

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017353.D
 Acq On : 13 Jul 2020 14:57
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071320

Manual Integrations
 APPROVED

MMDadoda
 7/14/2020 11:35:54 AM

Quant Time: Jul 14 03:09:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	353267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	522399	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	491009	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	271780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	195559	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	5.46	113	159784	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
50) Toluene-d8	8.70	98	587463	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
62) 4-Bromofluorobenzene	11.12	95	234878	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	154781	51.779	ug/l	100
3) Chloromethane	1.31	50	163373	48.546	ug/l	97
4) Vinyl Chloride	1.39	62	164112	49.294	ug/l	98
5) Bromomethane	1.62	94	107194	49.460	ug/l	100
6) Chloroethane	1.71	64	98488	46.867	ug/l	100
7) Trichlorofluoromethane	1.92	101	255763	45.516	ug/l	97
8) Diethyl Ether	2.17	74	89612	45.116	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137262	42.881	ug/l	99
10) Methyl Iodide	2.49	142	184155	43.722	ug/l	98
11) Tert butyl alcohol	3.01	59	167474	224.191	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132479	41.208	ug/l	97
13) Acrolein	2.27	56	94034	229.634	ug/l	98
14) Allyl chloride	2.70	41	258572	46.418	ug/l	98
15) Acrylonitrile	3.11	53	426650	235.603	ug/l	99
16) Acetone	2.42	43	337323	213.254	ug/l	99
17) Carbon Disulfide	2.55	76	425204	45.339	ug/l	100
18) Methyl Acetate	2.75	43	178269	45.630	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	518540	47.503	ug/l	99
20) Methylene Chloride	2.83	84	167271	43.342	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	165592	45.020	ug/l	97
22) Diisopropyl ether	3.82	45	512424	48.291	ug/l	92
23) Vinyl Acetate	3.78	43	2325233	249.166	ug/l	100
24) 1,1-Dichloroethane	3.67	63	286277	45.907	ug/l	100
25) 2-Butanone	4.63	43	580656	231.121	ug/l	98
26) 2,2-Dichloropropane	4.55	77	264115	45.508	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	187025	46.367	ug/l	98
28) Bromochloromethane	4.98	49	133980	46.508	ug/l	99
29) Tetrahydrofuran	5.09	42	386241	237.498	ug/l	98
30) Chloroform	5.17	83	301559	44.946	ug/l	98
31) Cyclohexane	5.54	56	255707	50.088	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	278544	44.908	ug/l	99
36) 1,1-Dichloropropene	5.77	75	229467	47.755	ug/l	100
37) Ethyl Acetate	4.79	43	233434	46.975	ug/l	99
38) Carbon Tetrachloride	5.75	117	255186	45.359	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	267879	51.337	ug/l	97
40) Benzene	6.11	78	658905	47.714	ug/l	99
41) Methacrylonitrile	5.00	41	132148	49.536	ug/l	98
42) 1,2-Dichloroethane	6.16	62	246274	45.901	ug/l	99
43) Isopropyl Acetate	6.41	43	392678	49.453	ug/l	99
44) Trichloroethene	7.18	130	196493	46.583	ug/l	95
45) 1,2-Dichloropropane	7.49	63	173969	49.235	ug/l	99
46) Dibromomethane	7.63	93	121803	47.796	ug/l	98
47) Bromodichloromethane	7.87	83	250854	47.084	ug/l	97
48) Methyl methacrylate	7.74	41	192006	50.390	ug/l	99
49) 1,4-Dioxane	7.71	88	72451	929.125	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1206491	249.188	ug/l	99
52) Toluene	8.76	92	430351	48.563	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	285920	49.814	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	299069	48.853	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	176732	47.826	ug/l	99
56) Ethyl methacrylate	9.16	69	272973	52.031	ug/l	99
57) 1,3-Dichloropropane	9.35	76	294319	47.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	699978	262.772	ug/l	99
59) 2-Hexanone	9.47	43	901853	246.793	ug/l	99
60) Dibromochloromethane	9.56	129	210137	46.548	ug/l	99
61) 1,2-Dibromoethane	9.65	107	193963	48.250	ug/l	100
64) Tetrachloroethene	9.32	164	195189	45.929	ug/l	99
65) Chlorobenzene	10.12	112	483118	48.417	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	191204	48.129	ug/l	98
67) Ethyl Benzene	10.23	91	836826	50.377	ug/l	98
68) m/p-Xylenes	10.34	106	648129	102.548	ug/l	98
69) o-Xylene	10.68	106	303992	50.336	ug/l	98
70) Styrene	10.70	104	535533	51.659	ug/l	99
71) Bromoform	10.84	173	161778	48.258	ug/l #	99
73) Isopropylbenzene	11.00	105	834957	49.008	ug/l	100
74) N-amyl acetate	10.88	43	360425	52.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	251860	48.689	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	251547m	50.089	ug/l	
77) Bromobenzene	11.24	156	228342	47.058	ug/l	97
78) n-propylbenzene	11.34	91	971682	50.783	ug/l	100
79) 2-Chlorotoluene	11.40	91	575673	48.822	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	723469	50.025	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	96949	48.972	ug/l	99
82) 4-Chlorotoluene	11.49	91	692517	49.558	ug/l	100
83) tert-Butylbenzene	11.76	119	703901	50.350	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	744750	50.973	ug/l	100
85) sec-Butylbenzene	11.93	105	827532	50.560	ug/l	99
86) p-Isopropyltoluene	12.05	119	793206	51.218	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	415123	47.823	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	415667	47.397	ug/l	99
89) n-Butylbenzene	12.37	91	685180	51.877	ug/l	99
90) Hexachloroethane	12.58	117	143862	48.931	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	387563	47.511	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59005	43.229	ug/l	98

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ClientSampleId :
ICVVX071320

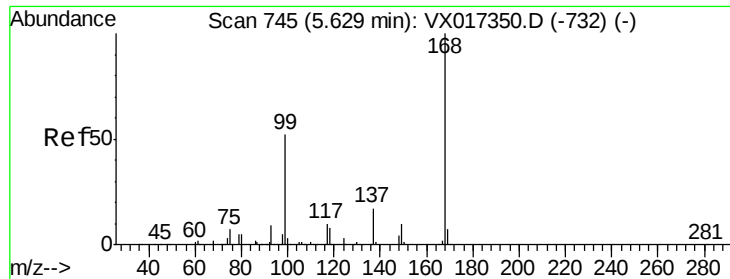
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	273633	48.323	ug/l	99
94) Hexachlorobutadiene	13.77	225	112534	48.731	ug/l	98
95) Naphthalene	13.82	128	852941	51.230	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	271651	49.663	ug/l	97

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



#1

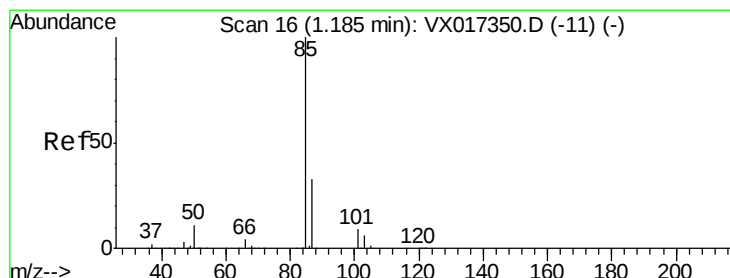
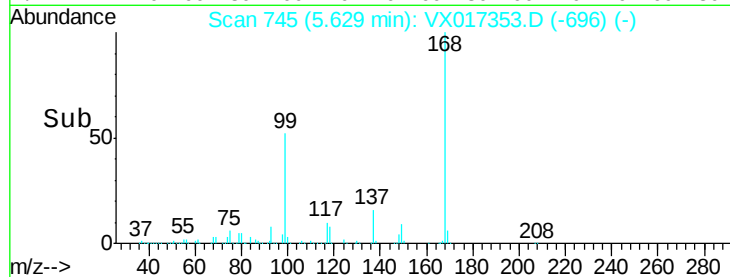
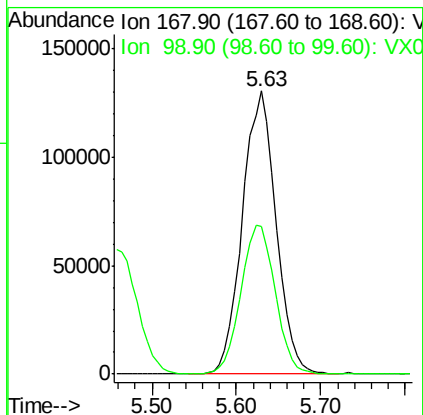
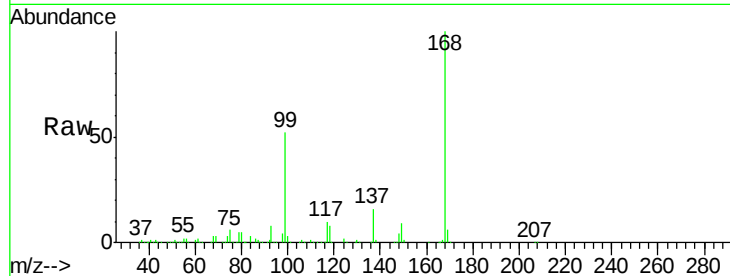
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071320

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.9	41.6	62.4

Manual Integrations
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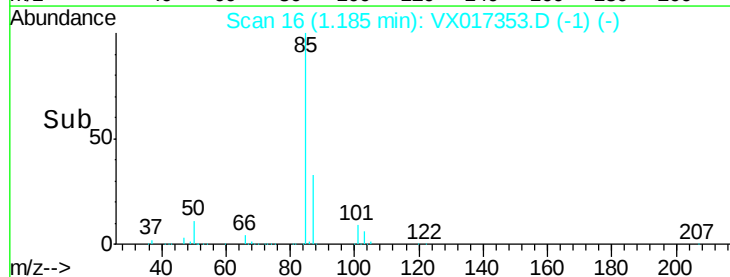
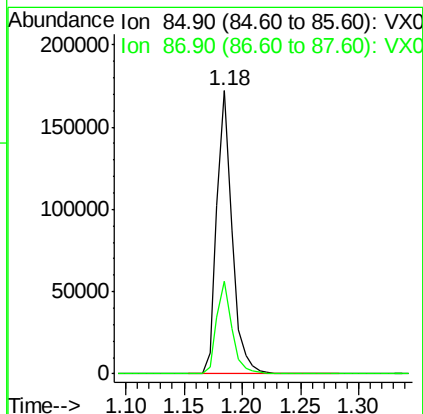
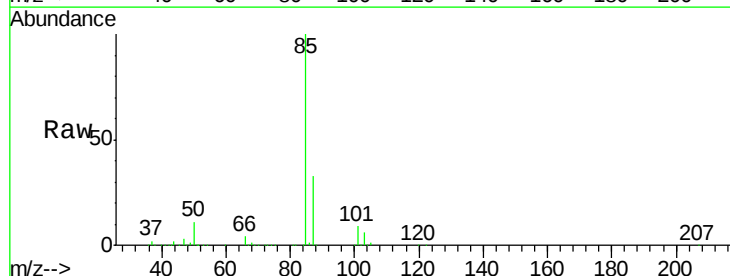
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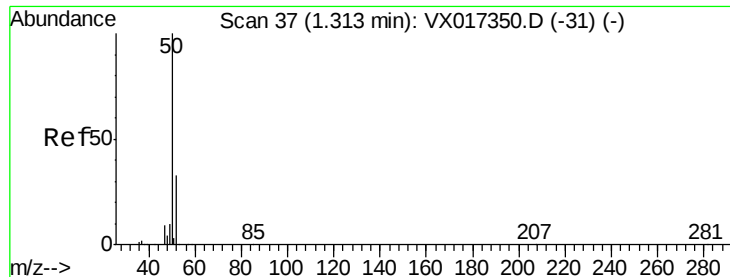


#2

Dichlorodifluoromethane
 Concen: 51.779 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.3	48.8





#3

Chloromethane

Concen: 48.546 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion: 50 Resp: 163373

Ion Ratio Lower Upper

50 100

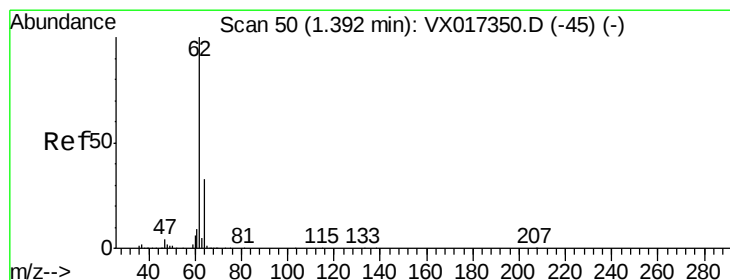
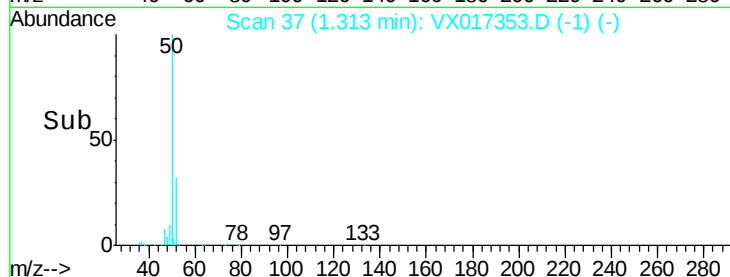
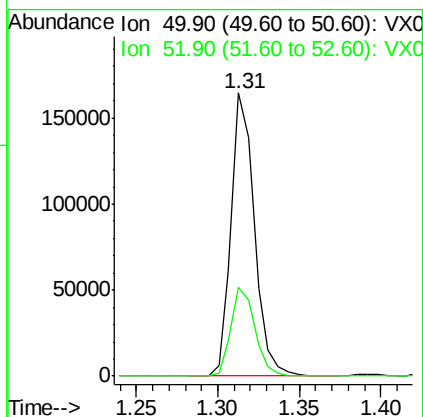
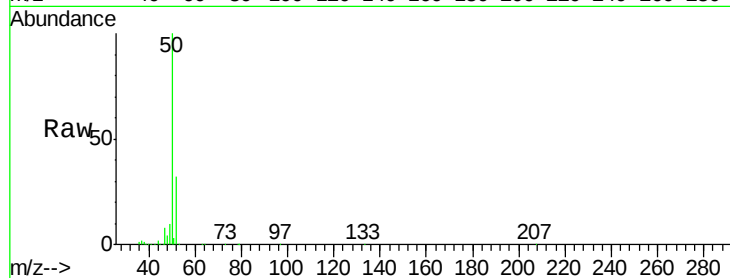
52 31.6 26.7 40.1

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#4

Vinyl Chloride

Concen: 49.294 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017353.D

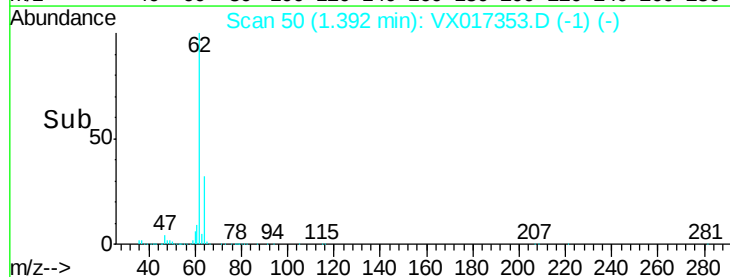
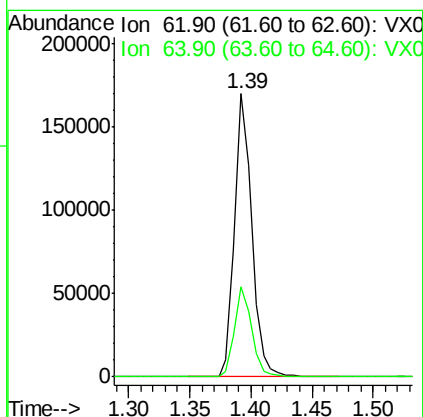
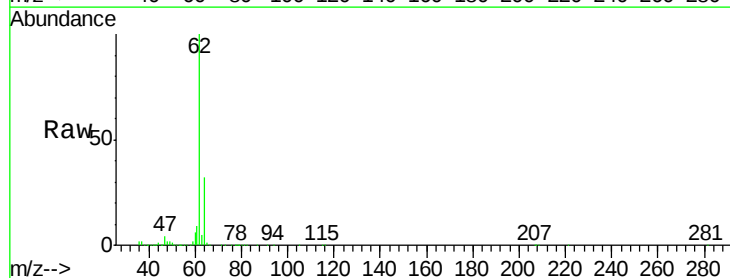
Acq: 13 Jul 2020 14:57

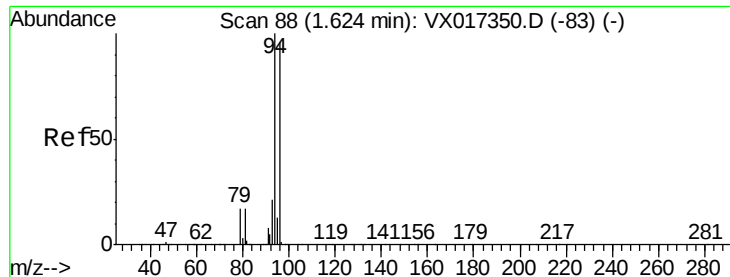
Tgt Ion: 62 Resp: 164112

Ion Ratio Lower Upper

62 100

64 31.6 26.3 39.5





#5

Bromomethane

Concen: 49.460 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion: 94 Resp: 107194

Ion Ratio Lower Upper

94 100

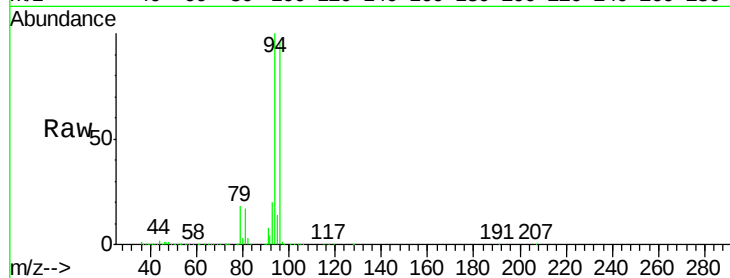
96 95.6 76.6 115.0

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

100000

80000

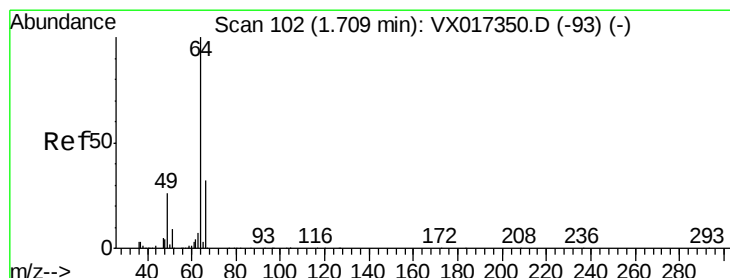
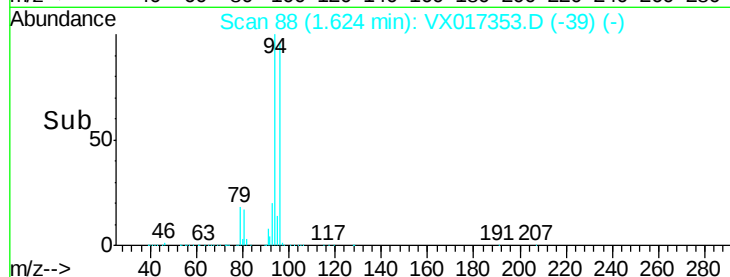
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 46.867 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017353.D

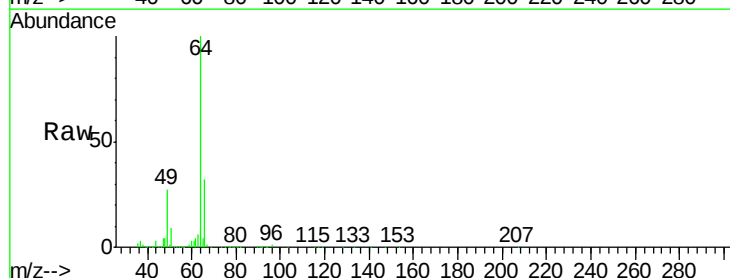
Acq: 13 Jul 2020 14:57

Tgt Ion: 64 Resp: 98488

Ion Ratio Lower Upper

64 100

66 32.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

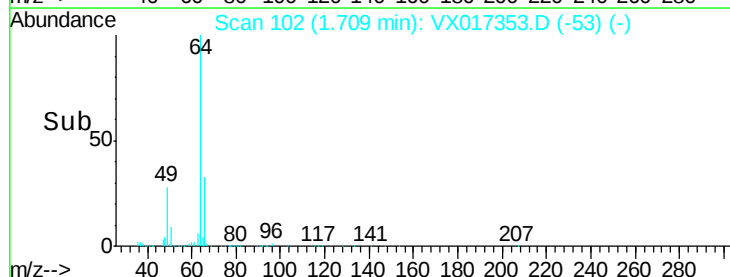
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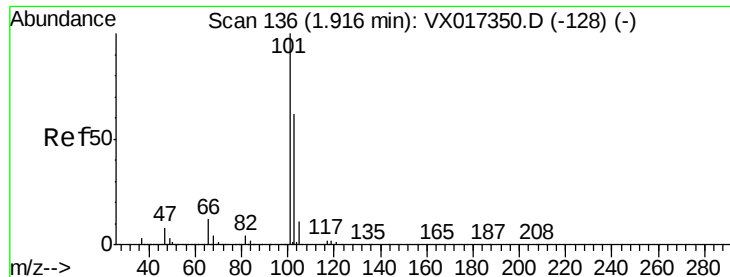
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Time-->





#7

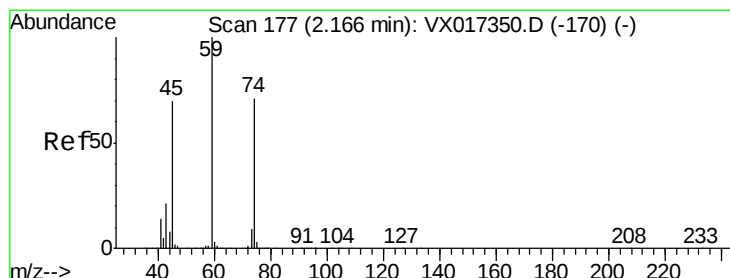
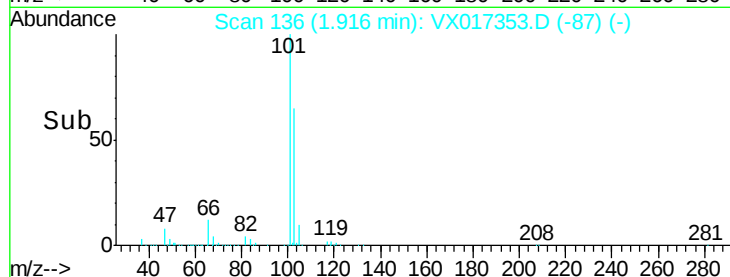
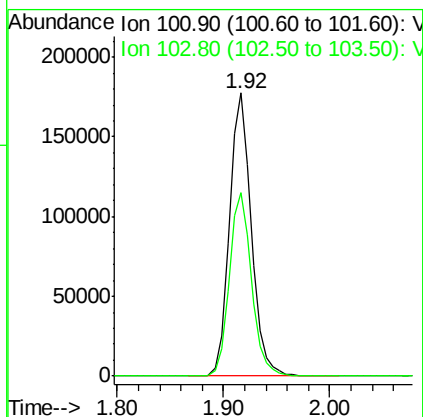
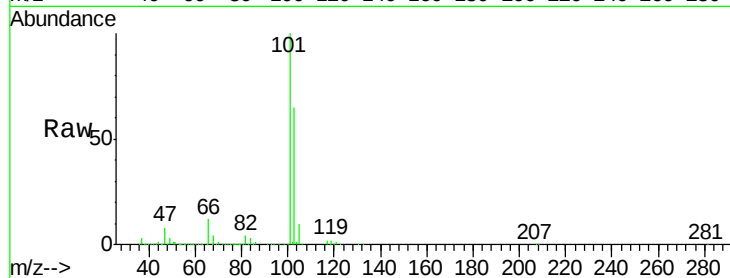
Trichlorofluoromethane
Concen: 45.516 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
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ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	49.6	74.4

Manual Integrations
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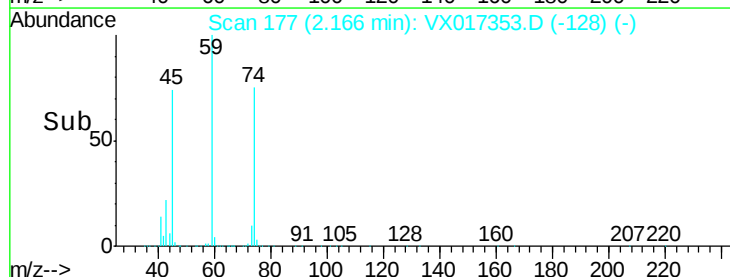
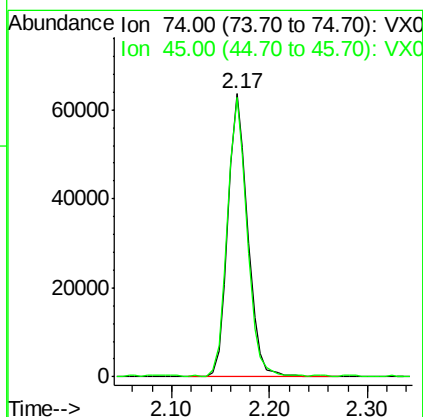
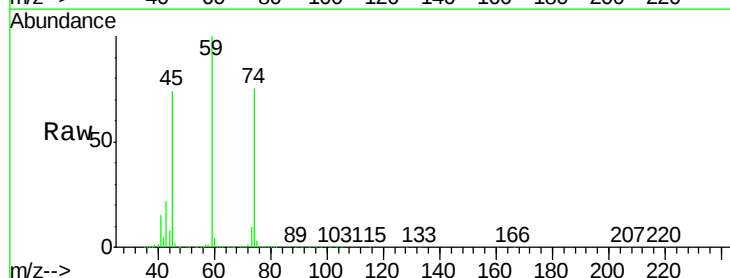
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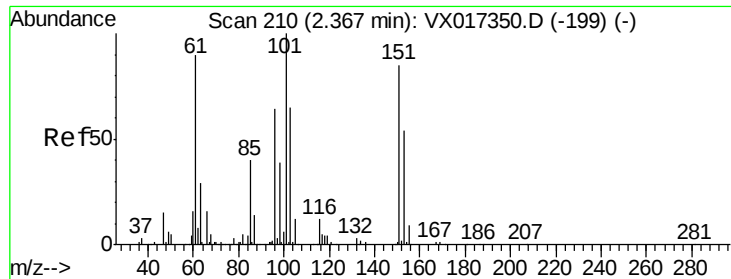


#8

Diethyl Ether
Concen: 45.116 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.881 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

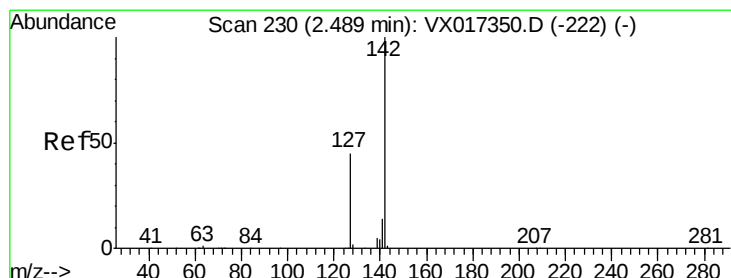
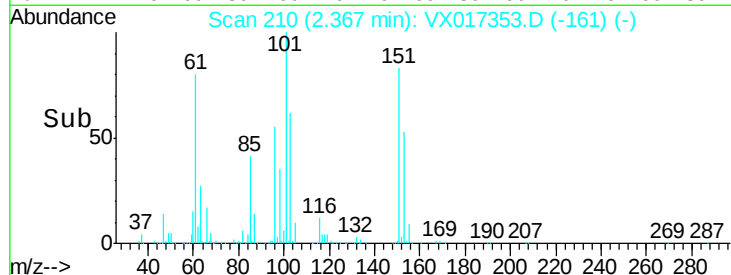
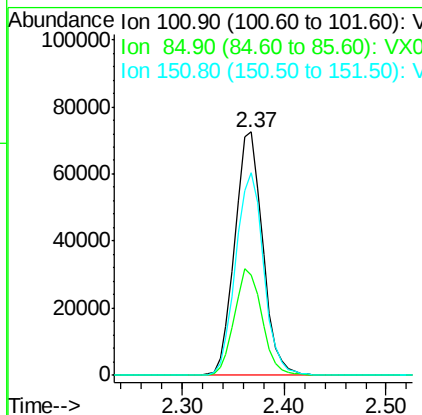
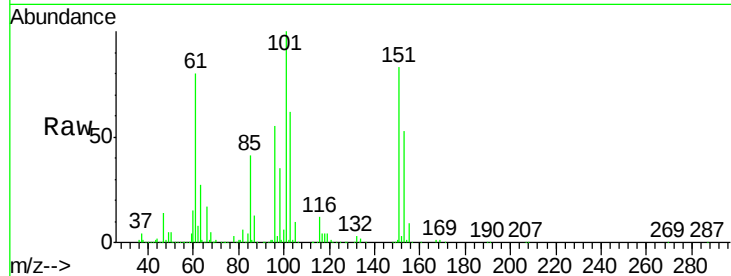
ClientSampleId :

ICVVX071320

Tot Ion:	101	Resp:	137262
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.7	50.5
151	83.4	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 43.722 ug/l

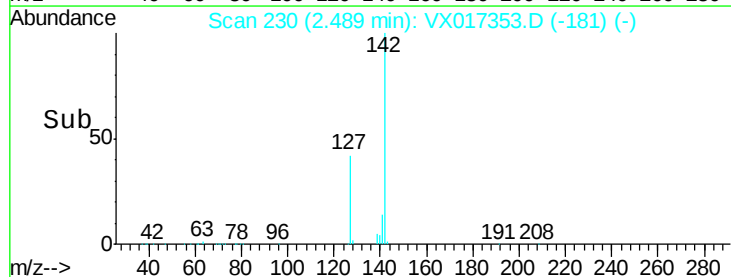
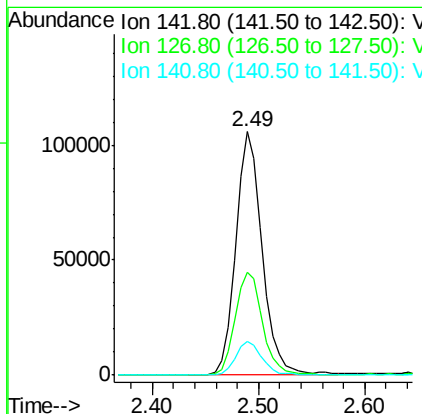
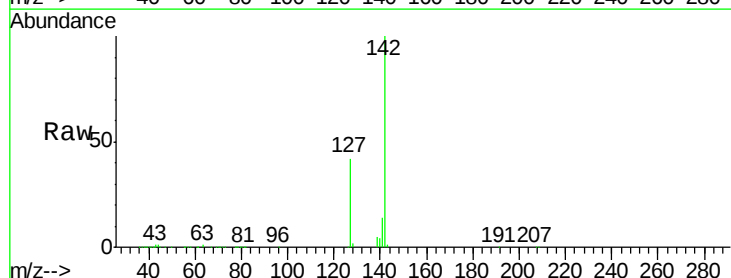
RT: 2.49 min Scan# 230

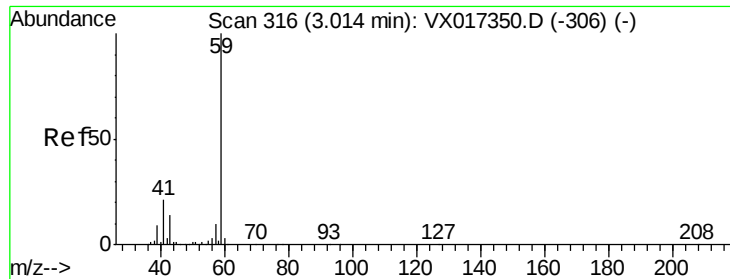
Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Tgt Ion:	142	Resp:	184155
Ion Ratio	Lower	Upper	
142	100		
127	44.0	36.8	55.2
141	13.8	11.4	17.0





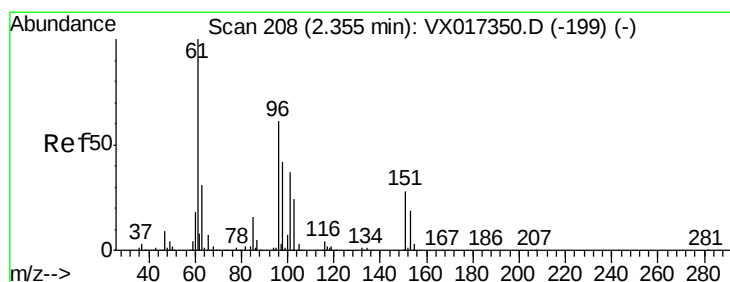
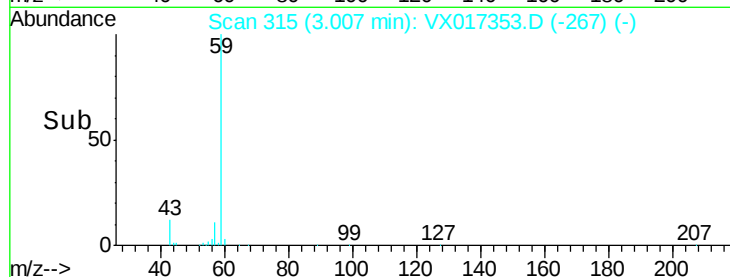
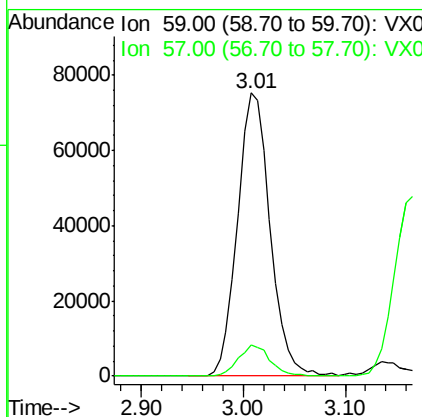
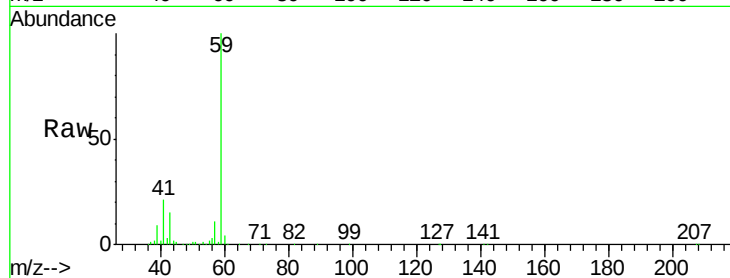
#11
Tert butyl alcohol
Concen: 224.191 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion: 59 Resp: 167474
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

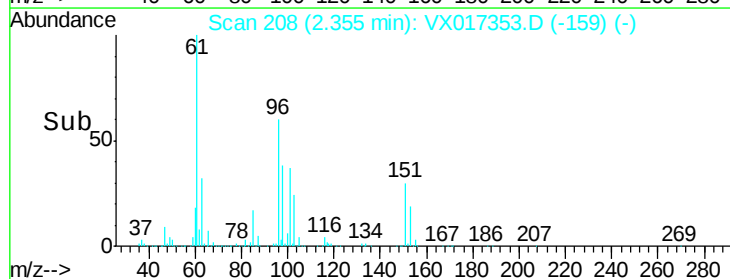
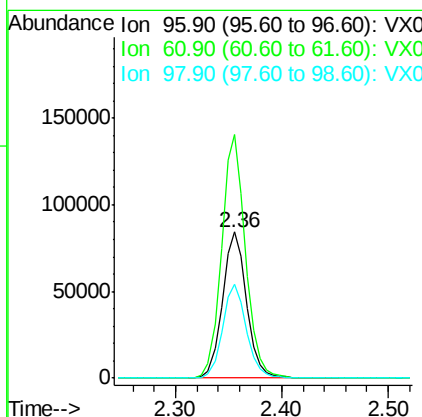
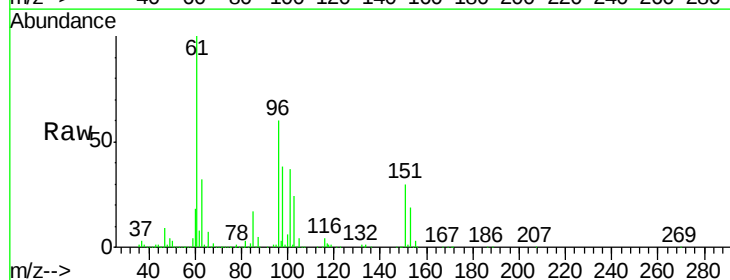
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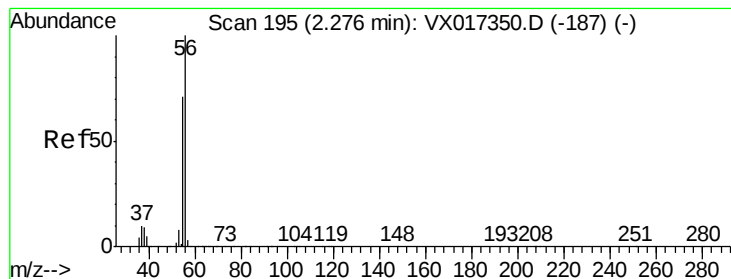
MMDadoda
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#12
1,1-Dichloroethene
Concen: 41.208 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion: 96 Resp: 132479
Ion Ratio Lower Upper
96 100
61 167.1 131.5 197.3
98 64.4 55.1 82.7





#13

Acrolein

Concen: 229.634 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion: 56 Resp: 94034

Ion Ratio Lower Upper

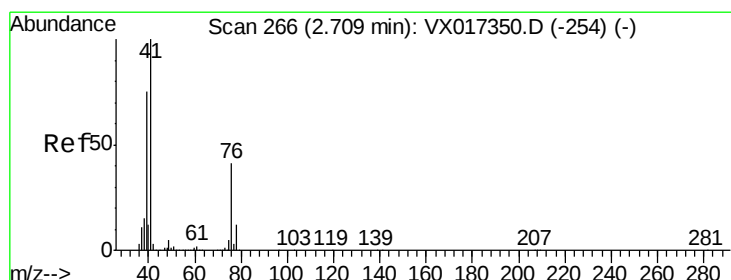
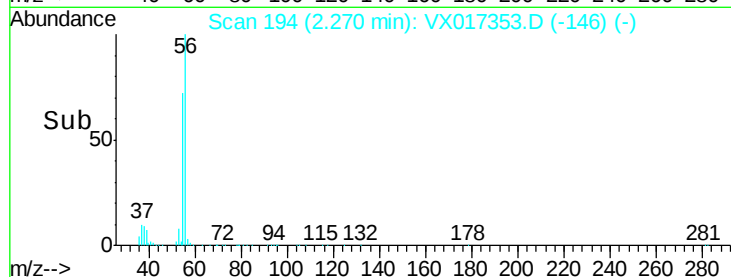
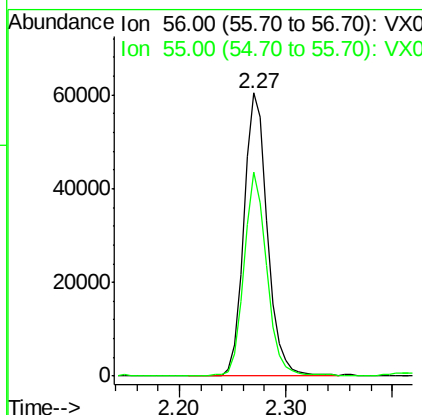
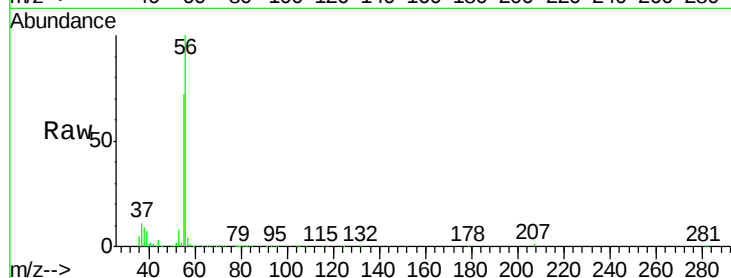
56 100

55 69.5 57.1 85.7

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#14

Allyl chloride

Concen: 46.418 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

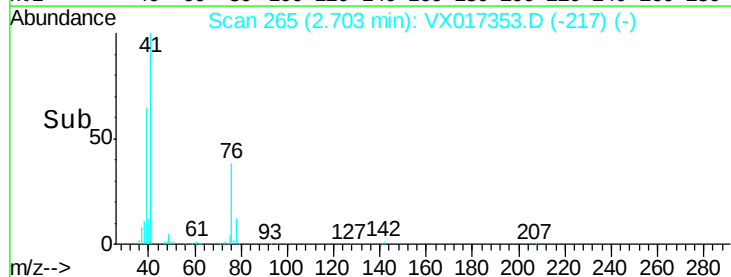
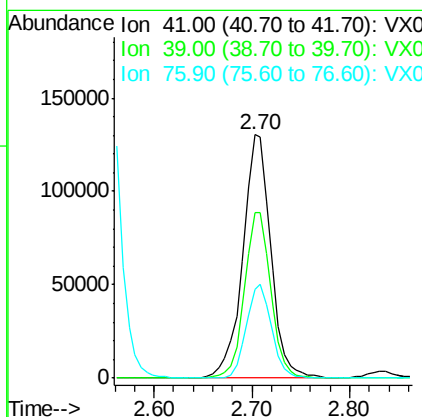
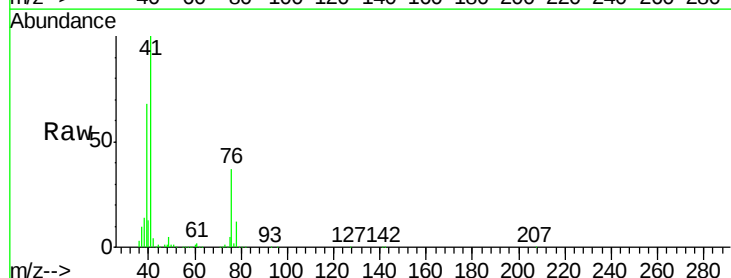
Tgt Ion: 41 Resp: 258572

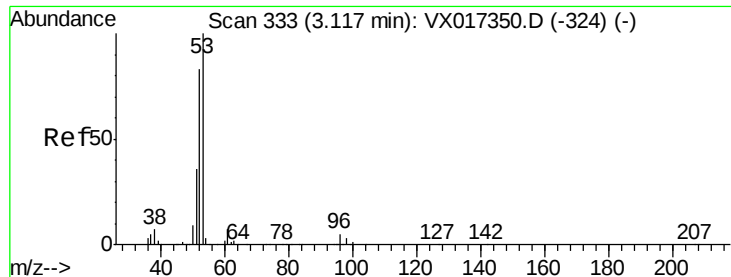
Ion Ratio Lower Upper

41 100

39 64.0 53.0 79.4

76 34.8 28.2 42.2





#15

Acrylonitrile

Concen: 235.603 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

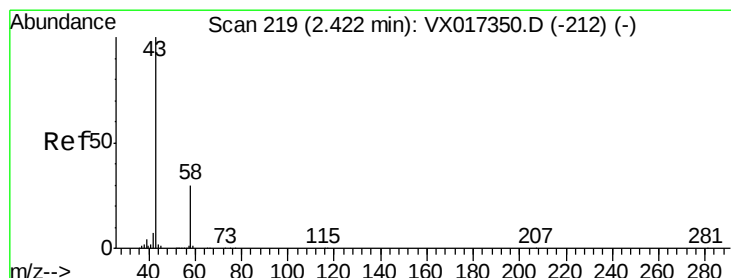
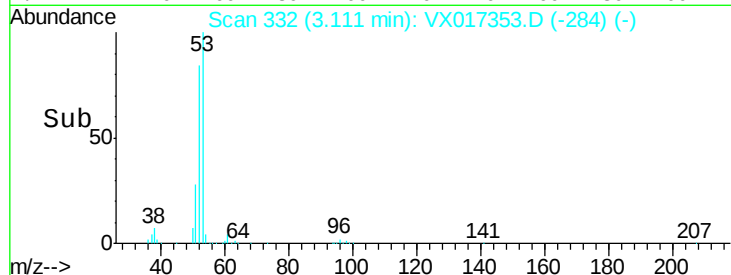
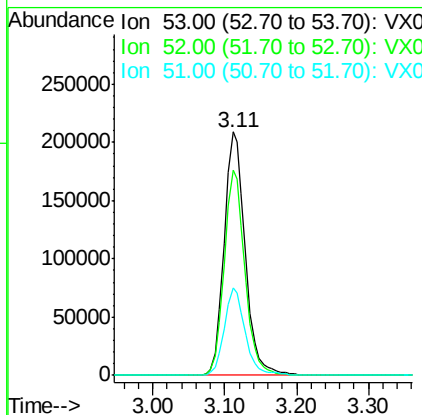
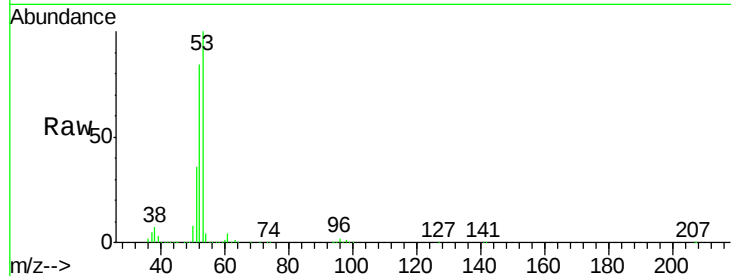
ClientSampleId :

ICVVX071320

Tot Ion:	53	Resp:	426650
Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.8	98.6
51	35.9	29.2	43.8

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#16

Acetone

Concen: 213.254 ug/l

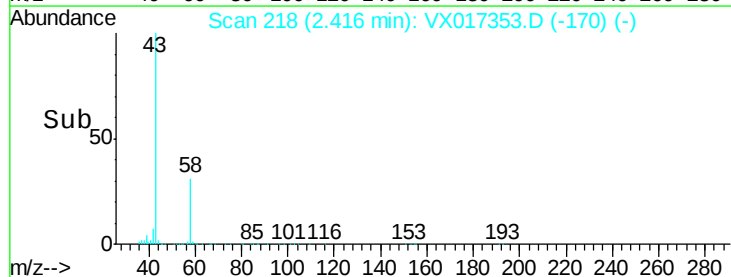
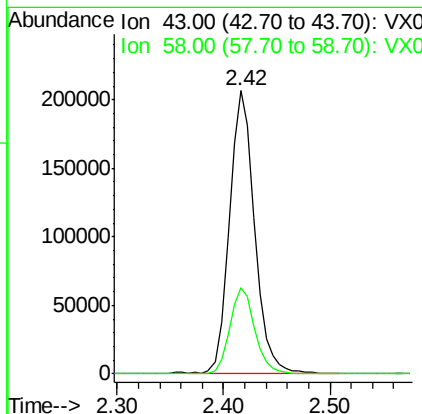
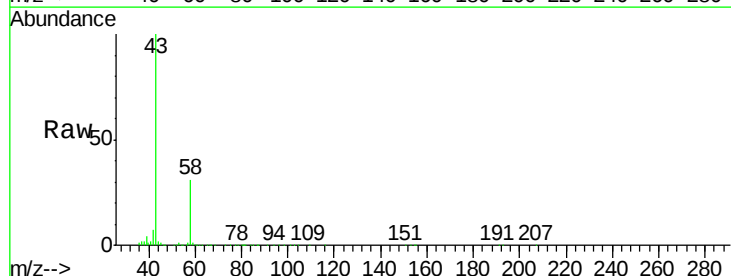
RT: 2.42 min Scan# 218

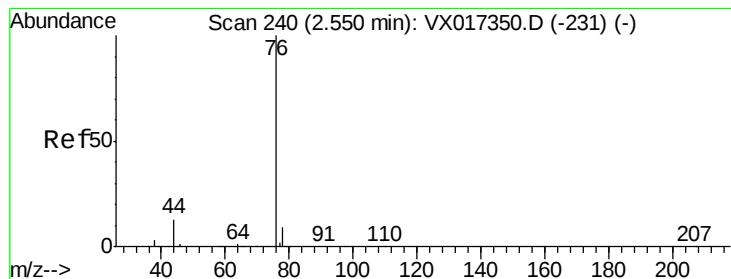
Delta R.T. -0.01 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Tgt Ion:	43	Resp:	337323
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.2	36.2





#17

Carbon Disulfide

Concen: 45.339 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion: 76 Resp: 425204

Ion Ratio Lower Upper

76 100

78 9.0

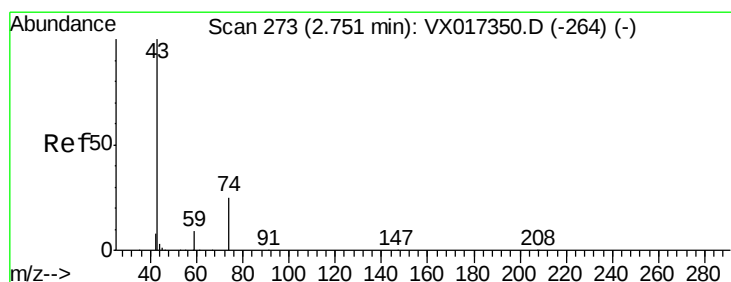
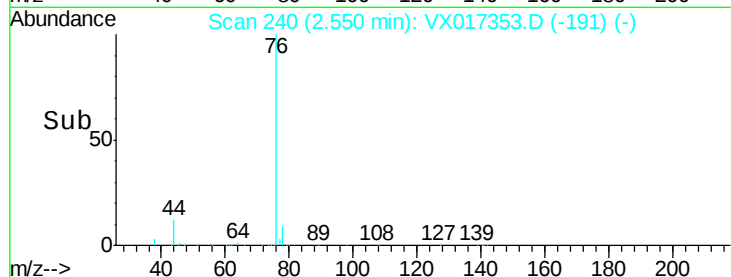
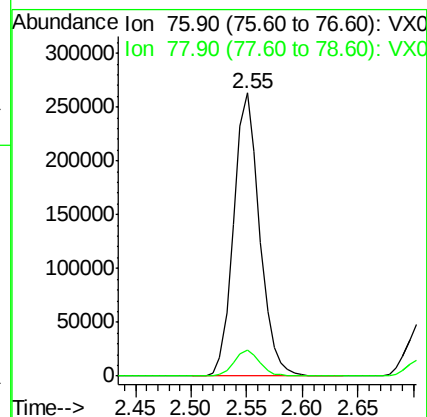
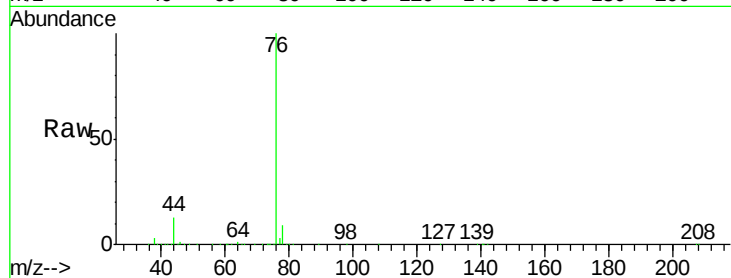
7.3 10.9

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#18

Methyl Acetate

Concen: 45.630 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

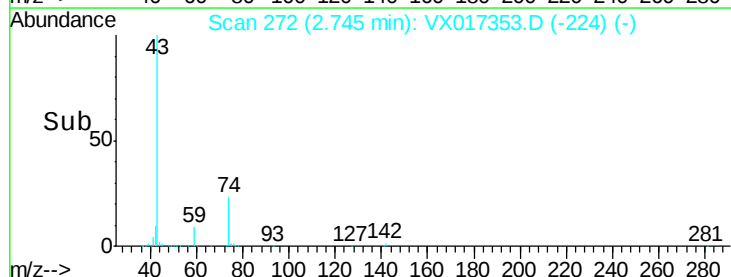
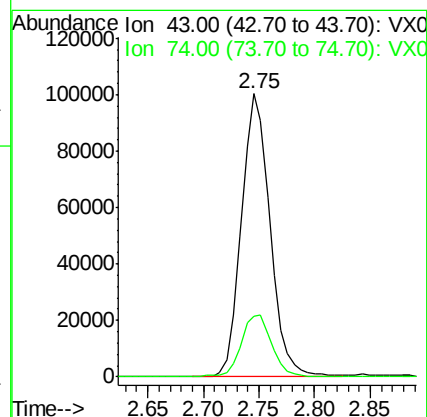
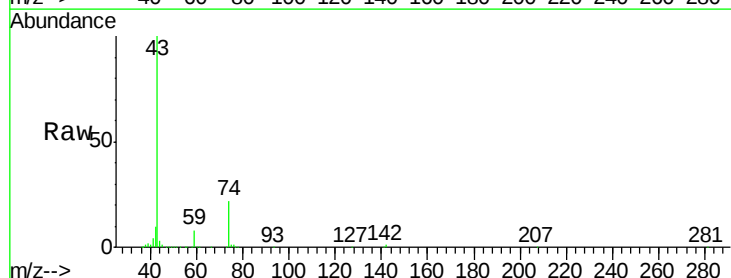
Tgt Ion: 43 Resp: 178269

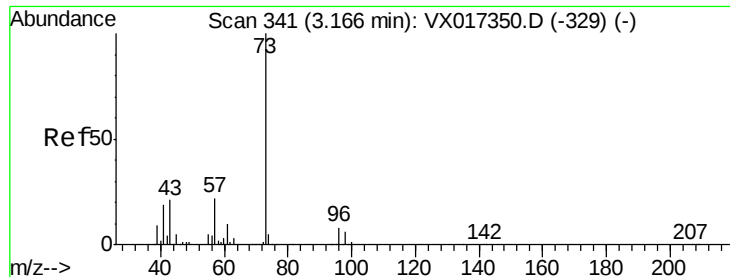
Ion Ratio Lower Upper

43 100

74 23.6

19.4 29.2





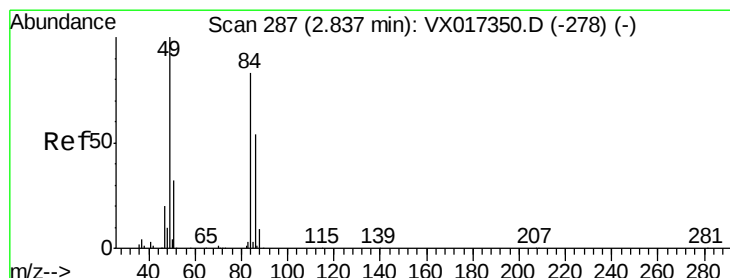
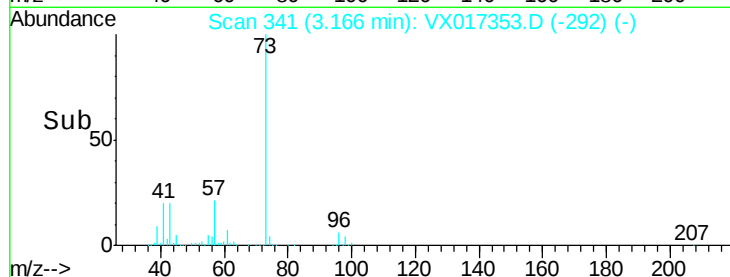
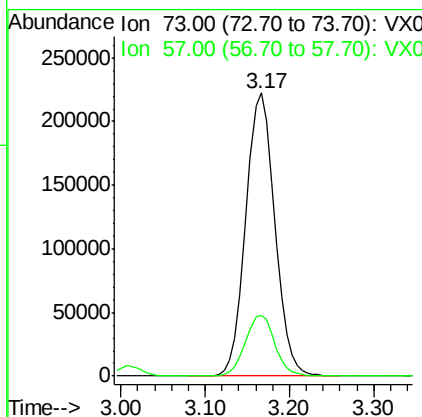
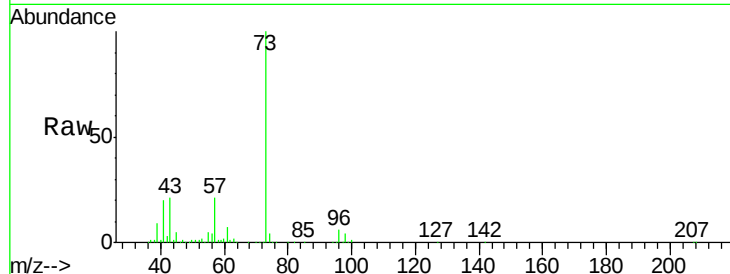
#19
Methvl tert-butvl Ether
Concen: 47.503 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.5	26.3

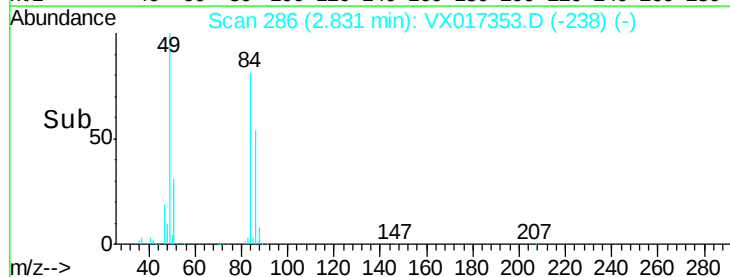
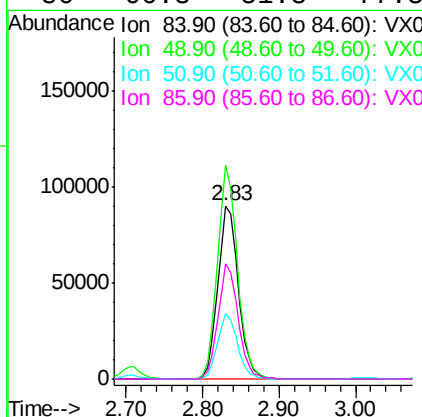
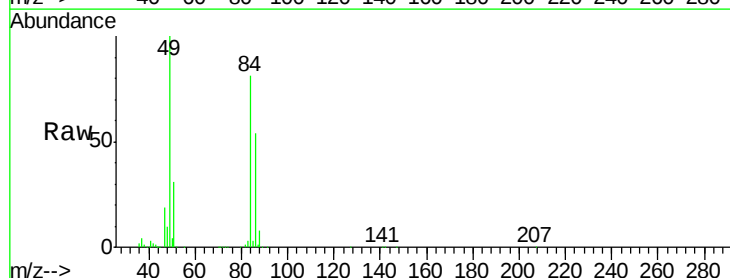
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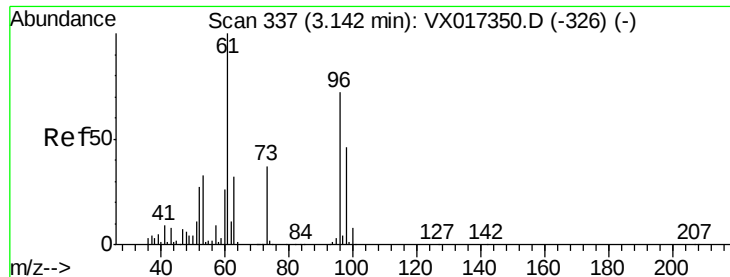
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#20
Methylene Chloride
Concen: 43.342 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.2	95.8	143.8
51	37.7	31.0	46.4
86	66.3	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 45.020 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

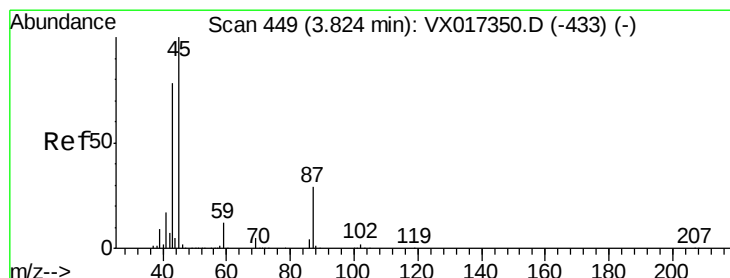
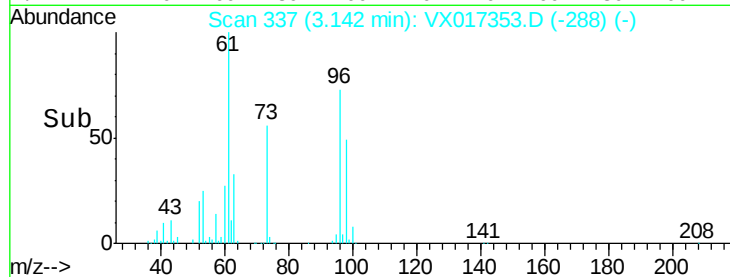
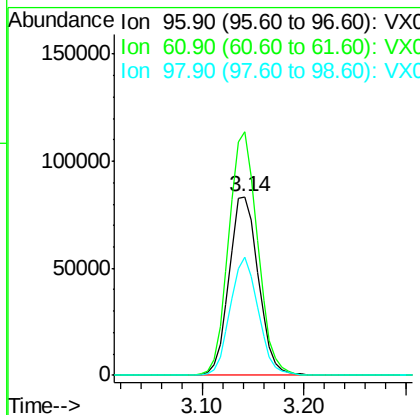
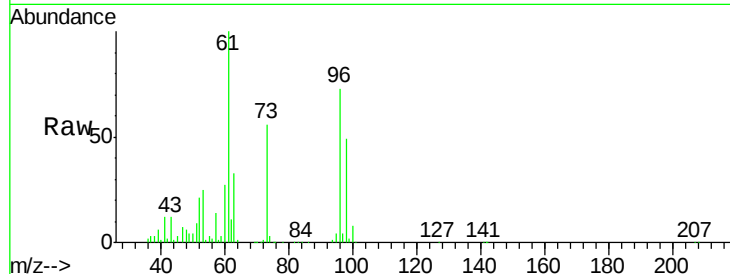
ClientSampleId :

ICVVX071320

Tot Ion:	96	Resp:	16592
Ion	Ratio	Lower	Upper
96	100		
61	136.0	111.1	166.7
98	66.4	51.4	77.0

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#22

Diisopropyl ether

Concen: 48.291 ug/l

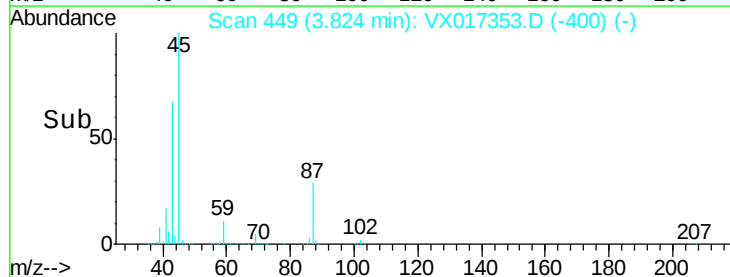
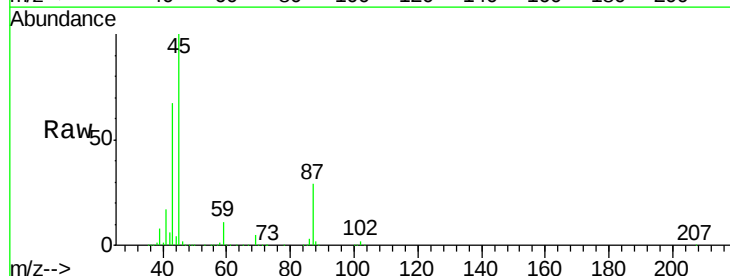
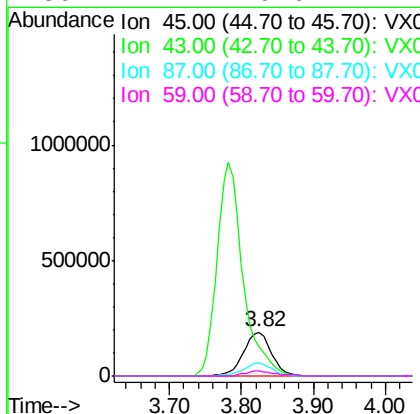
RT: 3.82 min Scan# 449

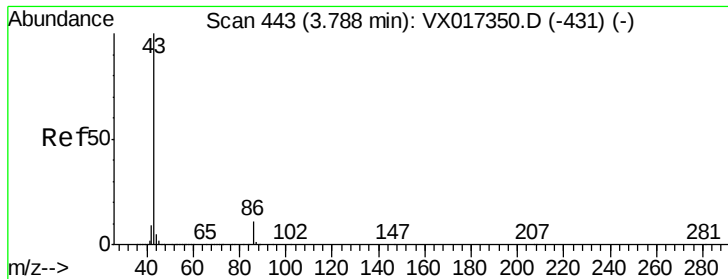
Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Tgt Ion:	45	Resp:	512424
Ion	Ratio	Lower	Upper
45	100		
43	67.1	62.2	93.2
87	28.8	23.0	34.6
59	11.2	9.6	14.4





#23

Vinyl Acetate

Concen: 249.166 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion: 43 Resp: 2325233

Ion Ratio Lower Upper

43 100

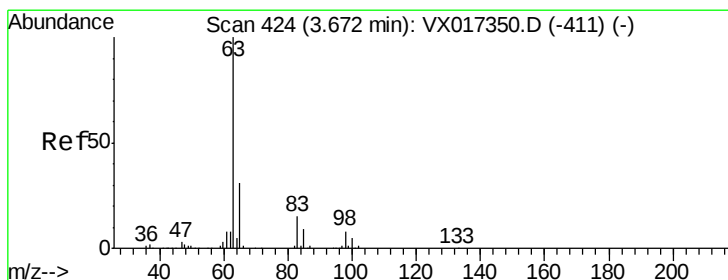
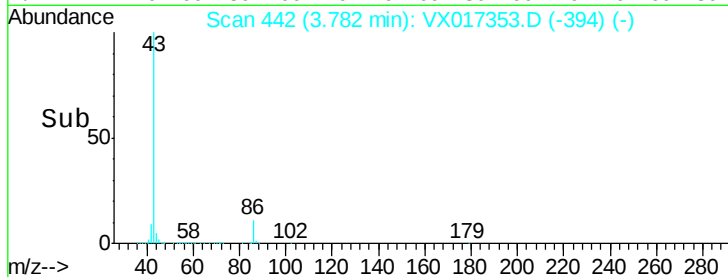
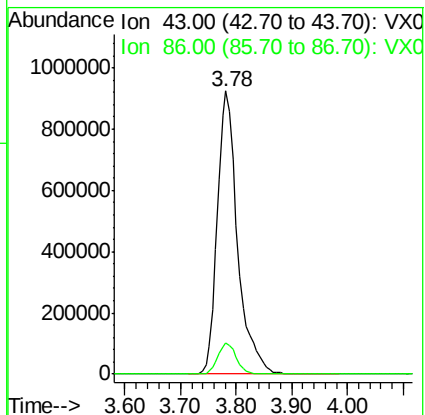
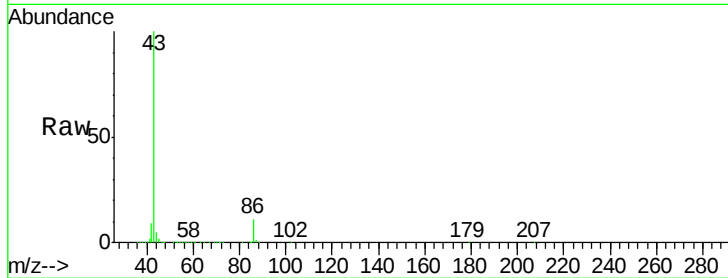
86 11.1 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 45.907 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

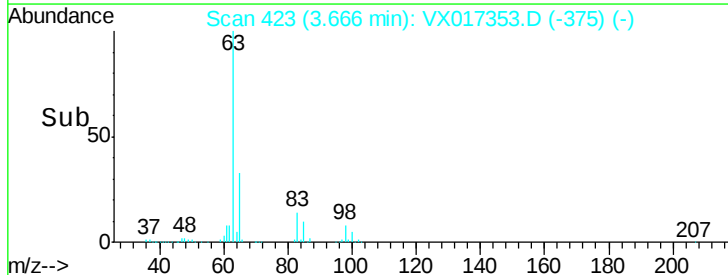
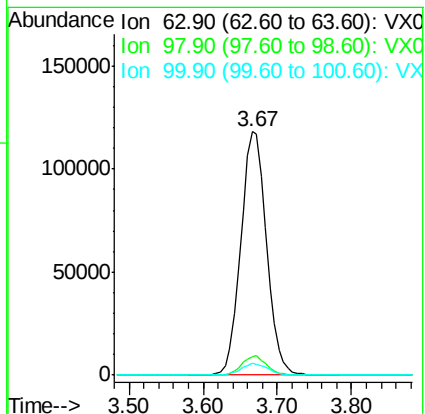
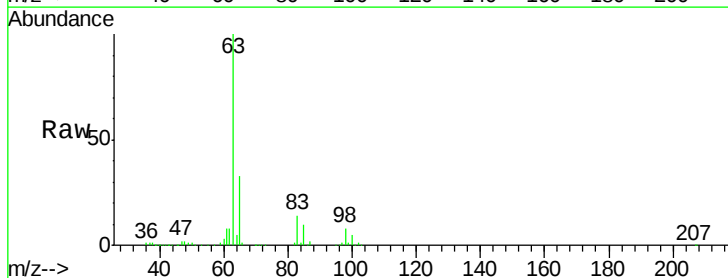
Tgt Ion: 63 Resp: 286277

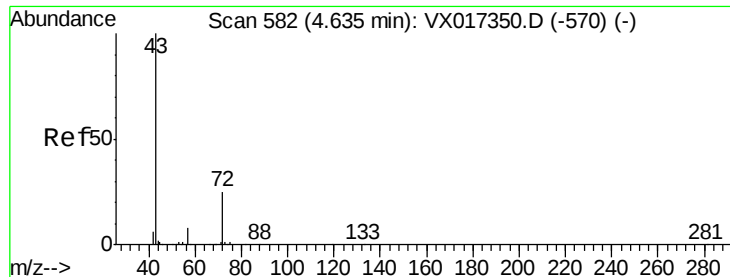
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 231.121 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion: 43 Resp: 580656

Ion Ratio Lower Upper

43 100

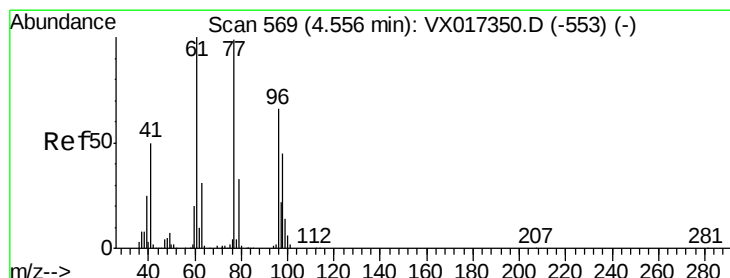
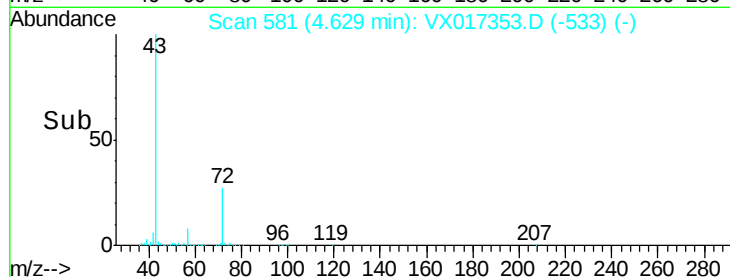
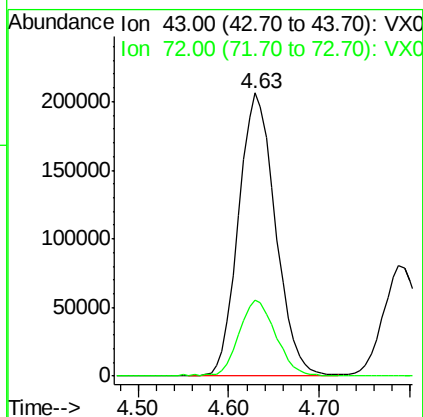
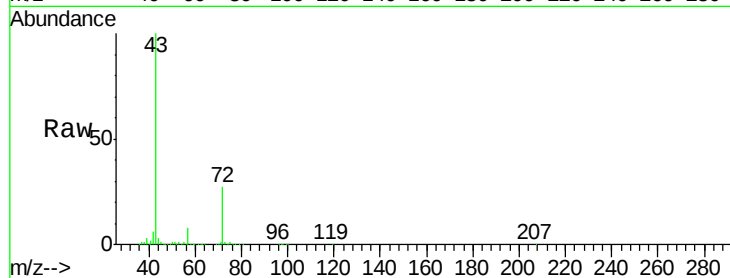
72 26.6 20.4 30.6

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#26

2,2-Dichloropropane

Concen: 45.508 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017353.D

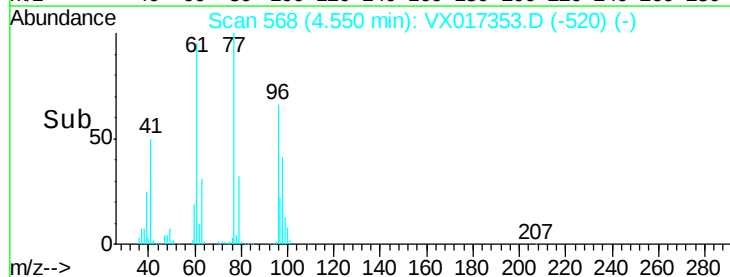
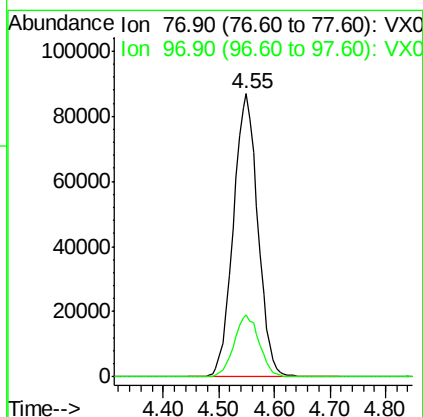
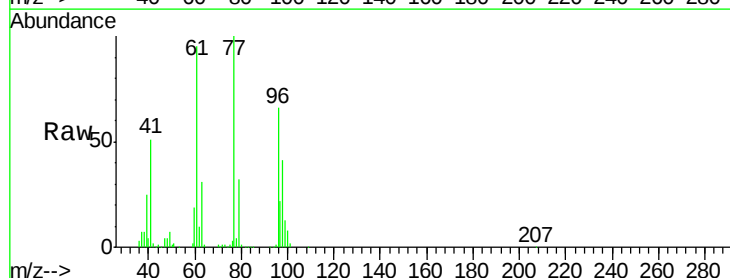
Acq: 13 Jul 2020 14:57

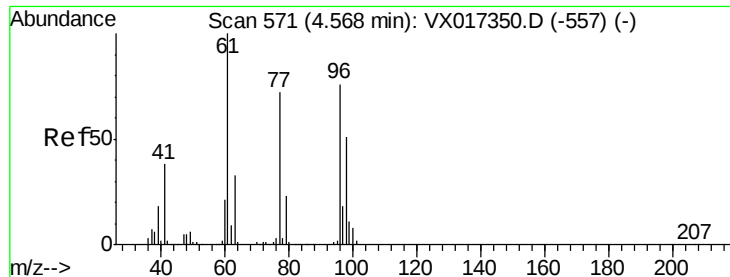
Tgt Ion: 77 Resp: 264115

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.3





#27

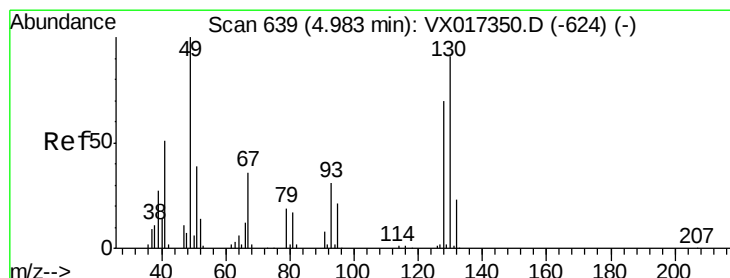
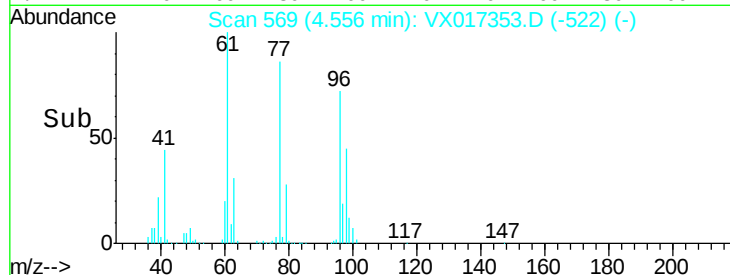
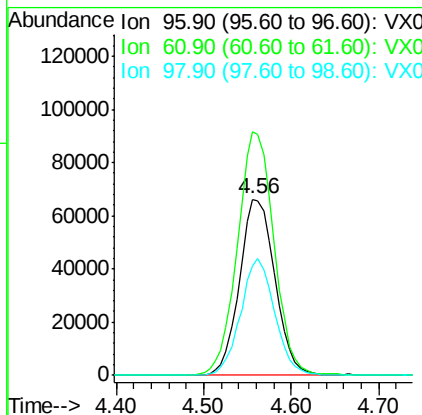
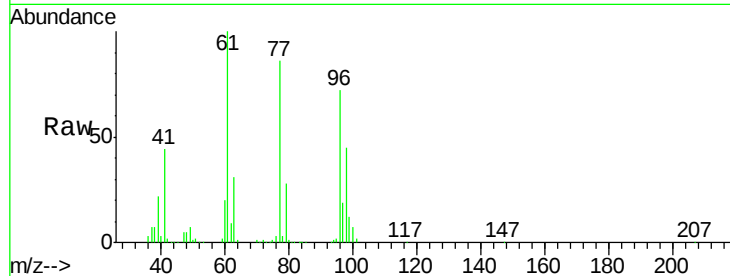
cis-1,2-Dichloroethene
Concen: 46.367 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Resp	Lower	Upper
96	100	187025		
61	142.3		0.0	281.2
98	63.7		0.0	131.4

Manual Integrations
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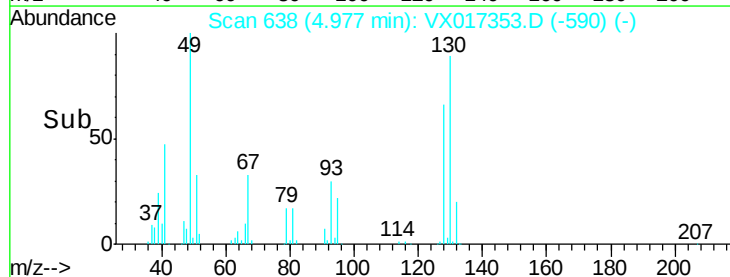
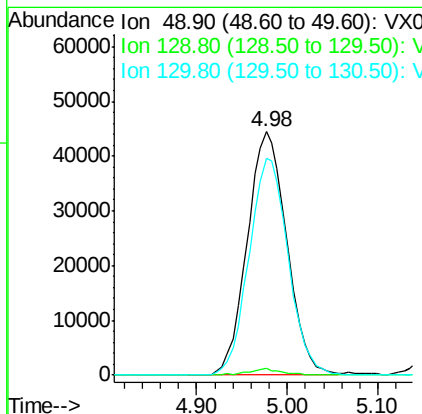
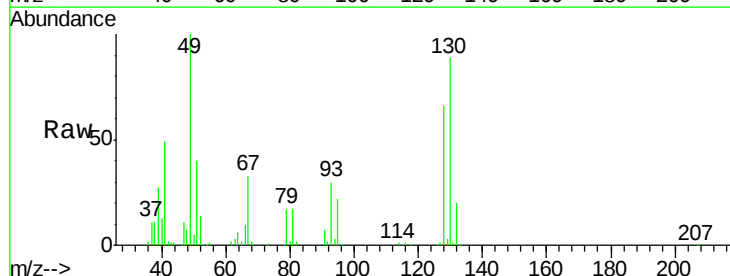
MMDadoda
7/14/2020 11:35:54 AM

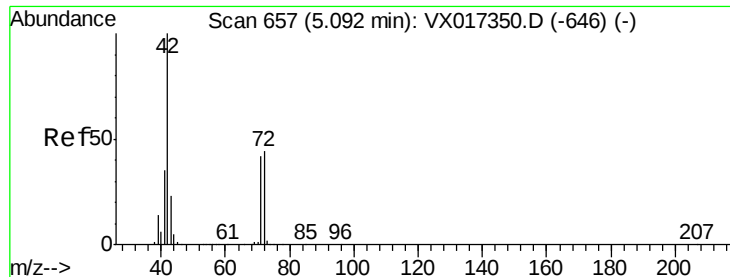


#28

Bromochloromethane
Concen: 46.508 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	133980		
129	2.3		0.0	4.8
130	88.4		71.1	106.7





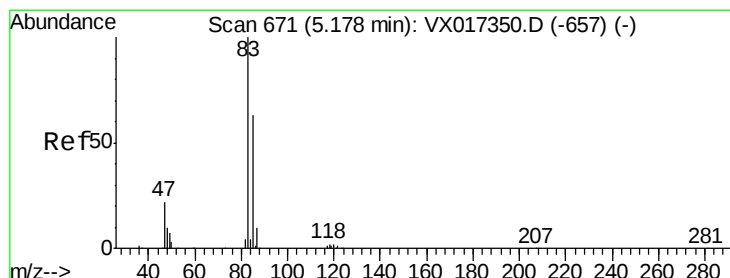
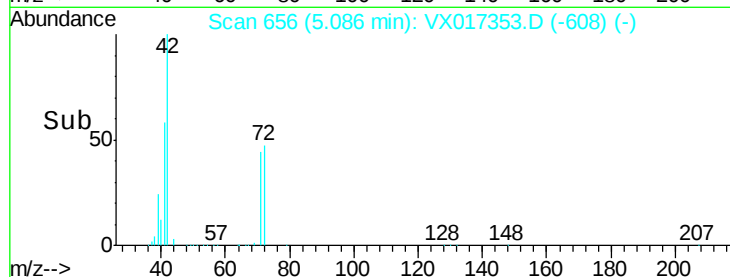
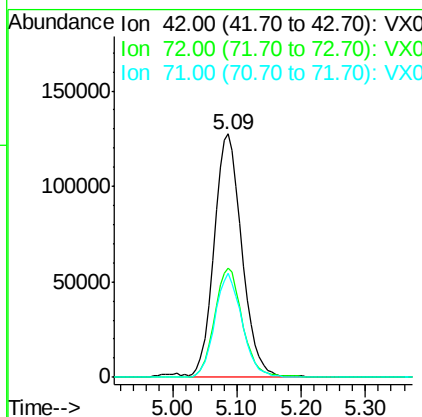
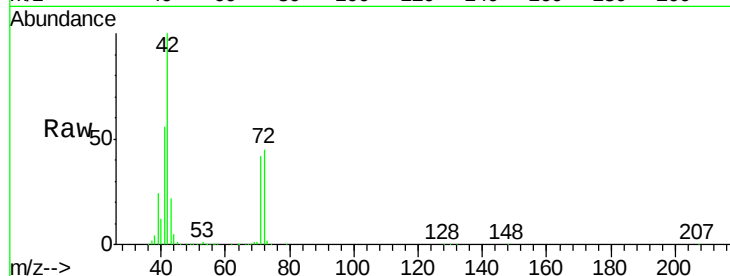
#29
Tetrahydrofuran
Concen: 237.498 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.4	37.2	55.8
71	42.0	34.4	51.6

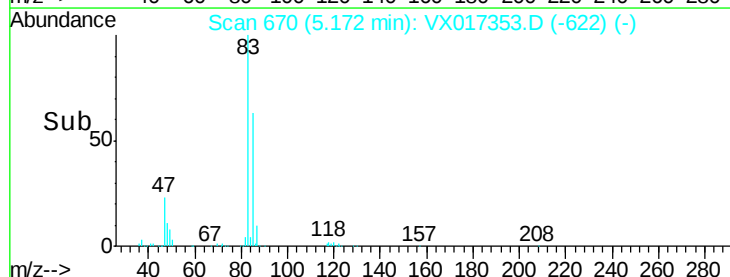
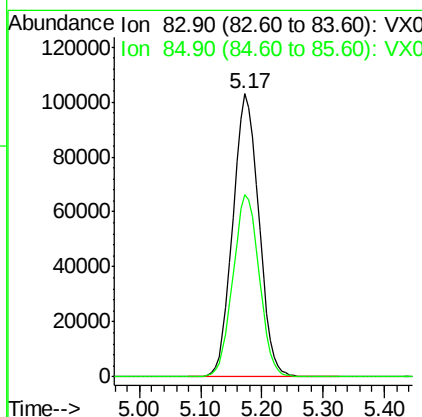
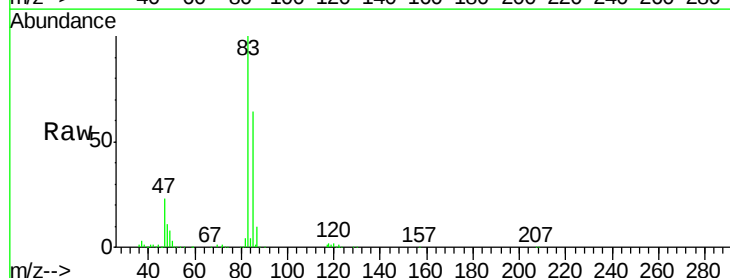
Manual Integrations
APPROVED

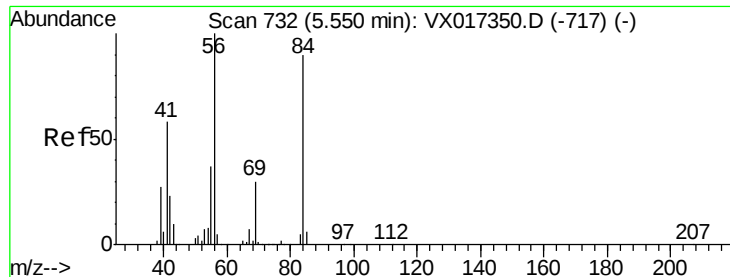
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7/14/2020 11:35:54 AM



#30
Chloroform
Concen: 44.946 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.2	75.4





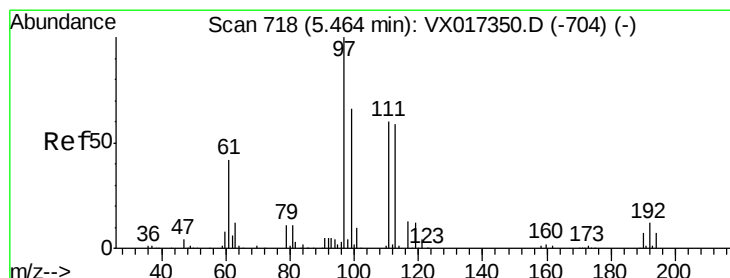
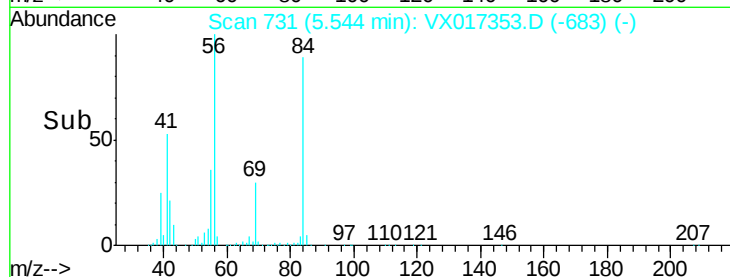
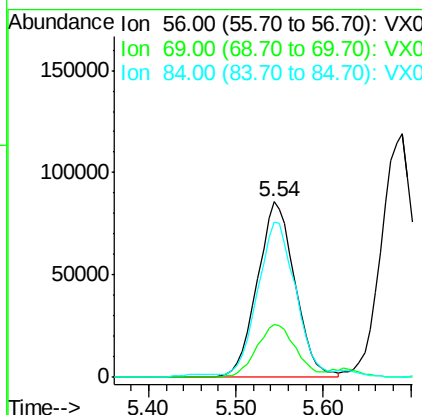
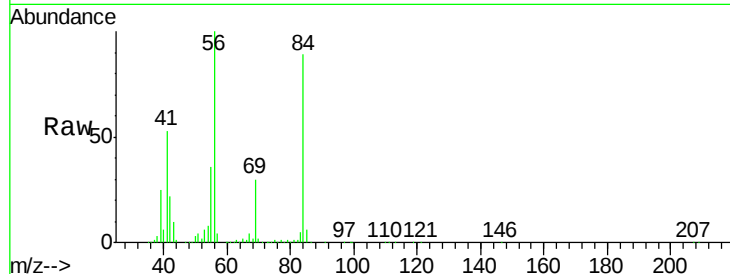
#31
Cvclohexane
Concen: 50.088 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.7	35.5
84	87.2	71.8	107.6

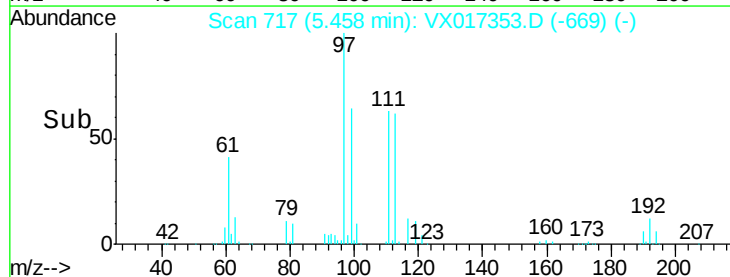
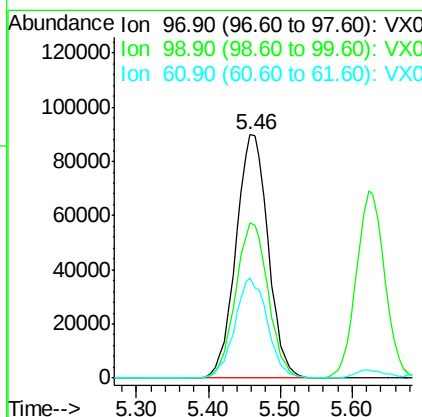
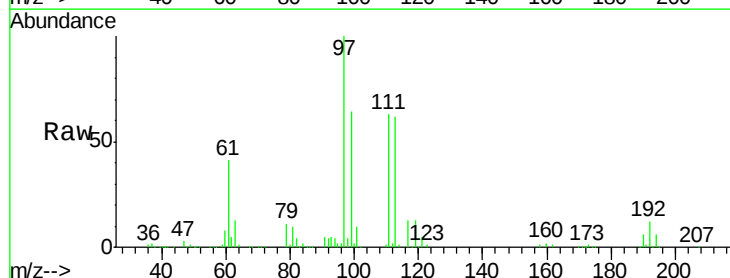
Manual Integrations
APPROVED

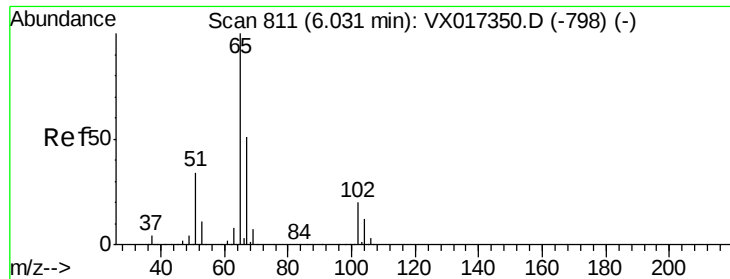
MMDadoda
7/14/2020 11:35:54 AM



#32
1,1,1-Trichloroethane
Concen: 44.908 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.2	76.8
61	41.5	32.7	49.1





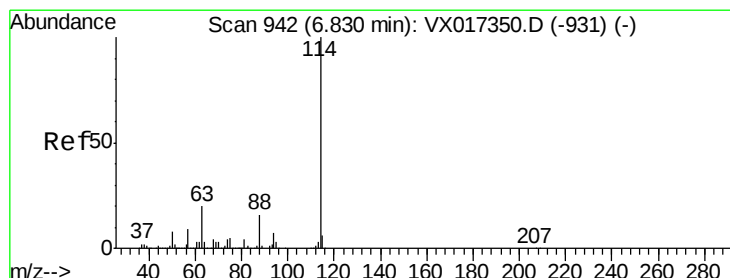
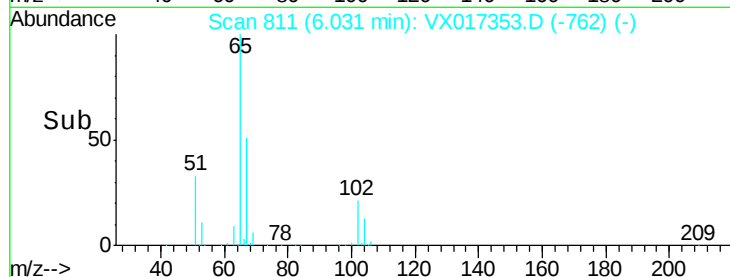
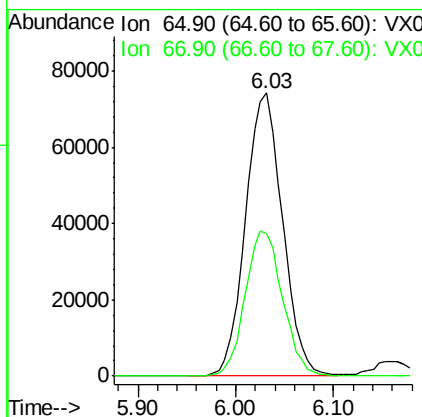
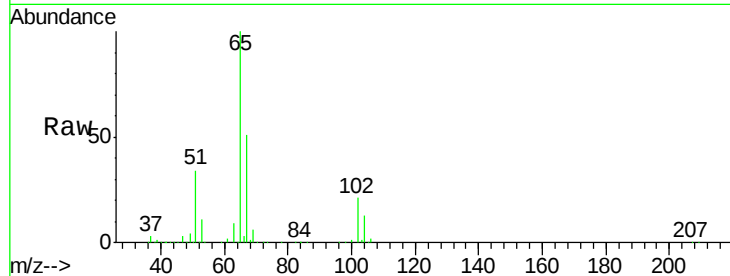
#33
 1,2-Dichloroethane-d4
 Concen: 44.106 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071320

Tot Ion	Ratio	Resp	Lower	Upper
65	100	195559		
67	51.7	0.0	101.6	

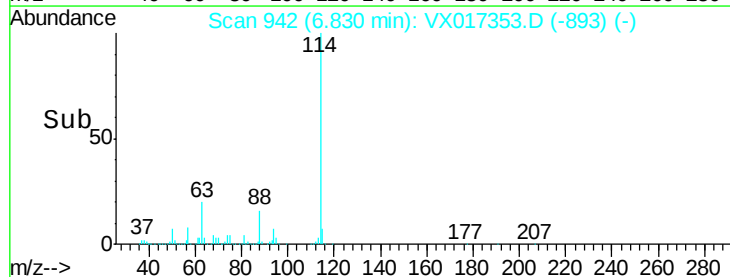
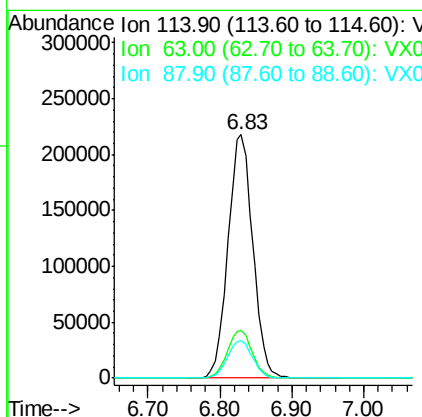
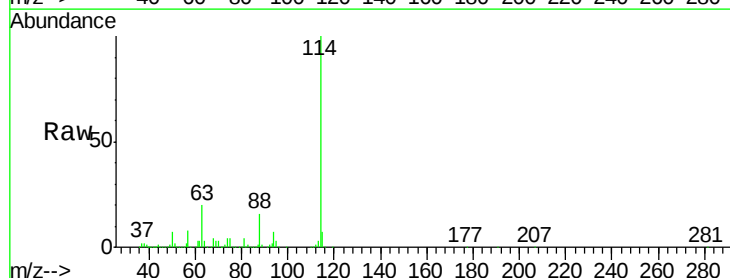
Manual Integrations
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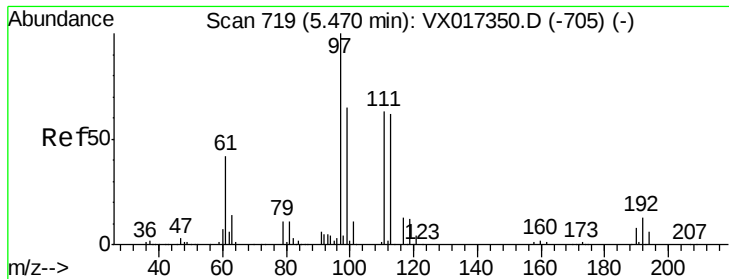
MMDadoda
 7/14/2020 11:35:54 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	522399		
63	19.6	0.0	40.0	
88	15.5	0.0	32.8	





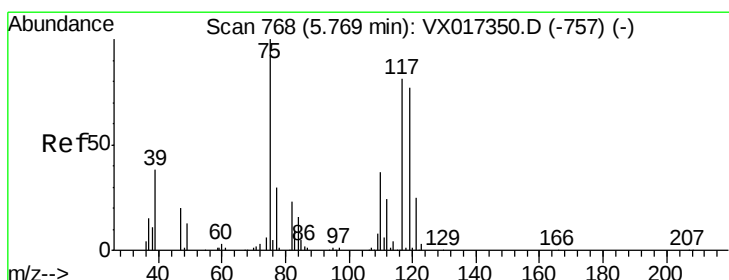
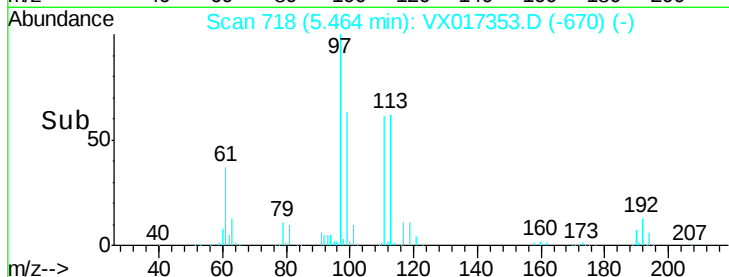
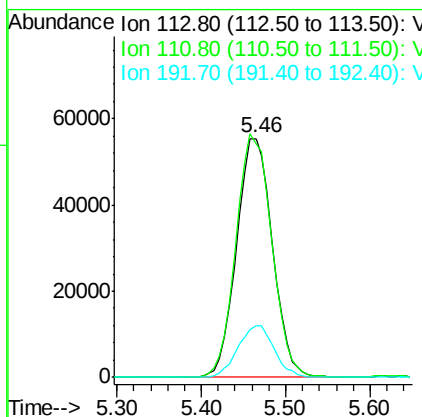
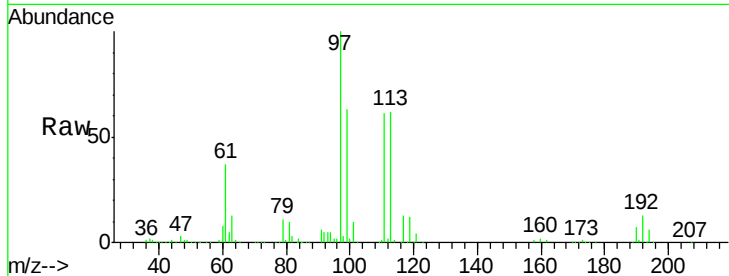
#35
Dibromofluoromethane
Concen: 45.406 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Resp	Lower	Upper
113	100	159784		
111	101.9	82.4	123.6	
192	21.9	17.2	25.8	

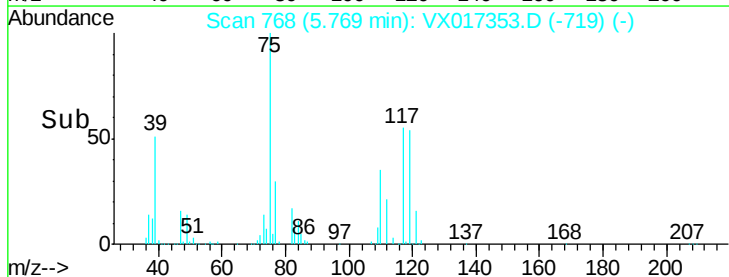
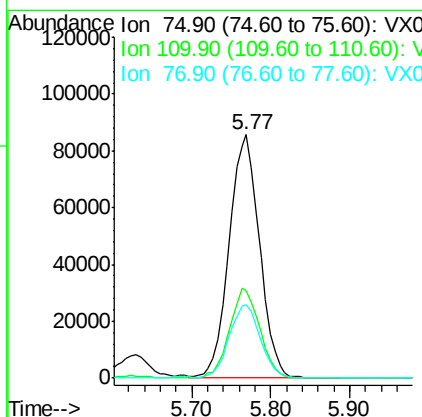
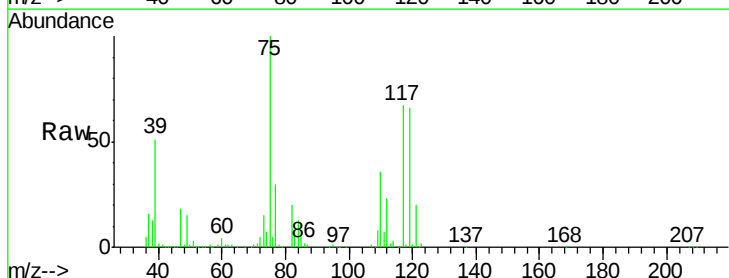
Manual Integrations
APPROVED

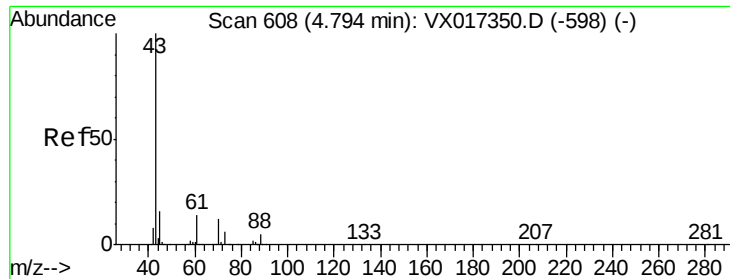
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#36
1,1-Dichloropropene
Concen: 47.755 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	229467		
110	36.7	18.6	55.8	
77	31.1	24.9	37.3	





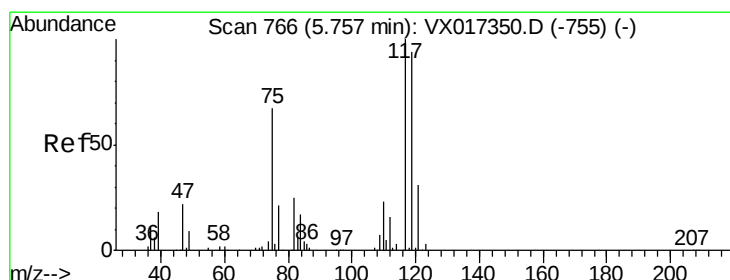
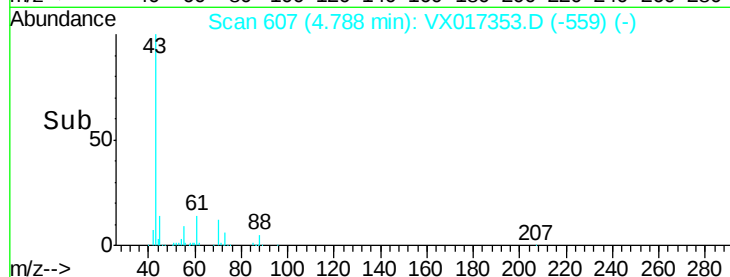
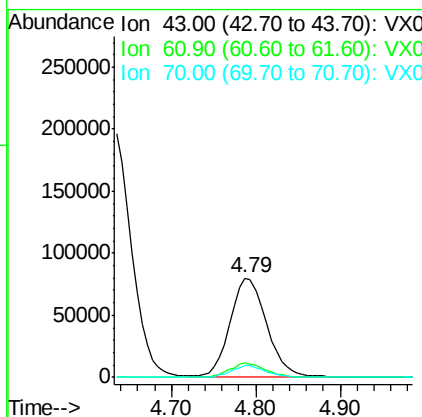
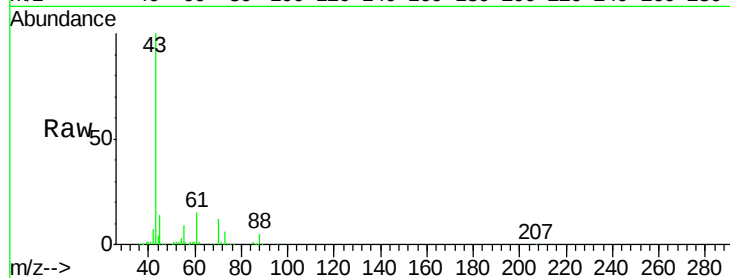
#37
Ethyl Acetate
Concen: 46.975 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.7	16.1
70	11.3	9.0	13.6

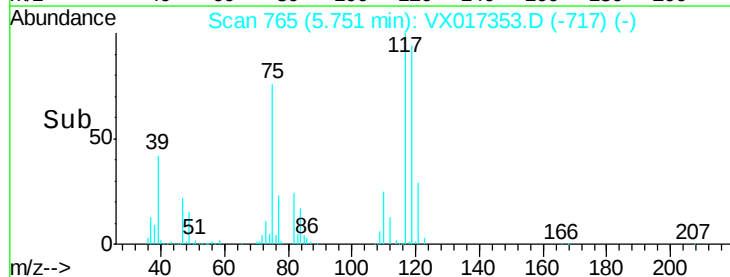
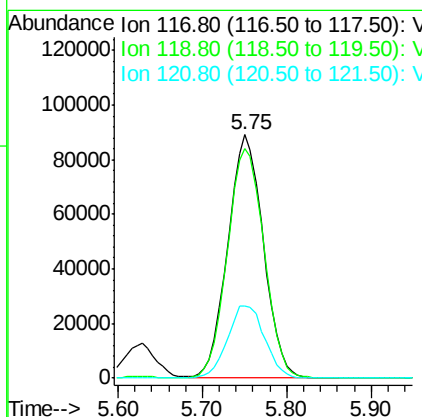
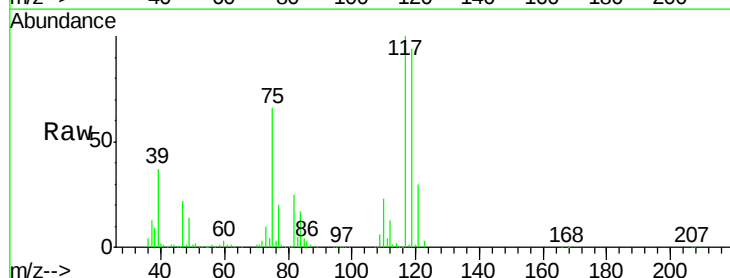
Manual Integrations
APPROVED

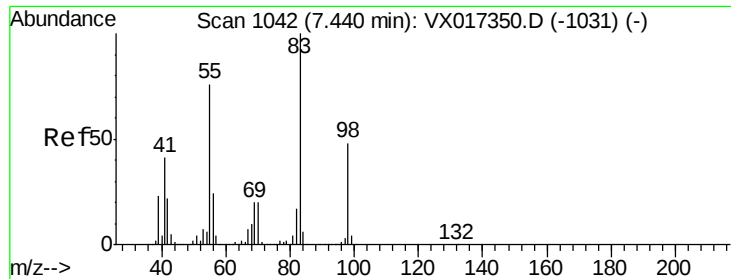
MMDadoda
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#38
Carbon Tetrachloride
Concen: 45.359 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	74.7	112.1
121	29.7	24.5	36.7





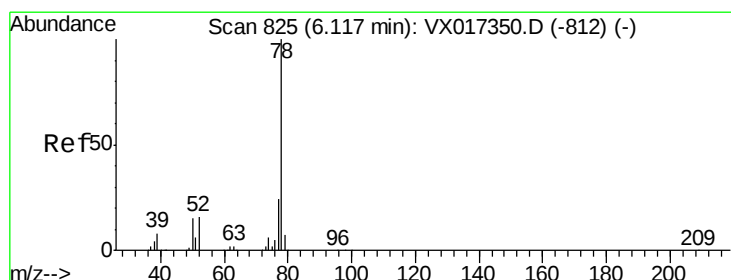
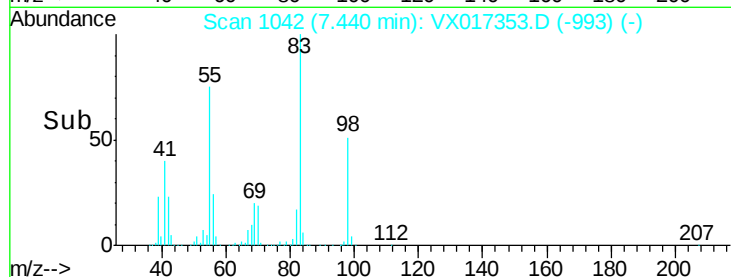
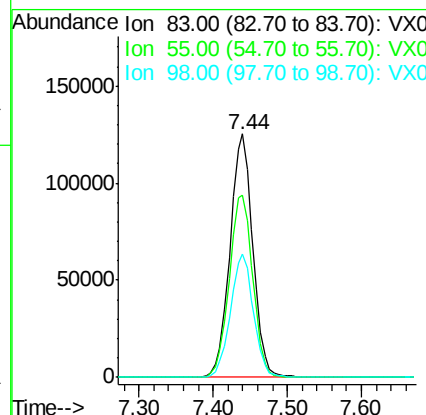
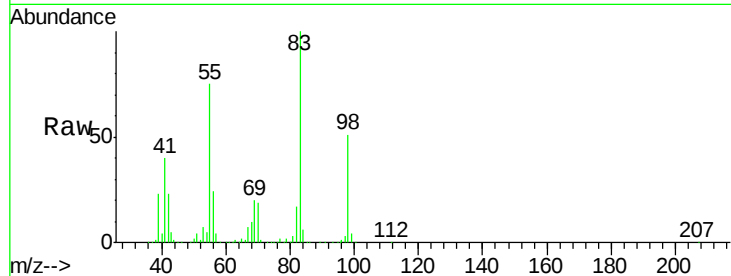
#39
Methvlcvclohexane
Concen: 51.337 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	83	Resp	267879
Ion Ratio	Lower	Upper	
83	100		
55	74.6	61.2	91.8
98	50.6	38.1	57.1

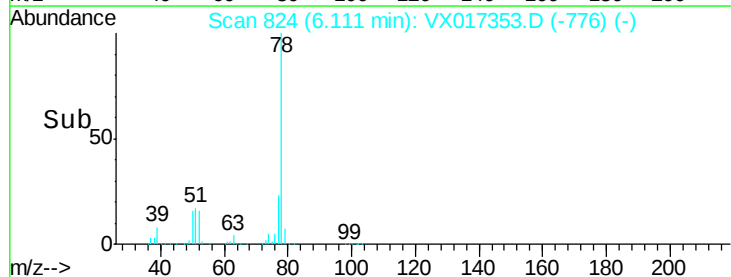
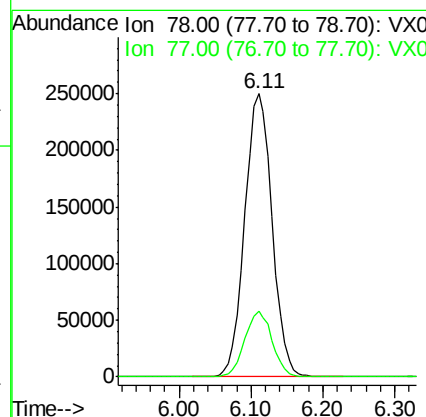
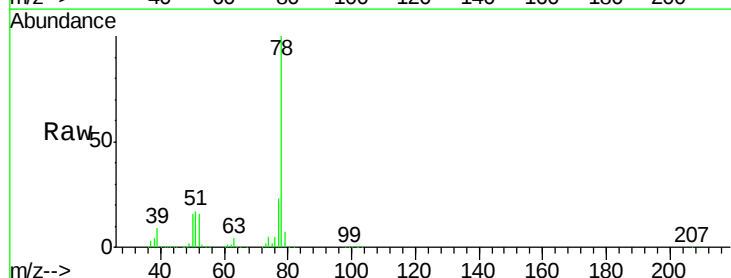
Manual Integrations
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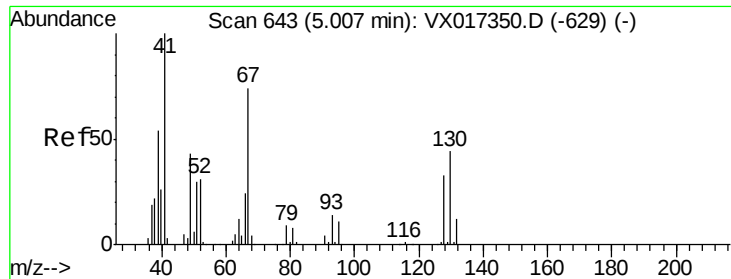
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#40
Benzene
Concen: 47.714 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	78	Resp	658905
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.9	28.3





#41

Methacrylonitrile

Concen: 49.536 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

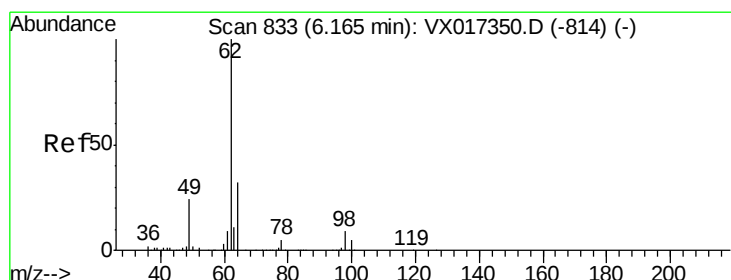
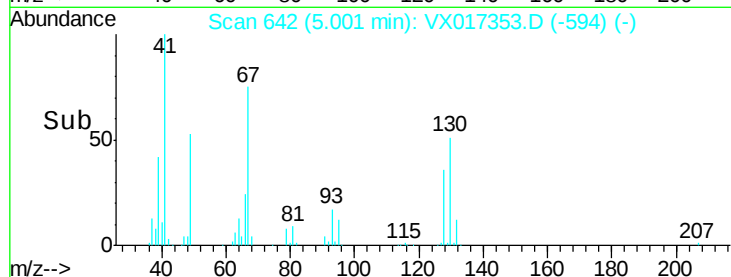
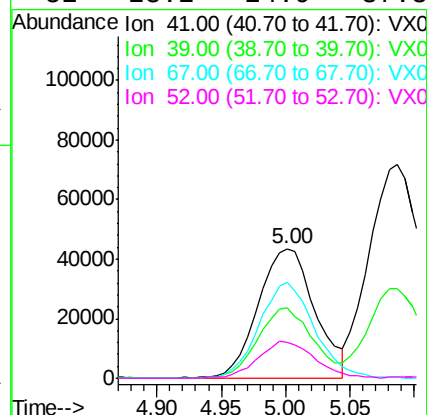
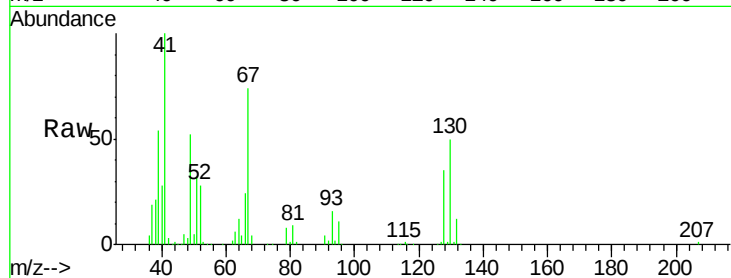
ClientSampled :

ICVVX071320

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	43.8	65.8	
67	72.9	58.7	88.1	
52	28.2	24.9	37.3	

Manual Integrations
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7/14/2020 11:35:54 AM



#42

1,2-Dichloroethane

Concen: 45.901 ug/l

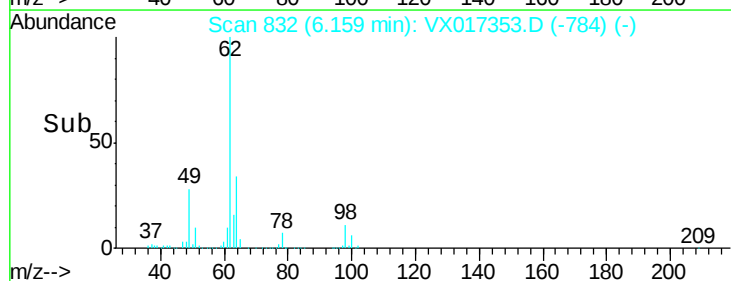
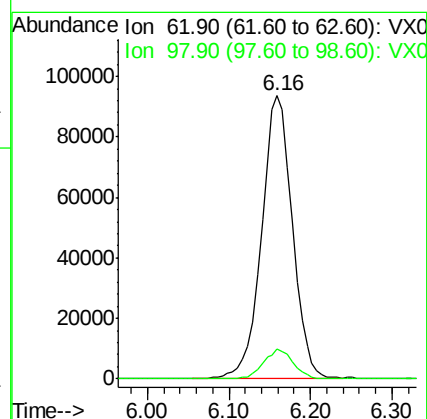
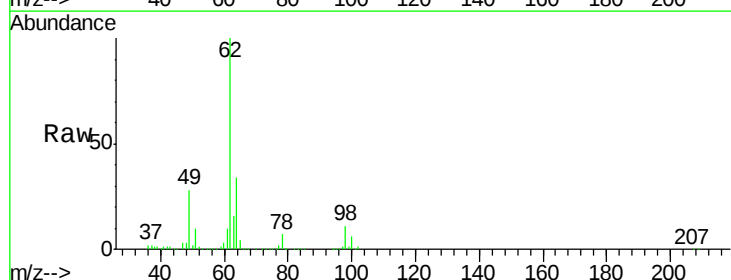
RT: 6.16 min Scan# 832

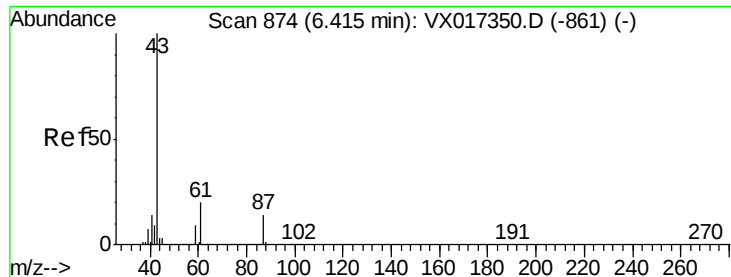
Delta R.T. -0.01 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	19.4	





#43

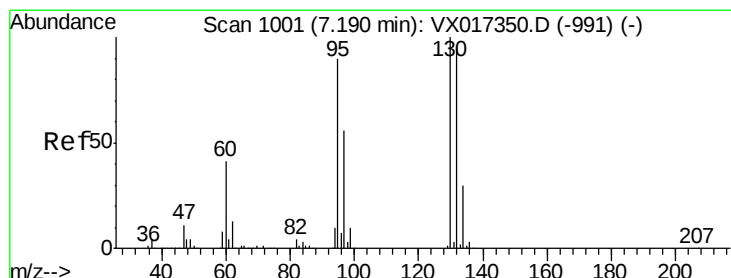
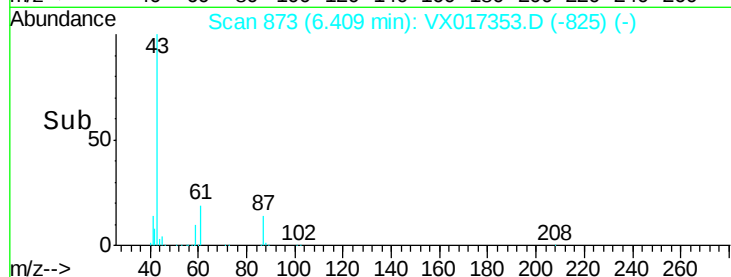
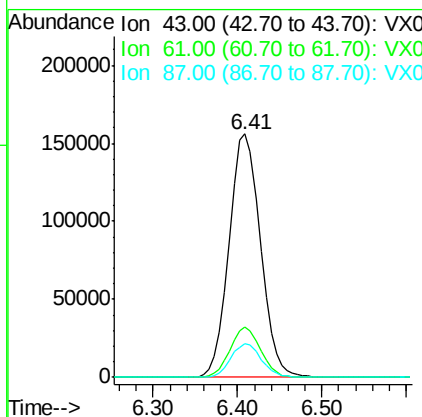
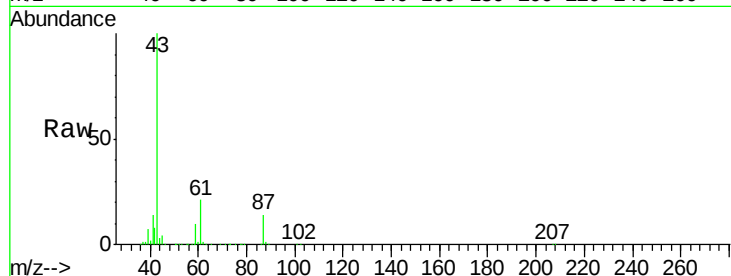
Isopropyl Acetate
 Concen: 49.453 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071320

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.4	24.6
87	13.6	11.2	16.8

Manual Integrations
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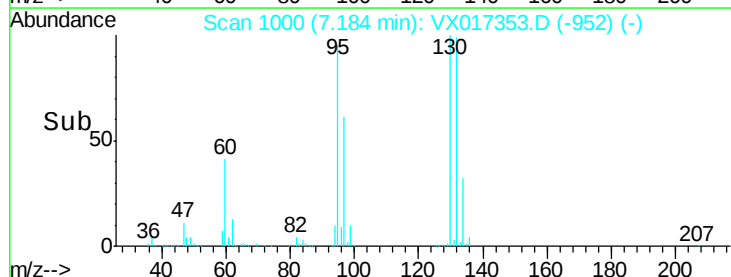
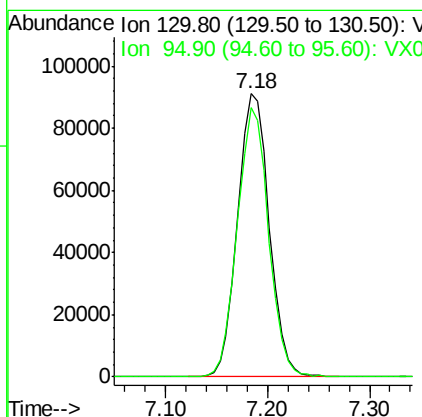
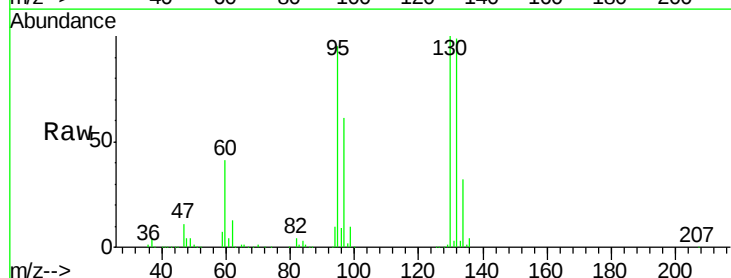
MMDadoda
 7/14/2020 11:35:54 AM

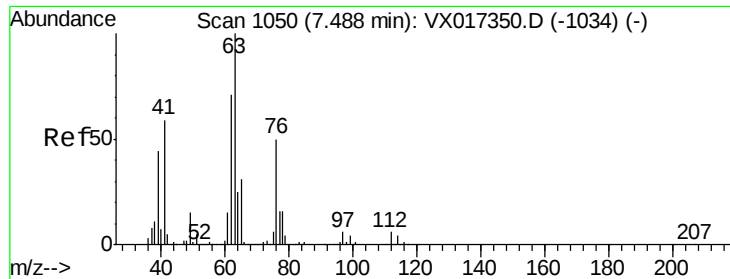


#44

Trichloroethene
 Concen: 46.583 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	180.2





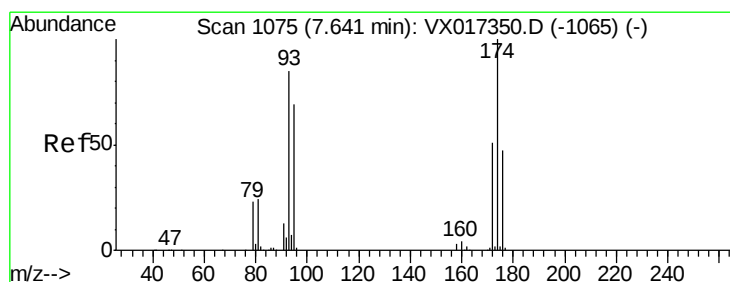
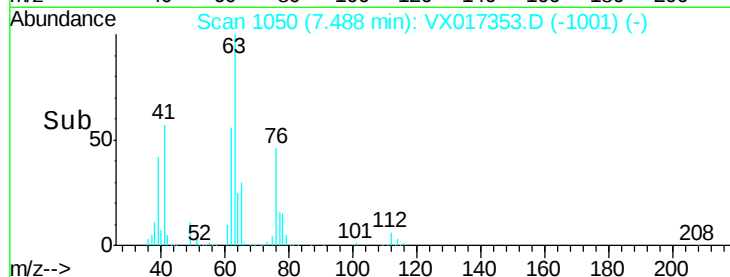
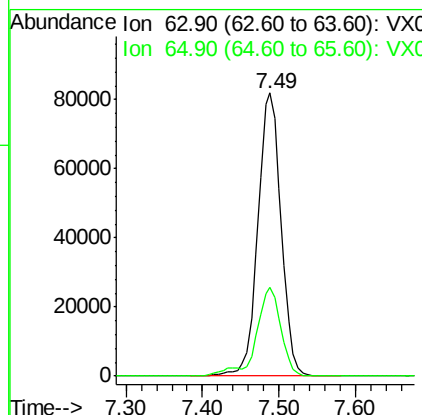
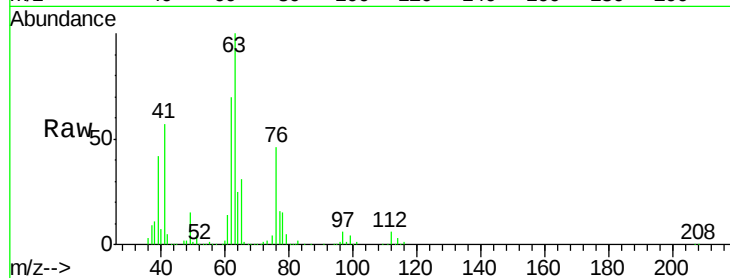
#45
 1,2-Dichloropropane
 Concen: 49.235 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071320

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.5	36.7

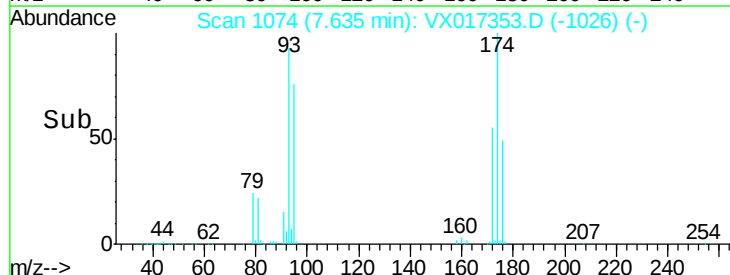
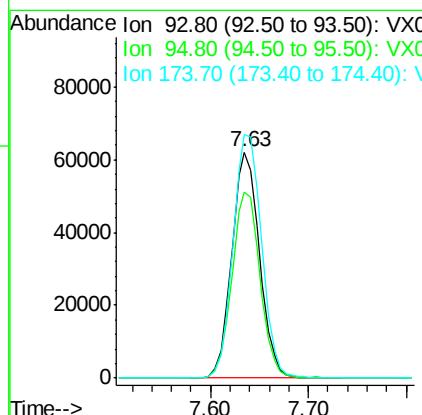
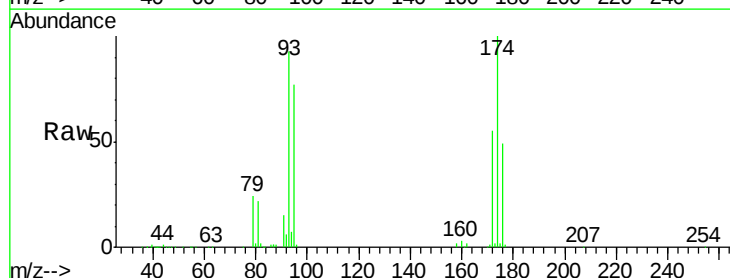
Manual Integrations
 APPROVED

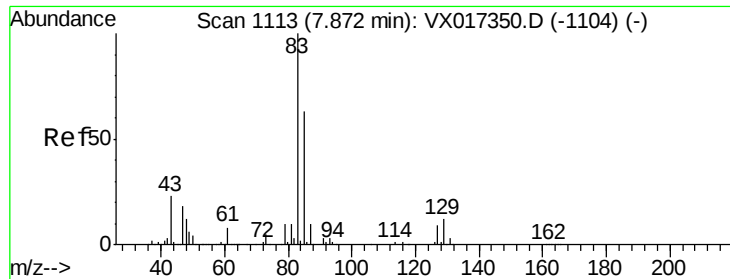
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 7/14/2020 11:35:54 AM



#46
 Dibromomethane
 Concen: 47.796 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.4	98.2
174	111.2	91.2	136.8





#47

Bromodichloromethane

Concen: 47.084 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

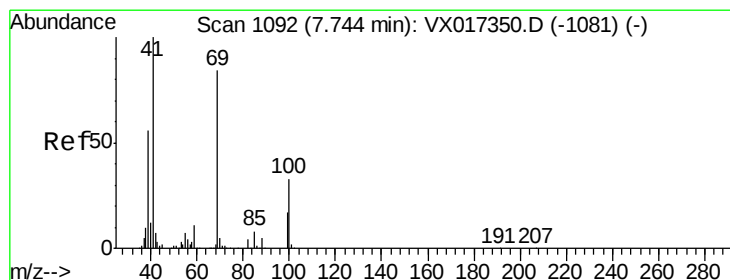
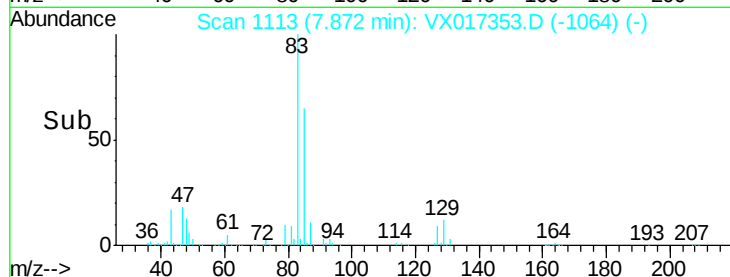
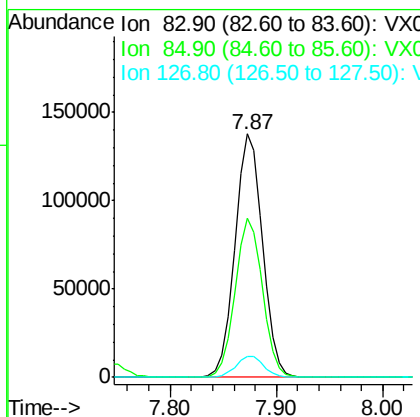
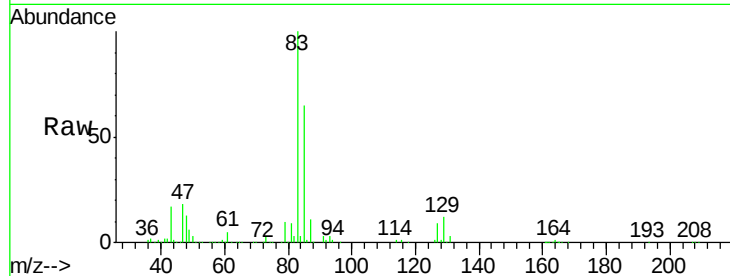
ClientSampleId :

ICVVX071320

Tot Ion:	83	Resp:	250854
Ion Ratio	Lower	Upper	
83	100		
85	65.2	50.2	75.4
127	8.8	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.390 ug/l

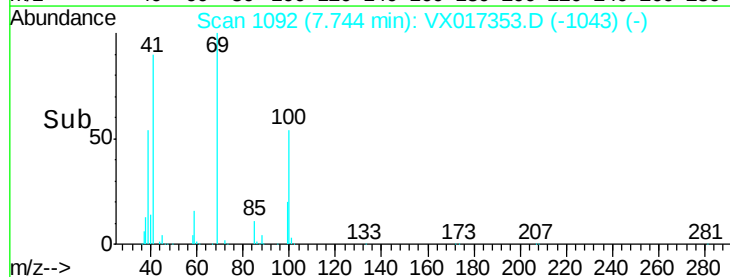
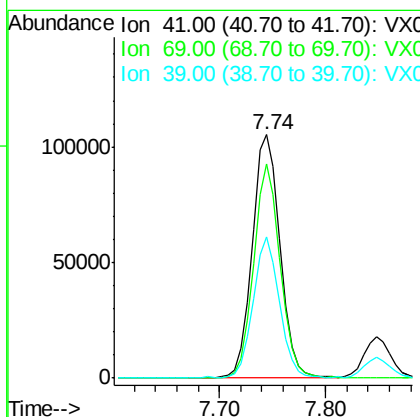
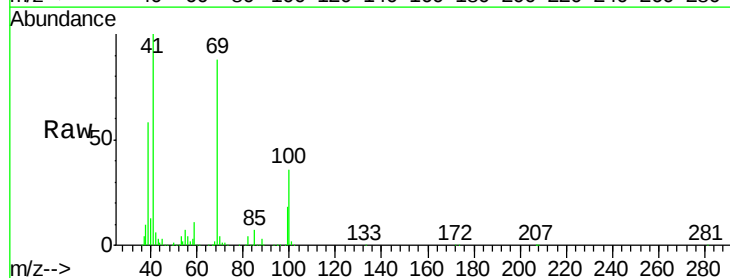
RT: 7.74 min Scan# 1092

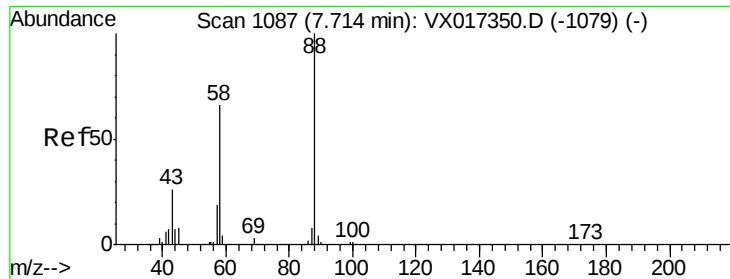
Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Tgt Ion:	41	Resp:	192006
Ion Ratio	Lower	Upper	
41	100		
69	84.4	67.8	101.6
39	54.7	45.1	67.7





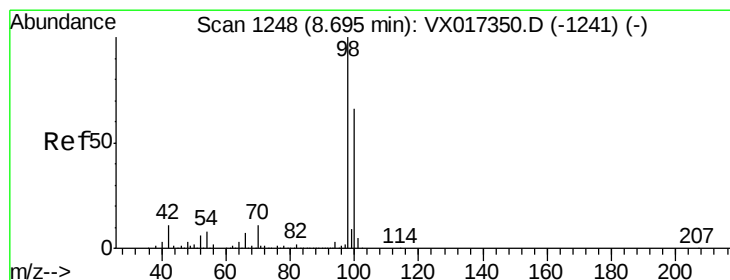
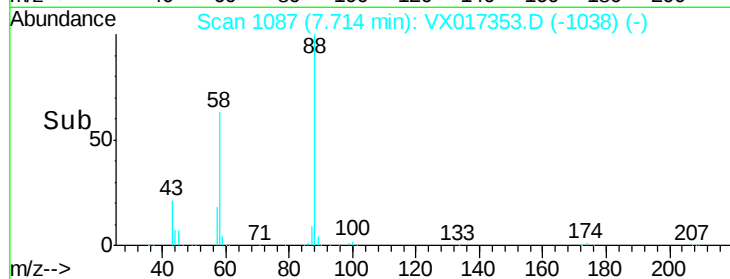
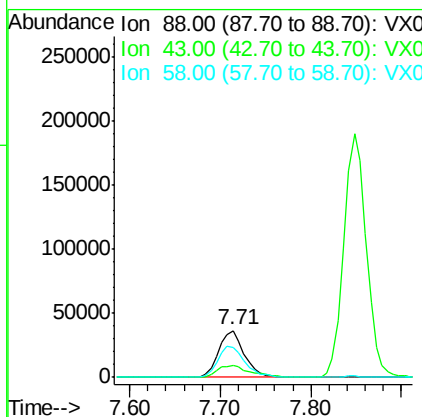
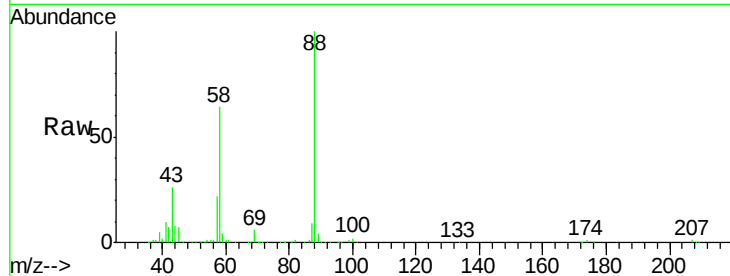
#49
1,4-Dioxane
Concen: 929.125 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.6	38.4
58	70.9	53.9	80.9

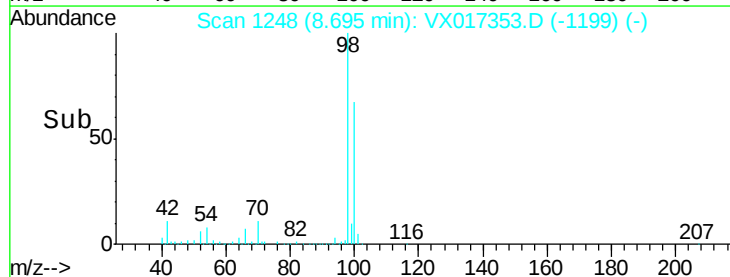
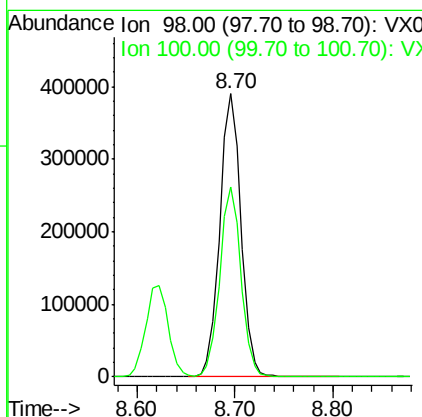
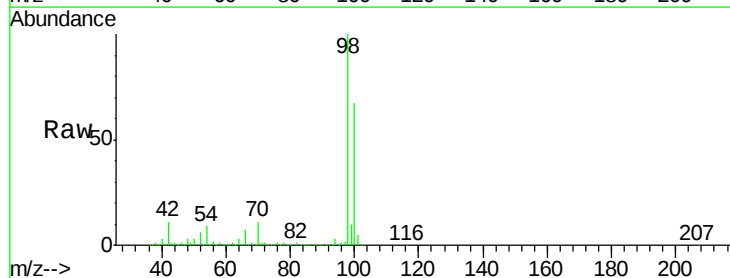
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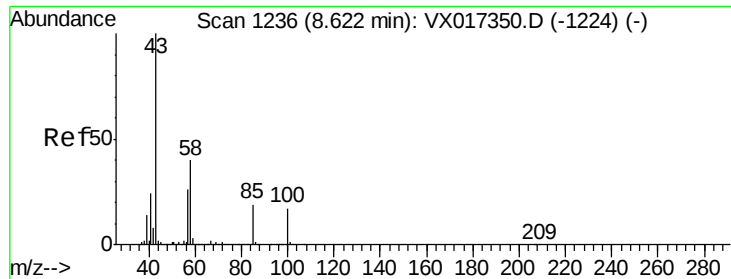
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#50
Toluene-d8
Concen: 46.281 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 249.188 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion: 43 Resp: 1206491

Ion Ratio Lower Upper

43 100

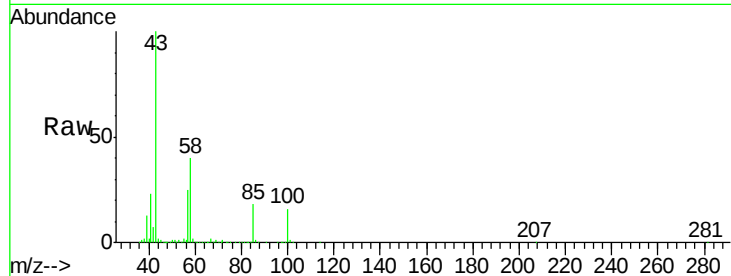
58 39.7 32.2 48.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

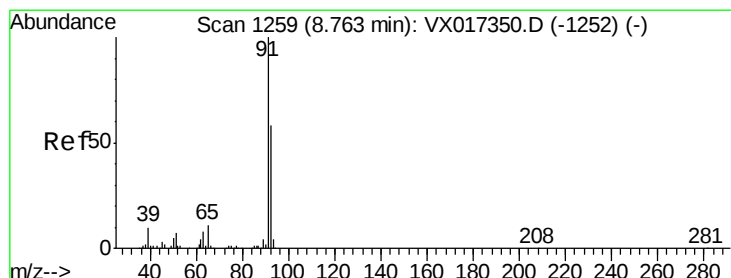
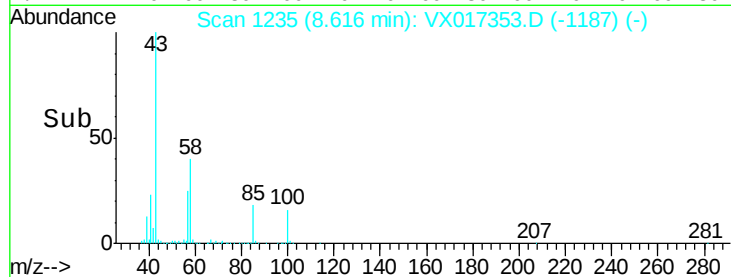
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.563 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017353.D

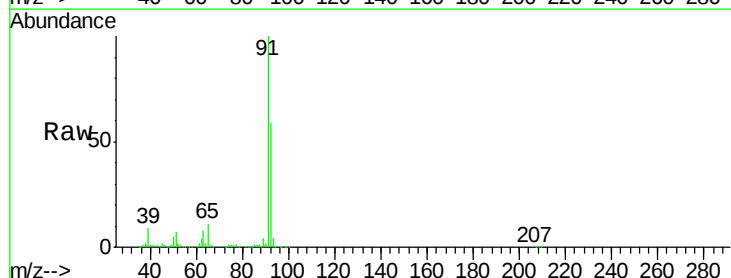
Acq: 13 Jul 2020 14:57

Tgt Ion: 92 Resp: 430351

Ion Ratio Lower Upper

92 100

91 169.6 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

500000

400000

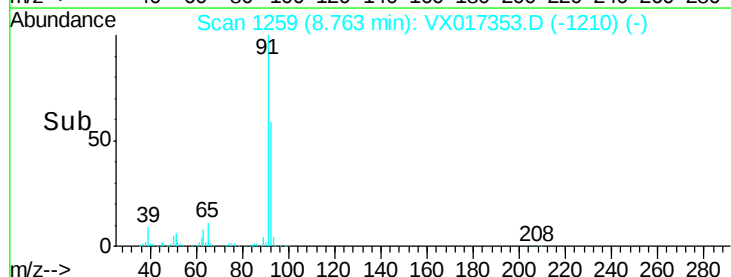
300000

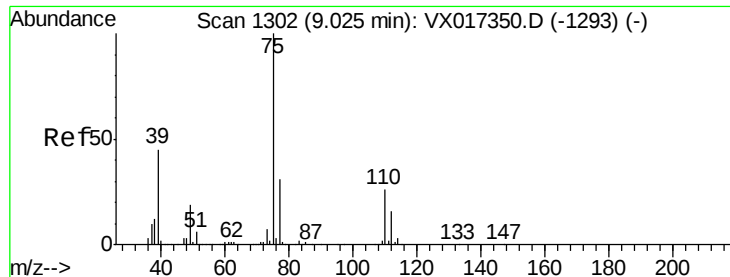
200000

100000

0

Time-->





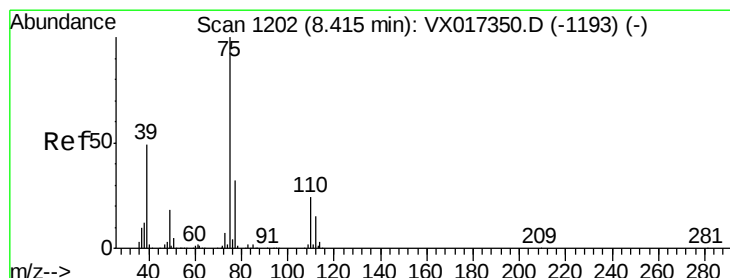
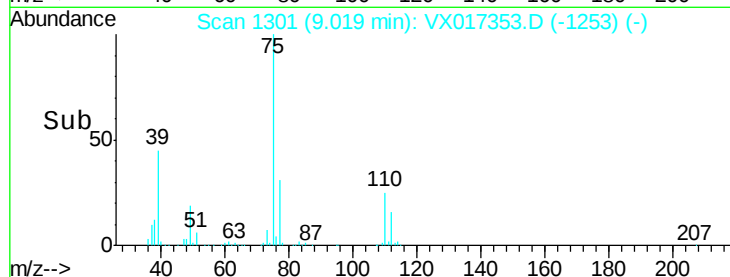
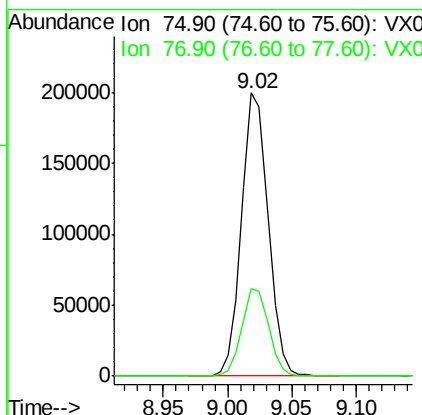
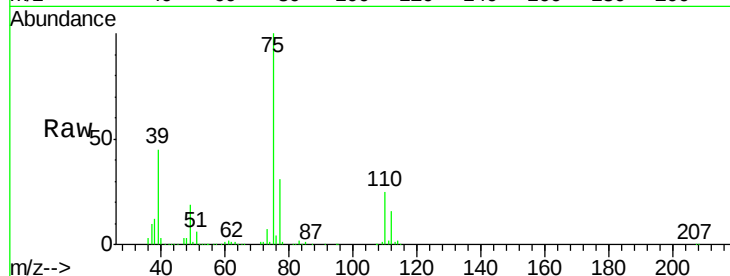
#53
t-1,3-Dichloropropene
Concen: 49.814 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion: 75 Resp: 285920
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6

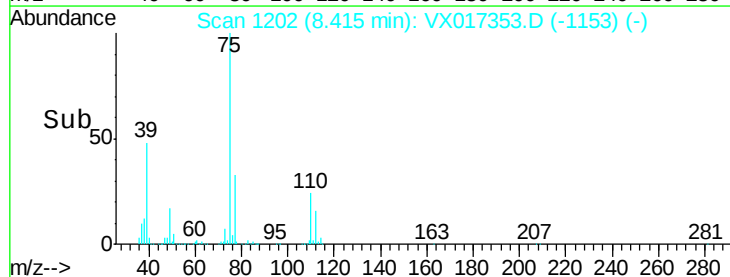
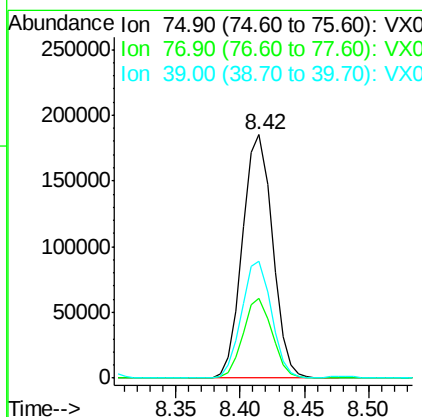
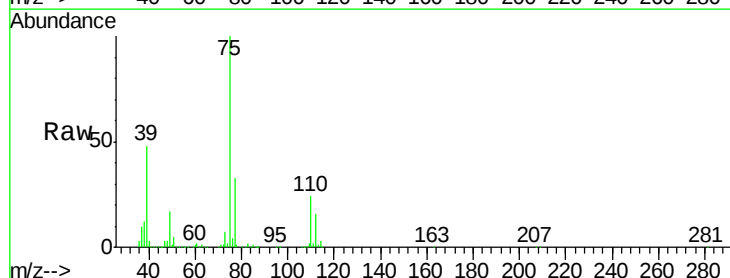
Manual Integrations
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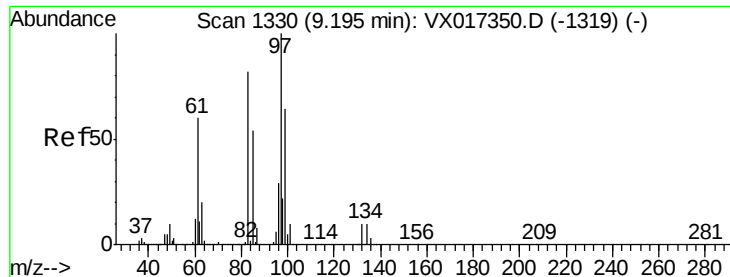
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#54
cis-1,3-Dichloropropene
Concen: 48.853 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion: 75 Resp: 299069
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 47.9 38.9 58.3





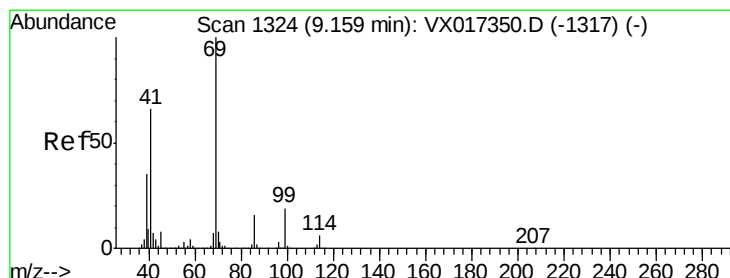
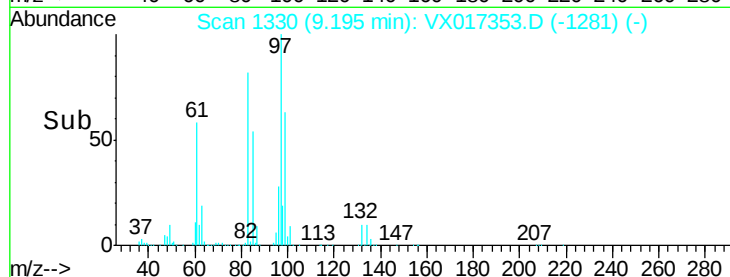
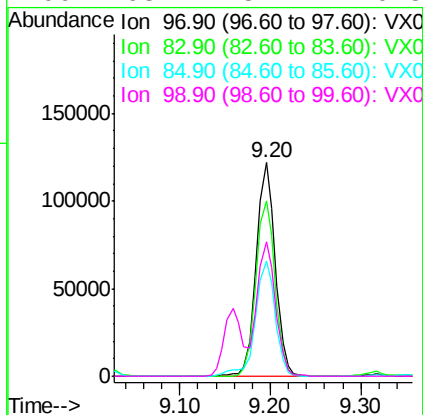
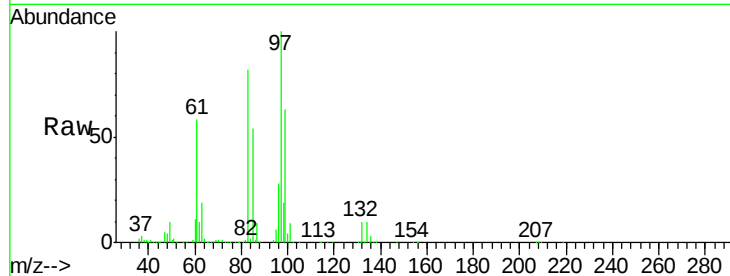
#55
 1,1,2-Trichloroethane
 Concen: 47.826 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071320

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		176732		
83	81.9	65.8	98.6		
85	54.0	42.8	64.2		
99	63.1	51.2	76.8		

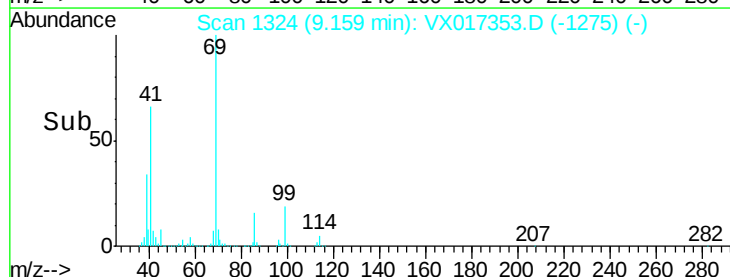
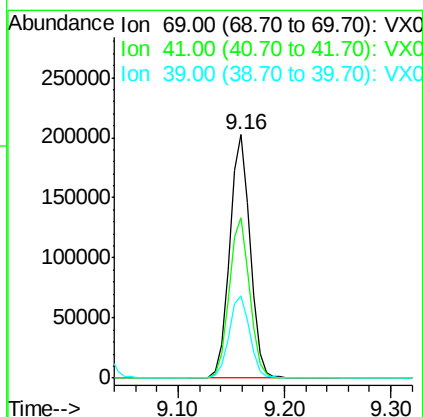
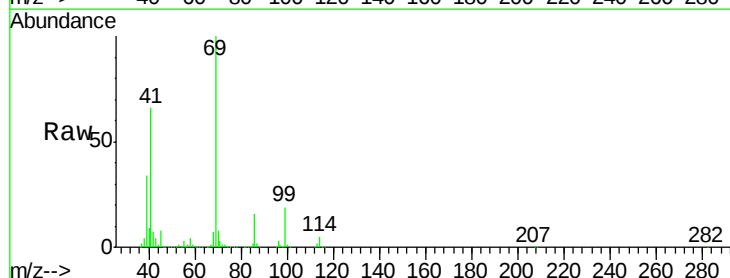
Manual Integrations
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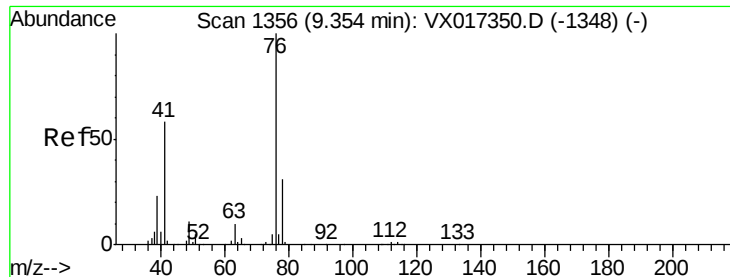
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#56
 Ethyl methacrylate
 Concen: 52.031 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		272973		
41	65.6	52.6	78.8		
39	34.4	28.8	43.2		





#57

1,3-Dichloropropane

Concen: 47.881 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion: 76 Resp: 294319

Ion Ratio Lower Upper

76 100

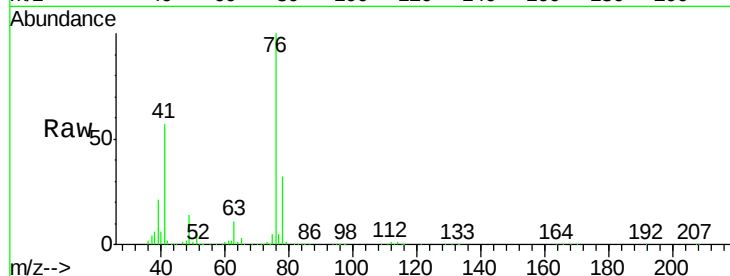
78 32.2 25.8 38.6

Manual Integrations

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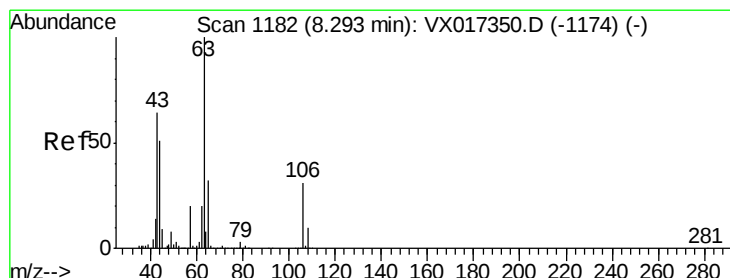
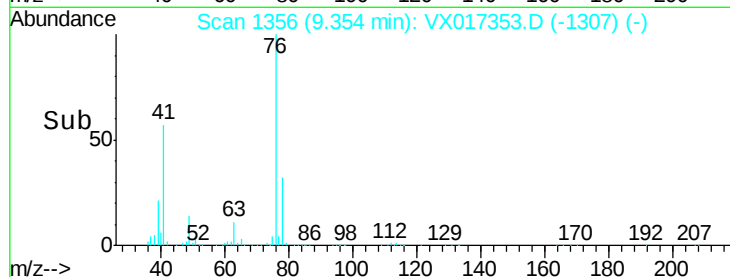
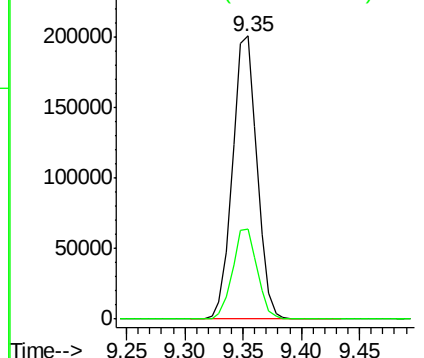
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 262.772 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017353.D

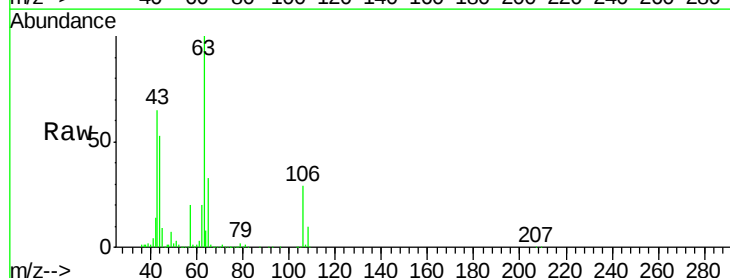
Acq: 13 Jul 2020 14:57

Tgt Ion: 63 Resp: 699978

Ion Ratio Lower Upper

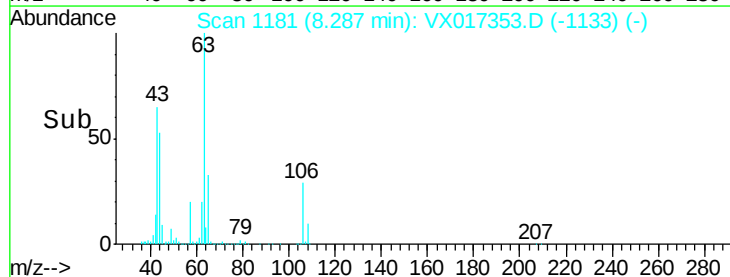
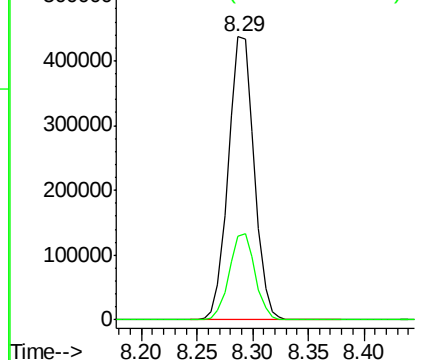
63 100

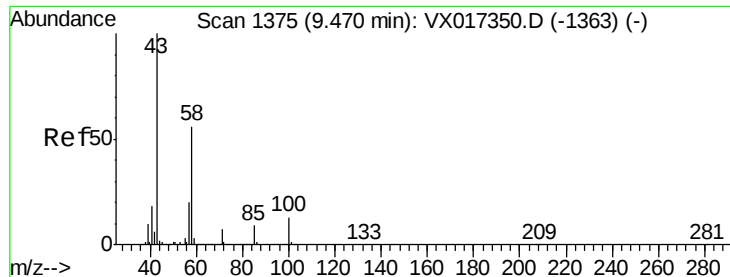
106 30.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





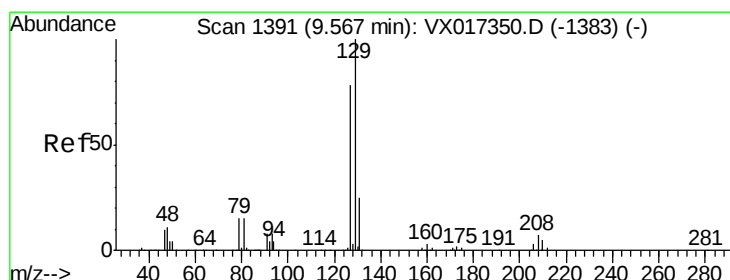
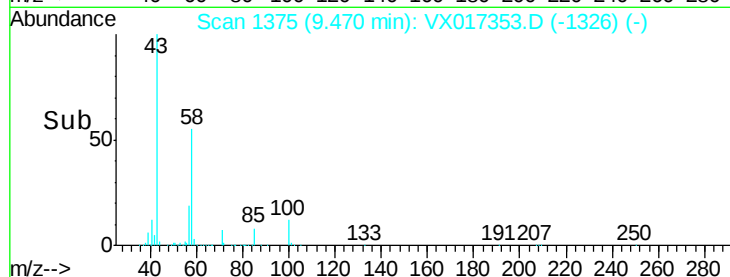
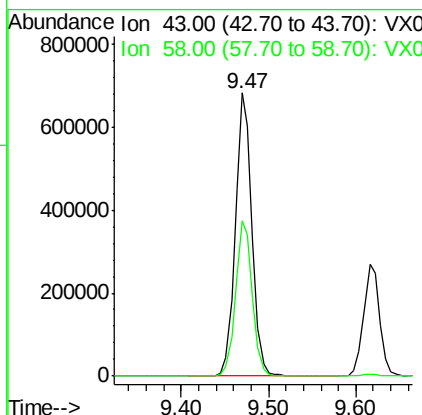
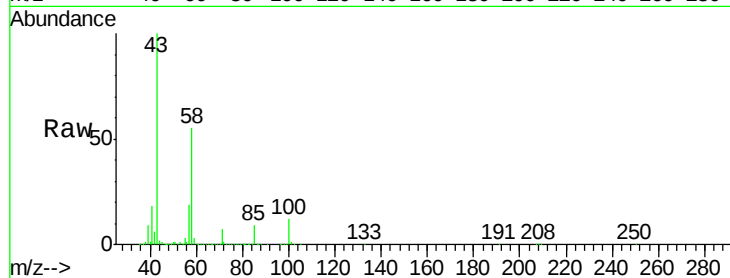
#59
2-Hexanone
Concen: 246.793 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	28.1	84.3

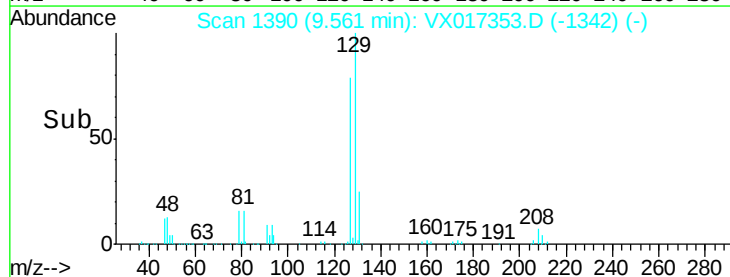
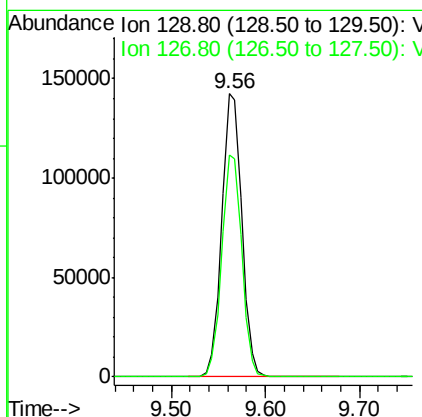
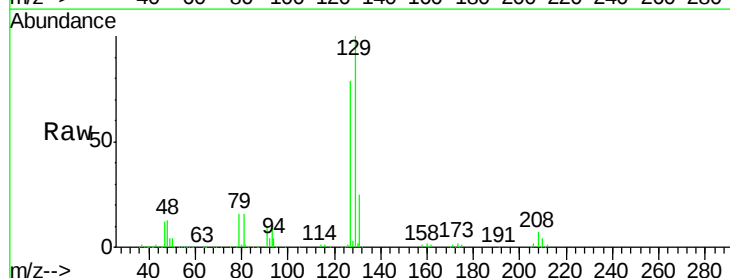
Manual Integrations
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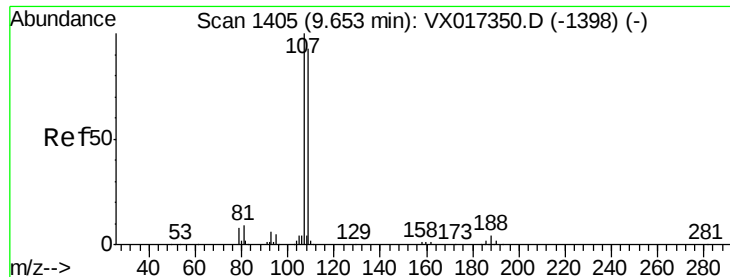
MMDadoda
7/14/2020 11:35:54 AM



#60
Dibromochloromethane
Concen: 46.548 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.9	116.6





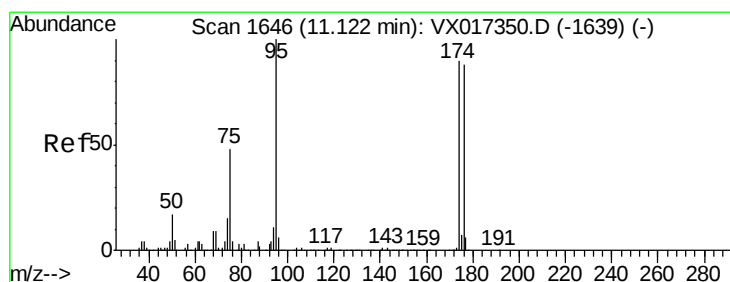
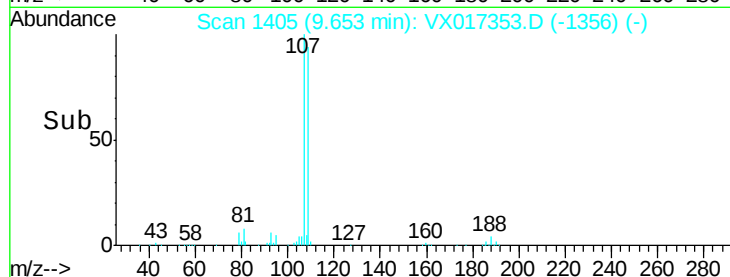
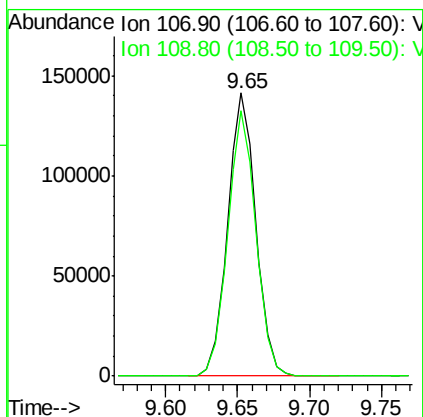
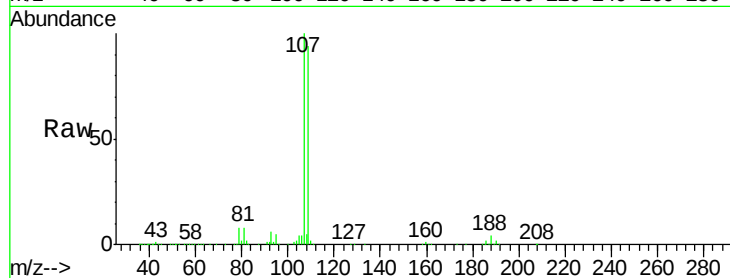
#61
 1,2-Dibromoethane
 Concen: 48.250 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071320

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.0	112.4

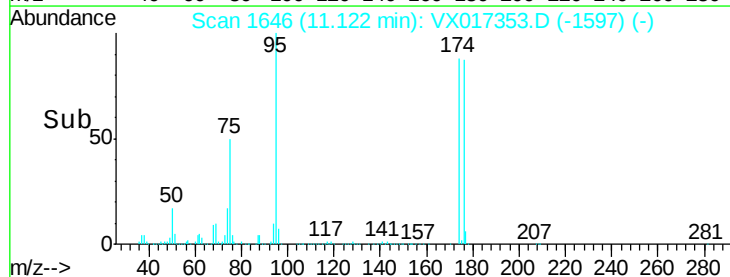
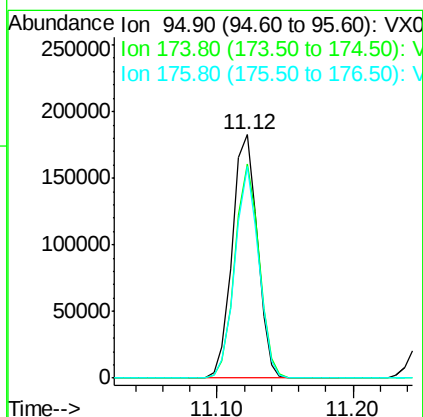
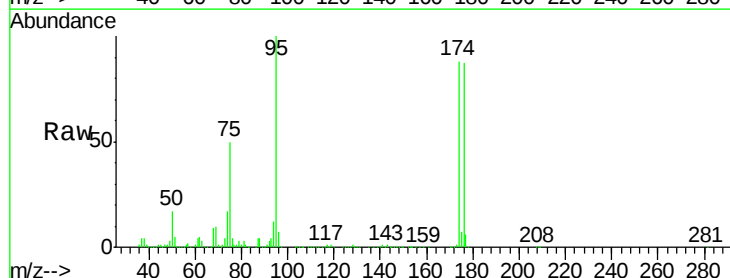
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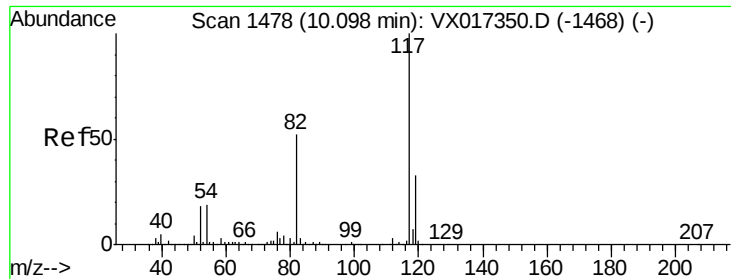
MMDadoda
 7/14/2020 11:35:54 AM



#62
 4-Bromofluorobenzene
 Concen: 46.584 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	175.8
176	82.3	0.0	164.6





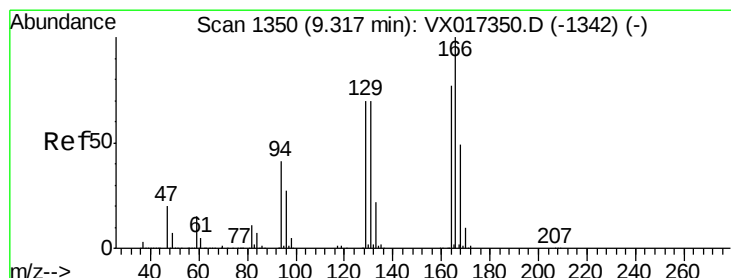
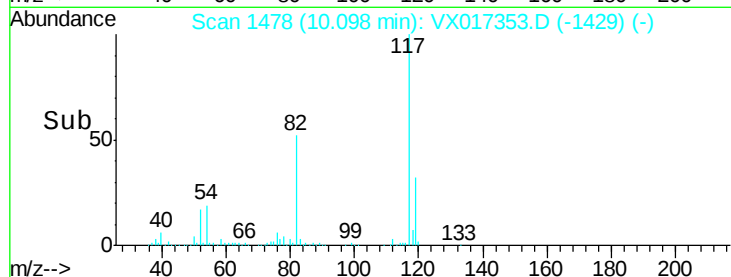
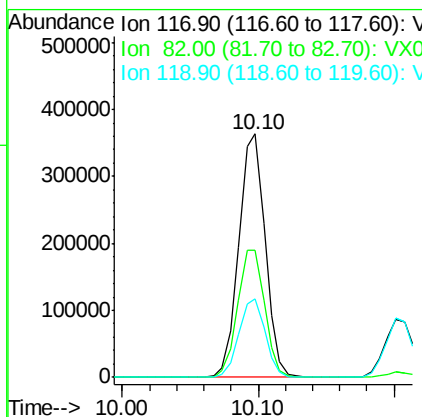
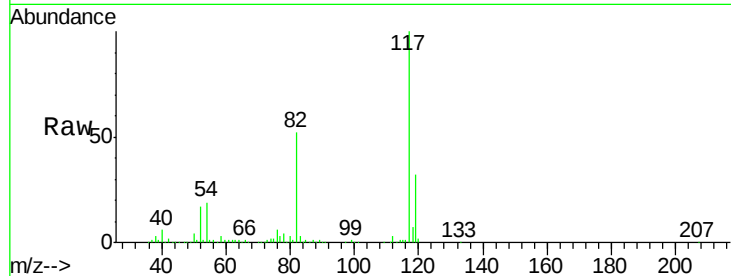
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Resp	Lower	Upper
117	100	491009		
82	52.0		42.0	63.0
119	32.0		26.3	39.5

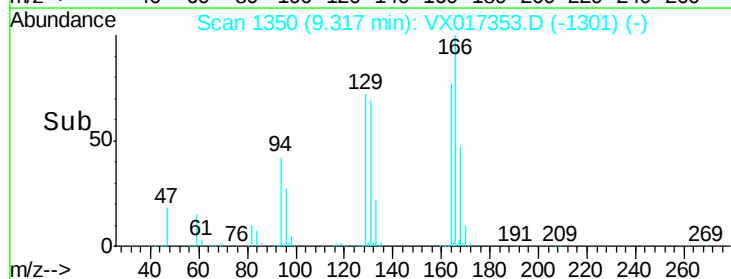
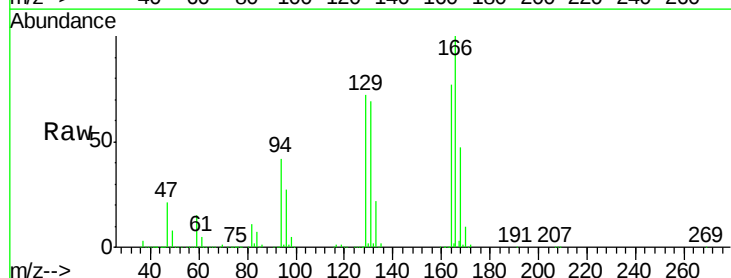
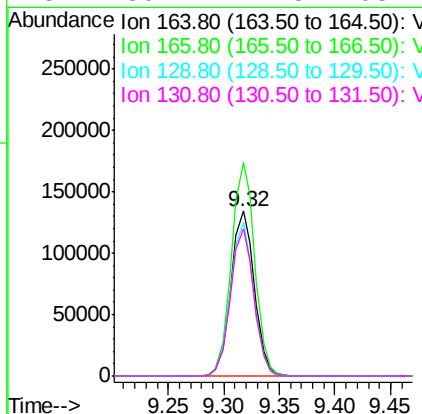
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#64
Tetrachloroethene
Concen: 45.929 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	195189		
166	129.4		103.9	155.9
129	93.0		72.9	109.3
131	89.2		72.5	108.7





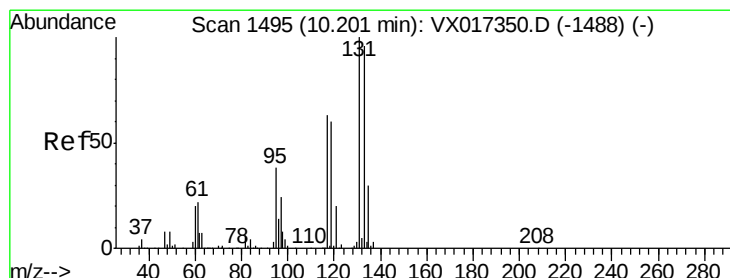
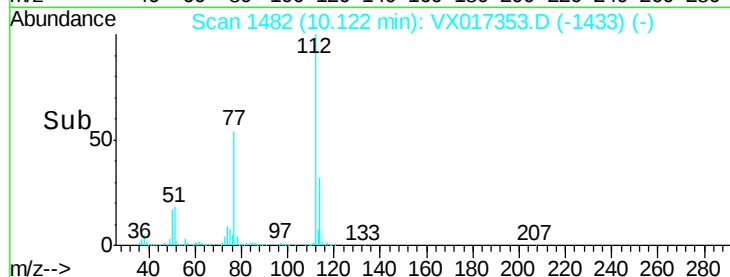
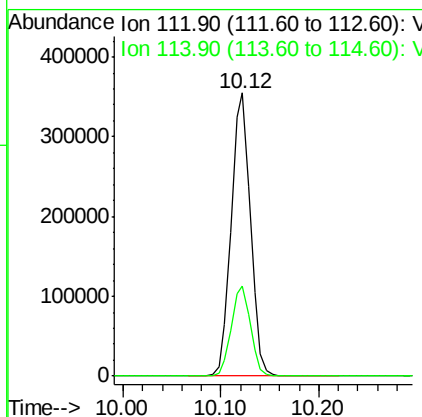
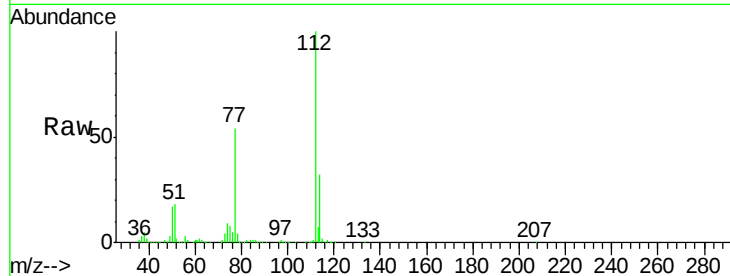
#65
Chlorobenzene
Concen: 48.417 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion:112 Resp: 483118
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0

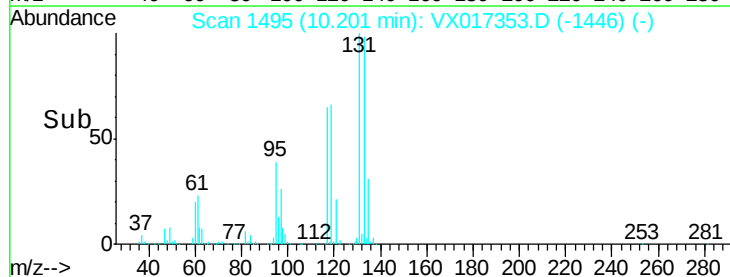
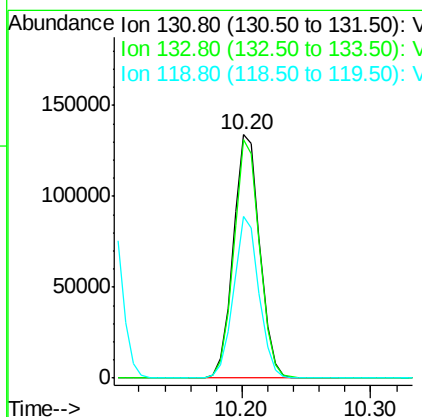
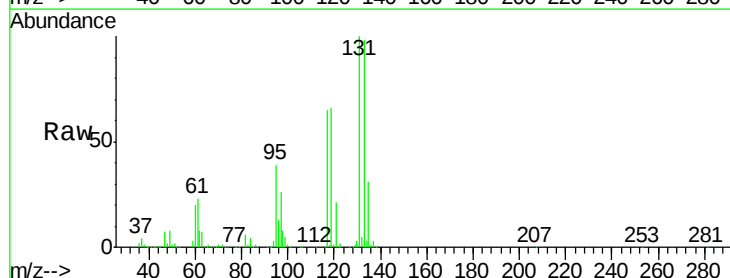
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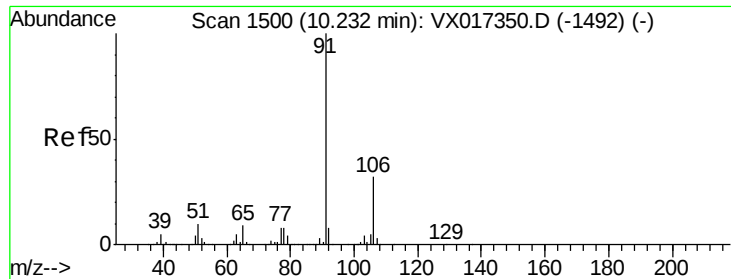
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.129 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion:131 Resp: 191204
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.2
119 63.8 31.2 93.6





#67

Ethyl Benzene

Concen: 50.377 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVX071320

Tot Ion: 91 Resp: 836826

Ion Ratio Lower Upper

91 100

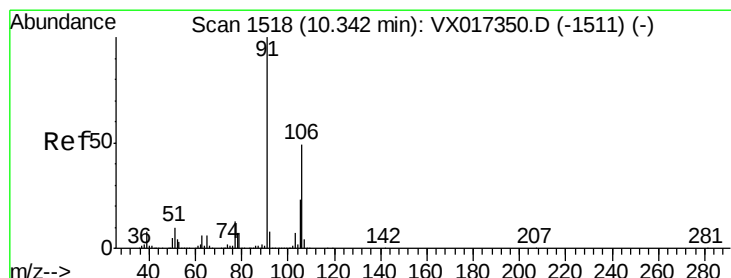
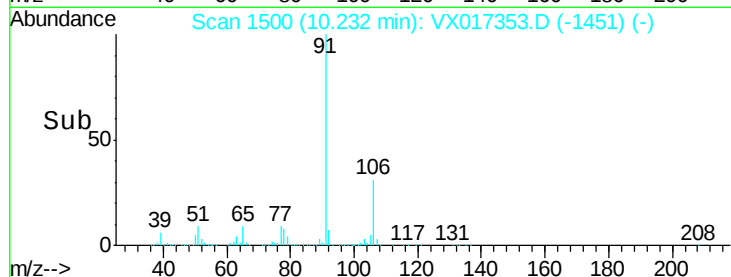
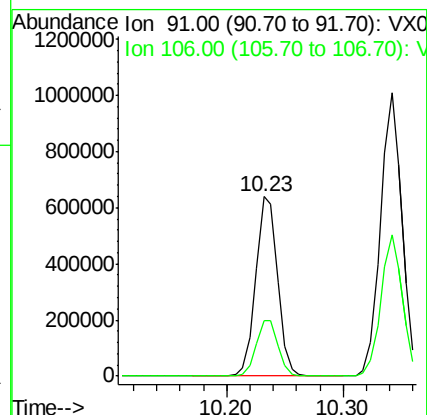
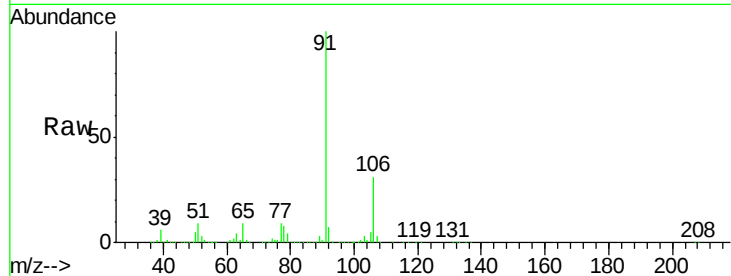
106 30.8 25.7 38.5

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#68

m/p-Xylenes

Concen: 102.548 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017353.D

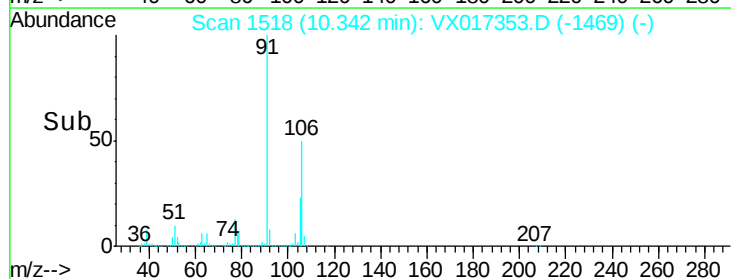
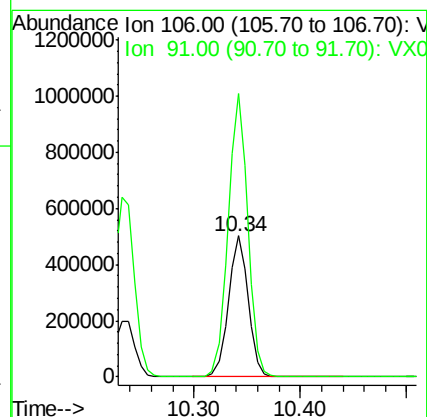
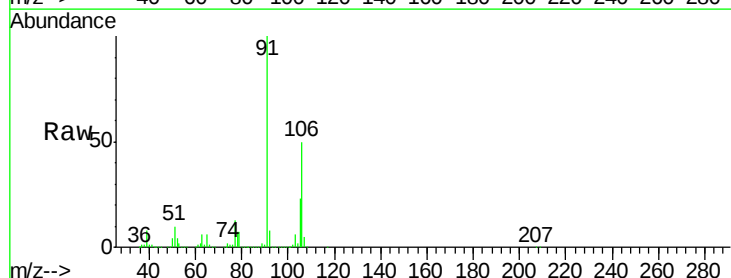
Acq: 13 Jul 2020 14:57

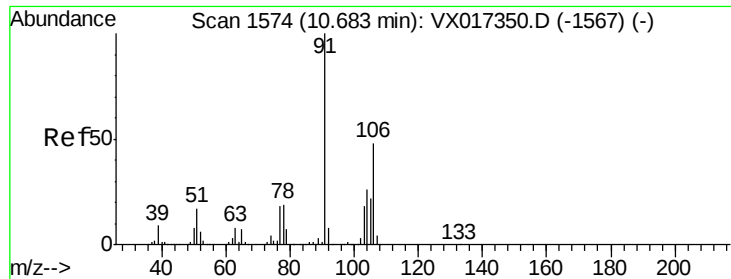
Tgt Ion: 106 Resp: 648129

Ion Ratio Lower Upper

106 100

91 200.3 162.5 243.7





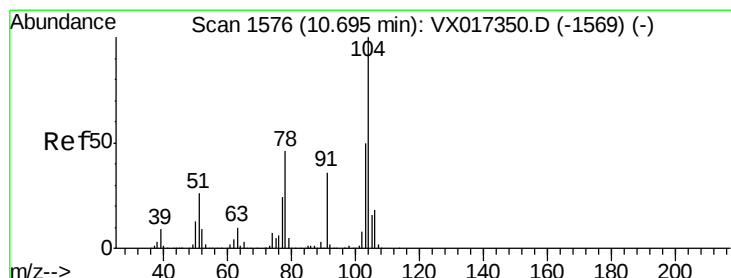
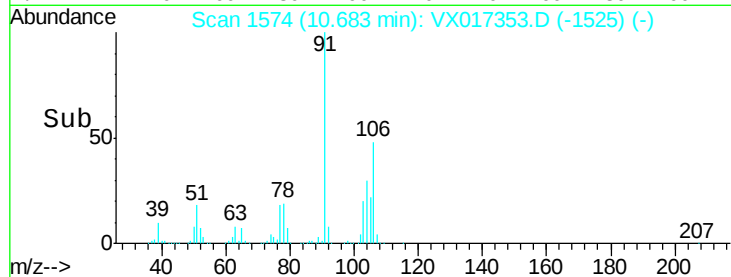
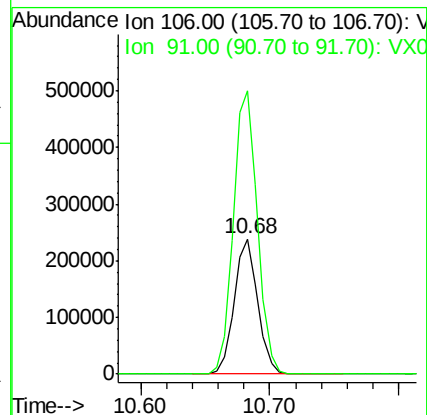
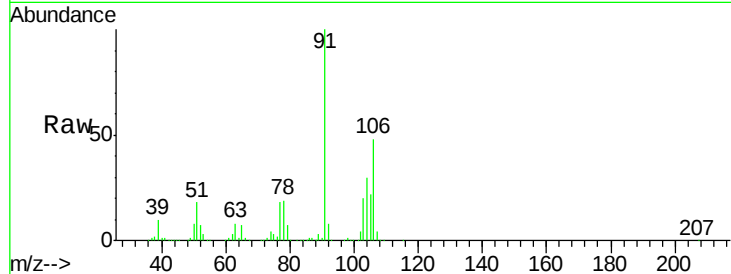
#69
o-Xylene
Concen: 50.336 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	303992		
91	91	215.0	106.1	318.1	

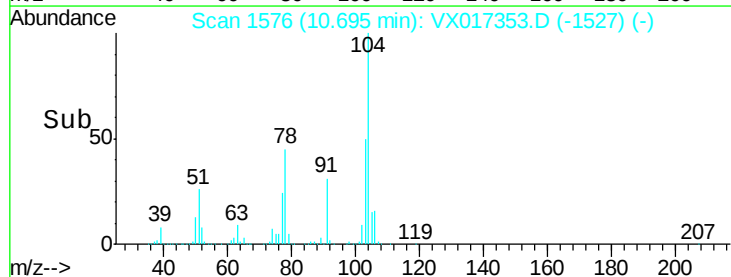
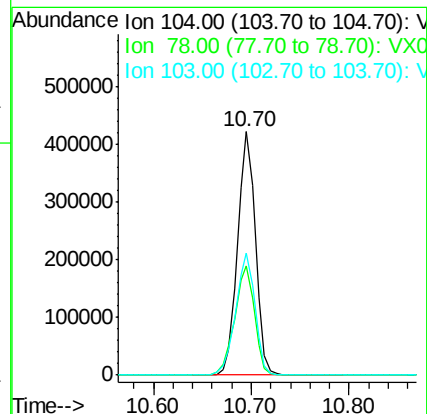
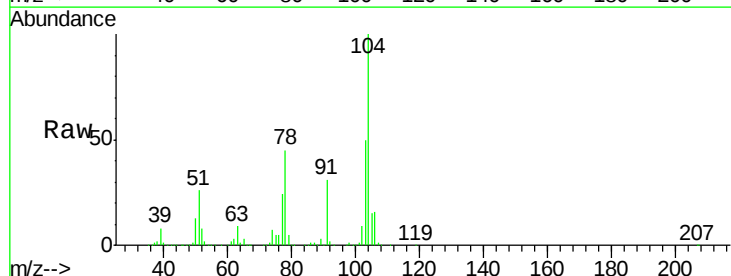
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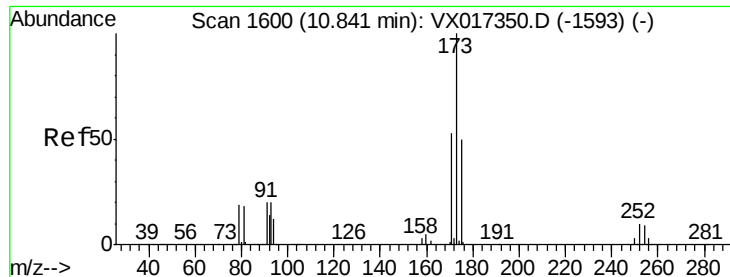
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#70
Styrene
Concen: 51.659 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	535533		
78	78	50.0	40.8	61.2	
103	103	54.5	43.3	64.9	





#71

Bromoform

Concen: 48.258 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion:173 Resp: 161778

Ion Ratio Lower Upper

173 100

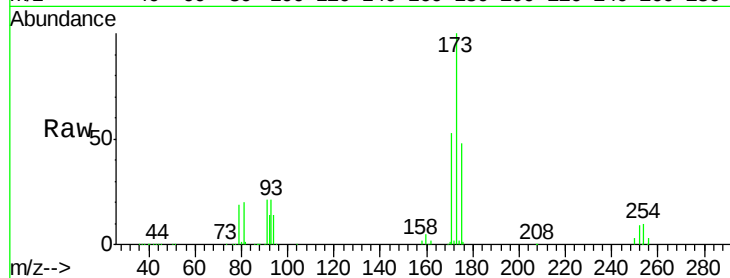
175 48.7 24.7 74.1

254 0.0 0.1 0.1#

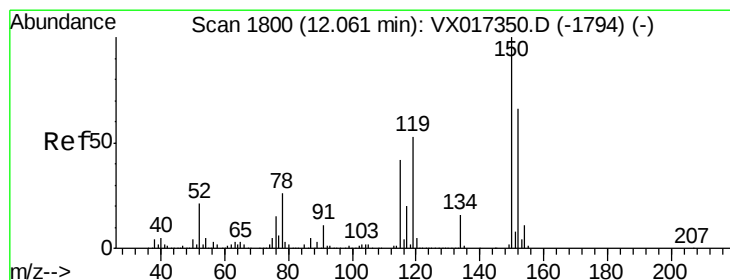
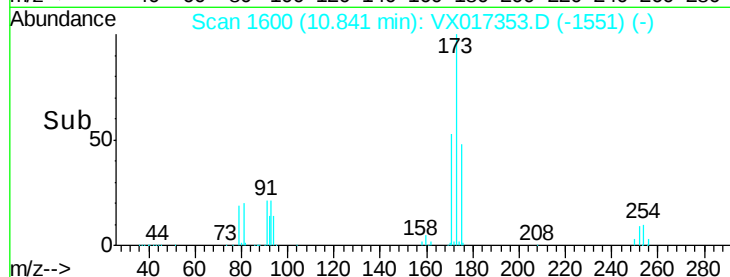
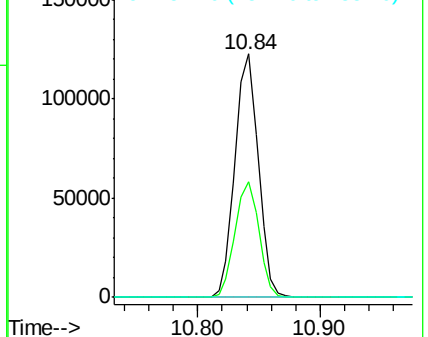
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

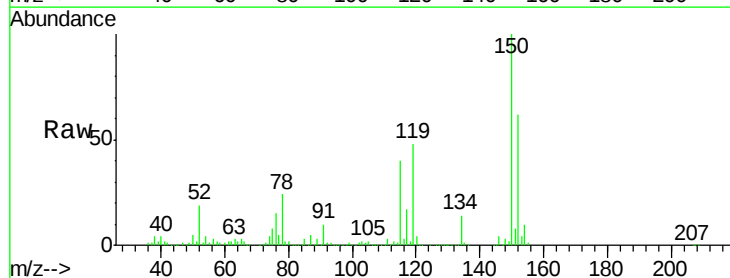
Tgt Ion:152 Resp: 271780

Ion Ratio Lower Upper

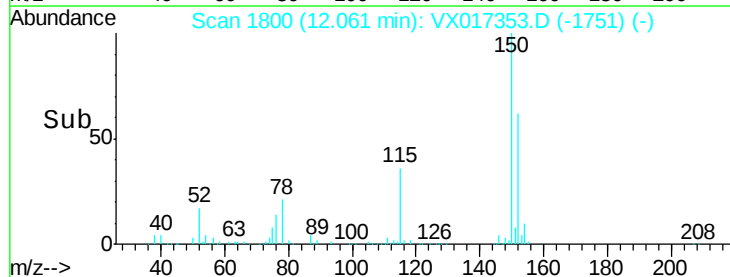
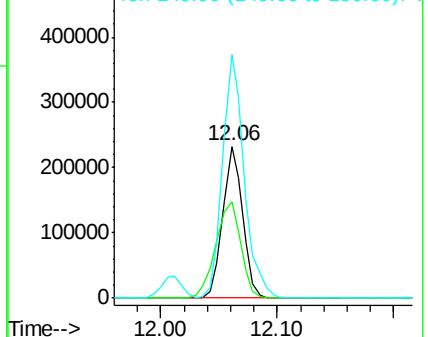
152 100

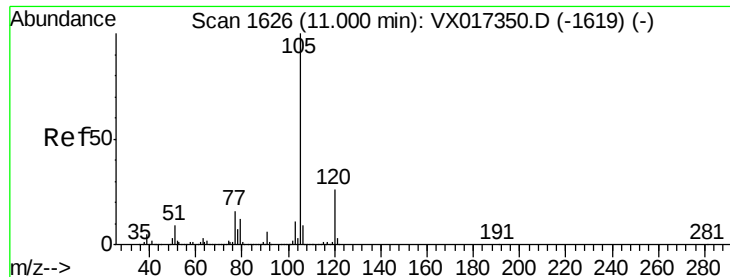
115 79.7 39.9 119.7

150 176.7 0.0 343.4



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





#73

Isopropylbenzene

Concen: 49.008 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion: 105 Resp: 834957

Ion Ratio Lower Upper

105 100

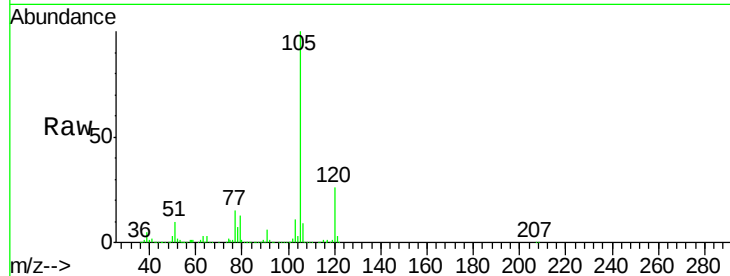
120 26.6 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

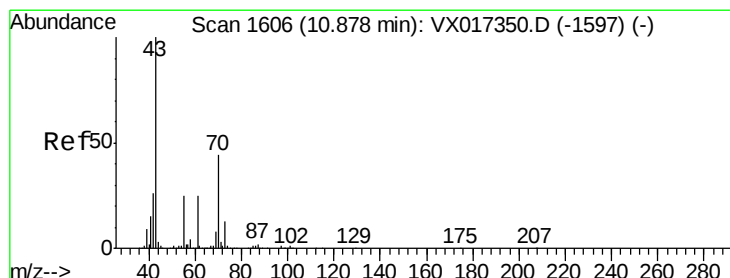
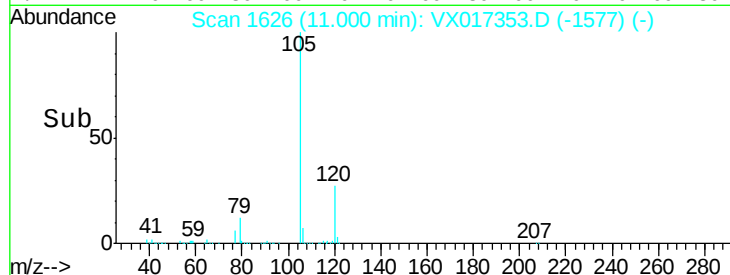
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 52.866 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Tgt Ion: 43 Resp: 360425

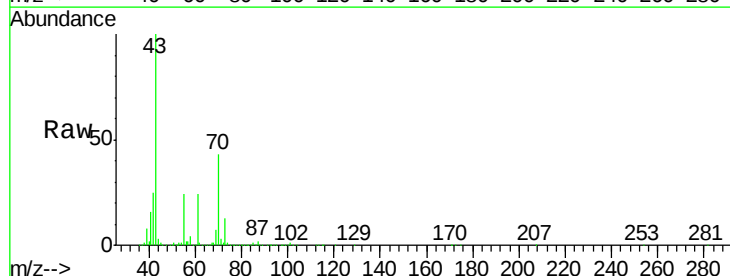
Ion Ratio Lower Upper

43 100

70 43.6 35.7 53.5

55 24.6 20.3 30.5

61 24.6 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

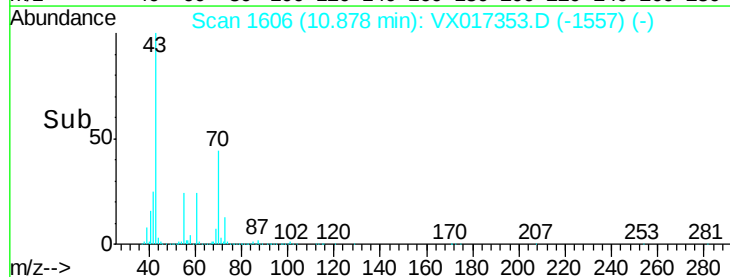
300000

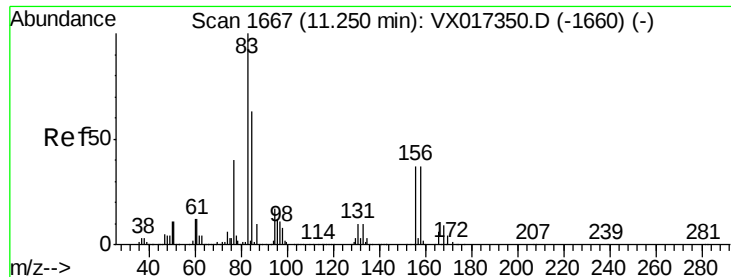
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 48.689 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

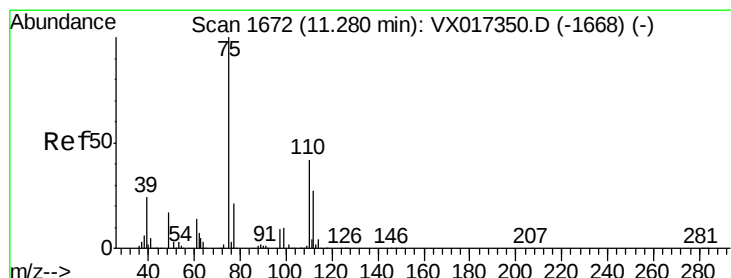
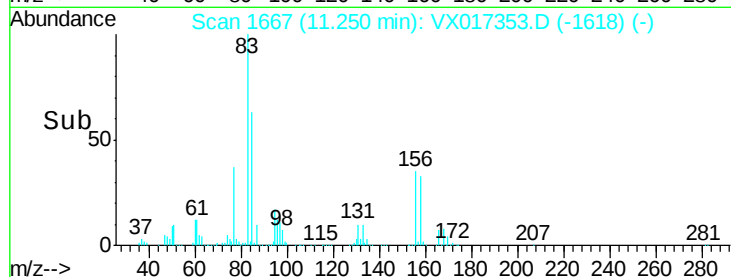
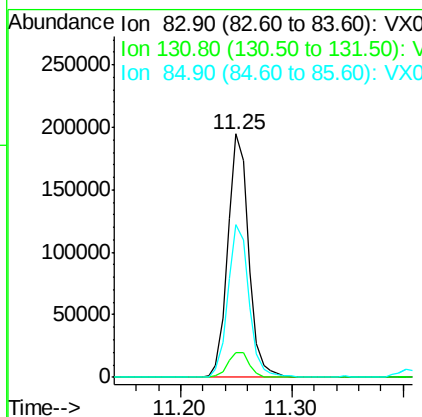
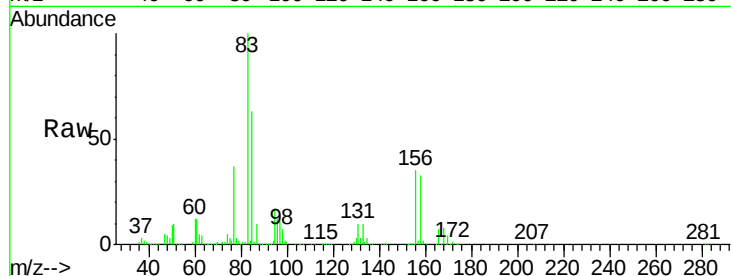
ClientSampleId :

ICVVX071320

Tot Ion:	83	Resp:	251860
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.7
85	63.3	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 50.089 ug/l m

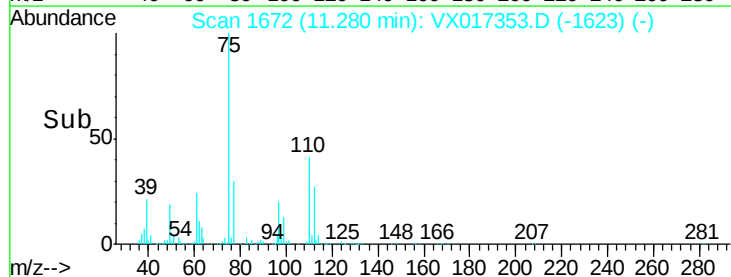
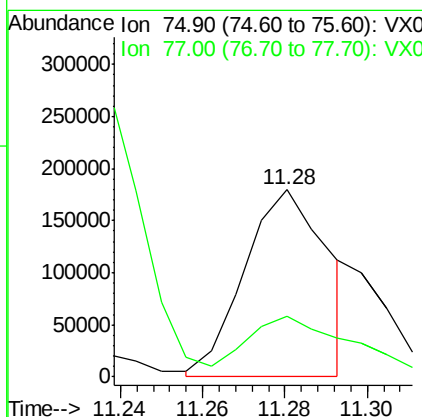
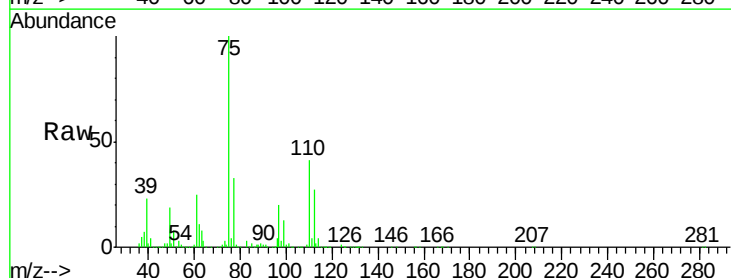
RT: 11.28 min Scan# 1672

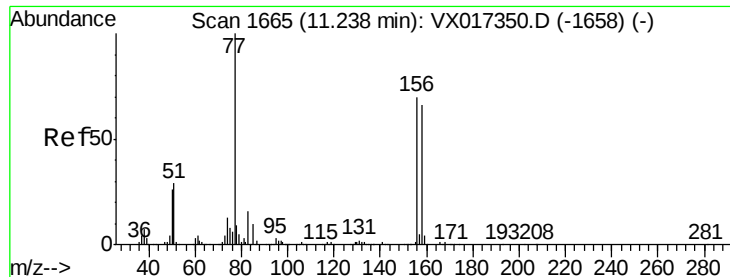
Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Tgt Ion:	75	Resp:	251547
Ion Ratio	Lower	Upper	
75	100		
77	41.1	20.3	60.9





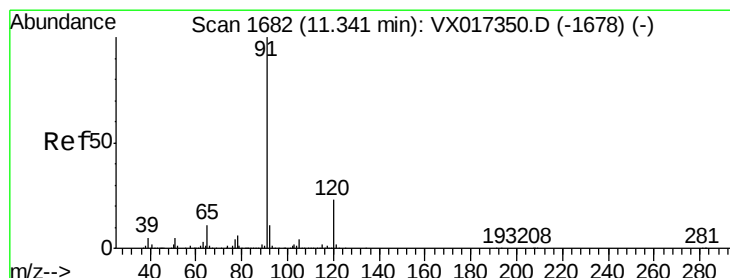
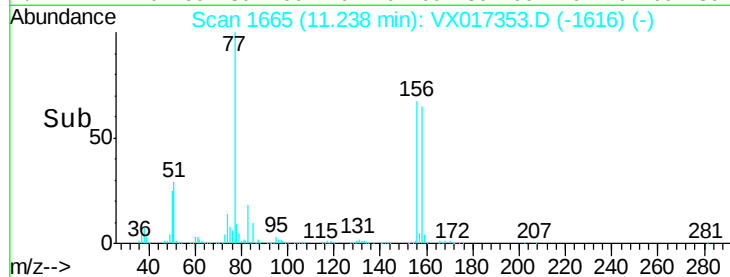
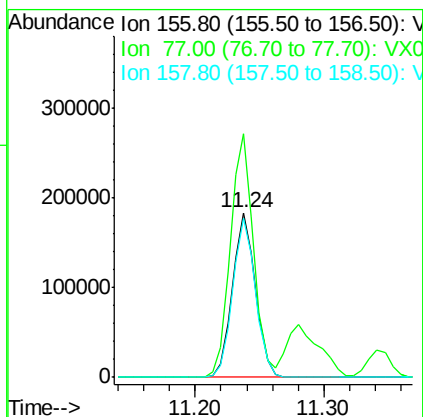
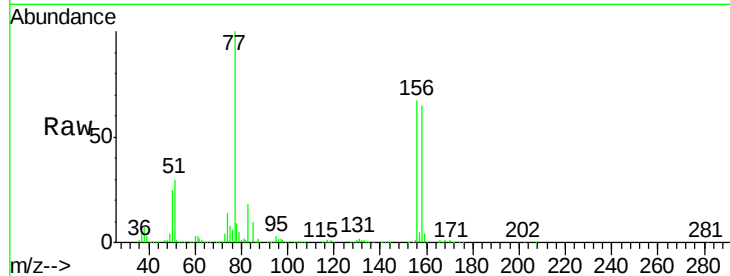
#77
Bromobenzene
Concen: 47.058 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Lower	Upper
156	100		
77	149.7	72.1	216.3
158	96.7	47.4	142.3

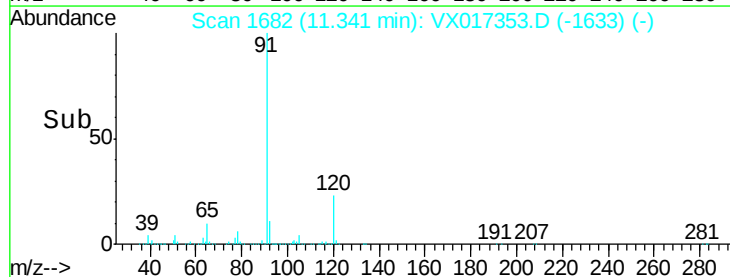
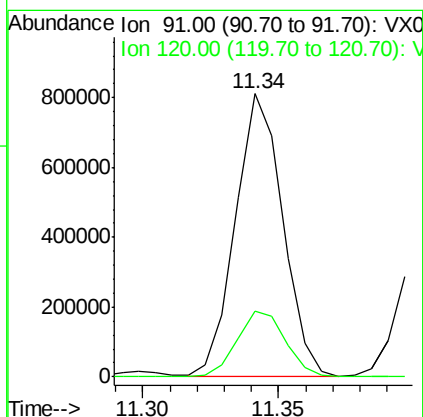
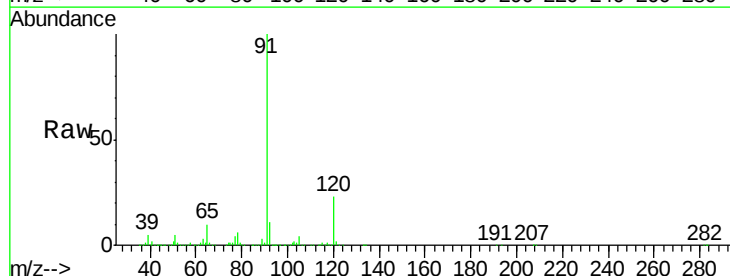
Manual Integrations
APPROVED

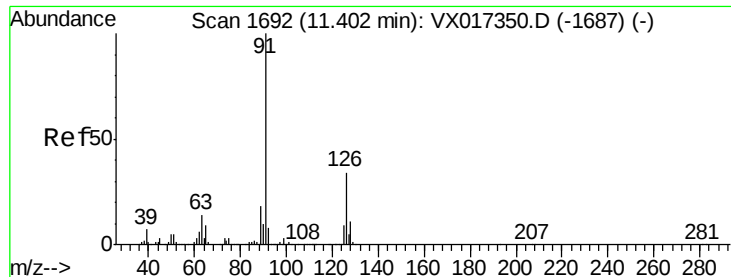
MMDadoda
7/14/2020 11:35:54 AM



#78
n-propylbenzene
Concen: 50.783 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.9	35.9





#79

2-Chlorotoluene

Concen: 48.822 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion: 91 Resp: 575673

Ion Ratio Lower Upper

91 100

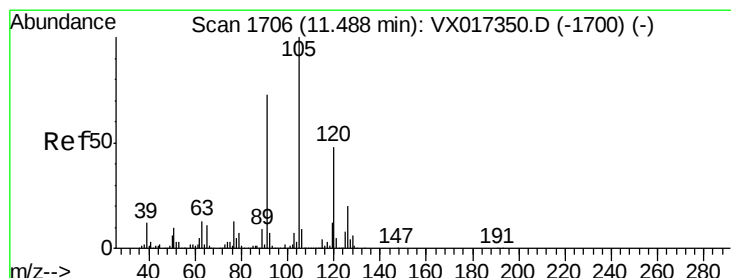
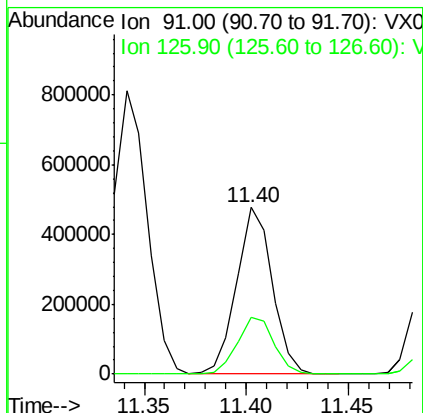
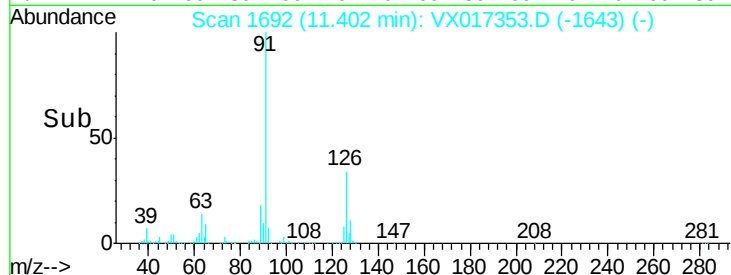
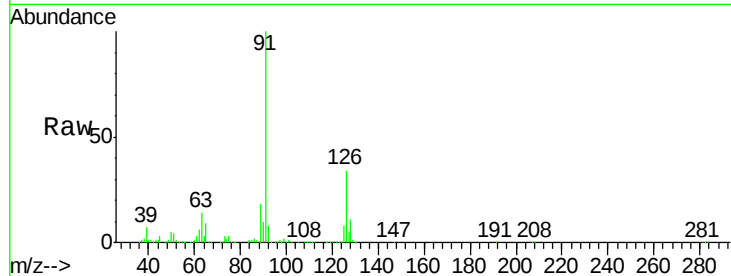
126 35.4 17.4 52.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.025 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017353.D

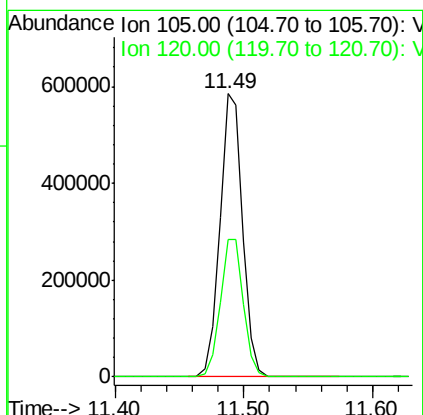
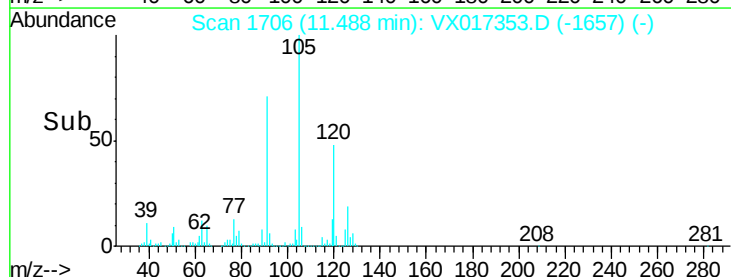
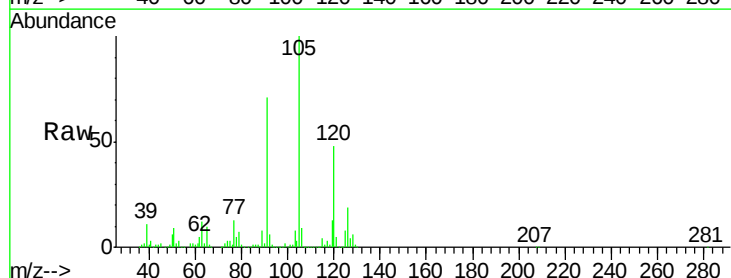
Acq: 13 Jul 2020 14:57

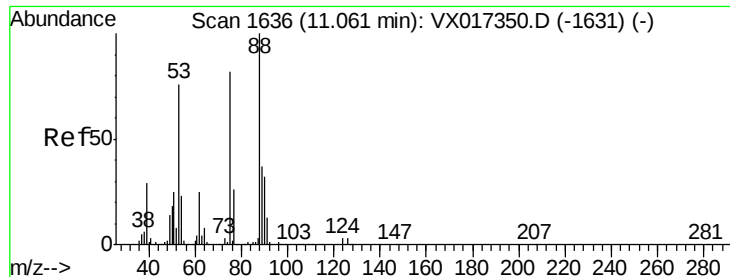
Tgt Ion: 105 Resp: 723469

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4





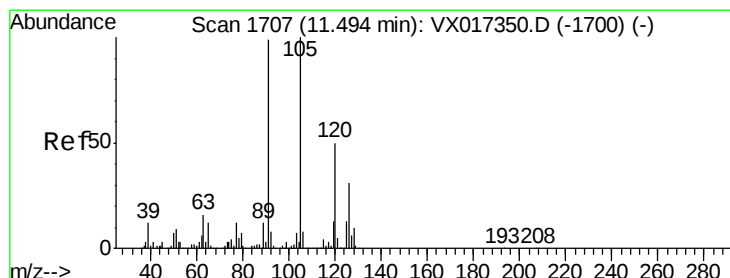
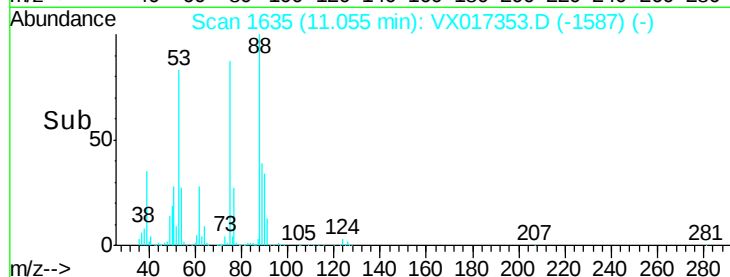
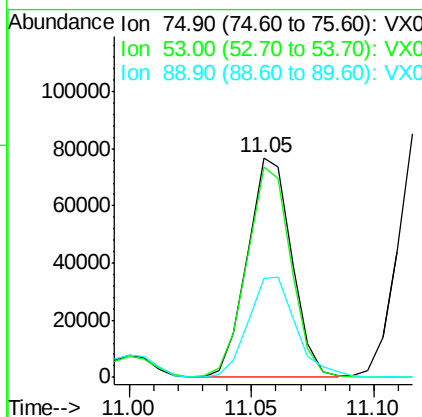
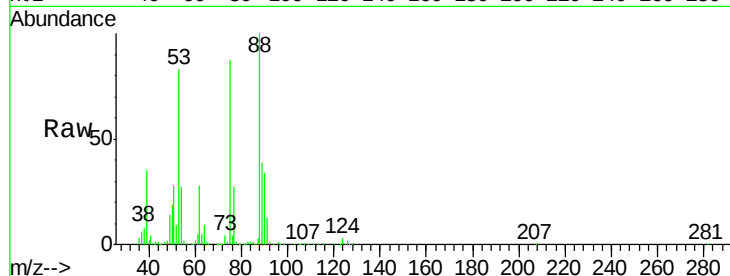
#81
trans-1,4-Dichloro-2-butene
Concen: 48.972 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.1	76.5	114.7
89	49.5	38.1	57.1

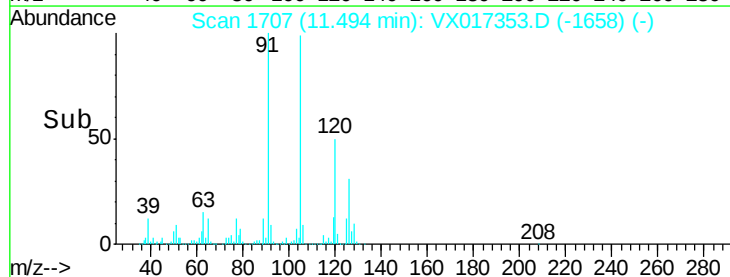
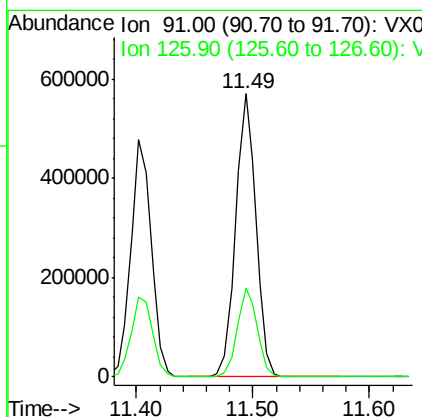
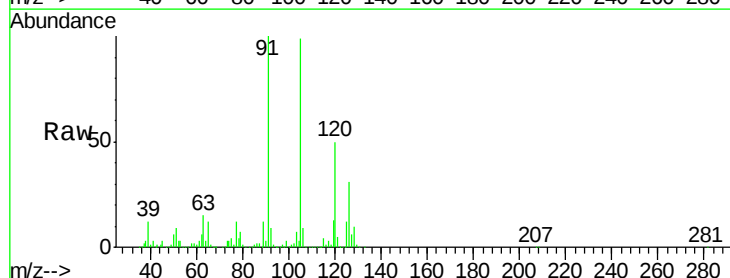
Manual Integrations
APPROVED

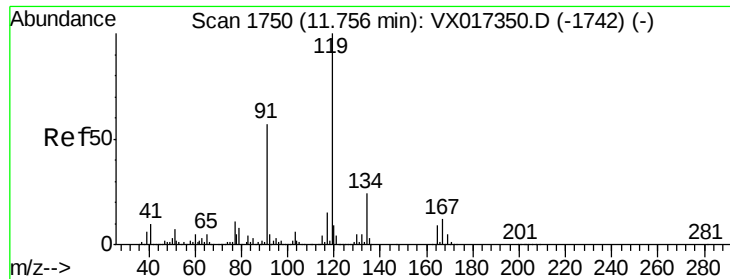
MMDadoda
7/14/2020 11:35:54 AM



#82
4-Chlorotoluene
Concen: 49.558 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.2





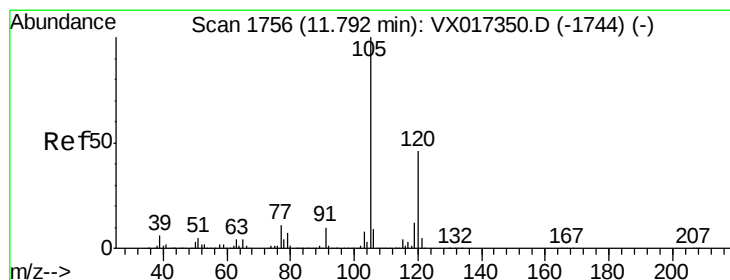
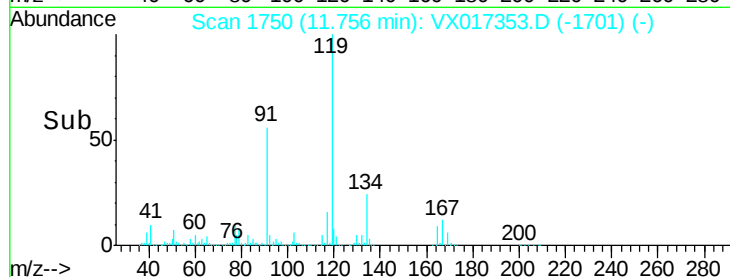
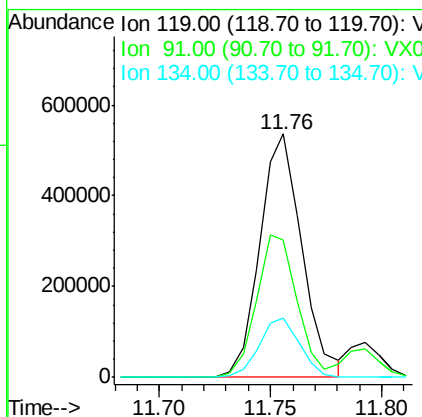
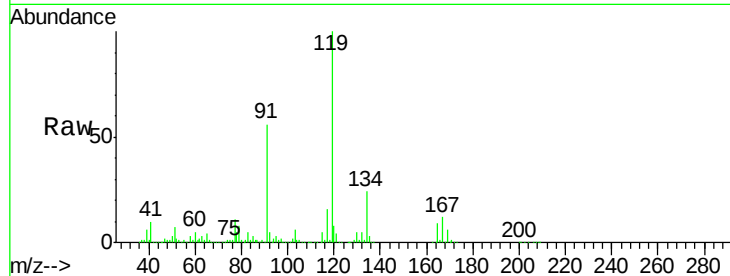
#83
tert-Butylbenzene
Concen: 50.350 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Resp	Lower	Upper
119	100	703901		
91	56.4	28.5	85.6	
134	23.6	11.9	35.9	

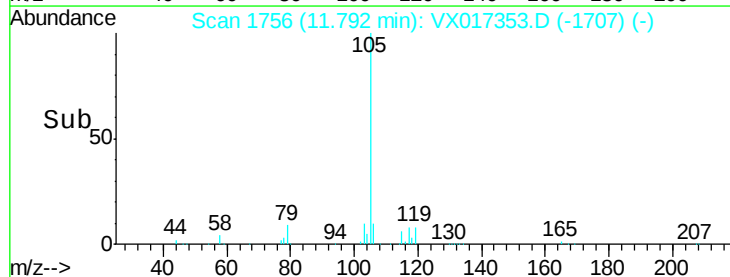
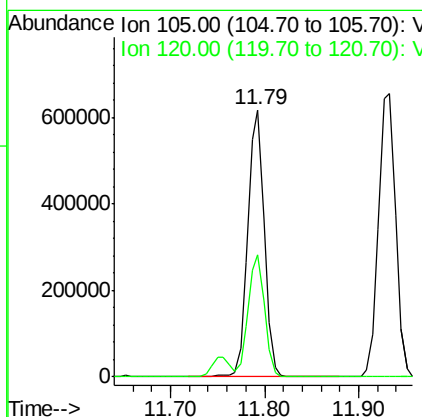
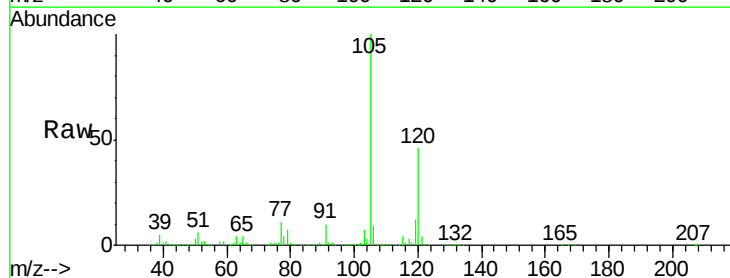
Manual Integrations
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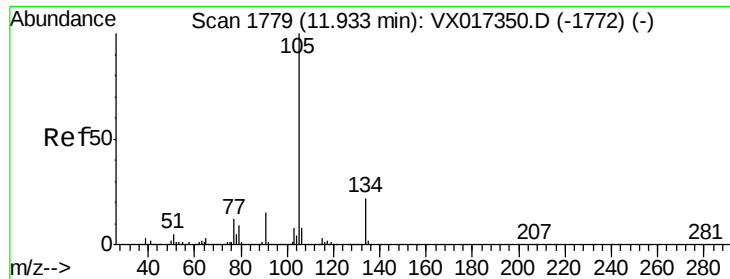
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.973 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	744750		
120	45.5	22.8	68.4	





#85

sec-Butylbenzene

Concen: 50.560 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071320

Tot Ion:105 Resp: 827532

Ion Ratio Lower Upper

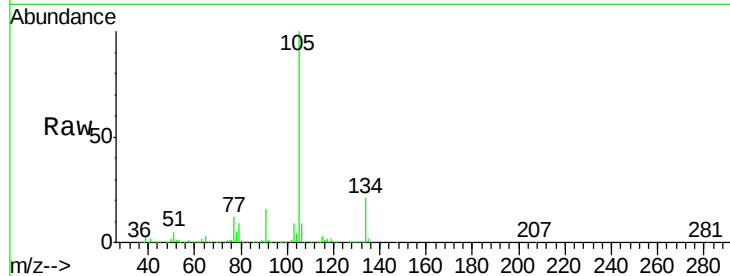
105 100

134 20.7 10.5 31.5

Manual Integrations
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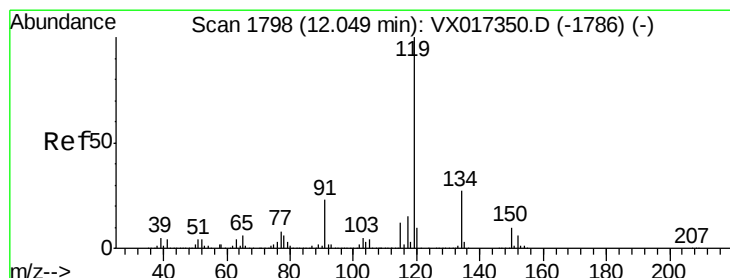
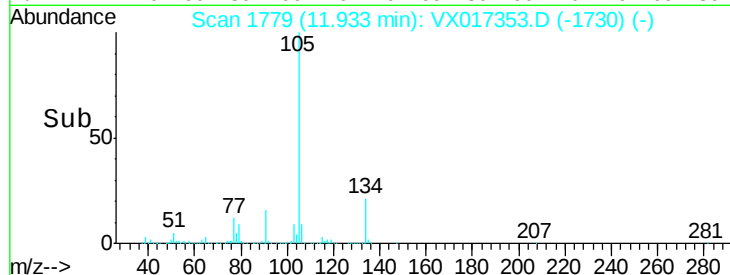
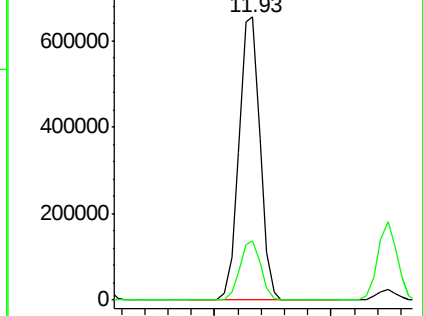
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.218 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

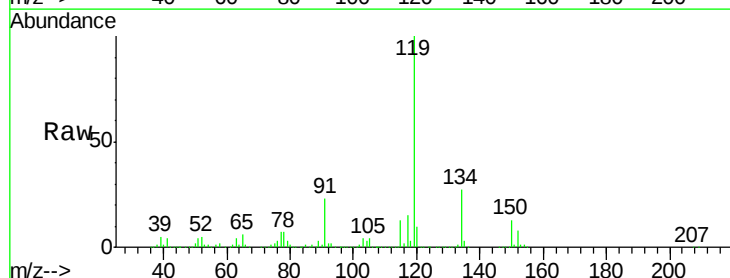
Tgt Ion:119 Resp: 793206

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

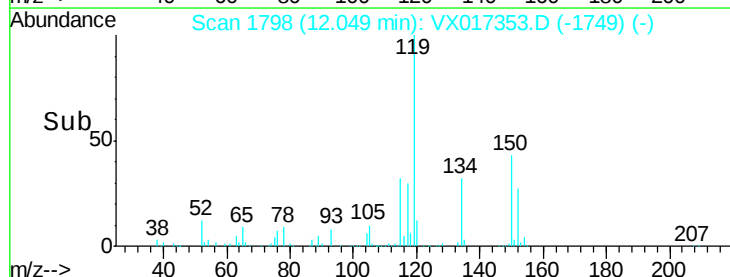
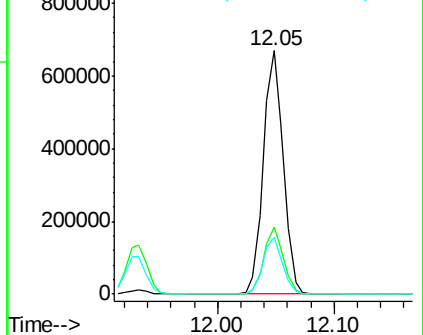
91 23.1 11.8 35.3

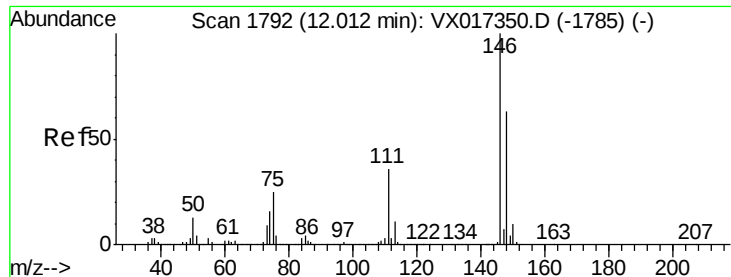


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





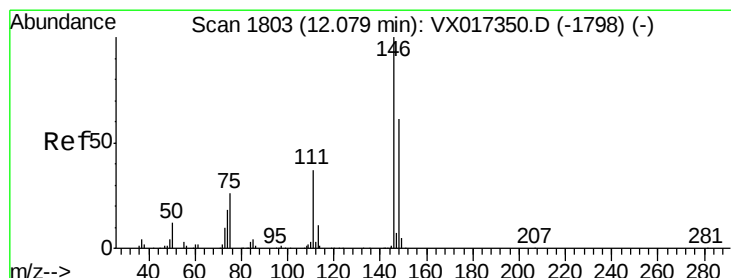
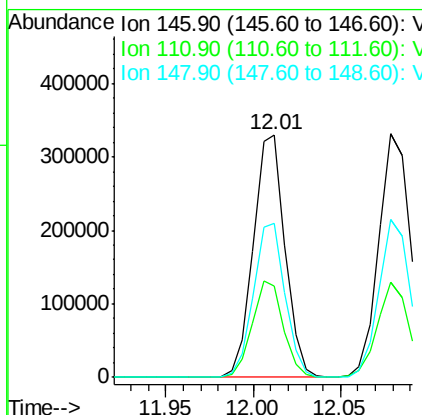
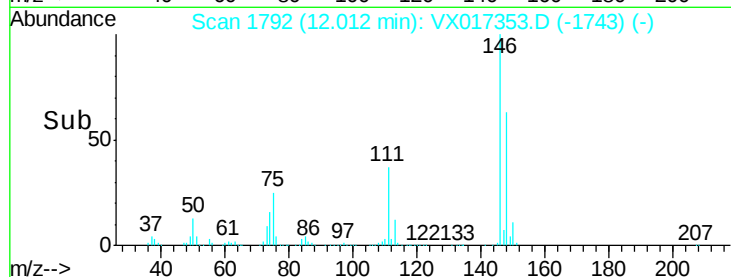
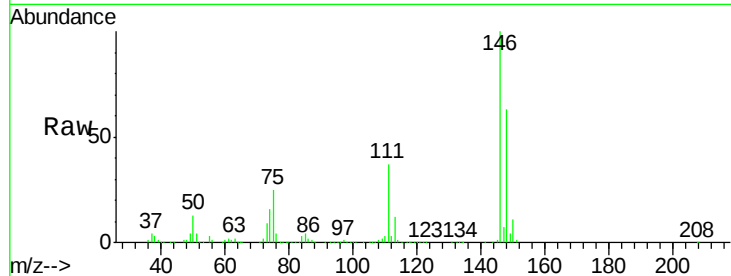
#87
 1,3-Dichlorobenzene
 Concen: 47.823 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071320

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	63.4	31.6	95.0

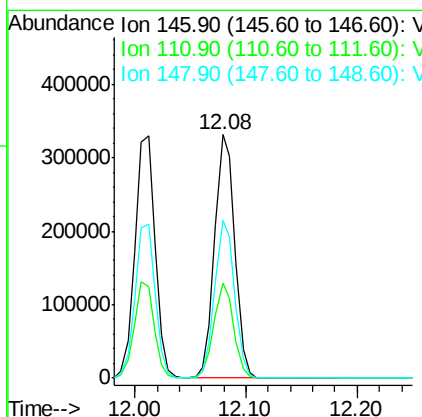
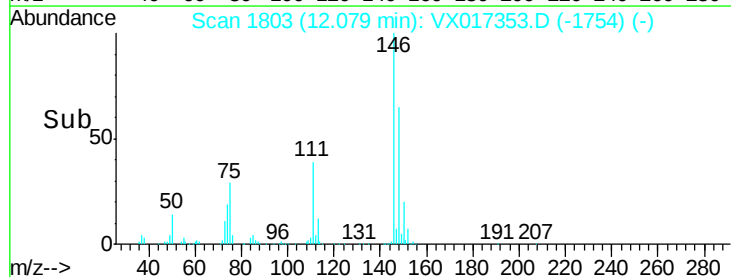
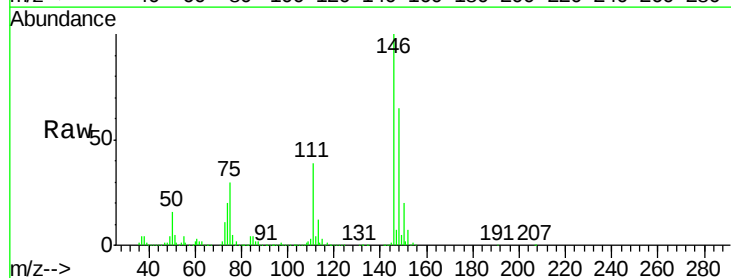
Manual Integrations
 APPROVED

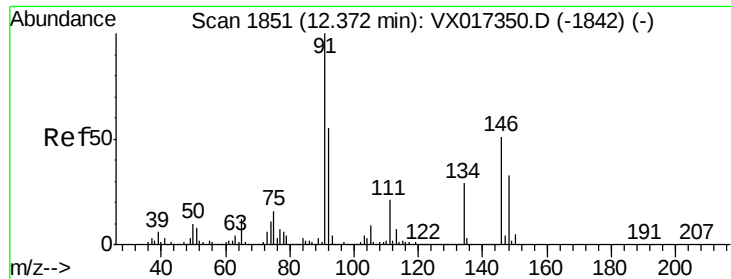
MMDadoda
 7/14/2020 11:35:54 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.397 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	64.1	31.9	95.9





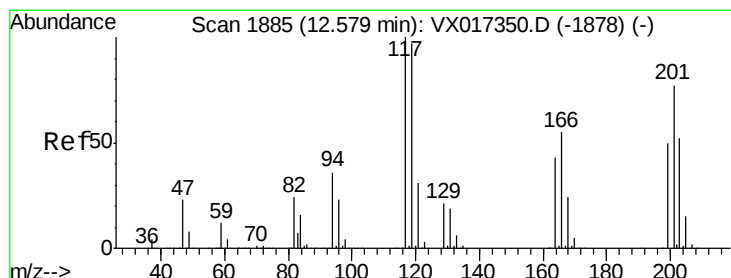
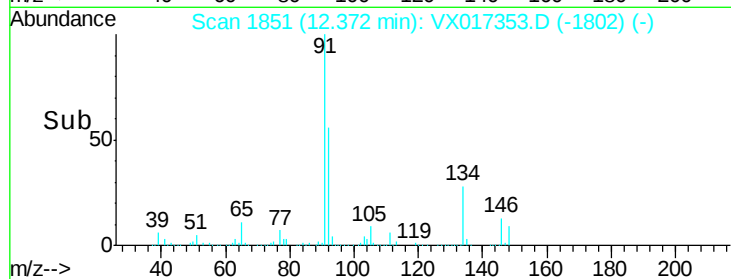
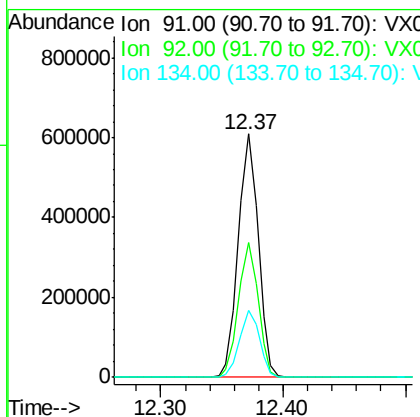
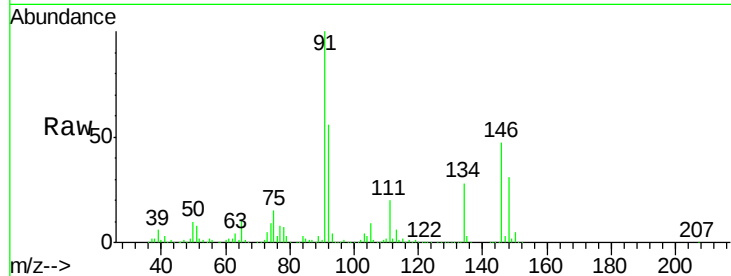
#89
n-Butylbenzene
Concen: 51.877 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071320

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.0	81.0
134	27.4	14.1	42.2

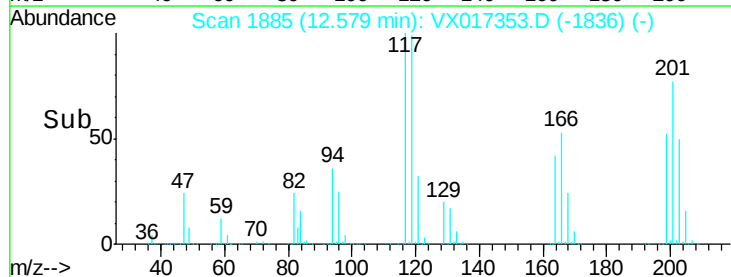
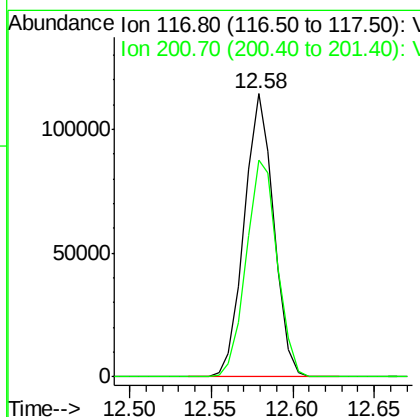
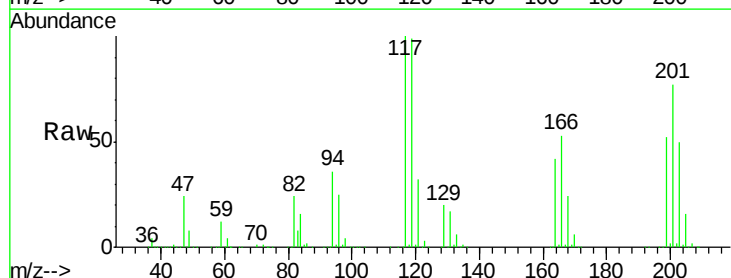
Manual Integrations
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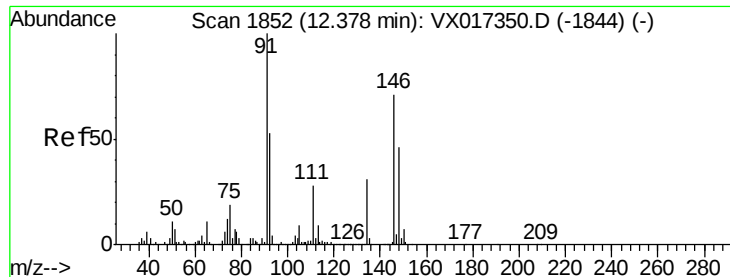
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#90
Hexachloroethane
Concen: 48.931 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017353.D
Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	41.0	123.0





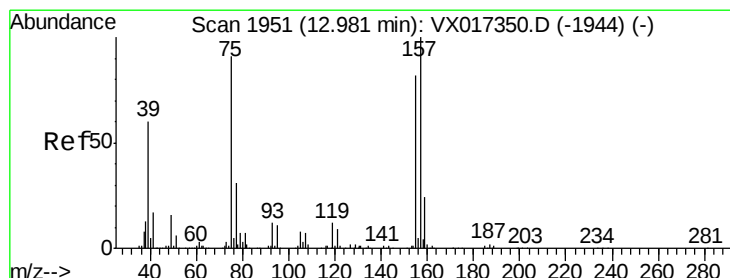
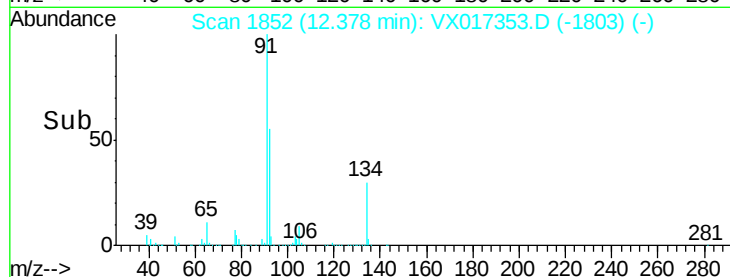
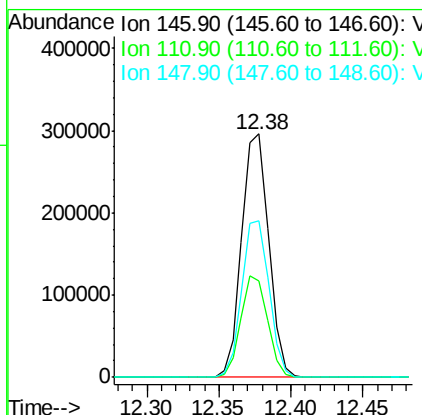
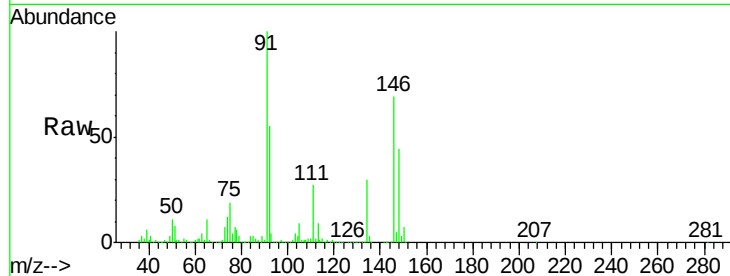
#91
 1,2-Dichlorobenzene
 Concen: 47.511 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071320

Tot Ion	Ratio	Resp	Lower	Upper
146	100	387563		
111	41.2	20.3	61.0	
148	64.9	32.0	96.0	

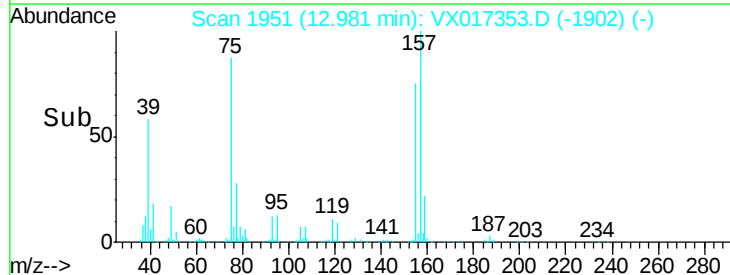
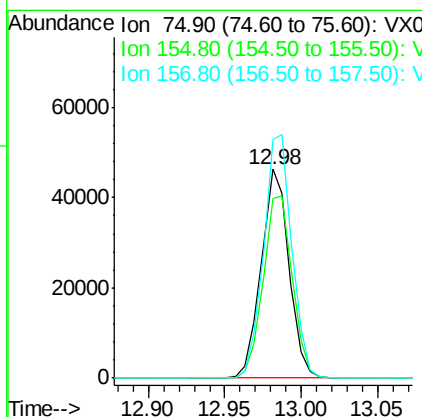
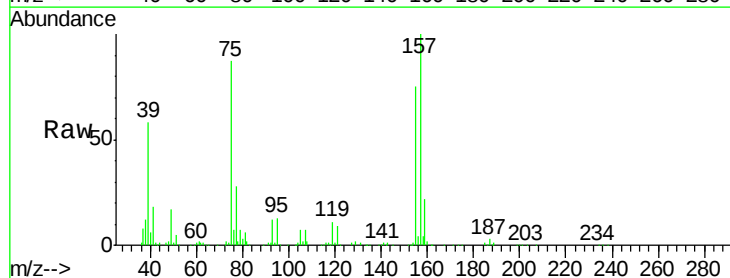
Manual Integrations
 APPROVED

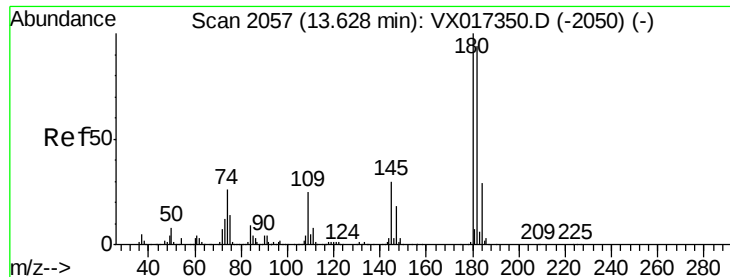
MMDadoda
 7/14/2020 11:35:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.229 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	59005		
155	91.4	46.5	139.3	
157	118.6	58.0	173.9	





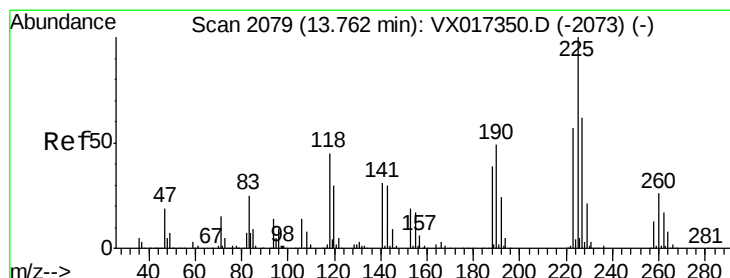
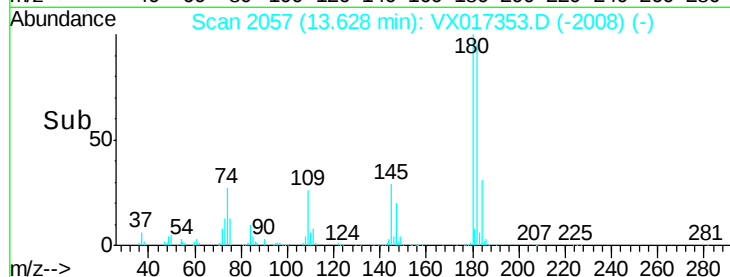
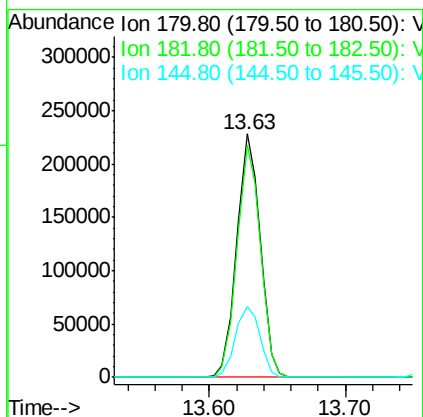
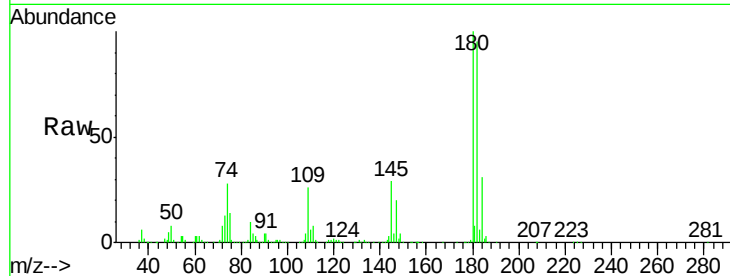
#93
 1,2,4-Trichlorobenzene
 Concen: 48.323 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071320

Tot Ion	Ratio	Resp	Lower	Upper
180	100	273633		
182	95.0	48.4	145.0	
145	30.7	15.3	45.8	

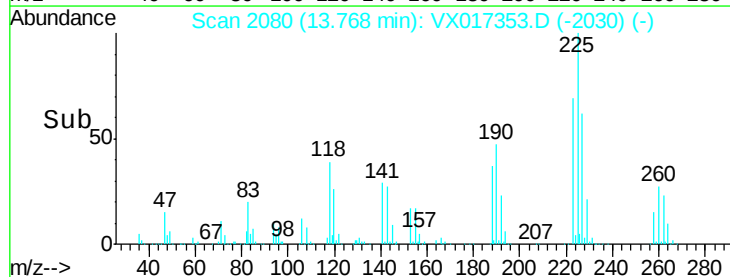
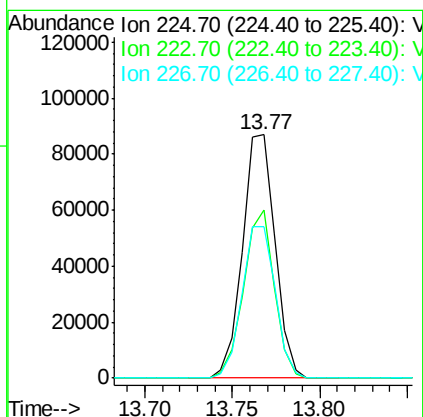
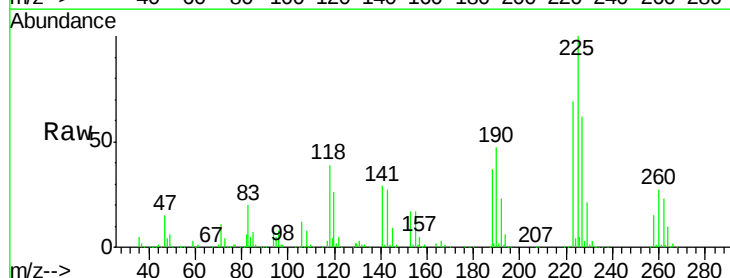
Manual Integrations
 APPROVED

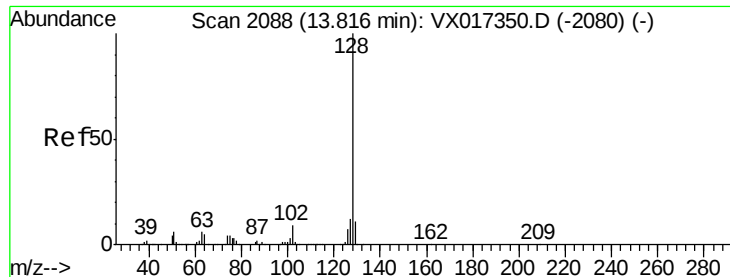
MMDadoda
 7/14/2020 11:35:54 AM



#94
 Hexachlorobutadiene
 Concen: 48.731 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017353.D
 Acq: 13 Jul 2020 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112534		
223	64.9	31.3	93.8	
227	63.8	31.6	95.0	





#95

Naphthalene

Concen: 51.230 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Instrument :

MSVOA_X

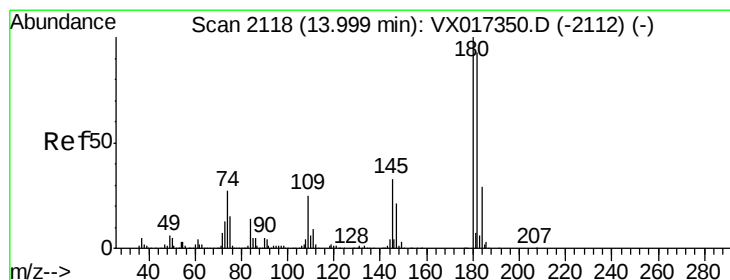
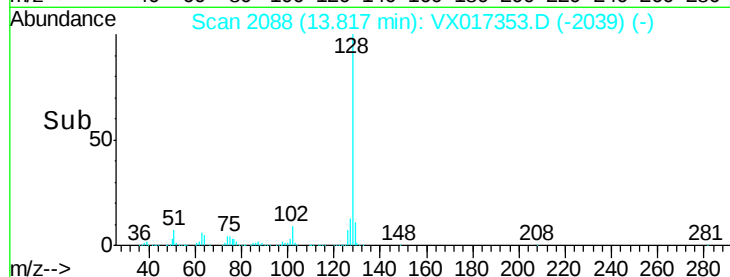
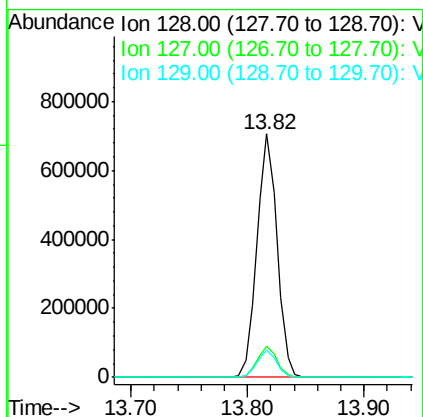
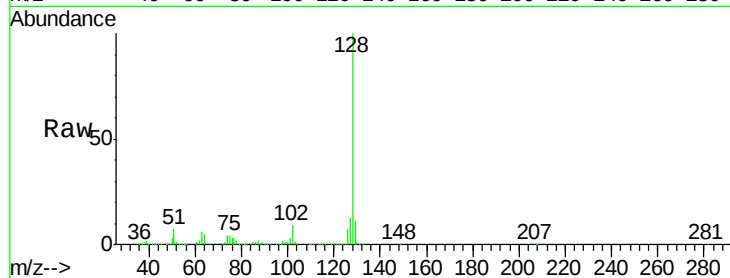
ClientSampleId :

ICVVX071320

Tot Ion:	128	Resp:	852941
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/14/2020 11:35:54 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.663 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017353.D

Acq: 13 Jul 2020 14:57

Tgt Ion:	180	Resp:	271651
Ion Ratio	Lower	Upper	
180	100		
182	94.1	48.8	146.3
145	32.6	16.6	49.7

