

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017612.D
 Acq On : 27 Jul 2020 12:40
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:31:21 AM

Quant Time: Jul 27 16:22:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	111270	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	589328	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	561903	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	256090	29.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.83%
60) 4-Bromofluorobenzene	11.12	95	287765	30.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.80%
63) Toluene-d8	8.70	98	726255	29.21	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	188552	22.062 ug/l	94
3) Chloromethane	1.32	50	166811	20.177 ug/l	96
4) Vinyl Chloride	1.39	62	151310	18.389 ug/l	100
5) Bromomethane	1.63	94	102635	20.198 ug/l	93
6) Chloroethane	1.72	64	84378	18.198 ug/l	96
7) Trichlorofluoromethane	1.92	101	226347	17.766 ug/l	100
8) Diethyl Ether	2.17	74	66169	18.015 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97630	16.927 ug/l	98
10) 1,1-Dichloroethene	2.36	96	87778	16.399 ug/l	96
11) Methyl Iodide	2.49	142	109239	16.212 ug/l	97
12) Methyl Acetate	2.75	43	156297	19.200 ug/l	98
13) Acrolein	2.27	56	111355	92.320 ug/l	99
14) Acrylonitrile	3.11	53	334449	98.270 ug/l	99
15) Acetone	2.42	58	85068	91.504 ug/l	98
16) Carbon Disulfide	2.55	76	263121	18.542 ug/l	100
17) Allyl chloride	2.70	41	179472	17.637 ug/l	95
18) Methylene Chloride	2.83	84	114093	18.166 ug/l	96
19) trans-1,2-Dichloroethene	3.14	96	106284	18.582 ug/l	98
20) Diisopropyl ether	3.82	45	404311	19.842 ug/l	94
21) 1,1-Dichloroethane	3.67	63	208939	19.158 ug/l	98
22) cis-1,2-Dichloroethene	4.57	96	131282	19.426 ug/l	98
23) tert-Butyl Alcohol	3.01	59	155180	97.273 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	403915	18.962 ug/l	97
25) Chloroform	5.17	83	224310	18.517 ug/l	92
26) Cyclohexane	5.54	56	195822	20.188 ug/l	# 97
29) 1,1-Dichloropropene	5.76	75	154379	18.425 ug/l	99
30) 2-Butanone	4.63	43	483195	101.868 ug/l	100
31) 2,2-Dichloropropane	4.54	77	189976	17.585 ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	204292	18.036 ug/l	97
33) Carbon Tetrachloride	5.75	117	186682	17.831 ug/l	95
34) Benzene	6.11	78	444960	18.783 ug/l	99
35) Methacrylonitrile	5.01	41	101323	19.197 ug/l	95
36) 1,2-Dichloroethane	6.16	62	189455	18.819 ug/l	99
37) Trichloroethene	7.18	130	140957	19.384 ug/l	98
38) Methylcyclohexane	7.44	83	192940	18.196 ug/l	97
39) 1,2-Dichloropropane	7.49	63	125577	18.985 ug/l	99
40) Dibromomethane	7.63	93	89312	19.020 ug/l	99

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Quant Time: Jul 27 16:22:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	192056	18.469	ug/l	94
42) Vinyl Acetate	3.78	43	1514944	96.700	ug/l	100
43) Ethyl Acetate	4.79	43	171192	19.591	ug/l	99
44) Isopropyl Acetate	6.41	43	291232	19.192	ug/l	98
45) 1,4-Dioxane	7.71	88	63854	405.582	ug/l	96
46) Methyl methacrylate	7.74	41	149831	19.438	ug/l	95
47) n-amyl Acetate	10.88	43	263580	19.942	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	210959	18.623	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	221082	18.242	ug/l	93
50) 1,1,2-Trichloroethane	9.20	97	136507	20.291	ug/l	98
51) Ethyl methacrylate	9.16	69	199706	19.687	ug/l	95
52) 1,3-Dichloropropane	9.35	76	217605	19.841	ug/l	99
53) Dibromochloromethane	9.56	129	164285	19.228	ug/l	98
54) 1,2-Dibromoethane	9.65	107	139233	19.029	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	507429	93.630	ug/l	99
56) Bromoform	10.84	173	124404	19.076	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	970985	96.820	ug/l	99
59) 2-Hexanone	9.47	43	738188	104.589	ug/l	98
61) Tetrachloroethene	9.32	164	143034	18.682	ug/l	97
62) Toluene	8.76	91	514311	18.418	ug/l	99
64) Chlorobenzene	10.12	112	351741	19.273	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.20	131	146984	19.256	ug/l	98
66) Ethyl Benzene	10.23	91	584815	18.971	ug/l	99
67) m/p-Xylenes	10.34	106	458717	39.718	ug/l	96
68) o-Xylene	10.68	106	220674	19.234	ug/l	96
69) Styrene	10.70	104	390096	19.502	ug/l	99
70) Isopropylbenzene	11.00	105	610720	18.224	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	190578	20.404	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	193350m	20.647	ug/l	
73) Bromobenzene	11.24	156	167335	18.905	ug/l	98
74) n-propylbenzene	11.34	91	715528	18.944	ug/l	100
75) 2-Chlorotoluene	11.40	91	426654	18.773	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	536919	19.353	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	72014	18.899	ug/l	98
78) 4-Chlorotoluene	11.49	91	511034	19.290	ug/l	100
79) tert-butylbenzene	11.76	119	513518	18.888	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	542218	18.936	ug/l	99
81) sec-Butylbenzene	11.93	105	601289	18.537	ug/l	100
82) p-Isopropyltoluene	12.05	119	574707	19.089	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	300516	18.937	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	301529	19.096	ug/l	99
85) n-Butylbenzene	12.37	91	513641	17.871	ug/l	99
86) Hexachloroethane	12.58	117	106411	16.978	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	287947	18.098	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	49299	18.688	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	210499	18.031	ug/l	97
90) Hexachlorobutadiene	13.77	225	94651	17.897	ug/l	97
91) Naphthalene	13.82	128	627728	18.223	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	213568	19.172	ug/l	98

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MSVOA_X
ClientSampleId :
ICVVX072720

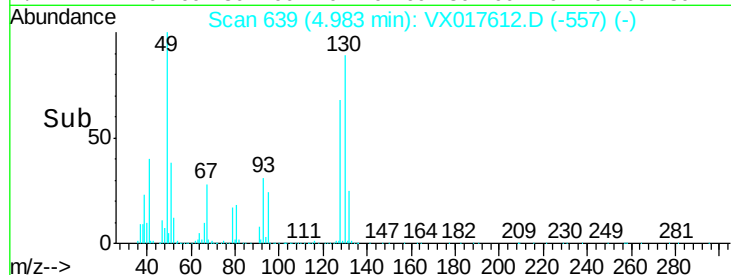
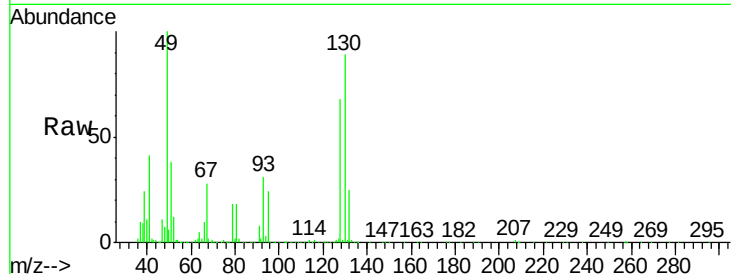
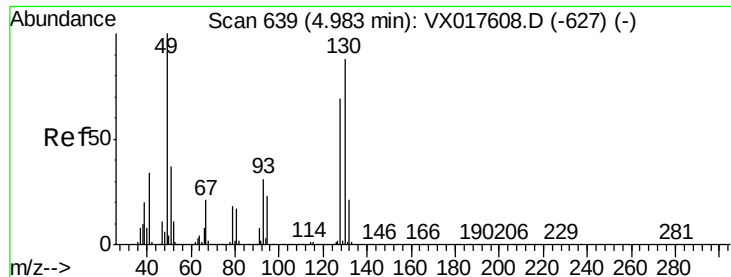
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



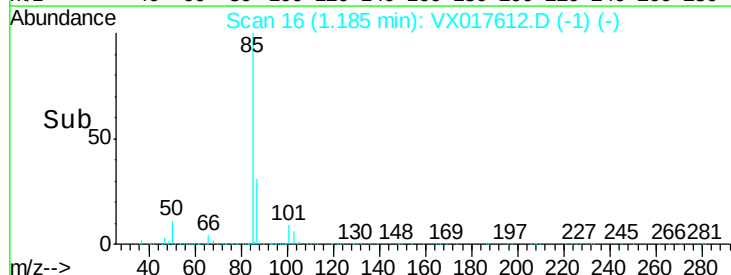
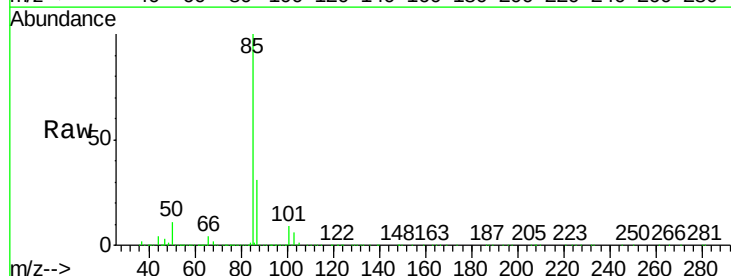
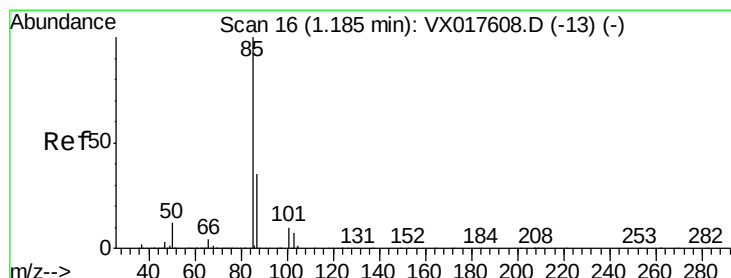
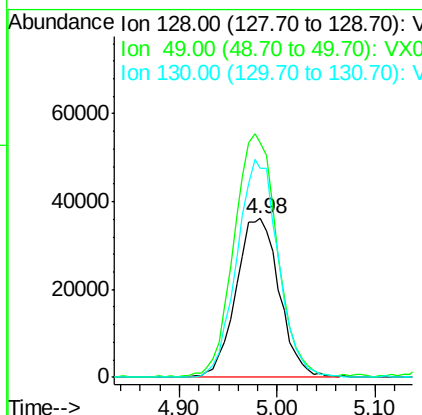
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tot Ion	Ratio	Lower	Upper
128	100		
49	150.8	0.0	376.0
130	131.9	0.0	323.0

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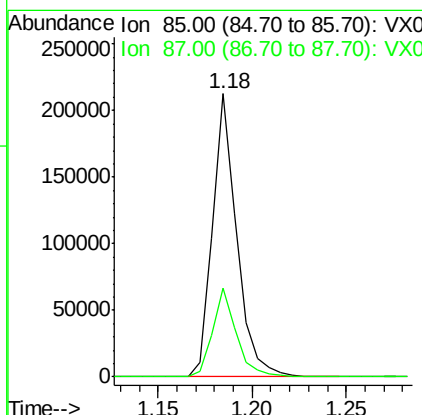
Manual Integrations
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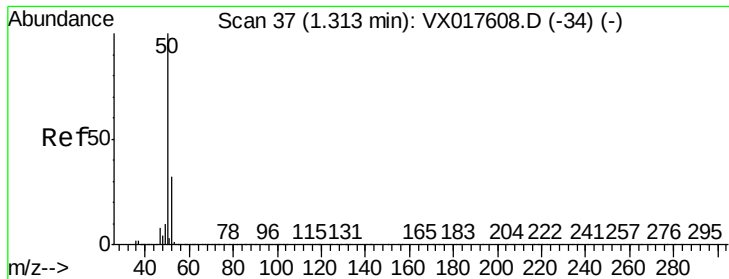
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#2
Dichlorodifluoromethane
Concen: 22.062 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	17.3	51.9





#3

Chloromethane

Concen: 20.177 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

Tot Ion: 50 Resp: 166811

Ion Ratio Lower Upper

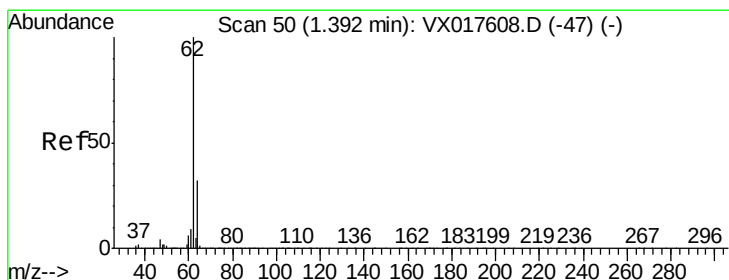
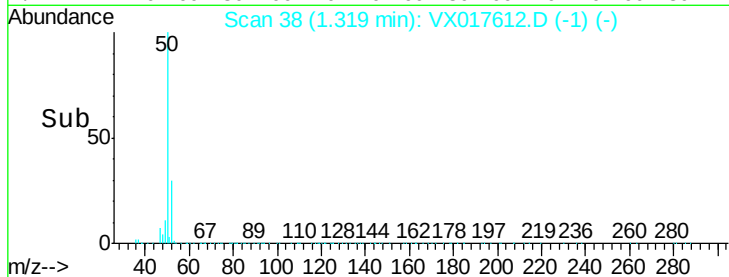
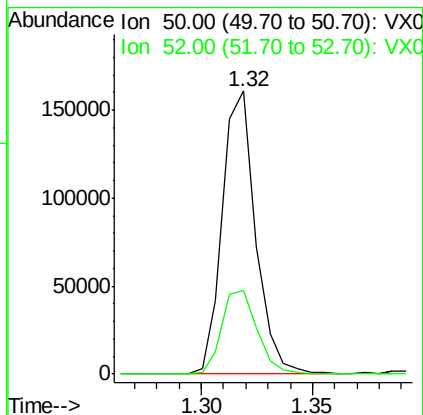
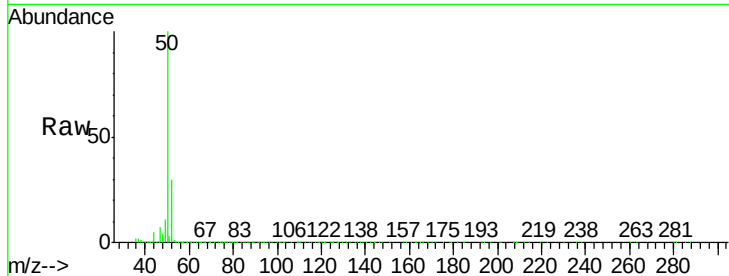
50 100

52 29.5 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.389 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017612.D

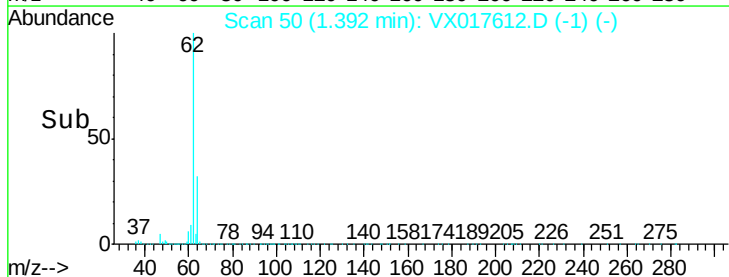
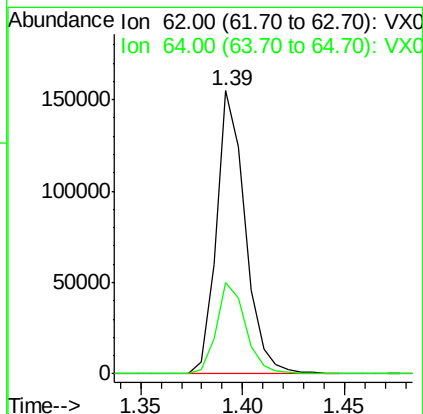
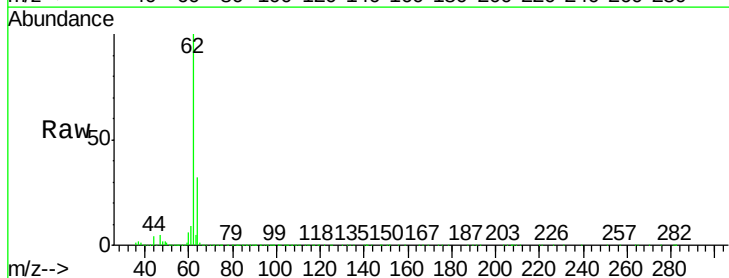
Acq: 27 Jul 2020 12:40

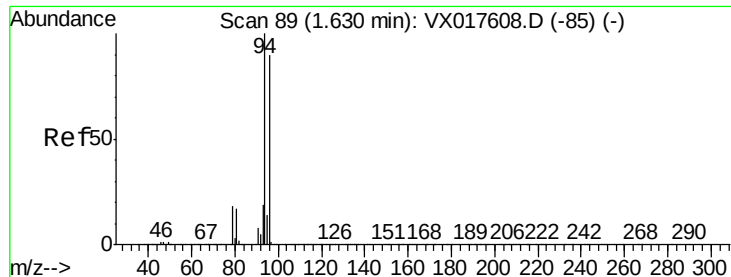
Tgt Ion: 62 Resp: 151310

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8





#5

Bromomethane

Concen: 20.198 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

Tot Ion: 94 Resp: 102635

Ion Ratio Lower Upper

94 100

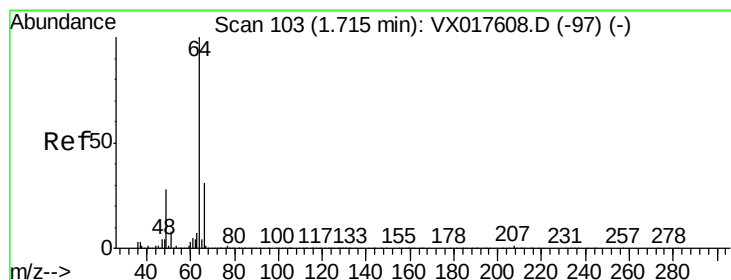
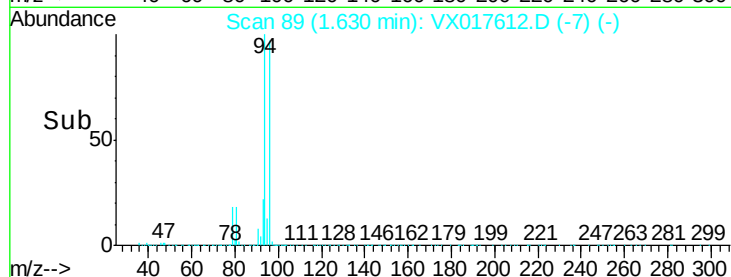
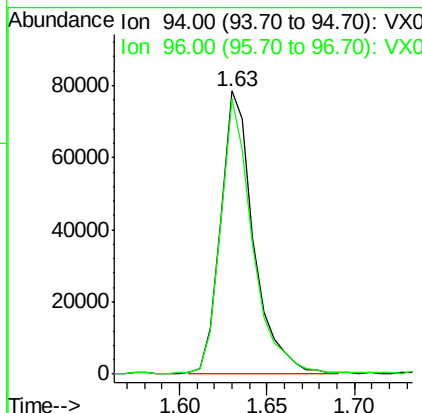
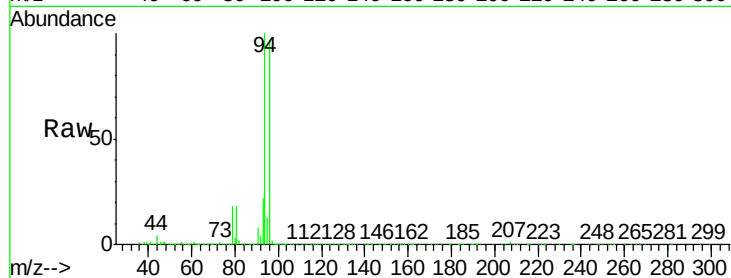
96 97.4 72.5 108.7

Manual Integrations

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#6

Chloroethane

Concen: 18.198 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017612.D

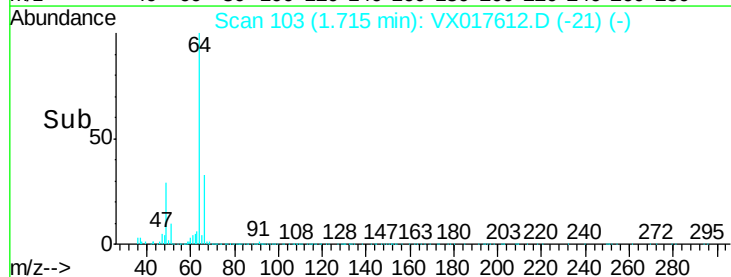
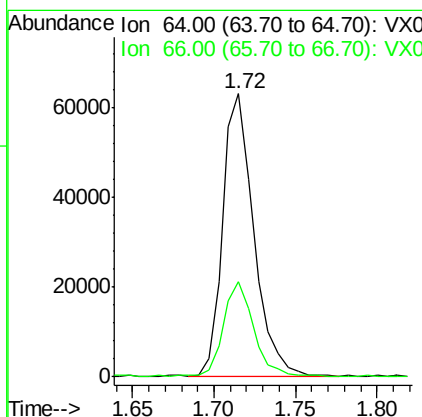
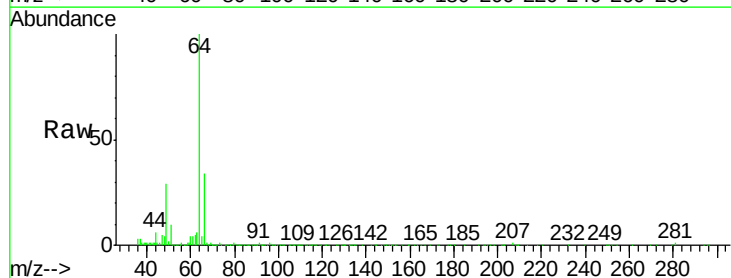
Acq: 27 Jul 2020 12:40

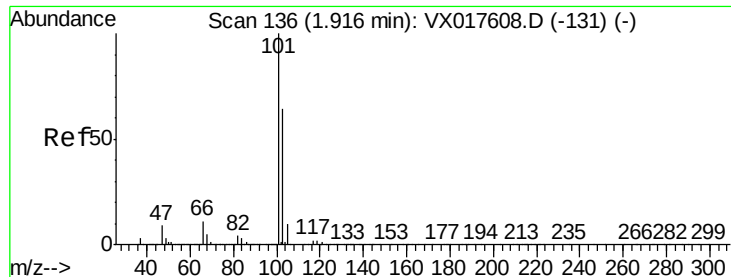
Tgt Ion: 64 Resp: 84378

Ion Ratio Lower Upper

64 100

66 33.4 25.1 37.7





#7

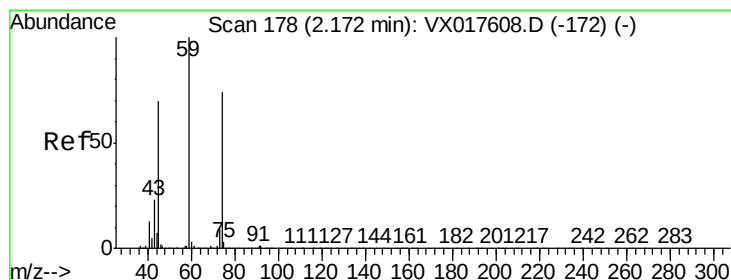
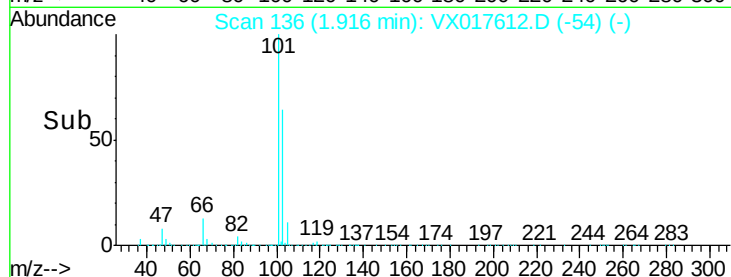
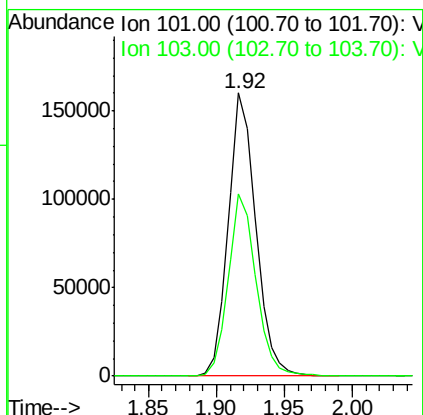
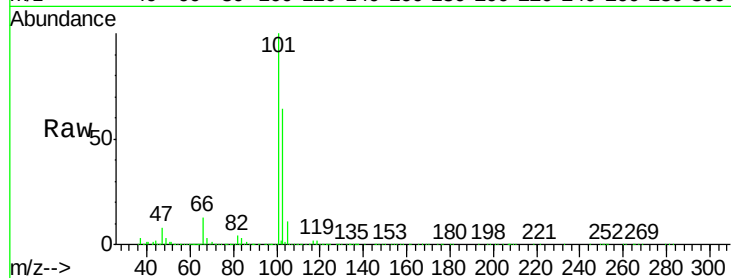
Trichlorofluoromethane
Concen: 17.766 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.3	76.9

Manual Integrations
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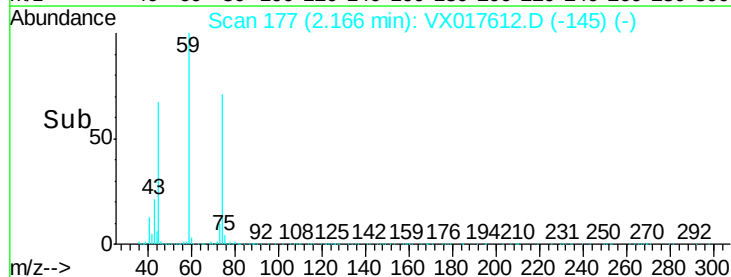
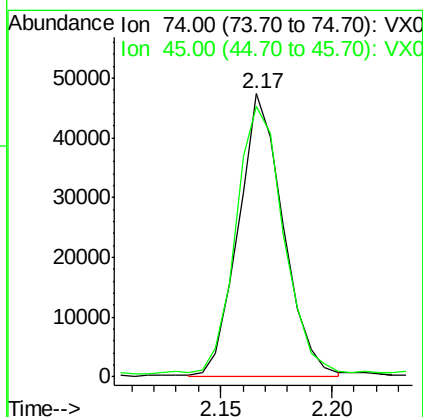
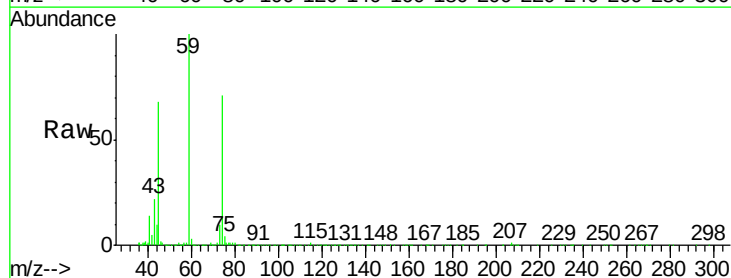
MMDadoda
7/28/2020 10:31:21 AM

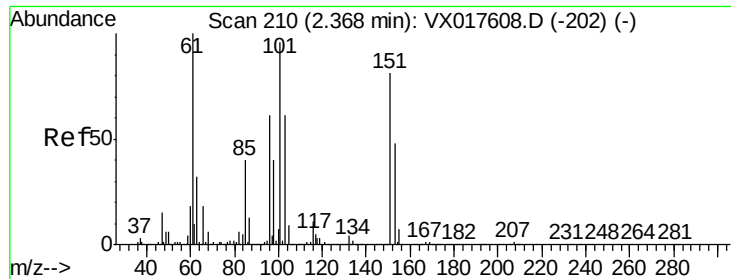


#8

Diethyl Ether
Concen: 18.015 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	21.1	190.3





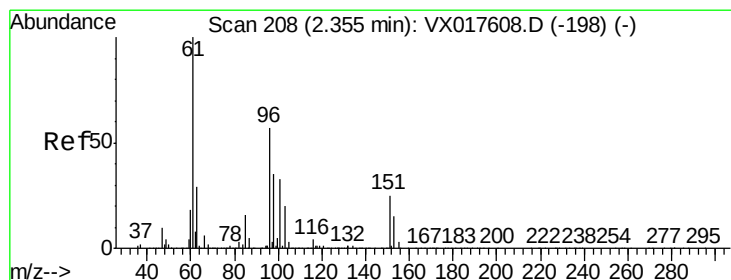
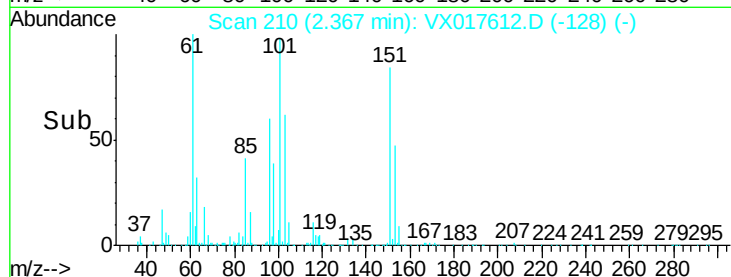
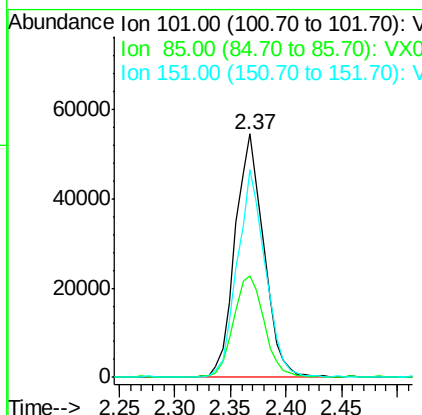
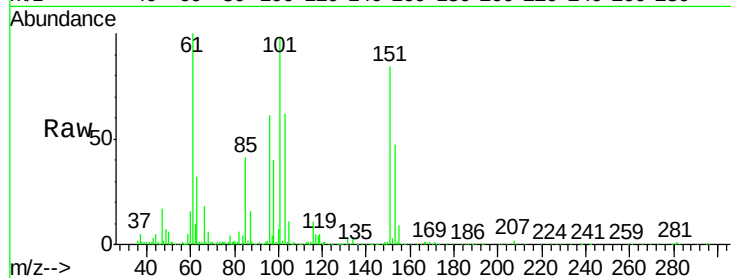
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1,1,2-Trichlorotrifluoroethane
Concen: 16.927 ug/l
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX017612.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	44.5	0.0	90.6
151	83.6	0.0	163.2

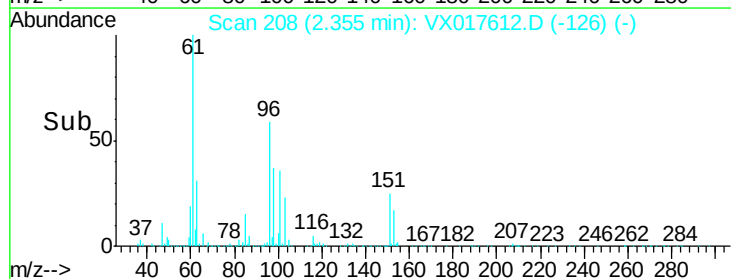
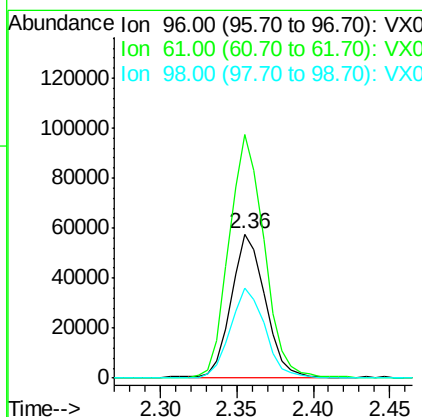
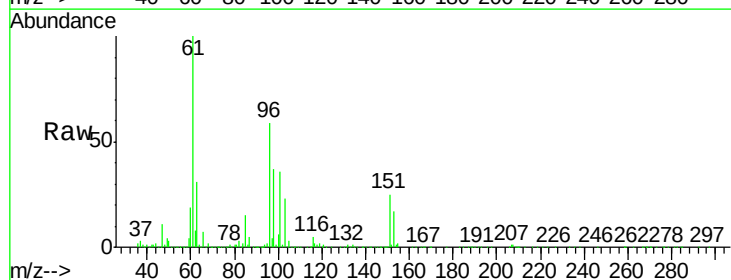
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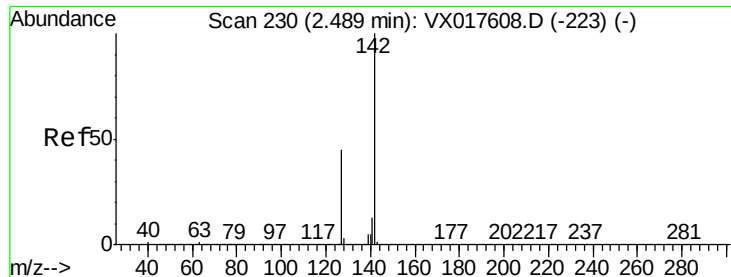
MMDadoda
7/28/2020 10:31:21 AM



#10
1,1-Dichloroethene
Concen: 16.399 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.8	141.2	211.8
98	62.9	49.4	74.2





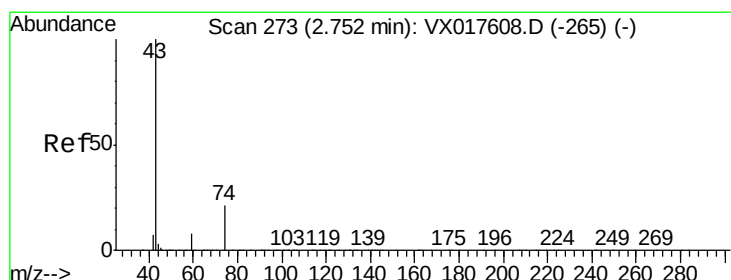
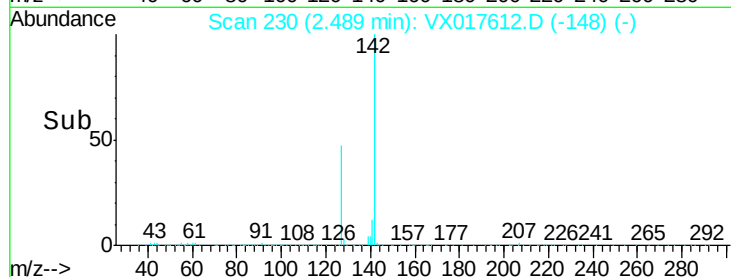
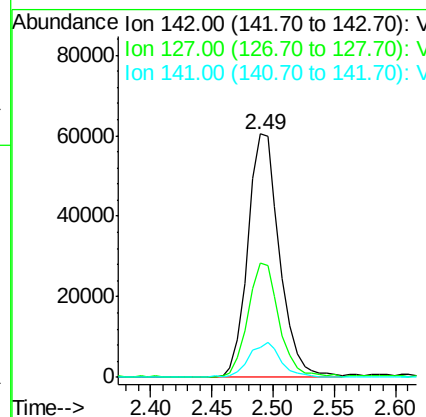
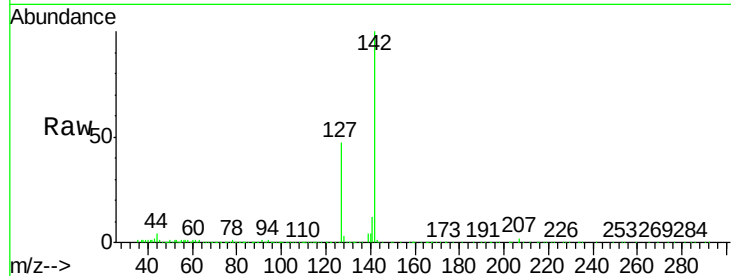
#11
Methvl Iodide
Concen: 16.212 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.9	22.4	67.0
141	12.4	6.6	19.7

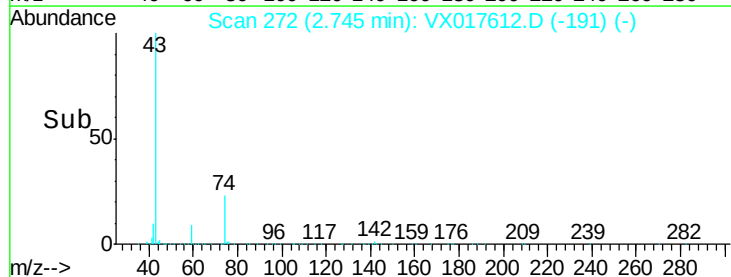
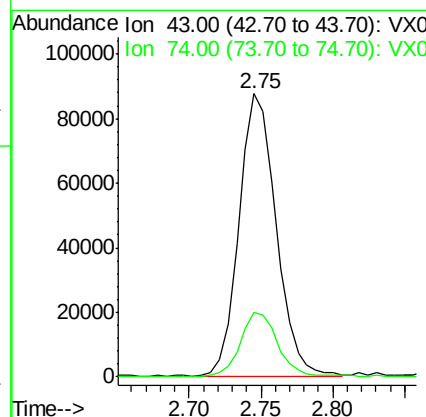
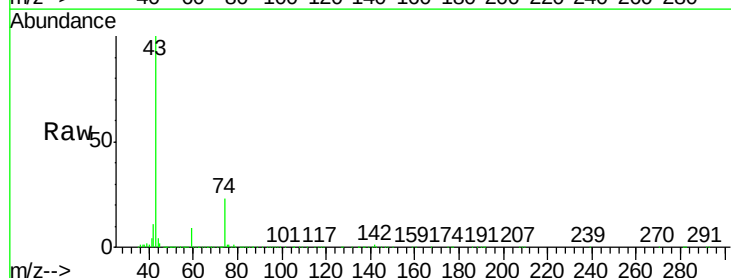
Manual Integrations
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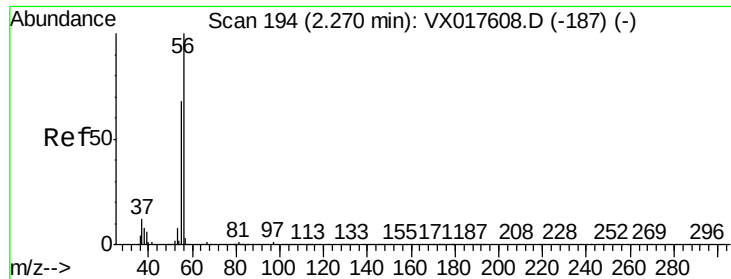
MMDadoda
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#12
Methyl Acetate
Concen: 19.200 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.1	25.7





#13

Acrolein

Concen: 92.320 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

Tot Ion: 56 Resp: 111355

Ion Ratio Lower Upper

56 100

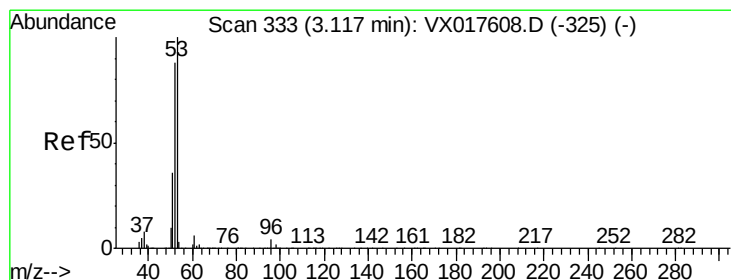
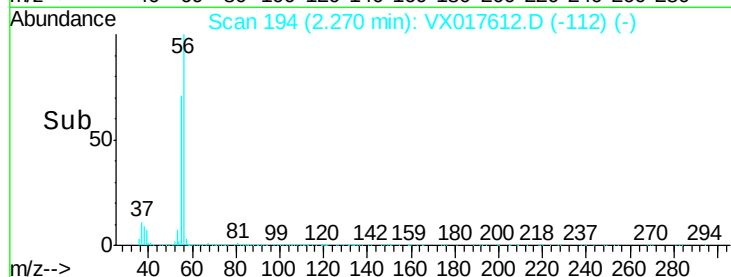
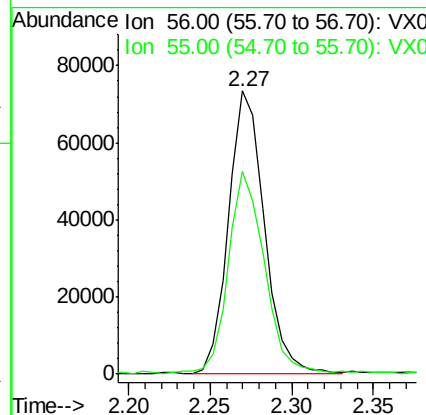
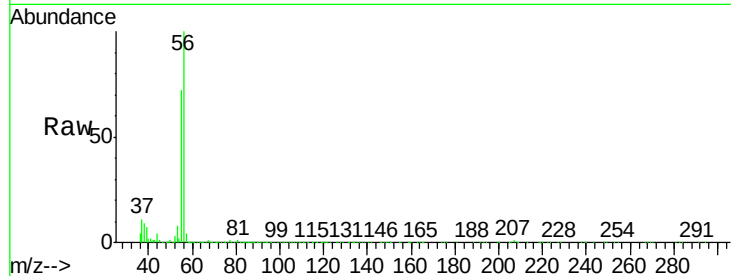
55 72.4 57.2 85.8

Manual Integrations

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#14

Acrylonitrile

Concen: 98.270 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

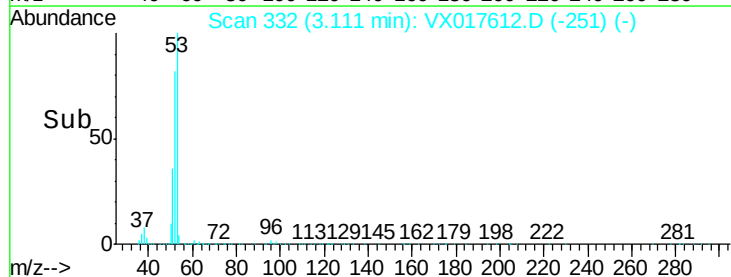
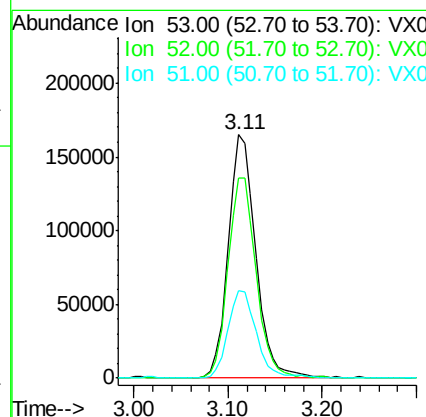
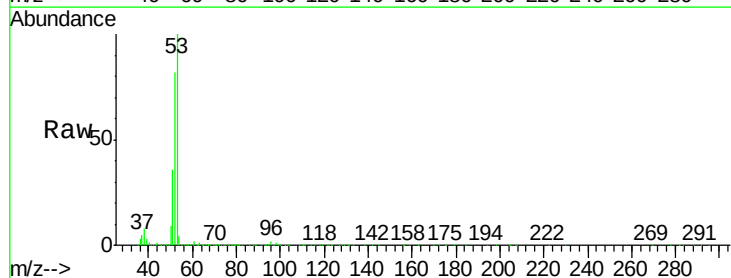
Tgt Ion: 53 Resp: 334449

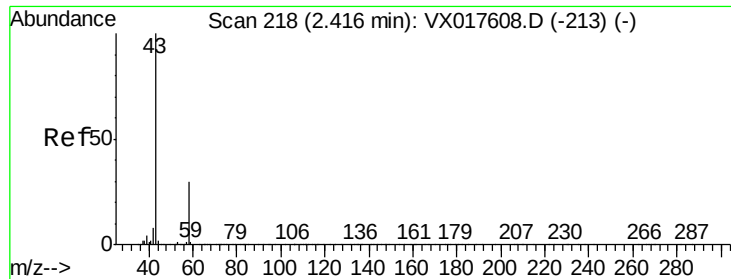
Ion Ratio Lower Upper

53 100

52 84.0 41.4 124.4

51 37.1 18.4 55.2





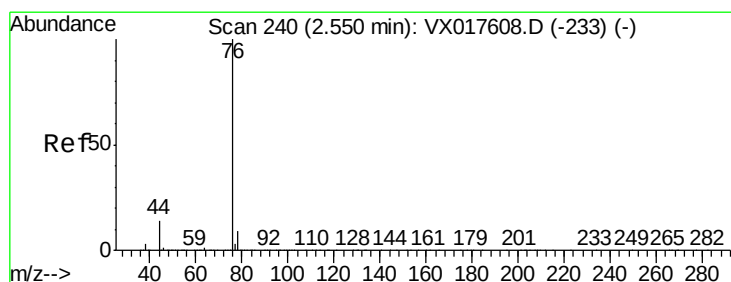
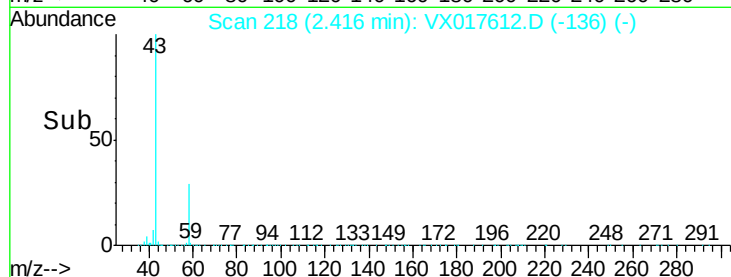
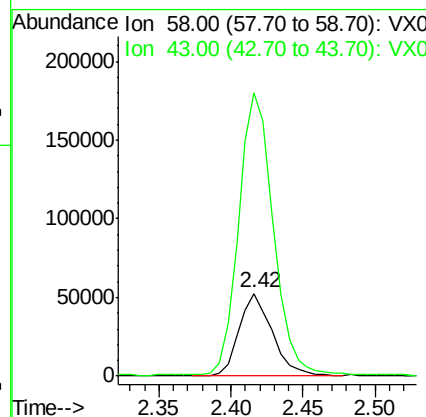
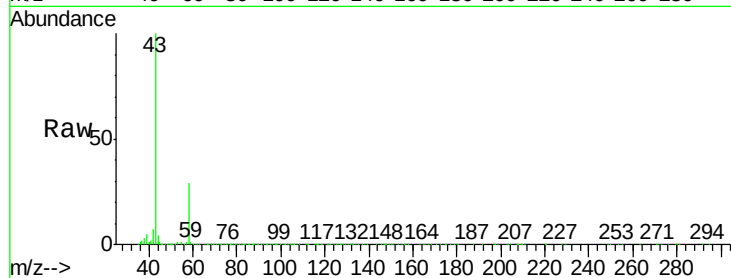
#15
Acetone
Concen: 91.504 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	58	Resp	85068
Ion Ratio	58 100	Lower	Upper
	43 339.5	268.6	402.8

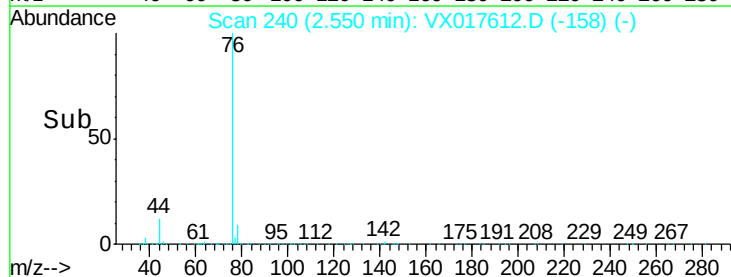
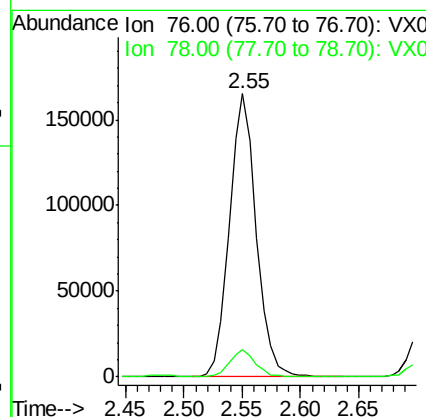
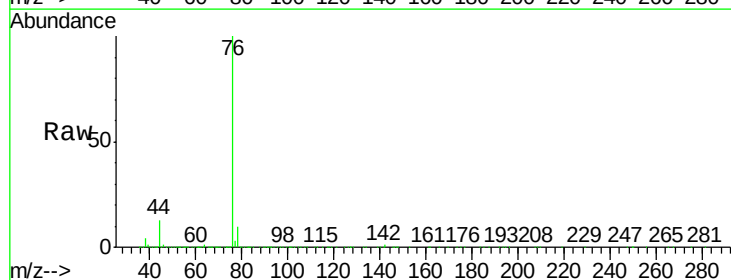
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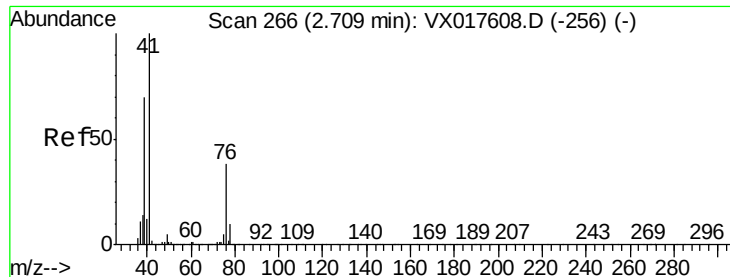
MMDadoda
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#16
Carbon Disulfide
Concen: 18.542 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	76	Resp	263121
Ion Ratio	76 100	Lower	Upper
	78 9.4	7.5	11.3





#17

Allvl chloride

Concen: 17.637 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

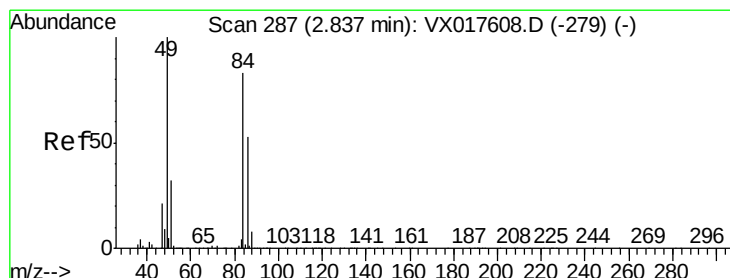
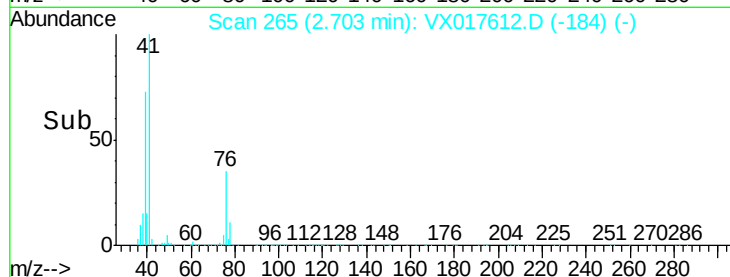
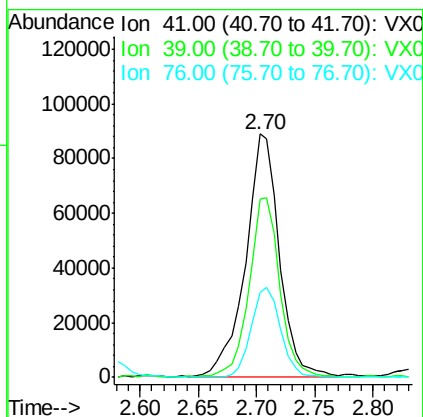
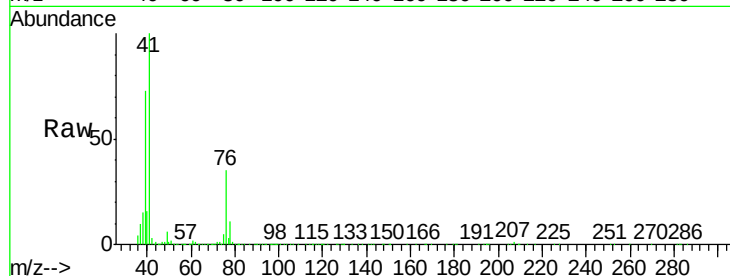
ClientSampleId :

ICVVX072720

Tot Ion:	41	Resp:	179472
Ion	Ratio	Lower	Upper
41	100		
39	72.8	34.8	104.5
76	34.6	19.1	57.3

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#18

Methylene Chloride

Concen: 18.166 ug/l

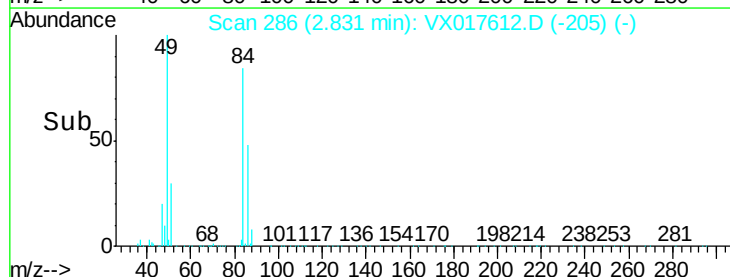
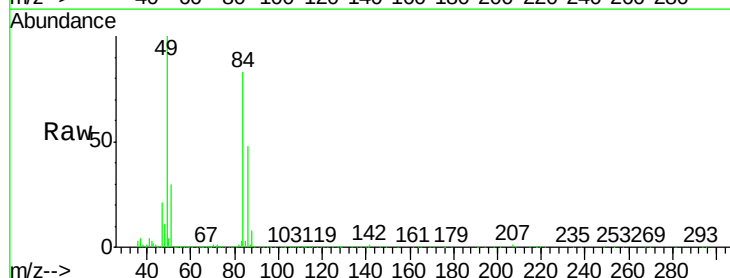
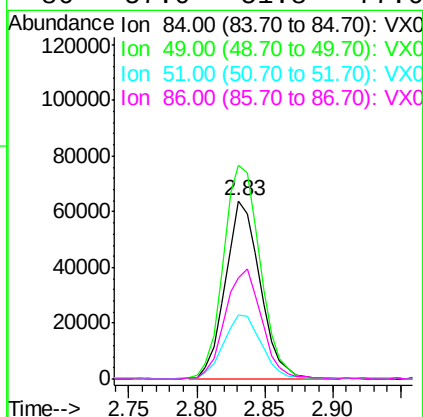
RT: 2.83 min Scan# 286

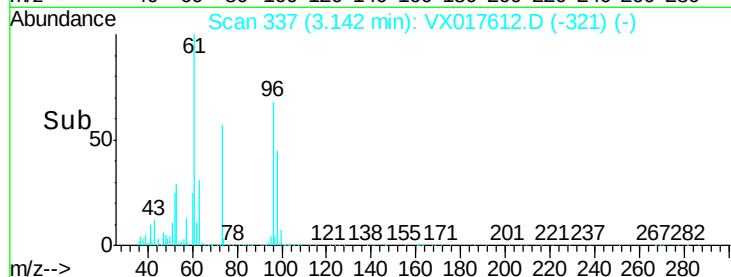
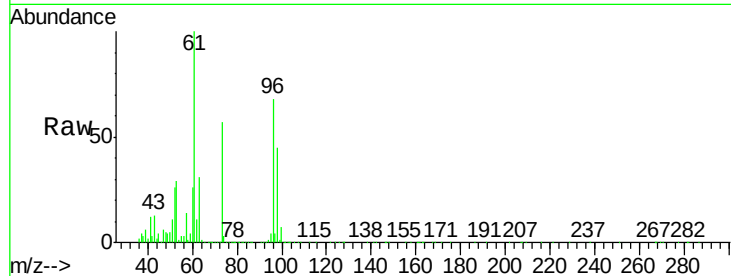
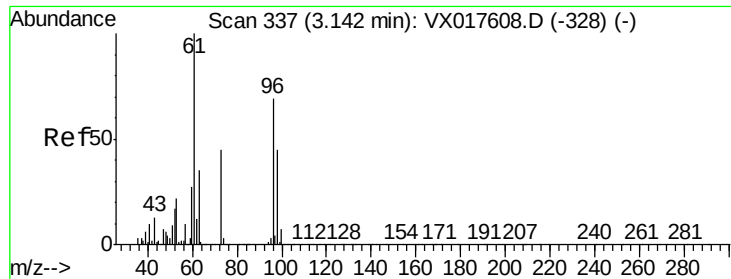
Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion:	84	Resp:	114093
Ion	Ratio	Lower	Upper
84	100		
49	119.9	96.7	145.1
51	35.8	31.0	46.4
86	57.0	51.8	77.6





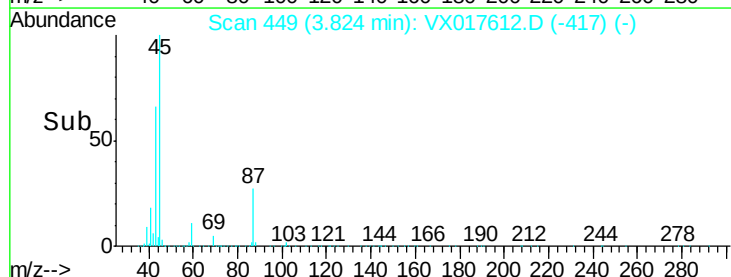
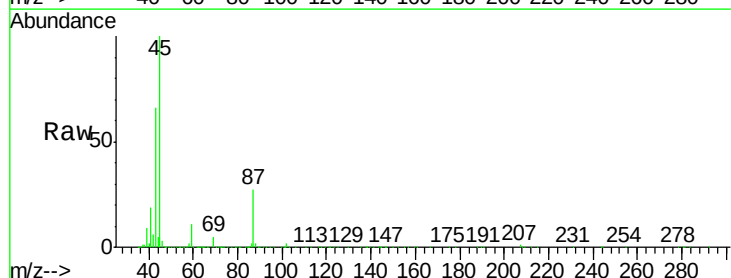
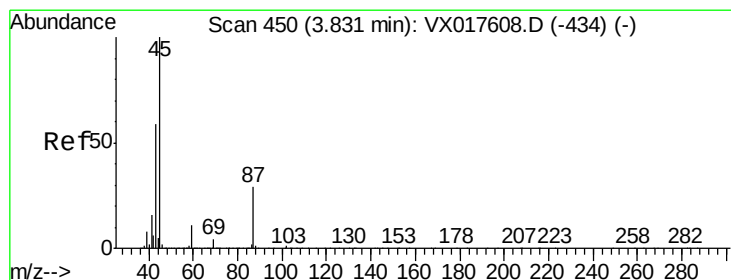
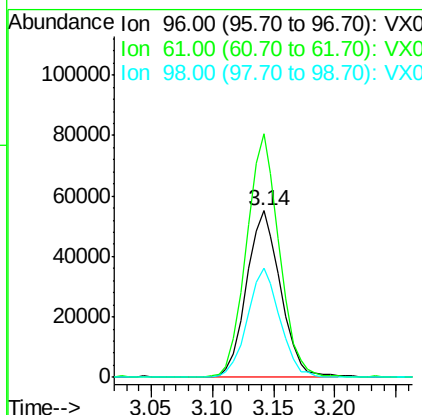
#19
trans-1,2-Dichloroethene
Concen: 18.582 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	146.2	115.0	172.6	
98	65.3	51.6	77.4	

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

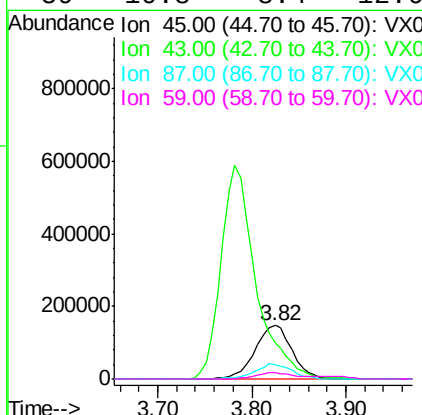
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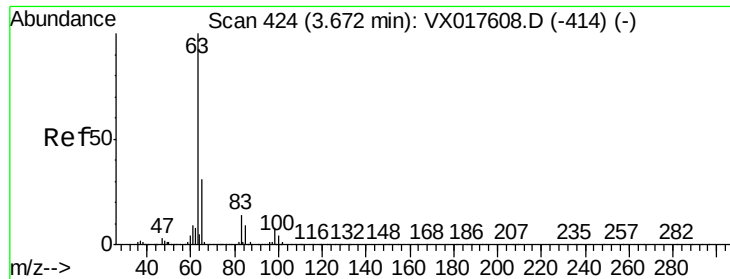
MMDadoda
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#20
Diisopropyl ether
Concen: 19.842 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	65.7	47.4	71.0	
87	27.0	23.3	34.9	
59	10.8	8.4	12.6	





#21

1,1-Dichloroethane

Concen: 19.158 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

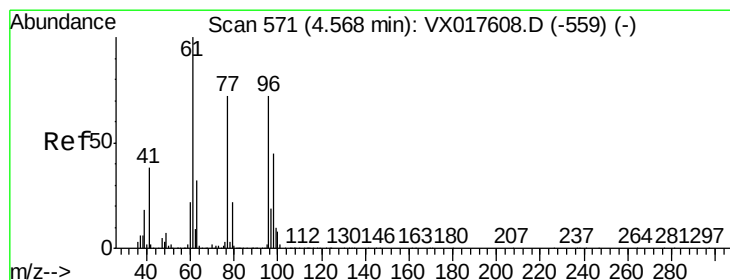
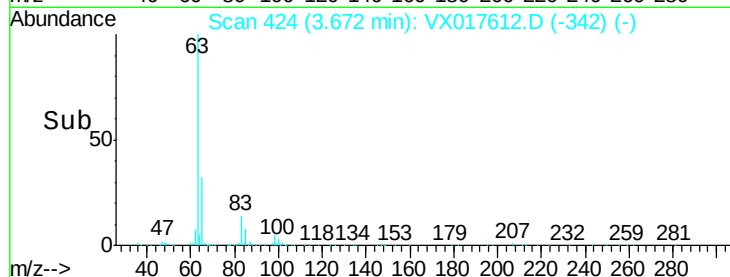
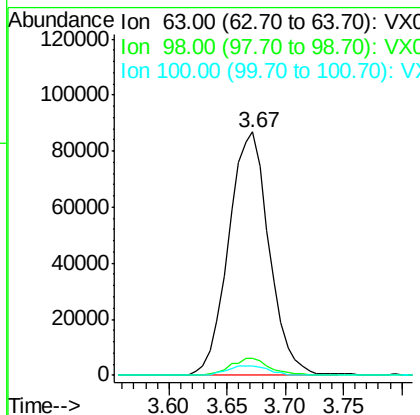
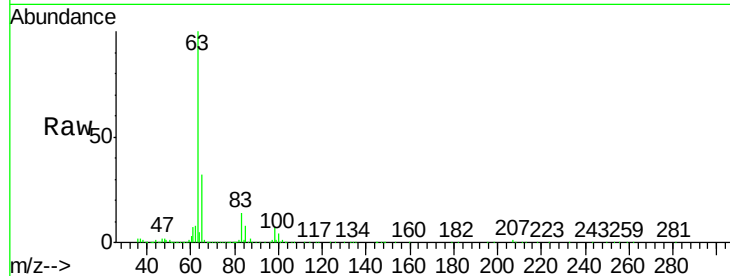
ClientSampleId :

ICVVX072720

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.9	3.9	11.7
100	3.8	1.9	5.7

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#22

cis-1,2-Dichloroethene

Concen: 19.426 ug/l

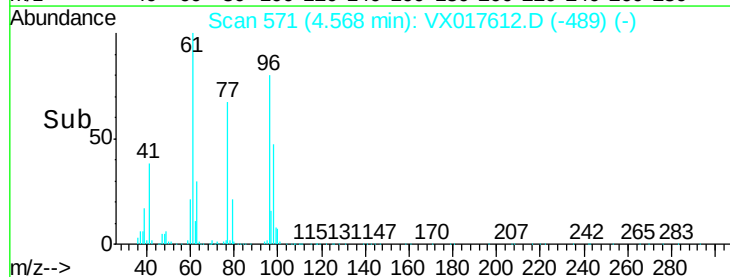
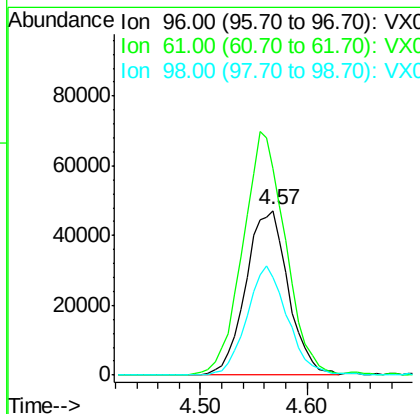
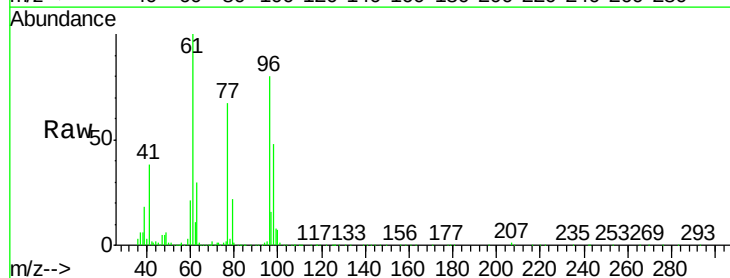
RT: 4.57 min Scan# 571

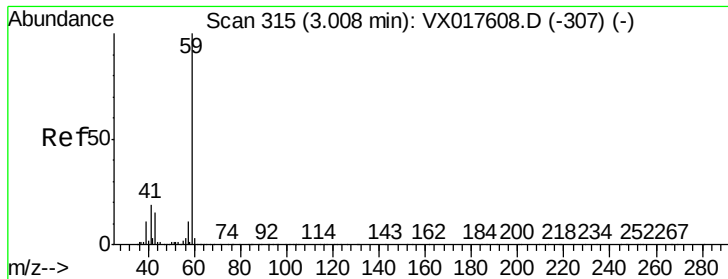
Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	148.0	121.1	181.7
98	63.5	51.4	77.2





#23

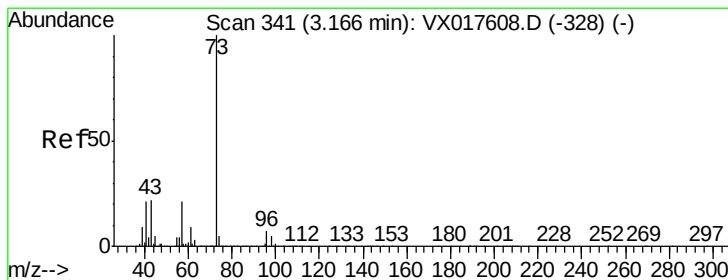
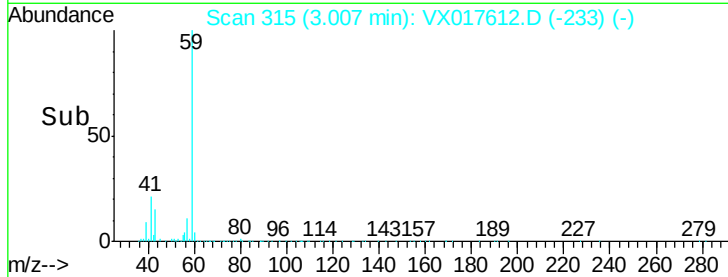
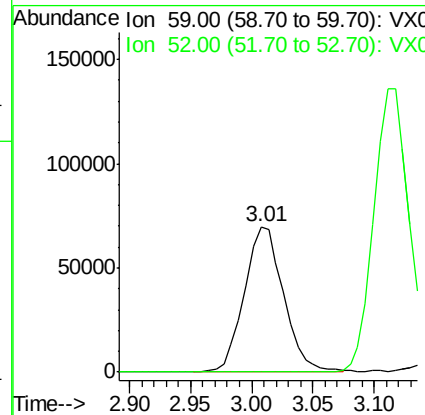
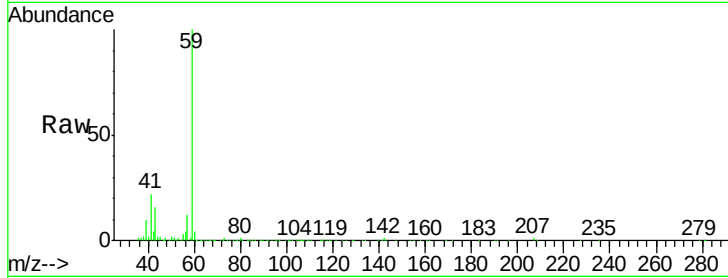
tert-Butyl Alcohol
 Concen: 97.273 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.4#

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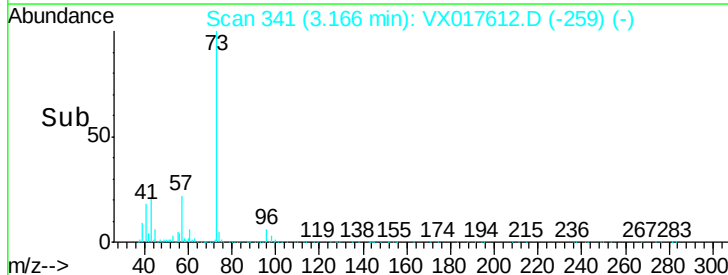
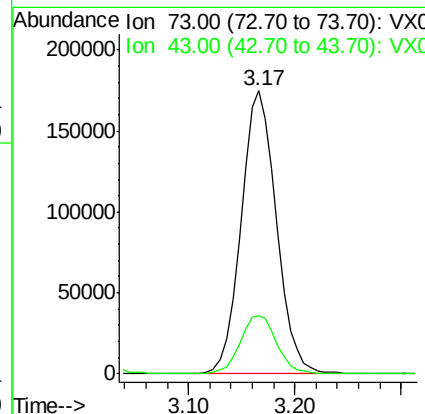
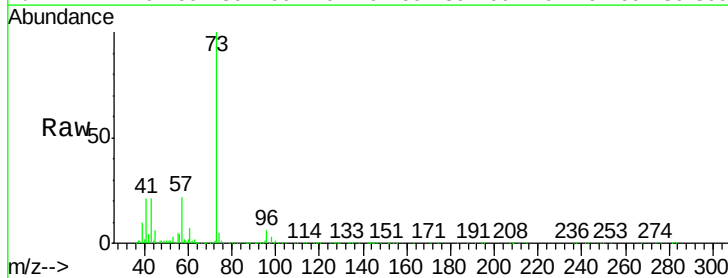
MMDadoda
 7/28/2020 10:31:21 AM

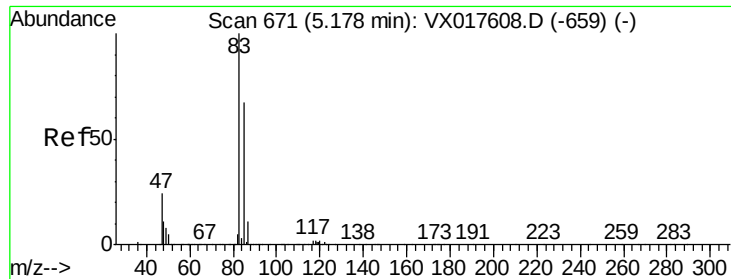


#24

Methyl tert-Butyl Ether
 Concen: 18.962 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.4	18.1	27.1





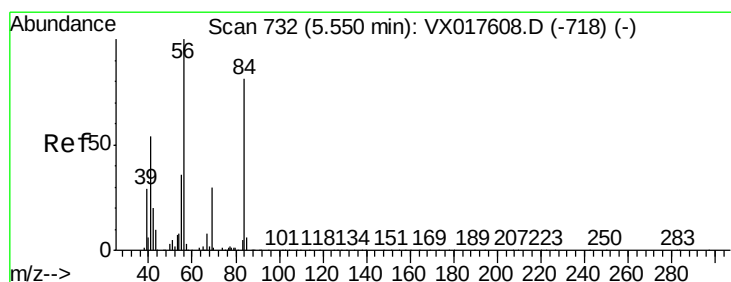
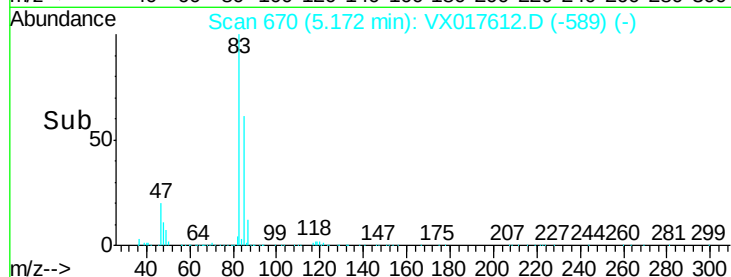
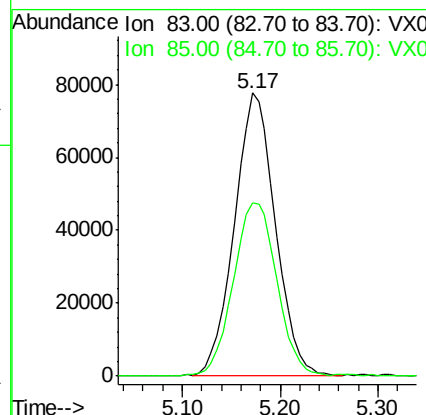
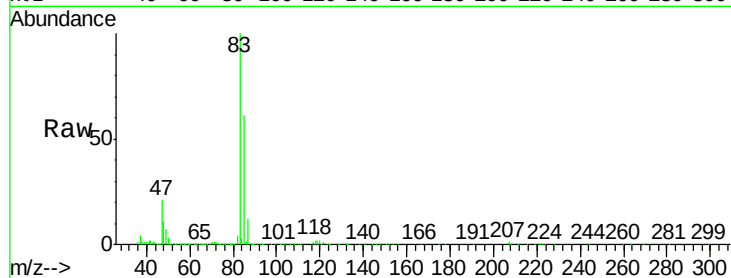
#25
Chloroform
Concen: 18.517 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	83	Resp	224310
Ion Ratio	100	Lower	Upper
83	100		
85	60.8	53.7	80.5

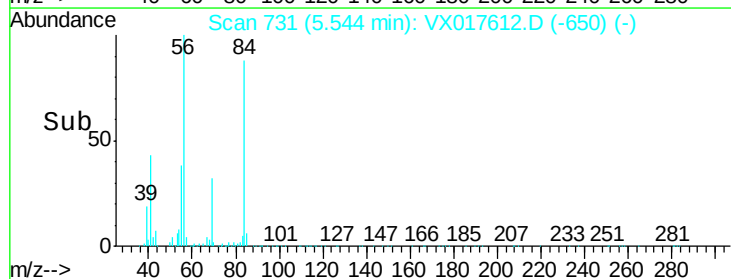
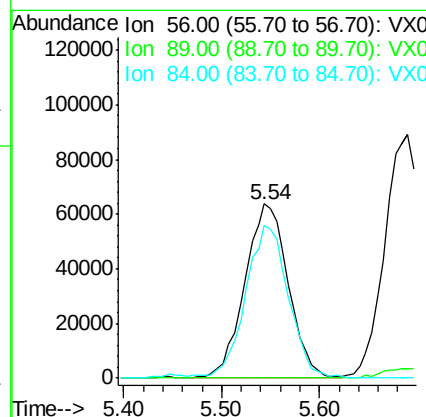
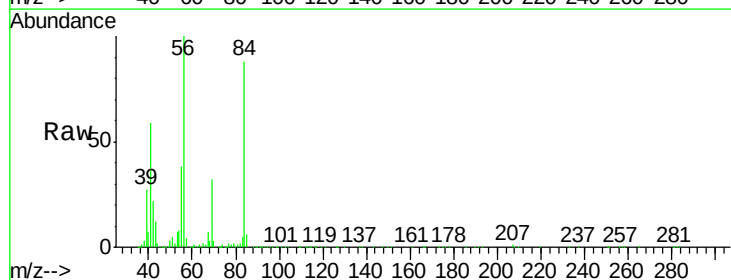
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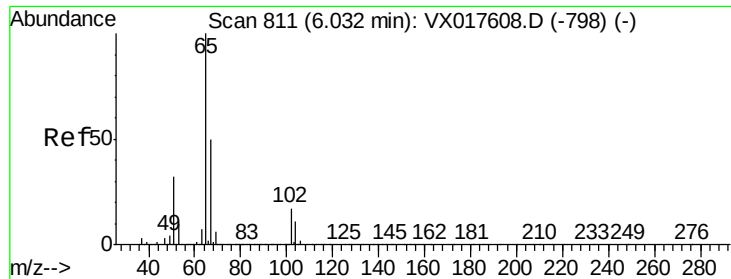
MMDadoda
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#26
Cyclohexane
Concen: 20.188 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	56	Resp	195822
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	0.0	0.0#
84	84.2	69.3	103.9





#27

1,2-Dichloroethane-d4

Concen: 29.951 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampled :

ICVVX072720

Tot Ion: 65 Resp: 256090

Ion Ratio Lower Upper

65 100

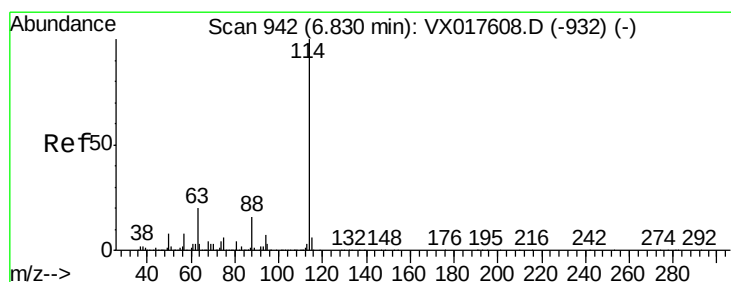
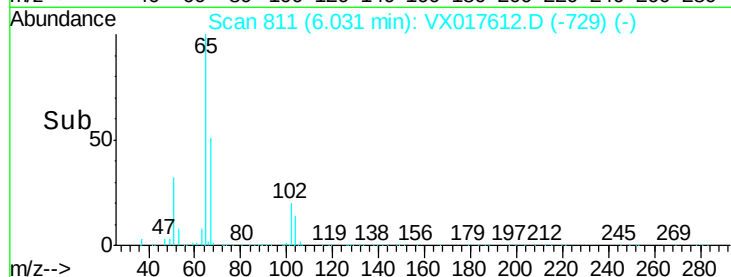
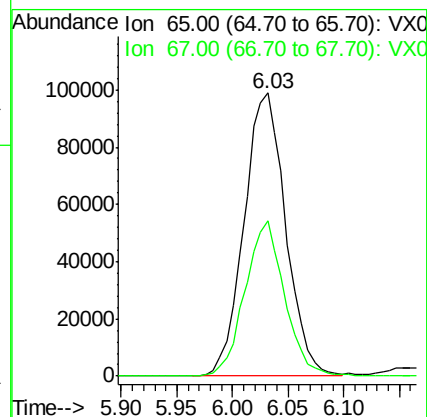
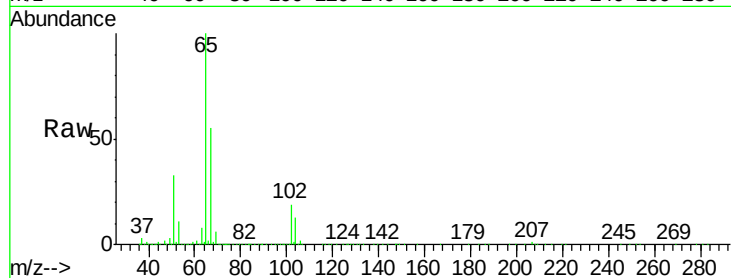
67 51.7 40.6 61.0

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

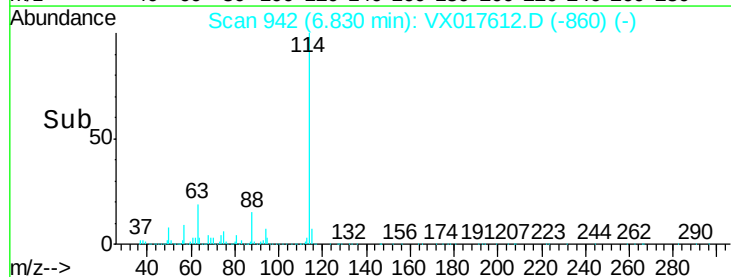
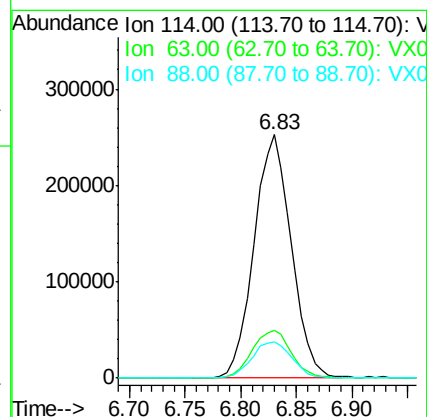
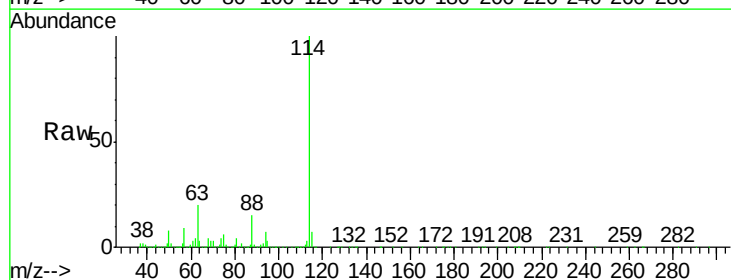
Tgt Ion: 114 Resp: 589328

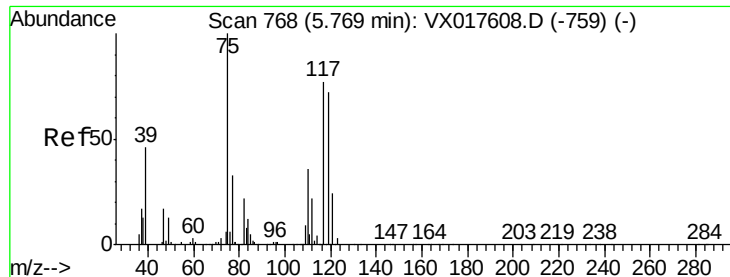
Ion Ratio Lower Upper

114 100

63 20.6 16.3 24.5

88 16.0 12.6 18.8





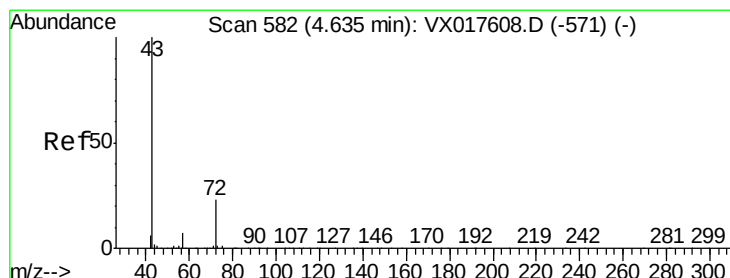
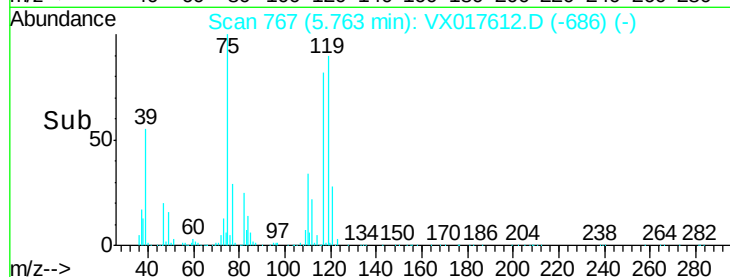
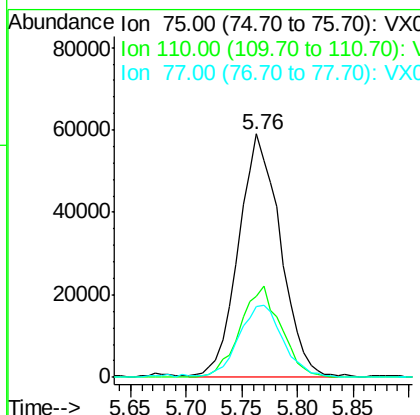
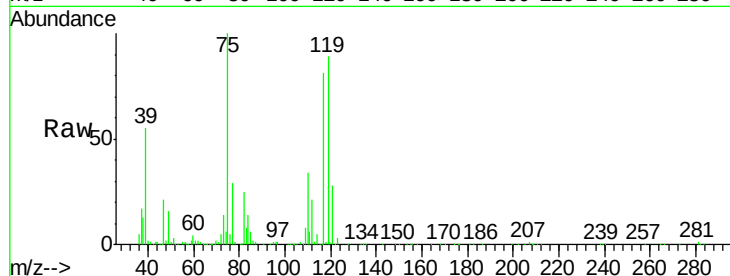
#29
 1,1-Dichloropropene
 Concen: 18.425 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Tot Ion	Ion	Ratio	Resp	Lower	Upper
75	100				
110	36.6	0.0	75.4		
77	31.2	0.0	63.2		

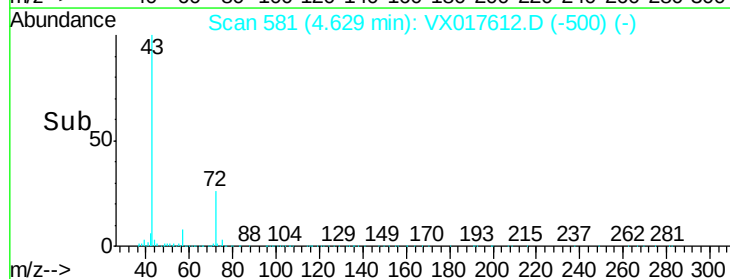
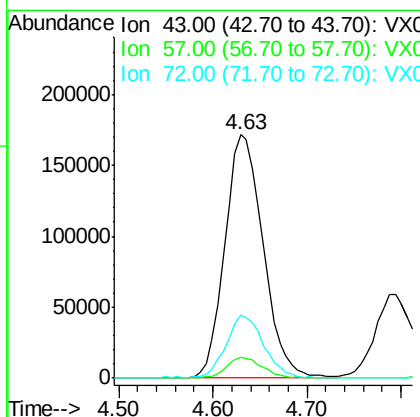
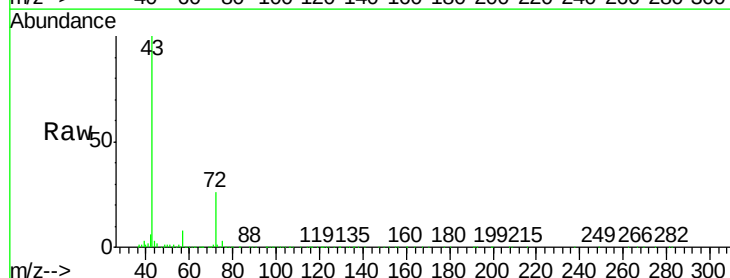
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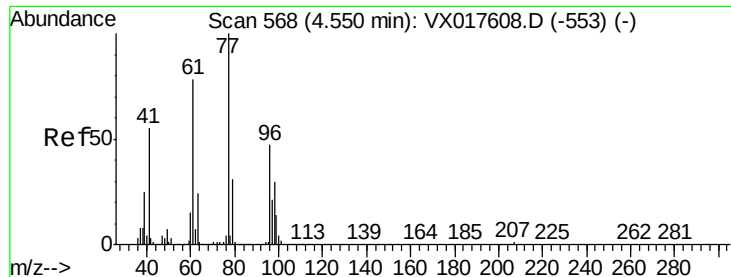
MMDadoda
 7/28/2020 10:31:21 AM



#30
 2-Butanone
 Concen: 101.868 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
57	8.0	6.5	9.7		
72	24.6	19.8	29.6		





#31

2,2-Dichloropropane

Concen: 17.585 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

Tot Ion: 77 Resp: 189976

Ion Ratio Lower Upper

77 100

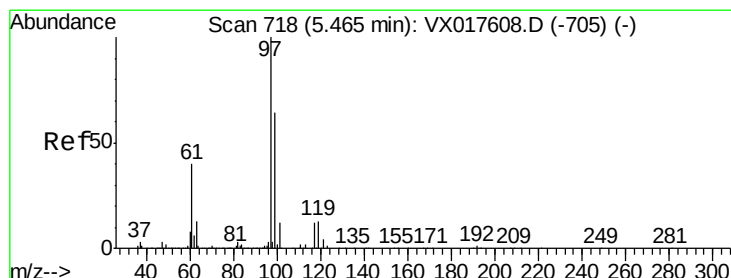
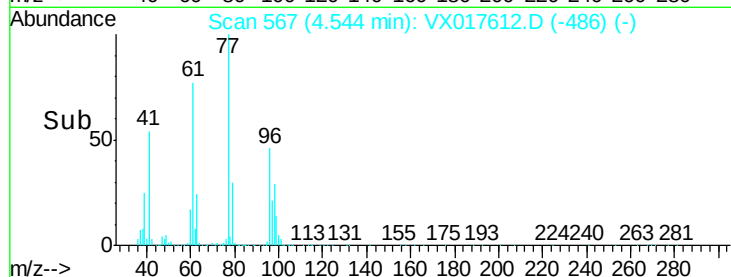
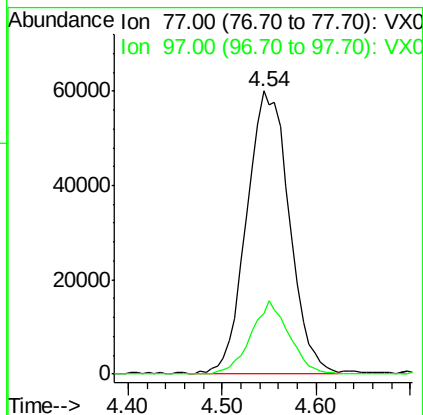
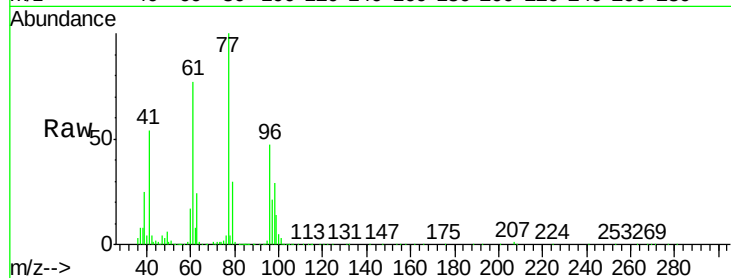
97 23.2 17.6 26.4

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.036 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

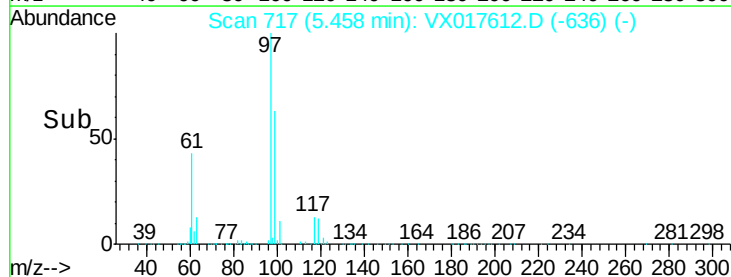
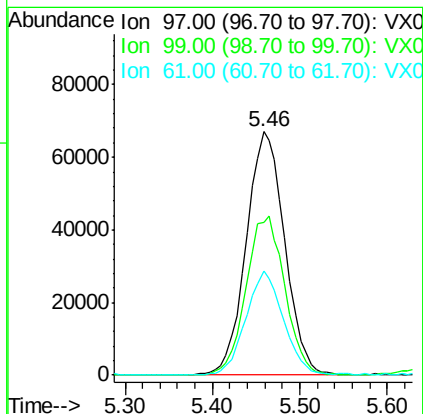
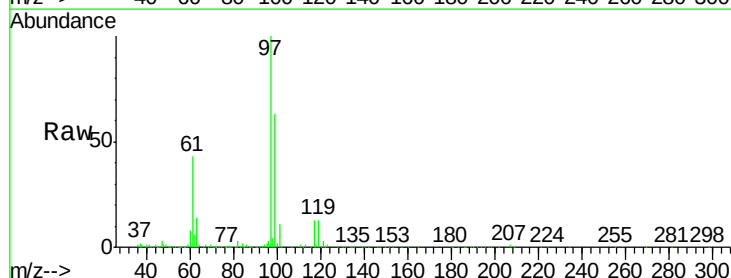
Tgt Ion: 97 Resp: 204292

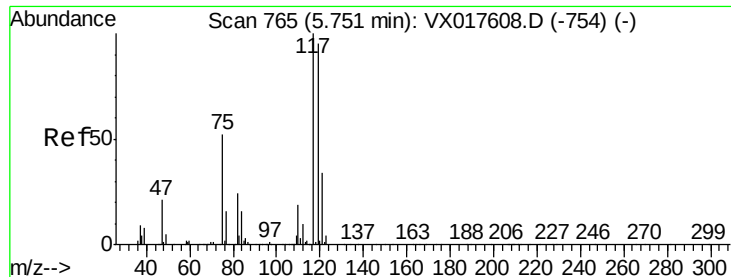
Ion Ratio Lower Upper

97 100

99 65.8 50.6 75.8

61 41.7 32.6 48.8





#33

Carbon Tetrachloride

Concen: 17.831 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

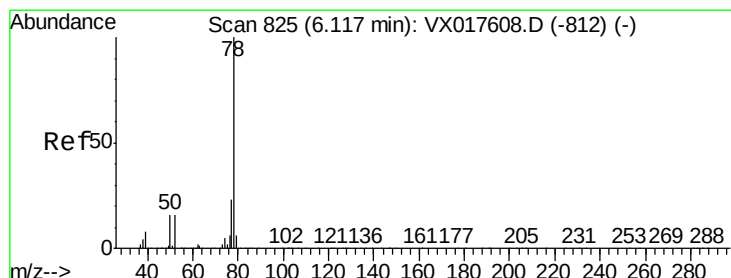
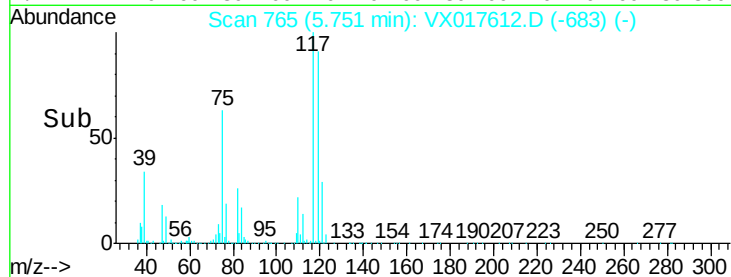
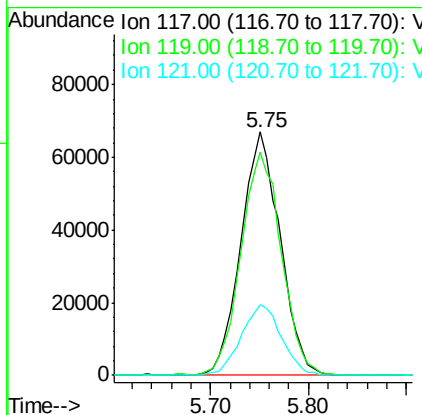
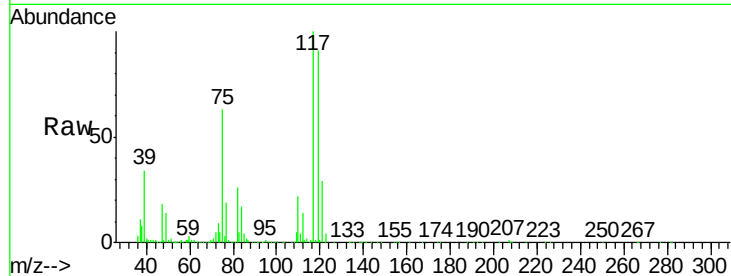
ClientSampleId :

ICVVX072720

Tot Ion:	117	Resp:	186682
Ion Ratio	Lower	Upper	
117	100		
119	91.3	76.2	114.2
121	28.8	26.8	40.2

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#34

Benzene

Concen: 18.783 ug/l

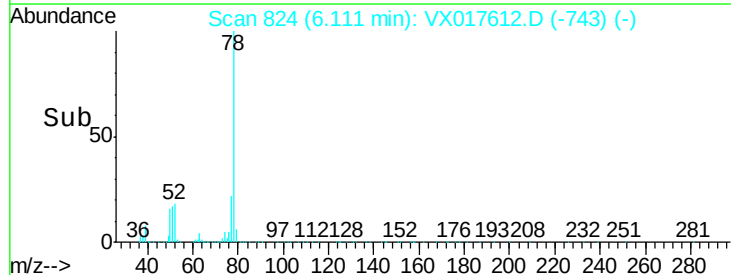
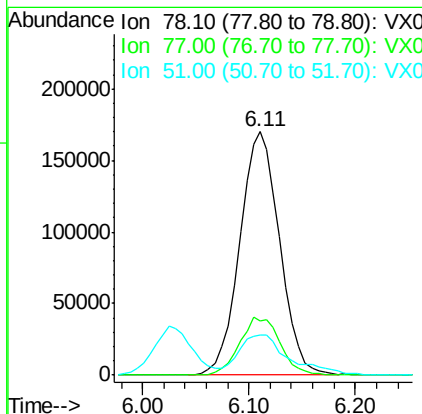
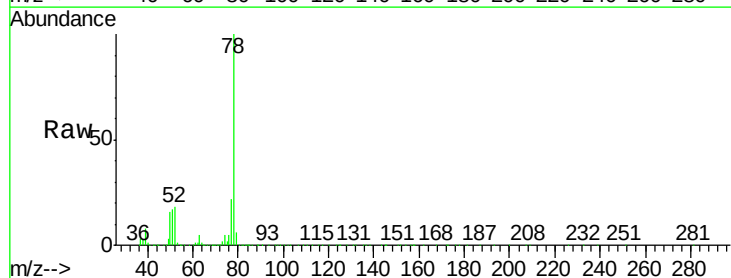
RT: 6.11 min Scan# 824

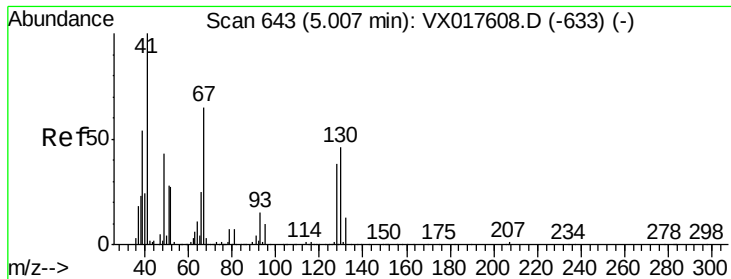
Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion:	78	Resp:	444960
Ion Ratio	Lower	Upper	
78	100		
77	22.3	18.3	27.5
51	15.1	12.3	18.5





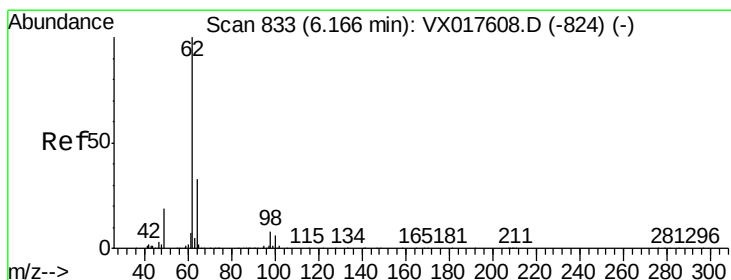
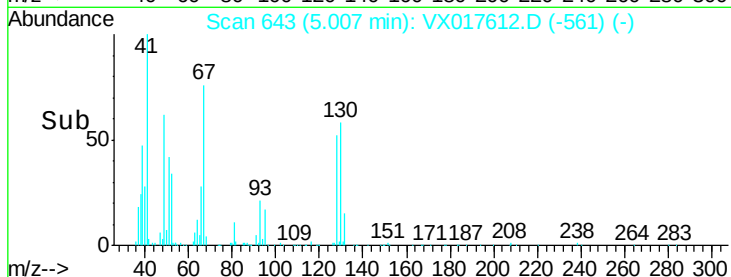
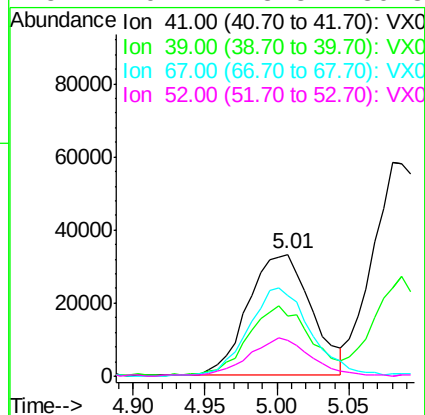
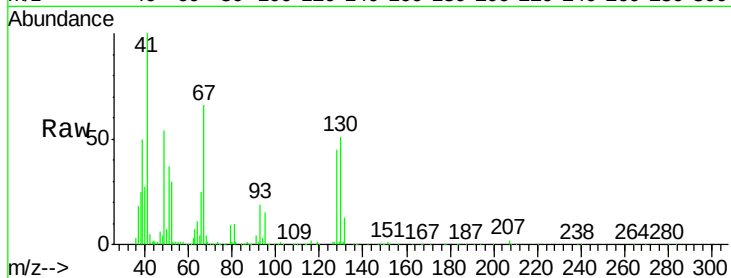
#35
Methacrylonitrile
Concen: 19.197 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	48.4	27.0	81.0		
67	66.0	32.4	97.0		
52	29.4	13.3	39.8		

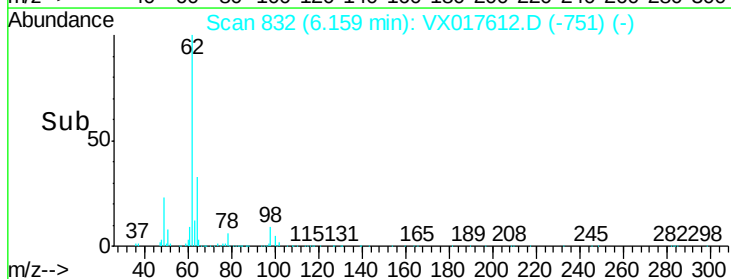
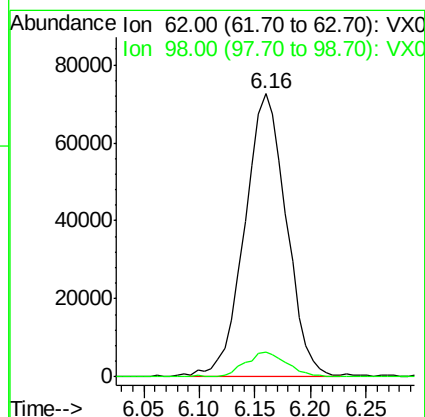
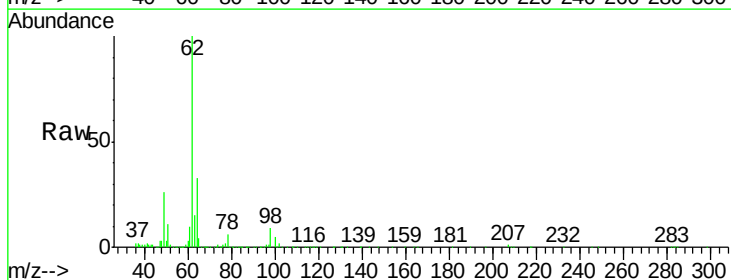
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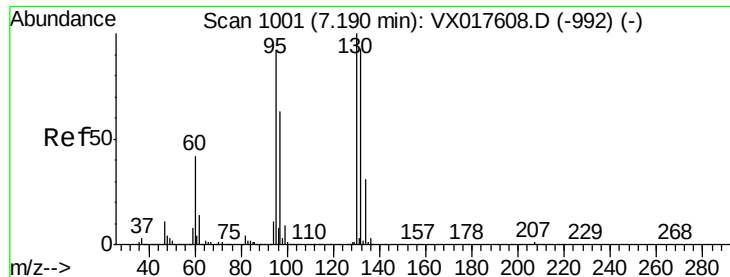
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#36
1,2-Dichloroethane
Concen: 18.819 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.8	6.6	10.0		





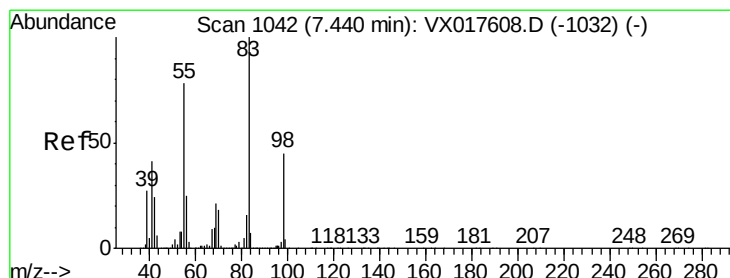
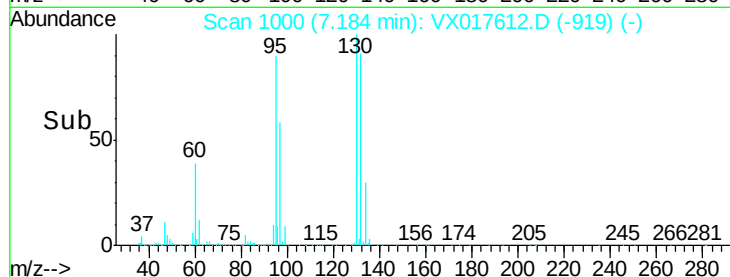
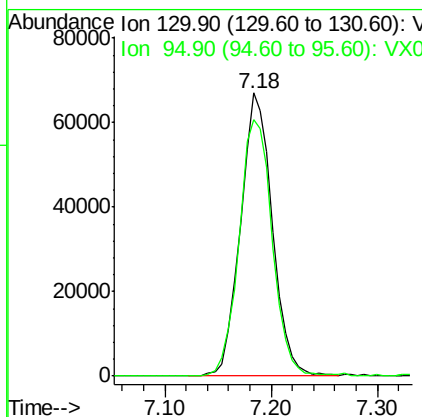
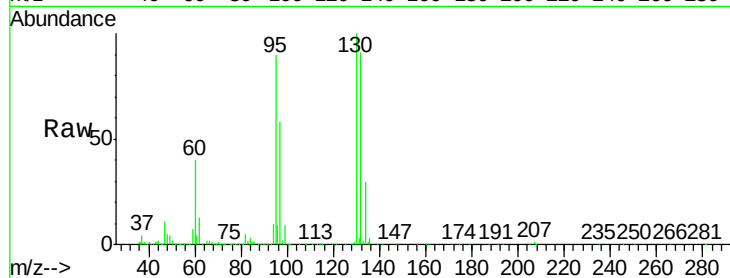
#37
 Trichloroethene
 Concen: 19.384 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Tot Ion	Ratio	Lower	Upper
130	100		
95	90.3	73.9	110.9

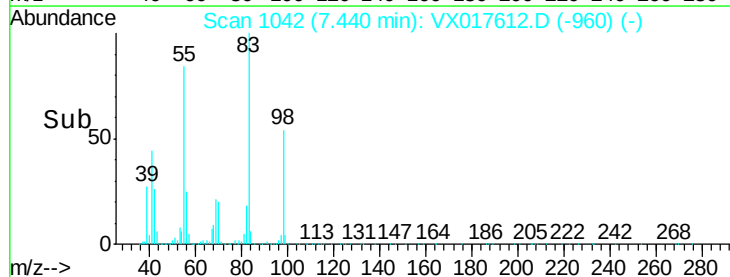
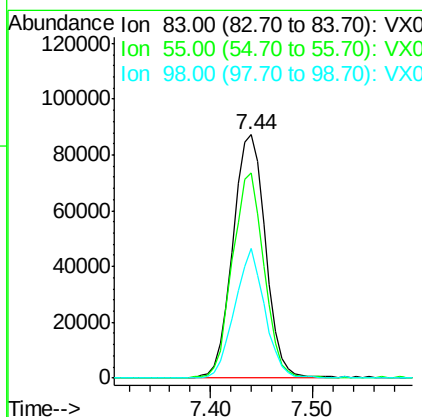
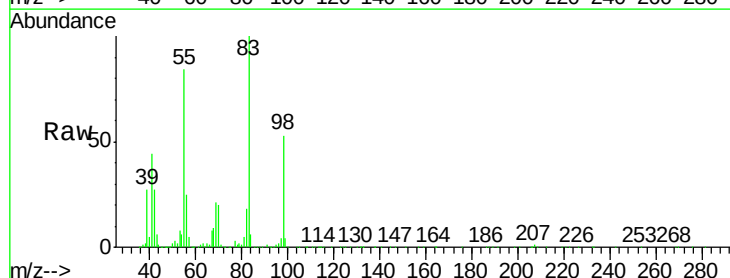
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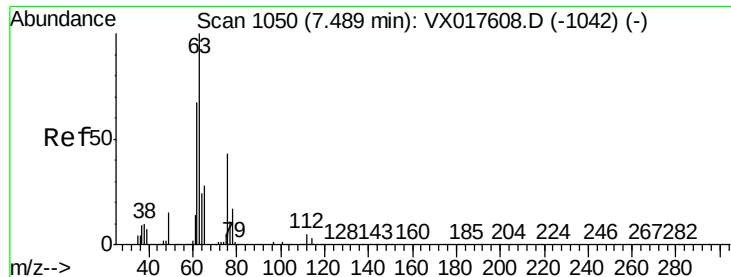
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#38
 Methylcyclohexane
 Concen: 18.196 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.7	39.6	118.7
98	49.1	23.9	71.7





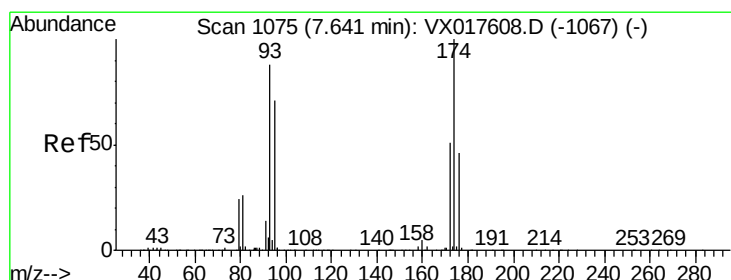
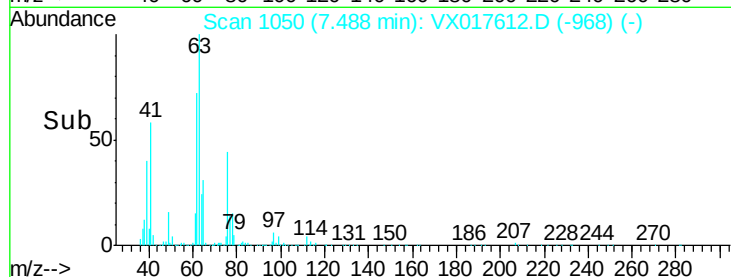
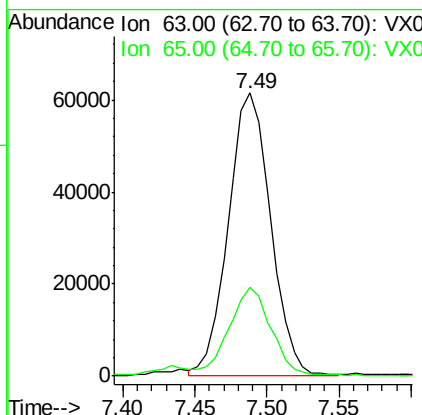
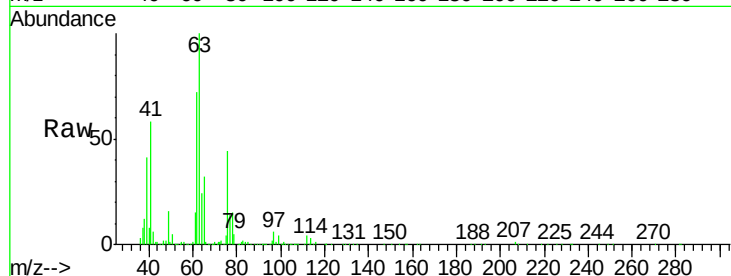
#39
 1,2-Dichloropropane
 Concen: 18.985 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.2	37.8

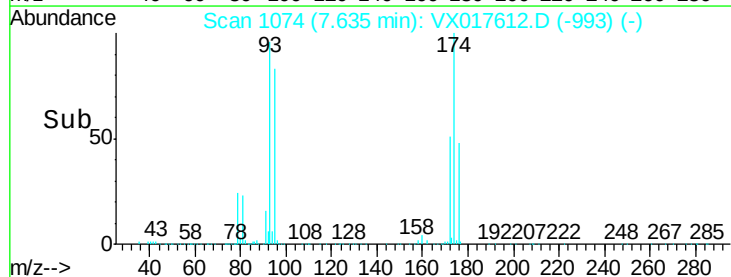
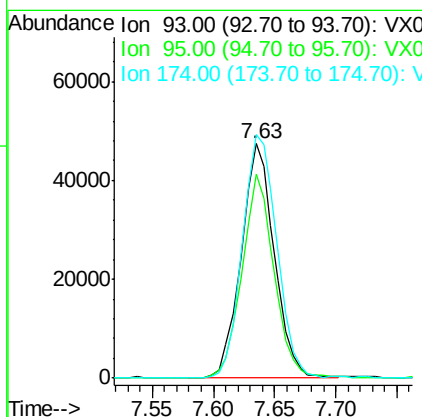
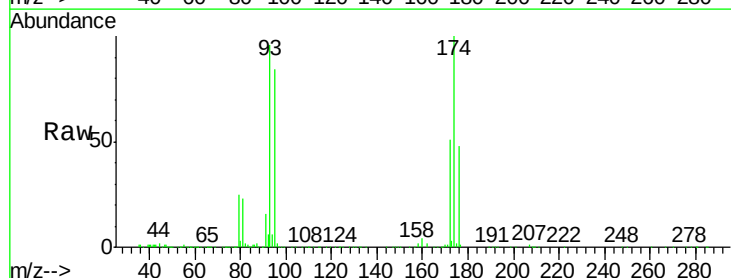
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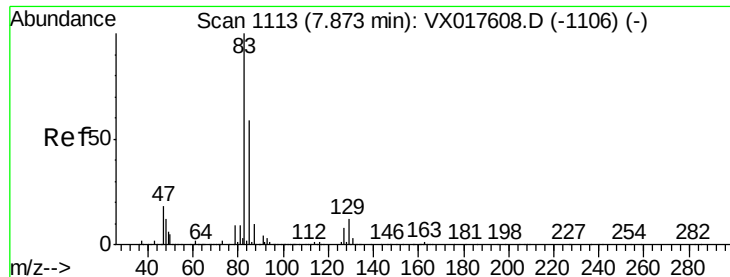
MMDadoda
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#40
 Dibromomethane
 Concen: 19.020 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	0.0	163.4
174	107.7	0.0	214.6





#41

Bromodichloromethane

Concen: 18.469 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

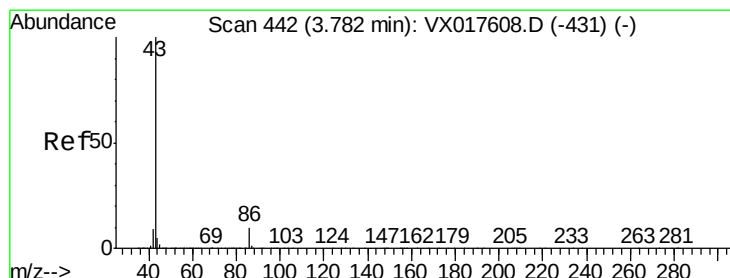
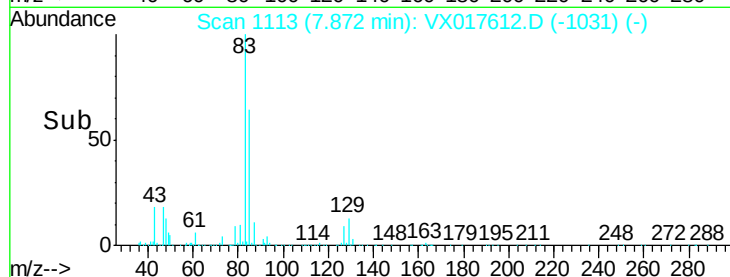
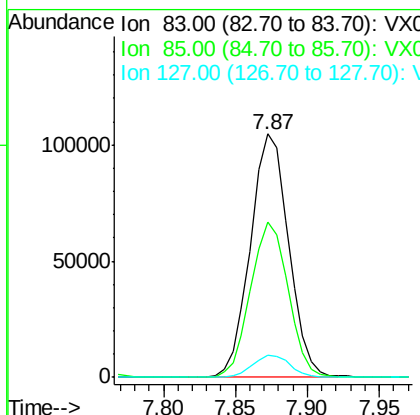
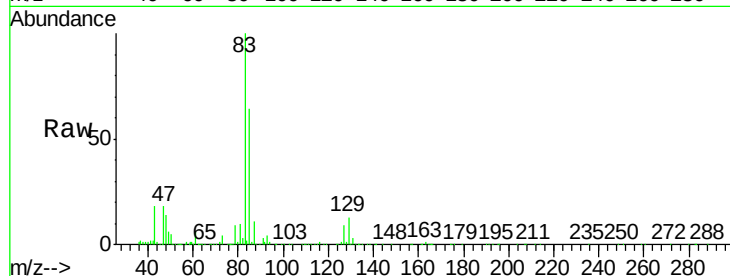
ClientSampleId :

ICVVX072720

Tot Ion	83	Resp	192056
Ion Ratio	Lower	Upper	
83	100		
85	63.8	47.4	71.0
127	9.1	6.3	9.5

Manual Integrations
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#42

Vinyl Acetate

Concen: 96.700 ug/l

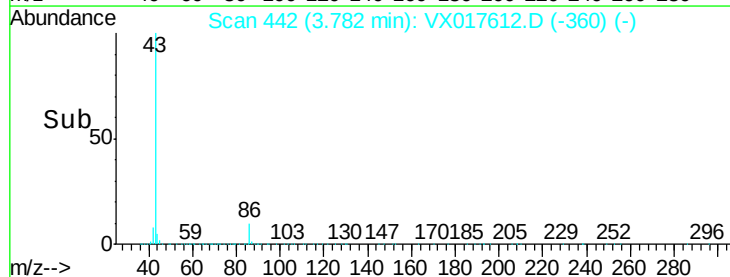
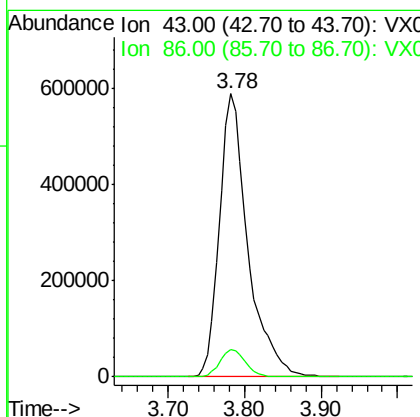
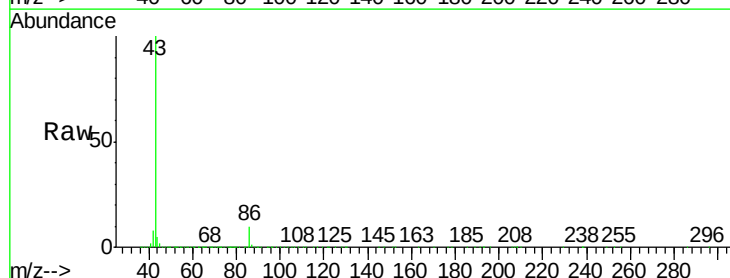
RT: 3.78 min Scan# 442

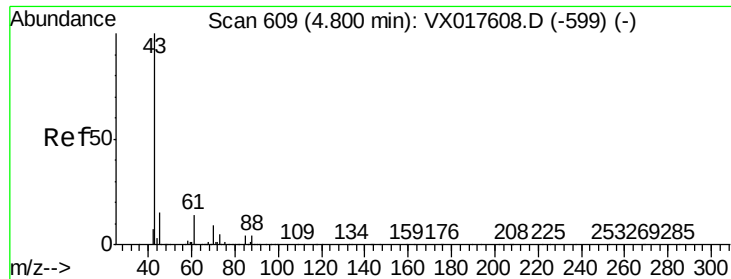
Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion	43	Resp	1514944
Ion Ratio	Lower	Upper	
43	100		
86	8.7	7.0	10.6





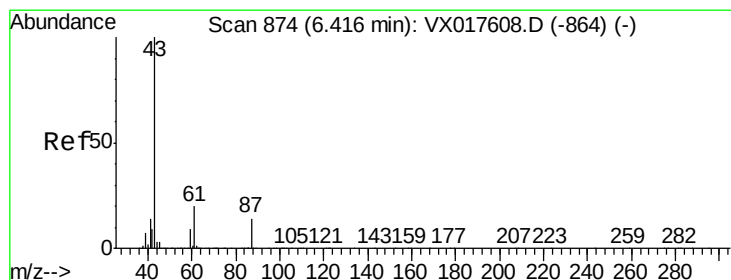
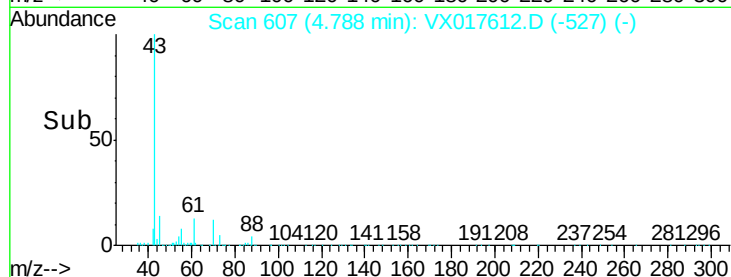
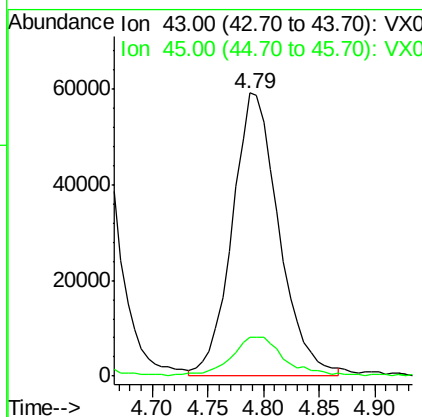
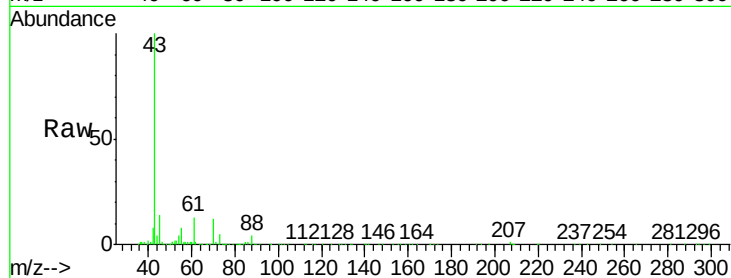
#43
Ethyl Acetate
Concen: 19.591 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	43	Ratio	Lower	Upper
171192	100			
45	14.7	11.4	17.2	

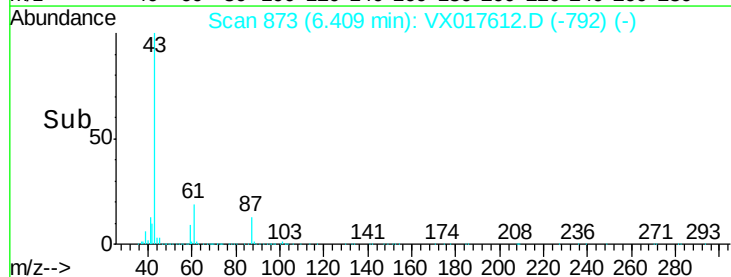
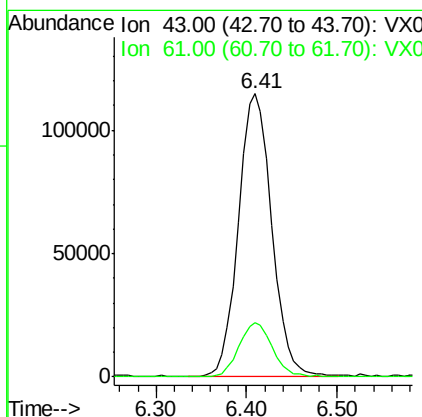
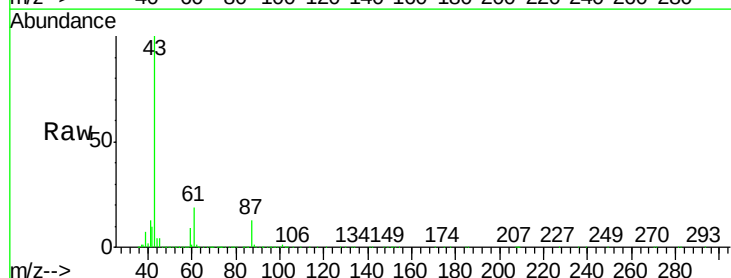
Manual Integrations
APPROVED

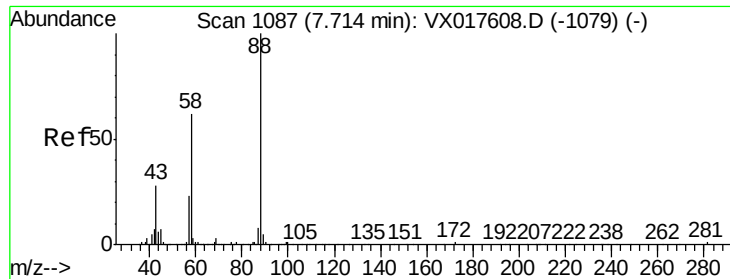
MMDadoda
7/28/2020 10:31:21 AM



#44
Isopropyl Acetate
Concen: 19.192 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	43	Ratio	Lower	Upper
291232	100			
61	19.2	15.9	23.9	





#45

1,4-Dioxane

Concen: 405.582 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

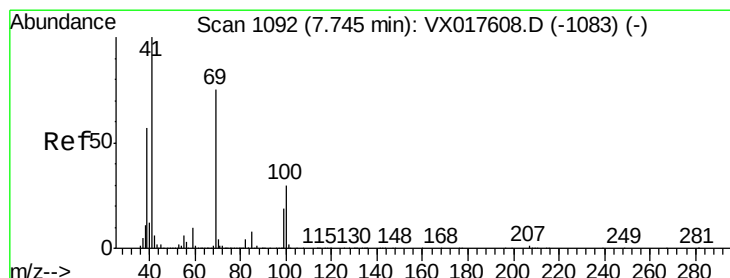
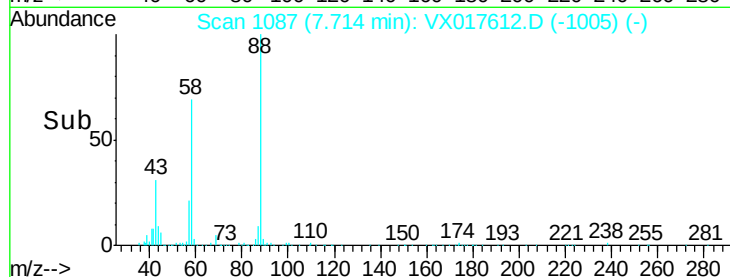
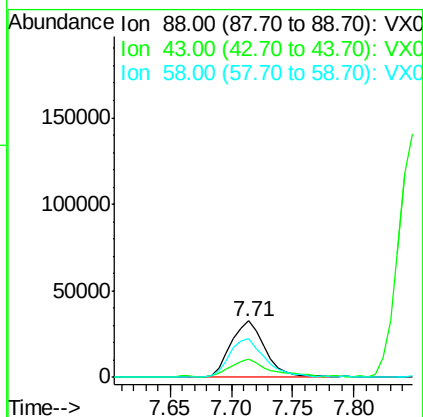
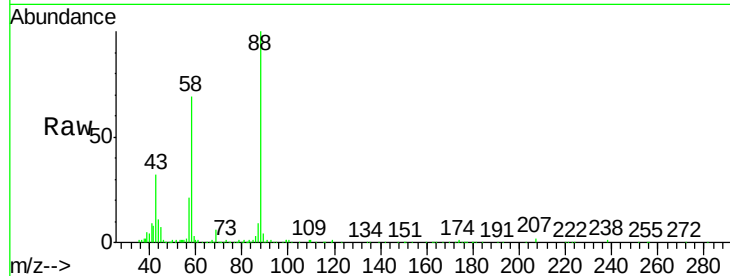
ClientSampleId :

ICVVX072720

Tot Ion:	88	Resp:	63854
Ion	Ratio	Lower	Upper
88	100		
43	33.0	29.0	43.6
58	72.0	55.6	83.4

Manual Integrations
APPROVED

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#46

Methyl methacrylate

Concen: 19.438 ug/l

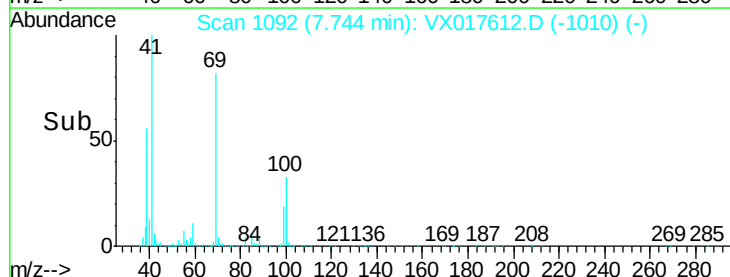
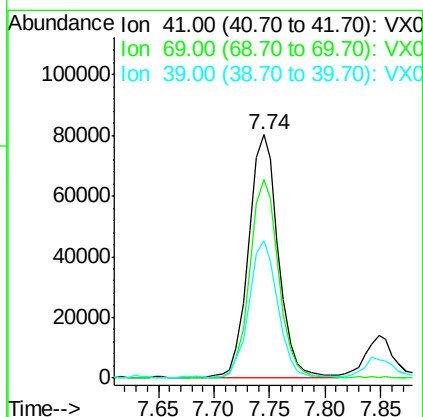
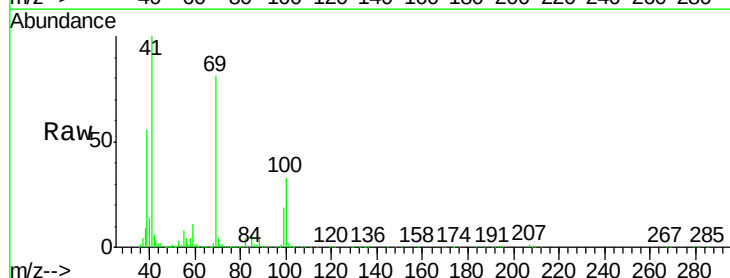
RT: 7.74 min Scan# 1092

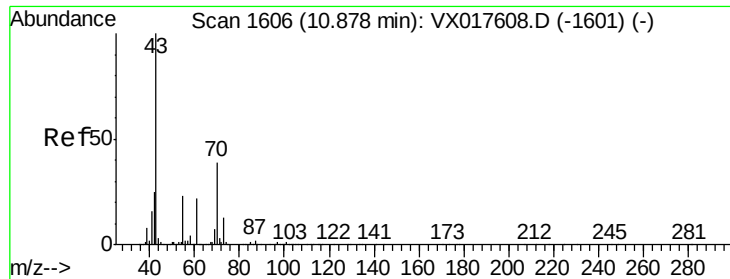
Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion:	41	Resp:	149831
Ion	Ratio	Lower	Upper
41	100		
69	81.6	37.4	112.1
39	56.0	28.7	86.1





#47

n-amvl Acetate

Concen: 19.942 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

Tot Ion: 43 Resp: 263580

Ion Ratio Lower Upper

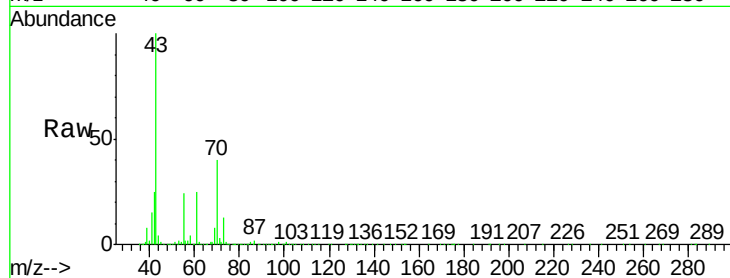
43 100

55 24.5 19.5 29.3

Manual Integrations
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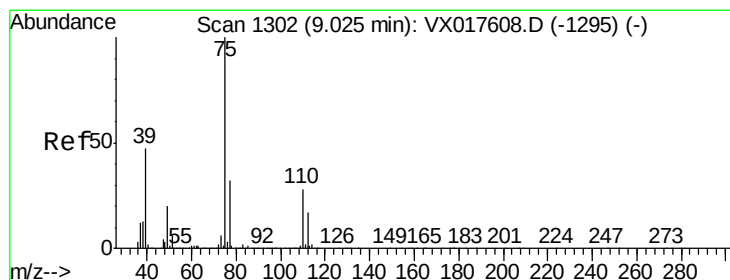
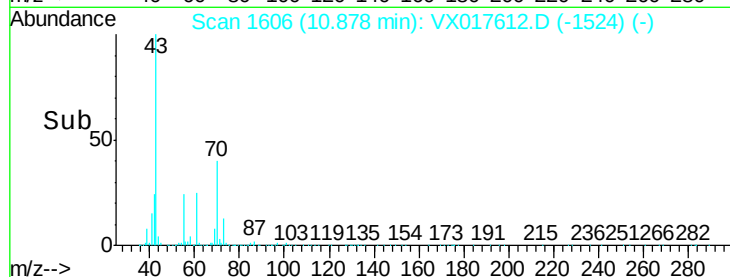
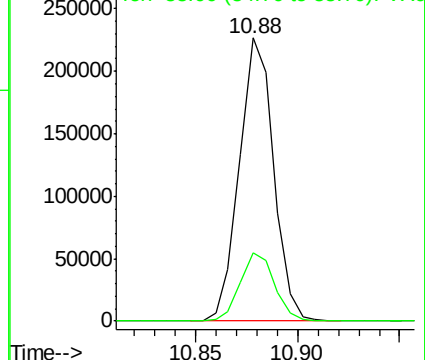
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.623 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017612.D

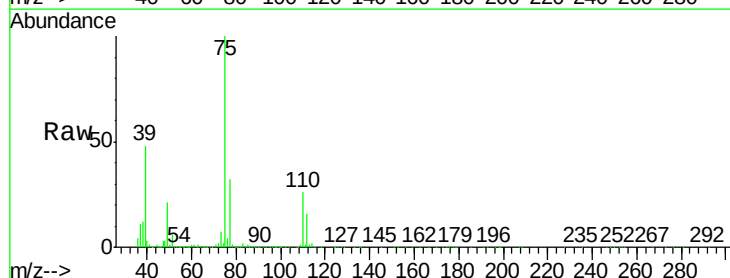
Acq: 27 Jul 2020 12:40

Tgt Ion: 75 Resp: 210959

Ion Ratio Lower Upper

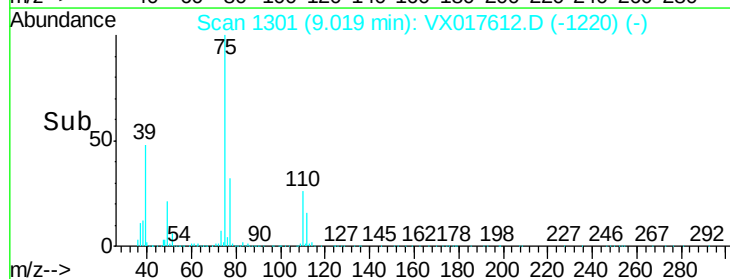
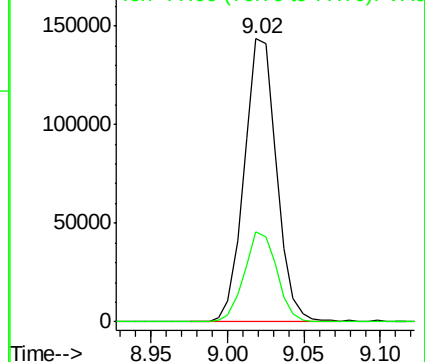
75 100

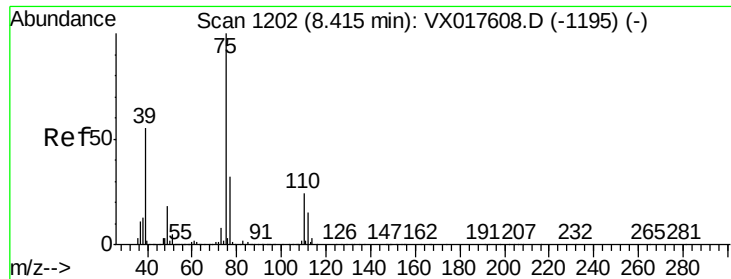
77 31.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

cis-1,3-Dichloropropene

Concen: 18.242 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

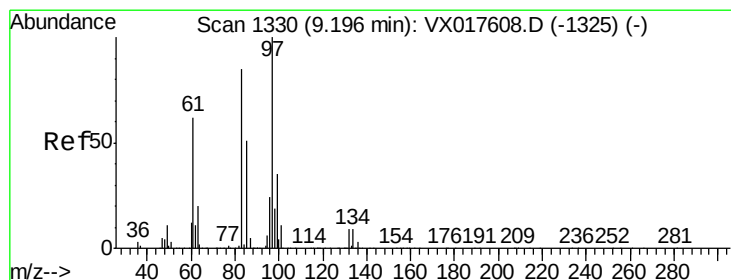
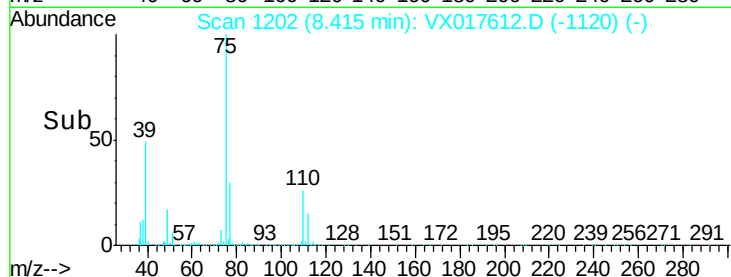
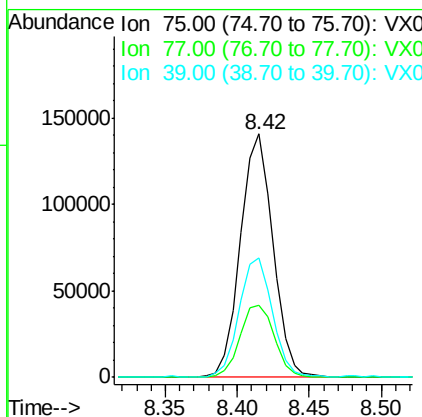
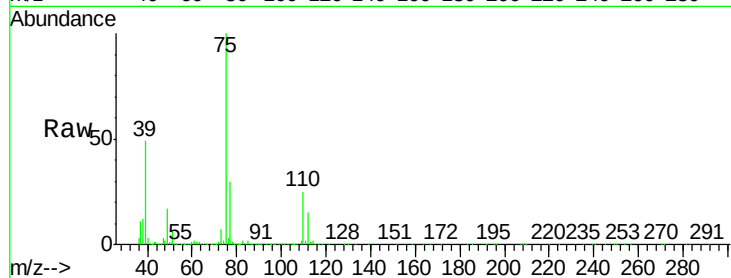
ClientSampleId :

ICVX072720

Tot Ion:	75	Resp:	221082
Ion Ratio		Lower	Upper
75	100		
77	29.5	25.4	38.0
39	48.7	43.6	65.4

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 20.291 ug/l

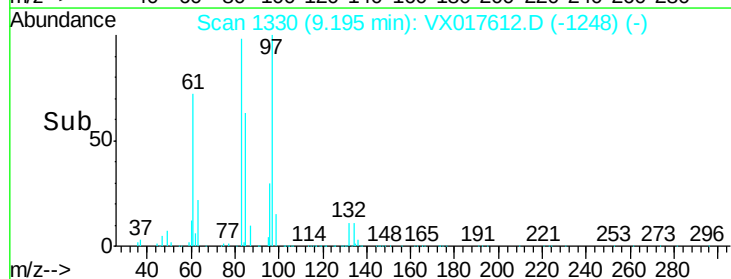
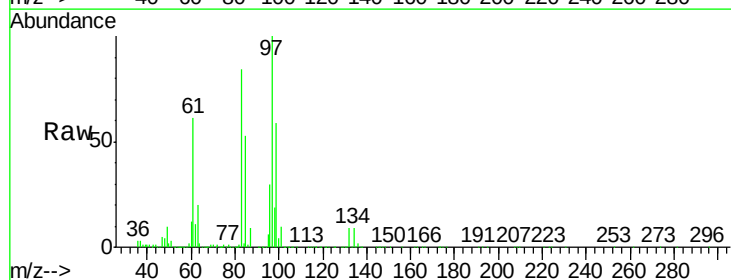
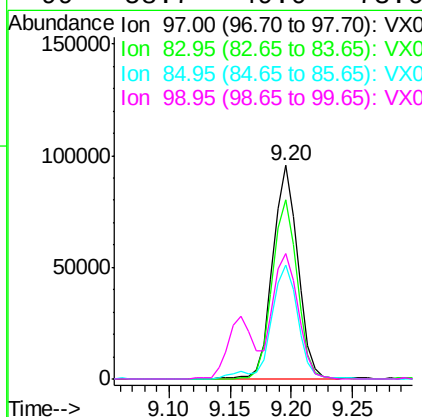
RT: 9.20 min Scan# 1330

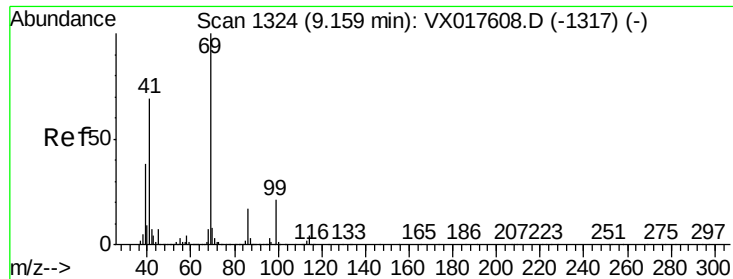
Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion:	97	Resp:	136507
Ion Ratio		Lower	Upper
97	100		
83	83.9	68.2	102.2
85	53.3	42.6	64.0
99	58.7	49.0	73.6





#51

Ethyl methacrylate

Concen: 19.687 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

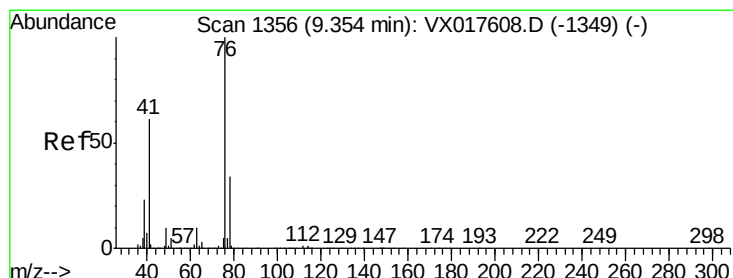
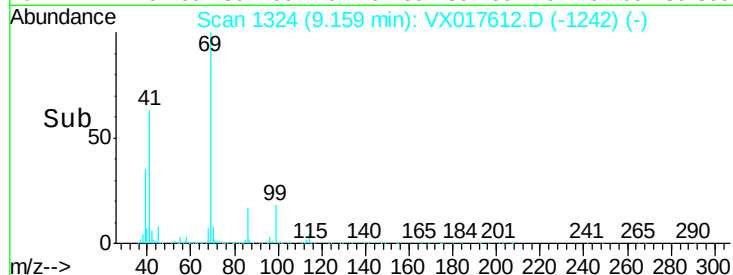
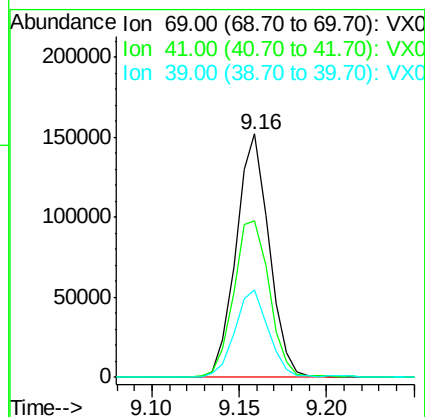
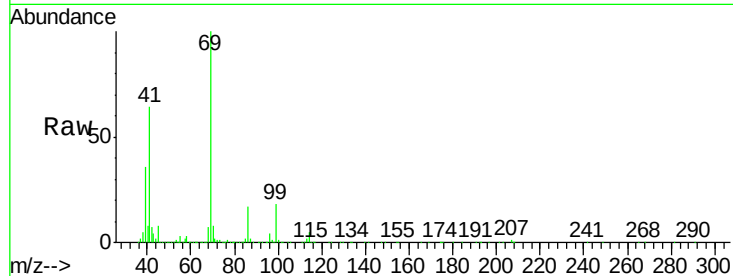
ClientSampleId :

ICVVX072720

Tot Ion:	69	Resp:	199706
Ion Ratio	Lower	Upper	
69	100		
41	64.2	34.4	103.2
39	35.4	19.1	57.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.841 ug/l

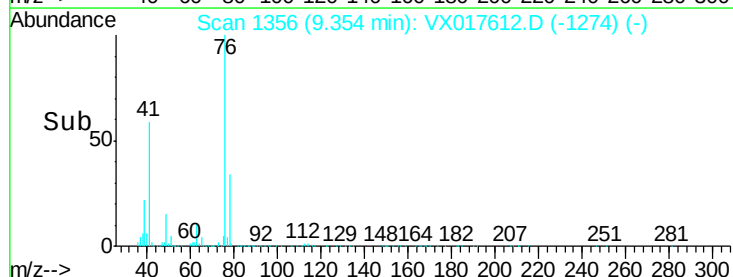
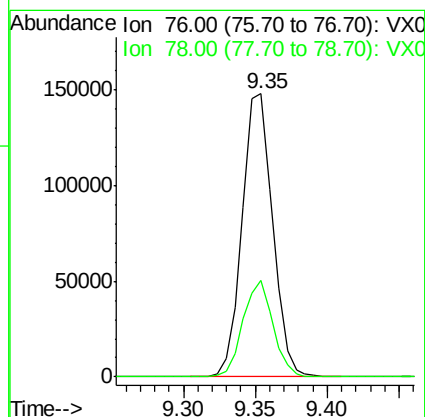
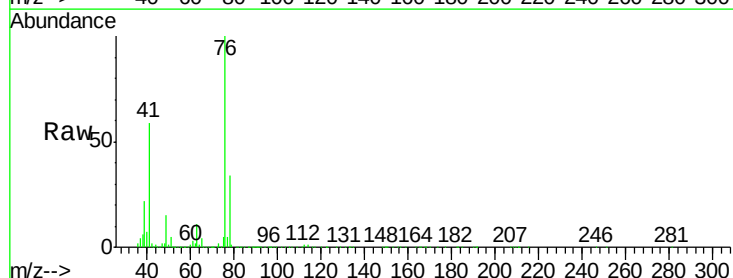
RT: 9.35 min Scan# 1356

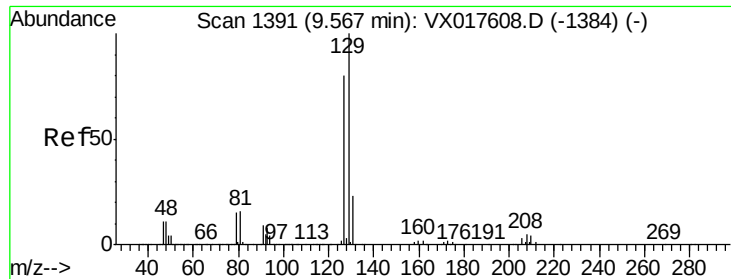
Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion:	76	Resp:	217605
Ion Ratio	Lower	Upper	
76	100		
78	33.3	0.0	65.4





#53

Dibromochloromethane

Concen: 19.228 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

Tot Ion:129 Resp: 164285

Ion Ratio Lower Upper

129 100

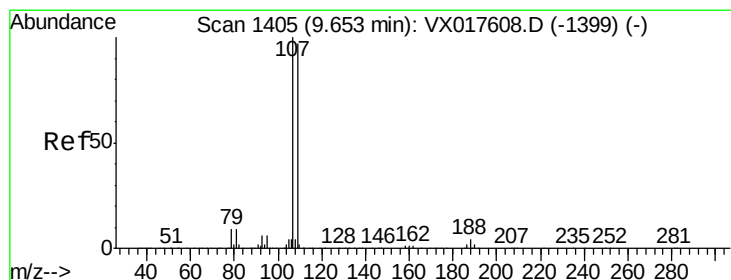
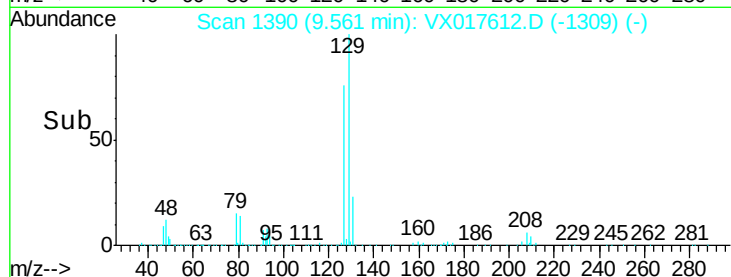
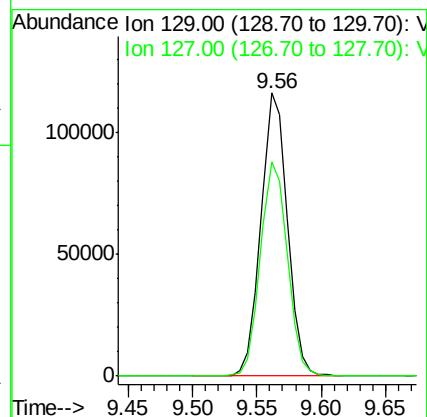
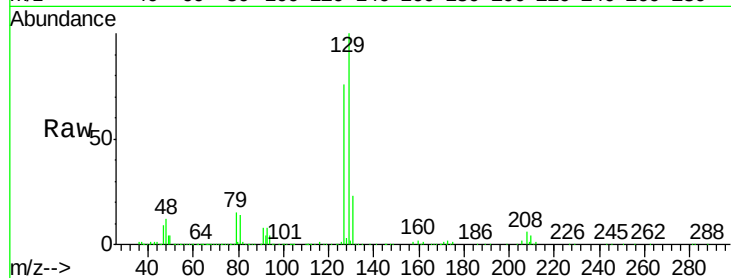
127 77.2 39.7 119.1

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 19.029 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017612.D

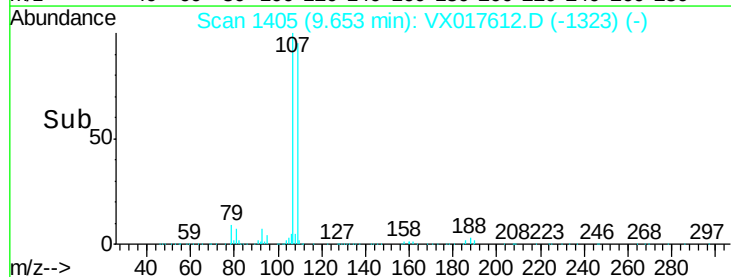
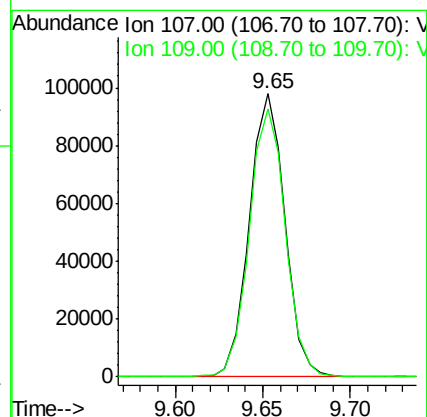
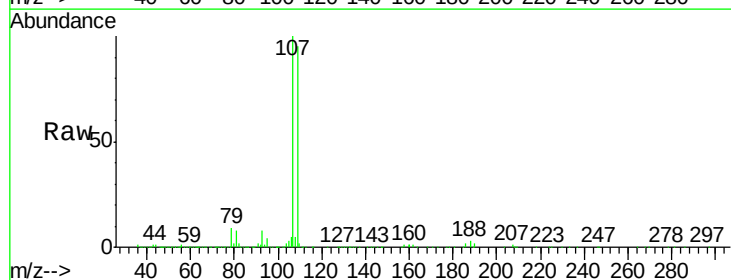
Acq: 27 Jul 2020 12:40

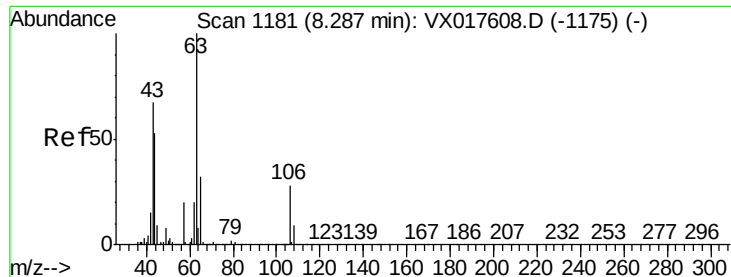
Tgt Ion:107 Resp: 139233

Ion Ratio Lower Upper

107 100

109 95.5 75.6 113.4





#55

2-Chloroethyl vinyl ether

Concen: 93.630 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

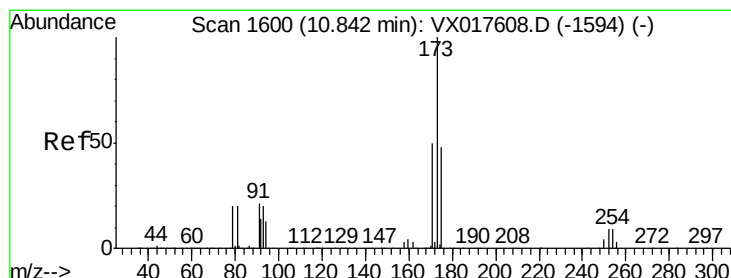
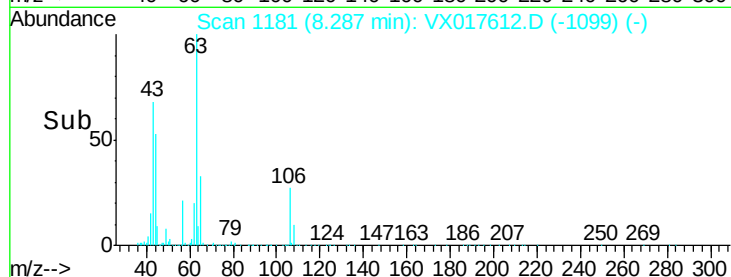
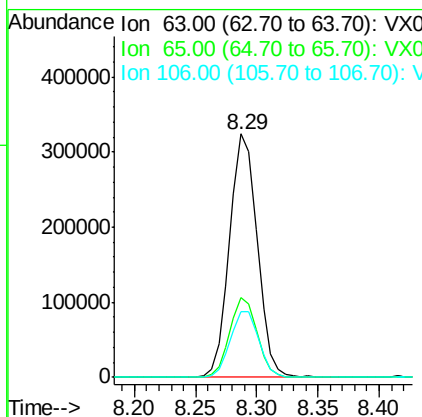
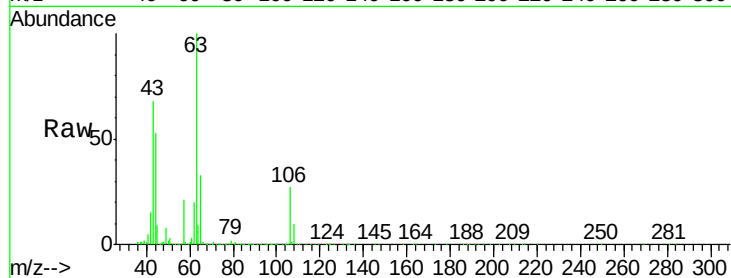
ClientSampleId :

ICVVX072720

Tot Ion:	63	Resp:	507429
Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.5	38.3
106	28.1	22.9	34.3

Manual Integrations
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#56

Bromoform

Concen: 19.076 ug/l

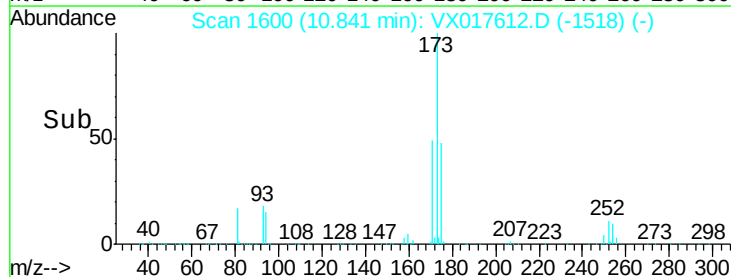
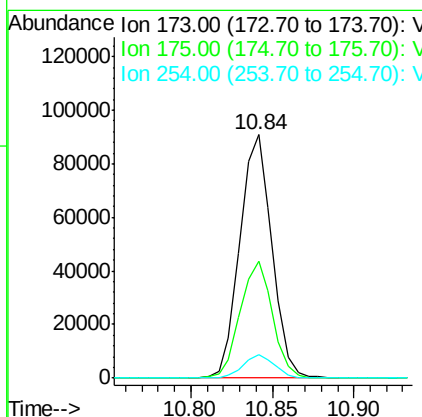
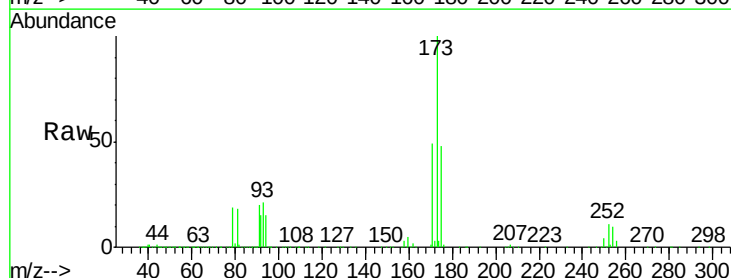
RT: 10.84 min Scan# 1600

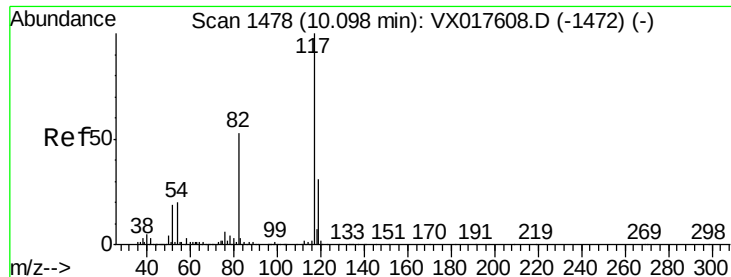
Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion:	173	Resp:	124404
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.2	57.4
254	9.6	7.4	11.2





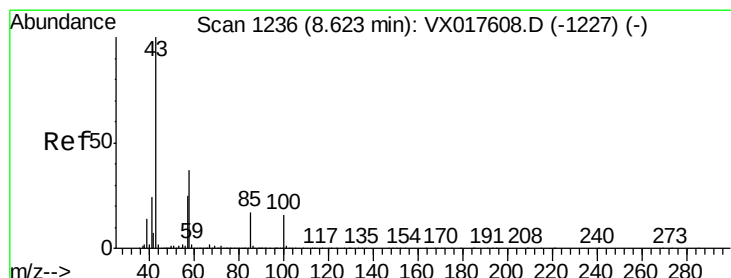
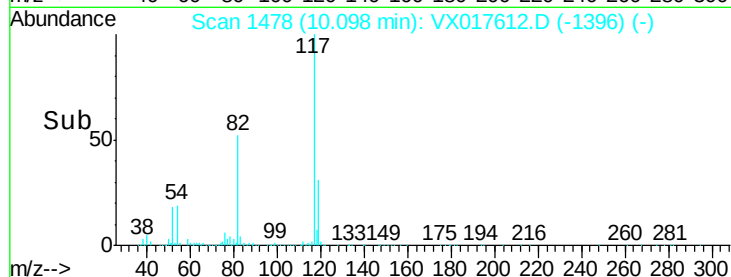
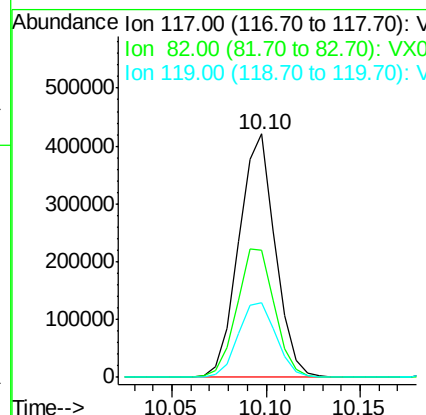
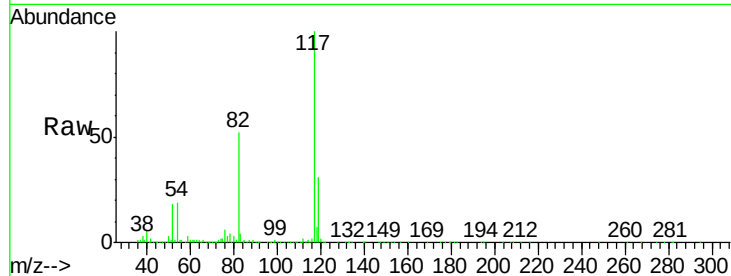
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.6	65.4
119	31.9	25.7	38.5

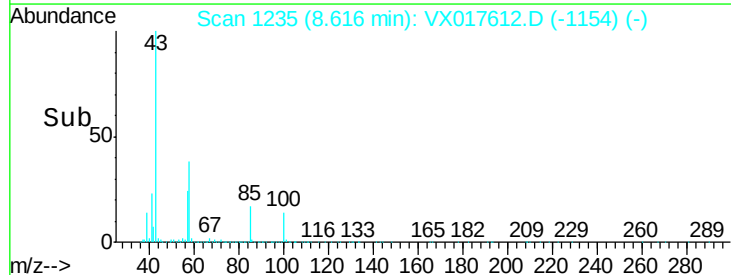
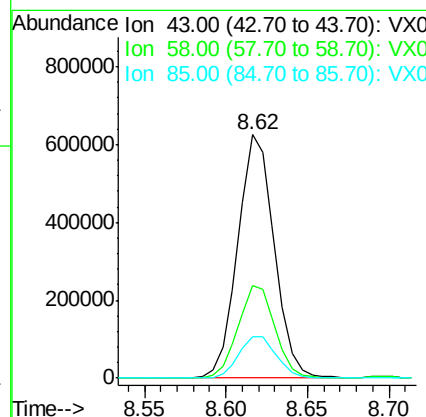
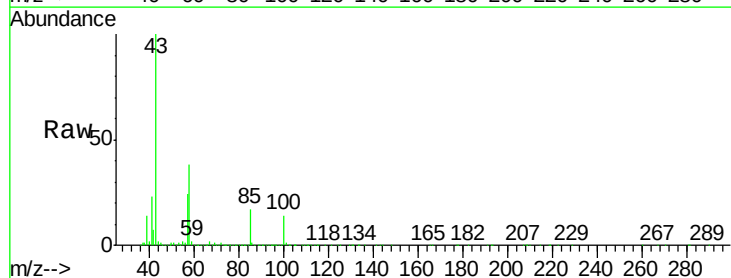
Manual Integrations
APPROVED

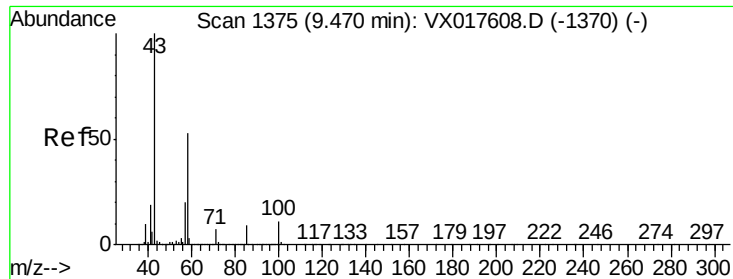
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 96.820 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.4	30.5	45.7
85	17.9	14.2	21.2





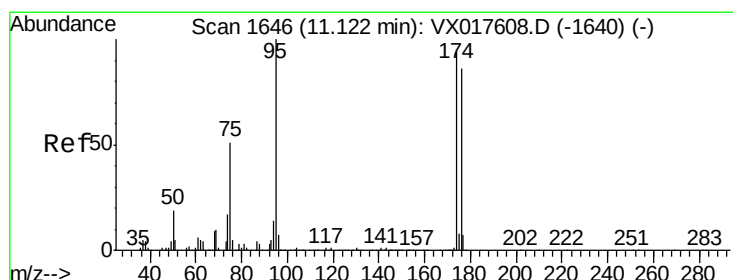
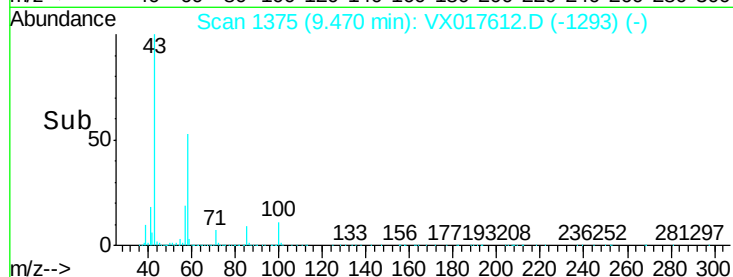
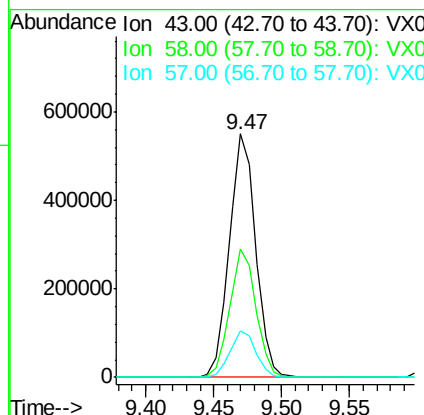
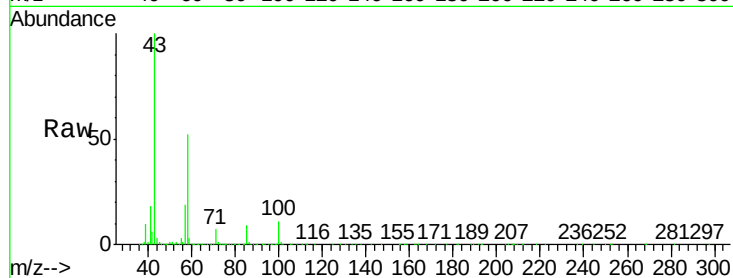
#59
2-Hexanone
Concen: 104.589 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.3	42.9	64.3
57	18.9	16.1	24.1

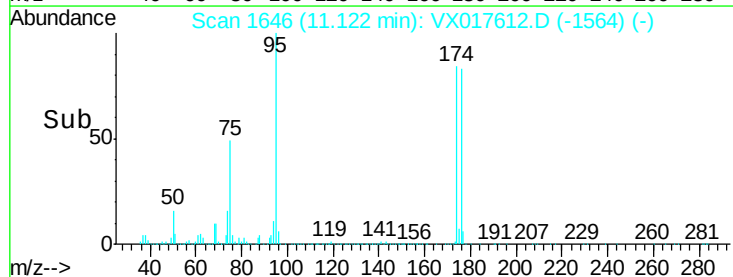
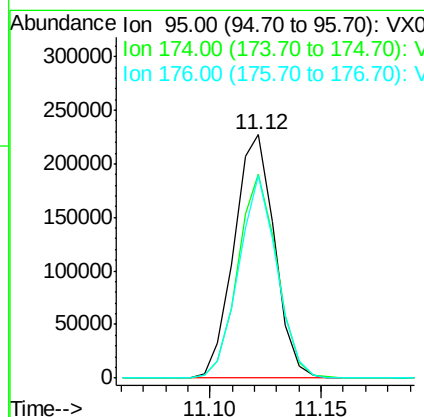
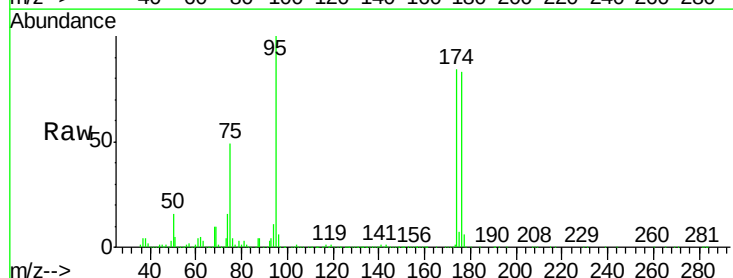
Manual Integrations
APPROVED

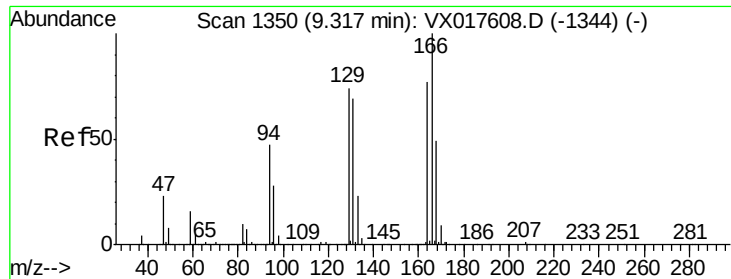
MMDadoda
7/28/2020 10:31:21 AM



#60
4-Bromofluorobenzene
Concen: 30.240 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.9	70.2	105.2
176	78.9	65.6	98.4





#61

Tetrachloroethene

Concen: 18.682 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

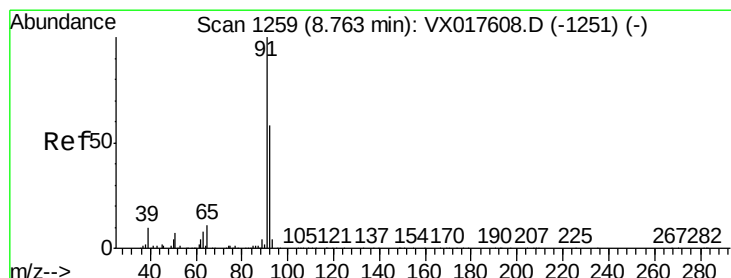
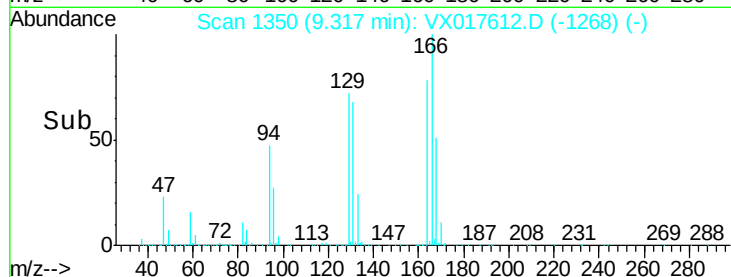
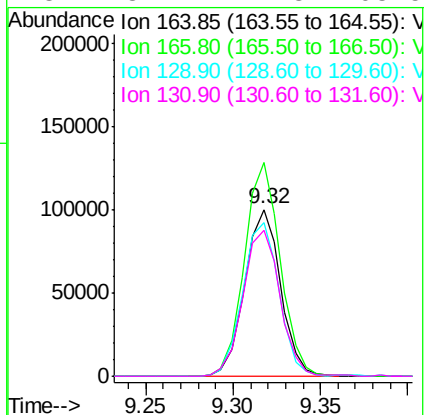
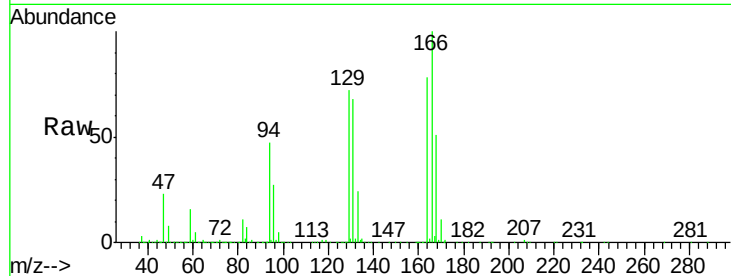
ClientSampleId :

ICVVX072720

Tot Ion:	164	Resp:	143034
Ion Ratio	Lower	Upper	
164	100		
166	128.0	104.4	156.6
129	91.9	77.0	115.4
131	87.4	72.3	108.5

Manual Integrations
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#62

Toluene

Concen: 18.418 ug/l

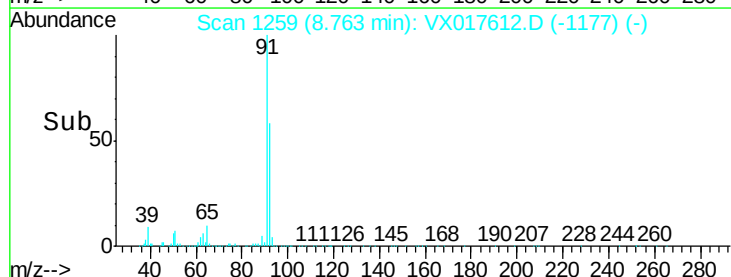
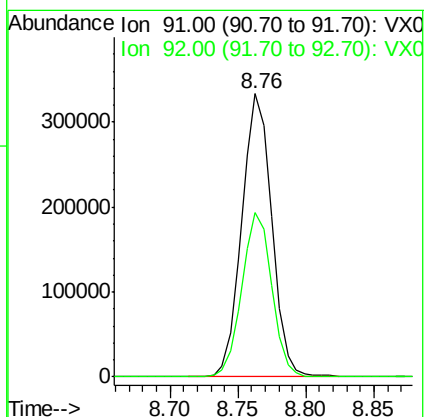
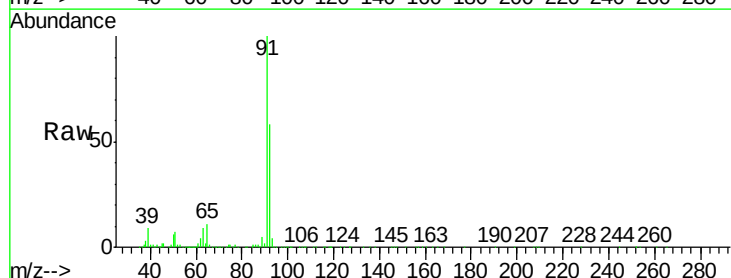
RT: 8.76 min Scan# 1259

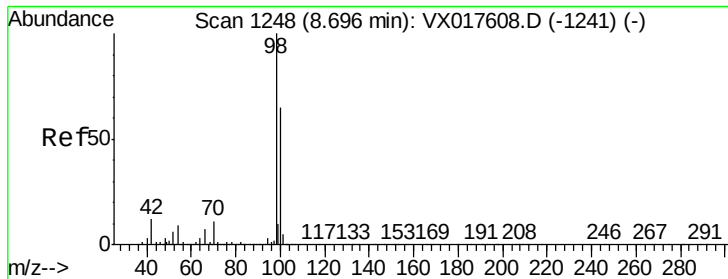
Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion:	91	Resp:	514311
Ion Ratio	Lower	Upper	
91	100		
92	57.9	46.9	70.3





#63

Toluene-d8

Concen: 29.207 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

Tot Ion: 98 Resp: 726255

Ion Ratio Lower Upper

98 100

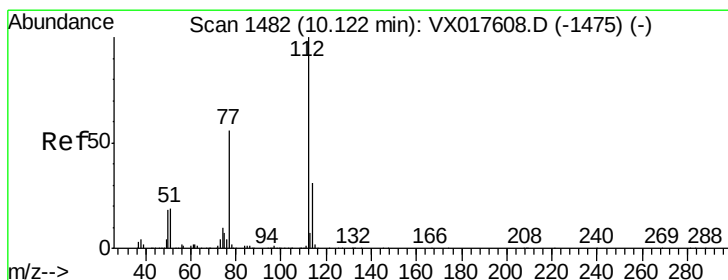
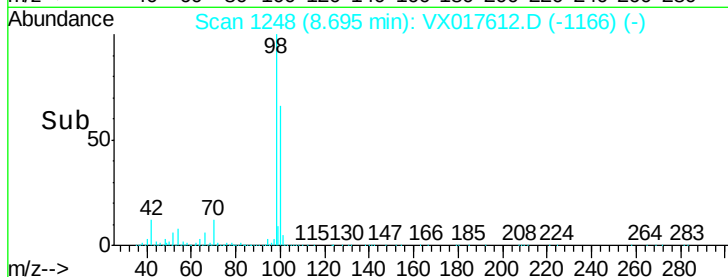
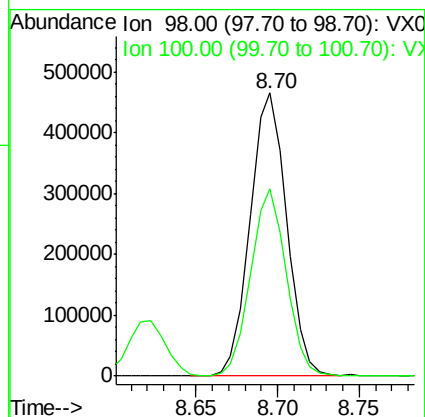
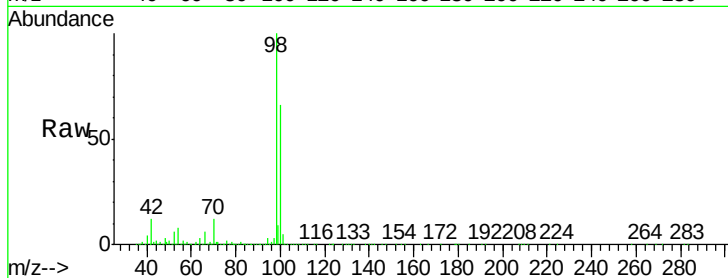
100 64.4 51.9 77.9

Manual Integrations

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#64

Chlorobenzene

Concen: 19.273 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017612.D

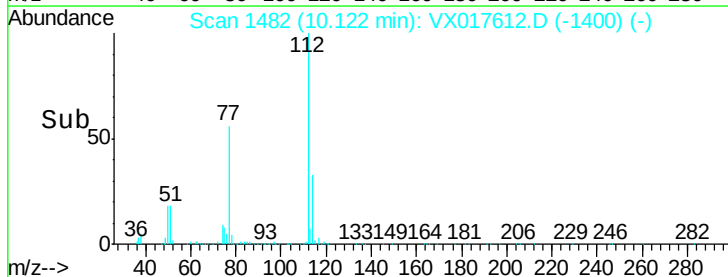
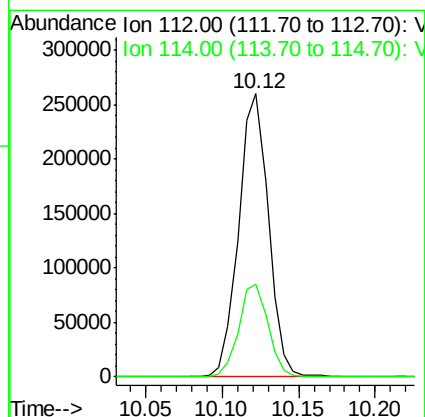
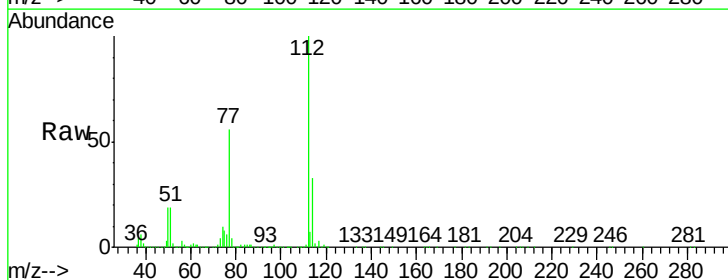
Acq: 27 Jul 2020 12:40

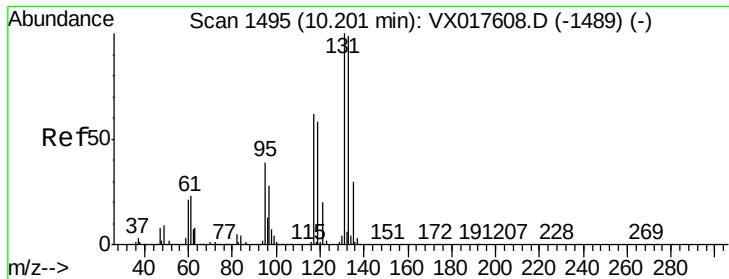
Tgt Ion: 112 Resp: 351741

Ion Ratio Lower Upper

112 100

114 32.6 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.256 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

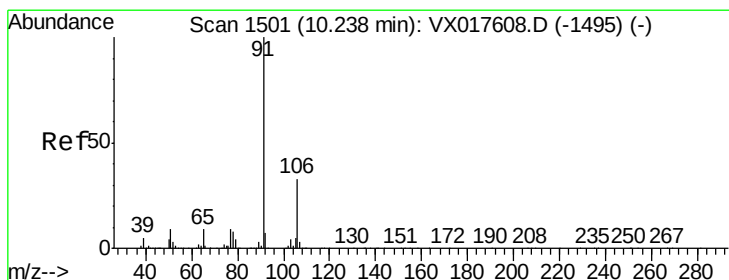
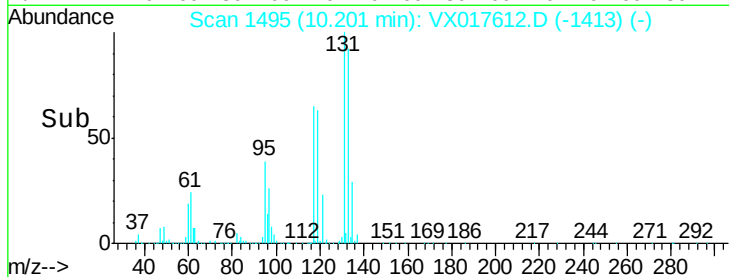
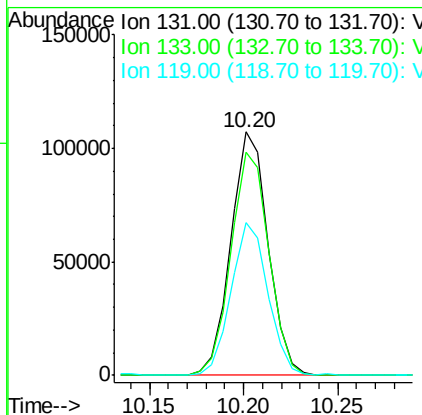
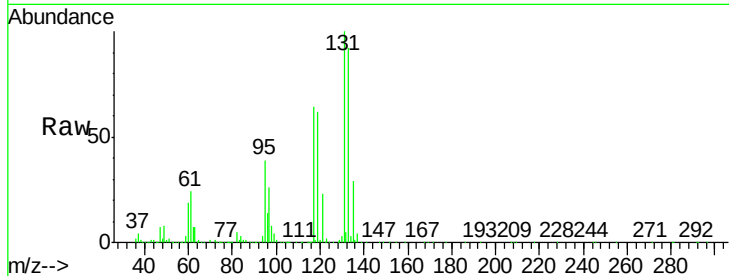
ClientSampleId :

ICVVX072720

Tot Ion:	131	Resp:	146984
Ion Ratio	Lower	Upper	
131	100		
133	93.3	0.0	189.8
119	61.3	0.0	119.6

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.971 ug/l

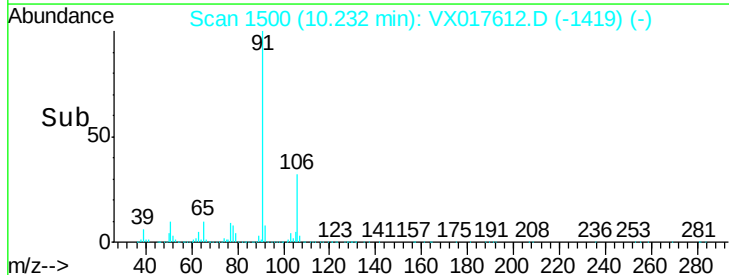
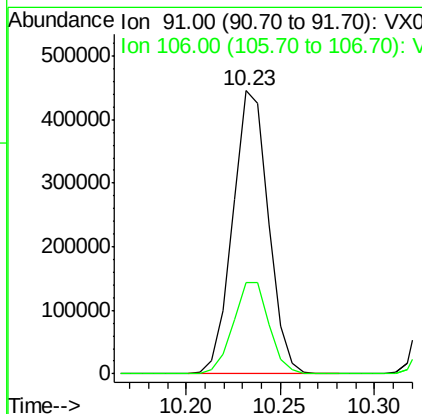
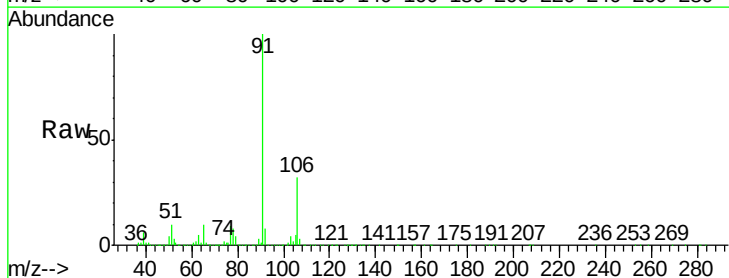
RT: 10.23 min Scan# 1500

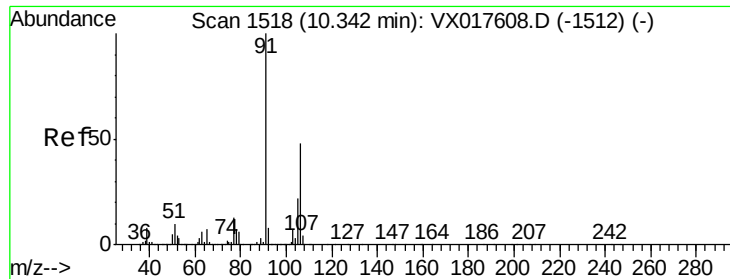
Delta R.T. -0.01 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion:	91	Resp:	584815
Ion Ratio	Lower	Upper	
91	100		
106	32.1	26.2	39.2





#67

m/p-Xylenes

Concen: 39.718 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

Tot Ion:106 Resp: 458717

Ion Ratio Lower Upper

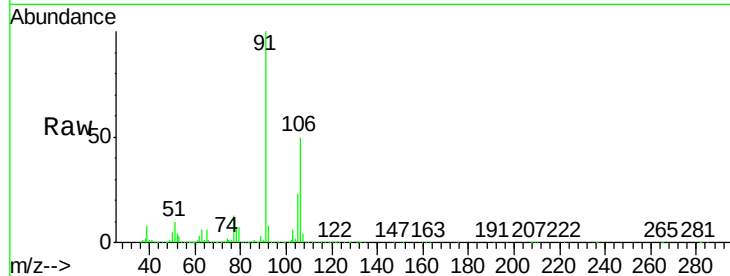
106 100

91 202.4 166.6 249.8

Manual Integrations
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

400000

200000

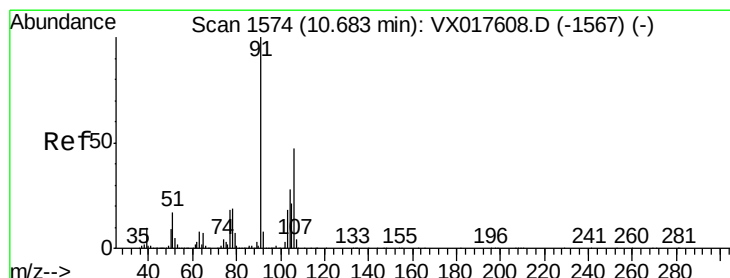
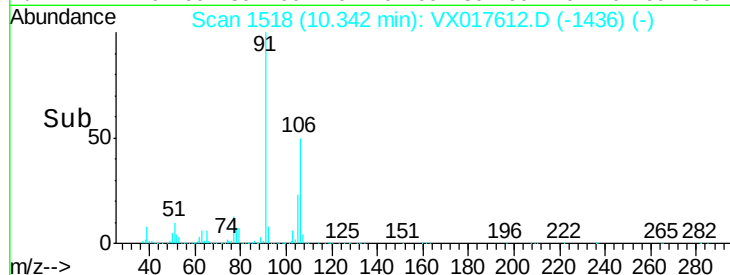
0

10.34

10.35

10.40

Time-->



#68

o-Xylene

Concen: 19.234 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017612.D

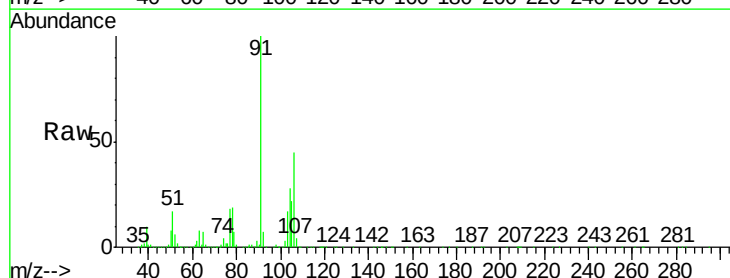
Acq: 27 Jul 2020 12:40

Tgt Ion:106 Resp: 220674

Ion Ratio Lower Upper

106 100

91 217.4 105.8 317.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

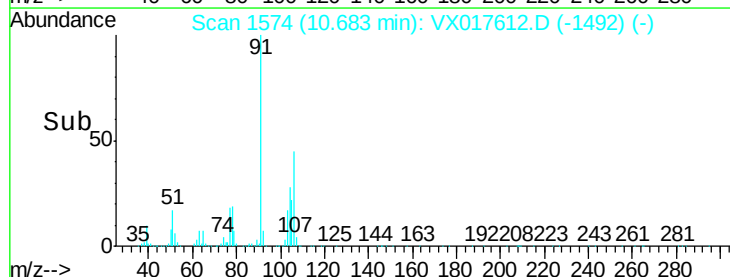
100000

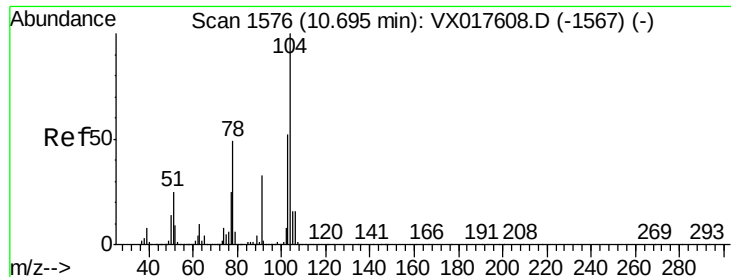
0

10.68

10.70

Time-->





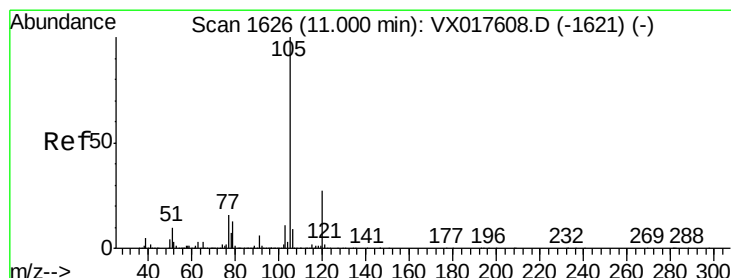
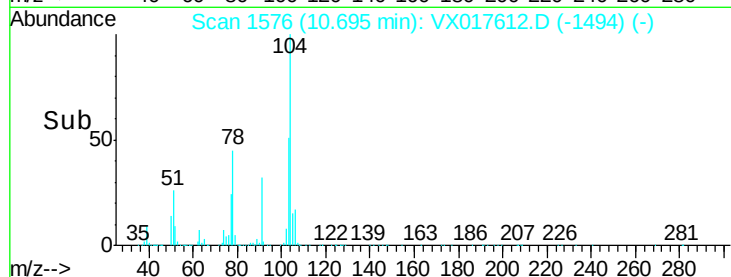
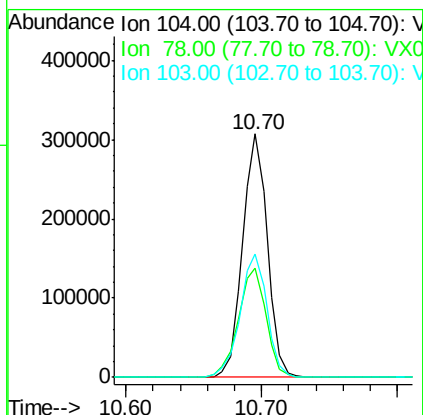
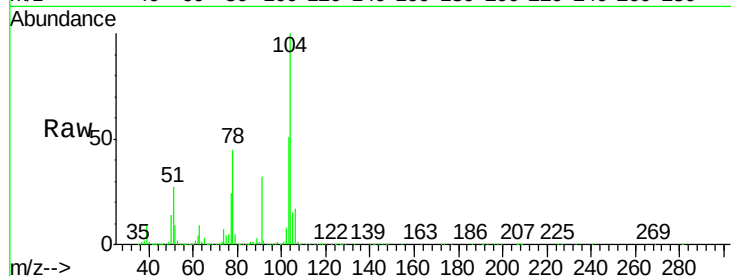
#69
Stvrene
Concen: 19.502 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	41.7	62.5
103	54.7	43.4	65.2

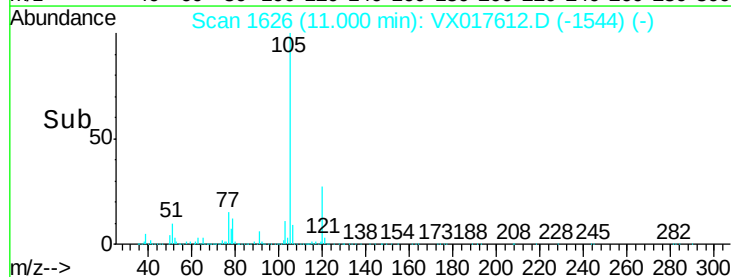
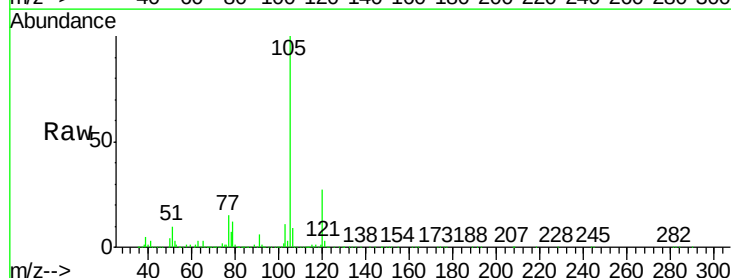
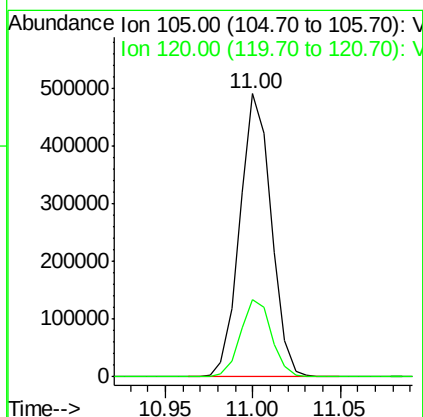
Manual Integrations
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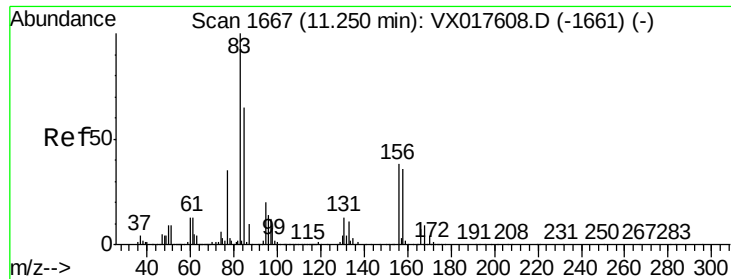
MMDadoda
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#70
Isopropylbenzene
Concen: 18.224 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	18.7	34.7





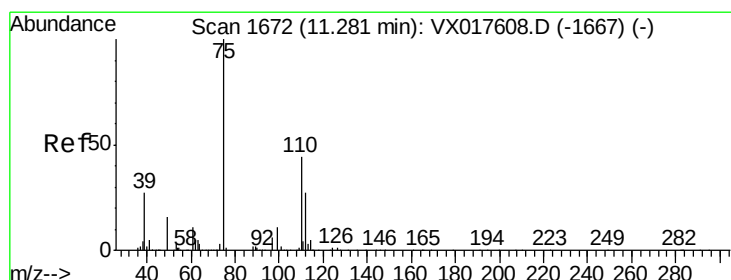
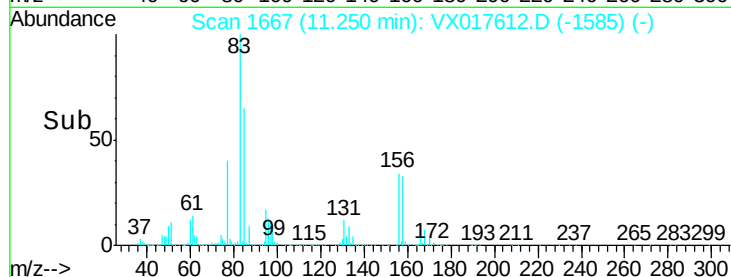
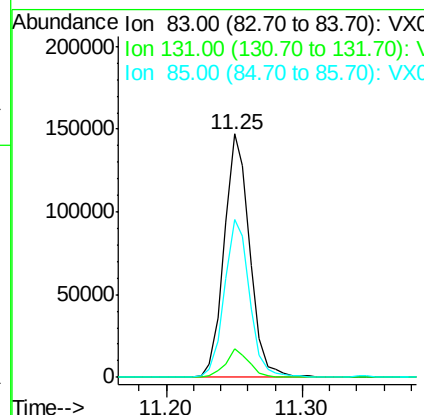
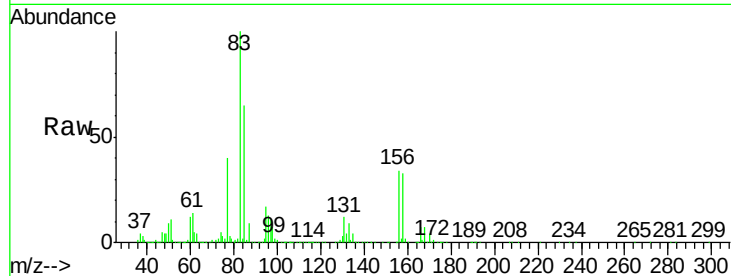
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.404 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Tot Ion	Ratio	Resp	Lower	Upper
83	100	190578		
131	10.9	5.9	17.8	
85	64.4	32.7	98.1	

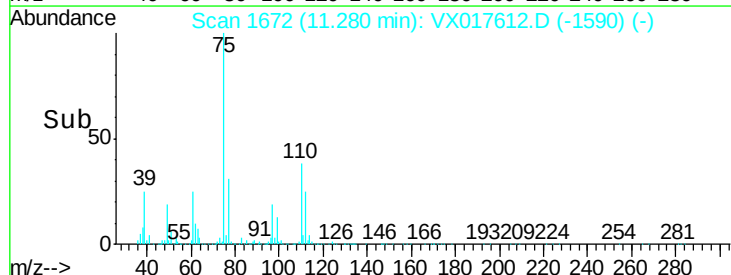
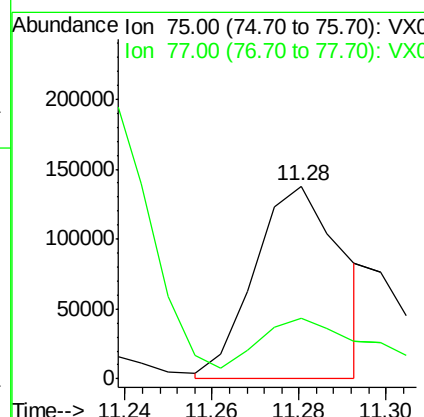
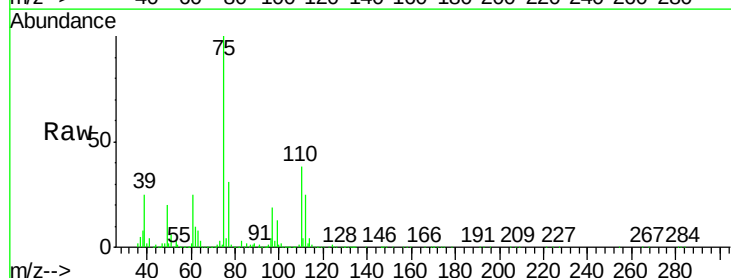
Manual Integrations
 APPROVED

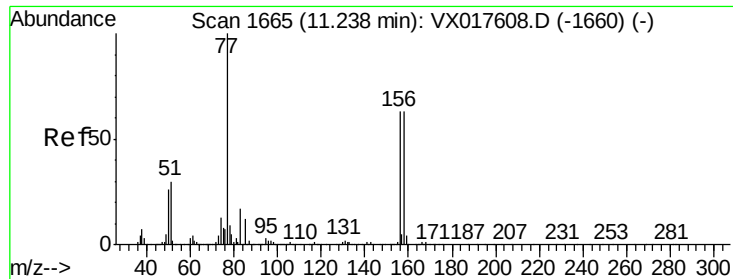
MMDadoda
 7/28/2020 10:31:21 AM



#72
 1,2,3-Trichloropropane
 Concen: 20.647 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	193350		
77	40.4	0.0	73.2	





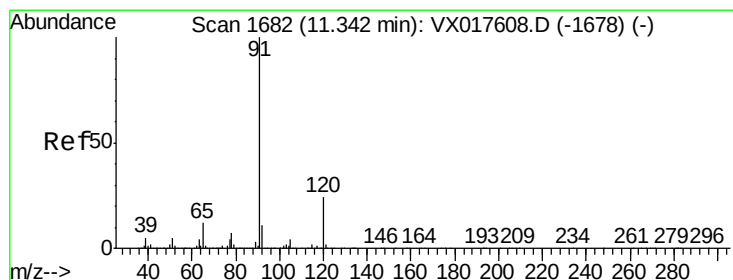
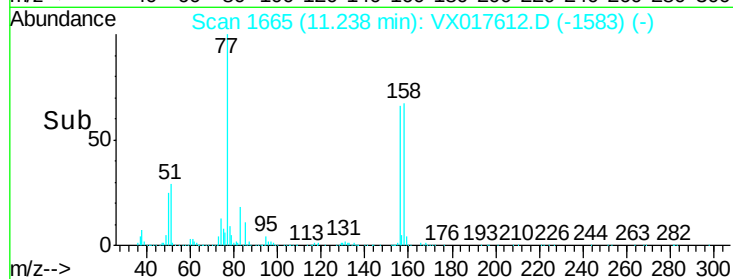
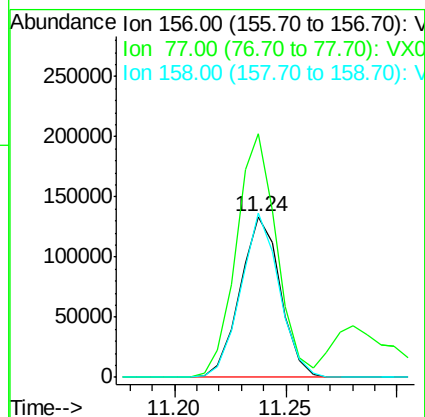
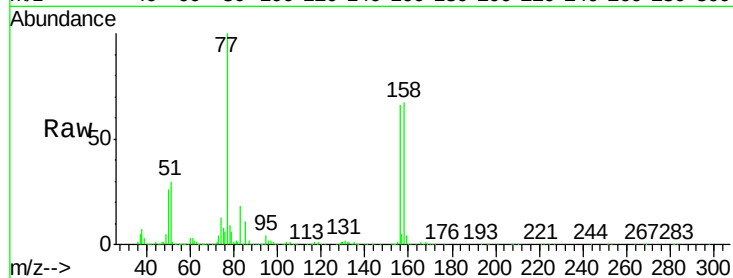
#73
Bromobenzene
Concen: 18.905 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	Ratio	Resp	Lower	Upper
156	100	167335		
77	153.3	0.0	302.0	
158	98.4	0.0	199.6	

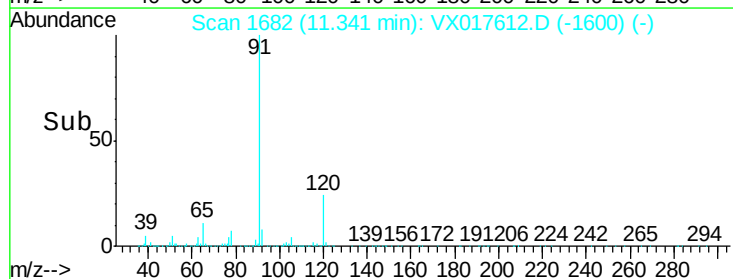
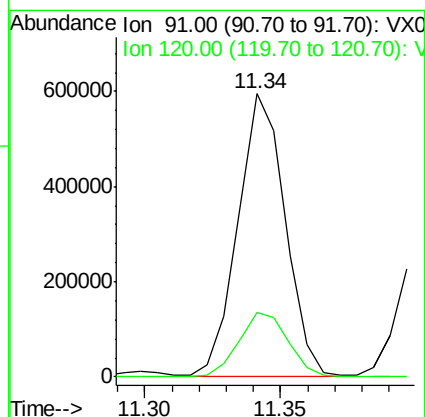
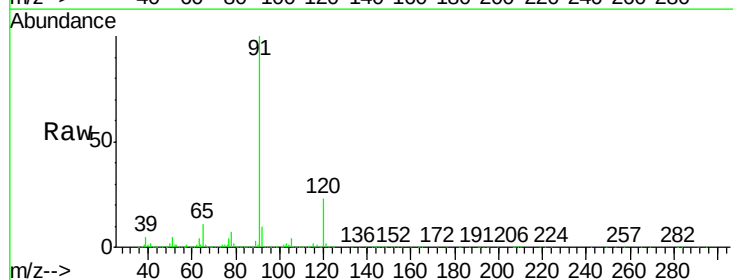
Manual Integrations
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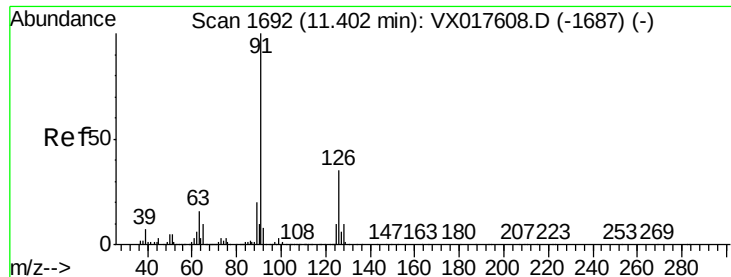
MMDadoda
7/28/2020 10:31:21 AM



#74
n-propylbenzene
Concen: 18.944 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	715528		
120	23.8	0.0	48.0	





#75

2-Chlorotoluene

Concen: 18.773 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072720

Tot Ion: 91 Resp: 426654

Ion Ratio Lower Upper

91 100

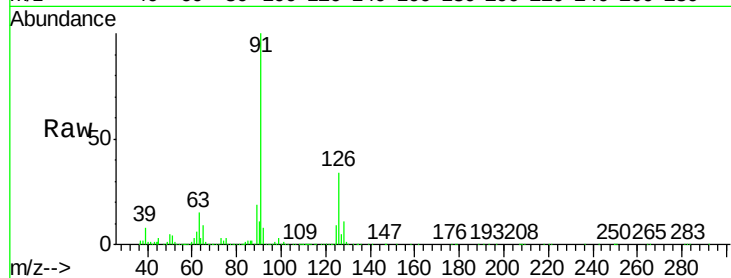
126 34.0 0.0 67.8

Manual Integrations

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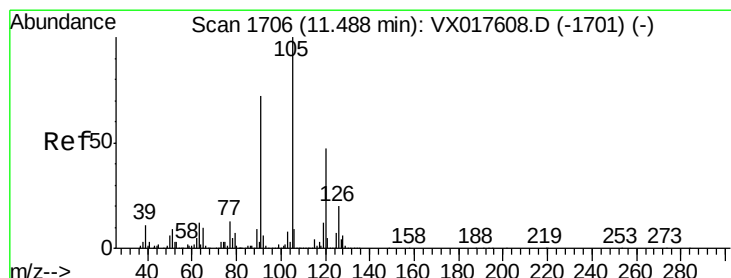
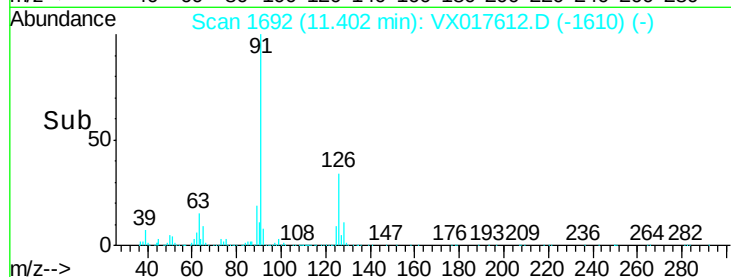
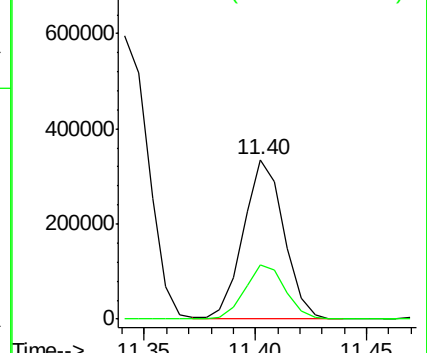
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.353 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017612.D

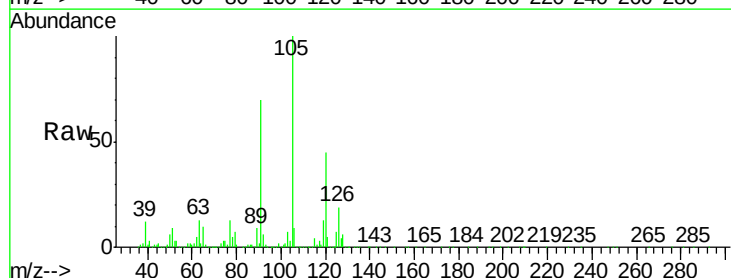
Acq: 27 Jul 2020 12:40

Tgt Ion: 105 Resp: 536919

Ion Ratio Lower Upper

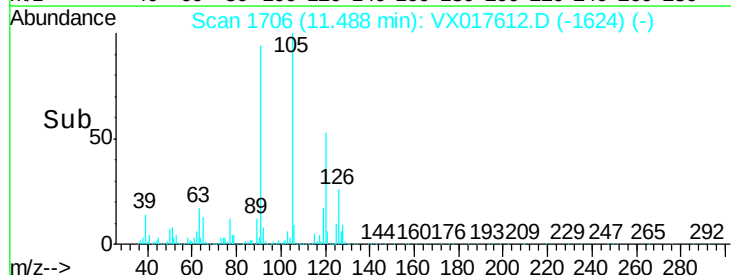
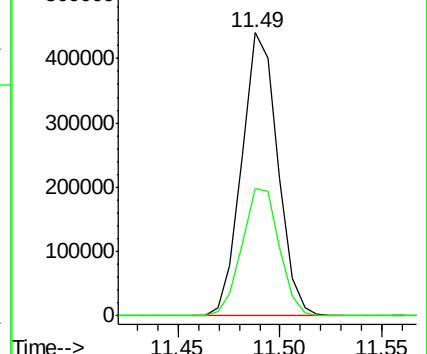
105 100

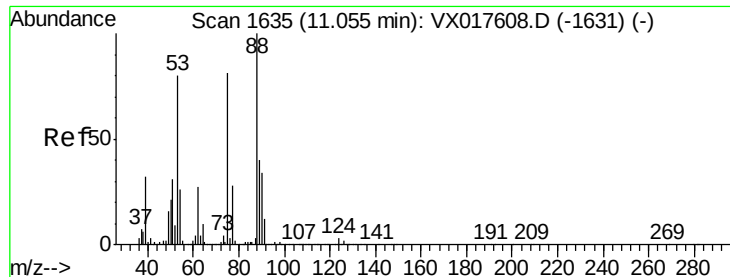
120 47.0 0.0 95.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





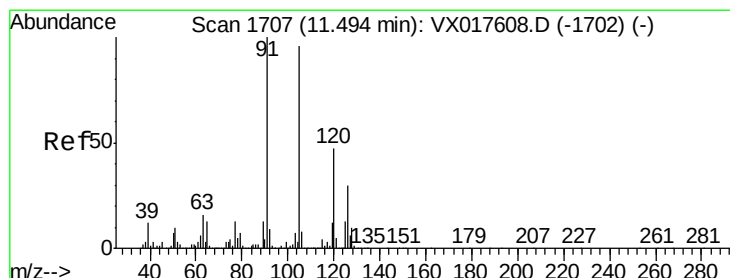
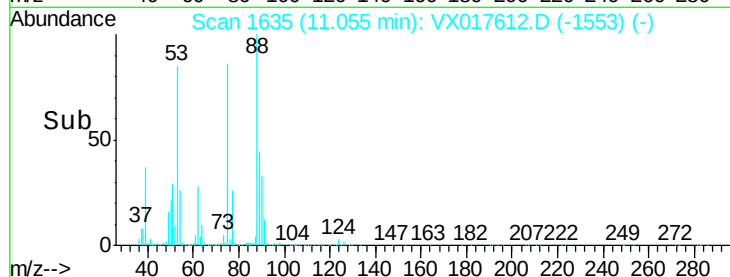
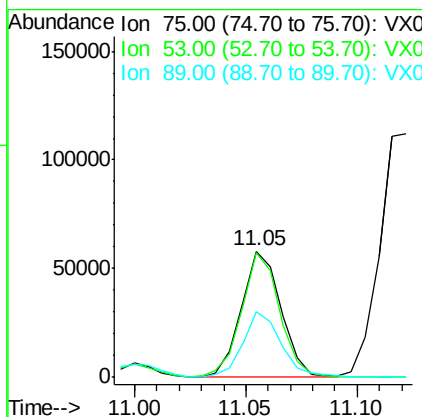
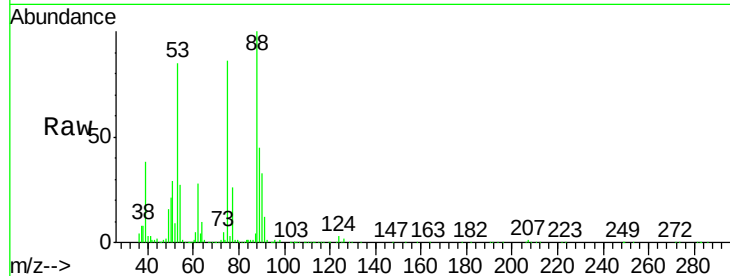
#77
t-1,4-Dichloro-2-butene
Concen: 18.899 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.7	49.0	147.0
89	51.6	24.4	73.2

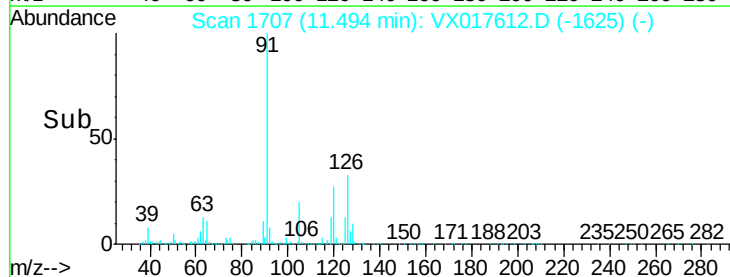
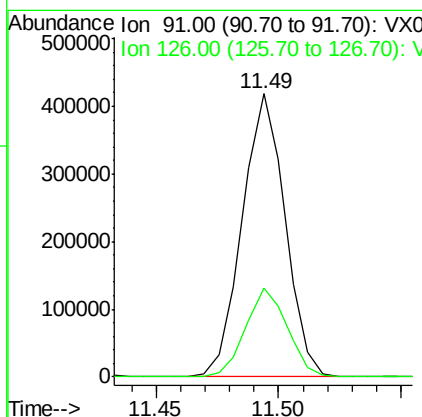
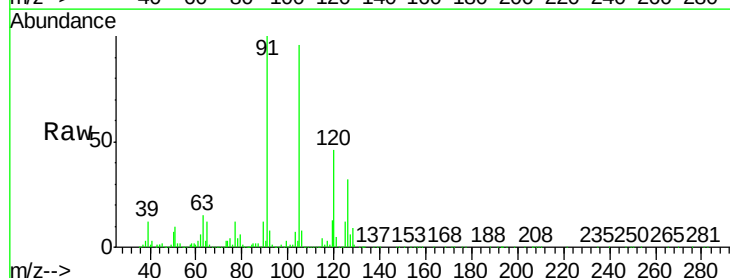
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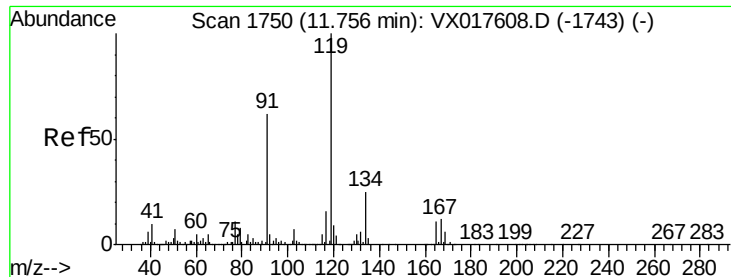
MMDadoda
7/28/2020 10:31:21 AM



#78
4-Chlorotoluene
Concen: 19.290 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	60.8





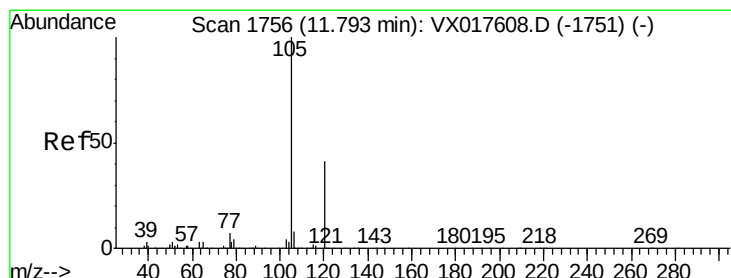
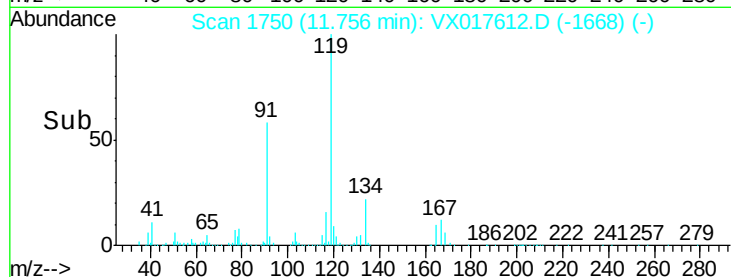
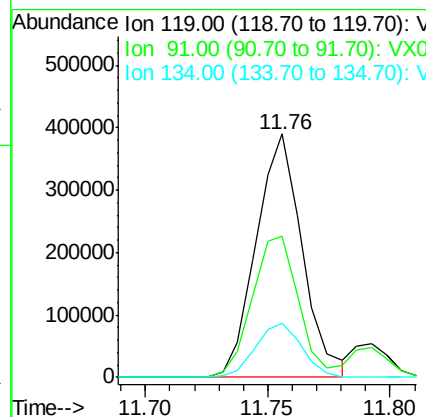
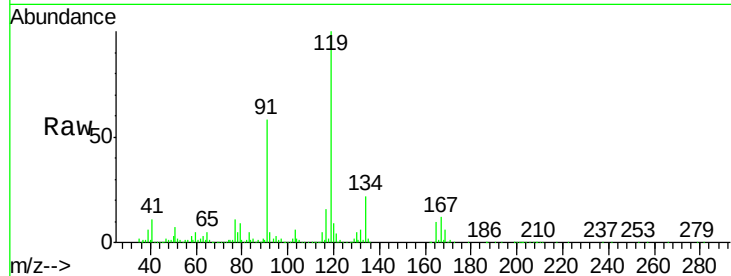
#79
tert-butylbenzene
Concen: 18.888 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	Ratio	Resp	Lower	Upper
119	100	513518		
91	57.8	0.0	121.0	
134	22.6	0.0	45.0	

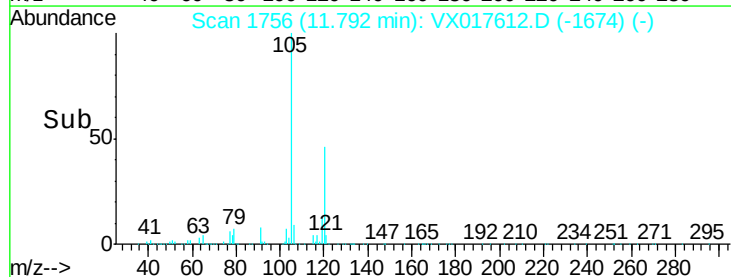
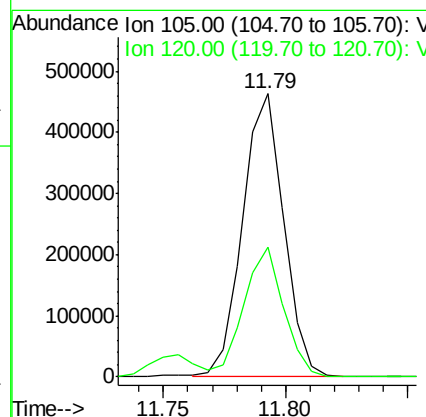
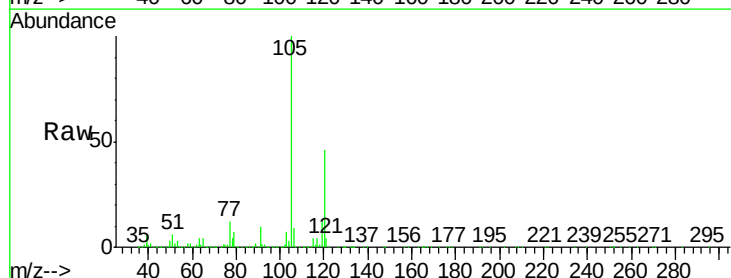
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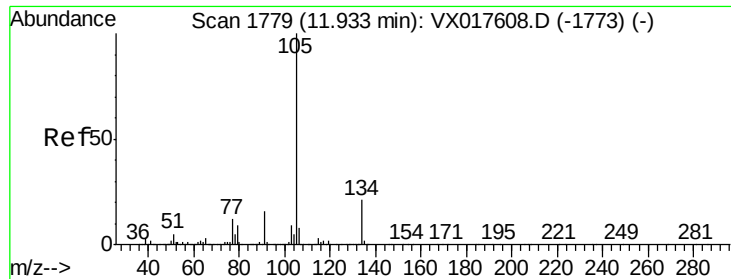
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#80
1,2,4-Trimethylbenzene
Concen: 18.936 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	542218		
120	44.4	0.0	90.0	





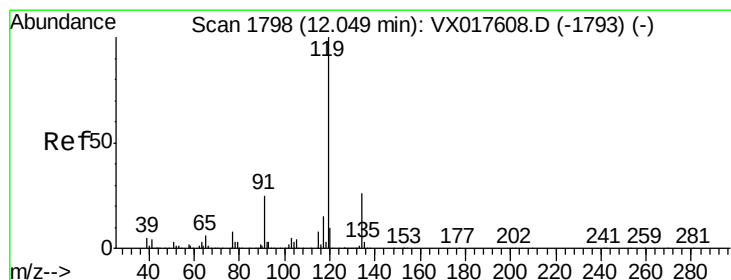
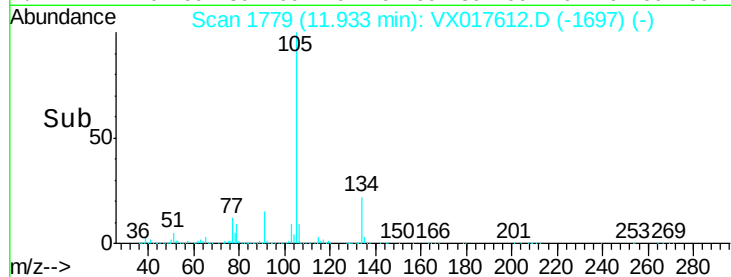
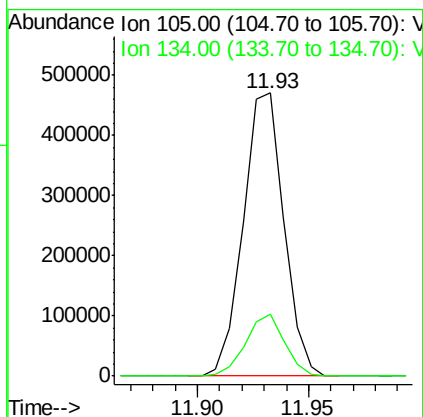
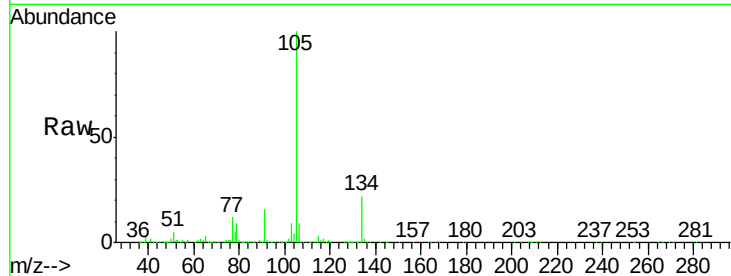
#81
 sec-Butylbenzene
 Concen: 18.537 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Tot Ion	Ratio	Resp	Lower	Upper
105	100	601289		
134	20.9	0.0	41.8	

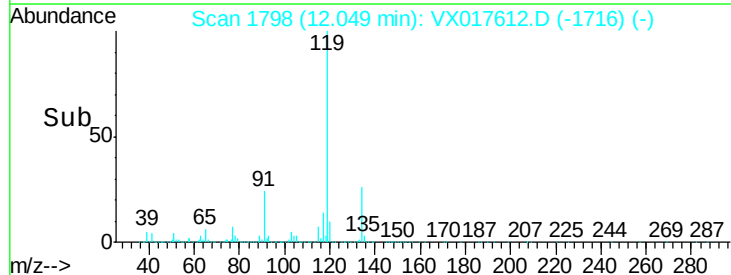
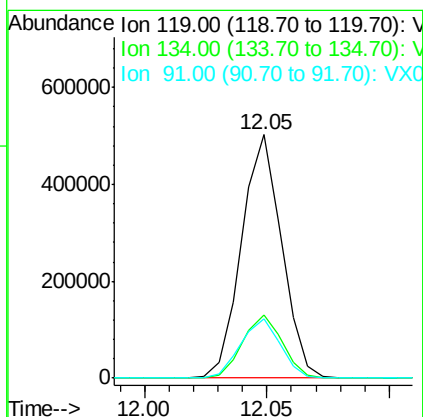
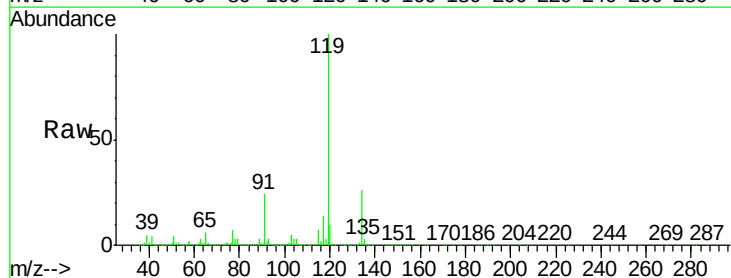
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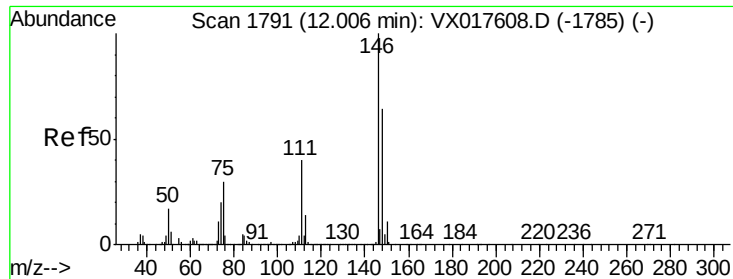
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 7/28/2020 10:31:21 AM



#82
 p-Isopropyltoluene
 Concen: 19.089 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	574707		
134	25.9	0.0	52.6	
91	24.2	0.0	48.2	





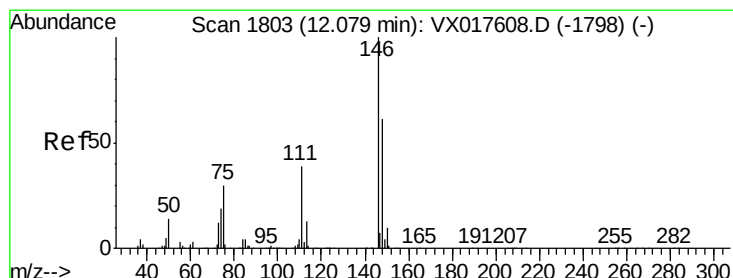
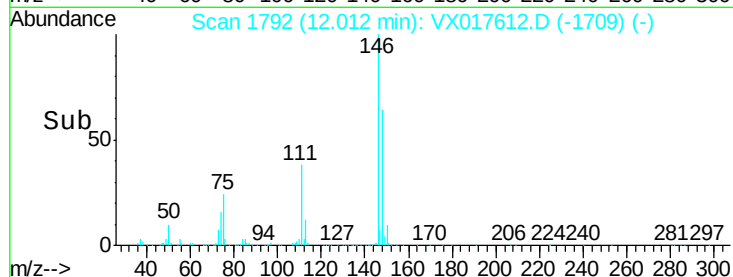
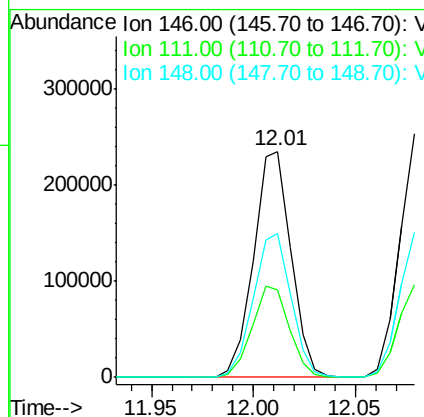
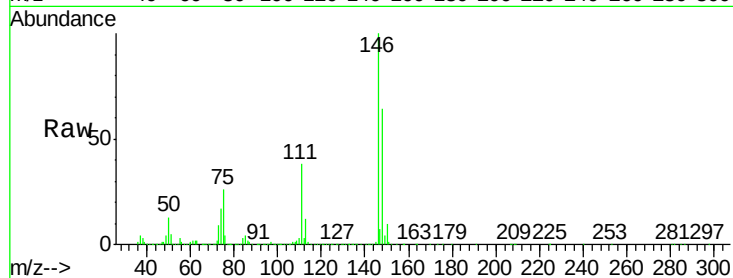
#83
 1,3-Dichlorobenzene
 Concen: 18.937 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.7
148	64.1	32.6	98.0

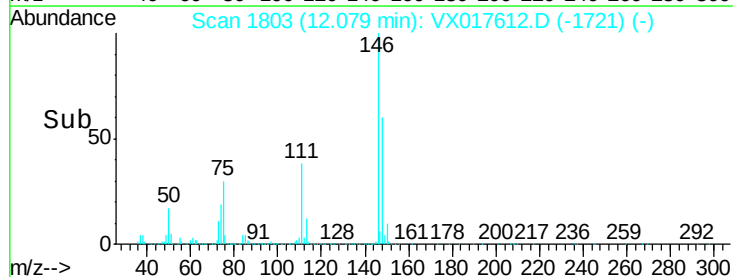
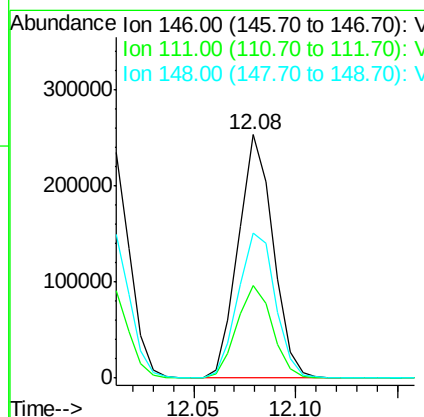
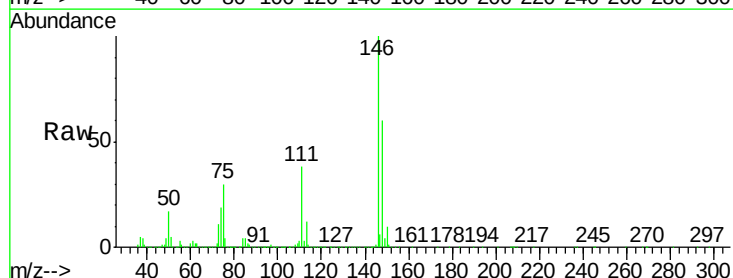
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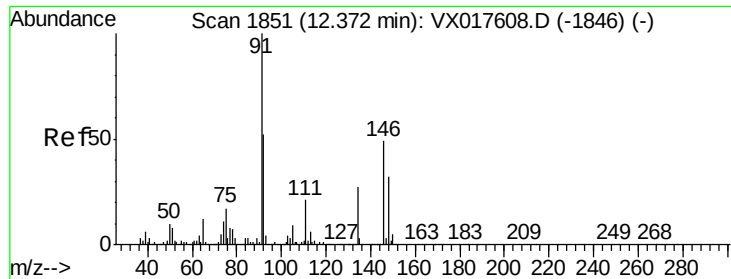
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#84
 1,4-Dichlorobenzene
 Concen: 19.096 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.7	56.1
148	63.6	31.6	94.8





#85

n-Butylbenzene

Concen: 17.871 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Instrument :

MSVOA_X

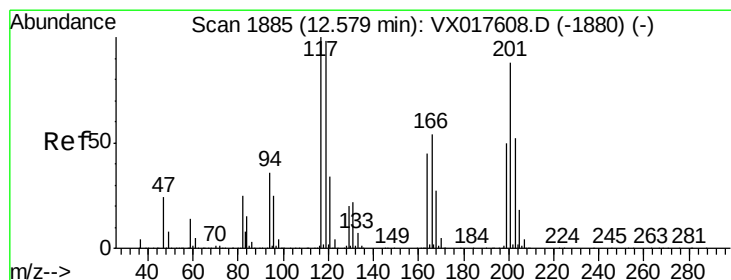
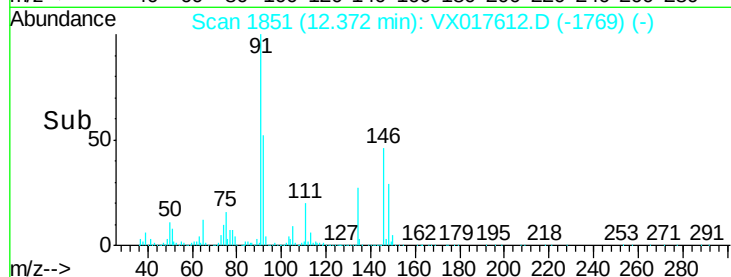
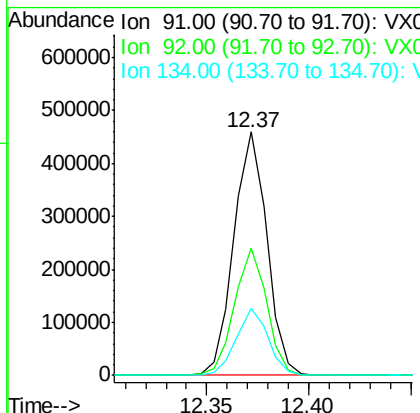
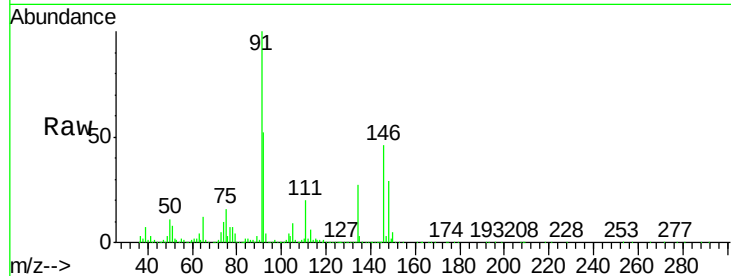
ClientSampleId :

ICVVX072720

Tot Ion:	91	Resp:	513641
Ion	Ratio	Lower	Upper
91	100		
92	51.2	0.0	104.0
134	26.7	0.0	55.0

Manual Integrations
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#86

Hexachloroethane

Concen: 16.978 ug/l

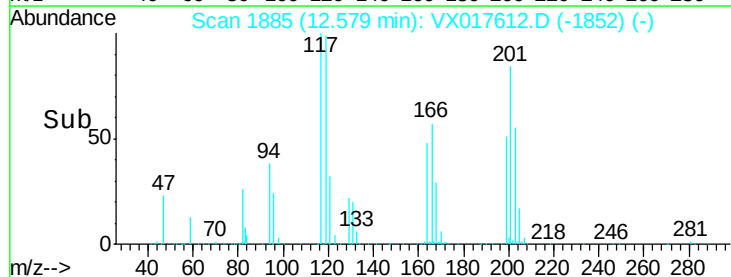
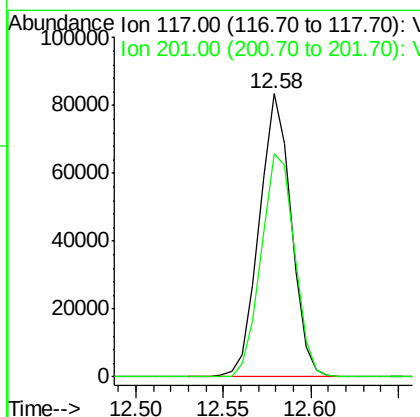
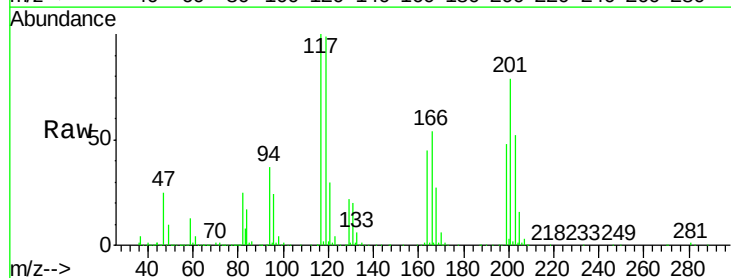
RT: 12.58 min Scan# 1885

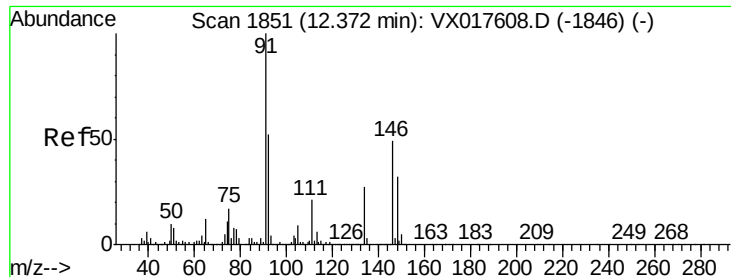
Delta R.T. -0.00 min

Lab File: VX017612.D

Acq: 27 Jul 2020 12:40

Tgt Ion:	117	Resp:	106411
Ion	Ratio	Lower	Upper
117	100		
201	82.2	43.1	129.3





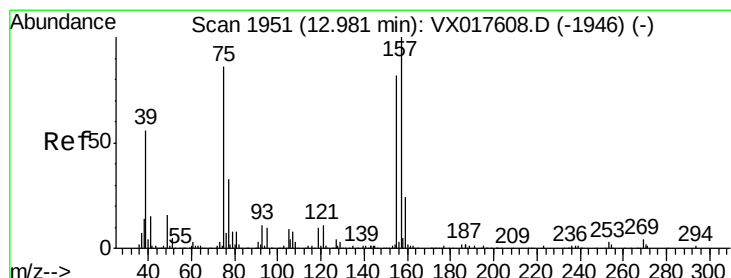
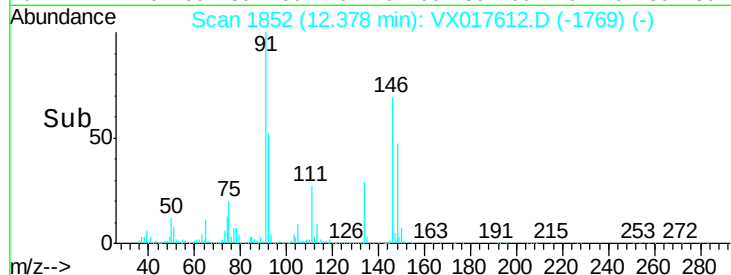
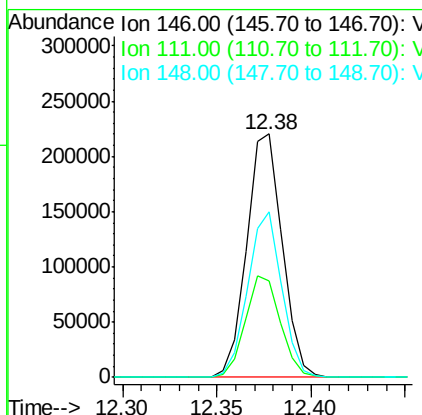
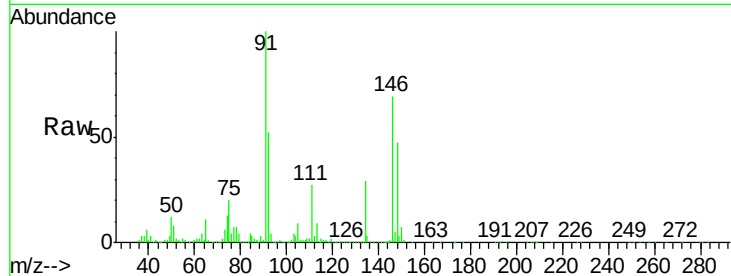
#87
 1,2-Dichlorobenzene
 Concen: 18.098 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.7	62.1
148	65.1	32.3	96.9

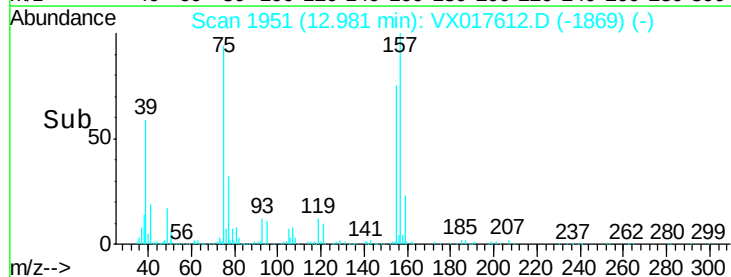
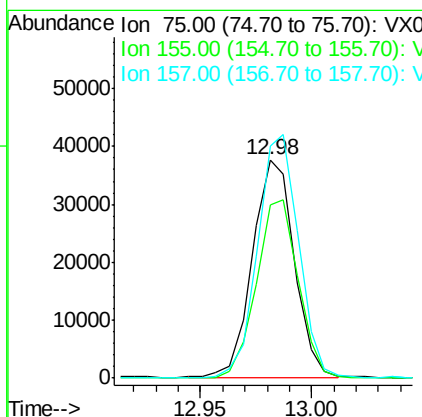
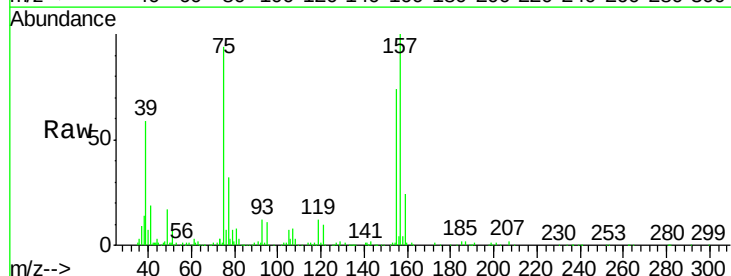
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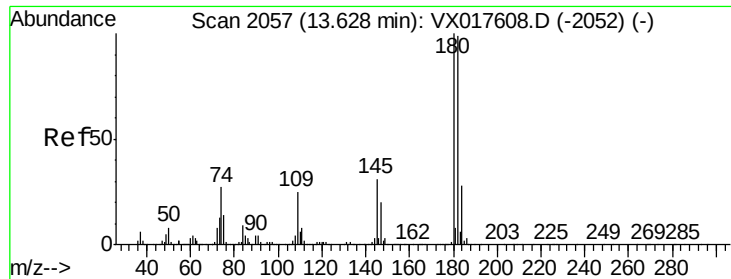
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.688 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	69.5	104.3
157	109.2	88.2	132.4





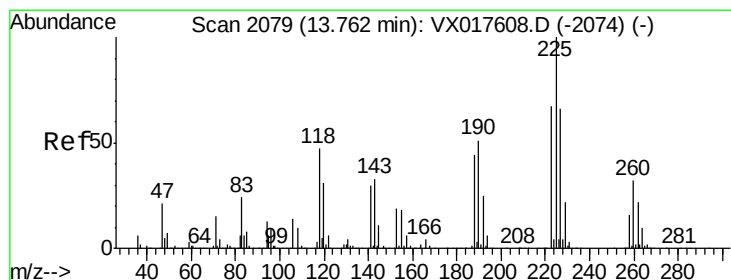
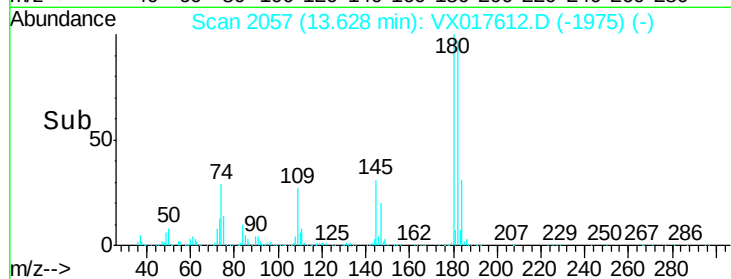
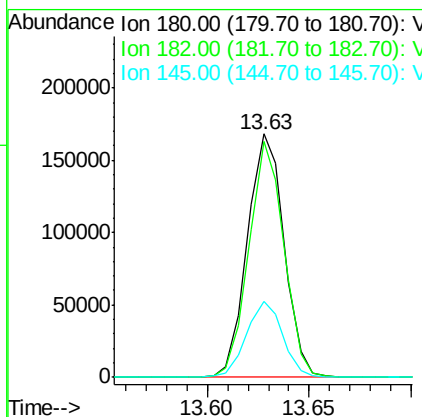
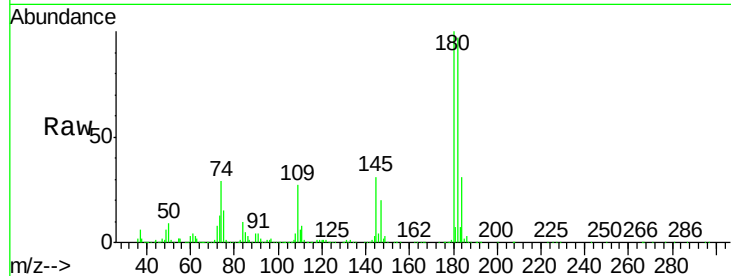
#89
 1,2,4-Trichlorobenzene
 Concen: 18.031 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072720

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.4	116.0
145	30.8	24.9	37.3

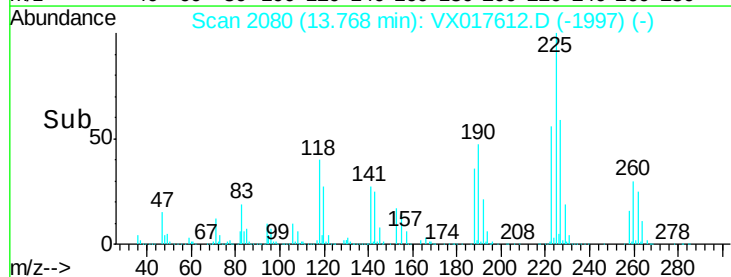
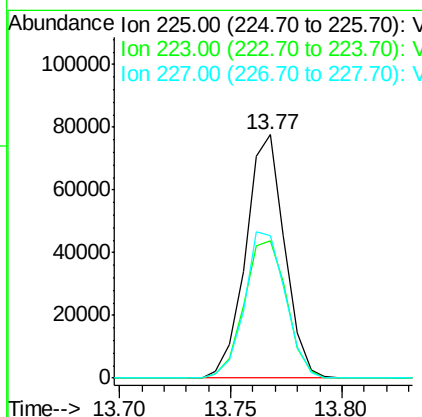
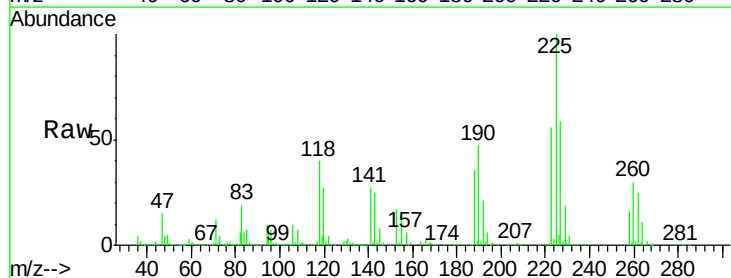
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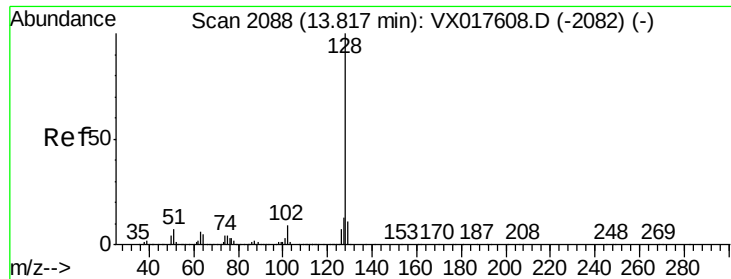
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#90
 Hexachlorobutadiene
 Concen: 17.897 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017612.D
 Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	0.0	130.8
227	62.8	0.0	127.2





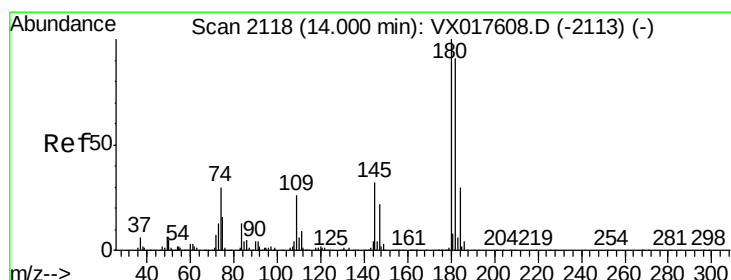
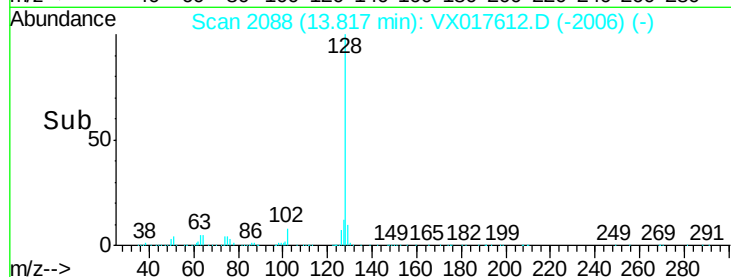
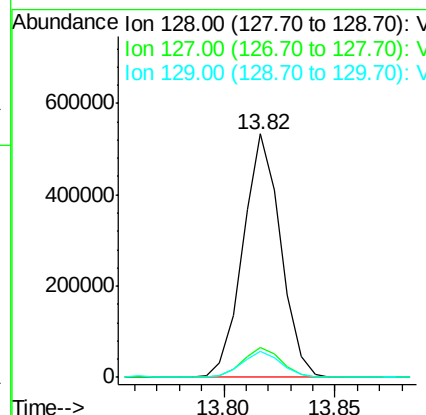
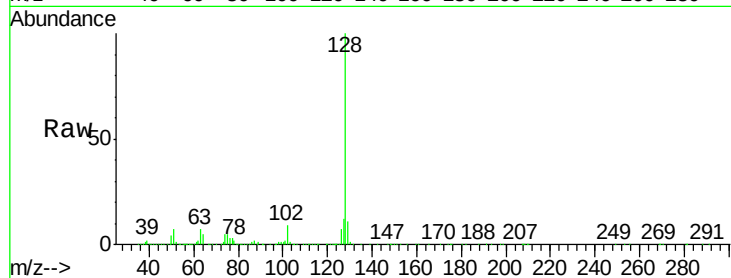
#91
Naphthalene
Concen: 18.223 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072720

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.1	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 19.172 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017612.D
Acq: 27 Jul 2020 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	0.0	190.2
145	32.6	0.0	63.8

