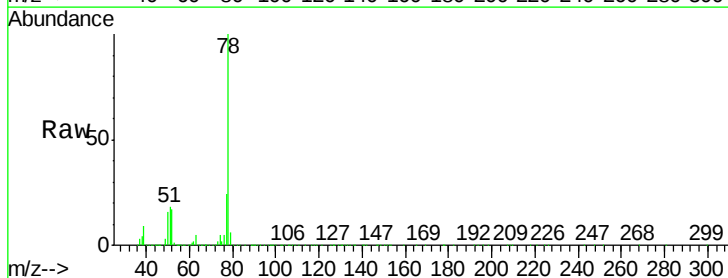
Manual Integrations
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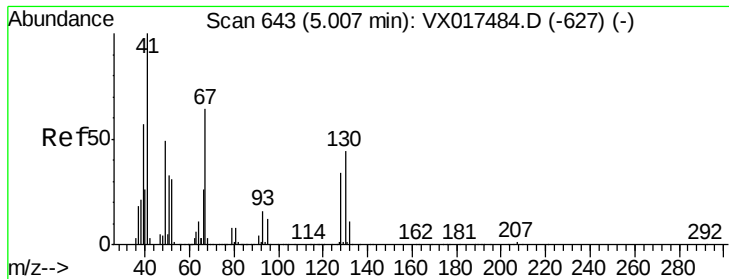
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#40
Benzene
Concen: 43.835 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.2





#41

Methacrylonitrile

Concen: 43.238 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

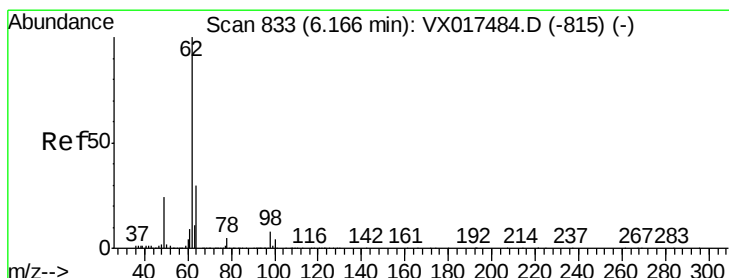
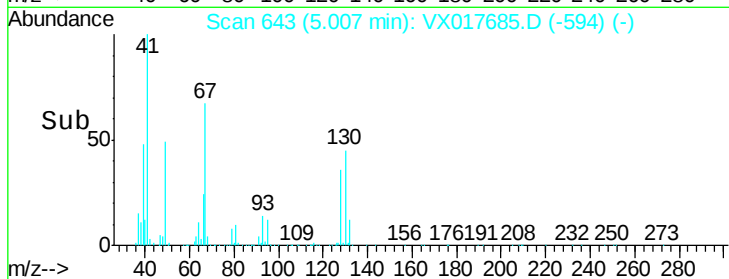
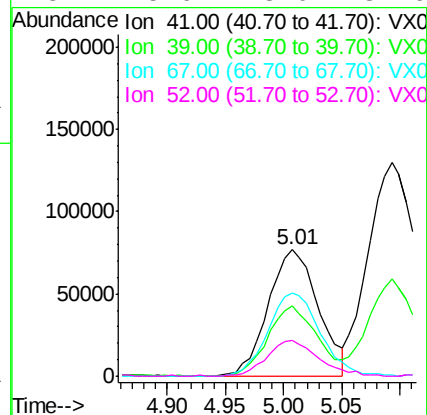
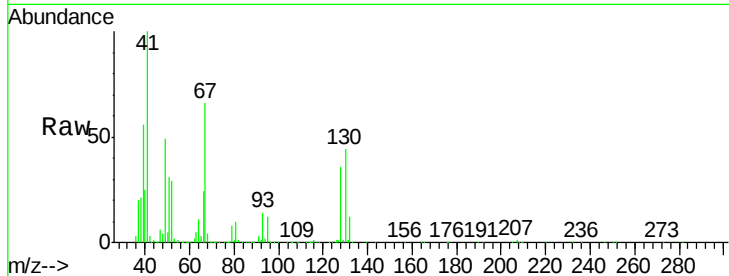
ClientSampleId :

PK-10DMS

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

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#42

1,2-Dichloroethane

Concen: 43.695 ug/l

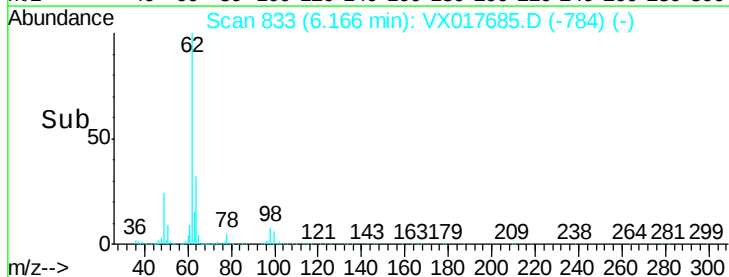
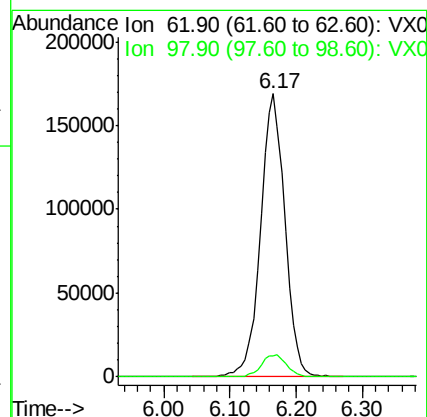
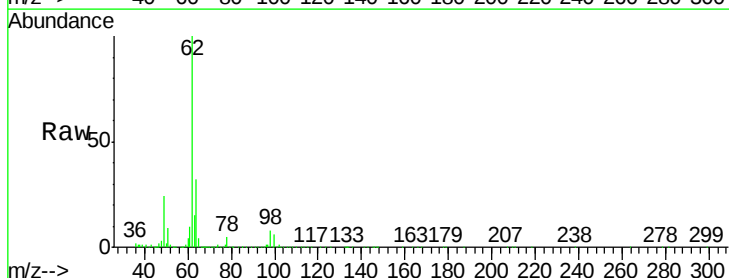
RT: 6.17 min Scan# 833

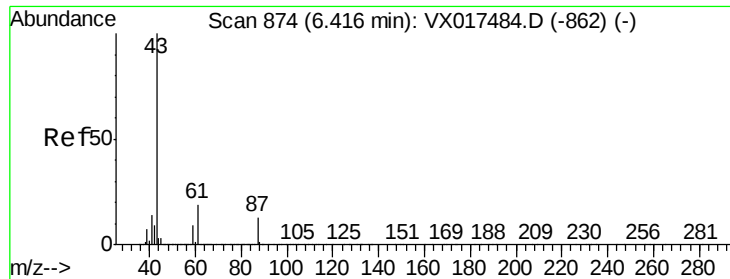
Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.0	





#43

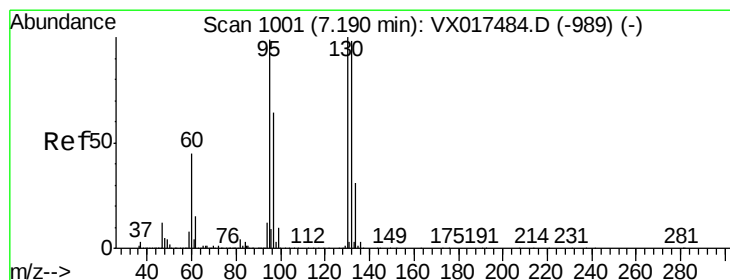
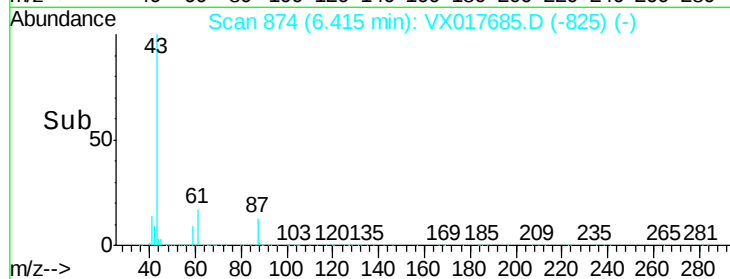
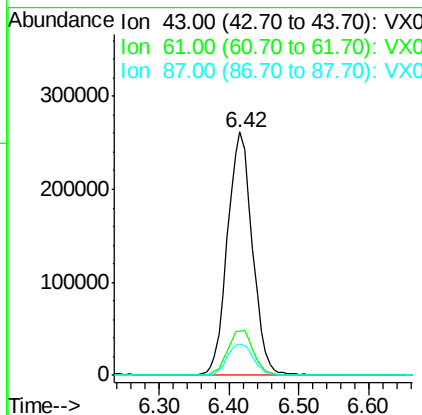
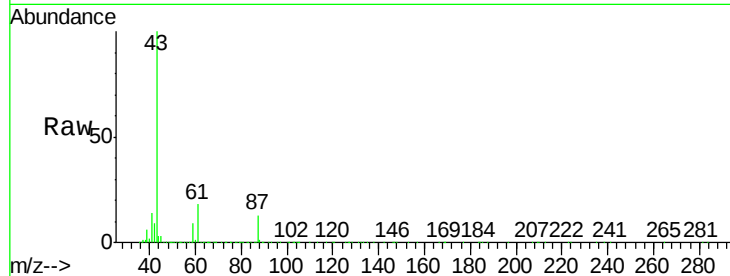
Isopropyl Acetate
 Concen: 42.285 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.5	23.3
87	13.6	10.5	15.7

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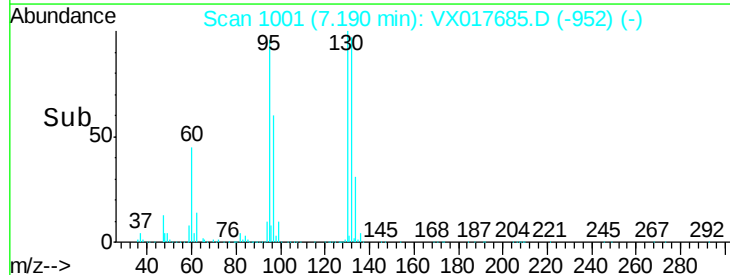
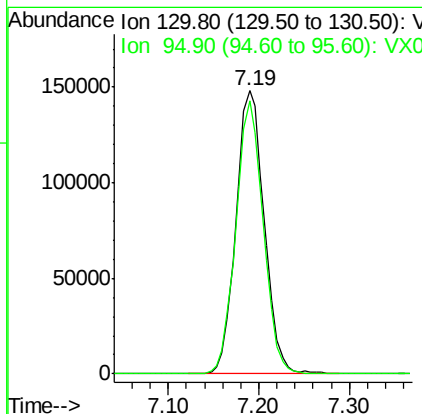
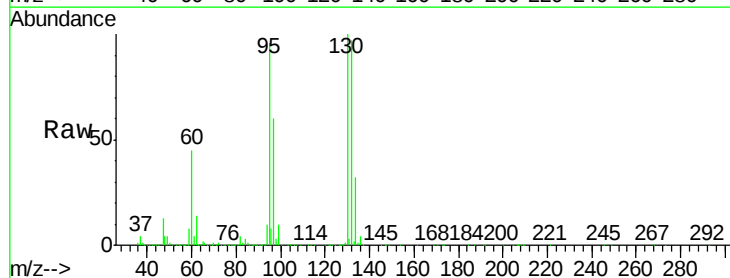
MMDadoda
 7/31/2020 11:58:01 AM

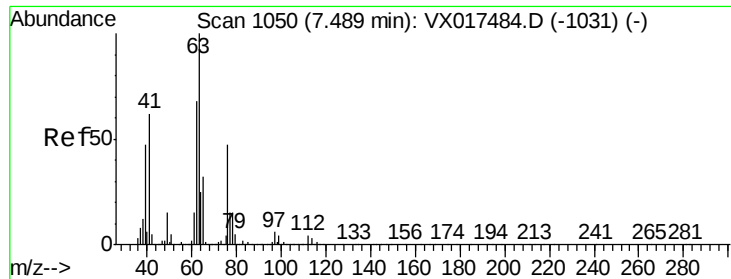


#44

Trichloroethene
 Concen: 45.267 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	189.0





#45

1,2-Dichloropropane

Concen: 41.639 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampled :

PK-10DMS

Tot Ion: 63 Resp: 279228

Ion Ratio Lower Upper

63 100

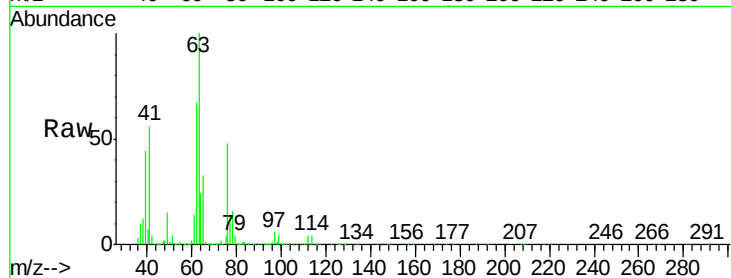
65 32.6 24.5 36.7

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

150000

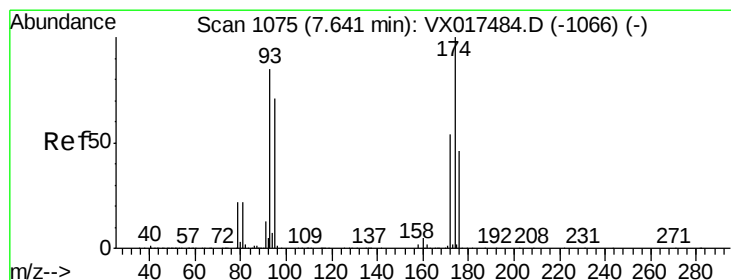
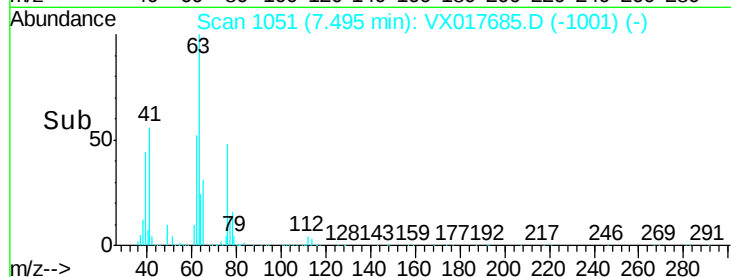
100000

50000

0

7.30 7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 42.698 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

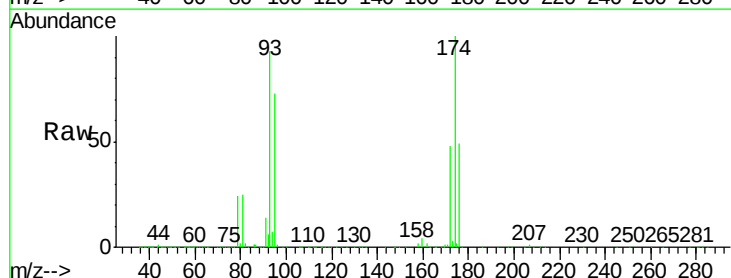
Tgt Ion: 93 Resp: 202355

Ion Ratio Lower Upper

93 100

95 81.0 66.6 99.8

174 109.4 87.0 130.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

150000

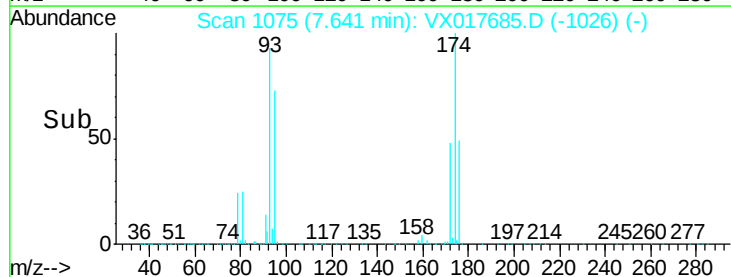
100000

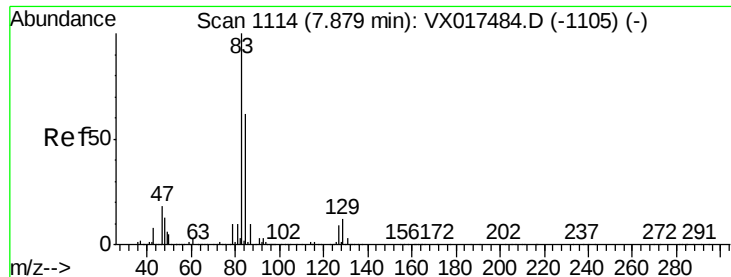
50000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 45.436 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

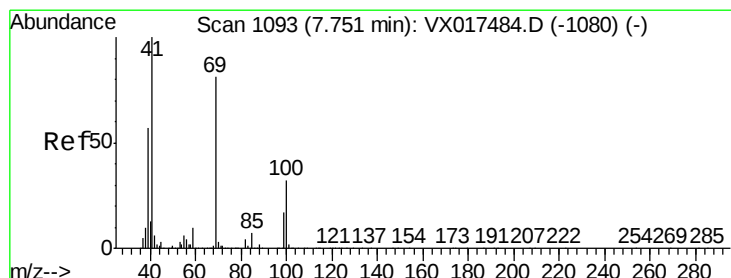
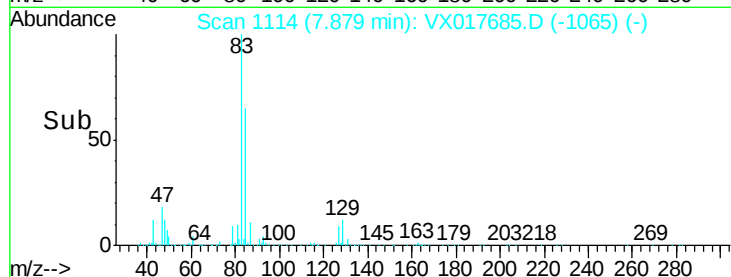
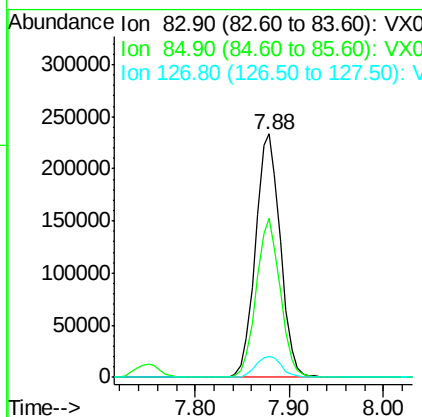
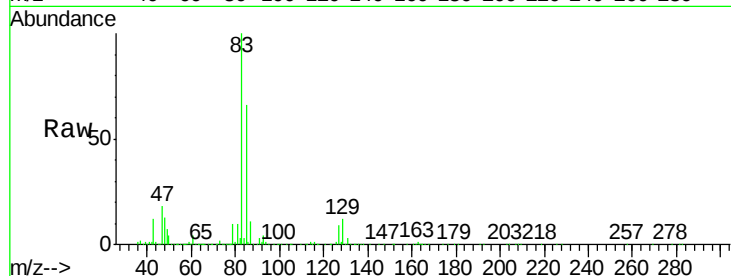
ClientSampleId :

PK-10DMS

Tot Ion:	83	Resp:	433272
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.8	77.8
127	8.8	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 43.655 ug/l

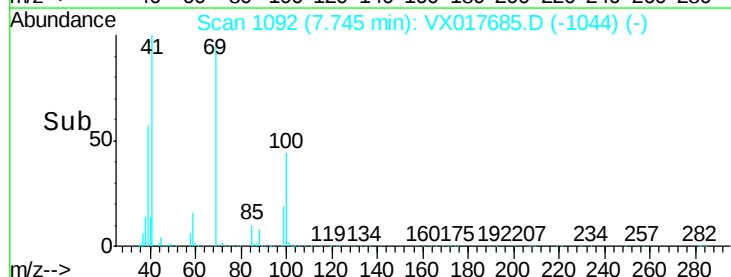
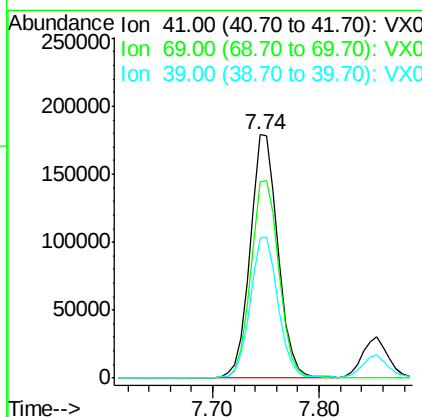
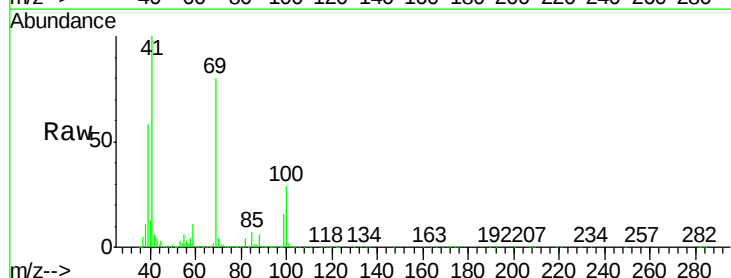
RT: 7.74 min Scan# 1092

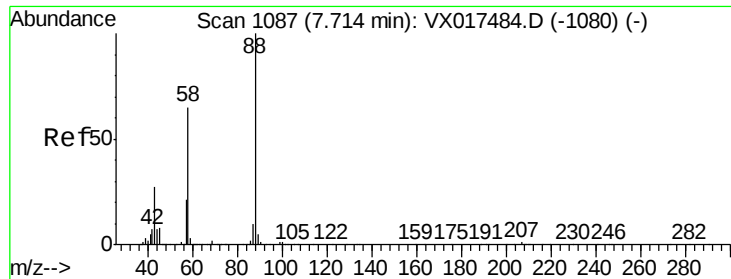
Delta R.T. -0.01 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Tgt Ion:	41	Resp:	329622
Ion	Ratio	Lower	Upper
41	100		
69	81.5	63.1	94.7
39	57.5	45.1	67.7





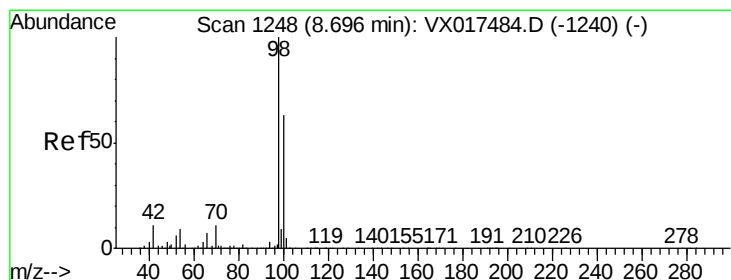
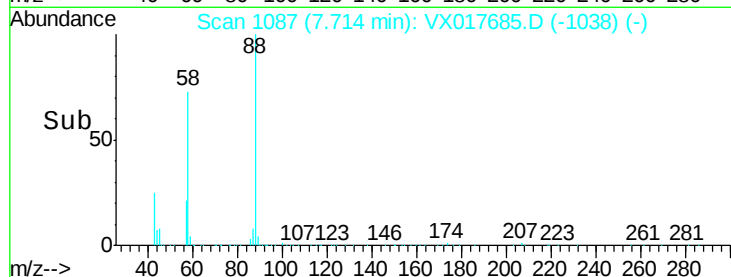
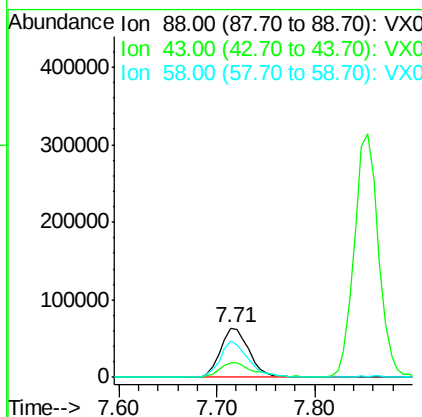
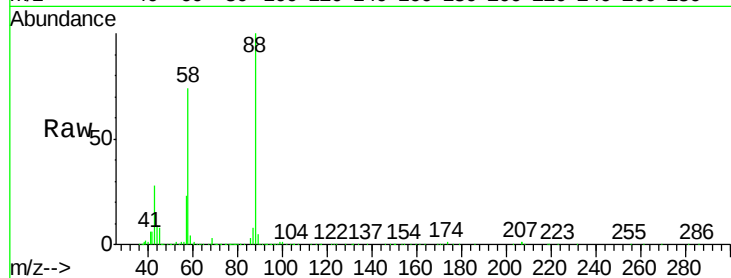
#49
1,4-Dioxane
Concen: 896.594 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	27.8	41.6
58	71.7	58.3	87.5

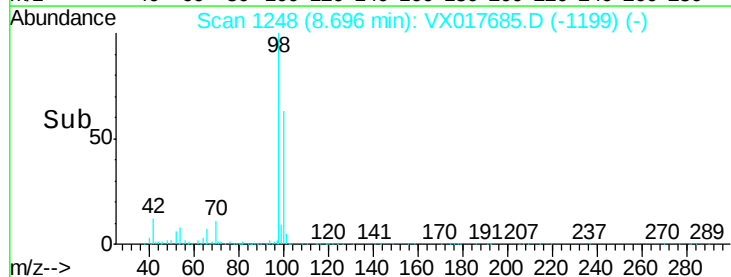
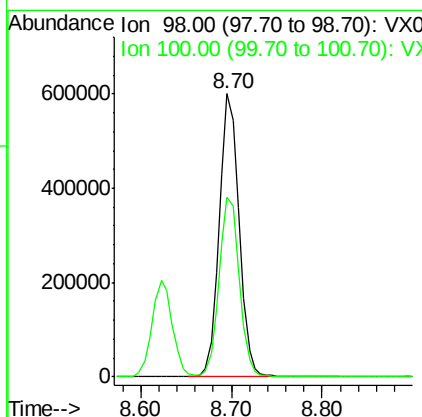
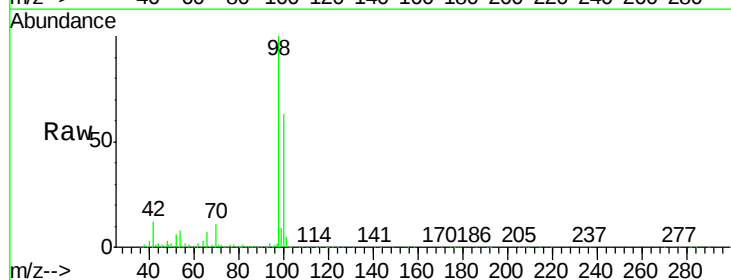
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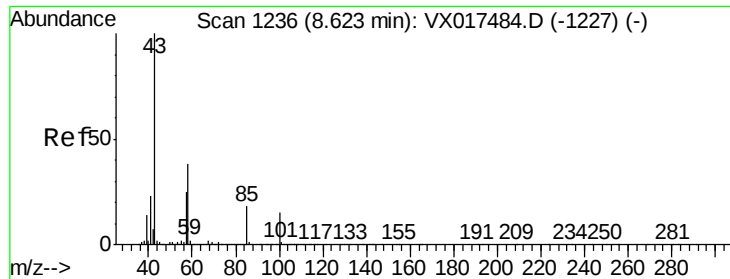
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#50
Toluene-d8
Concen: 43.181 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 226.160 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

Tot Ion: 43 Resp: 2055477

Ion Ratio Lower Upper

43 100

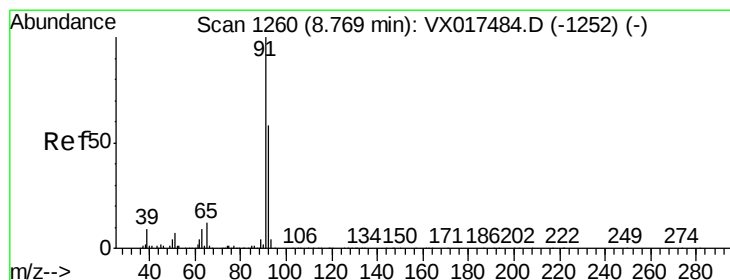
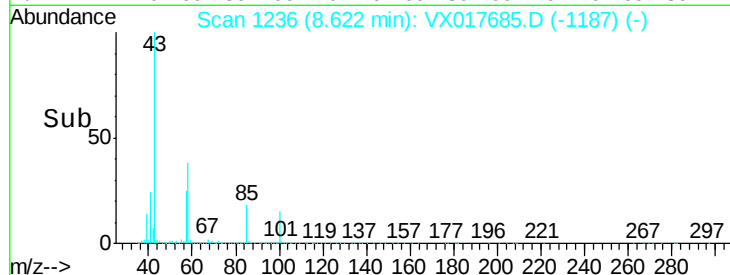
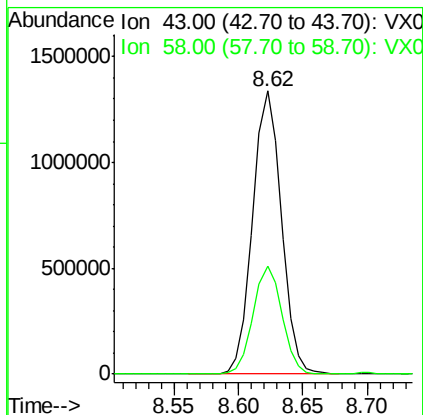
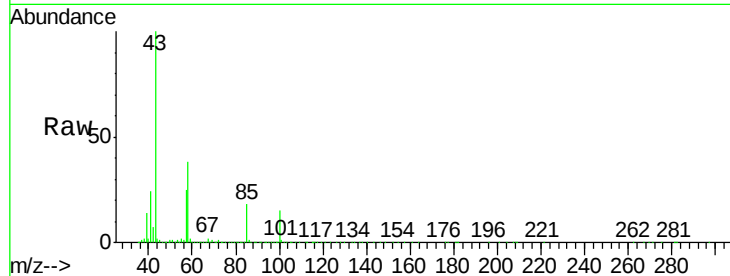
58 38.4 31.0 46.4

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#52

Toluene

Concen: 43.506 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017685.D

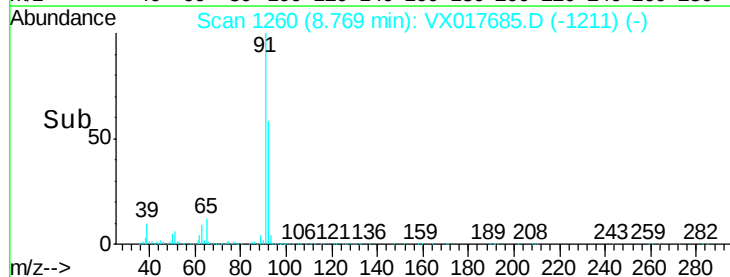
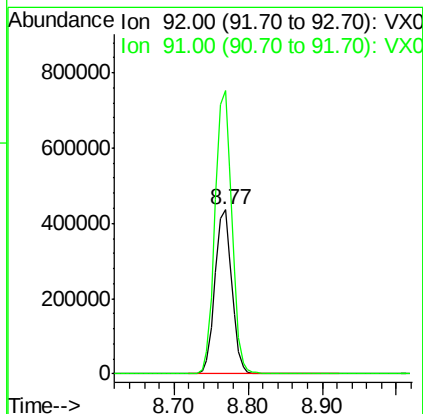
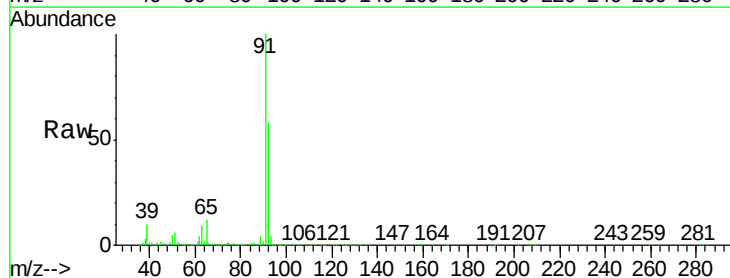
Acq: 30 Jul 2020 16:42

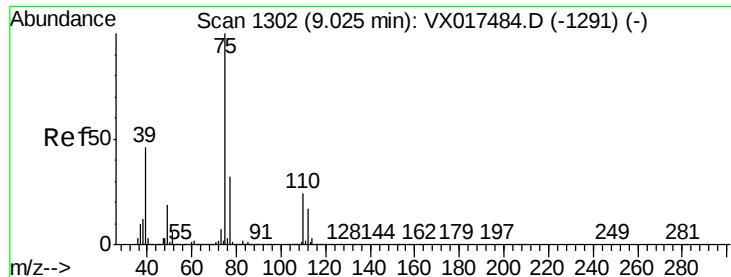
Tgt Ion: 92 Resp: 674934

Ion Ratio Lower Upper

92 100

91 173.0 137.6 206.4





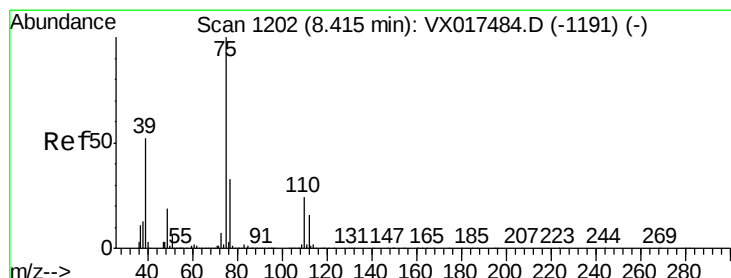
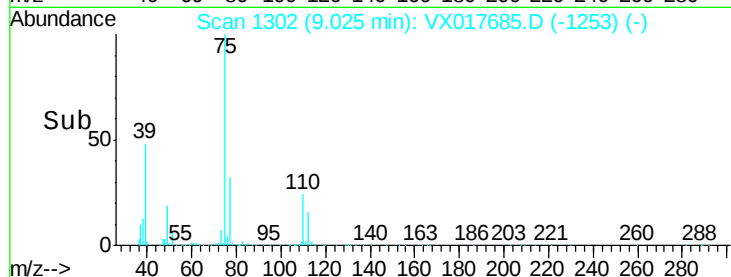
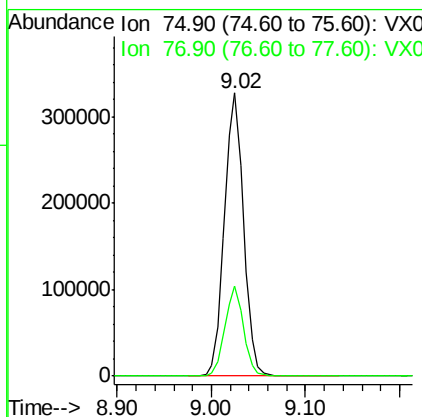
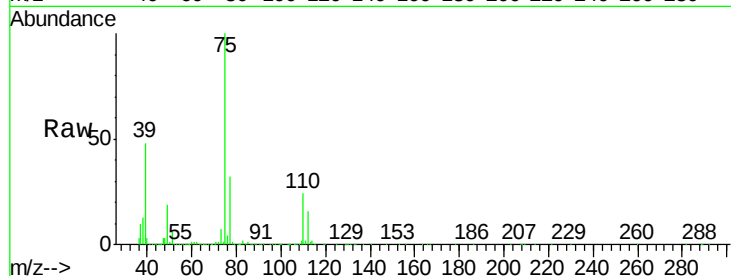
#53
t-1,3-Dichloropropene
Concen: 43.351 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

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

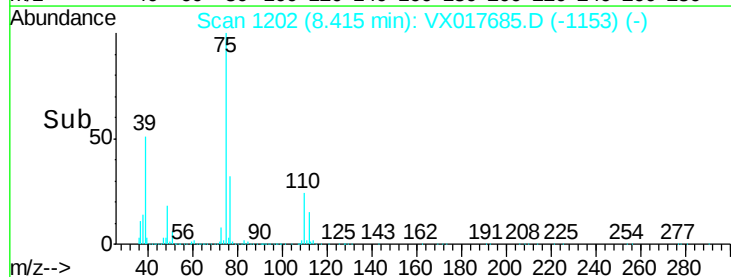
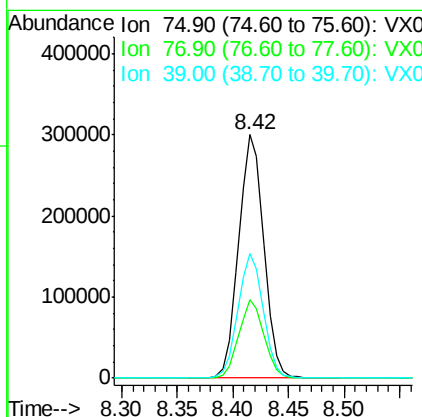
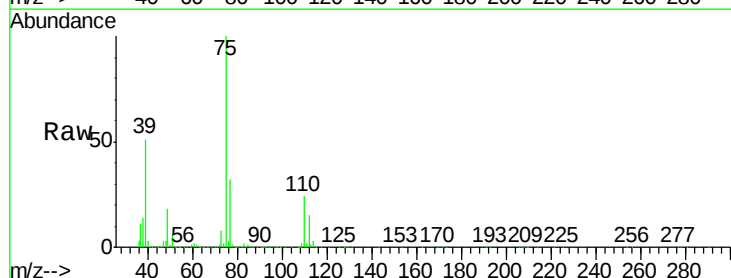
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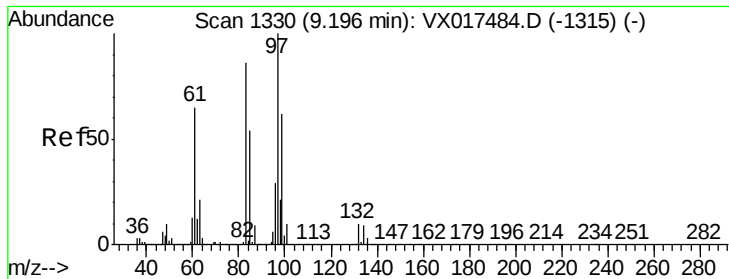
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#54
cis-1,3-Dichloropropene
Concen: 43.138 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

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





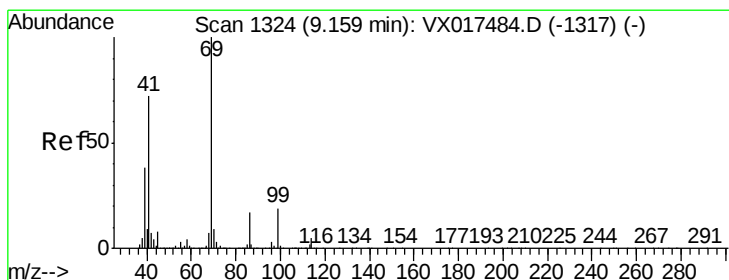
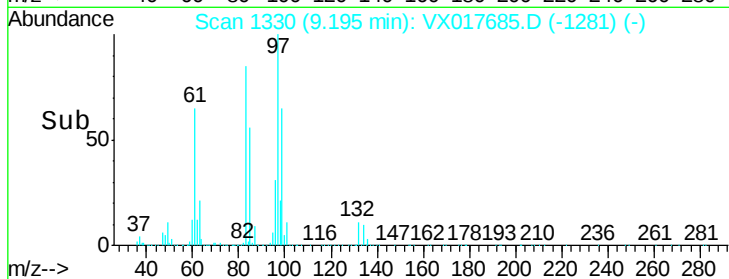
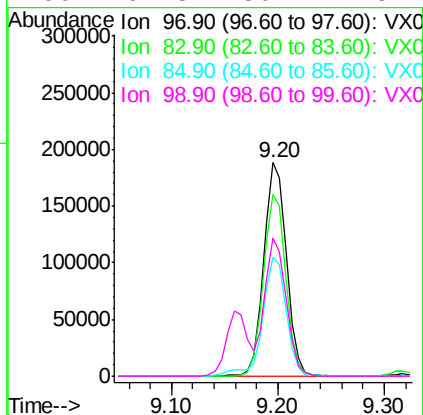
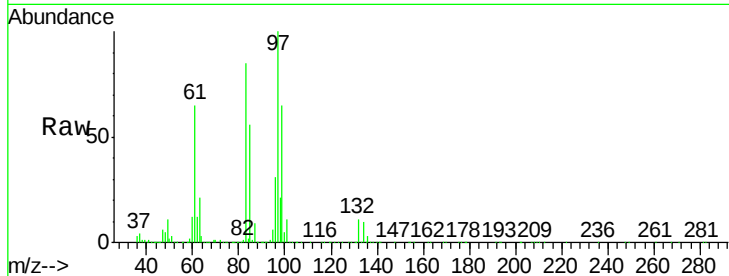
#55
 1,1,2-Trichloroethane
 Concen: 43.821 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

Tot Ion	97	Resp	283197
Ion Ratio	Lower	Upper	
97	100		
83	84.8	67.6	101.4
85	56.0	44.6	67.0
99	64.8	50.2	75.4

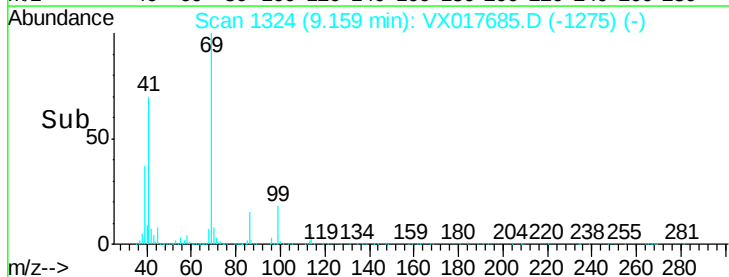
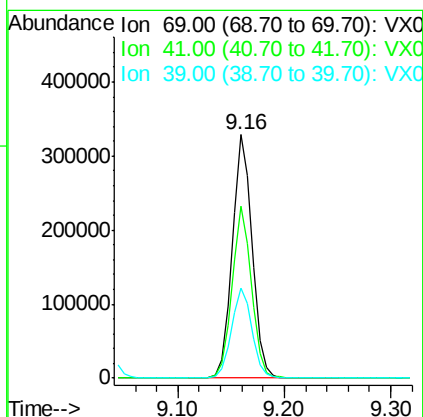
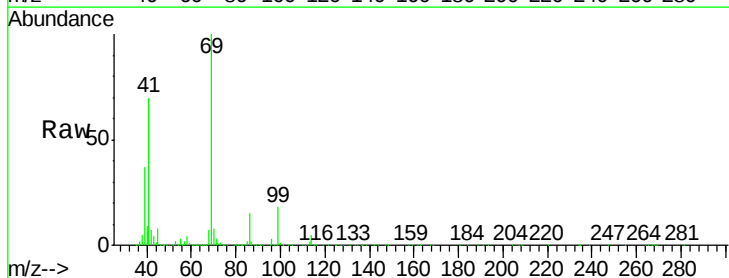
Manual Integrations
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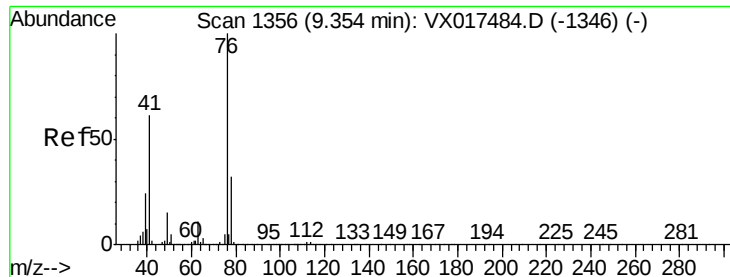
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#56
 Ethyl methacrylate
 Concen: 44.367 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Tgt Ion	69	Resp	431984
Ion Ratio	Lower	Upper	
69	100		
41	68.5	55.0	82.6
39	37.9	30.0	45.0





#57

1,3-Dichloropropane

Concen: 44.445 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

Tot Ion: 76 Resp: 472963

Ion Ratio Lower Upper

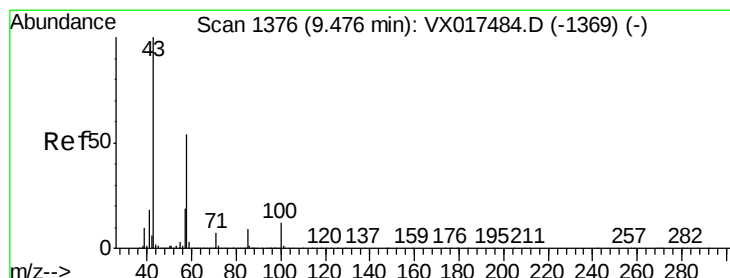
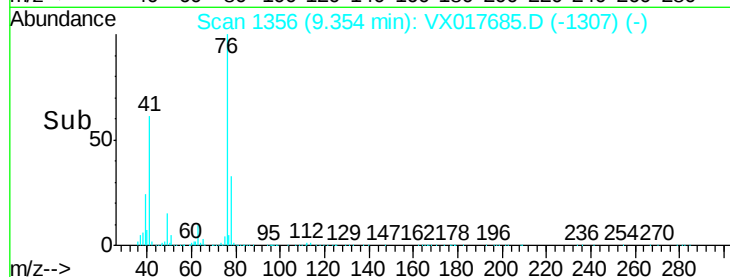
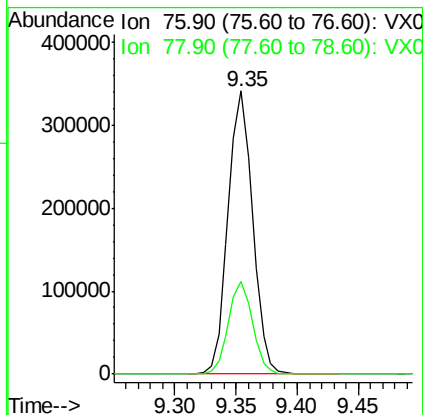
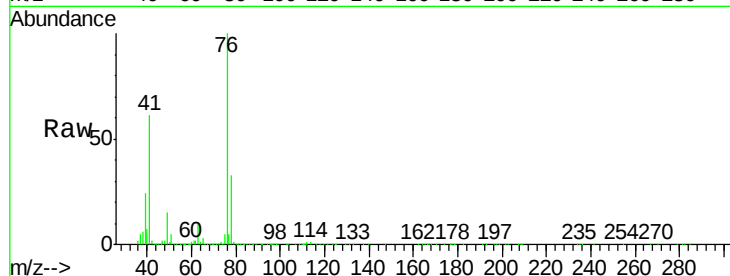
76 100

78 32.2 25.8 38.8

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#59

2-Hexanone

Concen: 231.253 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX017685.D

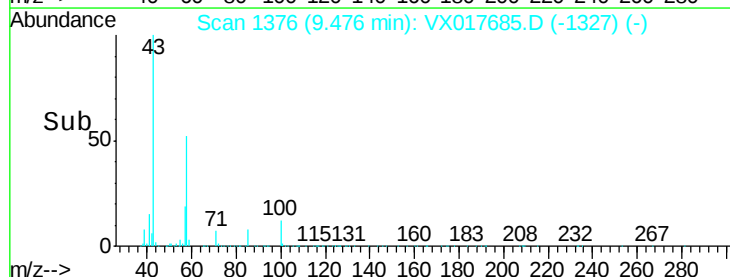
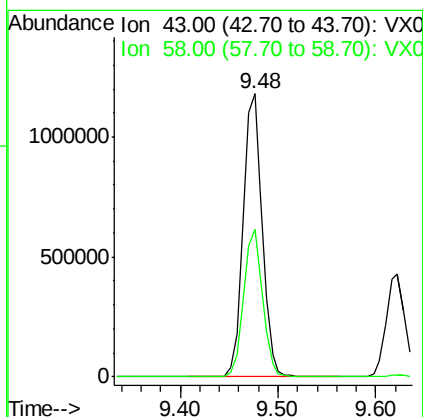
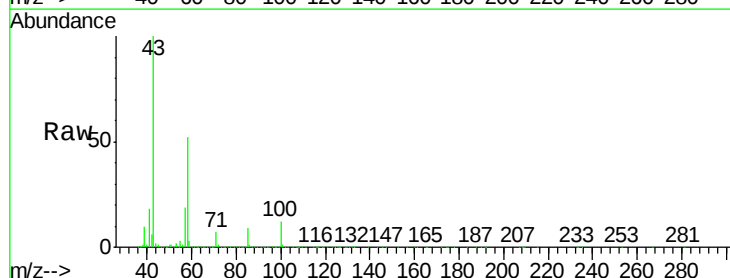
Acq: 30 Jul 2020 16:42

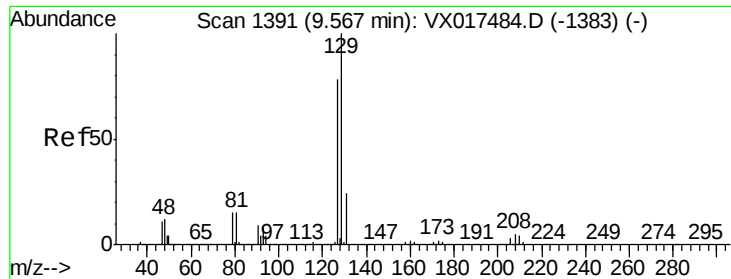
Tgt Ion: 43 Resp: 1582390

Ion Ratio Lower Upper

43 100

58 52.0 26.6 79.8





#60

Dibromochloromethane

Concen: 44.502 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

Tot Ion:129 Resp: 365546

Ion Ratio Lower Upper

129 100

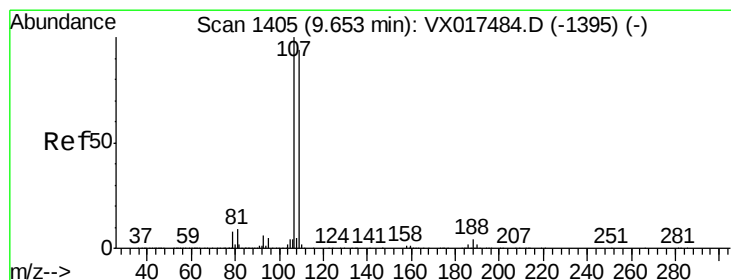
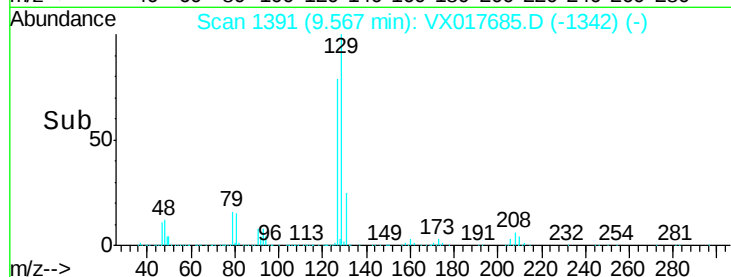
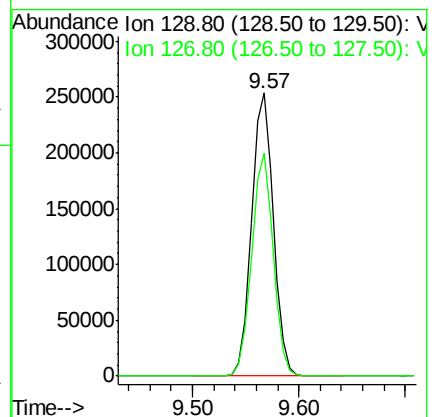
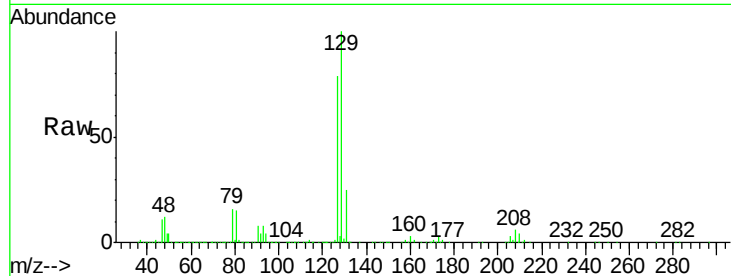
127 77.8 38.4 115.1

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 46.022 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017685.D

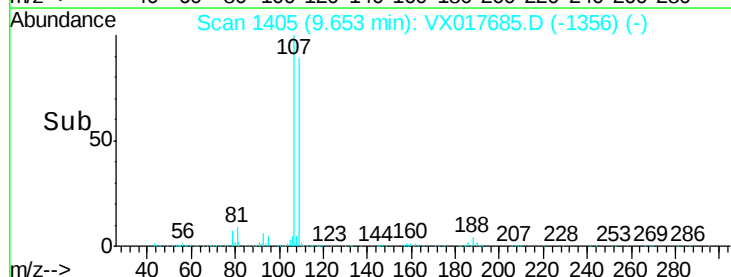
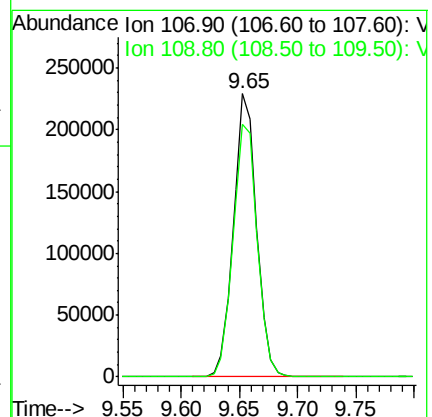
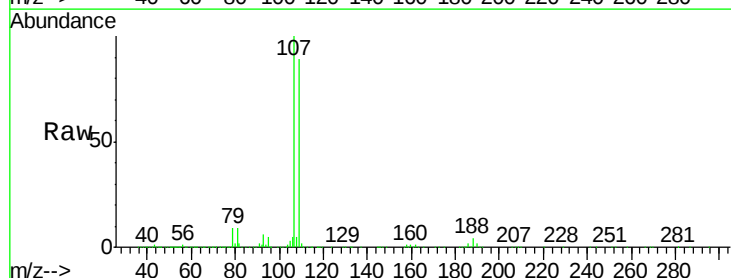
Acq: 30 Jul 2020 16:42

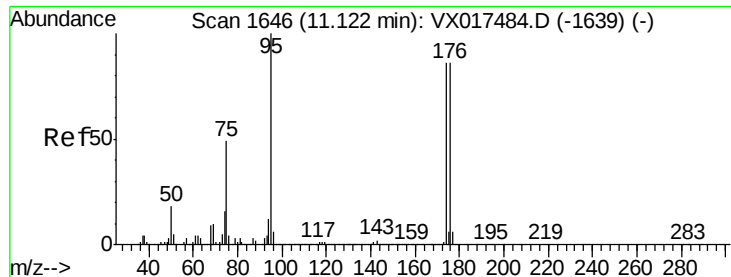
Tgt Ion:107 Resp: 316651

Ion Ratio Lower Upper

107 100

109 93.5 74.9 112.3





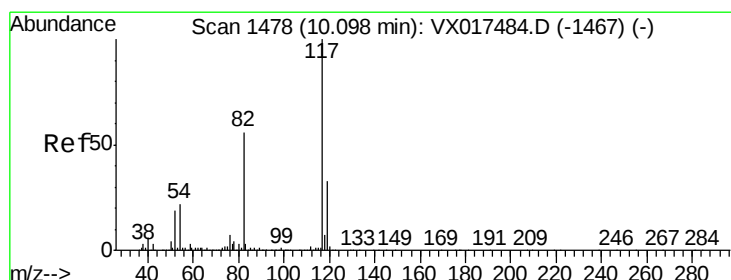
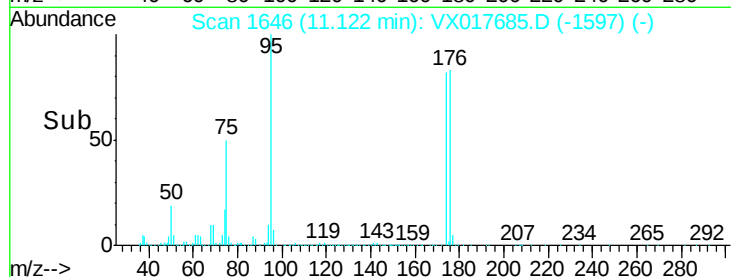
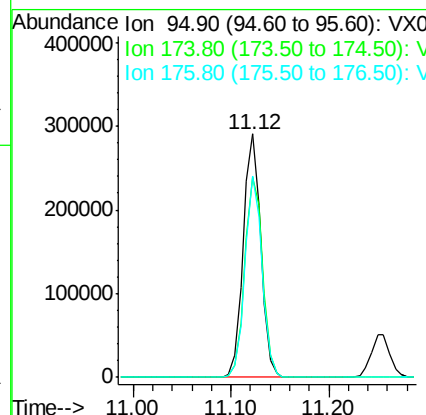
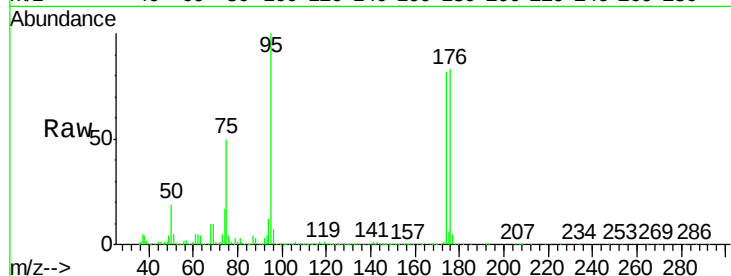
#62
4-Bromofluorobenzene
Concen: 42.521 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	361200		
174	83.7	0.0	169.0	
176	80.5	0.0	161.0	

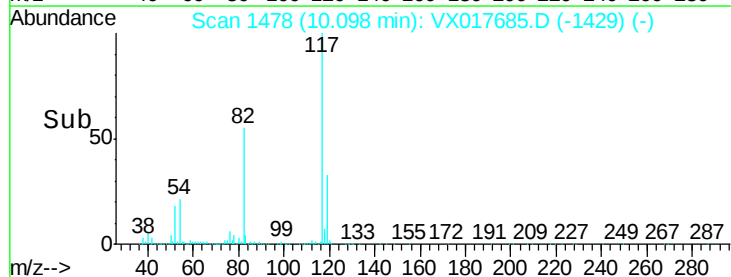
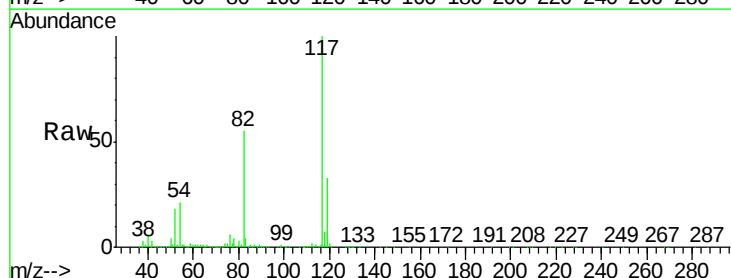
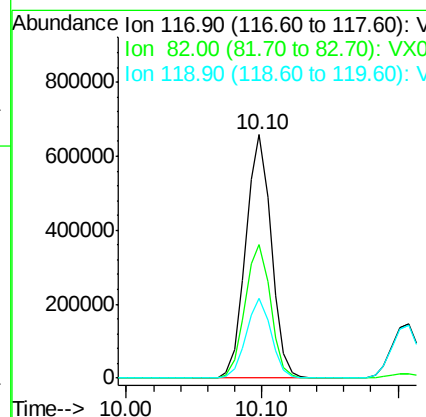
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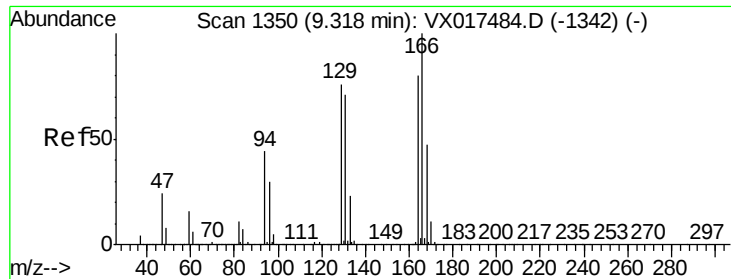
MMDadoda
7/31/2020 11:58:01 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	863898		
82	55.1	44.0	66.0	
119	33.0	25.4	38.0	





#64

Tetrachloroethene

Concen: 40.745 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

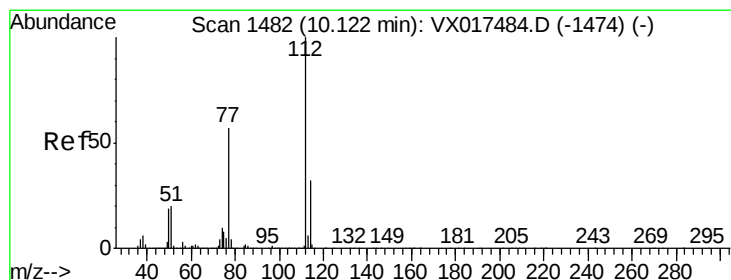
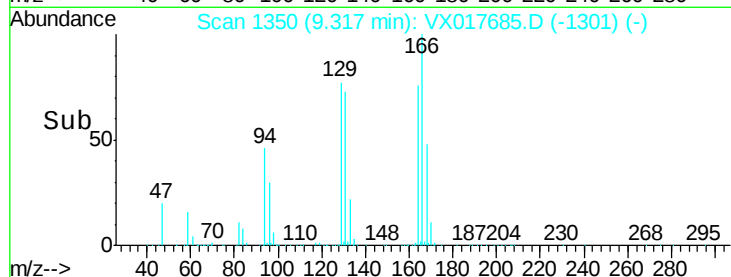
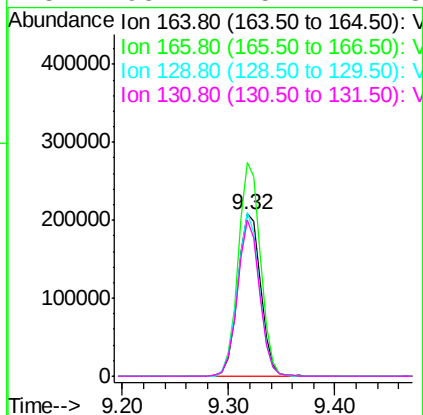
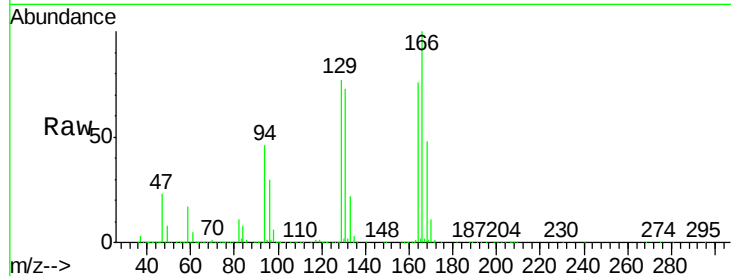
ClientSampled :

PK-10DMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	131.4	100.6	150.8	
129	100.9	75.0	112.6	
131	95.7	75.2	112.8	

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#65

Chlorobenzene

Concen: 42.791 ug/l

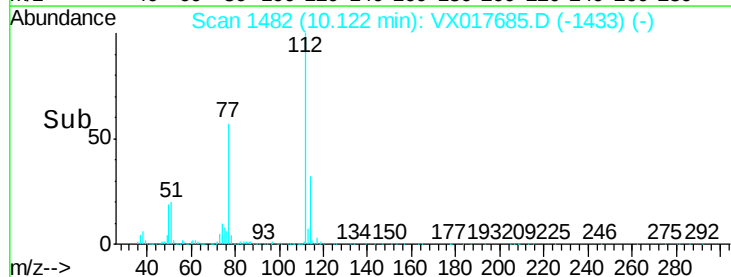
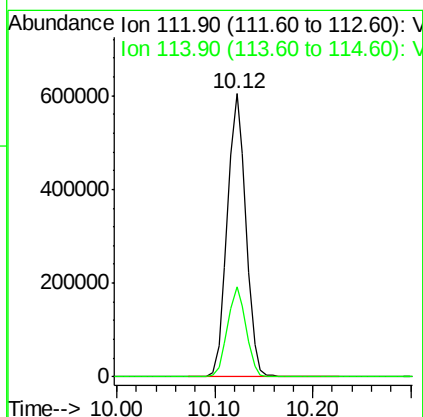
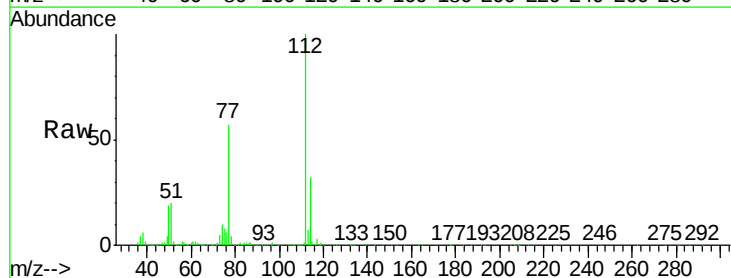
RT: 10.12 min Scan# 1482

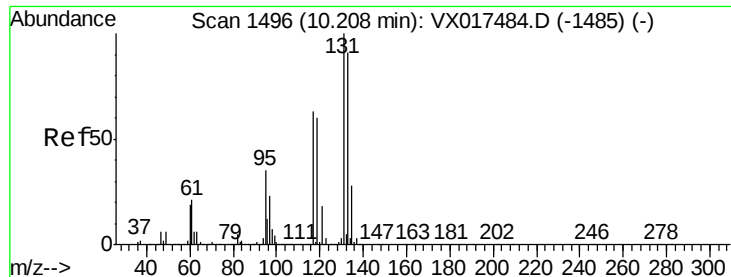
Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.0	25.7	38.5	





#66

1,1,1,2-Tetrachloroethane

Concen: 41.977 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampled :

PK-10DMS

Tot Ion:131 Resp: 316790
Ion Ratio Lower Upper

131 100

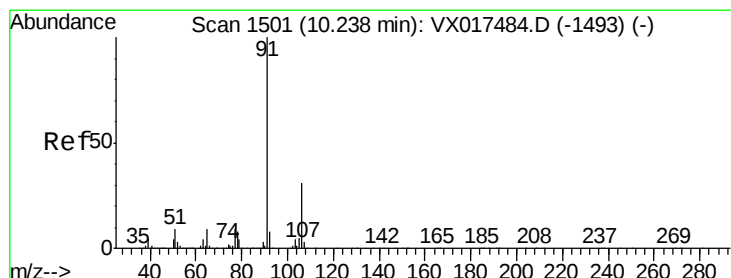
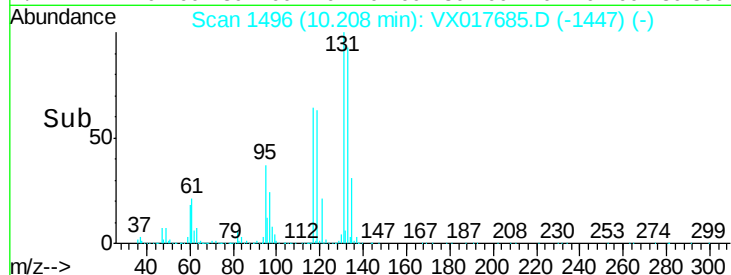
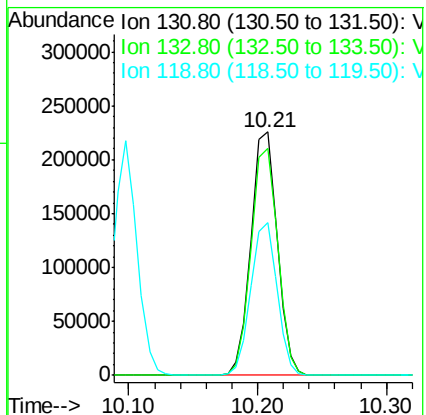
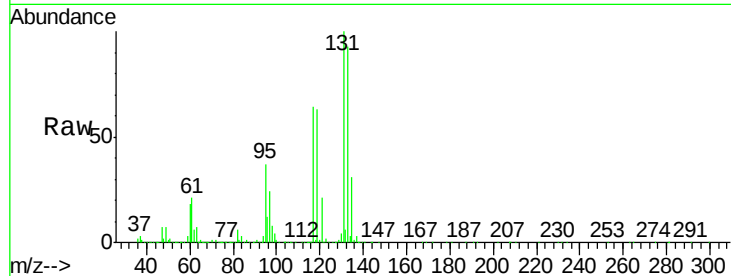
133 95.1 47.9 143.6

119 63.0 31.1 93.3

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#67

Ethyl Benzene

Concen: 42.845 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

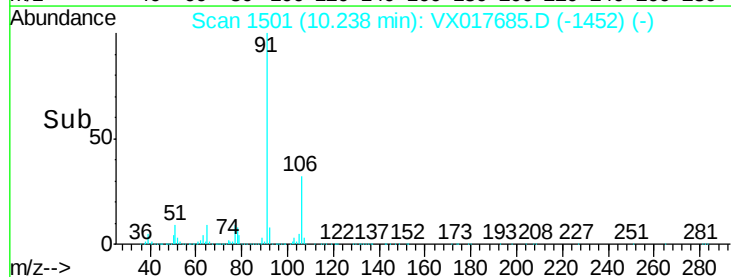
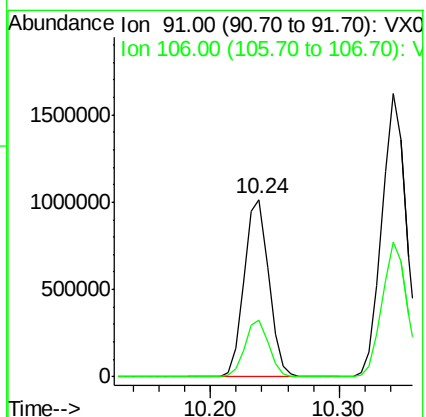
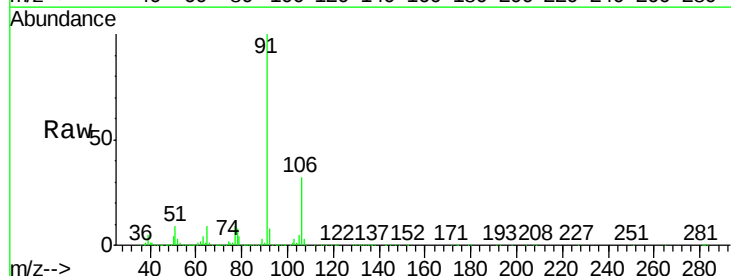
Lab File: VX017685.D

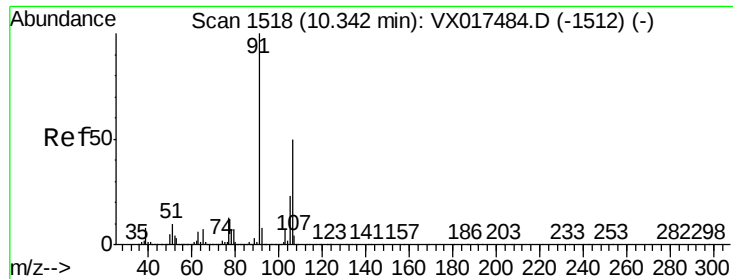
Acq: 30 Jul 2020 16:42

Tgt Ion: 91 Resp: 1337379
Ion Ratio Lower Upper

91 100

106 31.7 25.8 38.6





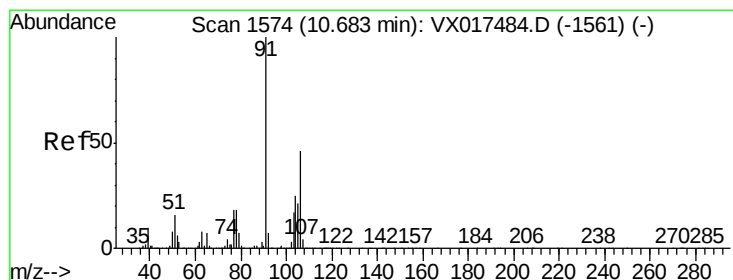
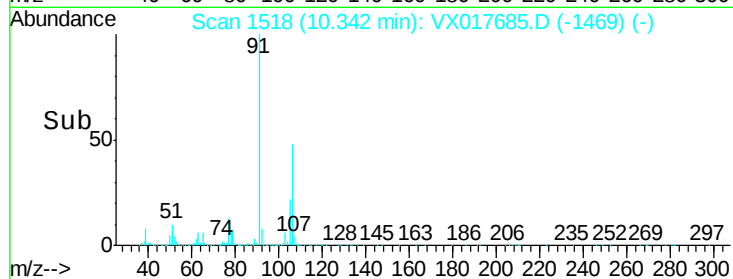
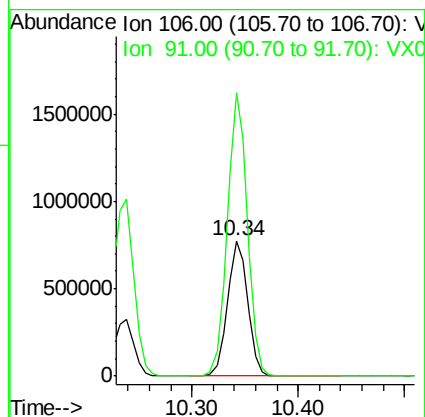
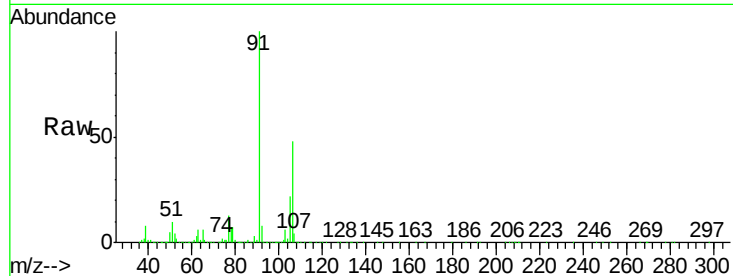
#68
m/p-Xylenes
Concen: 85.321 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

Tot Ion:106 Resp: 1031728
Ion Ratio Lower Upper
106 100
91 206.7 160.9 241.3

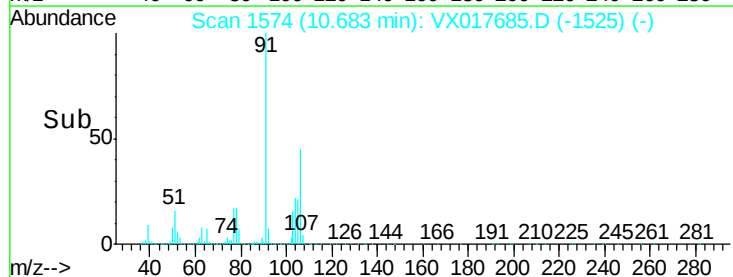
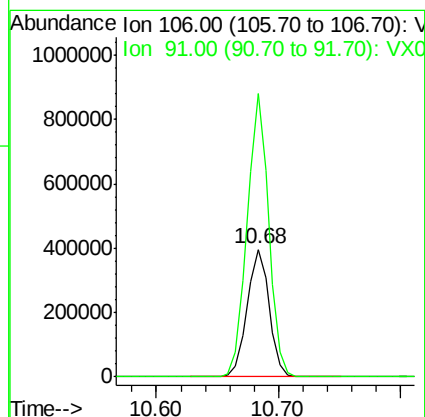
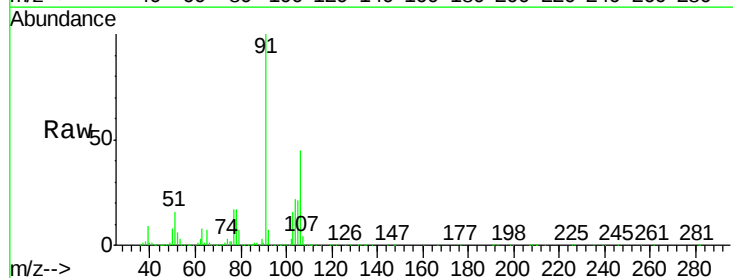
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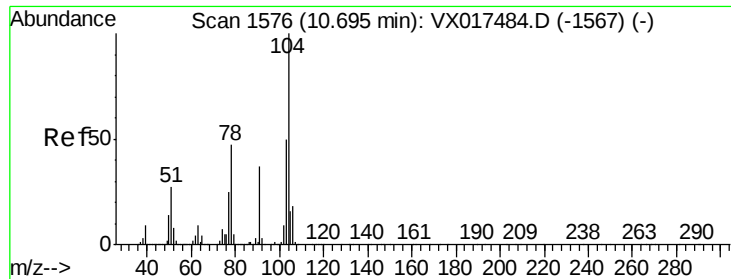
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#69
o-Xylene
Concen: 42.532 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion:106 Resp: 494649
Ion Ratio Lower Upper
106 100
91 216.9 108.2 324.6





#70

Stvrene

Concen: 43.809 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

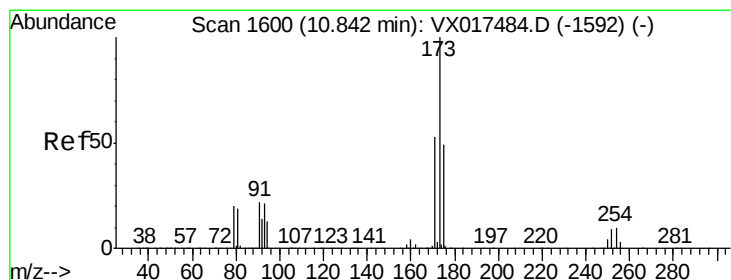
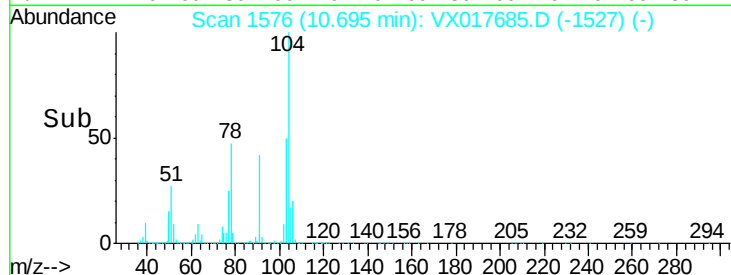
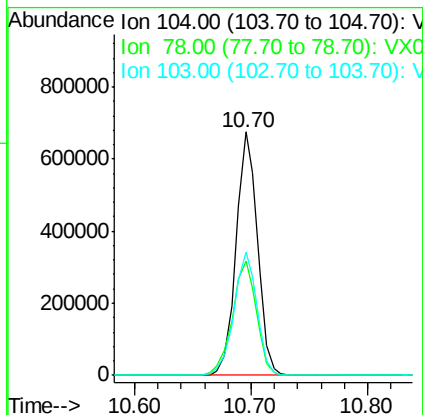
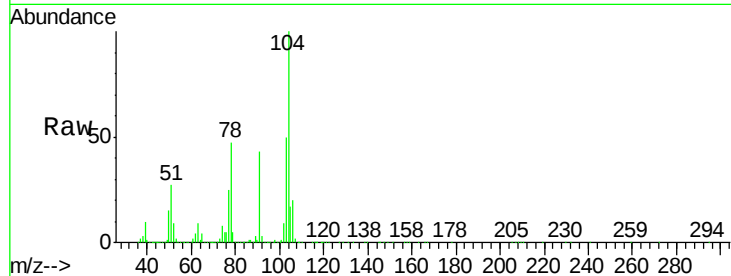
ClientSampleId :

PK-10DMS

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

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#71

Bromoform

Concen: 41.619 ug/l

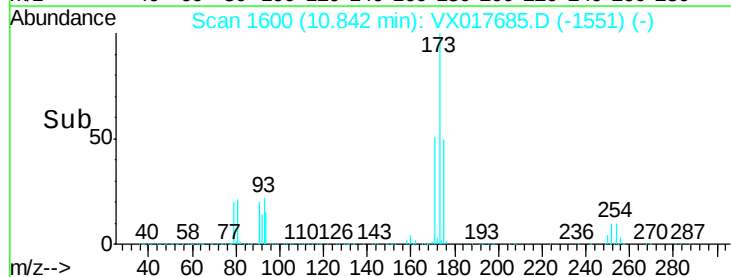
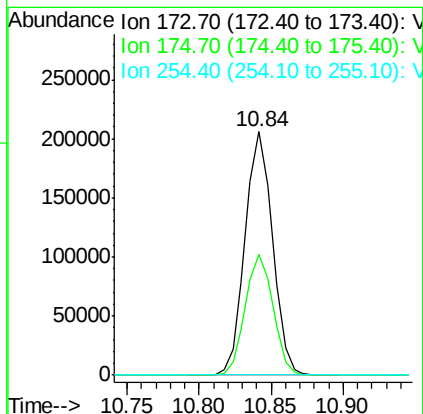
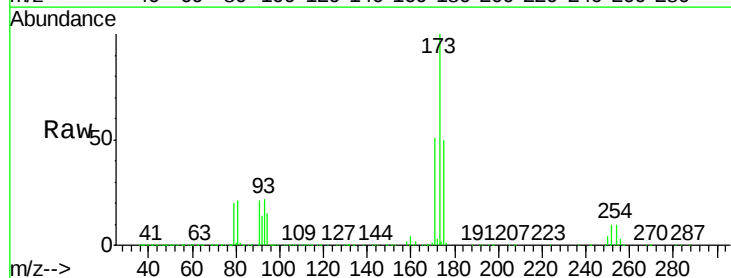
RT: 10.84 min Scan# 1600

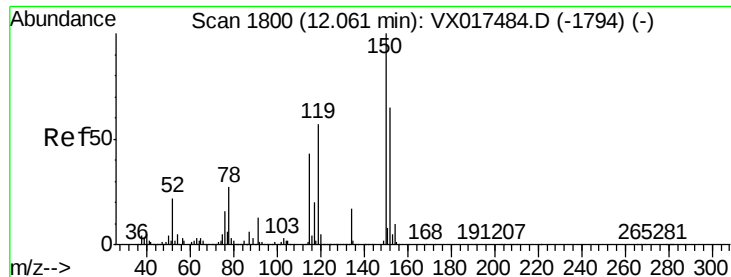
Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

PK-10DMS

Tot Ion:152 Resp: 462044

Ion Ratio Lower Upper

152 100

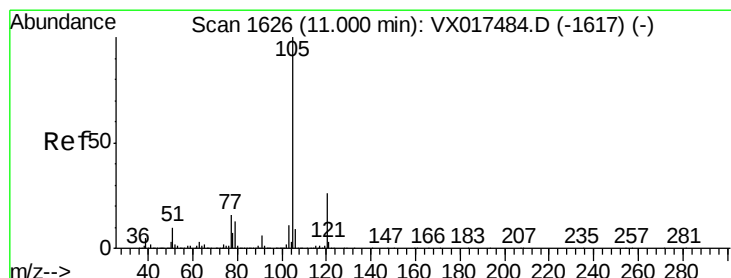
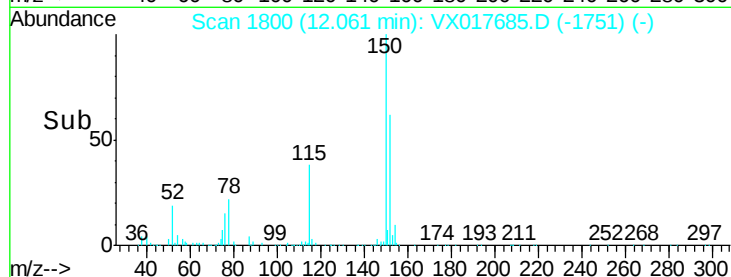
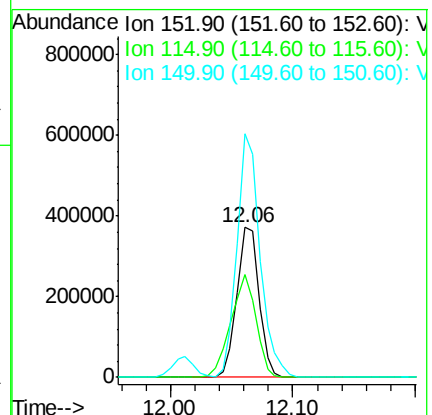
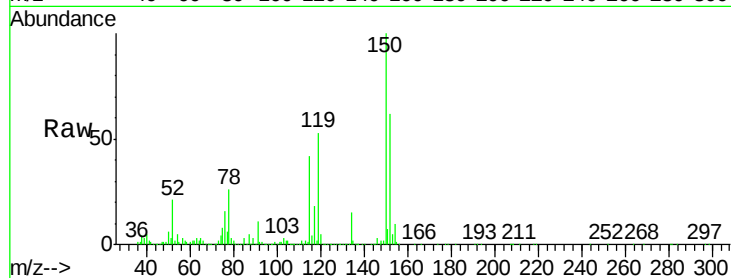
115 78.4 65.5 196.6

150 169.2 0.0 412.6

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#73

Isopropylbenzene

Concen: 42.487 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017685.D

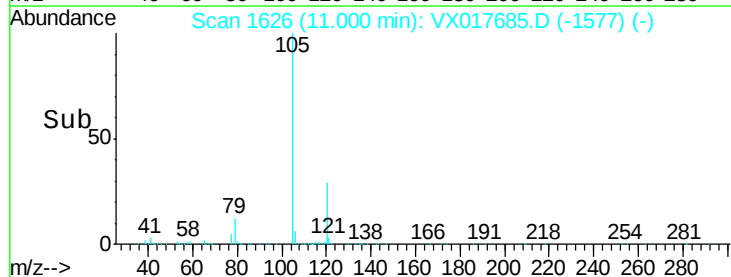
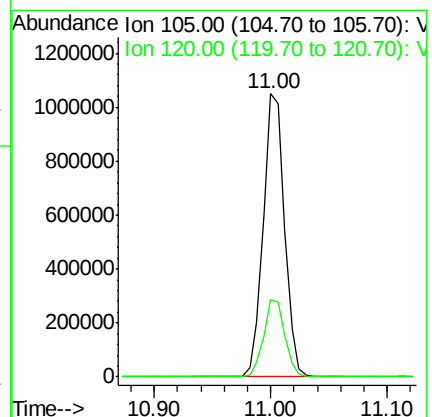
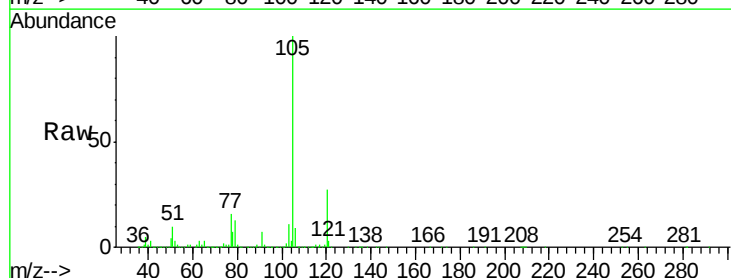
Acq: 30 Jul 2020 16:42

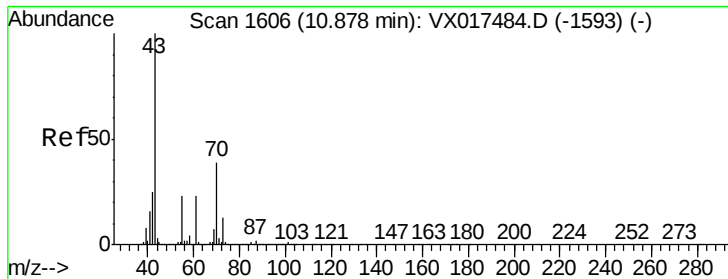
Tgt Ion:105 Resp: 1346702

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8





#74

N-amvl acetate

Concen: 39.996 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

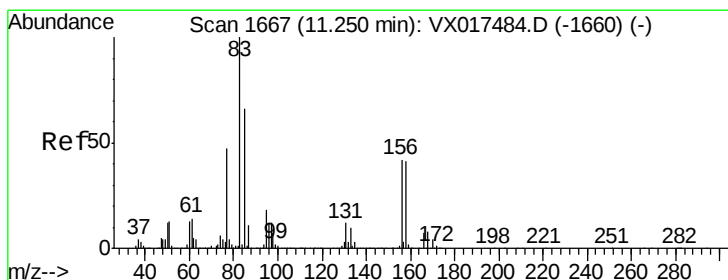
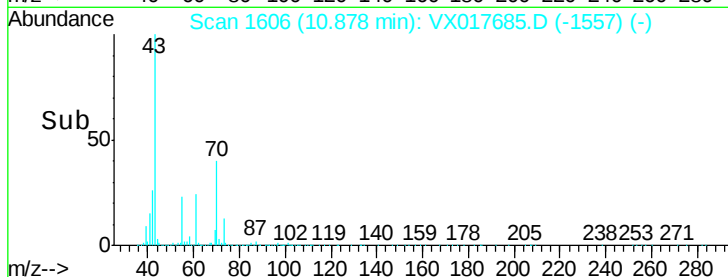
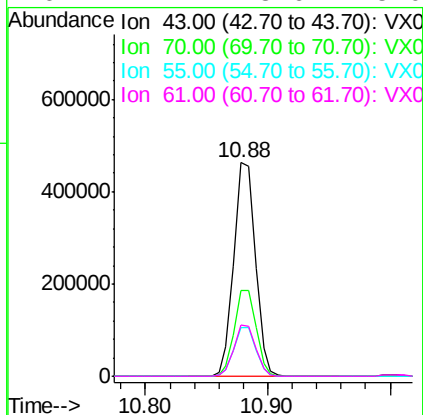
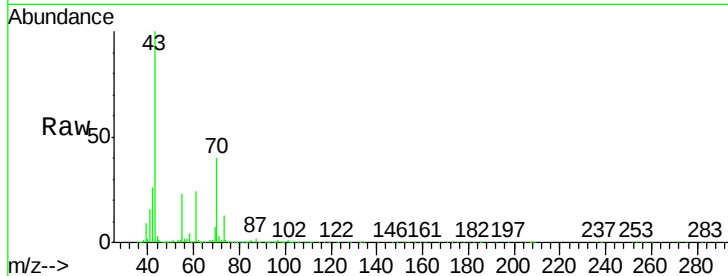
ClientSampleId :

PK-10DMS

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

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#75

1,1,2,2-Tetrachloroethane

Concen: 39.950 ug/l

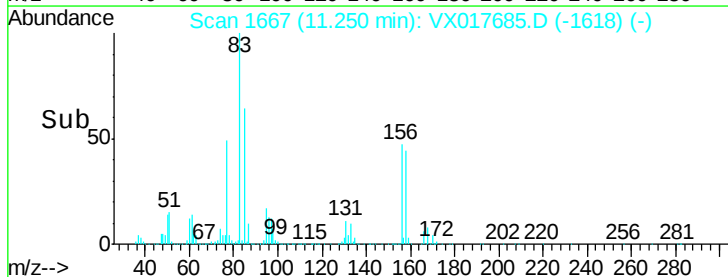
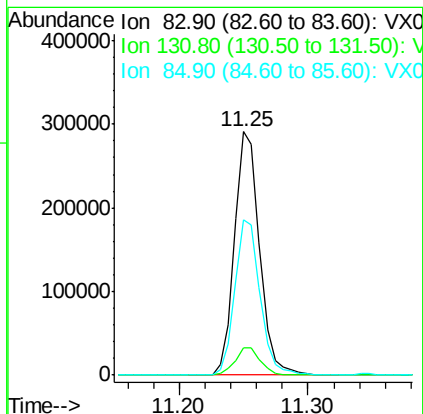
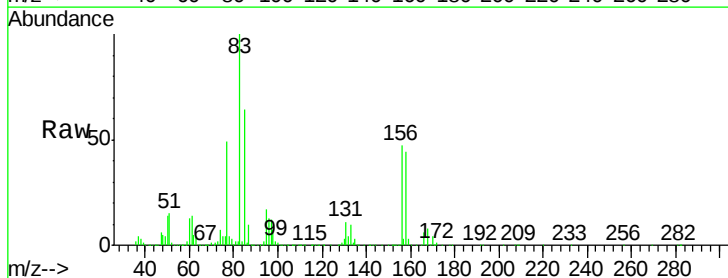
RT: 11.25 min Scan# 1667

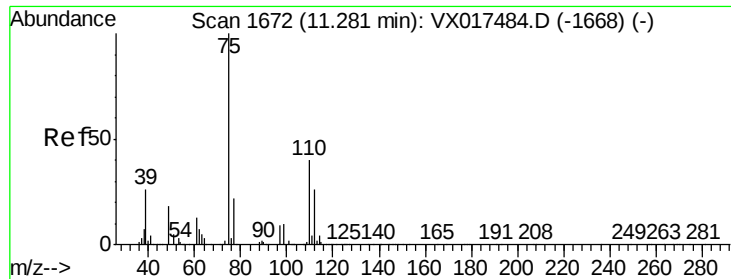
Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

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





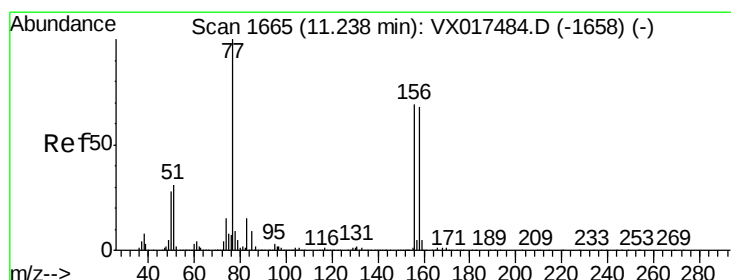
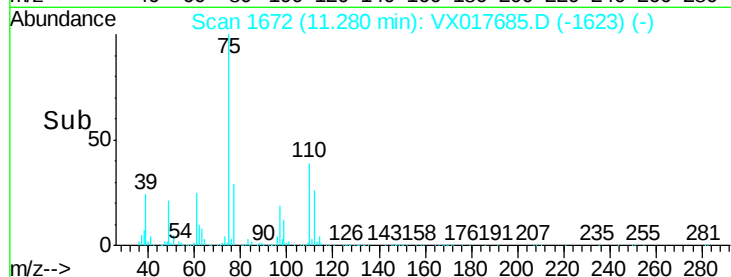
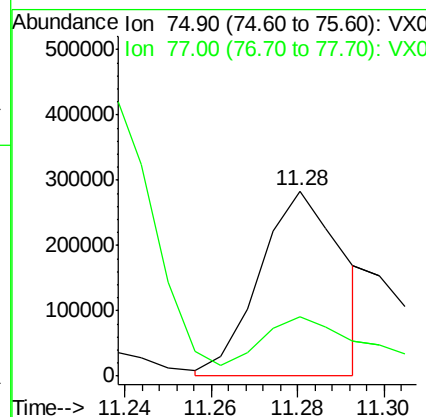
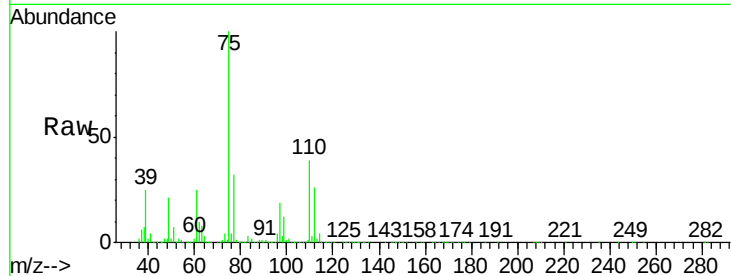
#76
1,2,3-Trichloropropane
Concen: 39.806 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
PK-10DMS

Tot Ion: 75 Resp: 378336
Ion Ratio Lower Upper
75 100
77 42.0 21.8 65.3

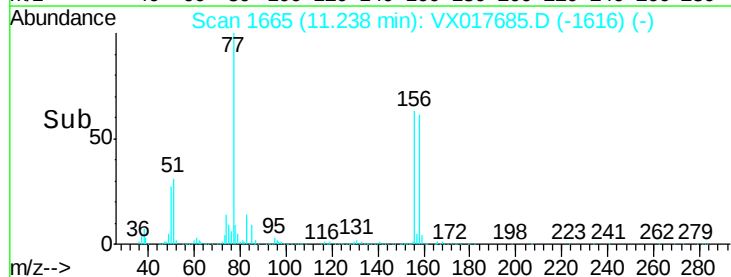
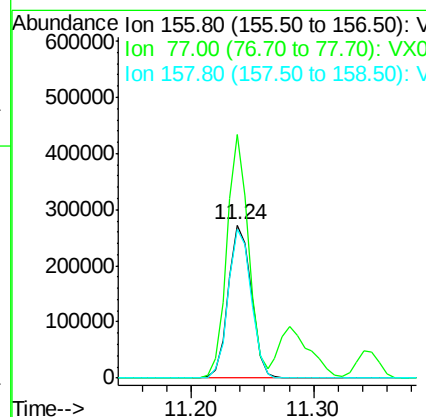
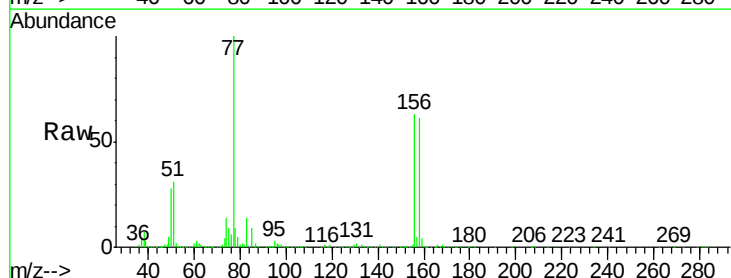
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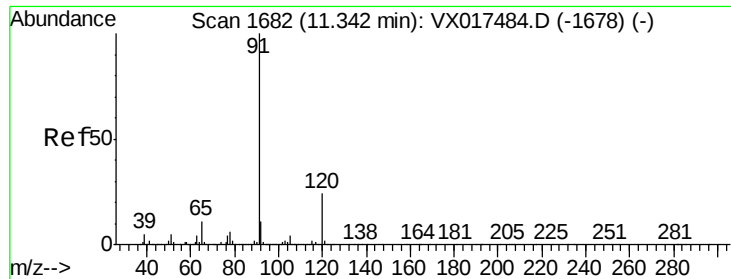
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#77
Bromobenzene
Concen: 40.043 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion: 156 Resp: 355328
Ion Ratio Lower Upper
156 100
77 149.6 75.0 225.0
158 97.6 49.1 147.3





#78

n-propylbenzene

Concen: 42.623 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampled :

PK-10DMS

Tot Ion: 91 Resp: 1523733

Ion Ratio Lower Upper

91 100

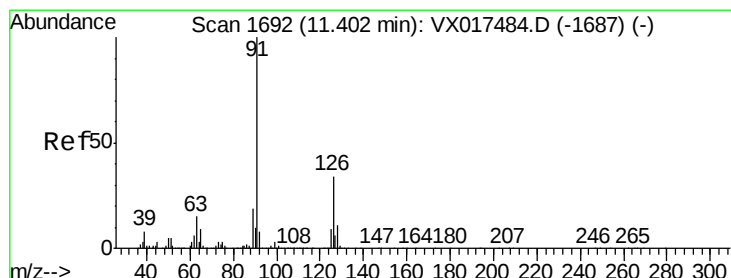
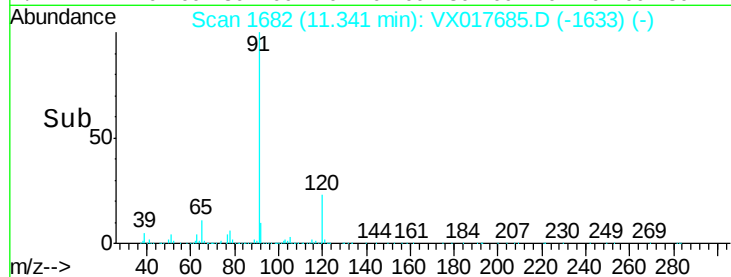
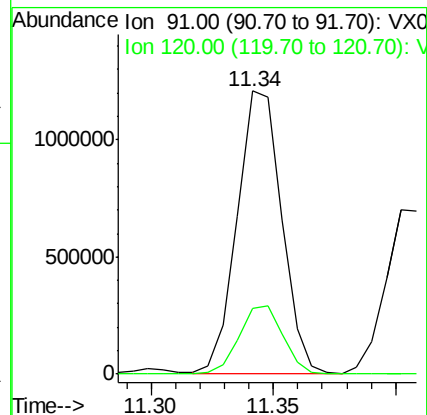
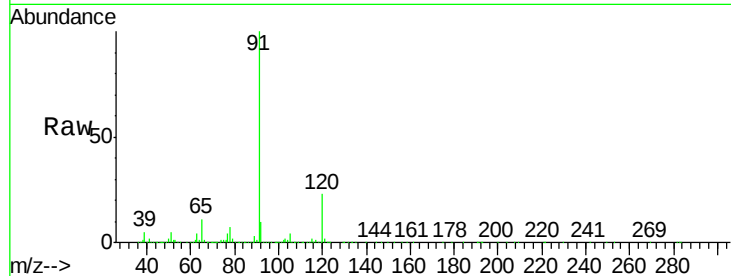
120 24.0 12.2 36.4

Manual Integrations

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#79

2-Chlorotoluene

Concen: 41.434 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017685.D

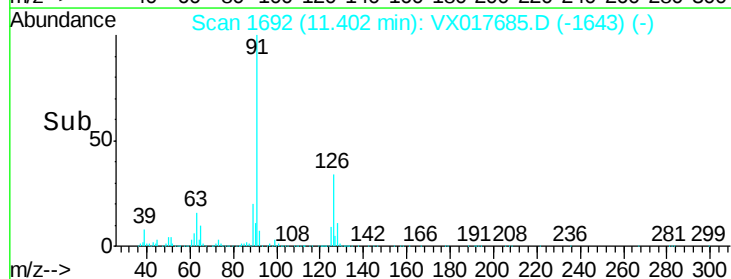
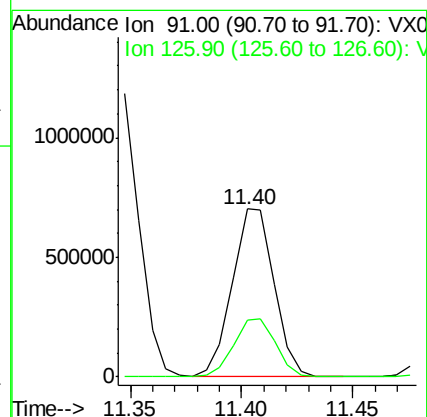
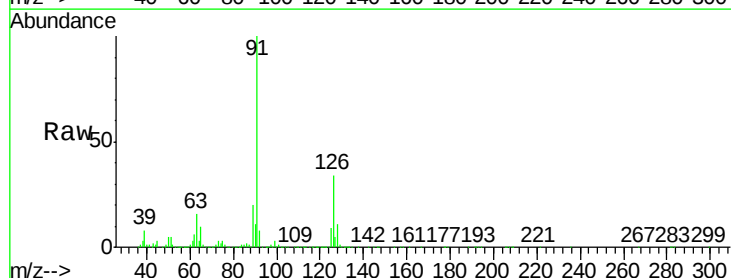
Acq: 30 Jul 2020 16:42

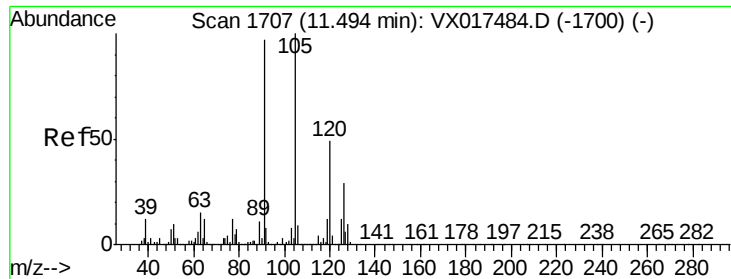
Tgt Ion: 91 Resp: 917568

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5





#80

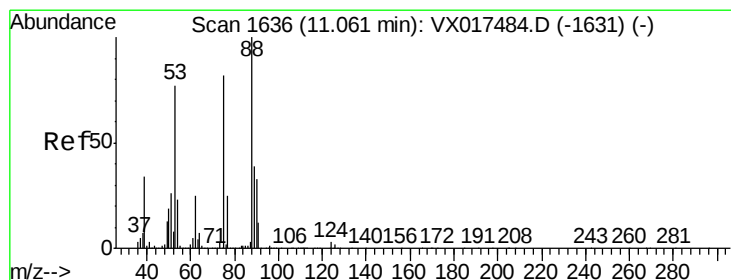
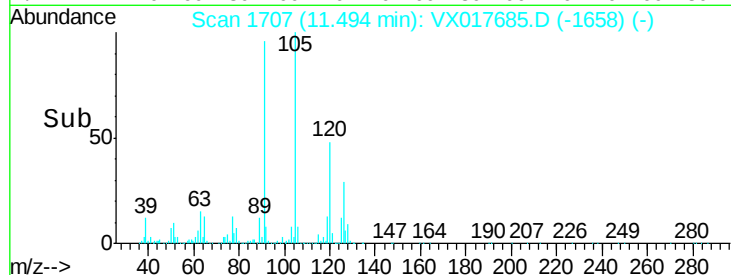
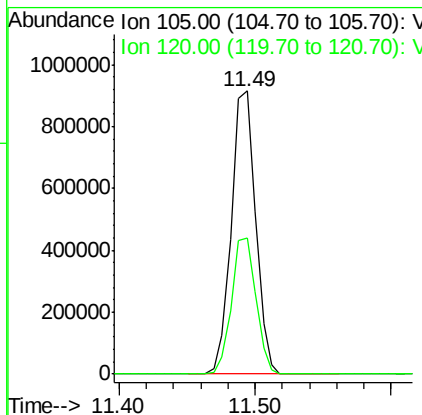
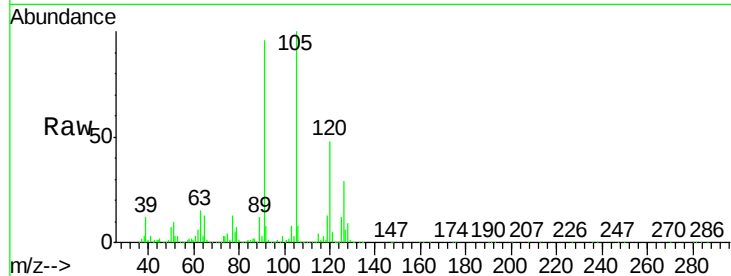
1,3,5-Trimethylbenzene
Concen: 42.071 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampled :
PK-10DMS

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

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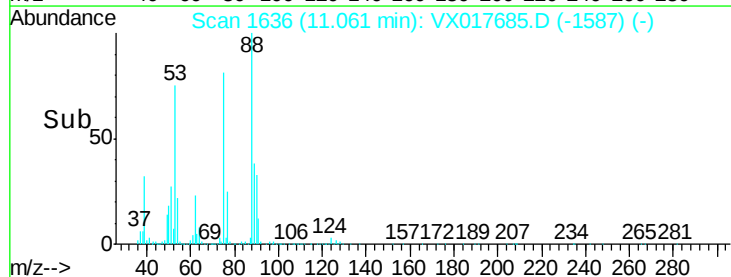
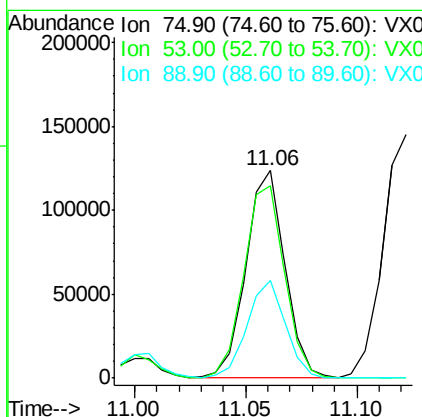
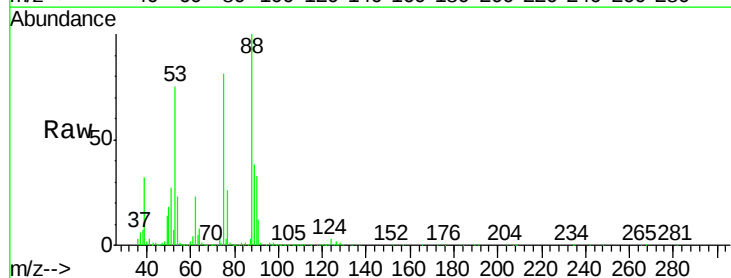
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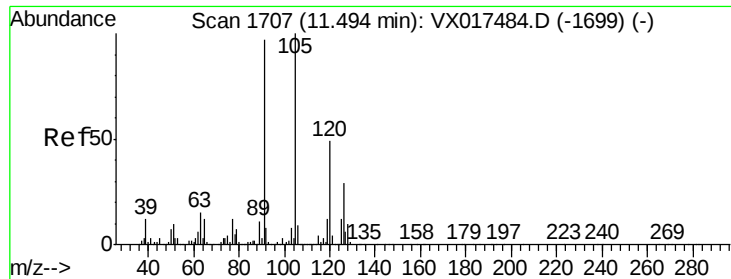


#81

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

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





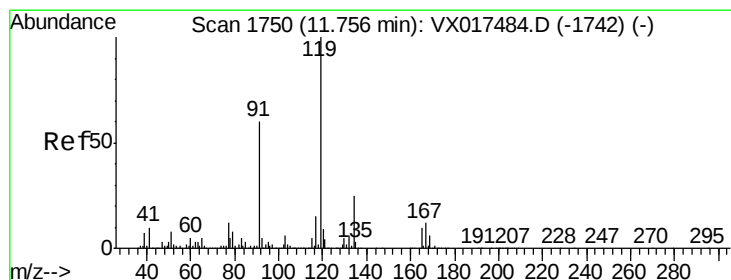
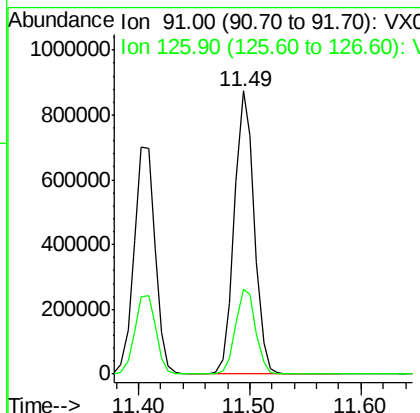
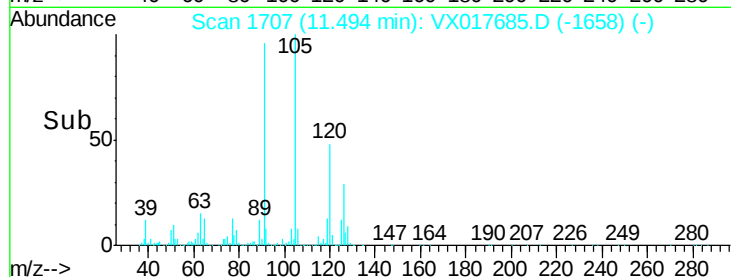
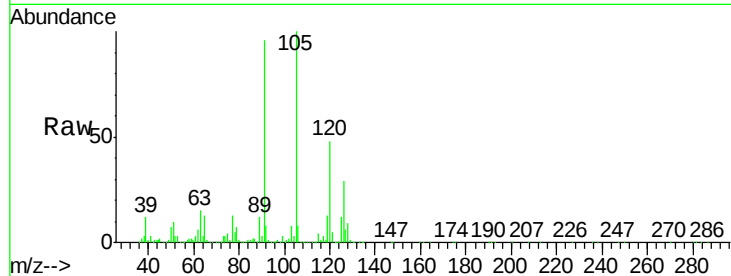
#82
4-Chlorotoluene
Concen: 41.251 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Instrument :
MSVOA_X
ClientSampled :
PK-10DMS

Tot Ion: 91 Resp: 1077581
Ion Ratio Lower Upper
91 100
126 30.2 15.2 45.6

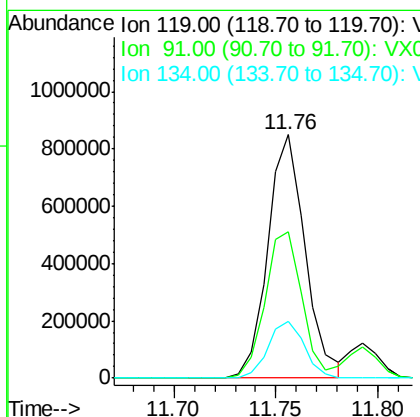
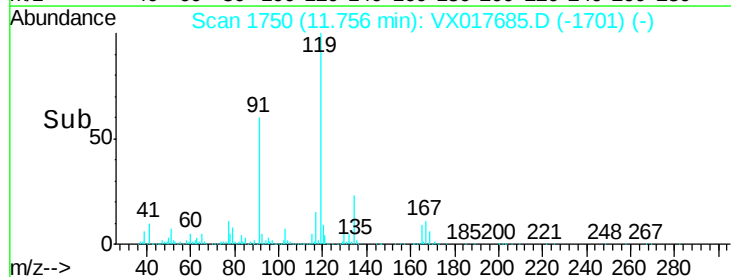
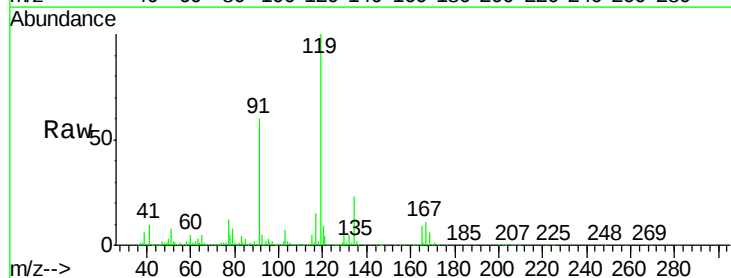
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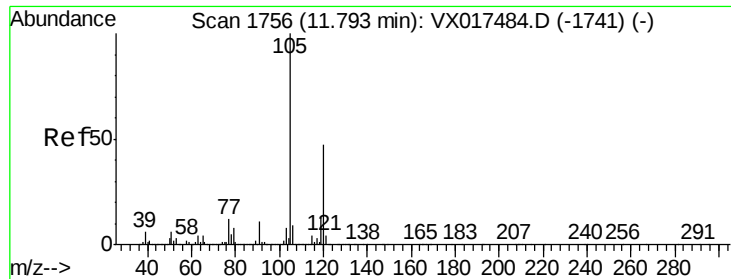
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#83
tert-Butylbenzene
Concen: 41.826 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017685.D
Acq: 30 Jul 2020 16:42

Tgt Ion: 119 Resp: 1083121
Ion Ratio Lower Upper
119 100
91 59.1 29.3 88.0
134 22.7 11.2 33.6





#84

1,2,4-Trimethylbenzene

Concen: 43.788 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampled :

PK-10DMS

Tot Ion:105 Resp: 1178658

Ion Ratio Lower Upper

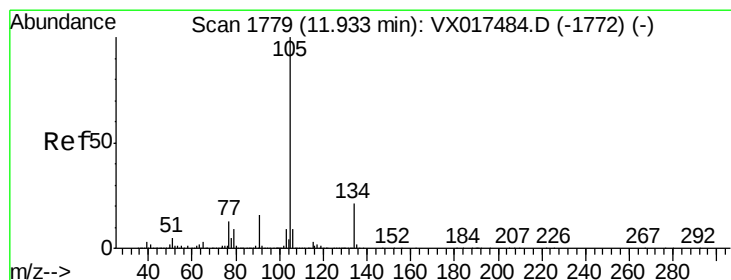
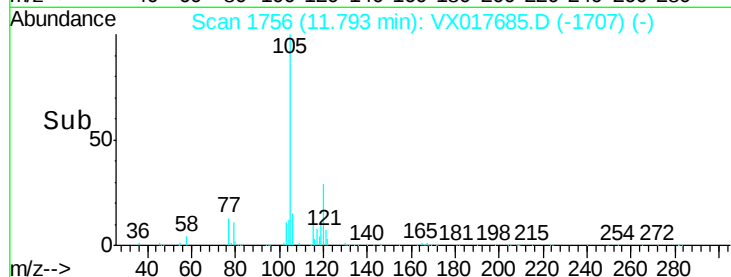
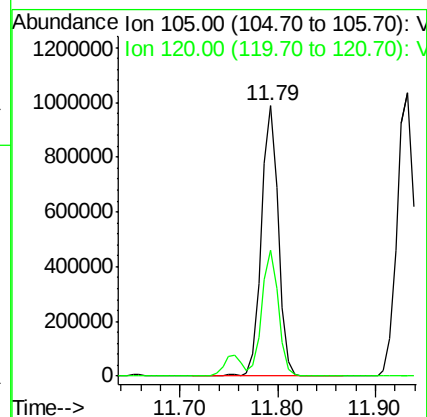
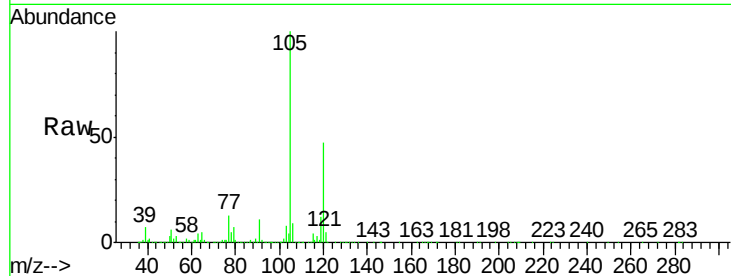
105 100

120 45.6 22.7 68.0

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#85

sec-Butylbenzene

Concen: 41.783 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017685.D

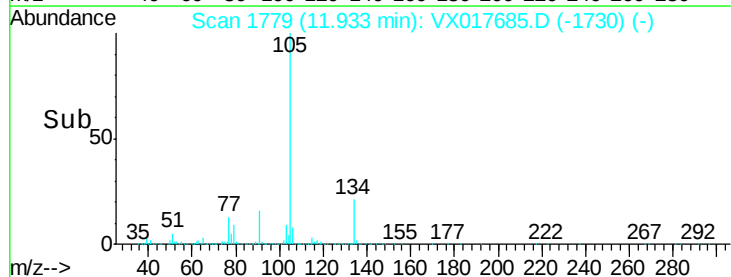
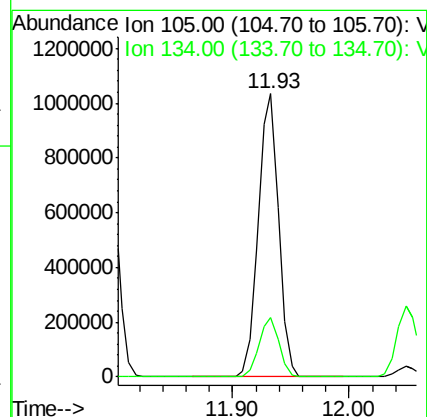
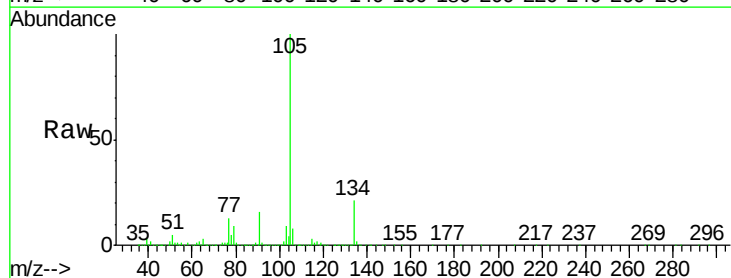
Acq: 30 Jul 2020 16:42

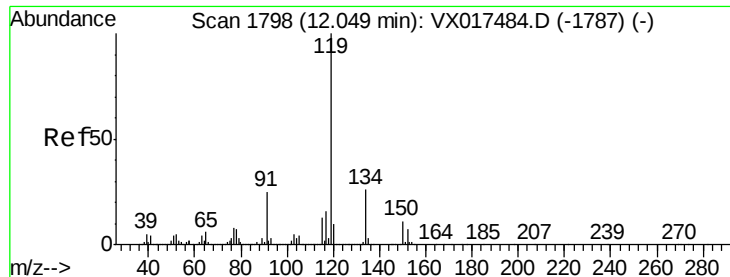
Tgt Ion:105 Resp: 1260438

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2





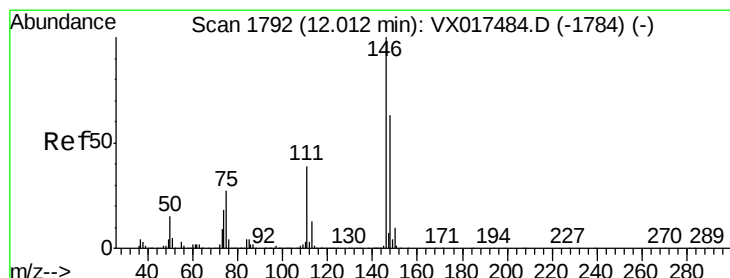
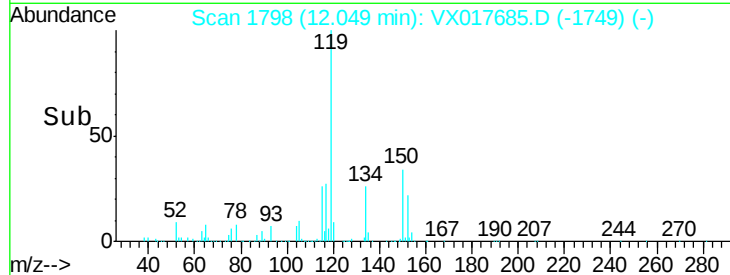
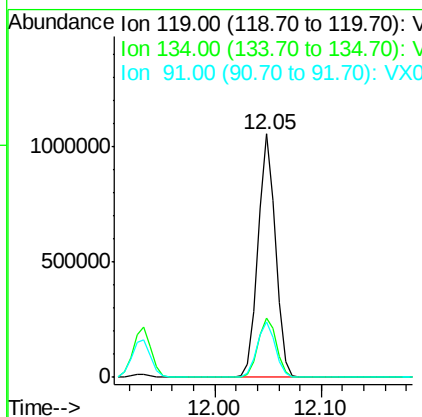
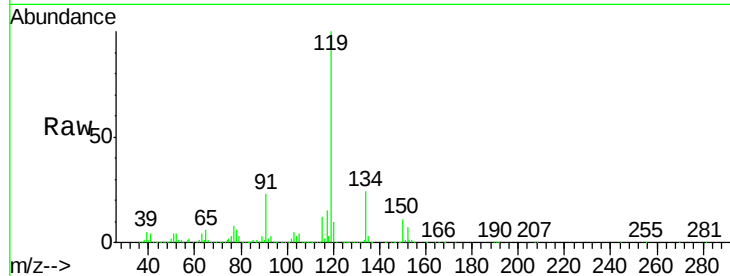
#86
 p-Isopropyltoluene
 Concen: 42.257 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

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

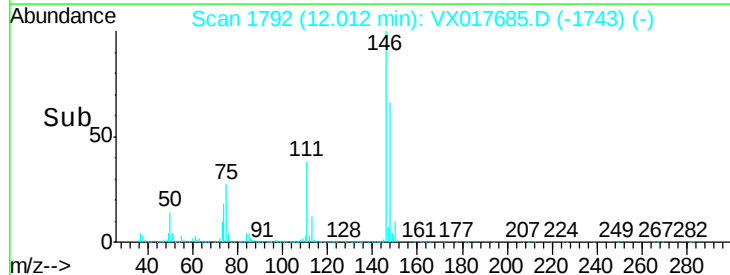
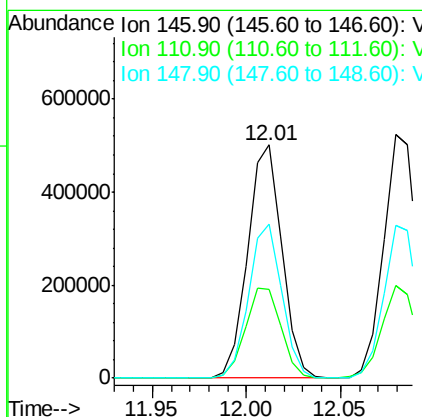
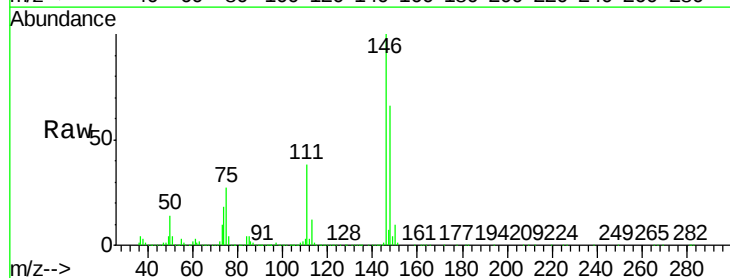
Manual Integrations
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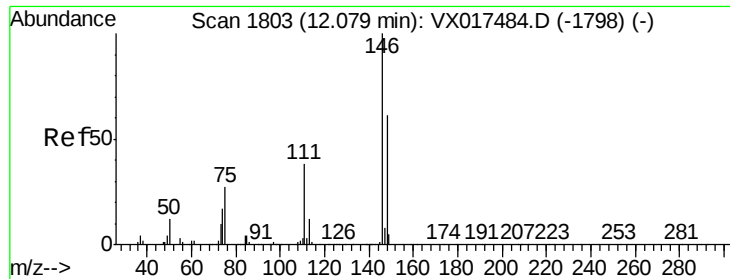
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#87
 1,3-Dichlorobenzene
 Concen: 41.395 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

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





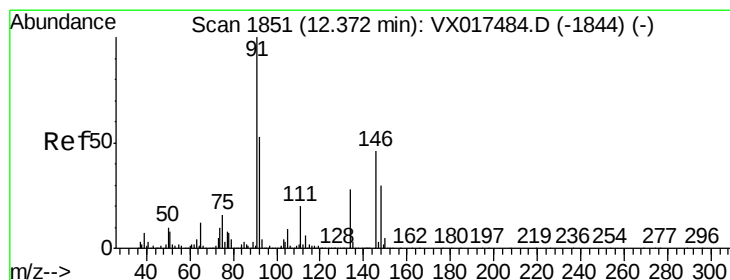
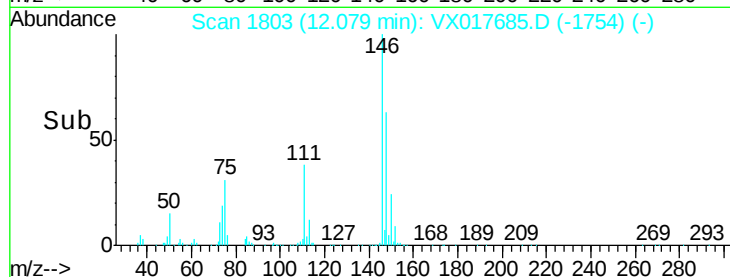
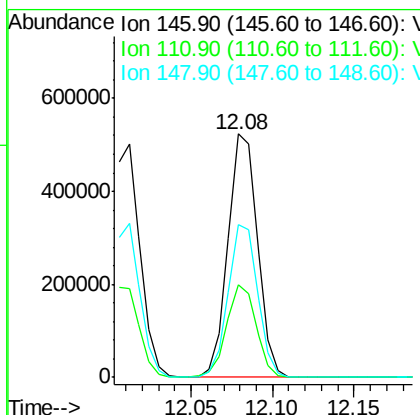
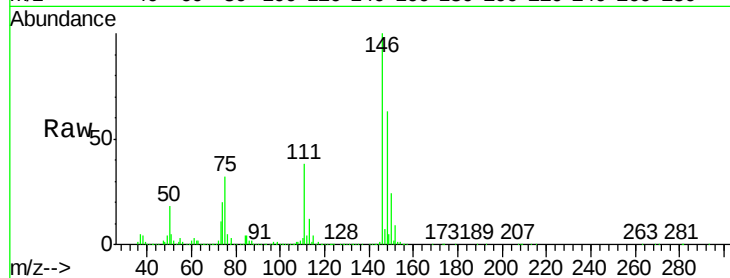
#88
 1,4-Dichlorobenzene
 Concen: 41.656 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.3	57.8
148	62.9	32.2	96.6

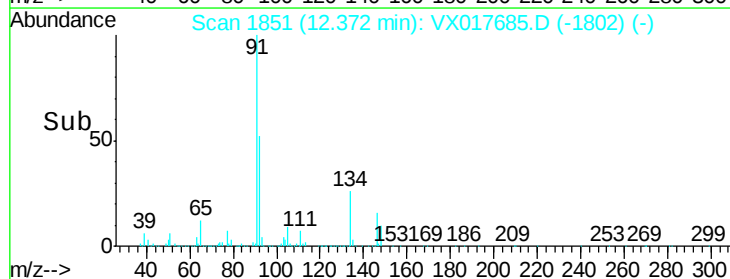
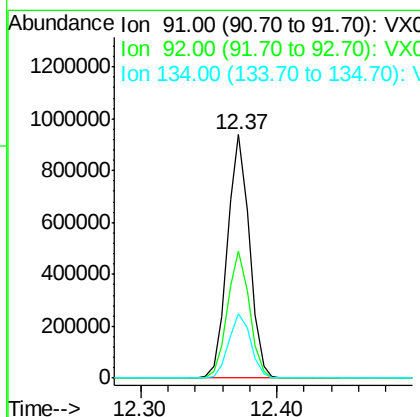
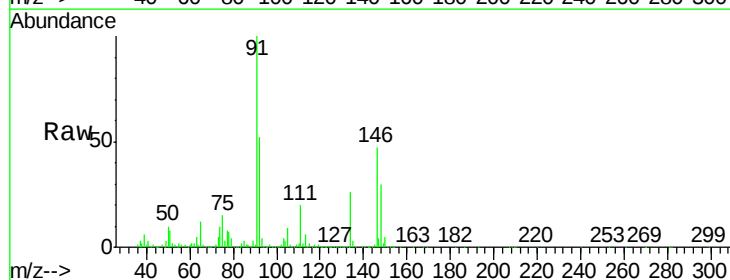
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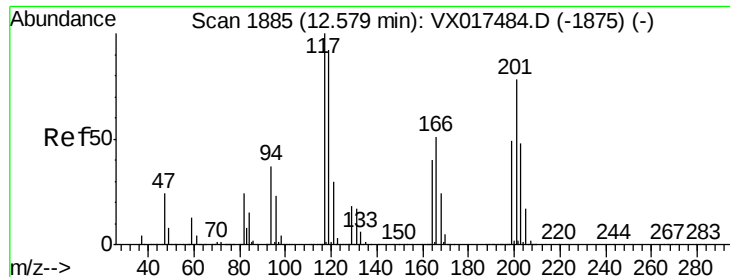
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#89
 n-Butylbenzene
 Concen: 40.962 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.7	80.1
134	26.6	13.6	40.7





#90

Hexachloroethane

Concen: 40.540 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

ClientSampled :

PK-10DMS

Tot Ion:117 Resp: 229607

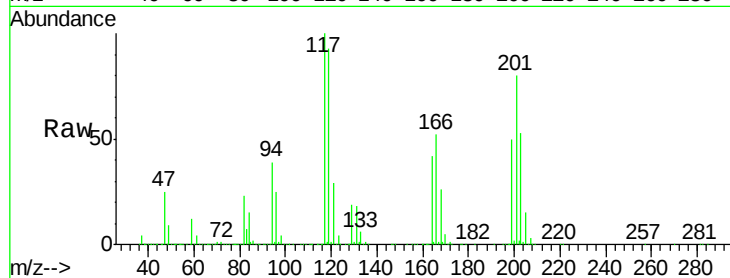
Ion Ratio Lower Upper

117 100

201 82.5 42.2 126.6

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

200000

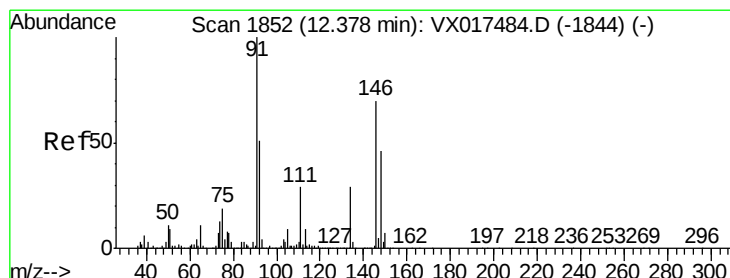
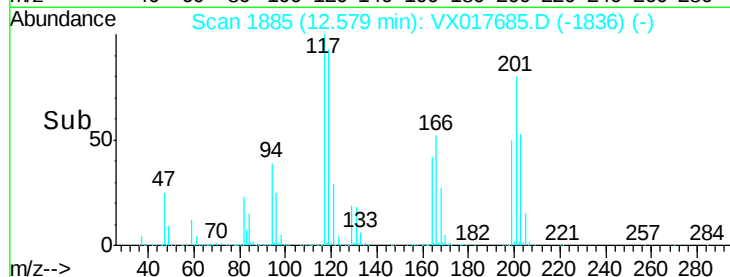
150000

100000

50000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 41.024 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

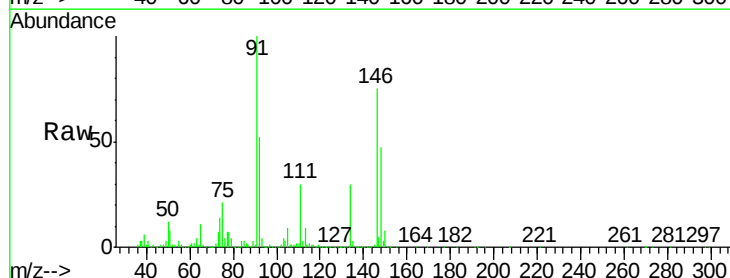
Tgt Ion:146 Resp: 614396

Ion Ratio Lower Upper

146 100

111 40.4 20.9 62.8

148 62.6 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.38

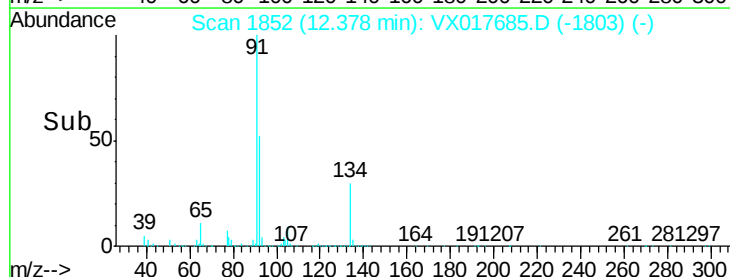
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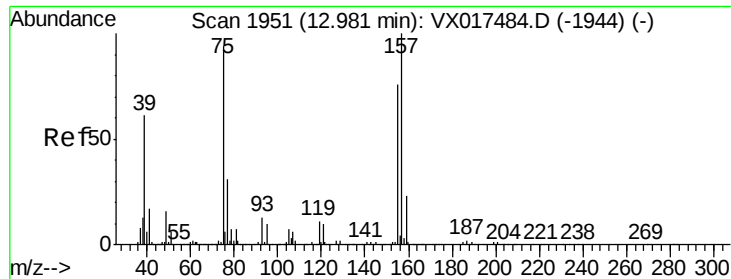
400000

200000

0

Time-->





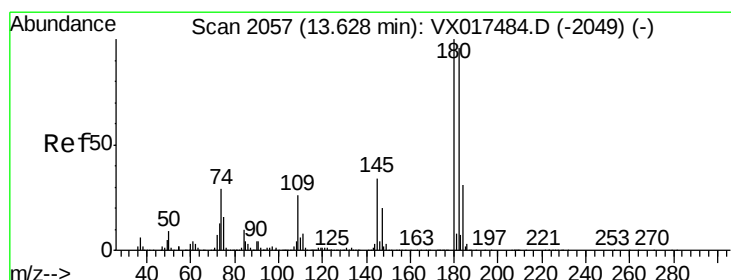
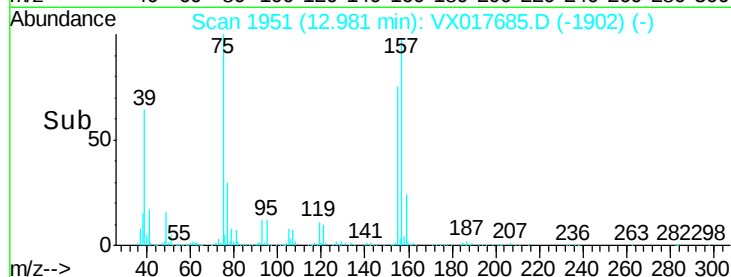
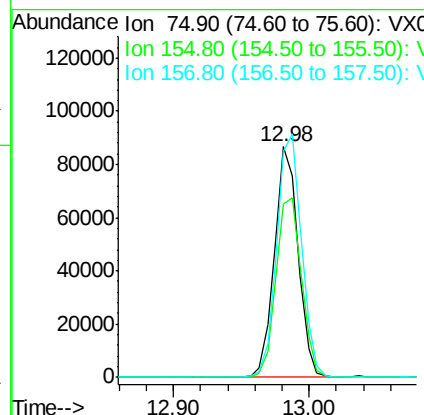
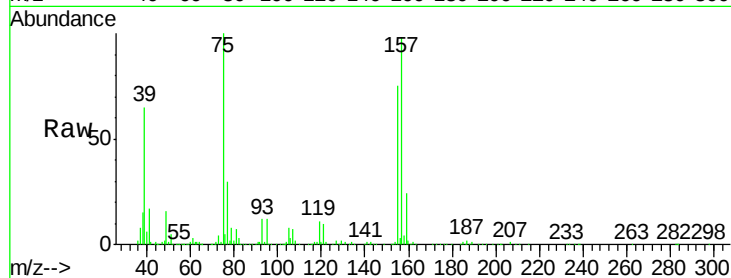
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.596 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

Tot Ion	Ratio	Lower	Upper
75	100		
155	83.7	42.3	126.8
157	109.8	54.3	162.9

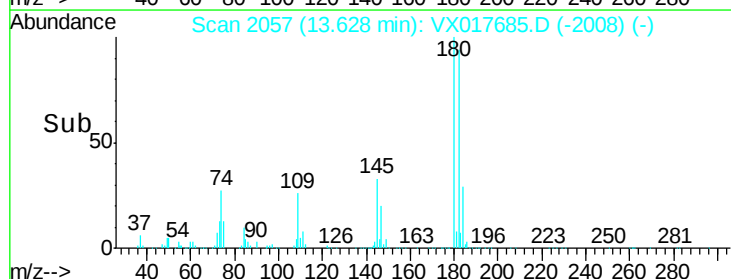
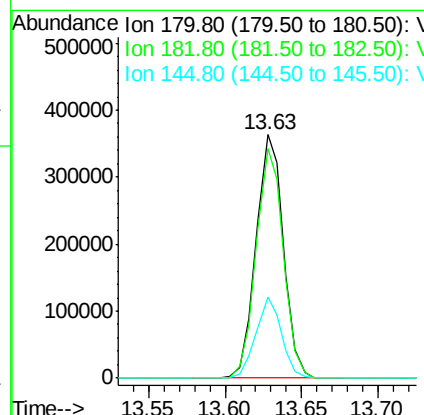
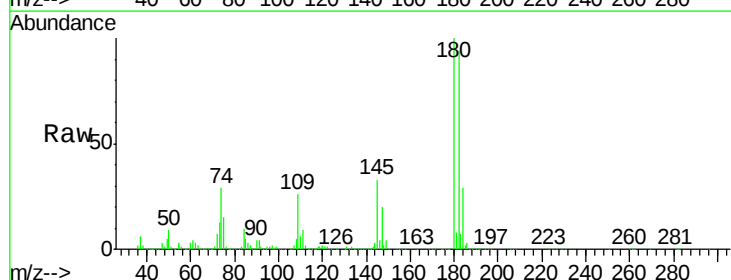
Manual Integrations
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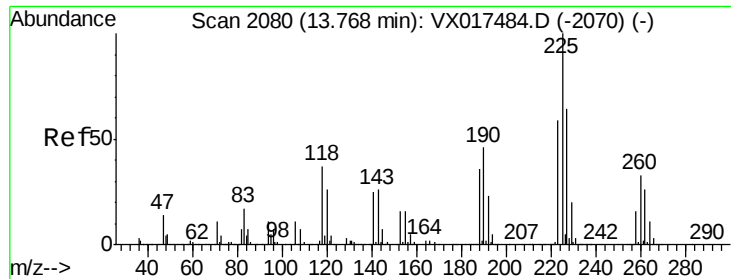
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#93
 1,2,4-Trichlorobenzene
 Concen: 44.092 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.5	142.6
145	31.4	15.4	46.4





#94

Hexachlorobutadiene

Concen: 38.875 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX017685.D

Acq: 30 Jul 2020 16:42

Instrument :

MSVOA_X

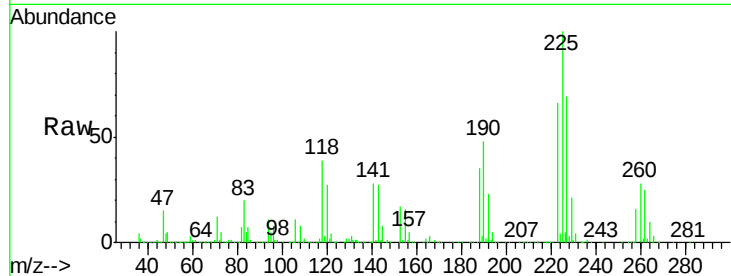
ClientSampled :

PK-10DMS

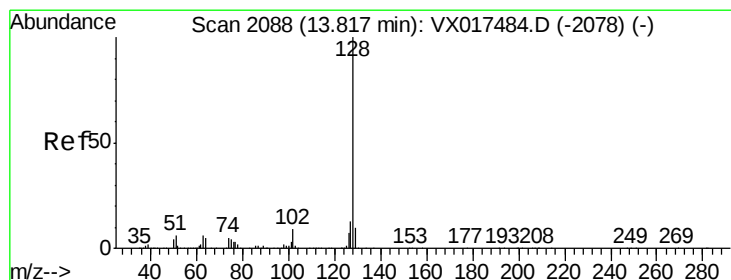
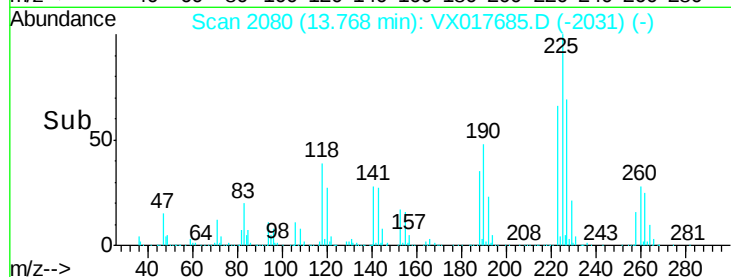
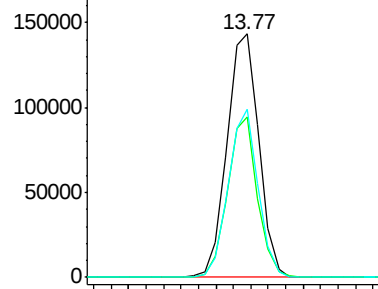
Tot Ion:	225	Resp:	182909
Ion Ratio		Lower	Upper
225	100		
223	61.3	30.3	90.9
227	64.2	31.1	93.2

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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: 45.915 ug/l

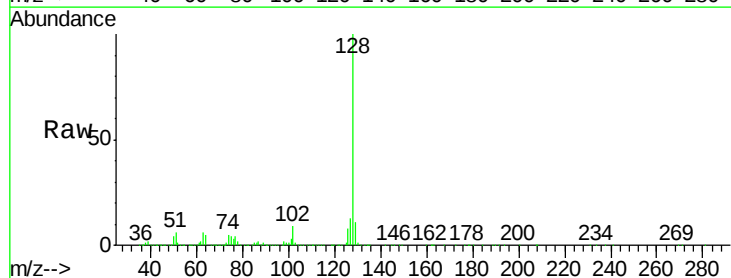
RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

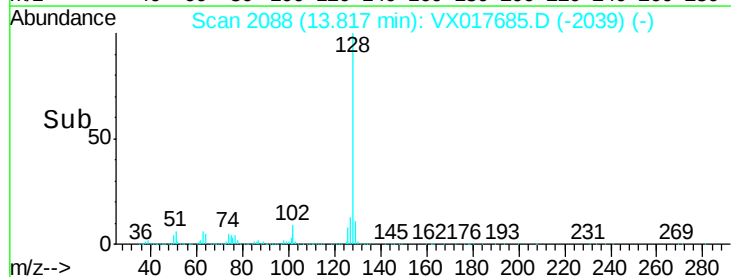
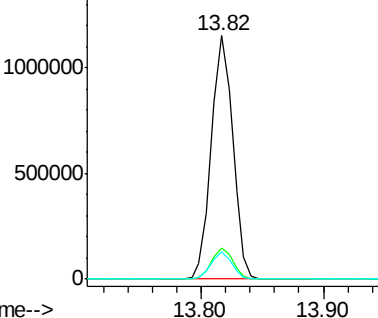
Lab File: VX017685.D

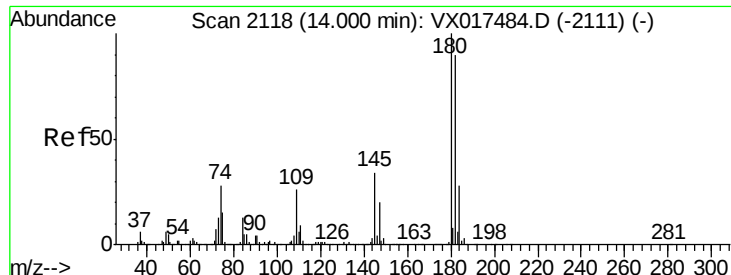
Acq: 30 Jul 2020 16:42

Tgt Ion:	128	Resp:	1400991
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 41.934 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX017685.D
 Acq: 30 Jul 2020 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10DMS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	423214		
182	96.8		47.4	142.3
145	32.2		16.3	48.9

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:58:01 AM

