

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017277.D
 Acq On : 08 Jul 2020 23:47
 Operator : JC/SP
 Sample : VX0708WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0708WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 11:00:01 AM

Quant Time: Jul 09 05:28:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49665	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	262674	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	252329	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	109794	28.40	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.67%
60) 4-Bromofluorobenzene	11.12	95	127255	30.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.80%
63) Toluene-d8	8.70	98	321057	28.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	55786	23.099	ug/l 99
3) Chloromethane	1.31	50	59060	18.033	ug/l 99
4) Vinyl Chloride	1.39	62	61607	18.446	ug/l 97
5) Bromomethane	1.63	94	43278	17.996	ug/l 99
6) Chloroethane	1.72	64	41246	19.148	ug/l 95
7) Trichlorofluoromethane	1.92	101	107154	19.728	ug/l 100
8) Diethyl Ether	2.17	74	36924	18.682	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59582	20.668	ug/l 90
10) 1,1-Dichloroethene	2.36	96	59792	21.030	ug/l 95
11) Methyl Iodide	2.49	142	61971	16.324	ug/l 98
12) Methyl Acetate	2.75	43	81453	22.712	ug/l 100
13) Acrolein	2.27	56	50185	88.681	ug/l 98
14) Acrylonitrile	3.12	53	182627	107.515	ug/l 99
15) Acetone	2.42	58	48387	110.075	ug/l 97
16) Carbon Disulfide	2.55	76	165554	18.523	ug/l 98
17) Allyl chloride	2.71	41	104972	19.722	ug/l 97
18) Methylene Chloride	2.84	84	70673	20.637	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	67555	20.971	ug/l 99
20) Diisopropyl ether	3.82	45	212491	19.977	ug/l 98
21) 1,1-Dichloroethane	3.67	63	119288	20.338	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	74808	20.857	ug/l 93
23) tert-Butyl Alcohol	3.01	59	74249	98.679	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	216214	21.298	ug/l 98
25) Chloroform	5.18	83	125903	21.172	ug/l 99
26) Cyclohexane	5.55	56	94210	18.413	ug/l # 96
29) 1,1-Dichloropropene	5.77	75	88772	20.746	ug/l 98
30) 2-Butanone	4.64	43	249213	111.733	ug/l 99
31) 2,2-Dichloropropane	4.55	77	87877	17.907	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	115404	22.288	ug/l 98
33) Carbon Tetrachloride	5.75	117	105944	23.072	ug/l 96
34) Benzene	6.12	78	265434	21.304	ug/l 96
35) Methacrylonitrile	5.01	41	52987	21.526	ug/l 93
36) 1,2-Dichloroethane	6.16	62	102713	21.525	ug/l 99
37) Trichloroethene	7.19	130	78024	22.949	ug/l 87
38) Methylcyclohexane	7.44	83	90869	18.647	ug/l 98
39) 1,2-Dichloropropane	7.49	63	65675	20.232	ug/l 98
40) Dibromomethane	7.64	93	48263	21.573	ug/l 89

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 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	100200	21.629	ug/l	91
42) Vinyl Acetate	3.79	43	927029	103.139	ug/l	99
43) Ethyl Acetate	4.80	43	97721	21.151	ug/l	100
44) Isopropyl Acetate	6.42	43	153711	20.185	ug/l	97
45) 1,4-Dioxane	7.71	88	30387	395.528	ug/l	96
46) Methyl methacrylate	7.74	41	74144	21.039	ug/l	96
47) n-amyl Acetate	10.88	43	132149	19.632	ug/l	94
48) t-1,3-Dichloropropene	9.02	75	105547	20.606	ug/l	95
49) cis-1,3-Dichloropropene	8.42	75	112926	20.978	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	69558	22.278	ug/l	99
51) Ethyl methacrylate	9.16	69	101360	21.153	ug/l	96
52) 1,3-Dichloropropane	9.35	76	117452	21.911	ug/l	98
53) Dibromochloromethane	9.57	129	82989	23.125	ug/l	99
54) 1,2-Dibromoethane	9.65	107	75208	22.700	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	242824	96.300	ug/l	97
56) Bromoform	10.84	173	65326	25.644	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	488988	105.205	ug/l	97
59) 2-Hexanone	9.47	43	370525	106.815	ug/l	97
61) Tetrachloroethene	9.32	164	79105	24.582	ug/l	88
62) Toluene	8.76	91	286846	20.784	ug/l	100
64) Chlorobenzene	10.12	112	187639	21.701	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	74574	22.911	ug/l	98
66) Ethyl Benzene	10.23	91	313512	20.485	ug/l	99
67) m/p-Xylenes	10.34	106	247108	42.800	ug/l	97
68) o-Xylene	10.68	106	117399	21.168	ug/l	98
69) Styrene	10.70	104	206403	21.736	ug/l	96
70) Isopropylbenzene	11.00	105	315767	20.992	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	100729	21.804	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	100515m	22.657	ug/l	
73) Bromobenzene	11.24	156	89267	23.514	ug/l	94
74) n-propylbenzene	11.34	91	363090	20.330	ug/l	99
75) 2-Chlorotoluene	11.40	91	223696	21.479	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	271447	21.499	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	35055	19.498	ug/l	97
78) 4-Chlorotoluene	11.49	91	264023	21.411	ug/l	99
79) tert-butylbenzene	11.76	119	262181	21.676	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	274000	21.616	ug/l	97
81) sec-Butylbenzene	11.93	105	298952	20.414	ug/l	99
82) p-Isopropyltoluene	12.05	119	277921	21.019	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	158958	23.366	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	161699	23.656	ug/l	98
85) n-Butylbenzene	12.37	91	227046	18.551	ug/l	98
86) Hexachloroethane	12.58	117	53910	20.833	ug/l	86
87) 1,2-Dichlorobenzene	12.38	146	149705	23.510	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	25440	24.204	ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	97859	22.779	ug/l	99
90) Hexachlorobutadiene	13.76	225	38941	23.828	ug/l	99
91) Naphthalene	13.82	128	321749	22.849	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	99462	23.724	ug/l	98

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ClientSampleId :
VX0708WBSD02

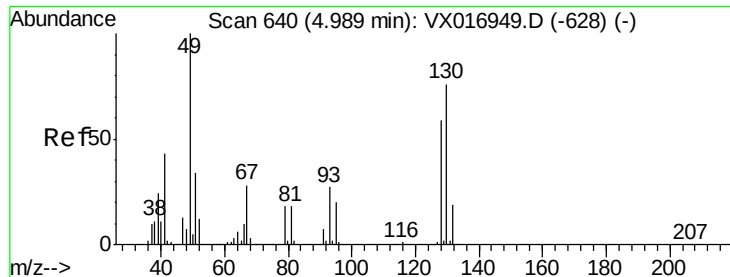
Manual Integrations
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7/9/2020 11:00:01 AM

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QLast Update : Fri Jun 26 09:03:25 2020
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. -0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

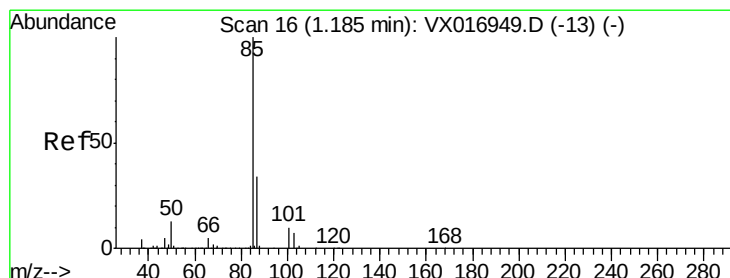
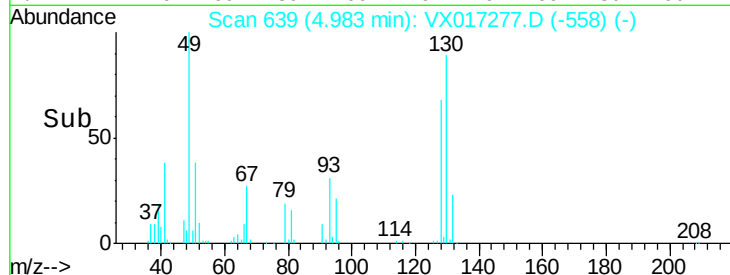
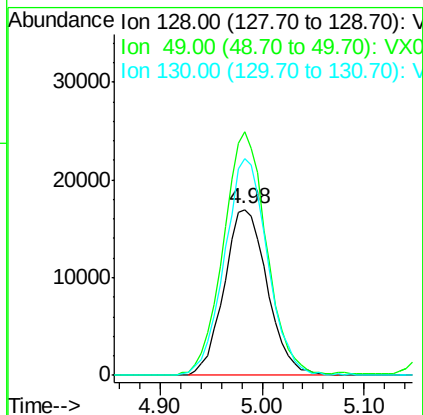
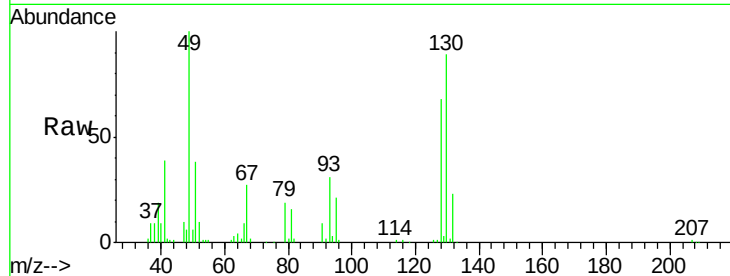
ClientSampleId :

VX0708WBSD02

Tot Ion:	128	Resp:	49665
Ion	Ratio	Lower	Upper
128	100		
49	147.3	0.0	428.0
130	131.0	0.0	318.0

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#2

Dichlorodifluoromethane

Concen: 23.099 ug/l

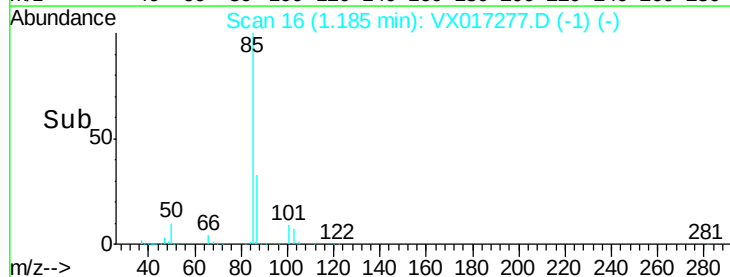
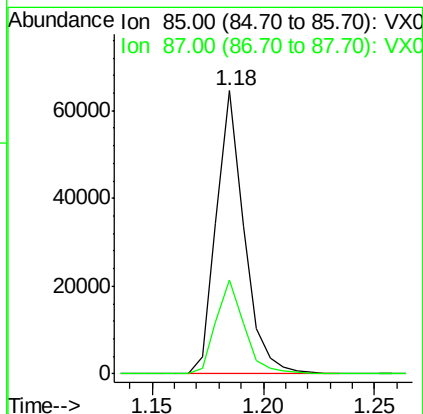
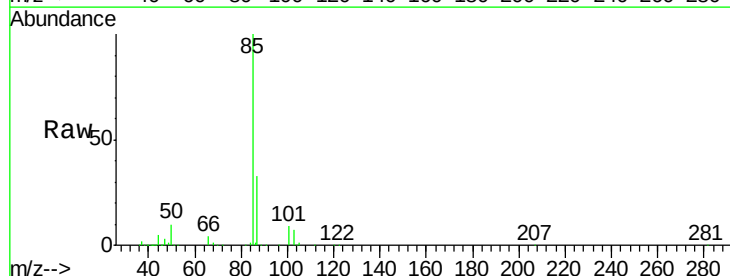
RT: 1.18 min Scan# 16

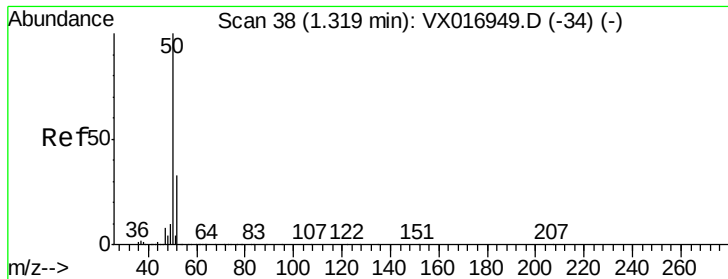
Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Tgt Ion:	85	Resp:	55786
Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.9	50.7





#3

Chloromethane

Concen: 18.033 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

Tot Ion: 50 Resp: 59060

Ion Ratio Lower Upper

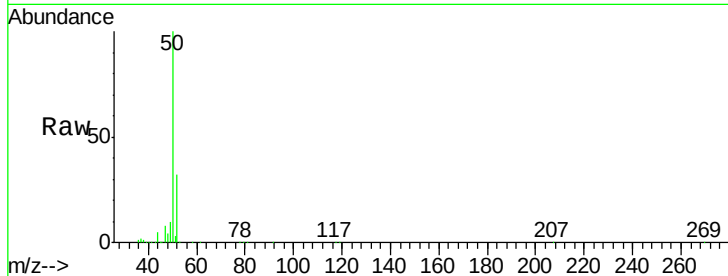
50 100

52 32.5 26.5 39.7

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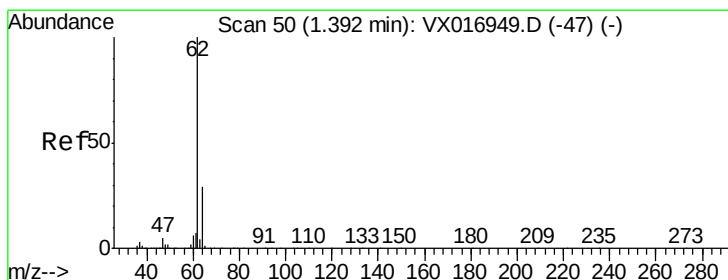
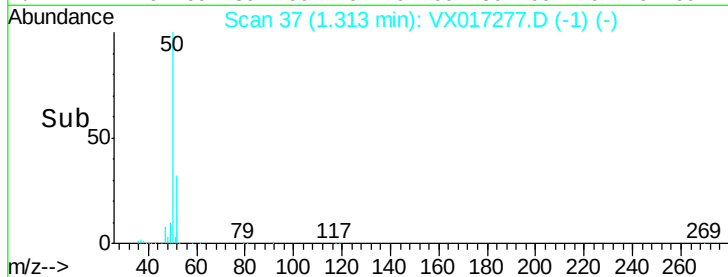
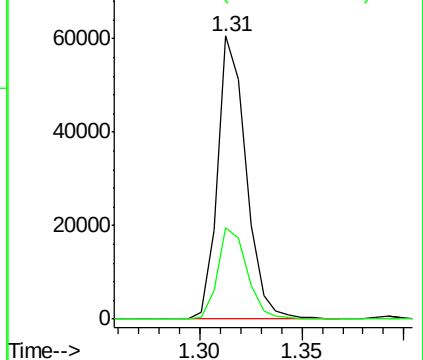
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.446 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017277.D

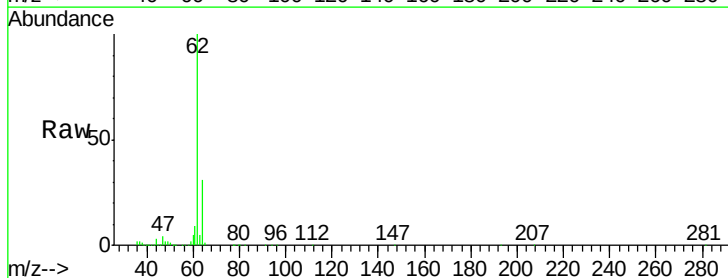
Acq: 08 Jul 2020 23:47

Tgt Ion: 62 Resp: 61607

Ion Ratio Lower Upper

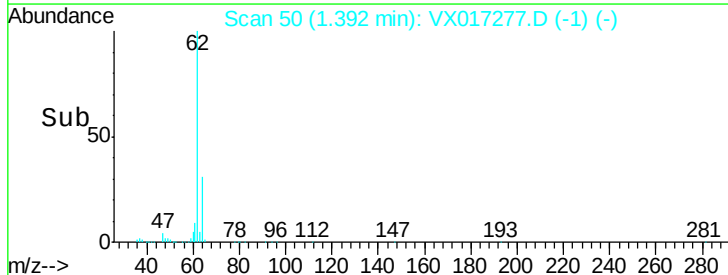
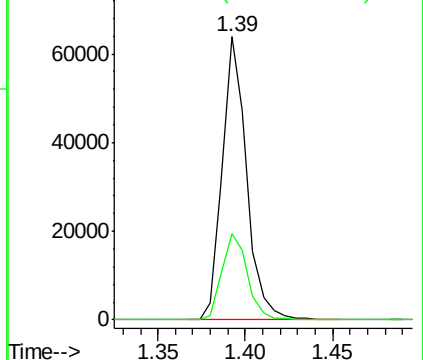
62 100

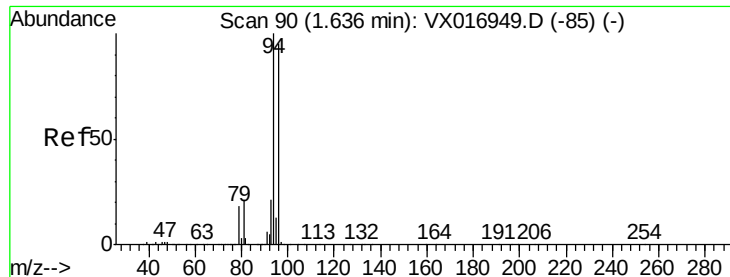
64 30.7 23.4 35.0



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 17.996 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

Tot Ion: 94 Resp: 43278

Ion Ratio Lower Upper

94 100

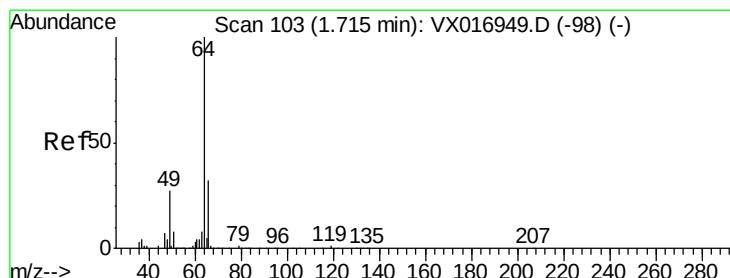
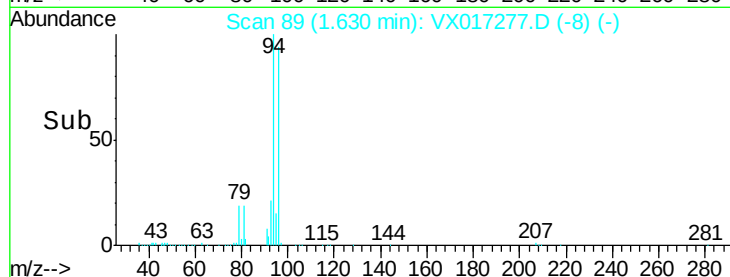
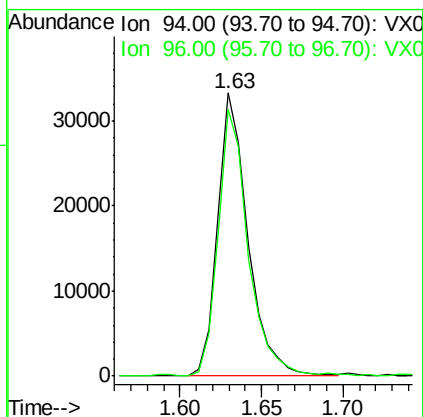
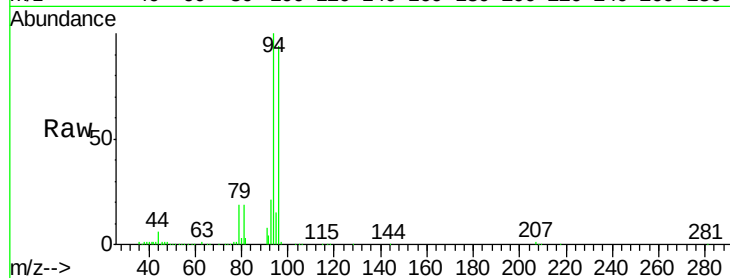
96 93.9 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 19.148 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017277.D

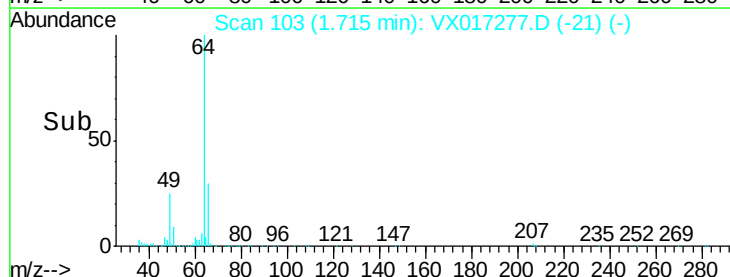
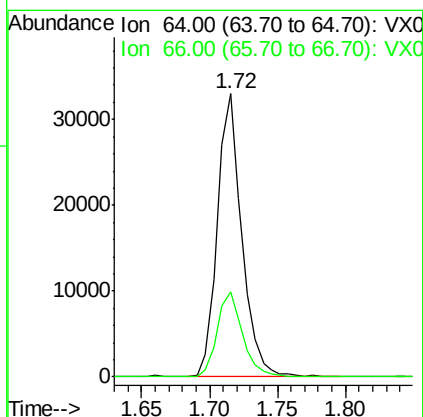
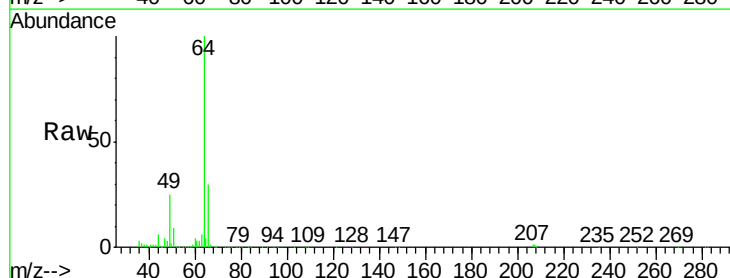
Acq: 08 Jul 2020 23:47

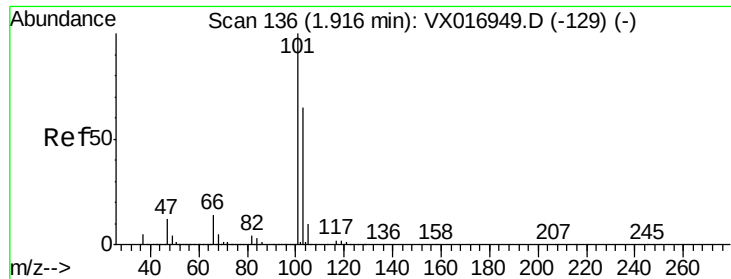
Tgt Ion: 64 Resp: 41246

Ion Ratio Lower Upper

64 100

66 29.8 26.1 39.1





#7

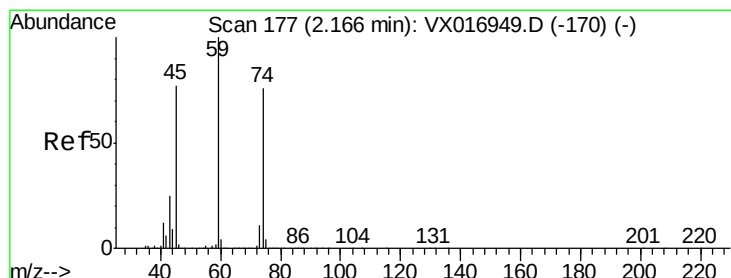
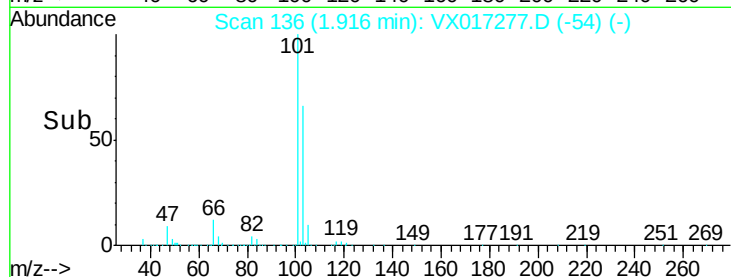
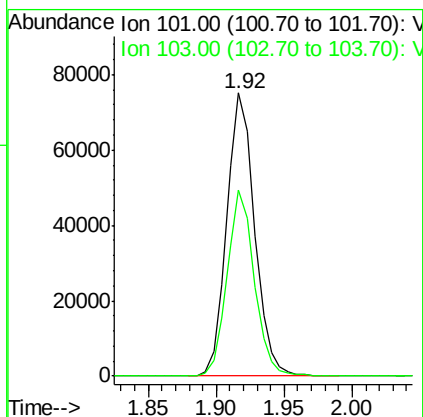
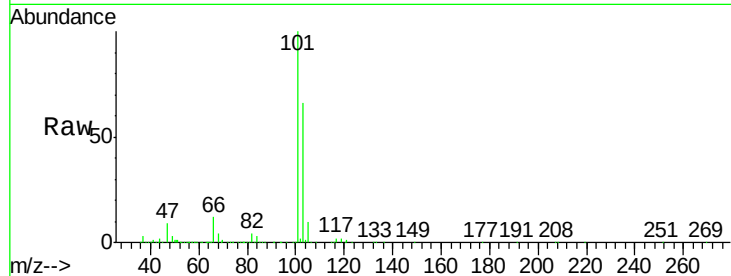
Trichlorofluoromethane
Concen: 19.728 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
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ClientSampleId :
VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.1	78.1

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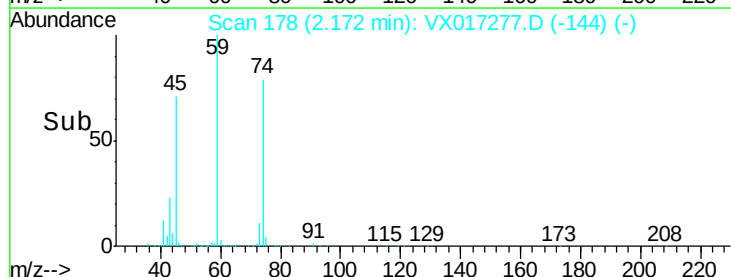
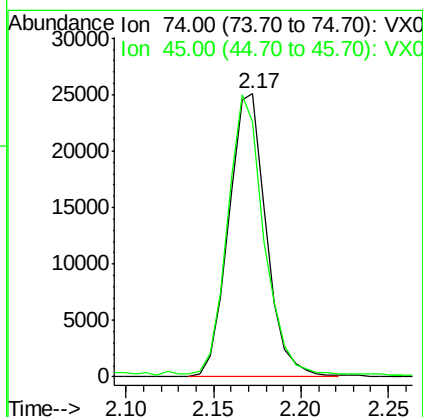
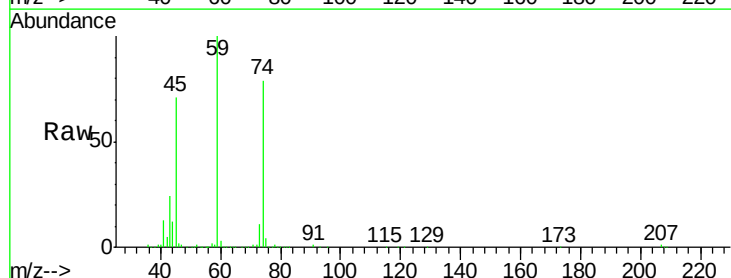
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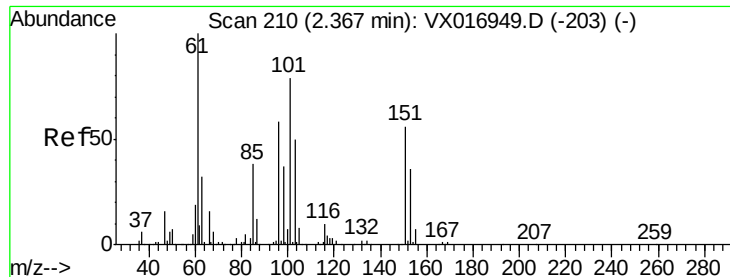


#8

Diethyl Ether
Concen: 18.682 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	19.8	178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.668 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

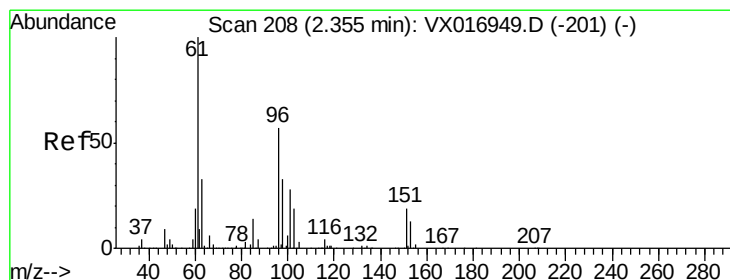
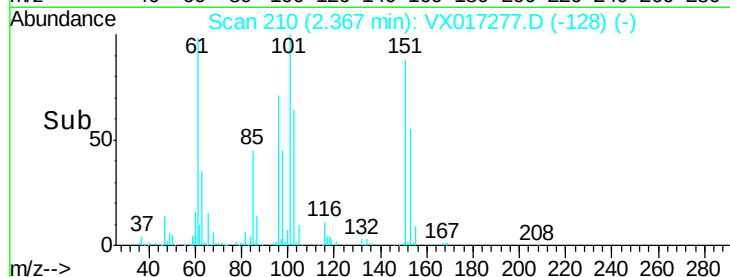
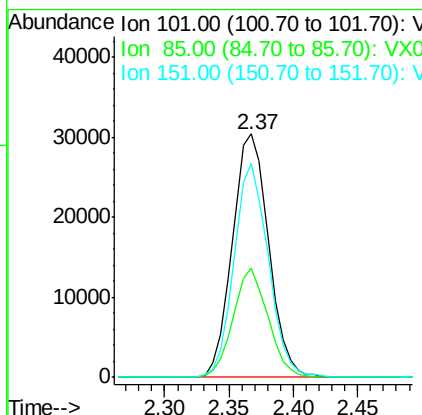
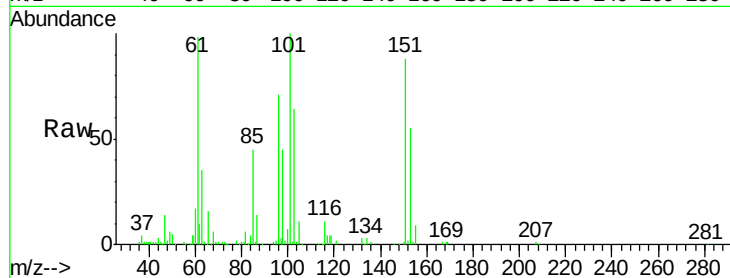
ClientSampleId :

VX0708WBSD02

Tot Ion:	101	Resp:	59582
Ion Ratio	Lower	Upper	
101	100		
85	43.0	0.0	94.6
151	83.1	0.0	145.8

Manual Integrations
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7/9/2020 11:00:01 AM



#10

1,1-Dichloroethene

Concen: 21.030 ug/l

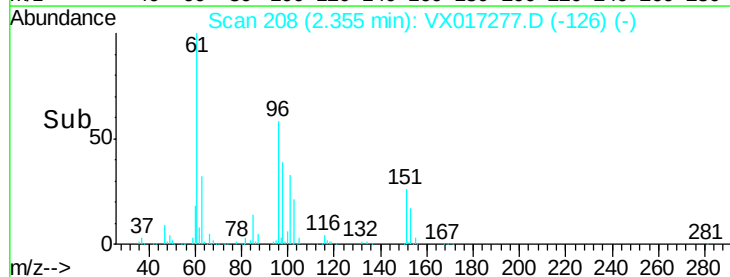
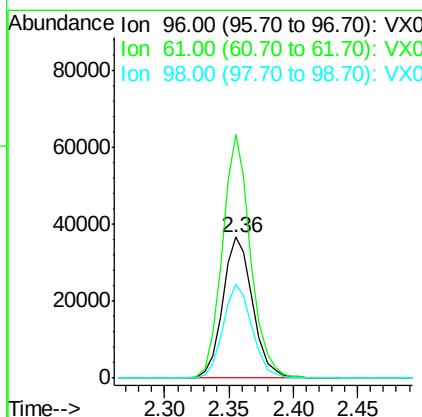
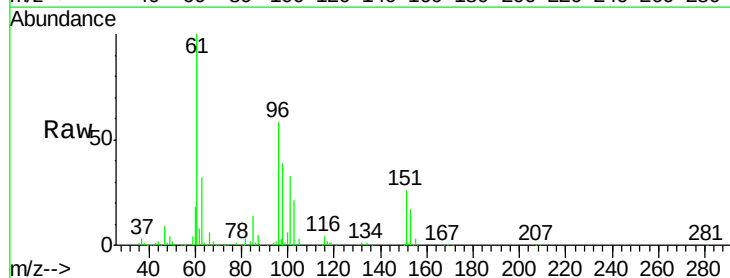
RT: 2.36 min Scan# 208

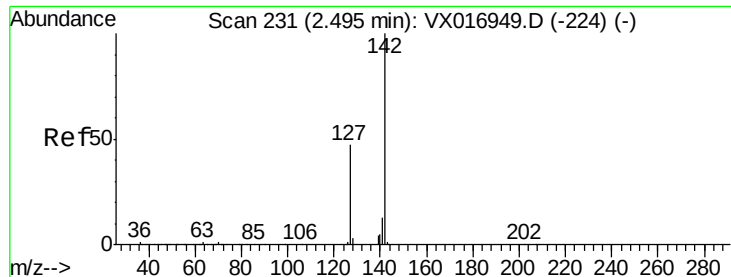
Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Tgt Ion:	96	Resp:	59792
Ion Ratio	Lower	Upper	
96	100		
61	172.7	141.3	211.9
98	66.5	47.0	70.4





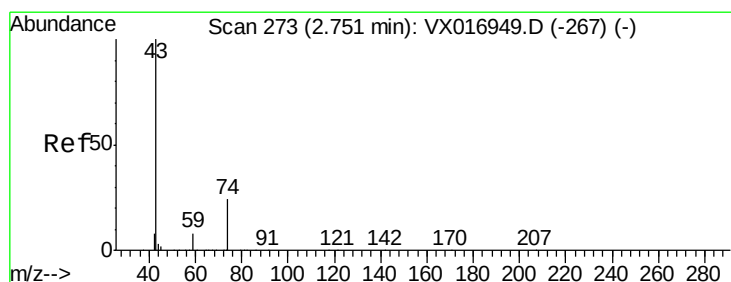
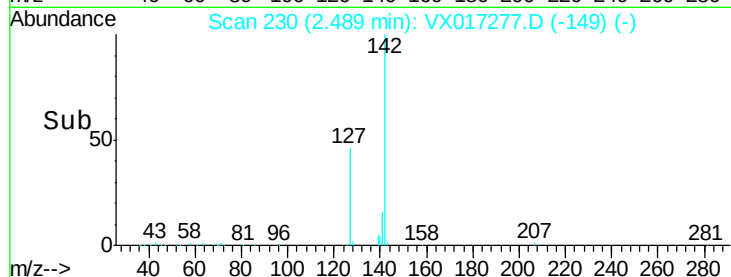
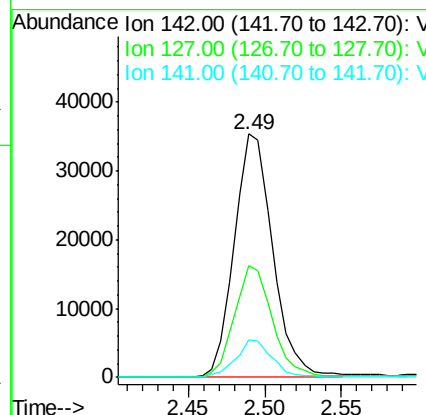
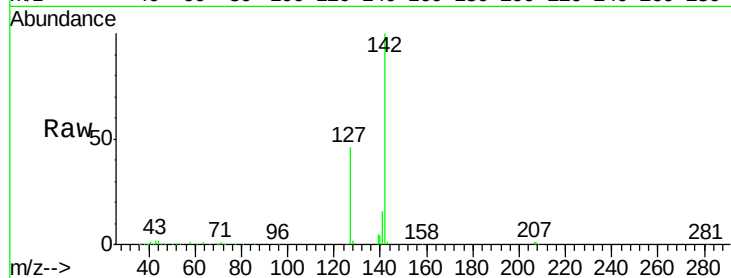
#11
Methvl Iodide
Concen: 16.324 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.0	23.3	69.9
141	15.7	6.7	20.1

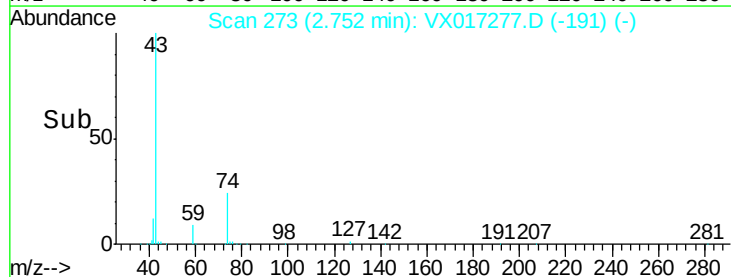
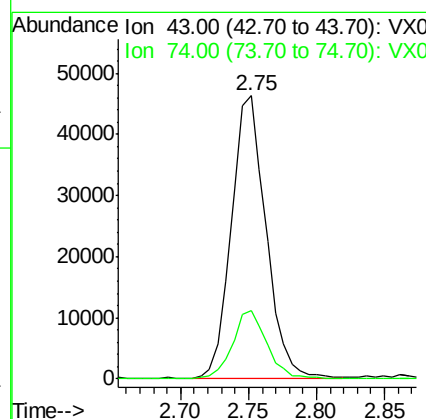
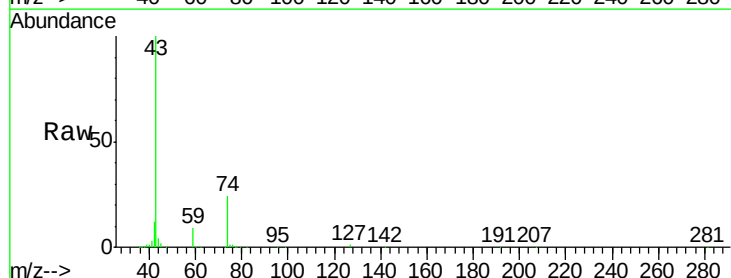
Manual Integrations
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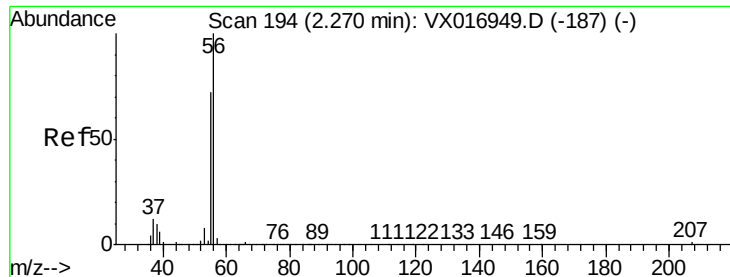
MMDadoda
7/9/2020 11:00:01 AM



#12
Methyl Acetate
Concen: 22.712 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.1	28.7





#13

Acrolein

Concen: 88.681 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

Tot Ion: 56 Resp: 50185

Ion Ratio Lower Upper

56 100

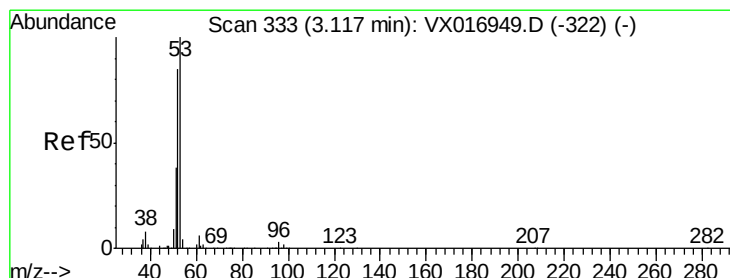
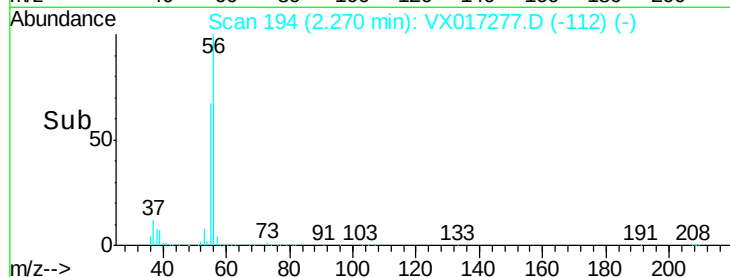
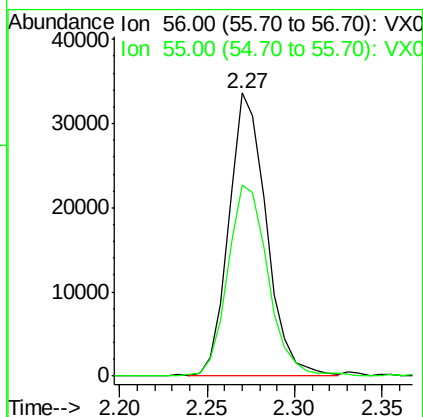
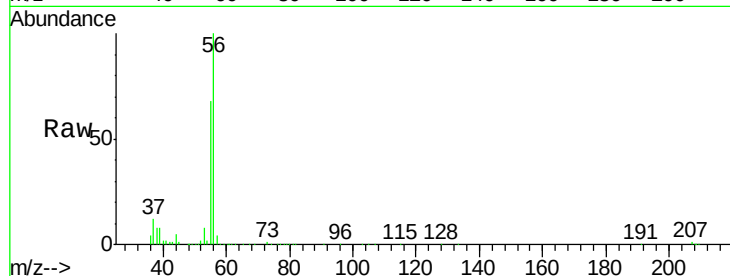
55 71.8 56.2 84.4

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#14

Acrylonitrile

Concen: 107.515 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

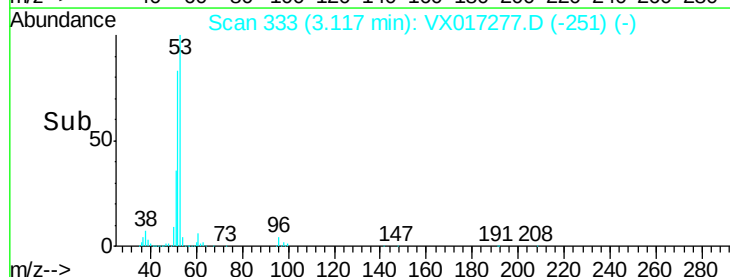
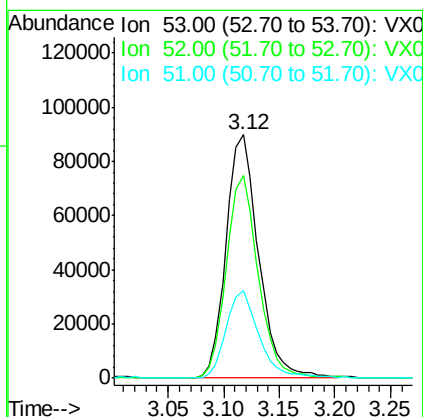
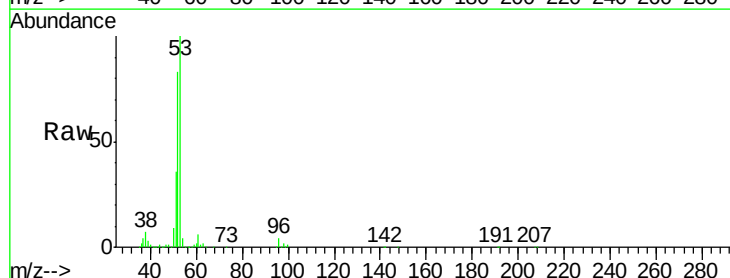
Tgt Ion: 53 Resp: 182627

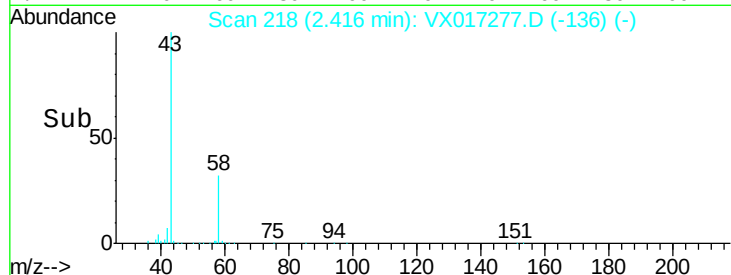
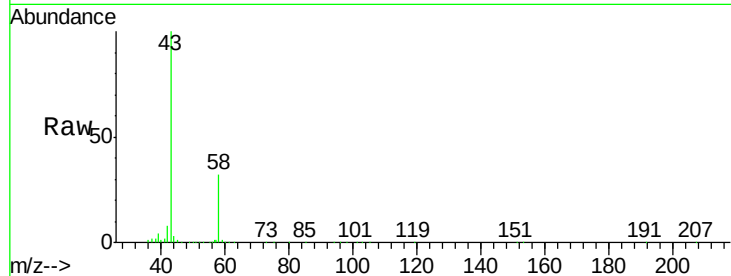
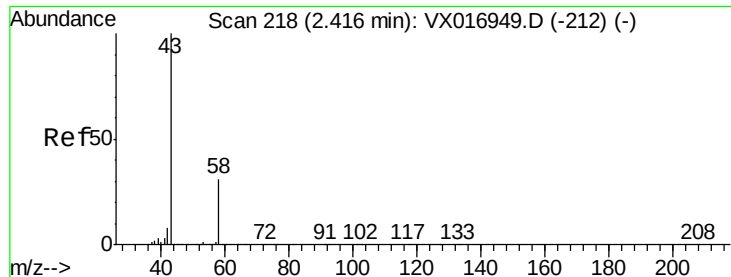
Ion Ratio Lower Upper

53 100

52 81.5 40.6 121.8

51 36.4 18.4 55.4





#15

Acetone

Concen: 110.075 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Tot Ion: 58 Resp: 48387

Ion Ratio Lower Upper

58 100

43 315.4 257.6 386.4

Instrument :

MSVOA_X

ClientSampleId :

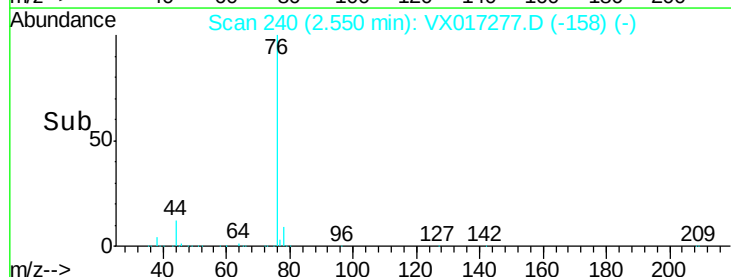
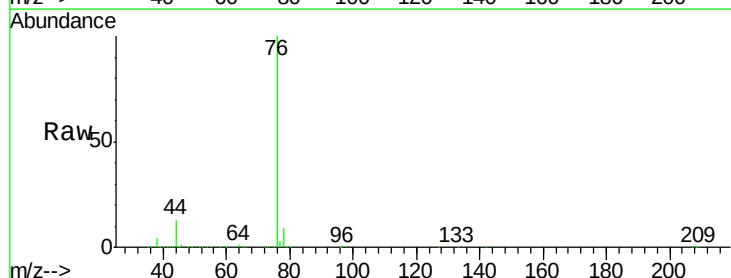
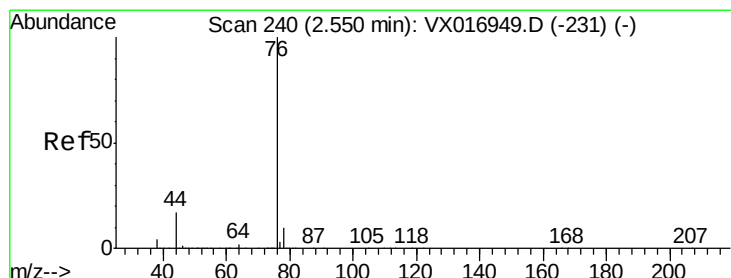
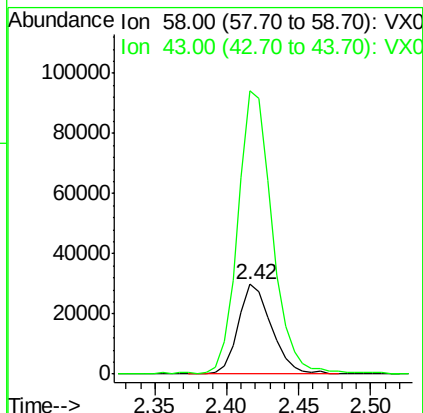
VX0708WBSD02

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#16

Carbon Disulfide

Concen: 18.523 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017277.D

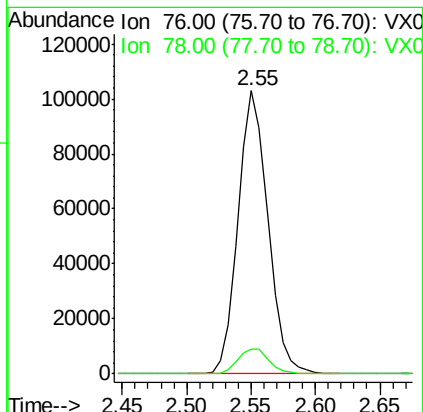
Acq: 08 Jul 2020 23:47

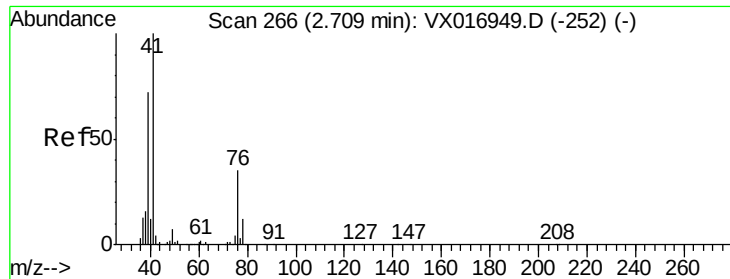
Tgt Ion: 76 Resp: 165554

Ion Ratio Lower Upper

76 100

78 8.8 7.6 11.4





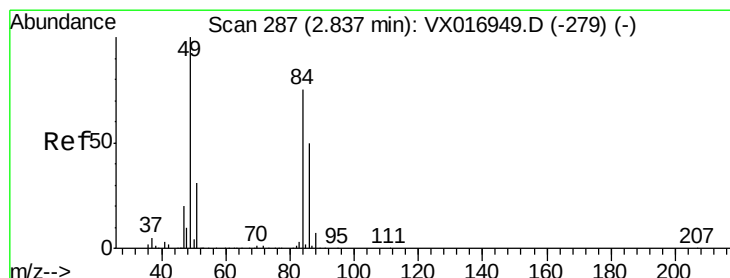
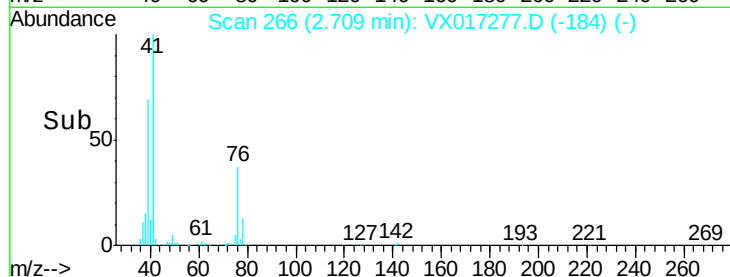
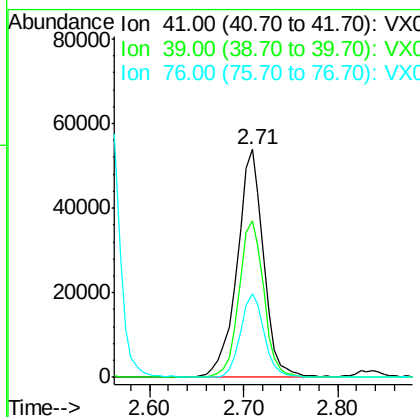
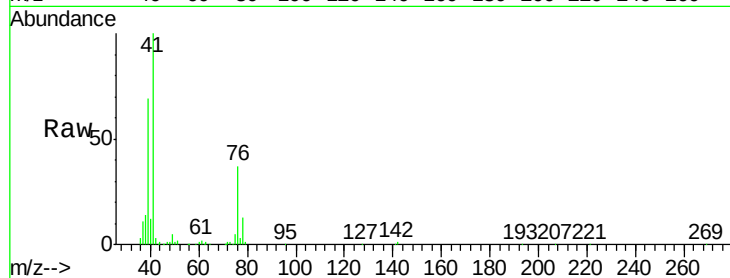
#17
Allvl chloride
Concen: 19.722 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.6	35.9	107.8
76	36.6	17.6	52.8

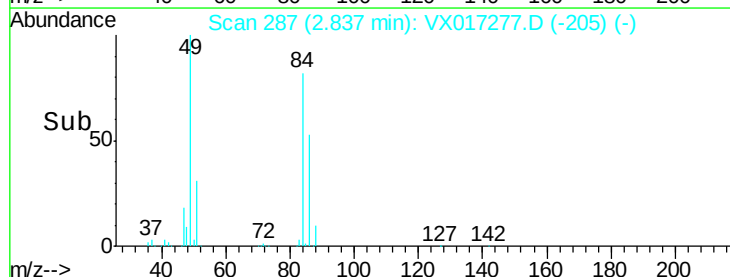
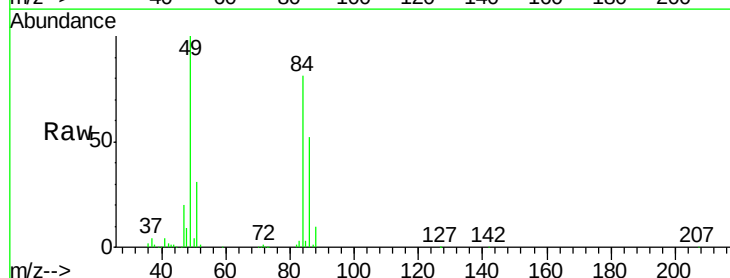
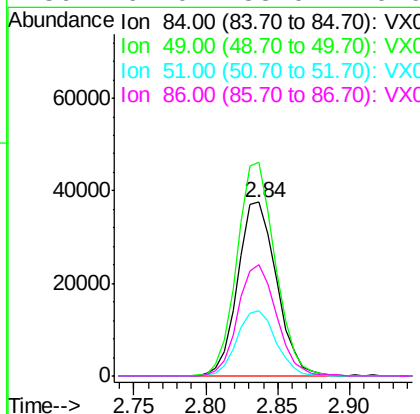
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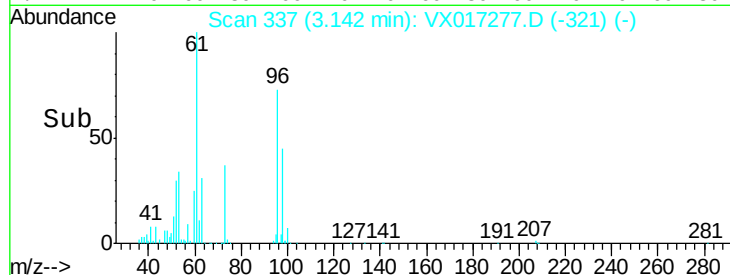
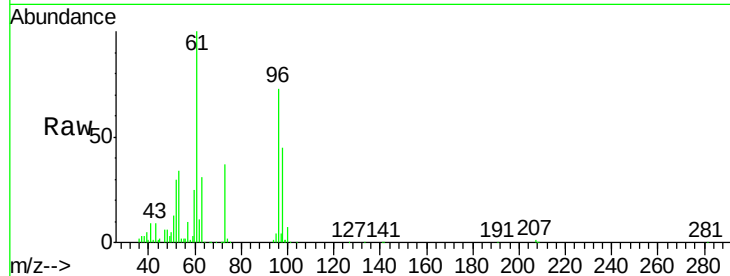
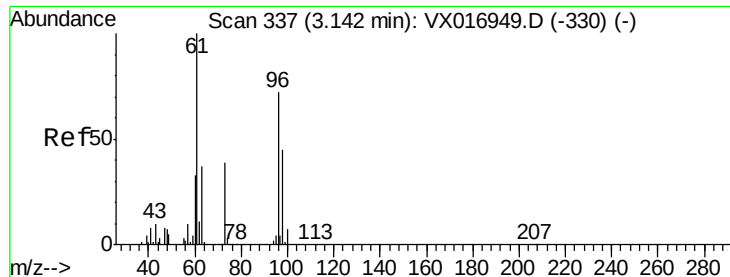
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#18
Methylene Chloride
Concen: 20.637 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	106.6	159.8
51	37.3	32.7	49.1
86	64.0	53.0	79.6





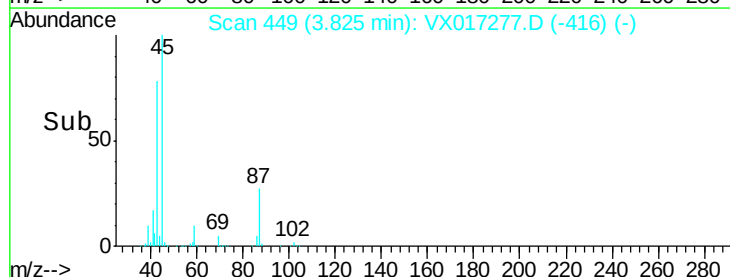
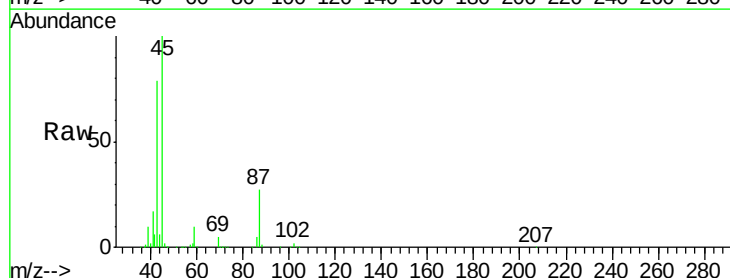
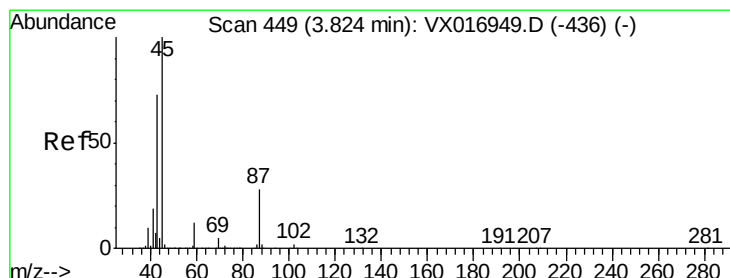
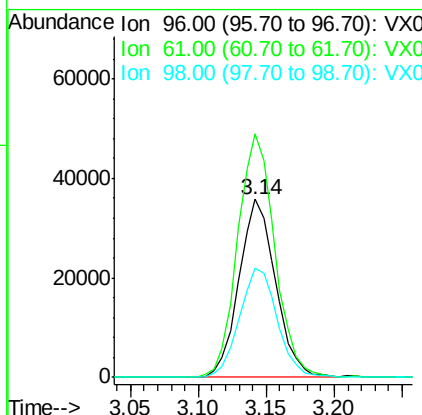
#19
trans-1,2-Dichloroethene
Concen: 20.971 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	136.2	110.6	165.8	
98	61.5	49.8	74.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

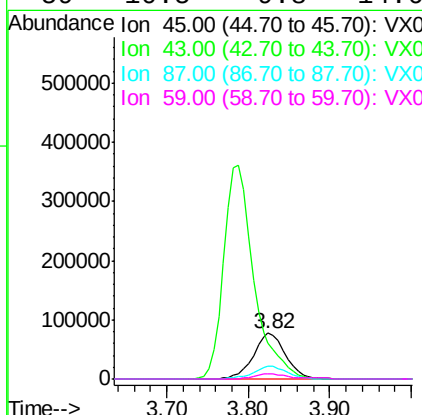
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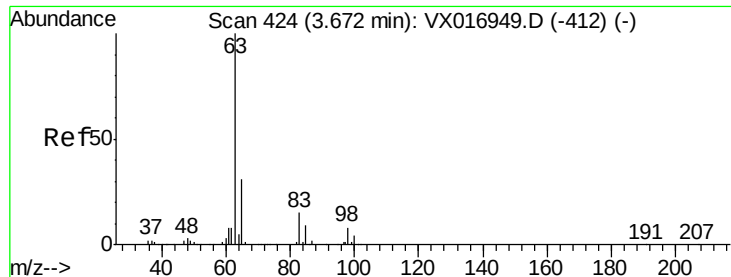
MMDadoda
7/9/2020 11:00:01 AM



#20
Diisopropyl ether
Concen: 19.977 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	78.4	63.9	95.9	
87	26.7	22.2	33.4	
59	10.5	9.8	14.6	





#21

1,1-Dichloroethane

Concen: 20.338 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

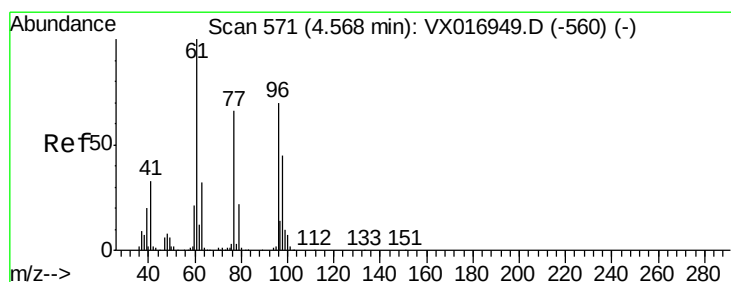
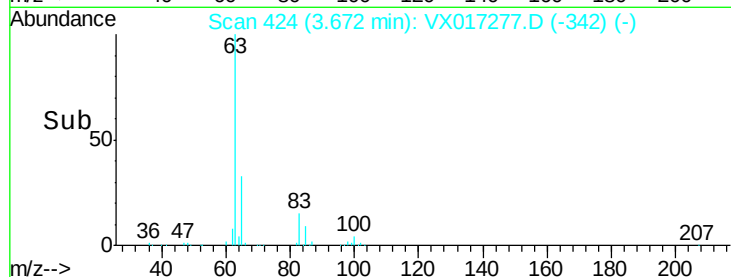
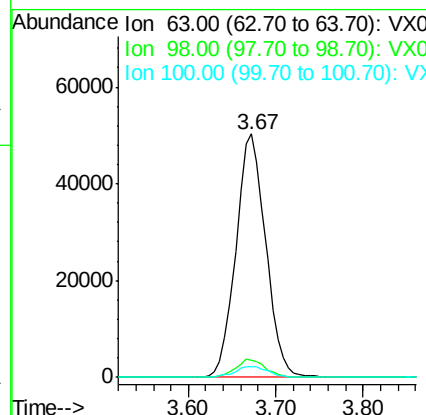
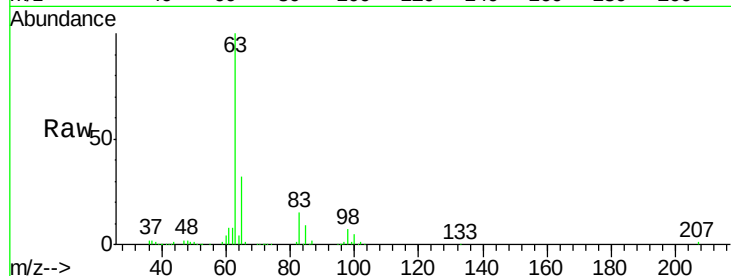
ClientSampleId :

VX0708WBSD02

Tot Ion:	63	Resp:	119288
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.8	11.4
100	4.6	2.2	6.6

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#22

cis-1,2-Dichloroethene

Concen: 20.857 ug/l

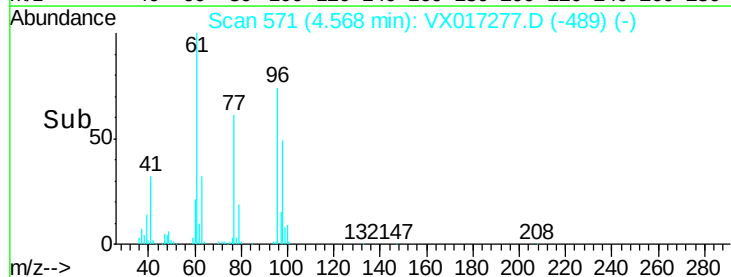
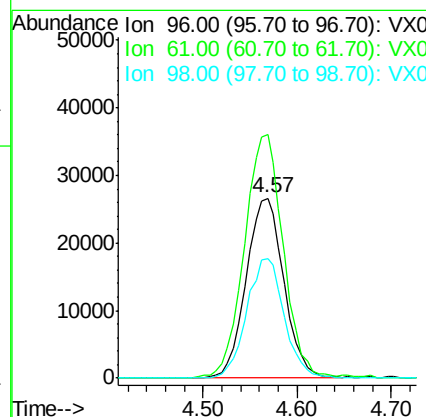
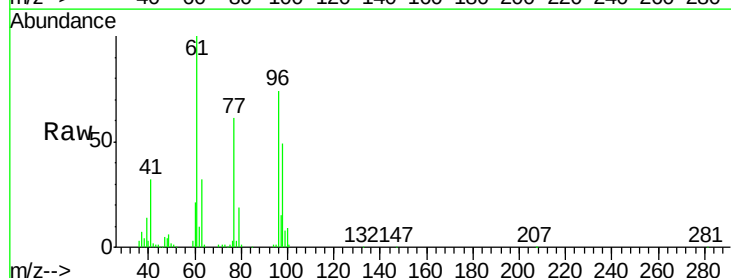
RT: 4.57 min Scan# 571

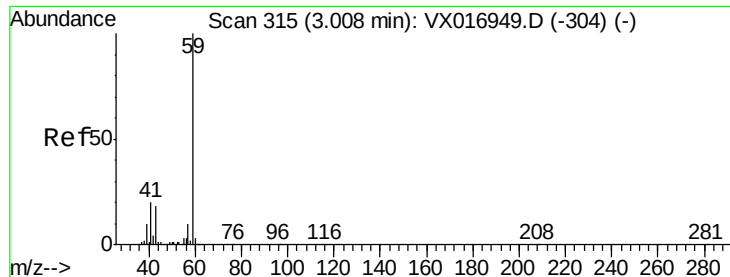
Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Tgt Ion:	96	Resp:	74808
Ion Ratio	Lower	Upper	
96	100		
61	138.2	120.8	181.2
98	65.7	51.7	77.5





#23

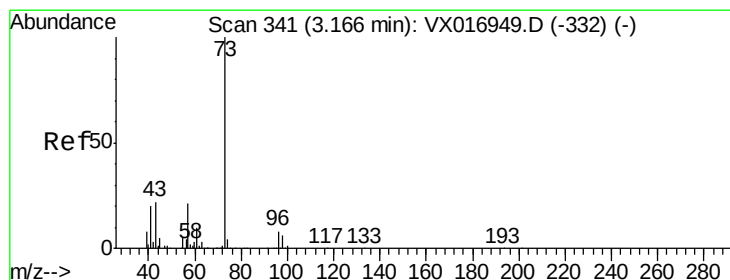
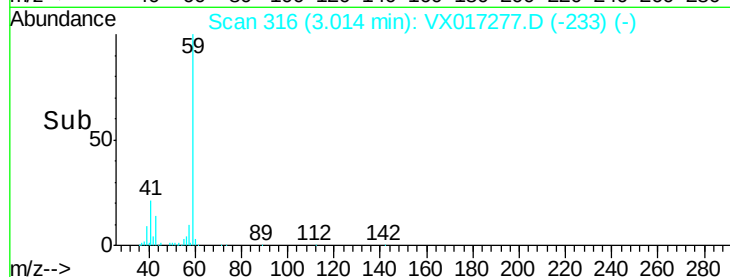
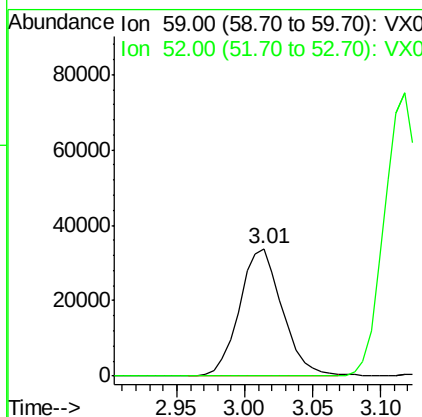
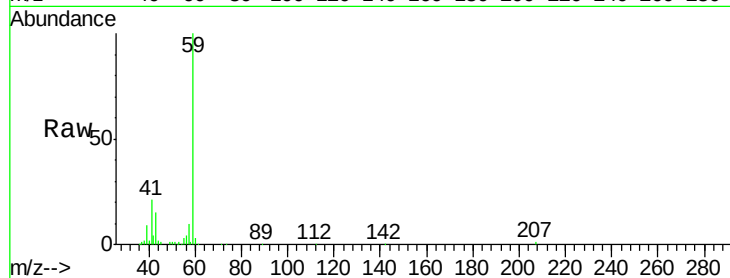
tert-Butyl Alcohol
 Concen: 98.679 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.1	0.1#

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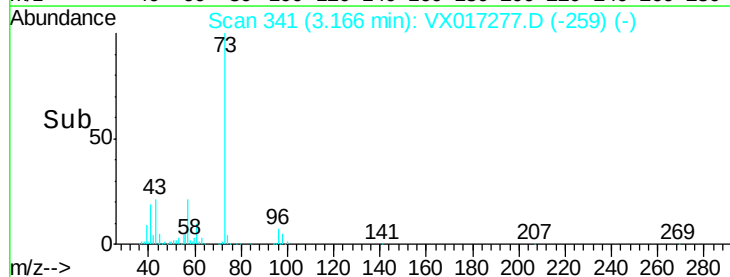
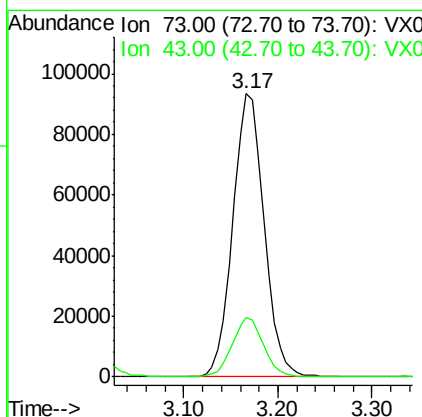
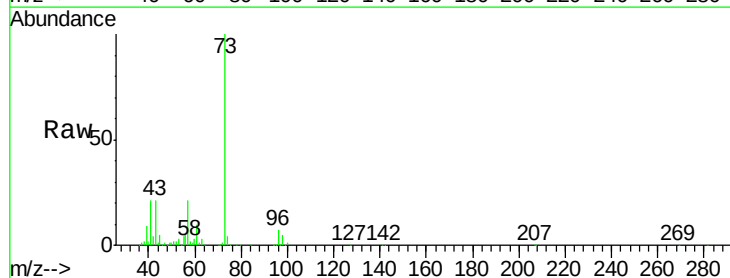
MMDadoda
 7/9/2020 11:00:01 AM

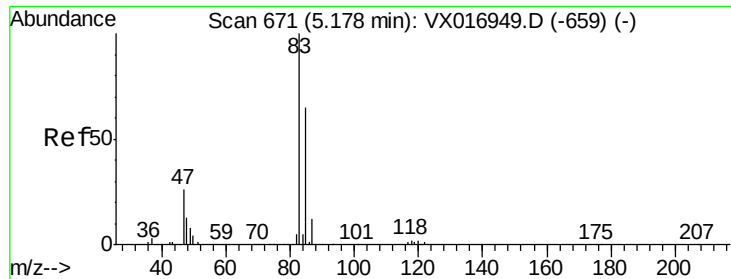


#24

Methyl tert-Butyl Ether
 Concen: 21.298 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.6	17.2	25.8





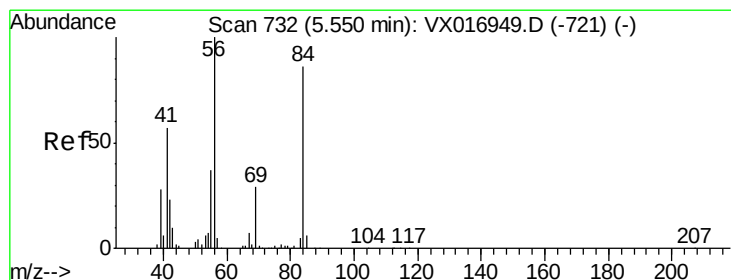
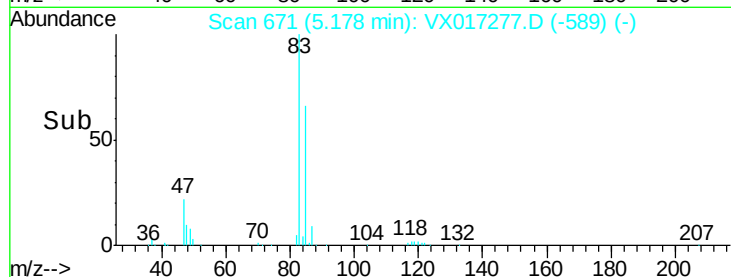
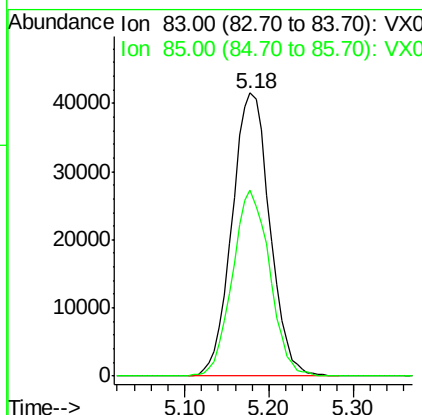
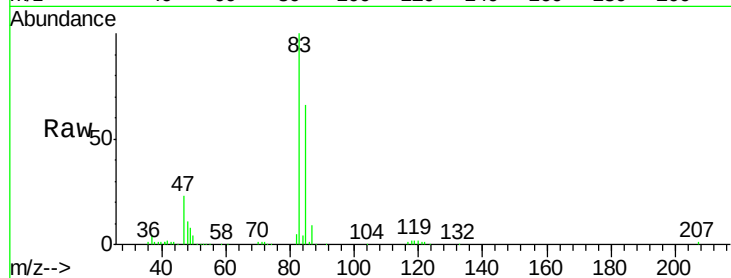
#25
Chloroform
Concen: 21.172 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tot Ion	83	Resp	125903
Ion Ratio	100	Lower	Upper
83	100		
85	65.8	52.1	78.1

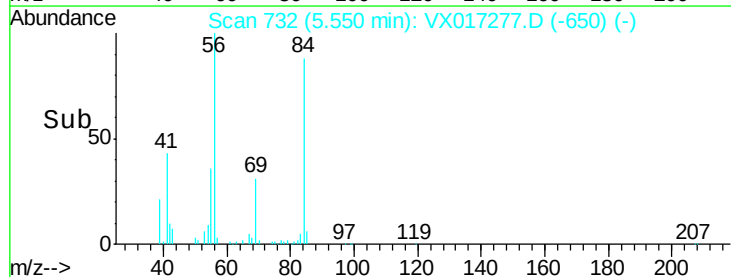
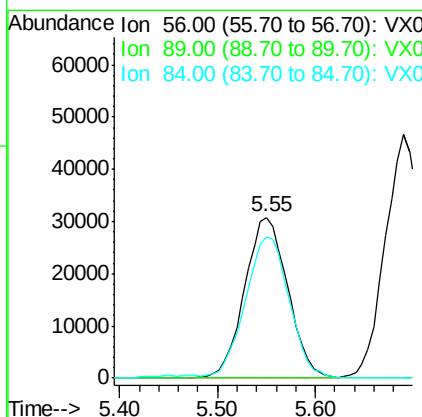
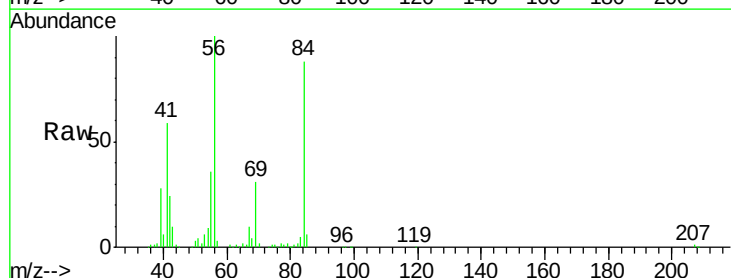
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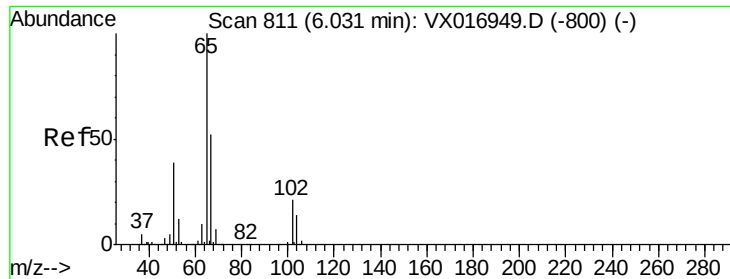
MMDadoda
7/9/2020 11:00:01 AM



#26
Cyclohexane
Concen: 18.413 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	56	Resp	94210
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	89.7	69.0	103.6





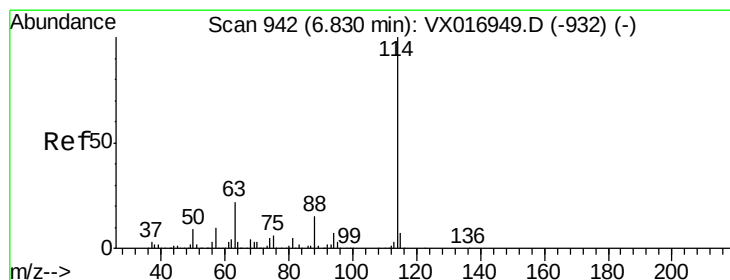
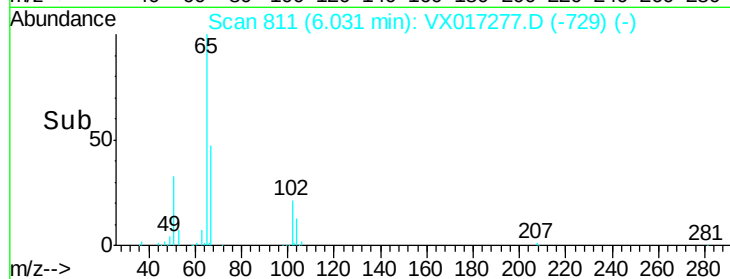
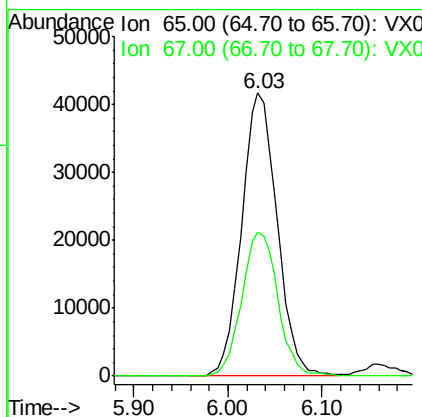
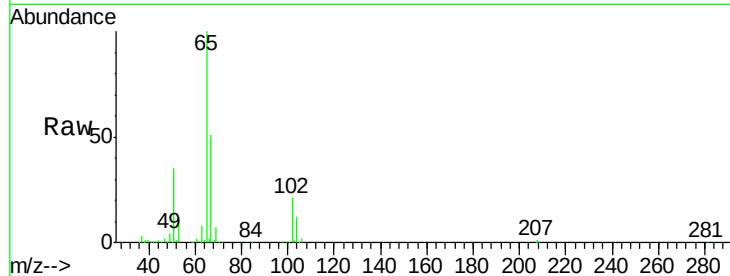
#27
 1,2-Dichloroethane-d4
 Concen: 28.403 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	41.5	62.3

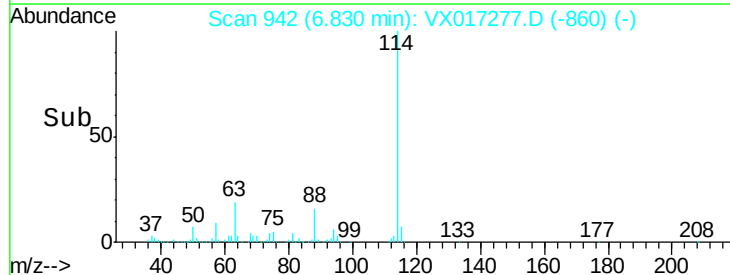
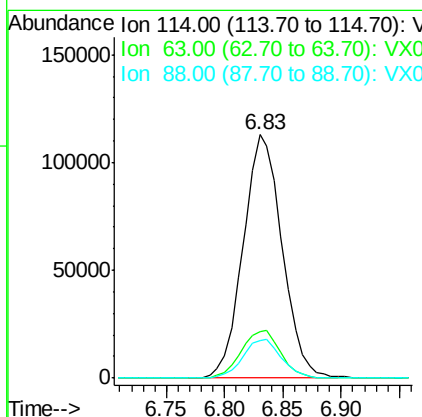
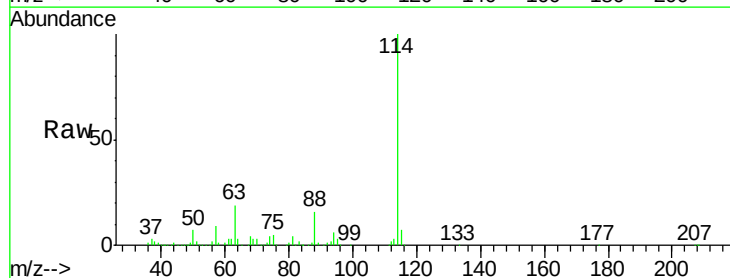
Manual Integrations
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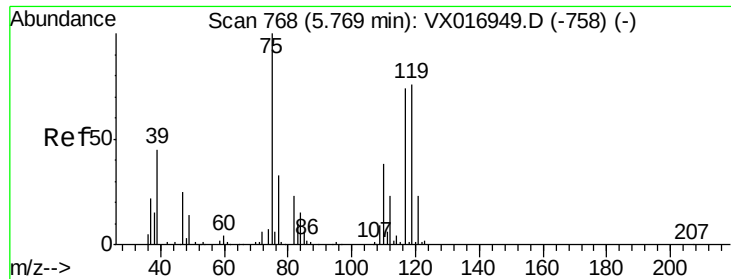
MMDadoda
 7/9/2020 11:00:01 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	17.4	26.2
88	16.0	13.0	19.6





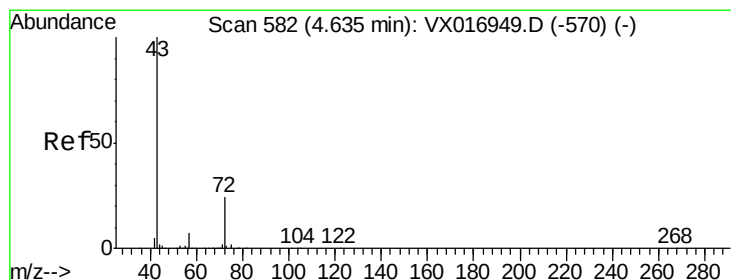
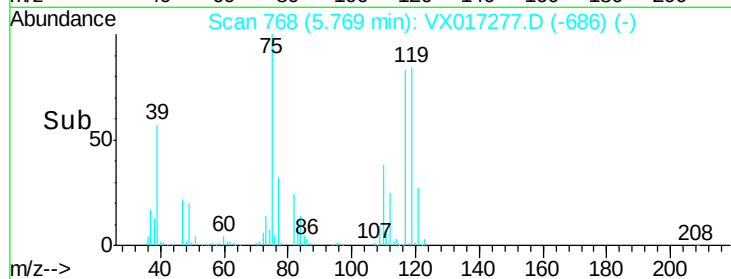
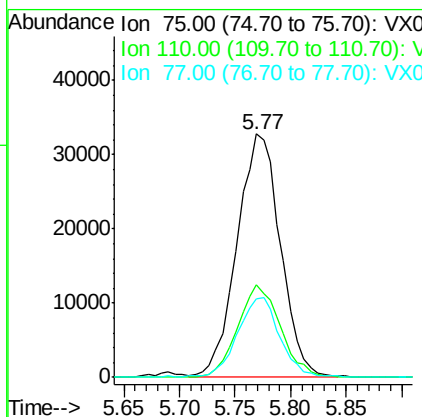
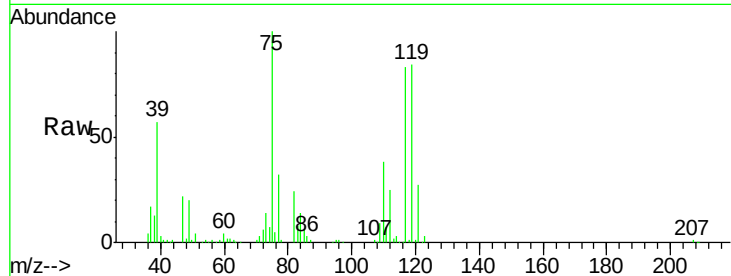
#29
 1,1-Dichloropropene
 Concen: 20.746 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.3	0.0	71.6
77	31.5	0.0	64.0

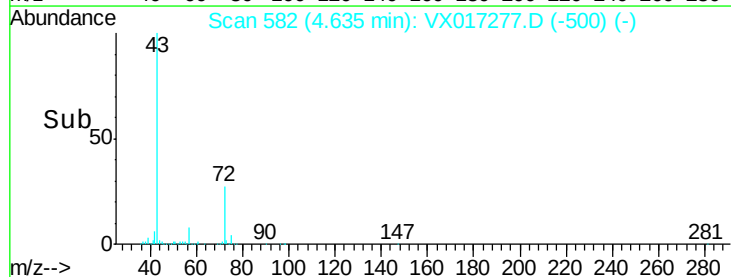
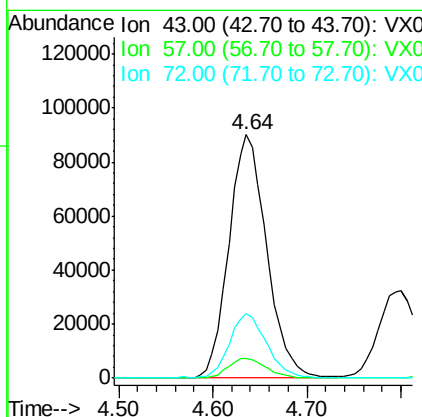
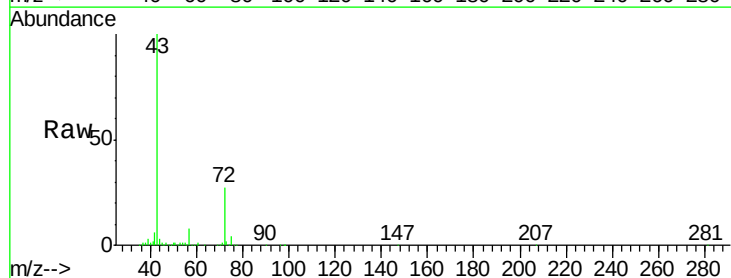
Manual Integrations
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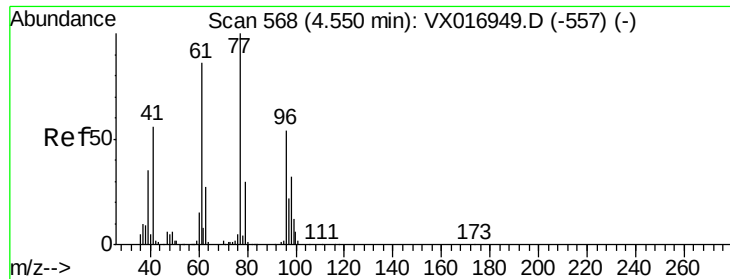
MMDadoda
 7/9/2020 11:00:01 AM



#30
 2-Butanone
 Concen: 111.733 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.3	6.2	9.4
72	26.4	20.6	31.0





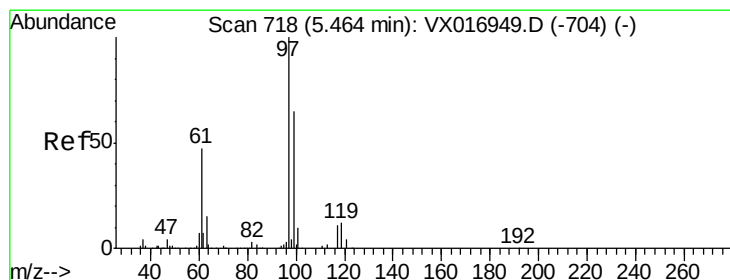
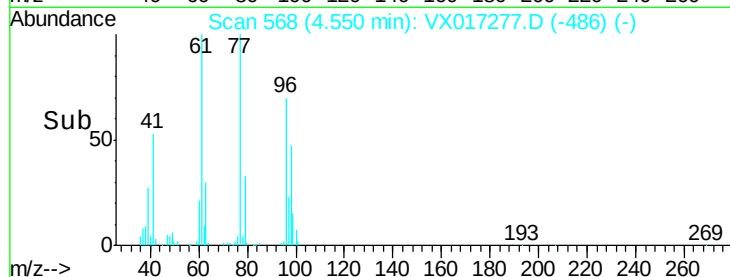
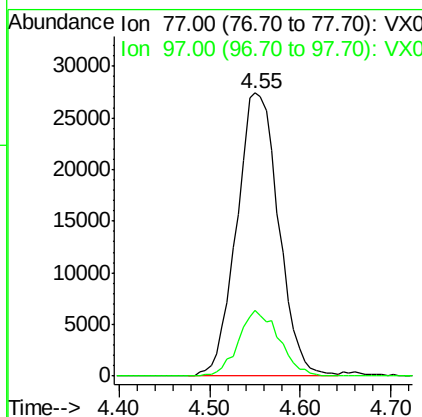
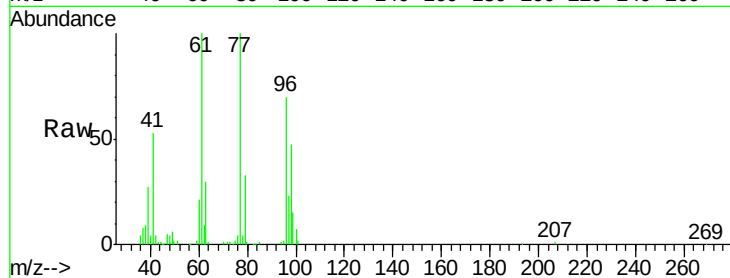
#31
 2,2-Dichloropropane
 Concen: 17.907 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

Tot Ion: 77 Resp: 87877
 Ion Ratio Lower Upper
 77 100
 97 22.5 18.5 27.7

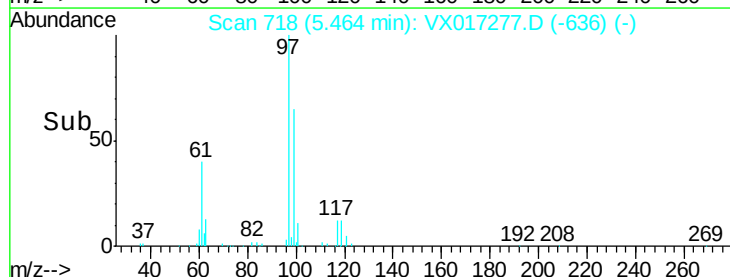
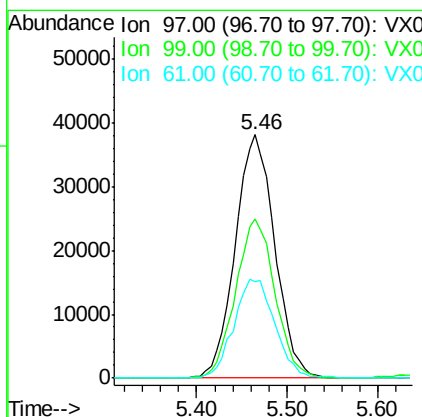
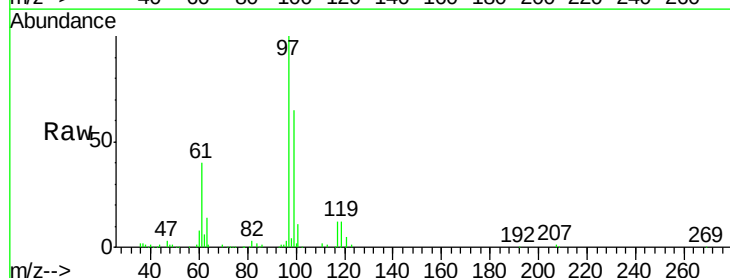
Manual Integrations
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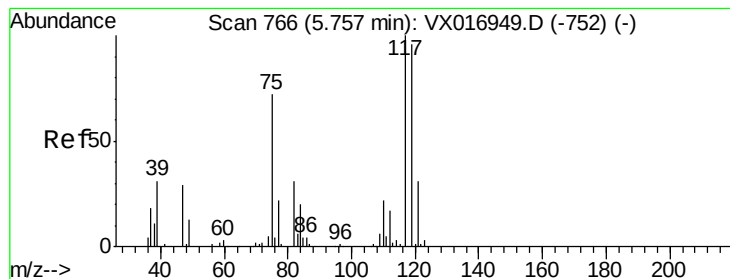
MMDadoda
 7/9/2020 11:00:01 AM



#32
 1,1,1-Trichloroethane
 Concen: 22.288 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion: 97 Resp: 115404
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.2 78.2
 61 42.2 36.9 55.3





#33

Carbon Tetrachloride

Concen: 23.072 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

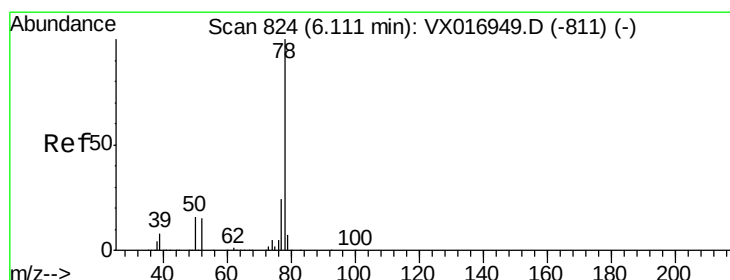
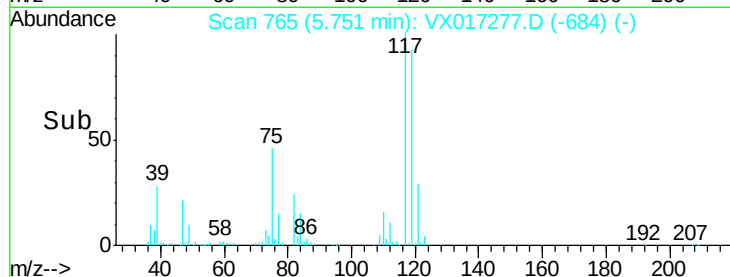
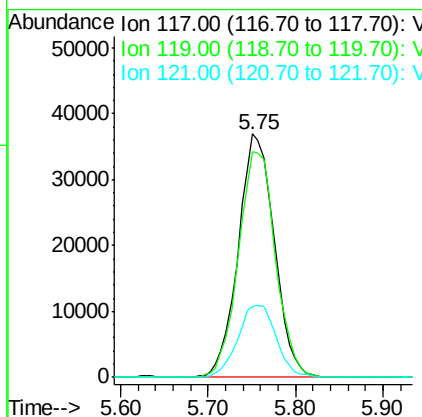
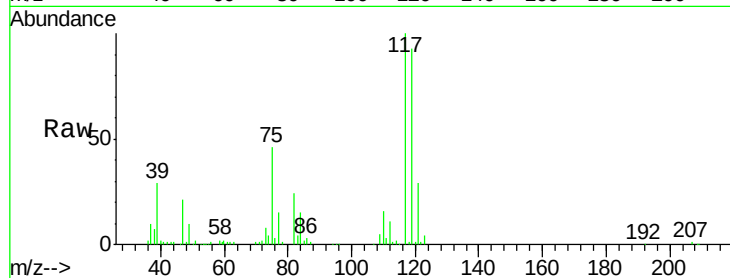
ClientSampleId :

VX0708WBSD02

Tot Ion:	117	Resp:	105944
Ion Ratio	Lower	Upper	
117	100		
119	92.6	77.0	115.4
121	28.9	25.0	37.4

Manual Integrations
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7/9/2020 11:00:01 AM



#34

Benzene

Concen: 21.304 ug/l

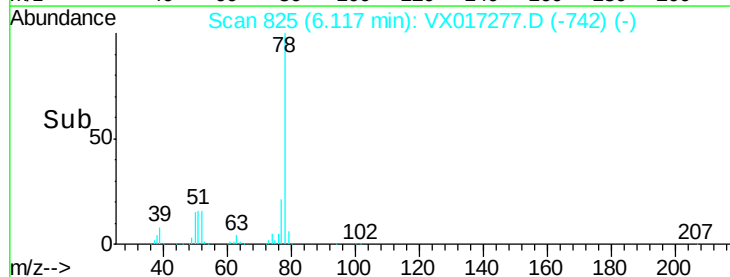
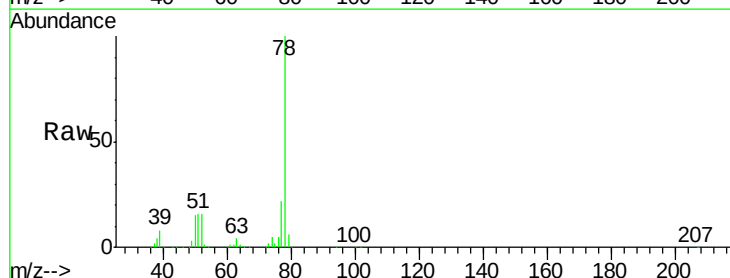
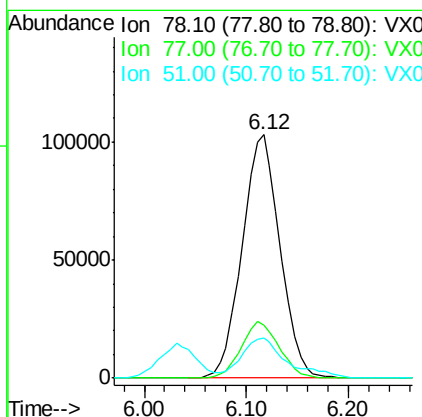
RT: 6.12 min Scan# 825

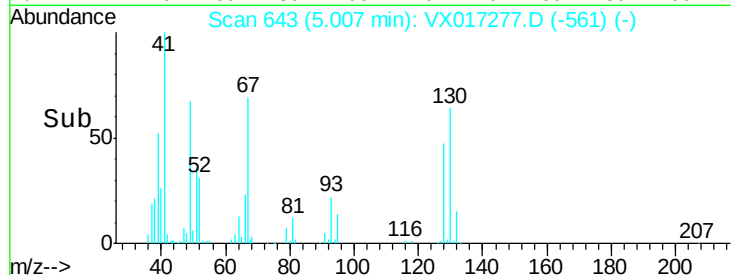
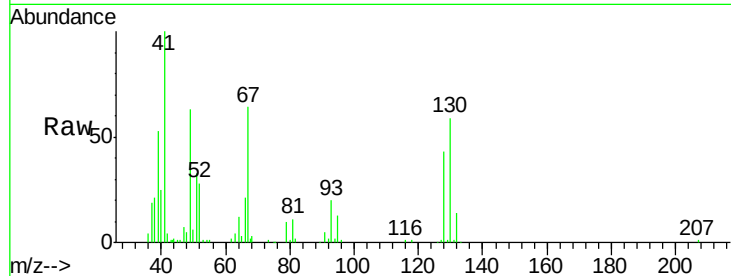
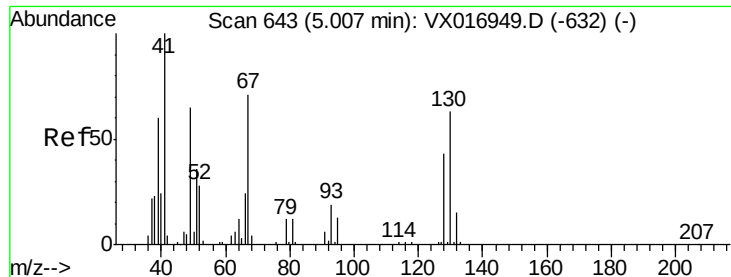
Delta R.T. 0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

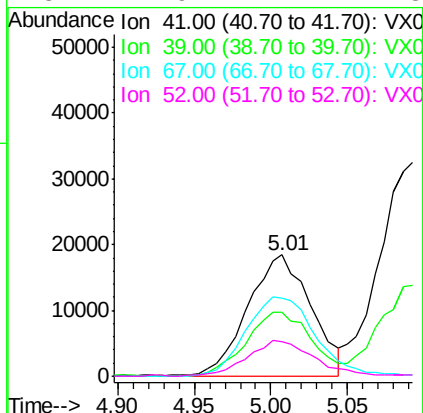
Tgt Ion:	78	Resp:	265434
Ion Ratio	Lower	Upper	
78	100		
77	21.5	19.0	28.6
51	15.2	12.8	19.2





#35
Methacrylonitrile
Concen: 21.526 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

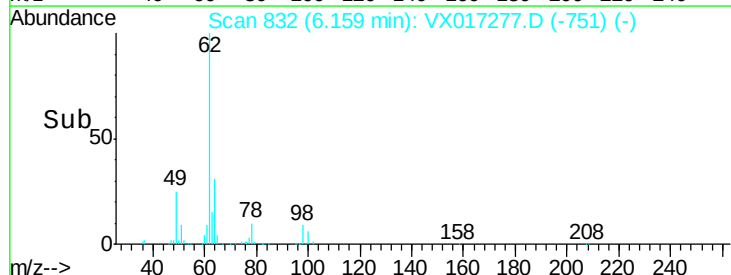
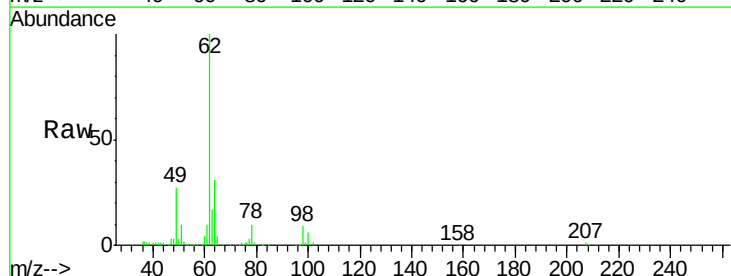
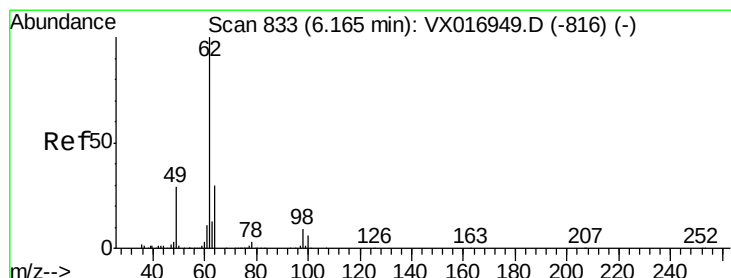
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	29.8	89.5	
67	64.0	35.3	105.9	
52	27.9	14.1	42.3	



Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

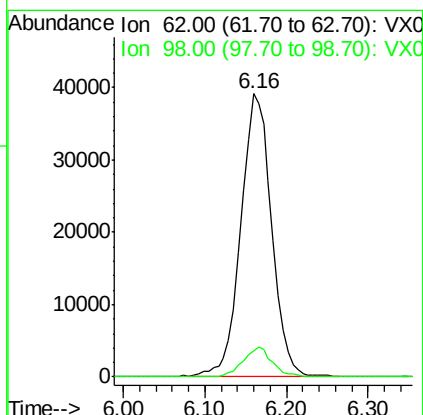
Manual Integrations
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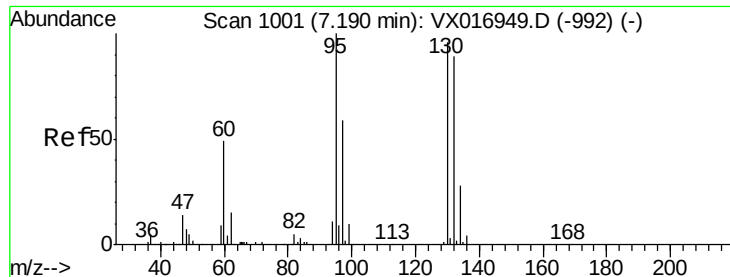
MMDadoda
7/9/2020 11:00:01 AM



#36
1,2-Dichloroethane
Concen: 21.525 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	7.6	11.4	





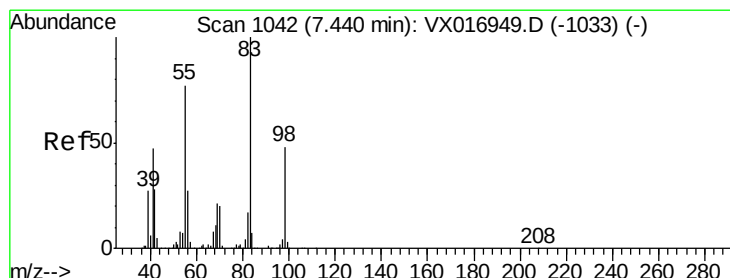
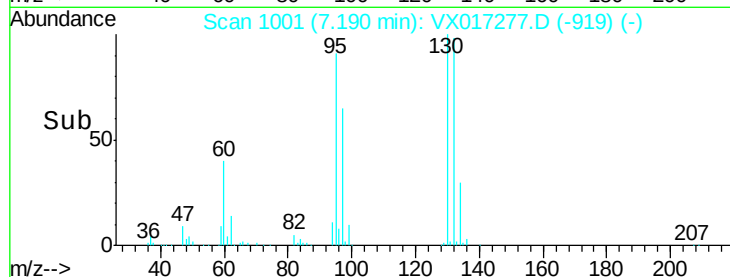
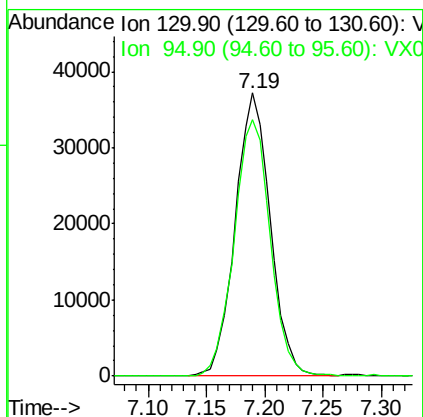
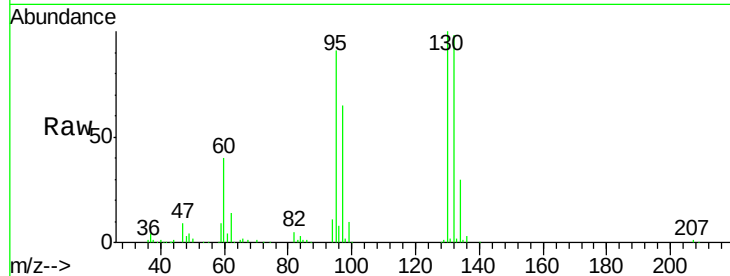
#37
 Trichloroethene
 Concen: 22.949 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

Tot Ion:130 Resp: 78024
 Ion Ratio Lower Upper
 130 100
 95 90.6 83.1 124.7

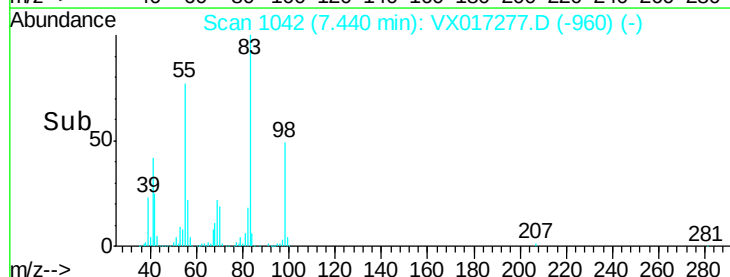
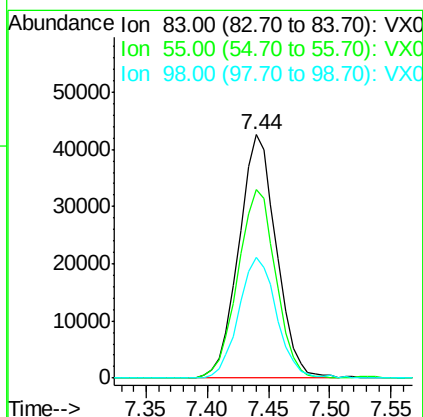
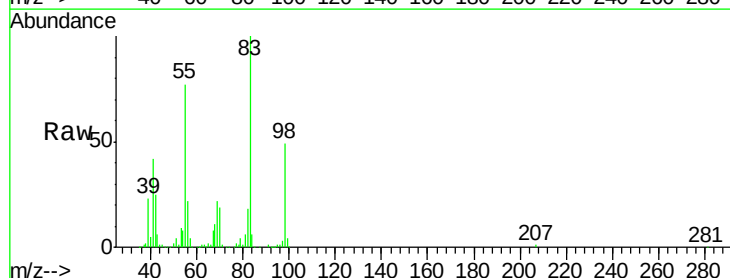
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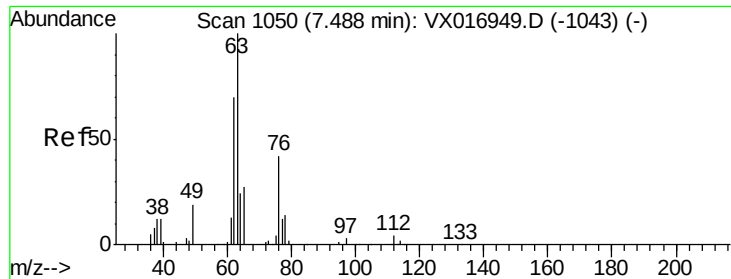
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 7/9/2020 11:00:01 AM



#38
 Methylcyclohexane
 Concen: 18.647 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion: 83 Resp: 90869
 Ion Ratio Lower Upper
 83 100
 55 78.2 38.1 114.5
 98 49.7 24.6 73.6





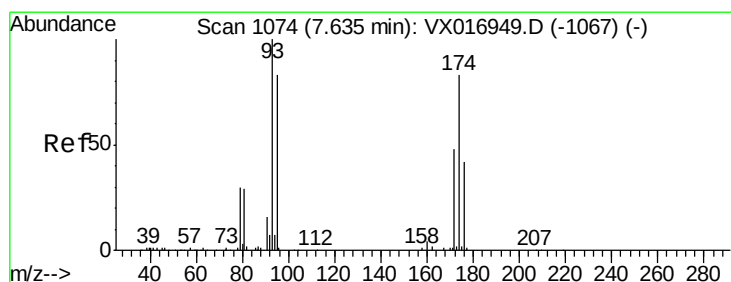
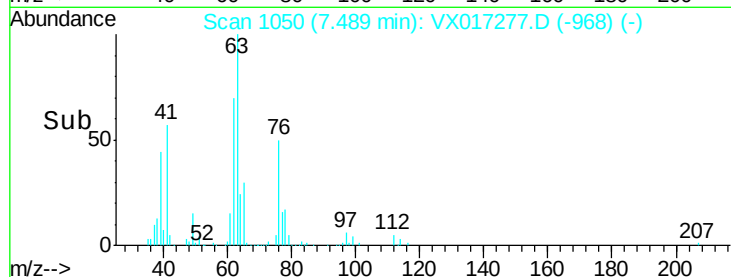
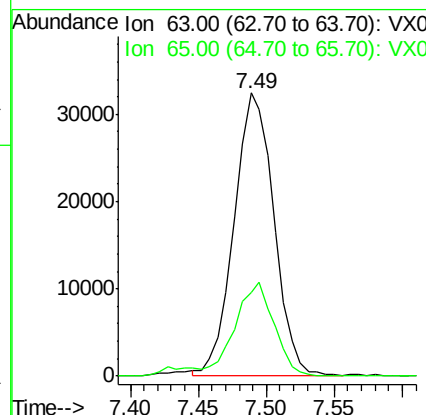
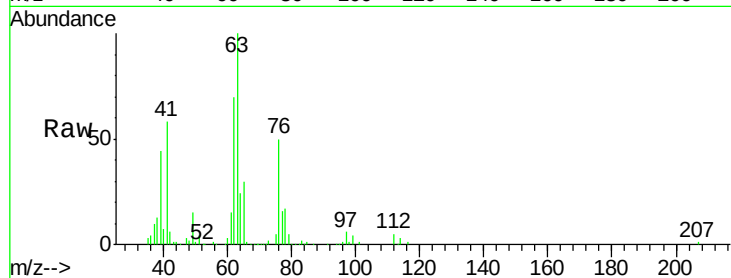
#39
 1,2-Dichloropropane
 Concen: 20.232 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

Tot Ion: 63 Resp: 65675
 Ion Ratio Lower Upper
 63 100
 65 29.8 22.8 34.2

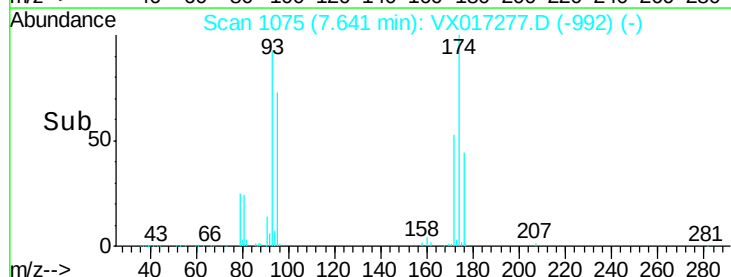
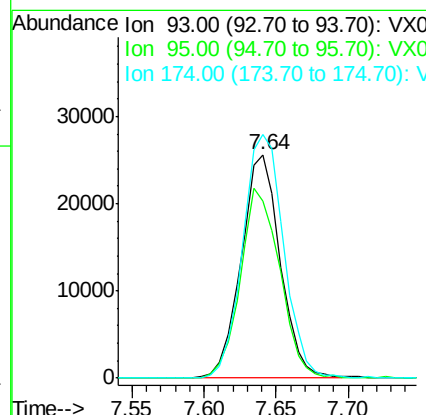
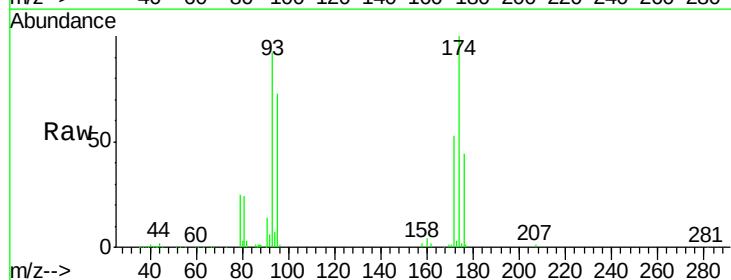
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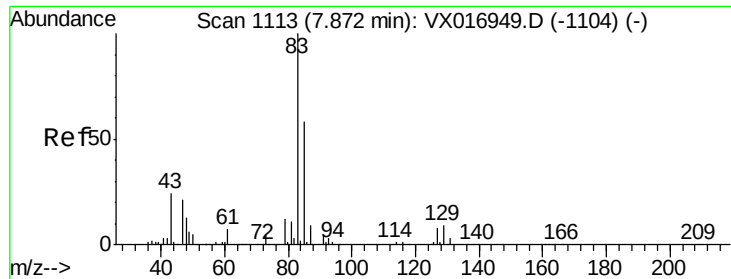
MMDadoda
 7/9/2020 11:00:01 AM



#40
 Dibromomethane
 Concen: 21.573 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion: 93 Resp: 48263
 Ion Ratio Lower Upper
 93 100
 95 85.5 0.0 165.4
 174 113.8 0.0 192.0





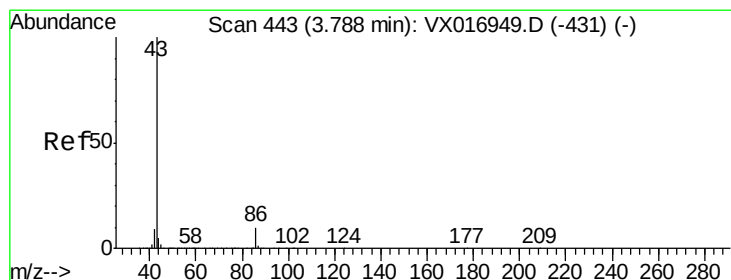
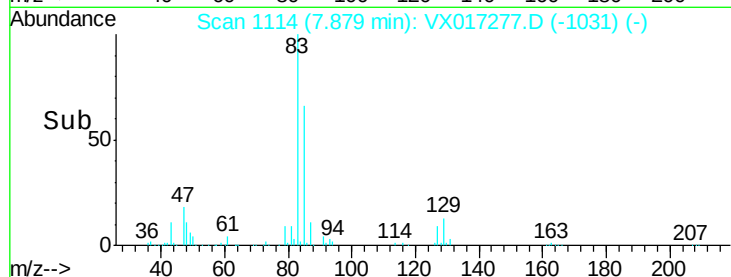
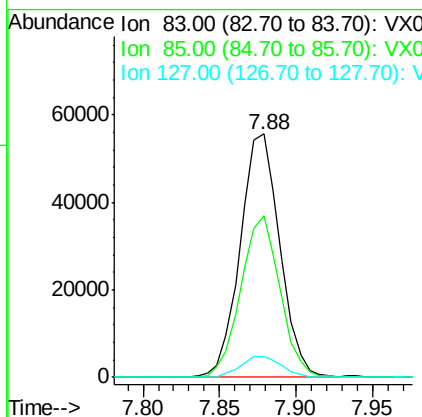
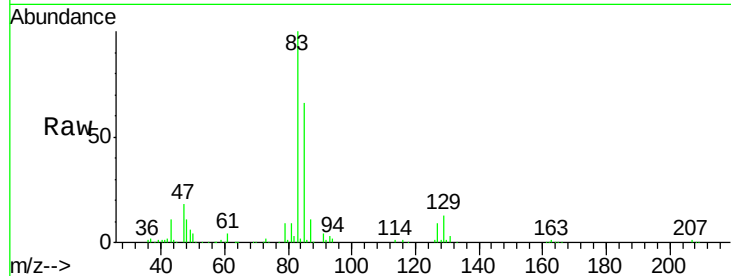
#41
Bromodichloromethane
Concen: 21.629 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tot Ion	83	Resp	100200
Ion Ratio	Lower	Upper	
83	100		
85	66.2	46.7	70.1
127	8.5	6.5	9.7

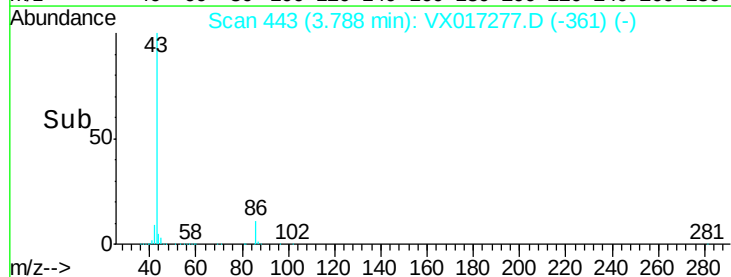
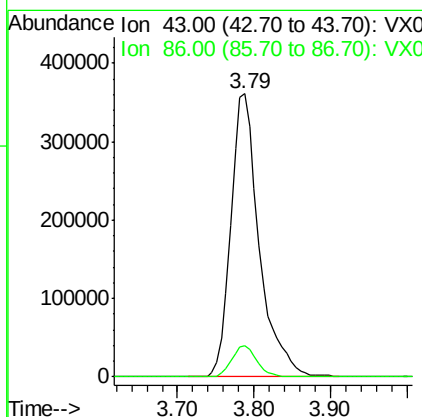
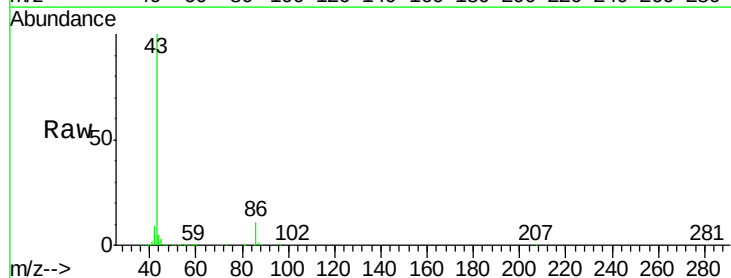
Manual Integrations
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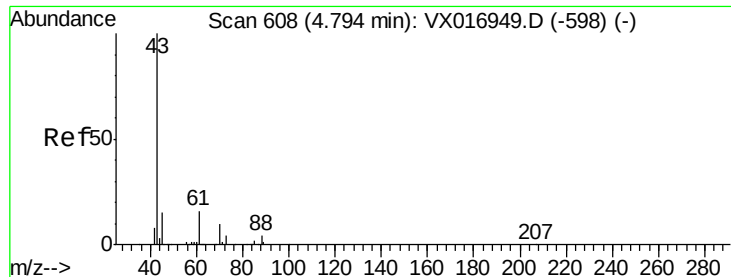
MMDadoda
7/9/2020 11:00:01 AM



#42
Vinyl Acetate
Concen: 103.139 ug/l
RT: 3.79 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	43	Resp	927029
Ion Ratio	Lower	Upper	
43	100		
86	9.8	7.4	11.2





#43

Ethyl Acetate

Concen: 21.151 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

Tot Ion: 43 Resp: 97721

Ion Ratio Lower Upper

43 100

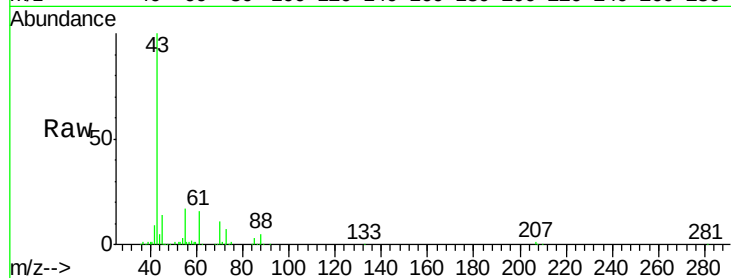
45 14.8 11.8 17.6

Manual Integrations

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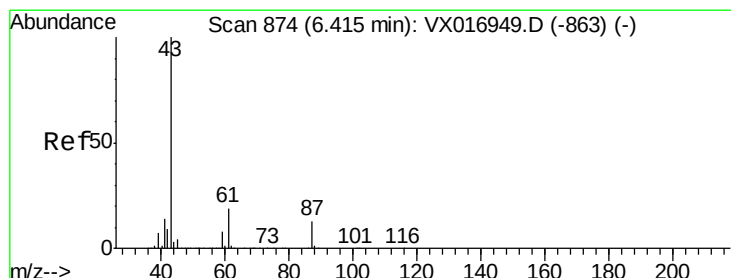
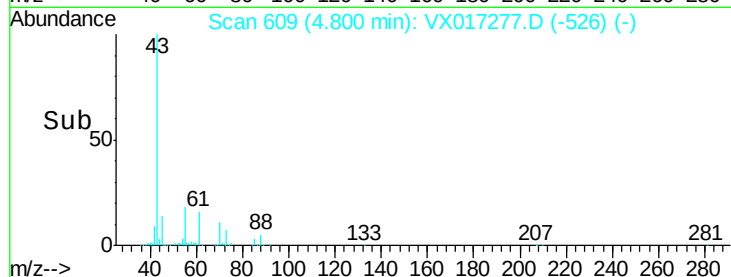
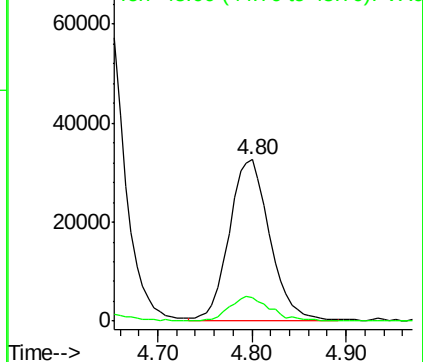
MMDadoda

7/9/2020 11:00:01 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 20.185 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017277.D

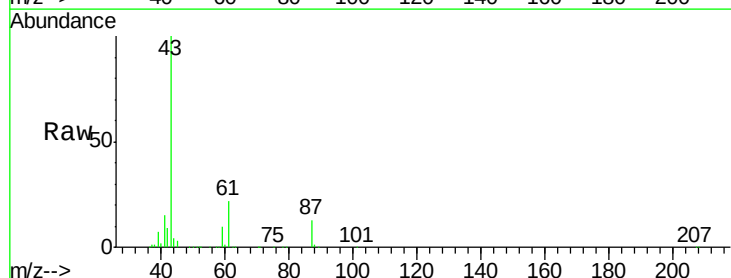
Acq: 08 Jul 2020 23:47

Tgt Ion: 43 Resp: 153711

Ion Ratio Lower Upper

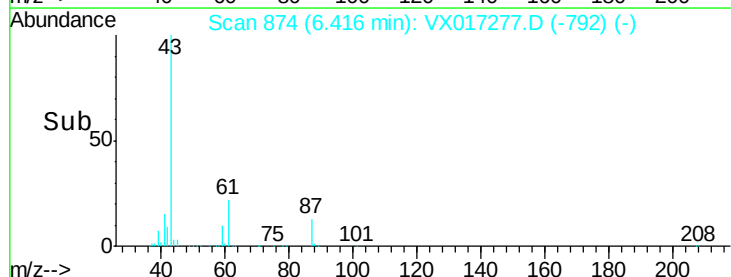
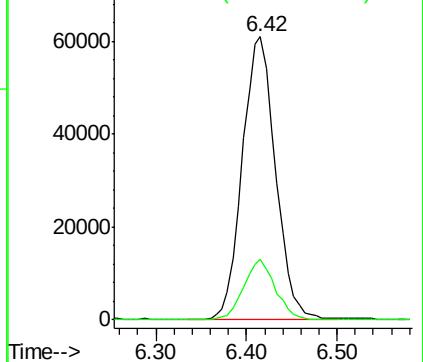
43 100

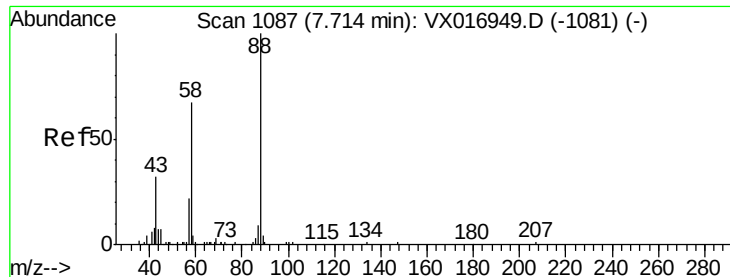
61 20.5 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 395.528 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

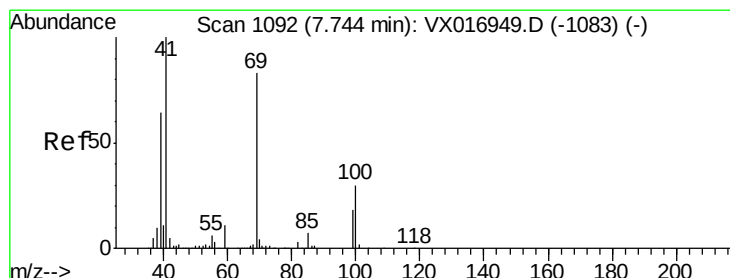
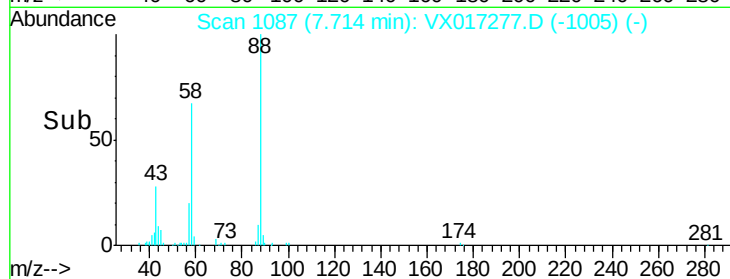
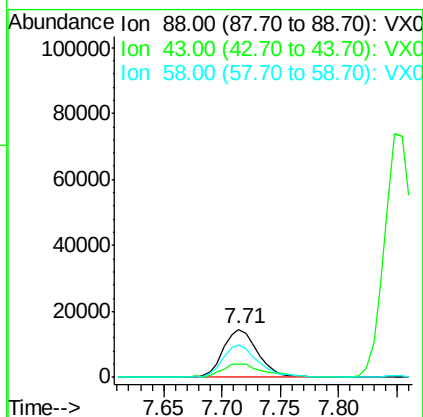
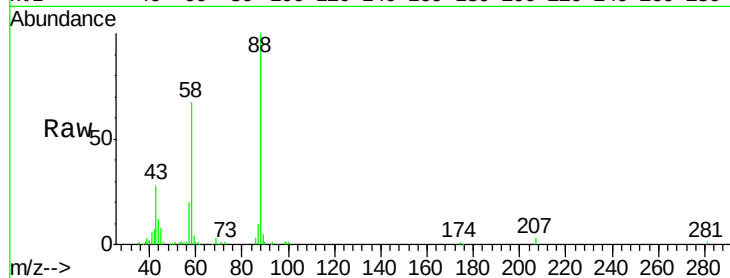
ClientSampleId :

VX0708WBSD02

Tot Ion:	88	Resp:	30387
Ion	Ratio	Lower	Upper
88	100		
43	33.0	28.9	43.3
58	68.4	56.7	85.1

Manual Integrations
APPROVED

MMDadoda
7/9/2020 11:00:01 AM



#46

Methyl methacrylate

Concen: 21.039 ug/l

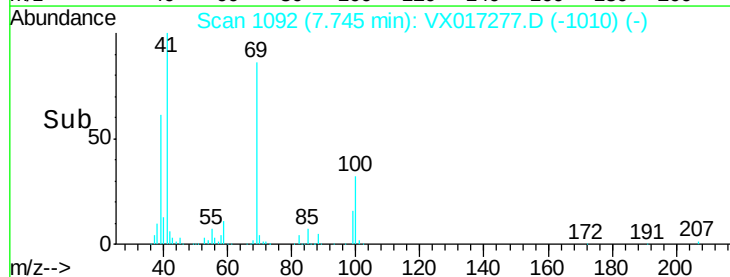
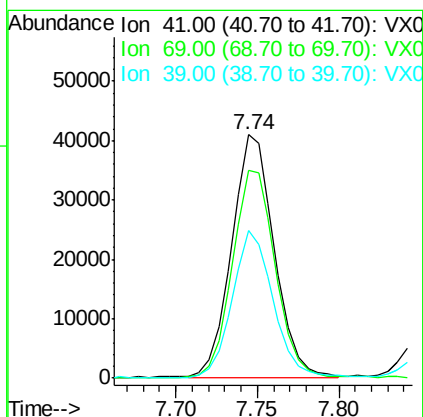
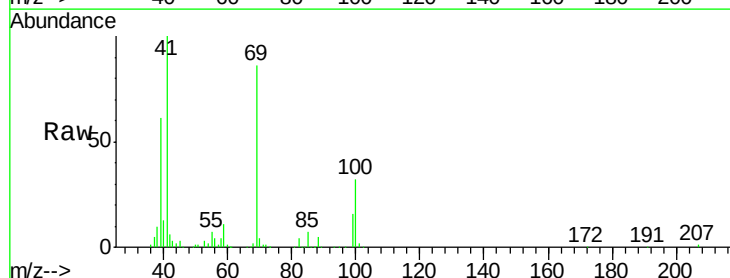
RT: 7.74 min Scan# 1092

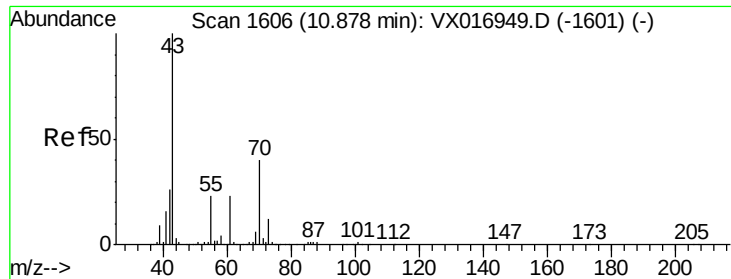
Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Tgt Ion:	41	Resp:	74144
Ion	Ratio	Lower	Upper
41	100		
69	85.4	41.3	123.9
39	60.6	32.0	96.2





#47

n-amvl Acetate

Concen: 19.632 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampled :

VX0708WBSD02

Tot Ion: 43 Resp: 132149

Ion Ratio Lower Upper

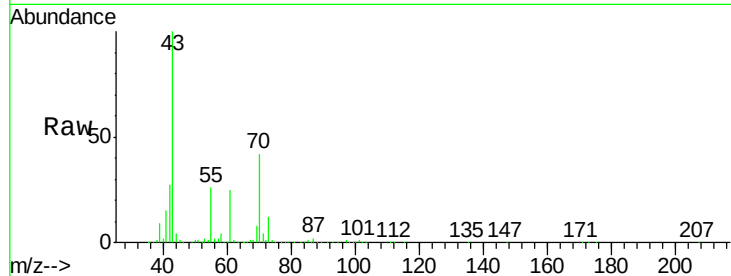
43 100

55 26.0 18.6 27.8

Manual Integrations
APPROVED

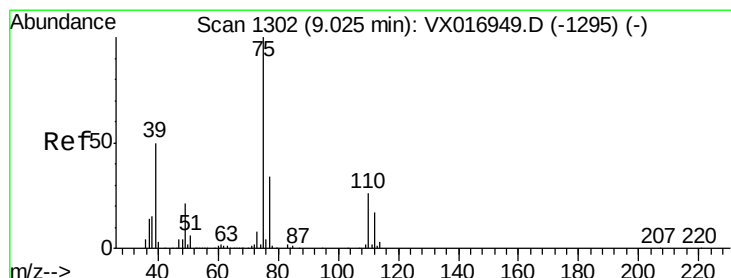
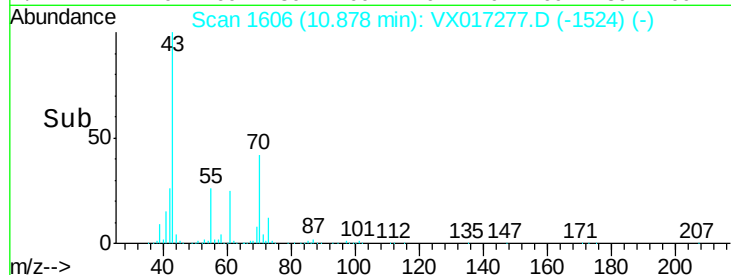
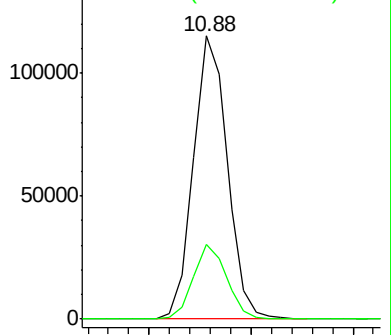
MMDadoda

7/9/2020 11:00:01 AM



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: 20.606 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017277.D

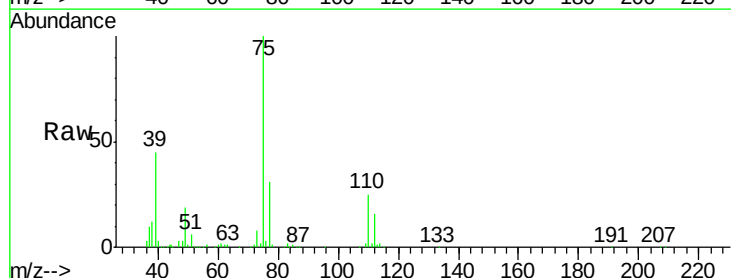
Acq: 08 Jul 2020 23:47

Tgt Ion: 75 Resp: 105547

Ion Ratio Lower Upper

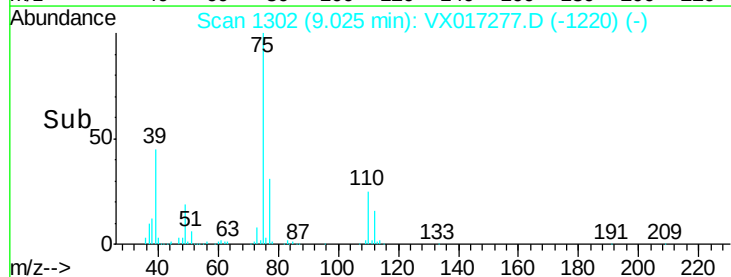
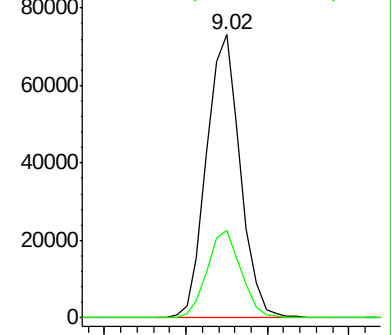
75 100

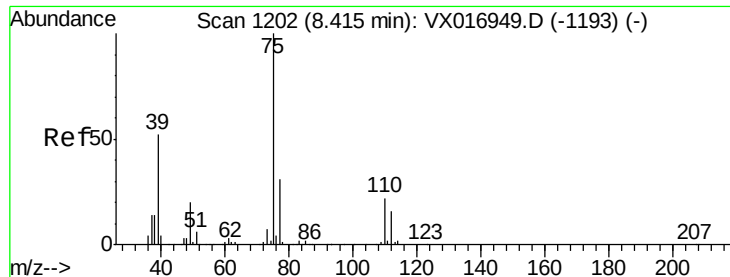
77 30.9 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

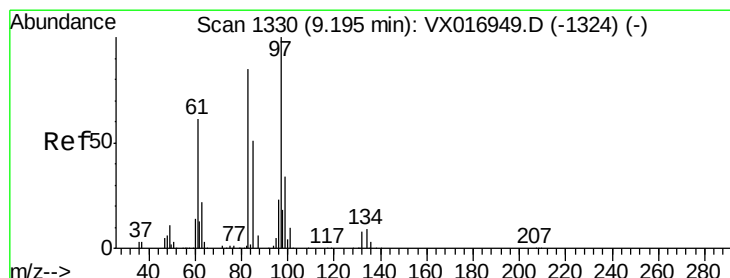
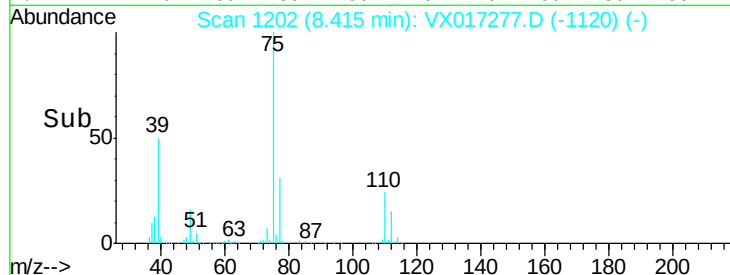
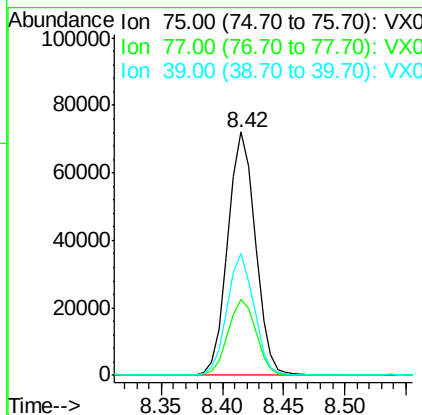
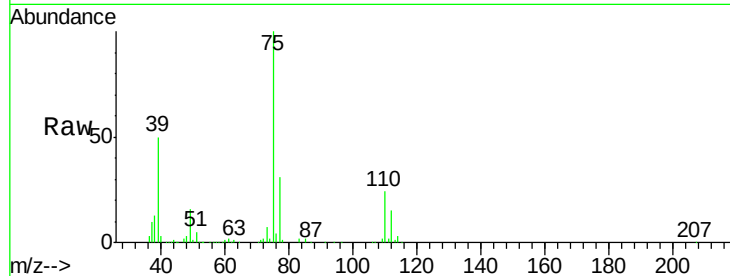
cis-1,3-Dichloropropene
Concen: 20.978 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.8	37.2
39	49.8	41.8	62.6

Manual Integrations
APPROVED

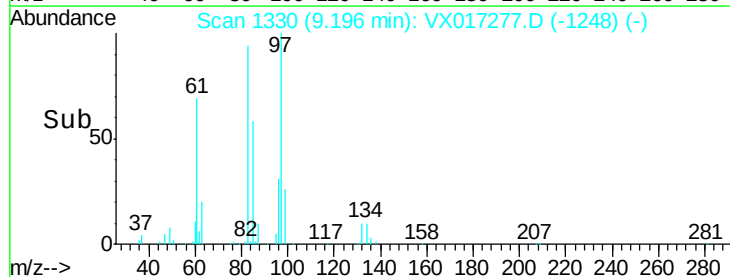
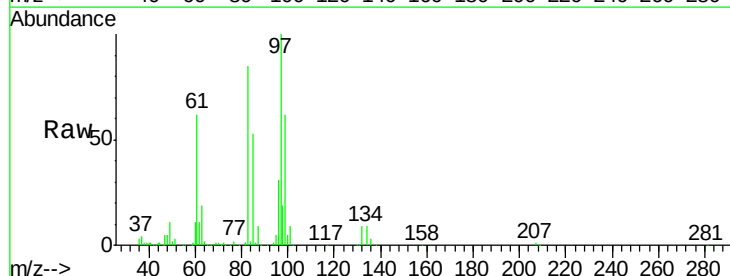
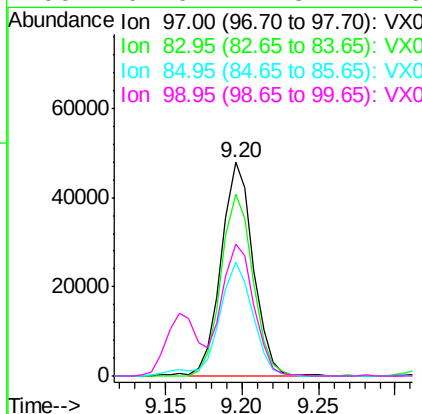
MMDadoda
7/9/2020 11:00:01 AM

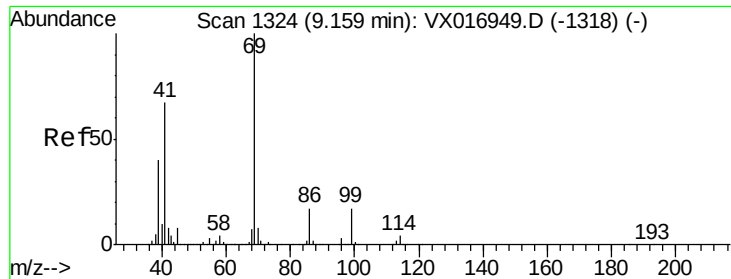


#50

1,1,2-Trichloroethane
Concen: 22.278 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.4	101.0
85	53.0	42.9	64.3
99	61.6	47.8	71.6





#51

Ethyl methacrylate

Concen: 21.153 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

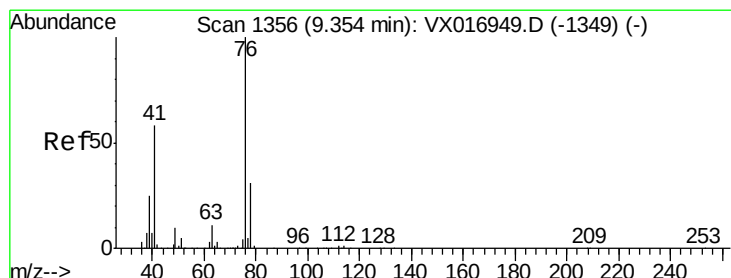
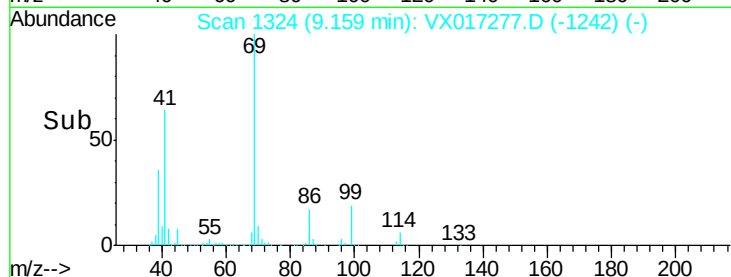
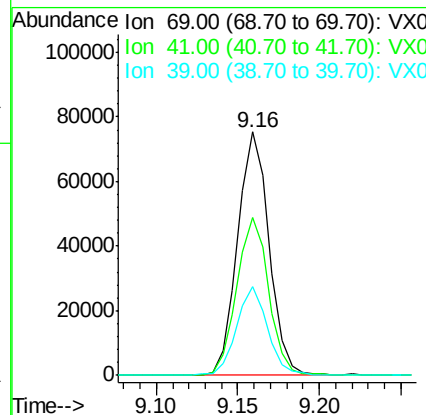
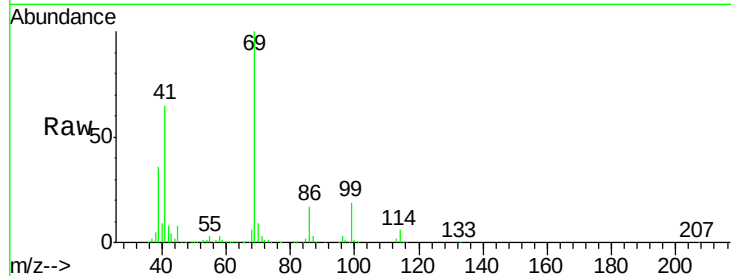
ClientSampleID :

VX0708WBSD02

Tot Ion:	69	Resp:	101360
Ion	Ratio	Lower	Upper
69	100		
41	64.6	33.7	101.1
39	36.1	19.9	59.7

Manual Integrations
APPROVED

MMDadoda
7/9/2020 11:00:01 AM



#52

1,3-Dichloropropane

Concen: 21.911 ug/l

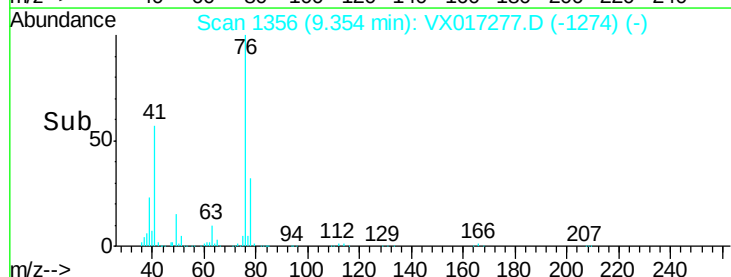
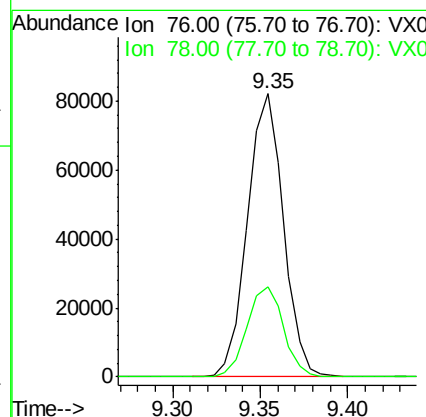
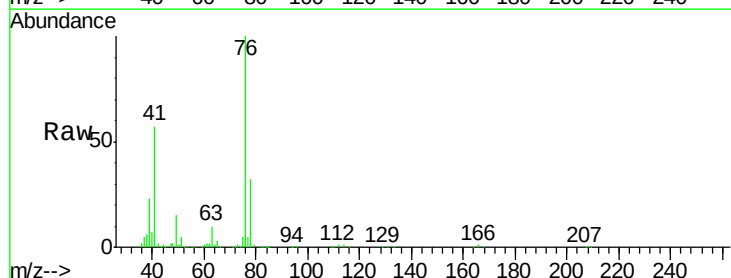
RT: 9.35 min Scan# 1356

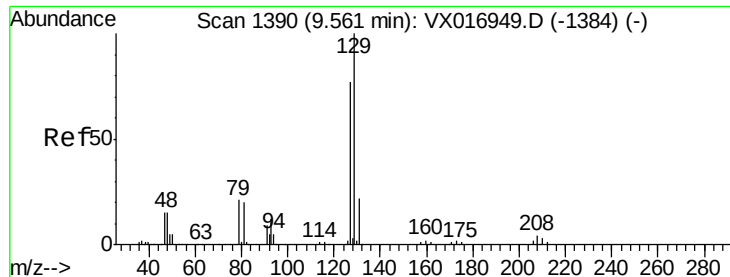
Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Tgt Ion:	76	Resp:	117452
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	62.4





#53

Dibromochloromethane

Concen: 23.125 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

Tot Ion:129 Resp: 82989

Ion Ratio Lower Upper

129 100

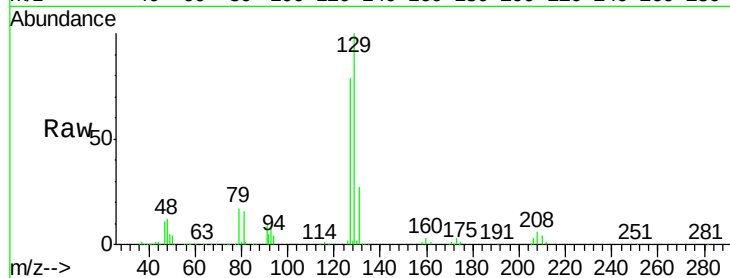
127 78.4 38.7 116.1

Manual Integrations

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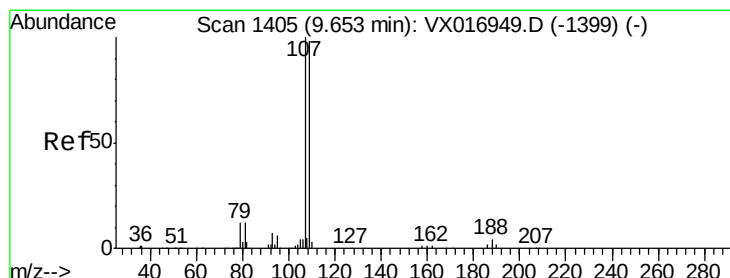
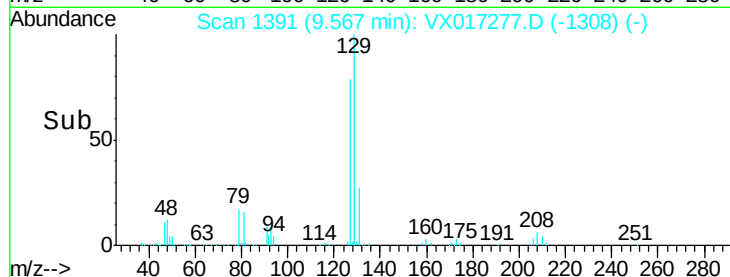
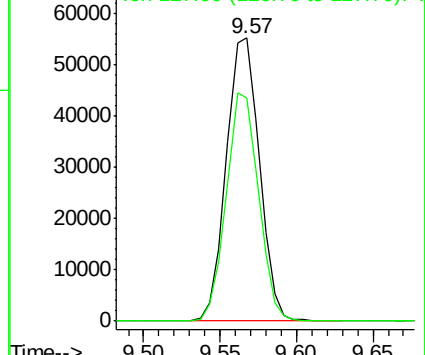
MMDadoda

7/9/2020 11:00:01 AM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 22.700 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017277.D

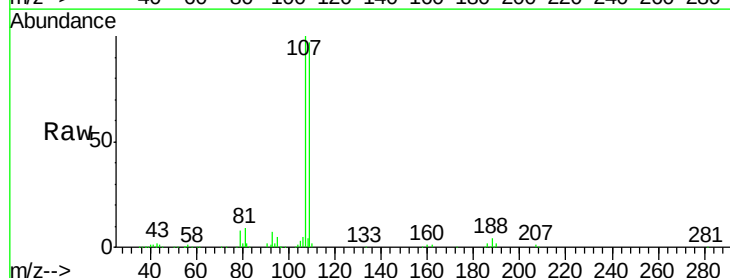
Acq: 08 Jul 2020 23:47

Tgt Ion:107 Resp: 75208

Ion Ratio Lower Upper

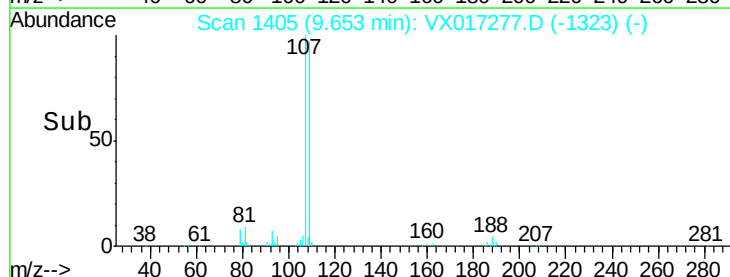
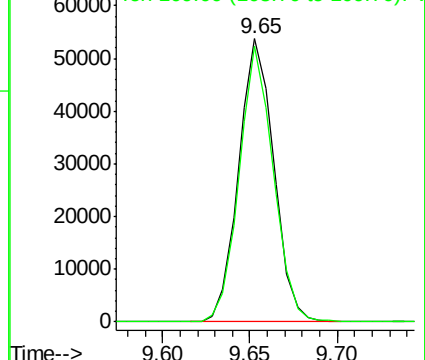
107 100

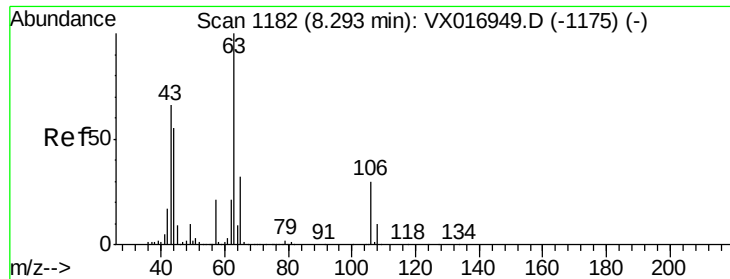
109 94.7 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 96.300 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

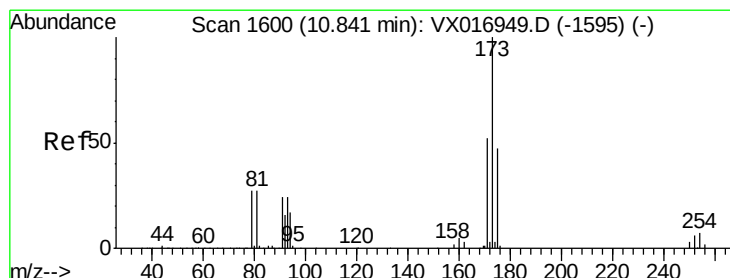
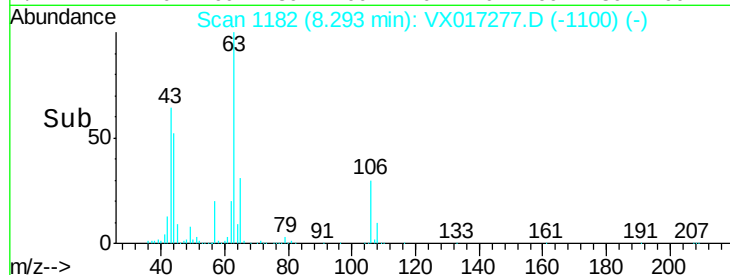
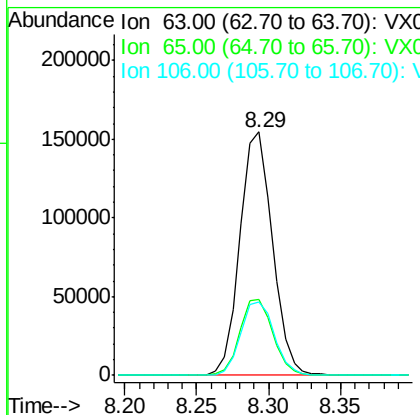
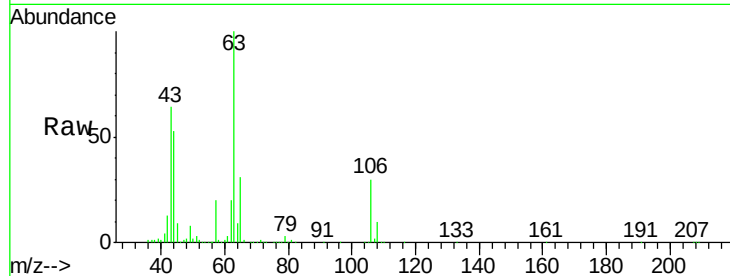
ClientSampleId :

VX0708WBSD02

Tot Ion:	63	Resp:	242824
Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.9	38.9
106	31.2	22.6	33.8

Manual Integrations
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#56

Bromoform

Concen: 25.644 ug/l

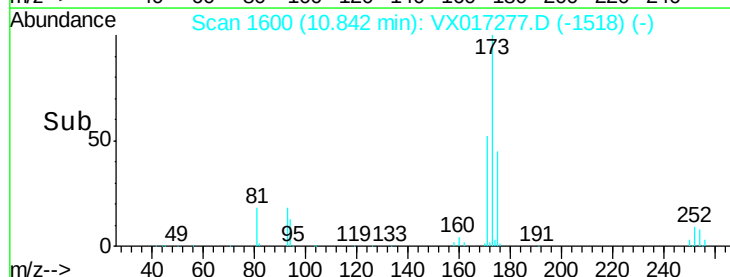
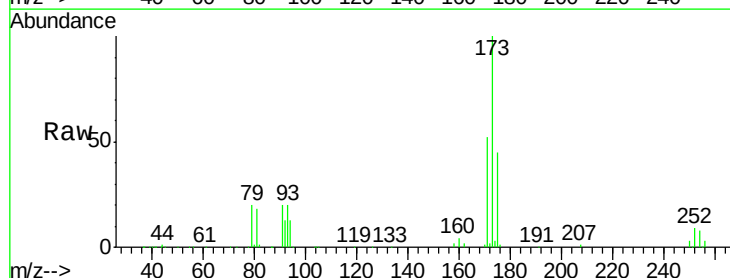
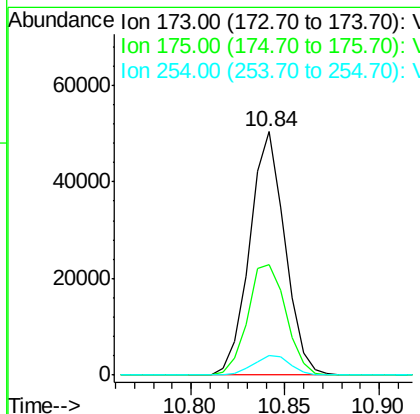
RT: 10.84 min Scan# 1600

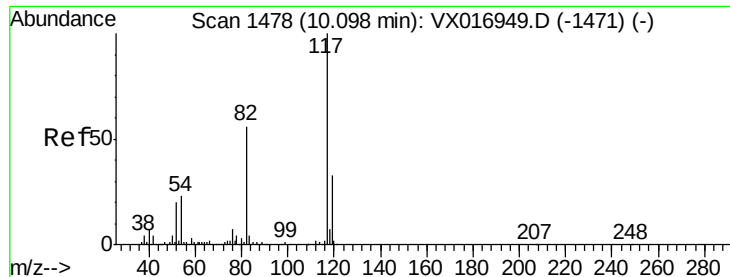
Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Tgt Ion:	173	Resp:	65326
Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.7	58.1
254	8.5	5.8	8.6





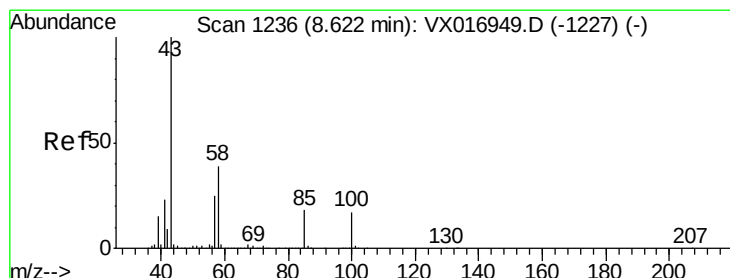
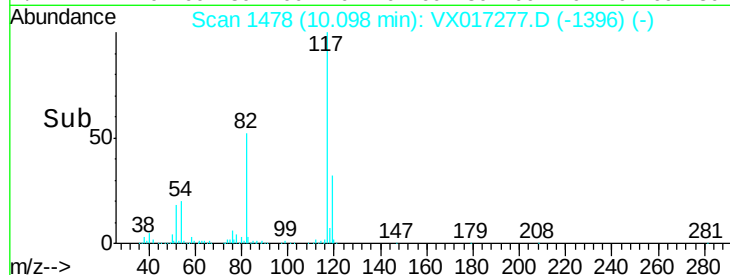
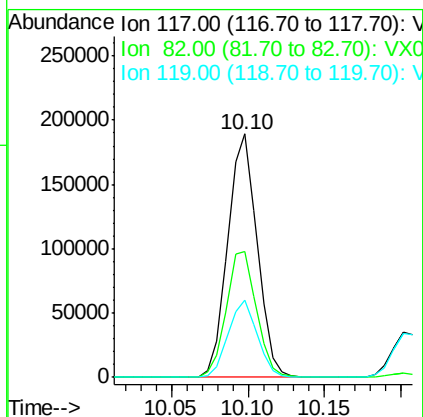
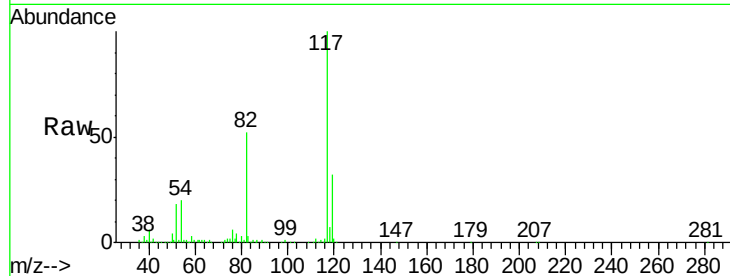
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.9	67.3
119	31.4	25.8	38.8

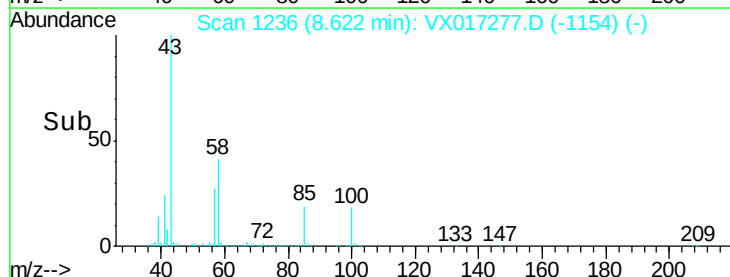
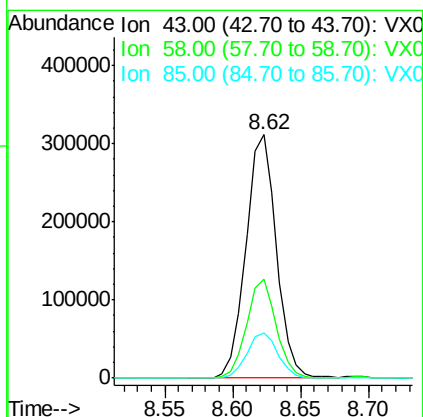
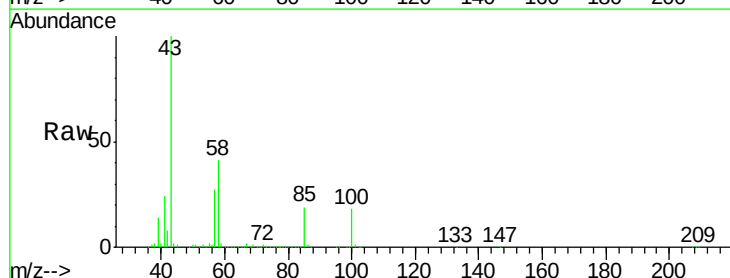
Manual Integrations
APPROVED

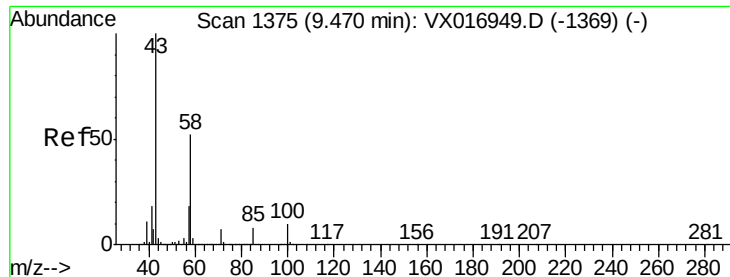
MMDadoda
7/9/2020 11:00:01 AM



#58
4-Methyl-2-Pentanone
Concen: 105.205 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	30.4	45.6
85	18.9	13.5	20.3





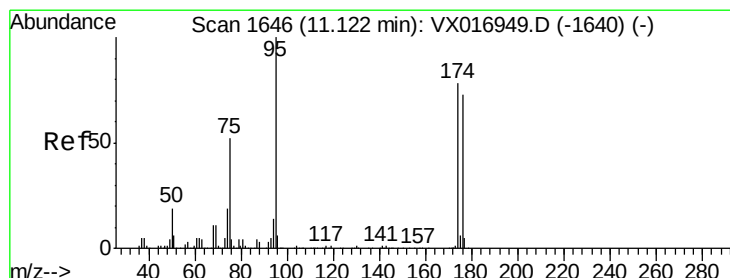
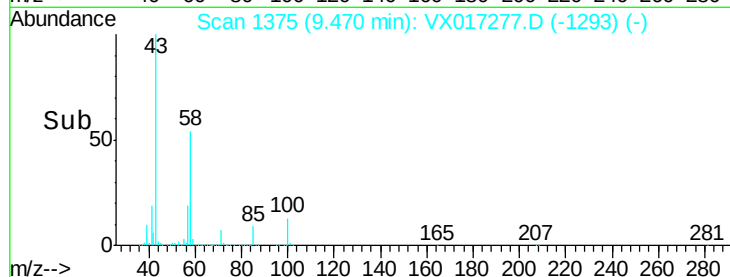
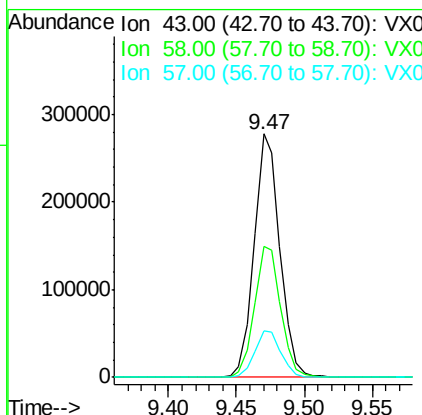
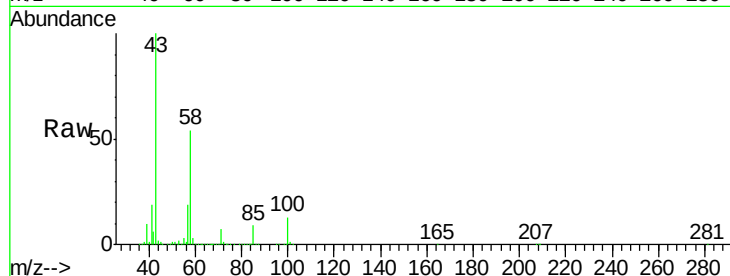
#59
2-Hexanone
Concen: 106.815 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	42.3	63.5
57	19.6	14.1	21.1

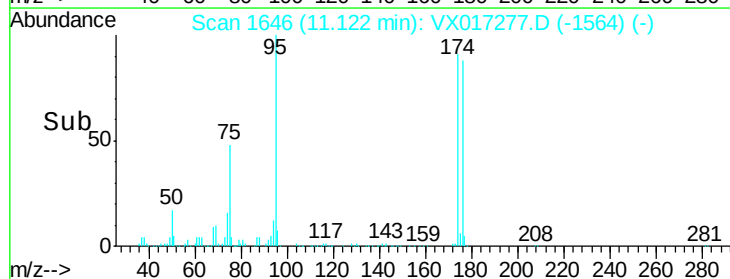
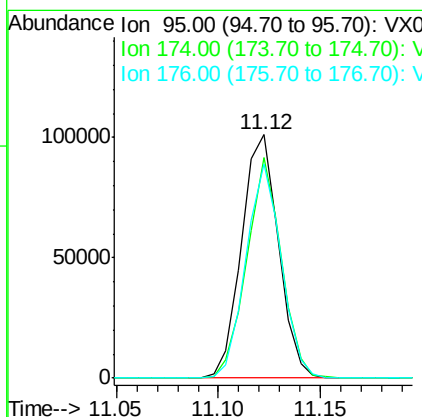
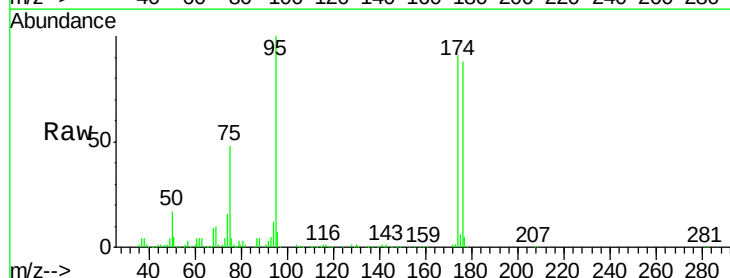
Manual Integrations
APPROVED

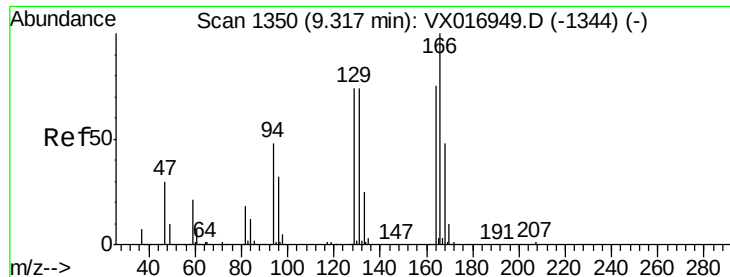
MMDadoda
7/9/2020 11:00:01 AM



#60
4-Bromofluorobenzene
Concen: 30.240 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.3	62.2	93.4
176	84.8	58.9	88.3





#61

Tetrachloroethene

Concen: 24.582 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampled :

VX0708WBSD02

Tot Ion:164 Resp: 79105

Ion Ratio Lower Upper

164 100

166 121.9 106.3 159.5

129 85.3 78.9 118.3

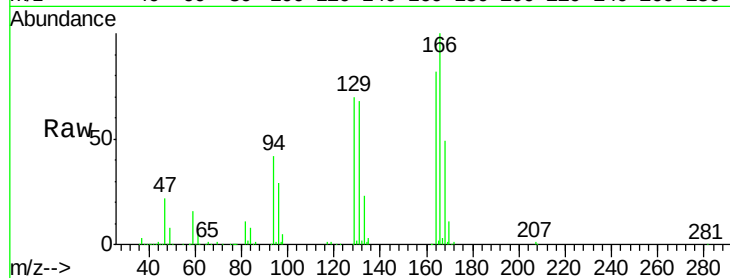
131 83.5 78.2 117.4

Manual Integrations

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MMDadoda

7/9/2020 11:00:01 AM

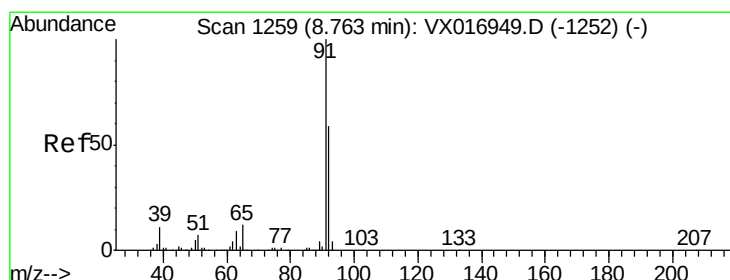
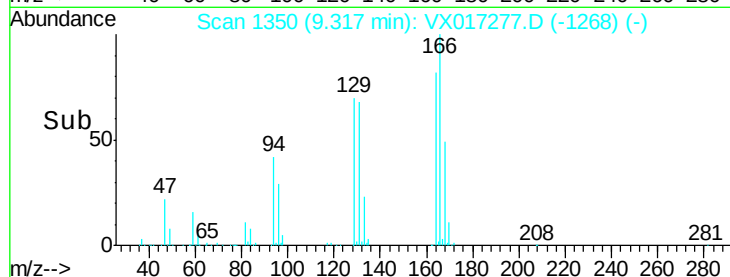
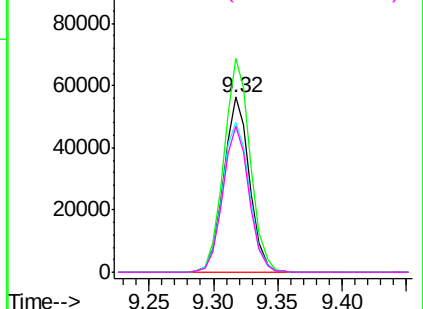


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.784 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017277.D

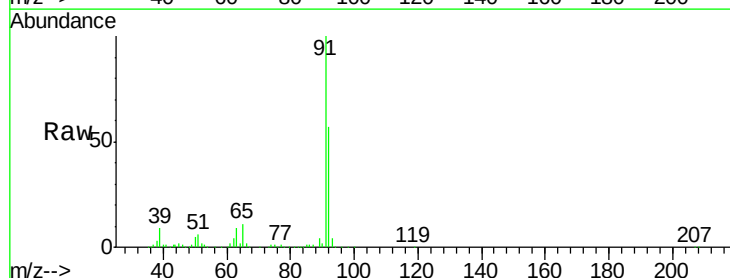
Acq: 08 Jul 2020 23:47

Tgt Ion: 91 Resp: 286846

Ion Ratio Lower Upper

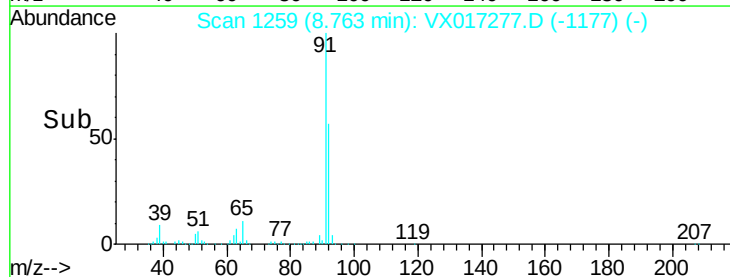
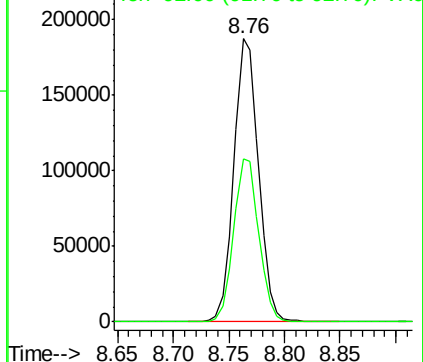
91 100

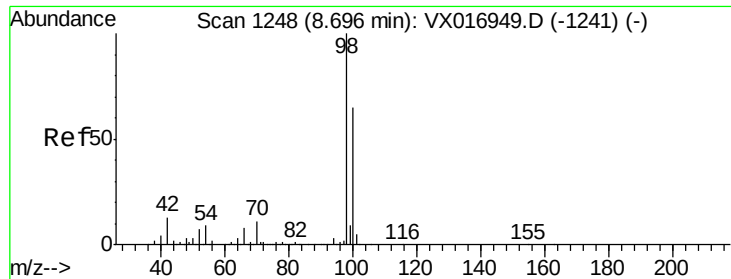
92 58.8 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





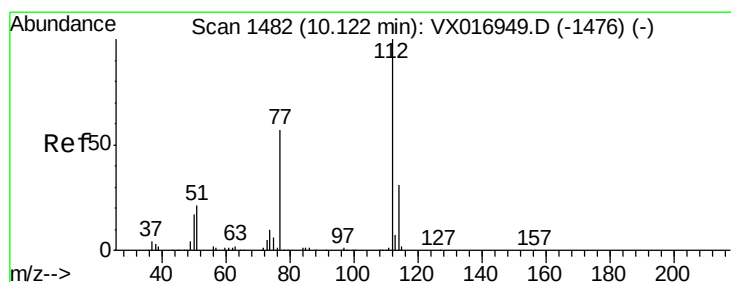
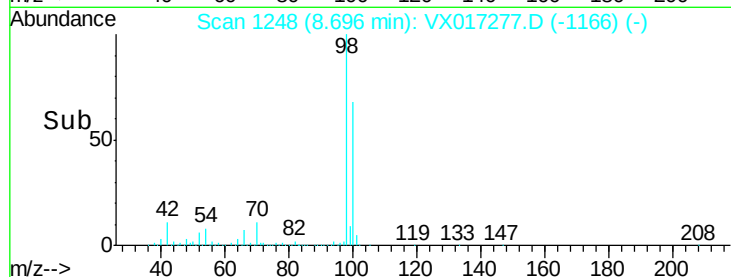
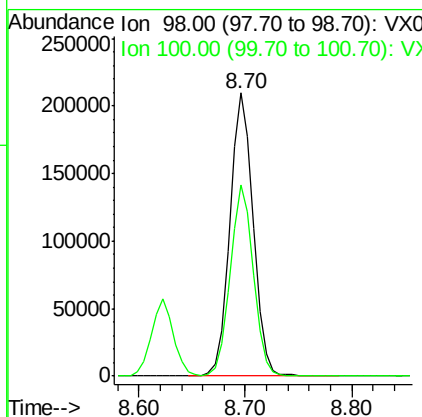
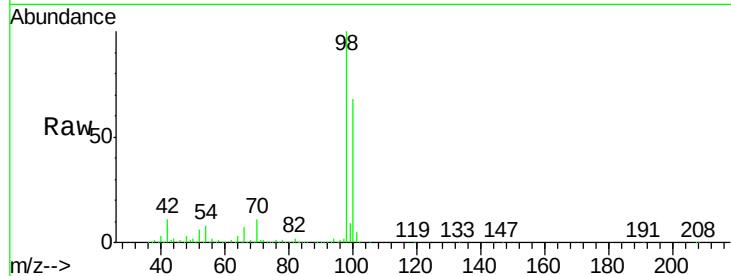
#63
Toluene-d8
Concen: 28.865 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tot Ion: 98 Resp: 321057
Ion Ratio Lower Upper
98 100
100 67.4 52.3 78.5

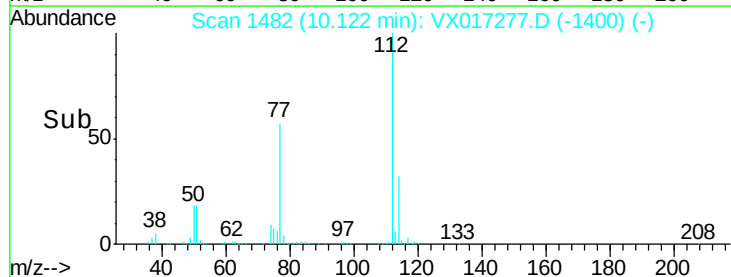
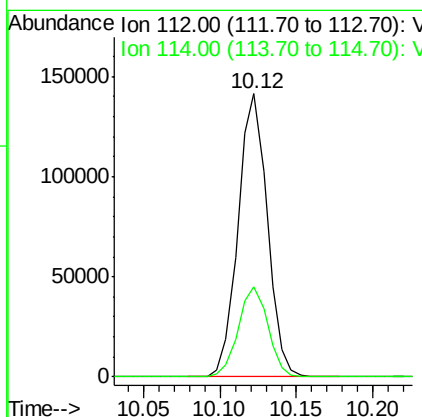
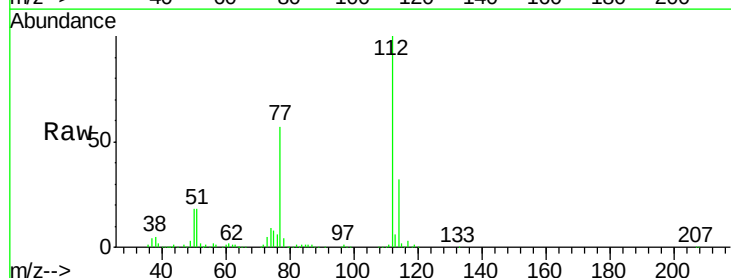
Manual Integrations
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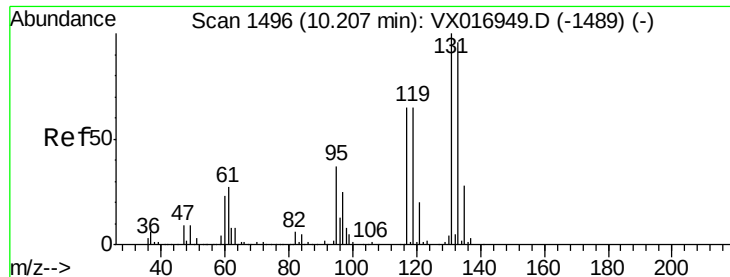
MMDadoda
7/9/2020 11:00:01 AM



#64
Chlorobenzene
Concen: 21.701 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion: 112 Resp: 187639
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 22.911 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

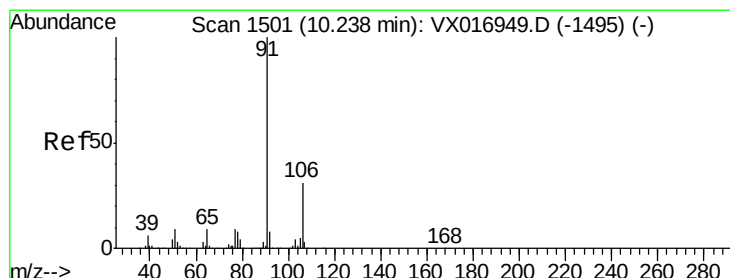
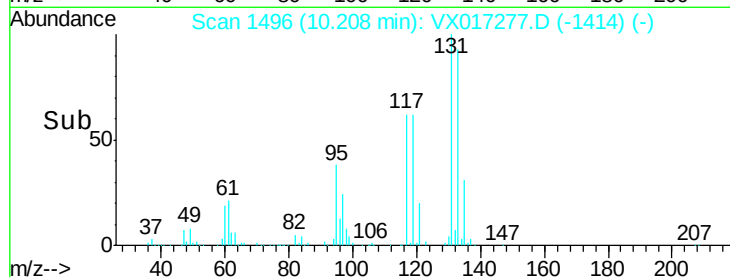
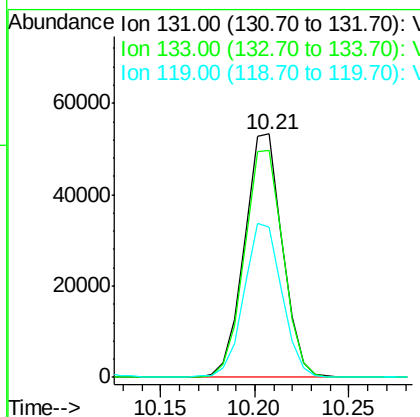
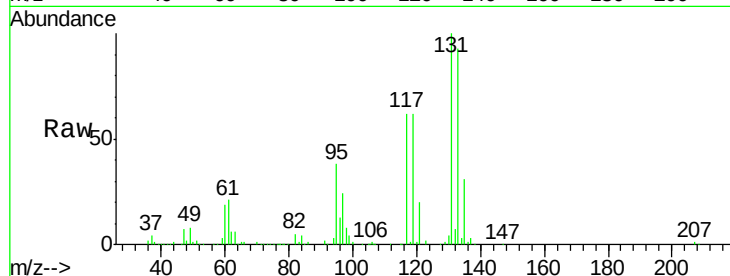
ClientSampled :

VX0708WBSD02

Tot Ion:	131	Resp:	74574
Ion	Ratio	Lower	Upper
131	100		
133	94.7	0.0	190.2
119	63.1	0.0	133.2

Manual Integrations
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7/9/2020 11:00:01 AM



#66

Ethyl Benzene

Concen: 20.485 ug/l

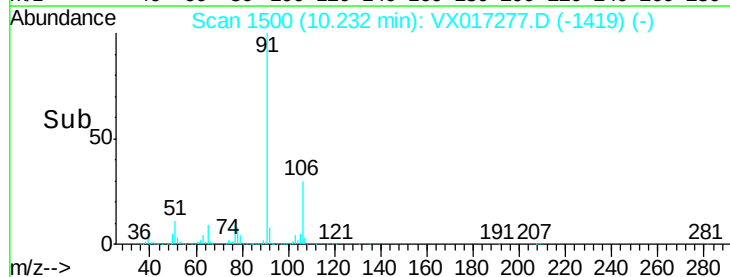
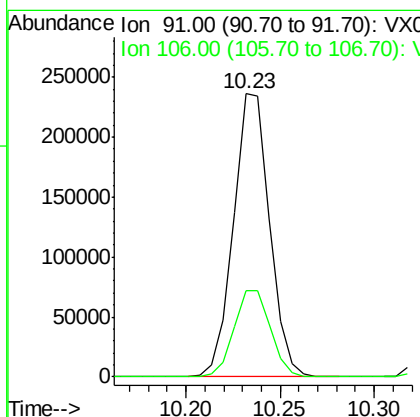
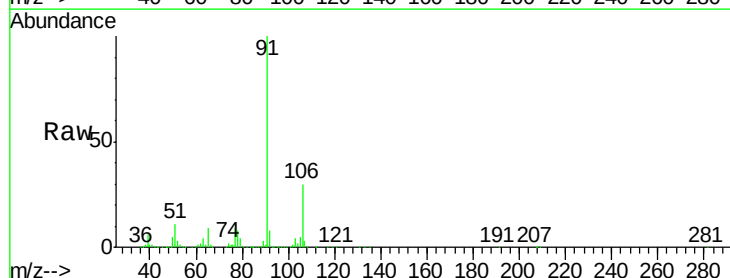
RT: 10.23 min Scan# 1500

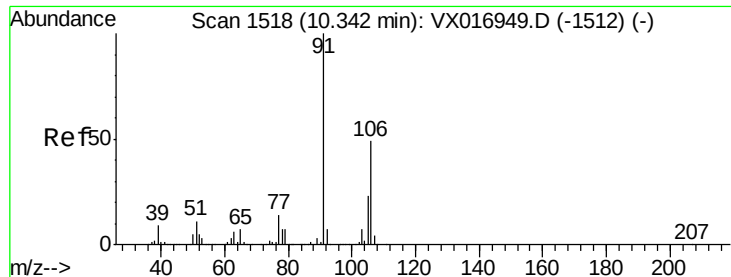
Delta R.T. -0.01 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Tgt Ion:	91	Resp:	313512
Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.8	37.2





#67

m/p-Xylenes

Concen: 42.800 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

Tot Ion:106 Resp: 247108

Ion Ratio Lower Upper

106 100

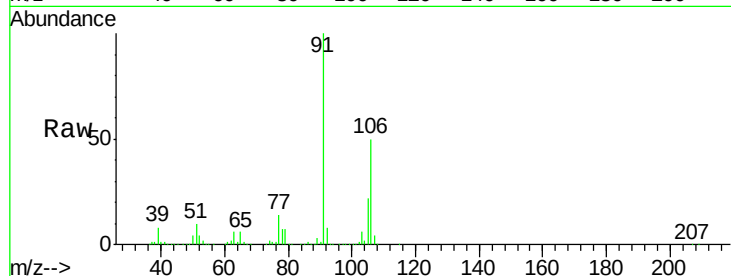
91 201.5 164.5 246.7

Manual Integrations

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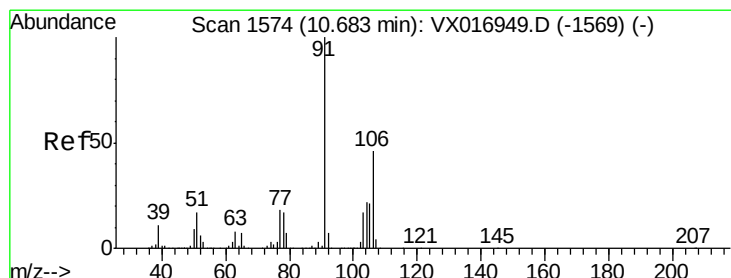
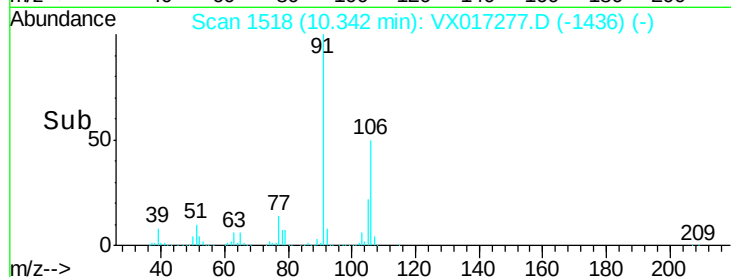
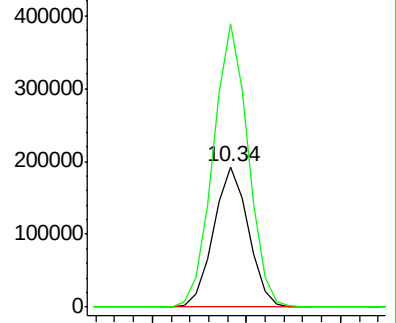
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 21.168 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017277.D

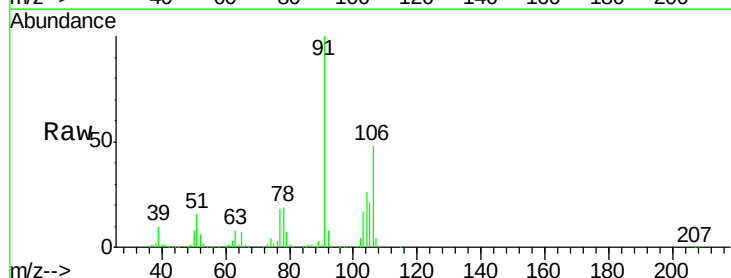
Acq: 08 Jul 2020 23:47

Tgt Ion:106 Resp: 117399

Ion Ratio Lower Upper

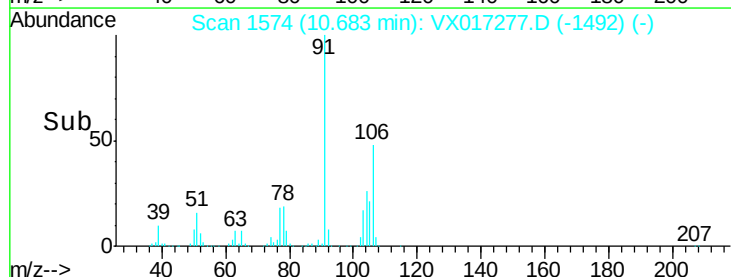
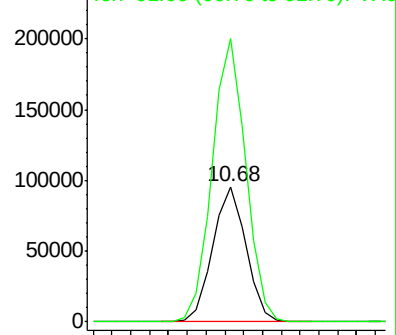
106 100

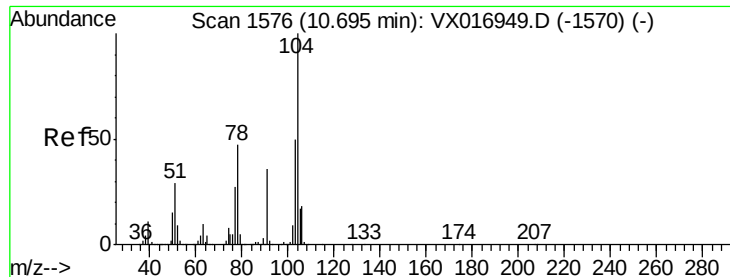
91 210.7 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





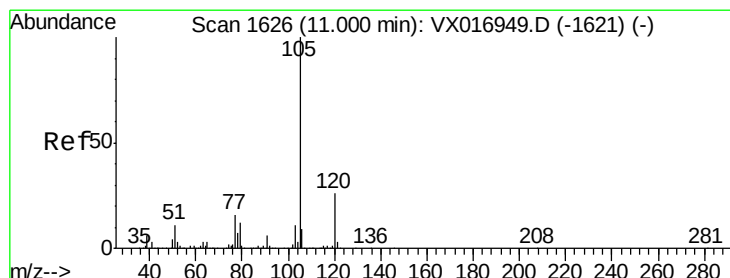
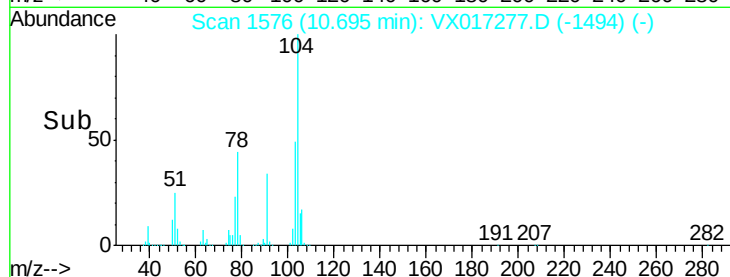
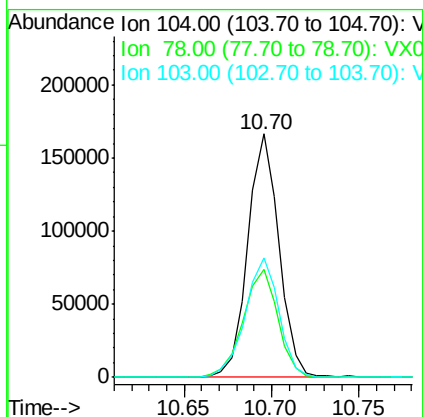
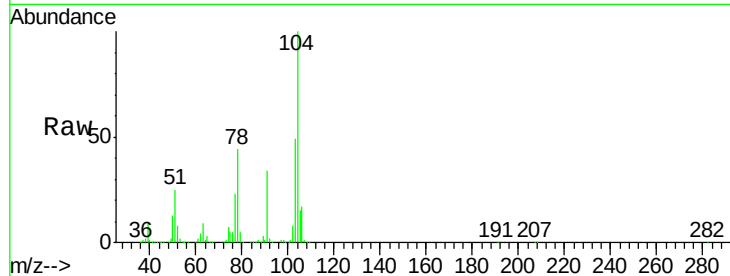
#69
Stvrene
Concen: 21.736 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.5	42.6	64.0
103	53.3	44.1	66.1

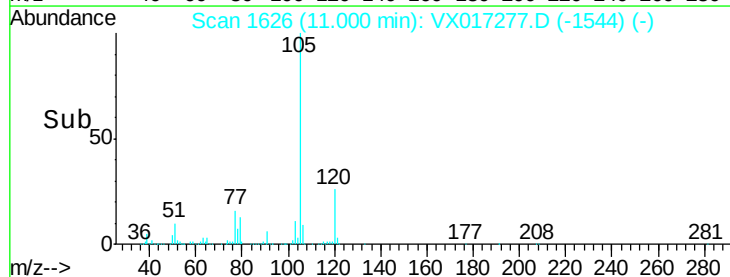
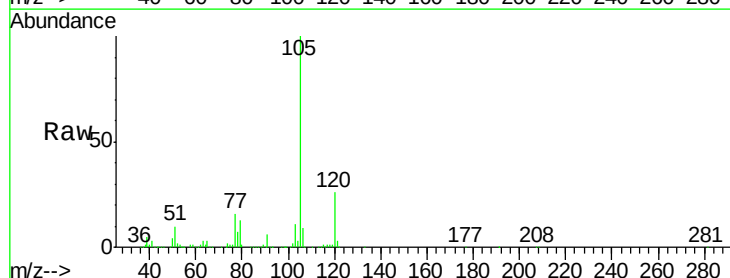
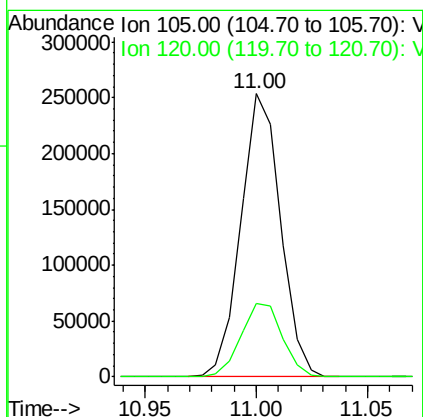
Manual Integrations
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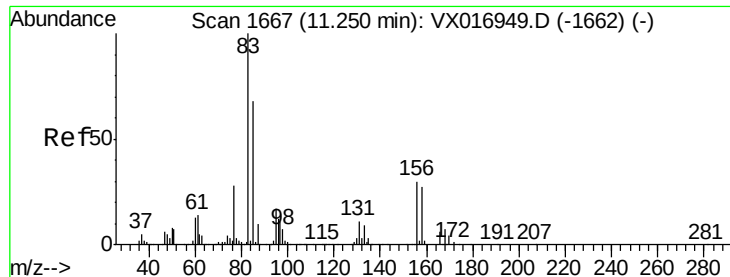
MMDadoda
7/9/2020 11:00:01 AM



#70
Isopropylbenzene
Concen: 20.992 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	19.0	35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 21.804 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

Tot Ion: 83 Resp: 100729

Ion Ratio Lower Upper

83 100

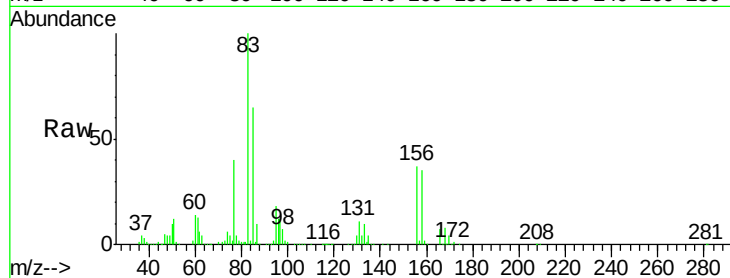
131 11.6 5.2 15.6

85 65.2 33.1 99.3

Manual Integrations
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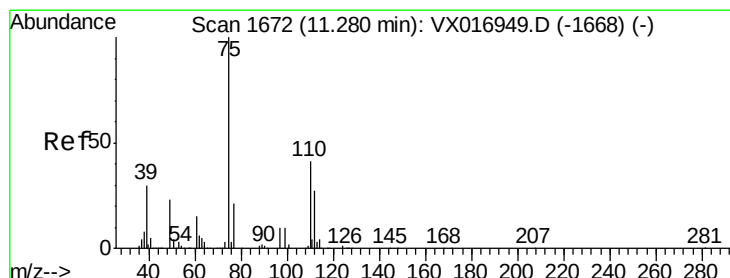
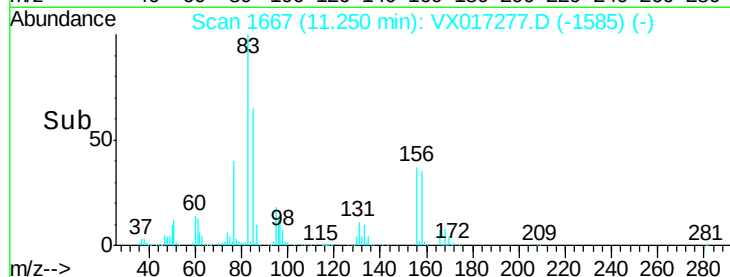
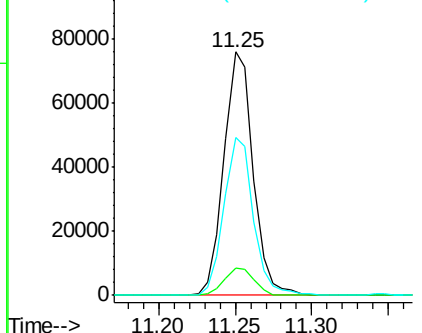
7/9/2020 11:00:01 AM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 22.657 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017277.D

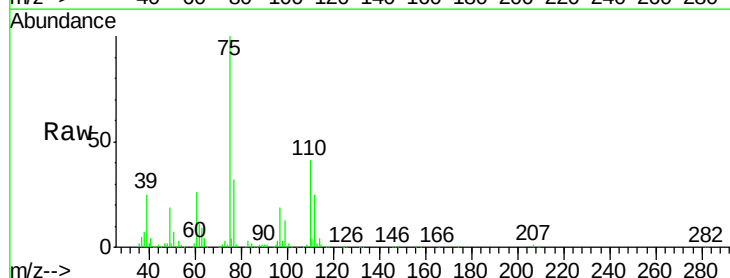
Acq: 08 Jul 2020 23:47

Tgt Ion: 75 Resp: 100515

Ion Ratio Lower Upper

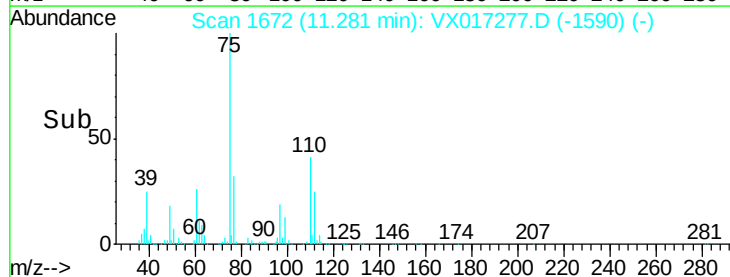
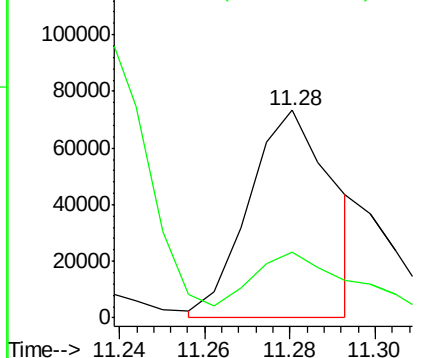
75 100

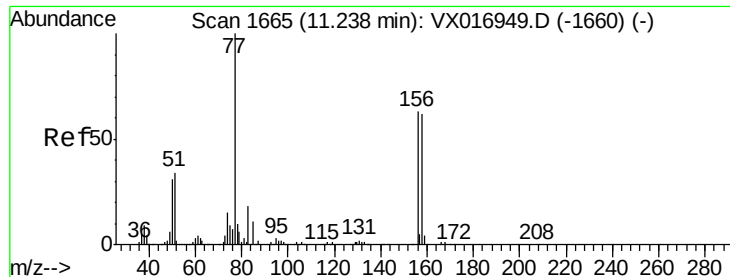
77 37.2 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 23.514 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

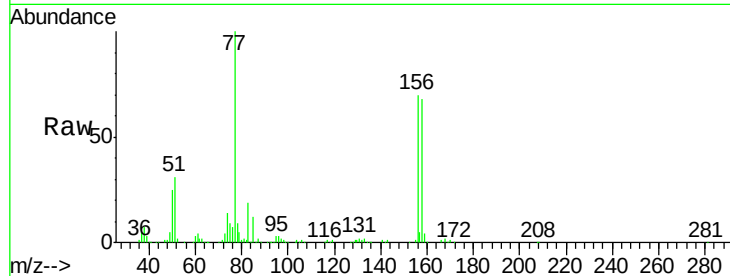
ClientSampled :

VX0708WBSD02

Tot Ion:	156	Resp:	89267
Ion Ratio	Lower	Upper	
156	100		
77	146.5	0.0	317.2
158	95.9	0.0	188.4

Manual Integrations
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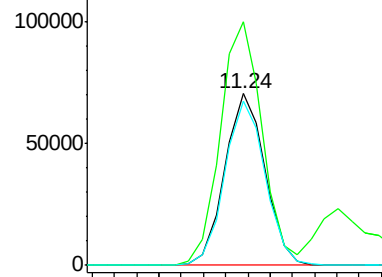
MMDadoda
7/9/2020 11:00:01 AM



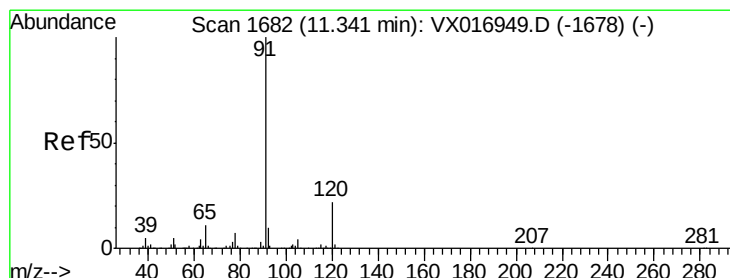
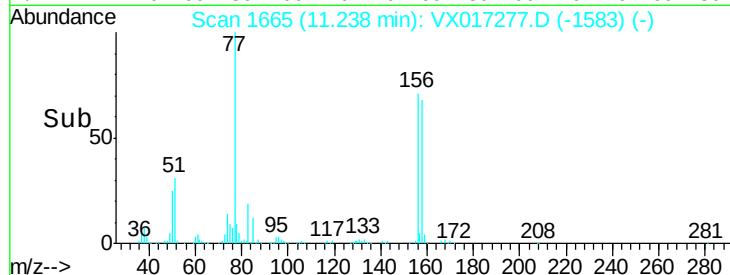
Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



Time-->



#74

n-propylbenzene

Concen: 20.330 ug/l

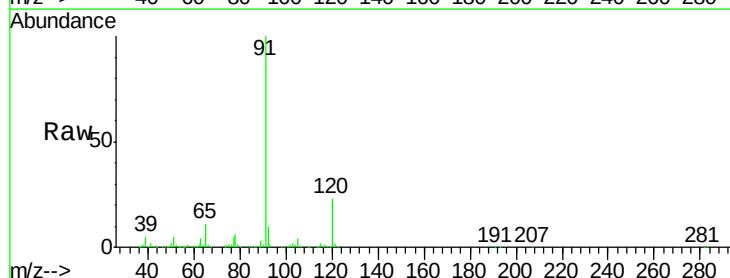
RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017277.D

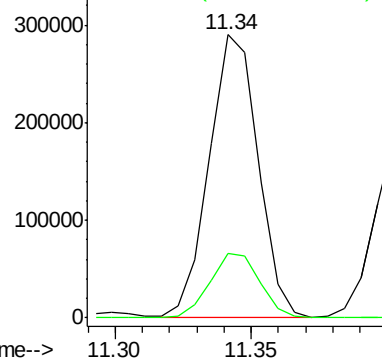
Acq: 08 Jul 2020 23:47

Tgt Ion:	91	Resp:	363090
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	45.6

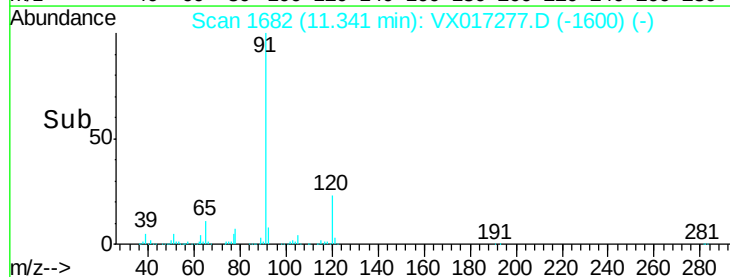


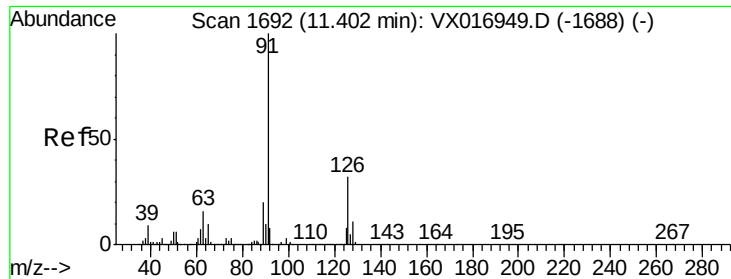
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





#75

2-Chlorotoluene

Concen: 21.479 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

Tot Ion: 91 Resp: 223696

Ion Ratio Lower Upper

91 100

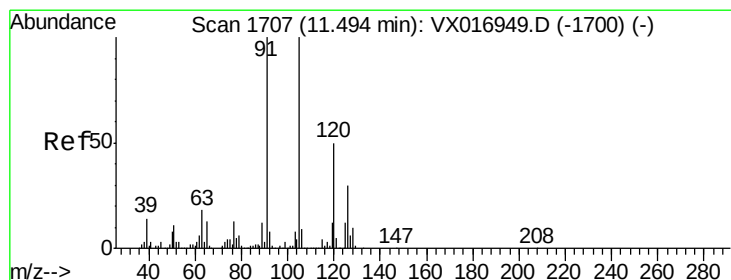
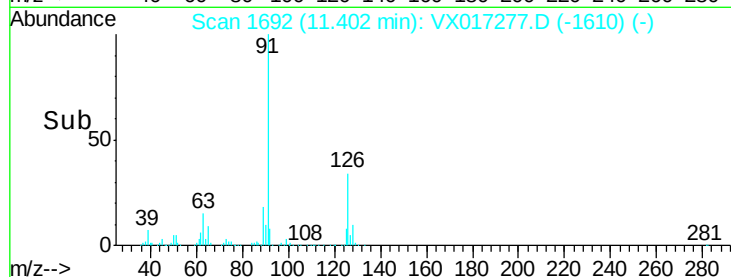
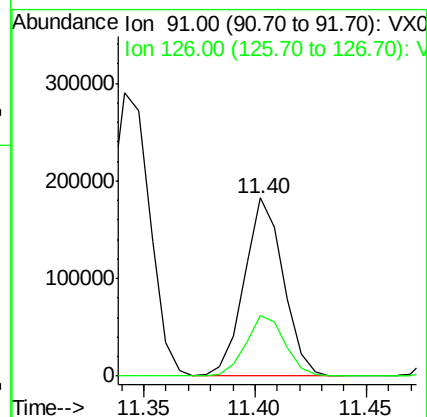
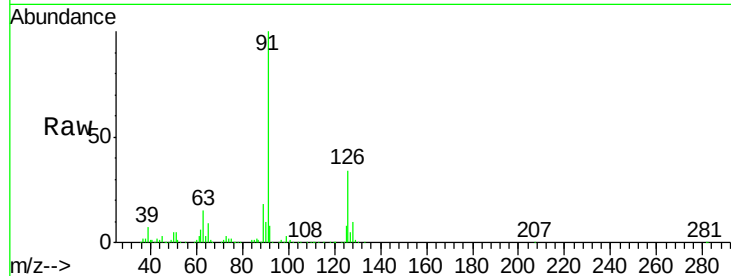
126 34.4 0.0 68.0

Manual Integrations

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MMDadoda

7/9/2020 11:00:01 AM



#76

1,3,5-Trimethylbenzene

Concen: 21.499 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017277.D

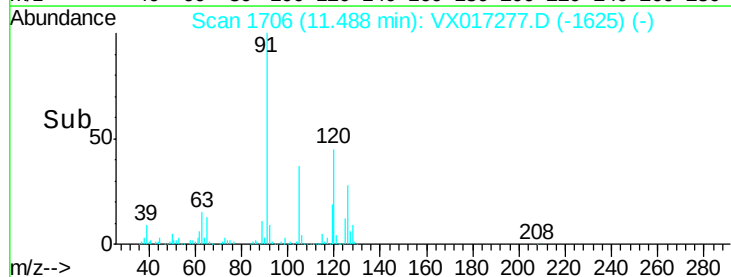
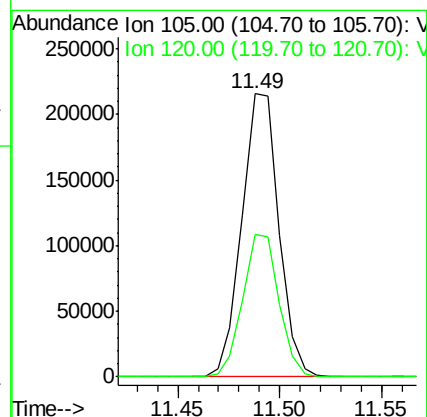
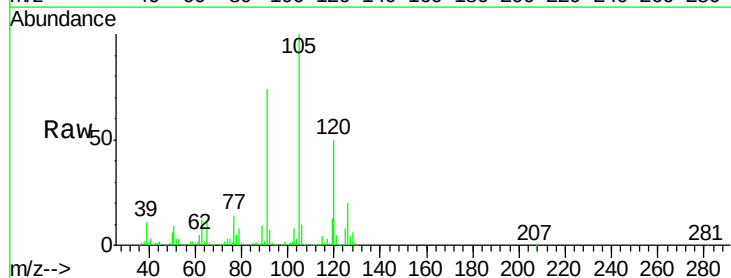
Acq: 08 Jul 2020 23:47

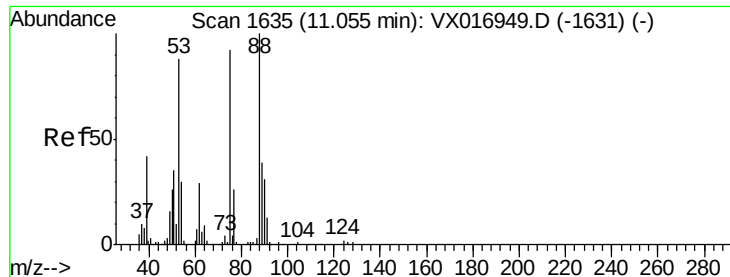
Tgt Ion: 105 Resp: 271447

Ion Ratio Lower Upper

105 100

120 49.5 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 19.498 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBSD02

Tot Ion: 75 Resp: 35055

Ion Ratio Lower Upper

75 100

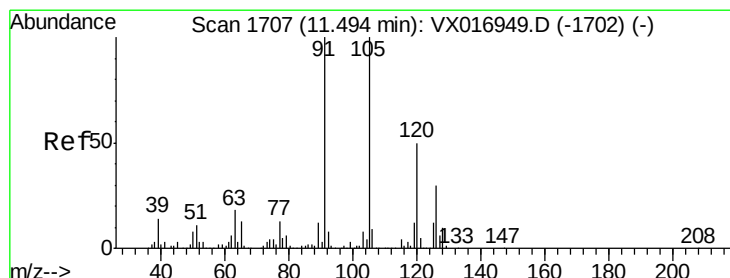
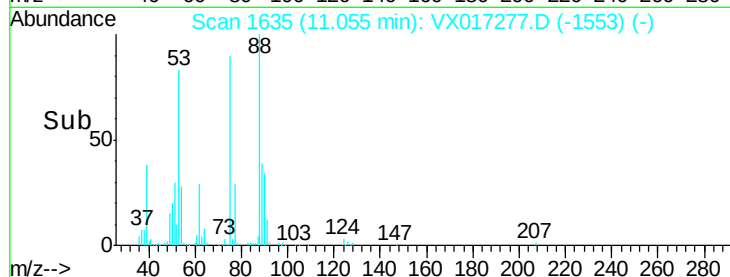
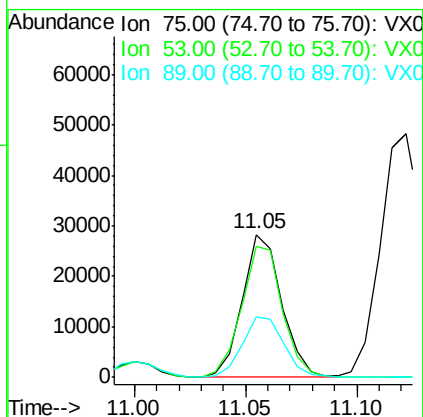
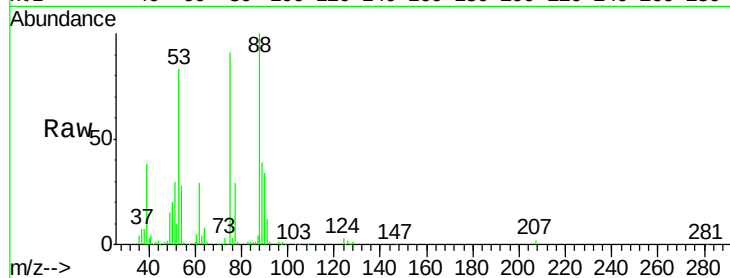
53 91.6 47.6 142.9

89 42.7 21.1 63.4

Manual Integrations
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#78

4-Chlorotoluene

Concen: 21.411 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017277.D

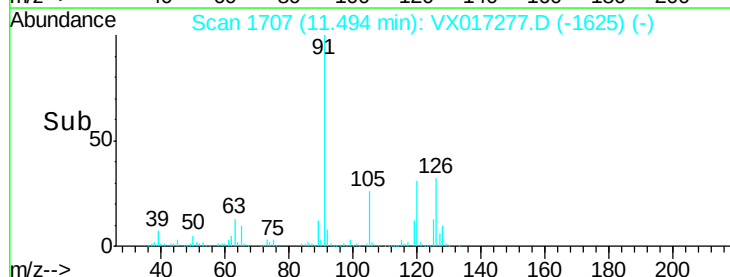
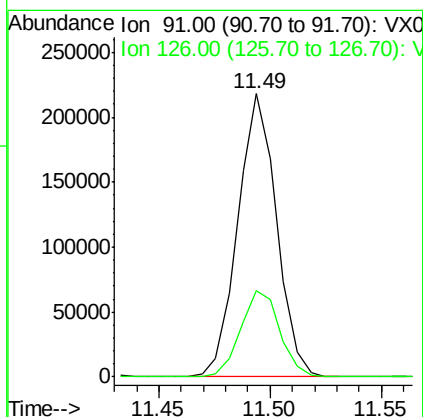
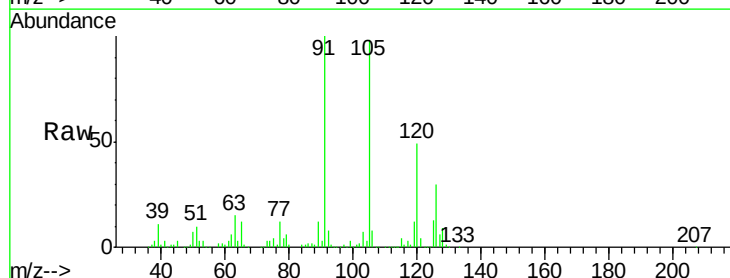
Acq: 08 Jul 2020 23:47

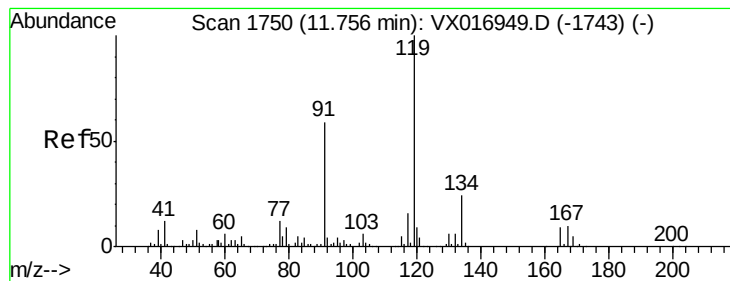
Tgt Ion: 91 Resp: 264023

Ion Ratio Lower Upper

91 100

126 30.8 0.0 60.6





#79

tert-butylbenzene

Concen: 21.676 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

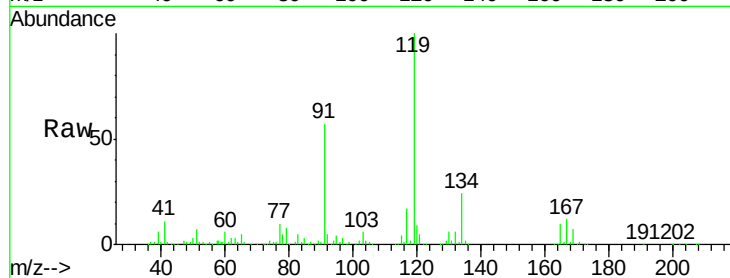
ClientSampled :

VX0708WBSD02

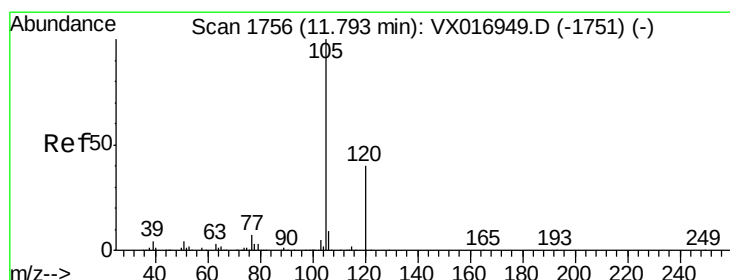
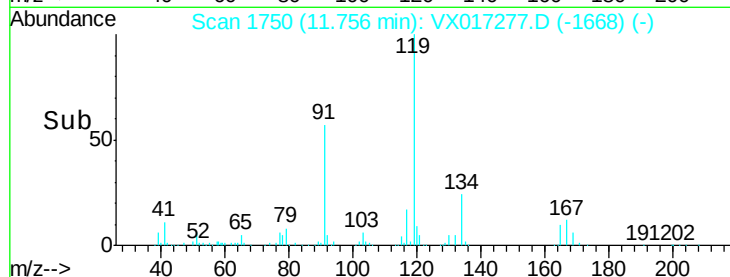
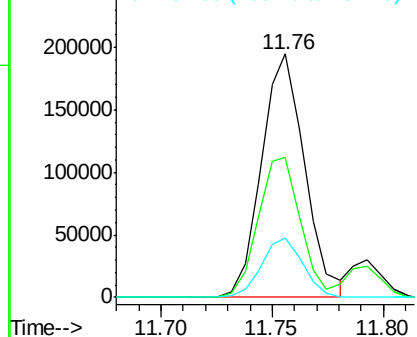
Tot Ion:	119	Resp:	262181
Ion Ratio	Lower	Upper	
119	100		
91	56.1	0.0	115.2
134	23.4	0.0	45.8

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 21.616 ug/l

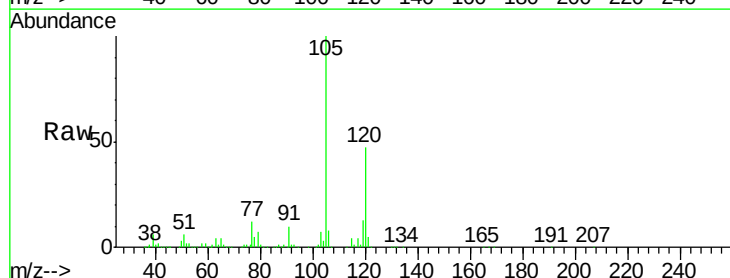
RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

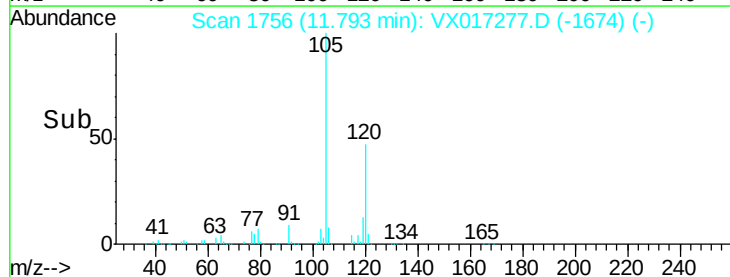
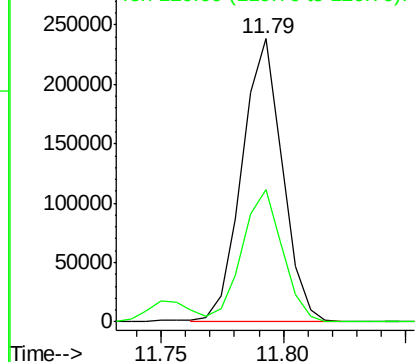
Lab File: VX017277.D

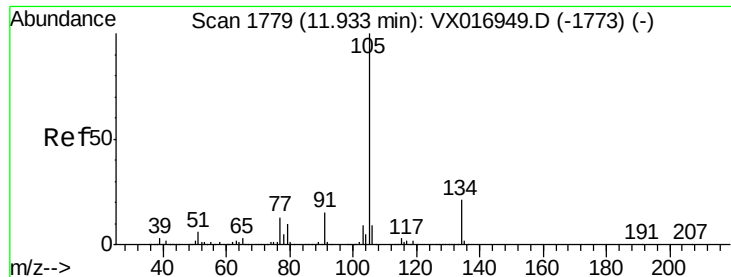
Acq: 08 Jul 2020 23:47

Tgt Ion:	105	Resp:	274000
Ion Ratio	Lower	Upper	
105	100		
120	46.7	0.0	89.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





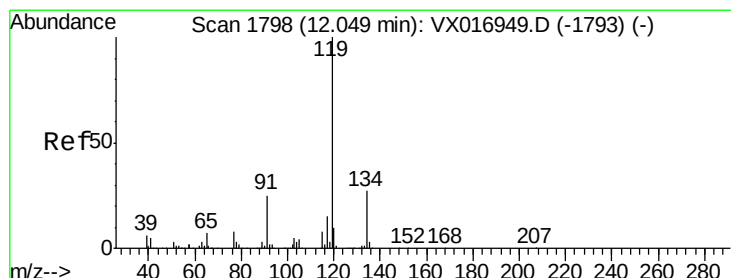
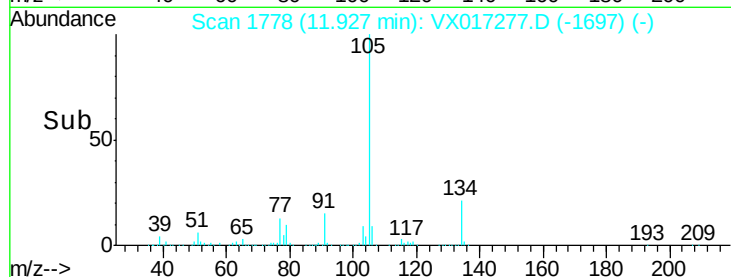
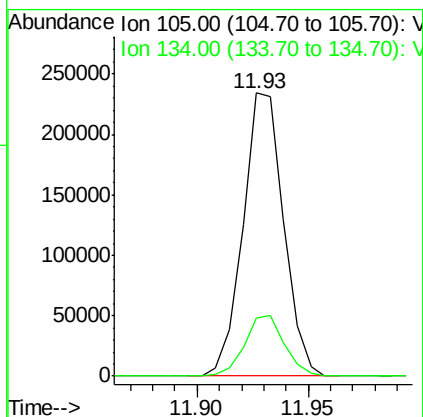
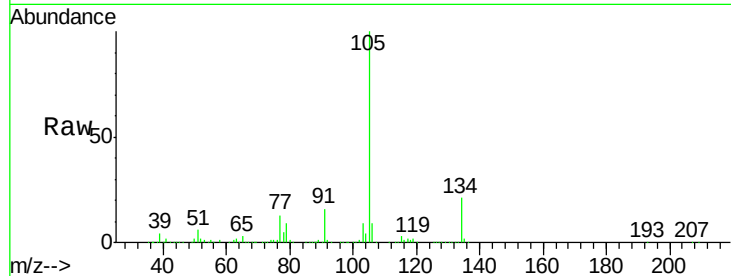
#81
 sec-Butylbenzene
 Concen: 20.414 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0708WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	298952		
134	20.9	0.0	41.2	

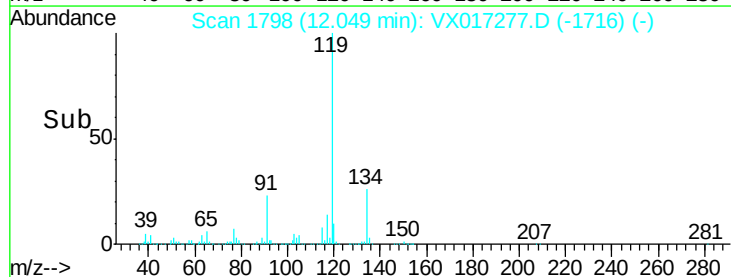
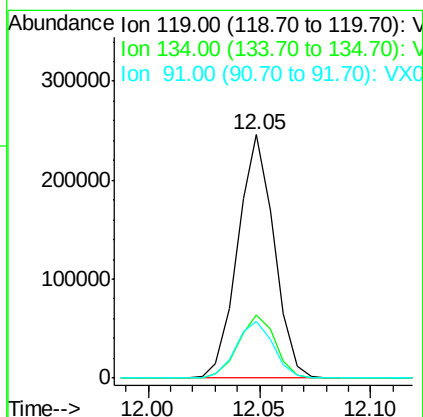
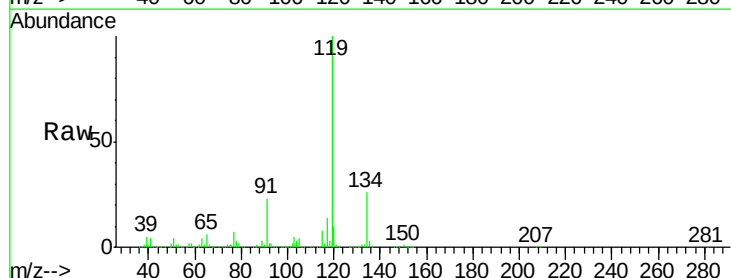
Manual Integrations
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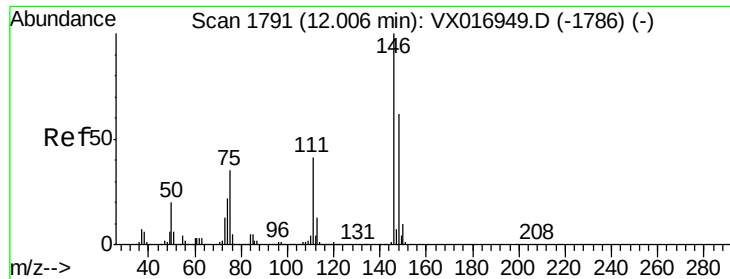
MMDadoda
 7/9/2020 11:00:01 AM



#82
 p-Isopropyltoluene
 Concen: 21.019 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	277921		
134	26.5	0.0	53.0	
91	24.1	0.0	49.0	





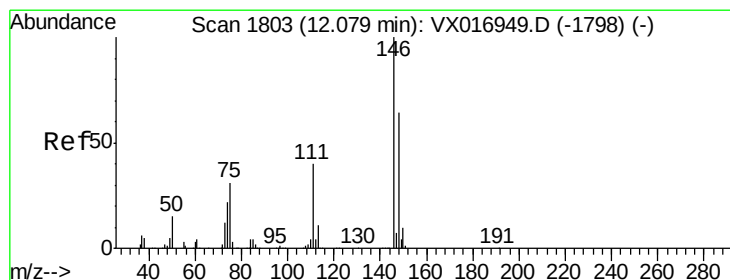
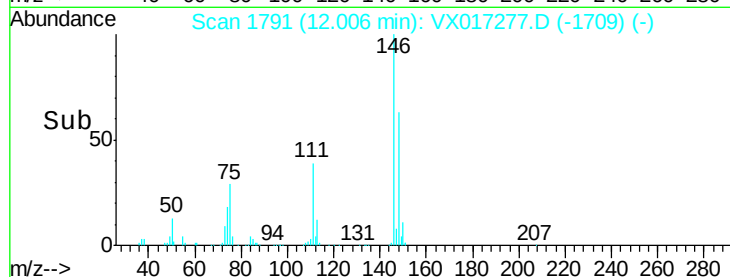
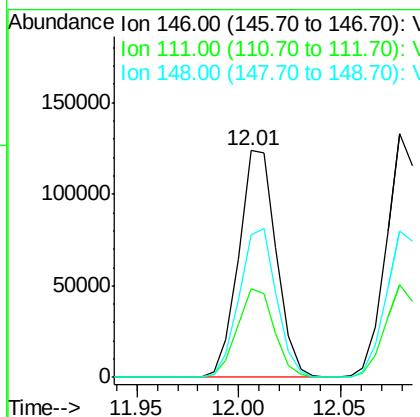
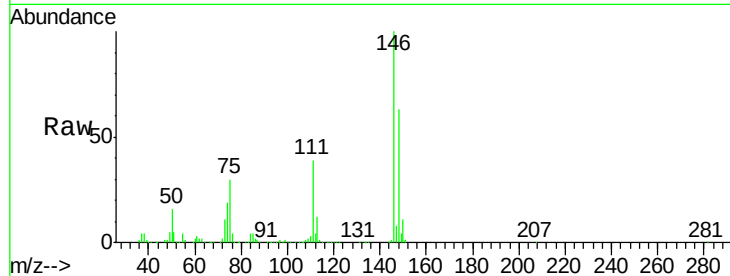
#83
 1,3-Dichlorobenzene
 Concen: 23.366 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.5	58.5
148	64.7	31.8	95.4

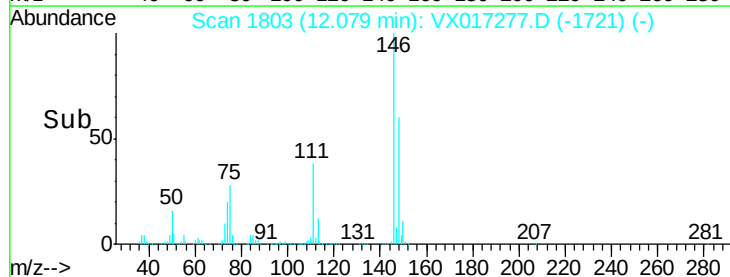
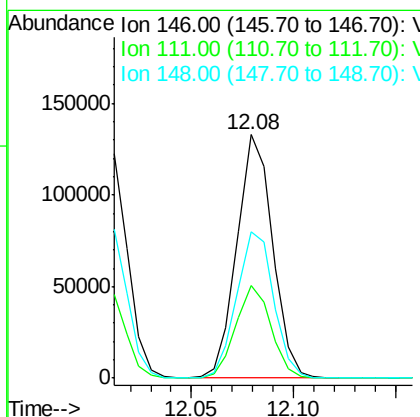
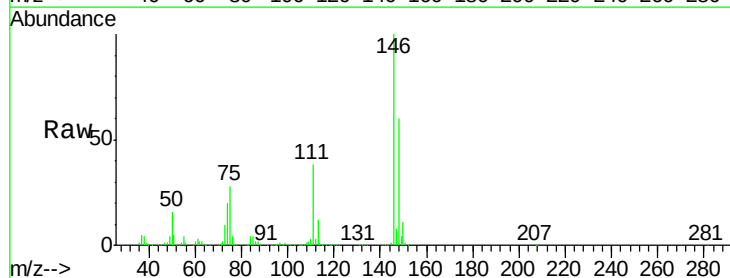
Manual Integrations
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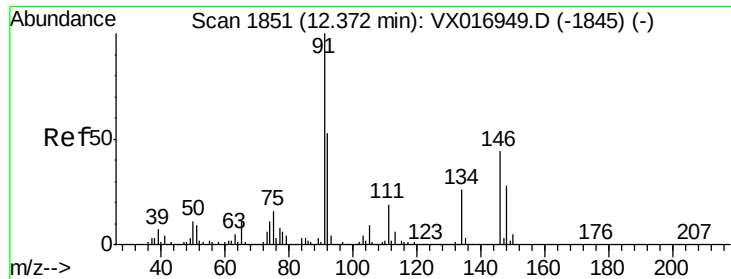
MMDadoda
 7/9/2020 11:00:01 AM



#84
 1,4-Dichlorobenzene
 Concen: 23.656 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.4	58.2
148	62.2	32.1	96.3





#85

n-Butylbenzene

Concen: 18.551 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Instrument :

MSVOA_X

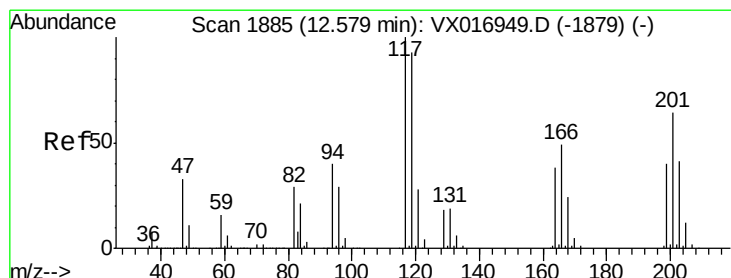
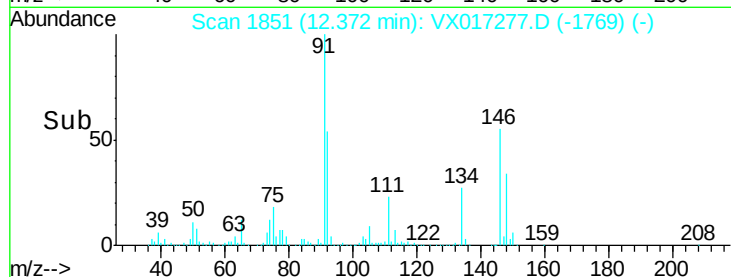
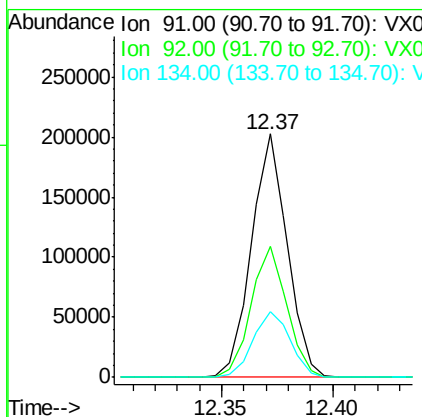
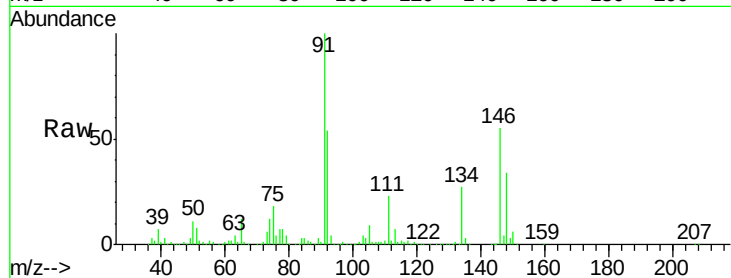
ClientSampled :

VX0708WBSD02

Tot Ion:	91	Resp:	227046
Ion	Ratio	Lower	Upper
91	100		
92	54.1	0.0	105.8
134	28.2	0.0	52.2

Manual Integrations
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7/9/2020 11:00:01 AM



#86

Hexachloroethane

Concen: 20.833 ug/l

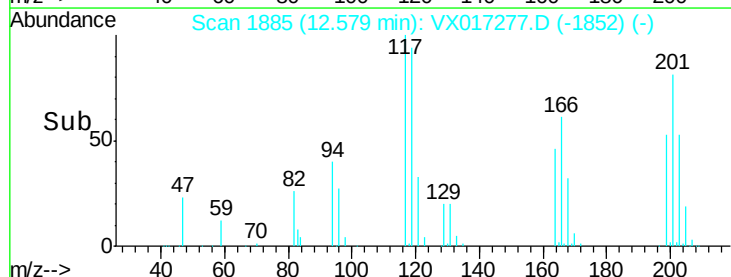
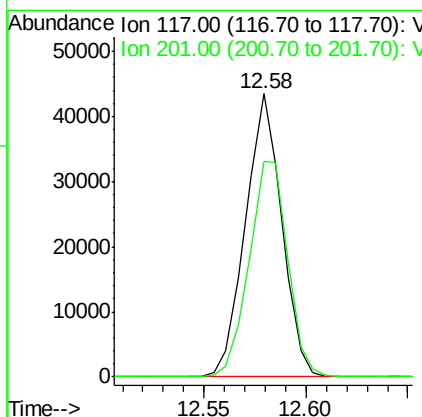
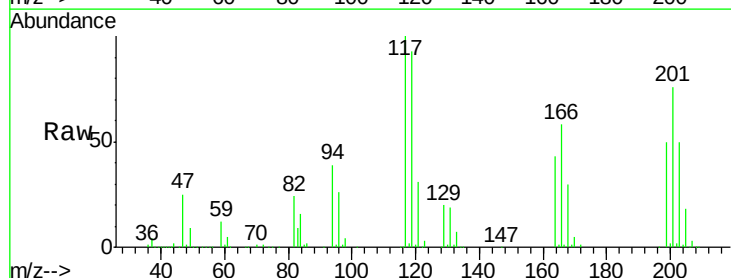
RT: 12.58 min Scan# 1885

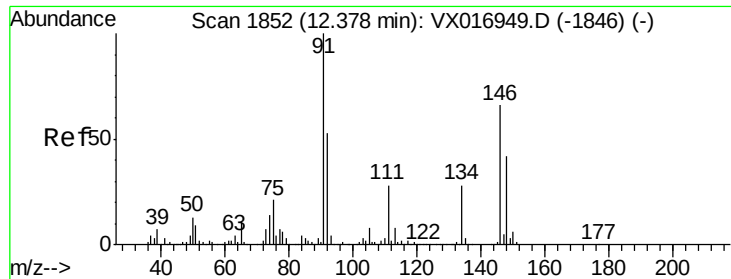
Delta R.T. 0.00 min

Lab File: VX017277.D

Acq: 08 Jul 2020 23:47

Tgt Ion:	117	Resp:	53910
Ion	Ratio	Lower	Upper
117	100		
201	80.9	34.6	103.9





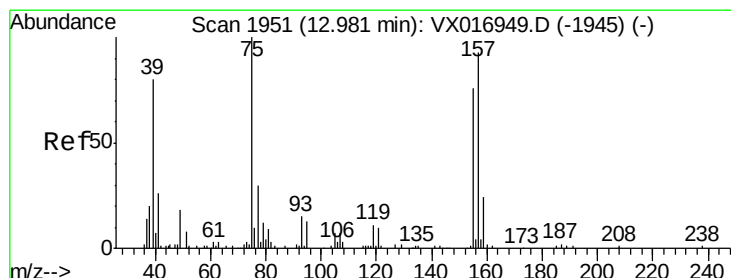
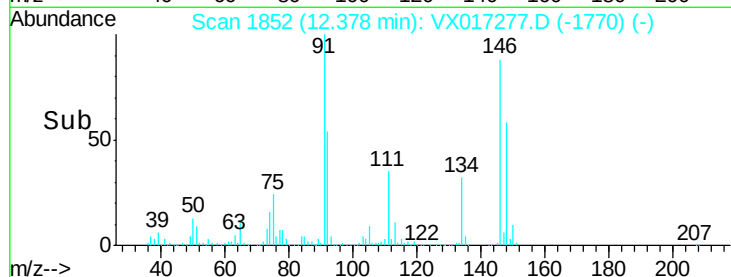
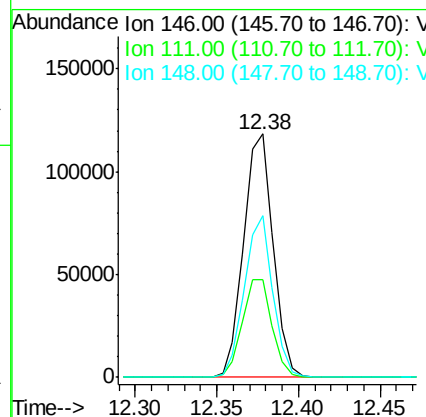
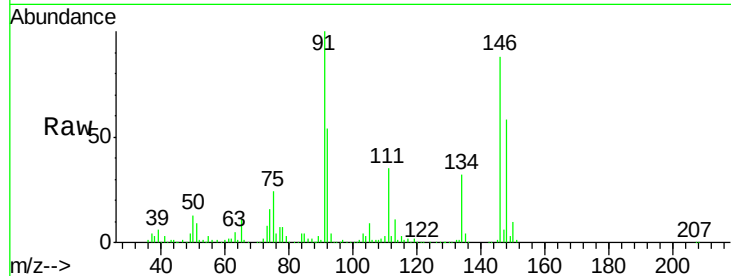
#87
 1,2-Dichlorobenzene
 Concen: 23.510 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	21.1	63.1
148	63.7	32.1	96.3

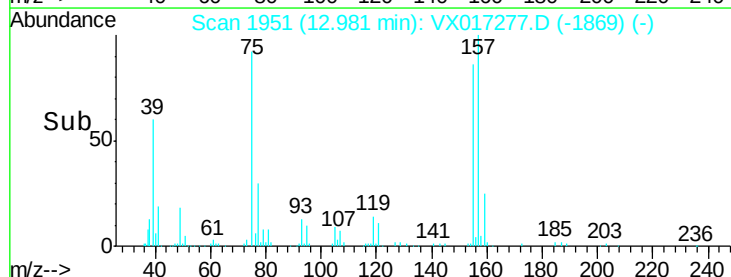
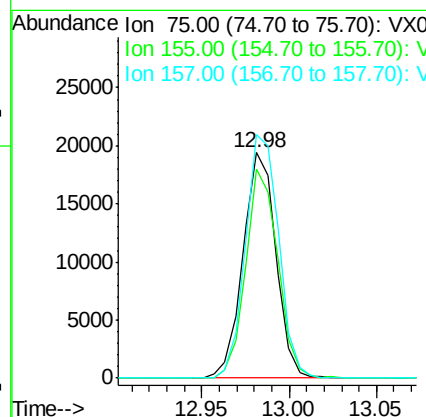
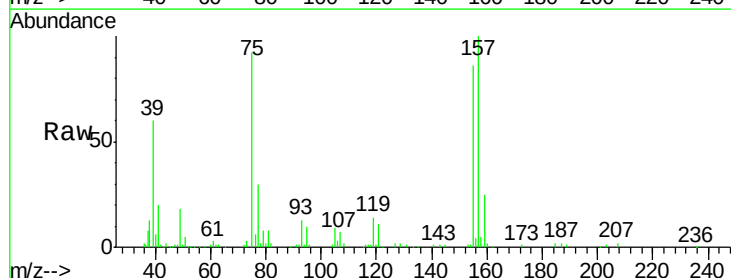
Manual Integrations
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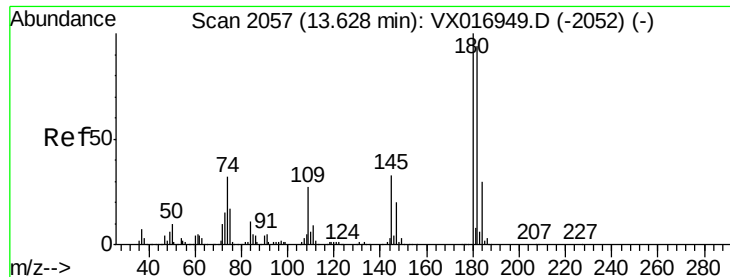
MMDadoda
 7/9/2020 11:00:01 AM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 24.204 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017277.D
 Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	65.0	97.6
157	108.9	83.0	124.4





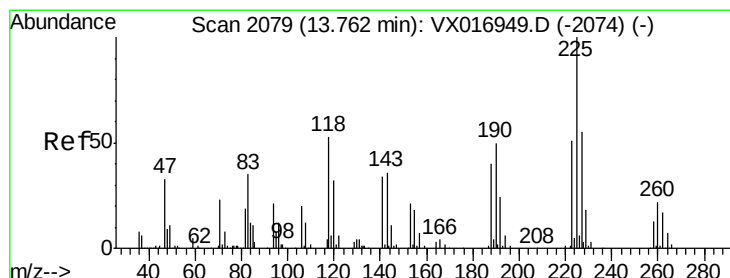
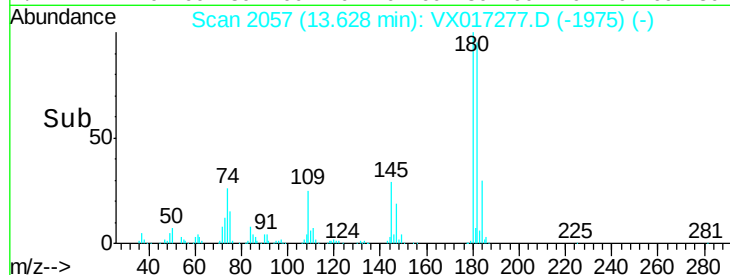
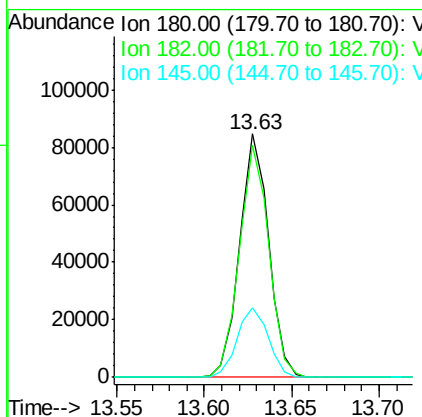
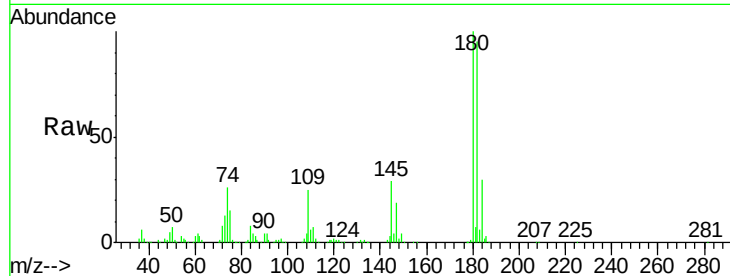
#89
1,2,4-Trichlorobenzene
Concen: 22.779 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	97859		
182	96.5		77.7	116.5
145	30.8		26.2	39.2

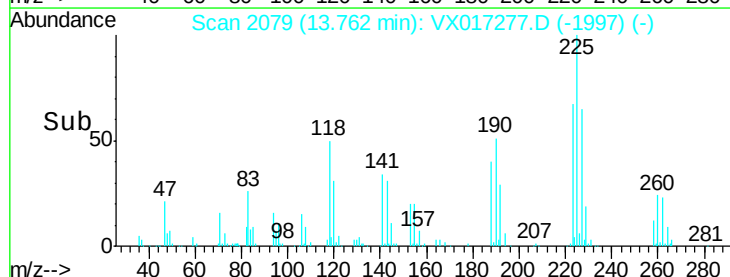
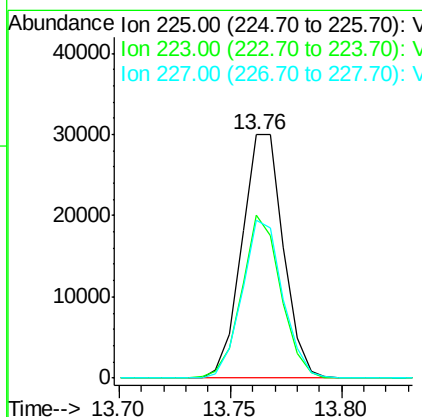
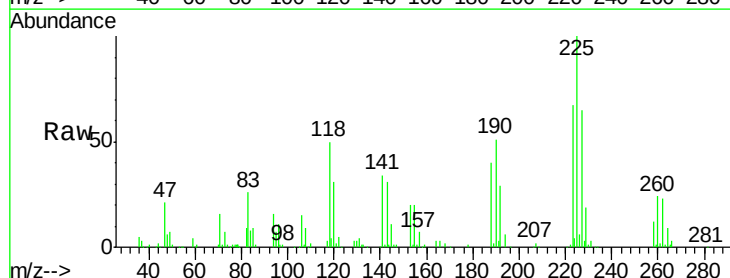
Manual Integrations
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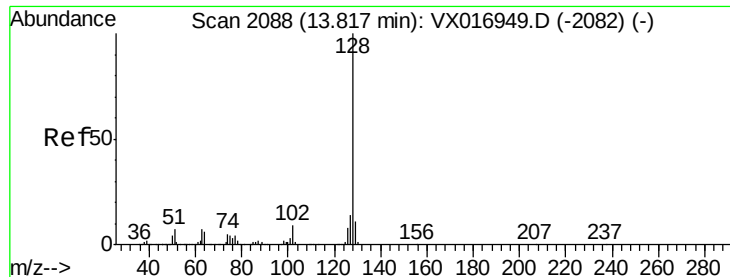
MMDadoda
7/9/2020 11:00:01 AM



#90
Hexachlorobutadiene
Concen: 23.828 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38941		
223	63.0		0.0	125.0
227	63.5		0.0	124.0





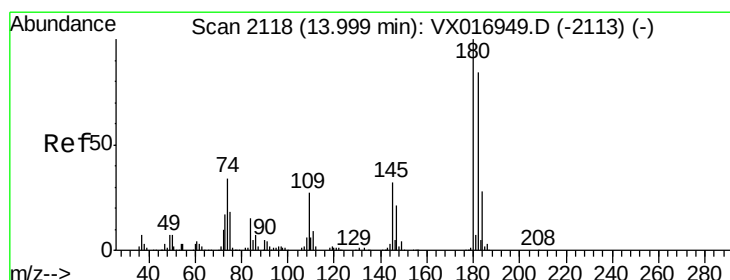
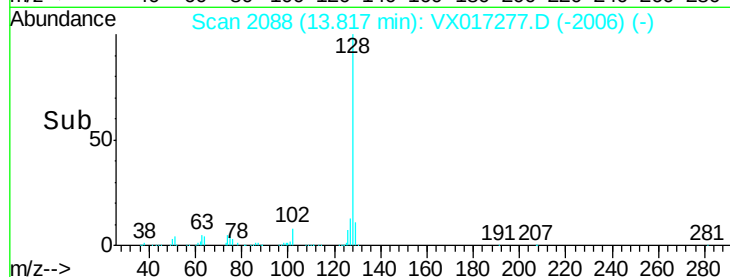
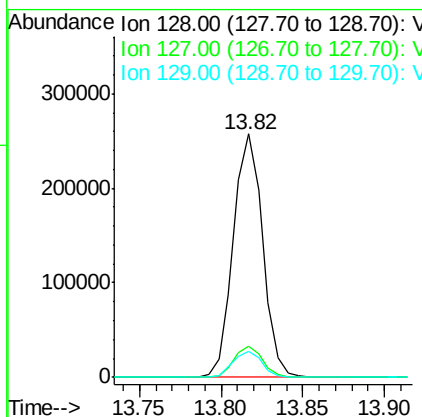
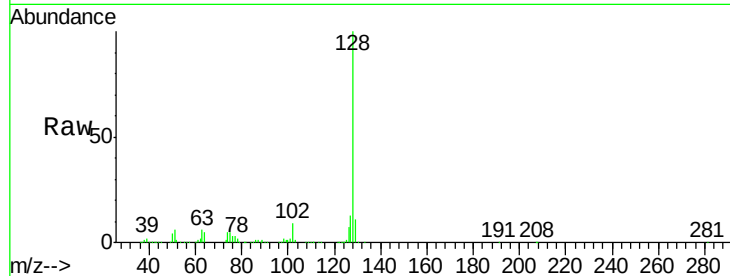
#91
Naphthalene
Concen: 22.849 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.9	9.0	13.4

Manual Integrations
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7/9/2020 11:00:01 AM



#92
1,2,3-Trichlorobenzene
Concen: 23.724 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017277.D
Acq: 08 Jul 2020 23:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	184.8
145	33.3	0.0	68.0

