

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072720\
 Data File : VX017618.D
 Acq On : 27 Jul 2020 15:13
 Operator : JC/SP
 Sample : VX0727WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0727WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:31:17 AM

Quant Time: Jul 28 01:19:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	109384	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	585914	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	539138	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	248872	29.61	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.70%
60) 4-Bromofluorobenzene	11.12	95	273919	30.00	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.00%
63) Toluene-d8	8.70	98	701318	29.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	185754	22.110	ug/l 96
3) Chloromethane	1.32	50	151967	18.699	ug/l 95
4) Vinyl Chloride	1.39	62	148936	18.413	ug/l 99
5) Bromomethane	1.64	94	94335	18.885	ug/l 93
6) Chloroethane	1.72	64	81778	17.941	ug/l 98
7) Trichlorofluoromethane	1.92	101	221083	17.652	ug/l 99
8) Diethyl Ether	2.17	74	60664	16.801	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100601	17.743	ug/l 97
10) 1,1-Dichloroethene	2.36	96	92659	17.609	ug/l 94
11) Methyl Iodide	2.50	142	90582	13.675	ug/l 99
12) Methyl Acetate	2.75	43	148489	18.556	ug/l 97
13) Acrolein	2.28	56	85075	71.748	ug/l 100
14) Acrylonitrile	3.12	53	307919	92.034	ug/l 99
15) Acetone	2.42	58	82813	90.615	ug/l 96
16) Carbon Disulfide	2.55	76	247962	17.775	ug/l 99
17) Allyl chloride	2.71	41	171591	17.154	ug/l 95
18) Methylene Chloride	2.84	84	109738	17.774	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	96316	17.130	ug/l 99
20) Diisopropyl ether	3.82	45	374076	18.674	ug/l # 87
21) 1,1-Dichloroethane	3.67	63	198612	18.525	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	124157	18.688	ug/l 95
23) tert-Butyl Alcohol	3.01	59	139608	89.021	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	371895	17.760	ug/l 98
25) Chloroform	5.18	83	216384	18.171	ug/l 93
26) Cyclohexane	5.55	56	189544	19.877	ug/l # 97
29) 1,1-Dichloropropene	5.77	75	145780	17.500	ug/l 98
30) 2-Butanone	4.64	43	438818	93.051	ug/l 99
31) 2,2-Dichloropropane	4.56	77	179795	16.740	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	199075	17.678	ug/l 98
33) Carbon Tetrachloride	5.75	117	177551	17.058	ug/l 98
34) Benzene	6.12	78	427317	18.143	ug/l 99
35) Methacrylonitrile	5.01	41	92819	17.688	ug/l 95
36) 1,2-Dichloroethane	6.17	62	175497	17.534	ug/l 98
37) Trichloroethene	7.20	130	133512	18.467	ug/l 89
38) Methylcyclohexane	7.44	83	187855	17.820	ug/l 99
39) 1,2-Dichloropropane	7.49	63	120255	18.286	ug/l 95
40) Dibromomethane	7.64	93	81506	17.458	ug/l 97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:31:17 AM

Quant Time: Jul 28 01:19:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:38:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	178045	17.221	ug/l	93
42) Vinyl Acetate	3.79	43	1368810	87.881	ug/l	100
43) Ethyl Acetate	4.80	43	155054	17.848	ug/l	98
44) Isopropyl Acetate	6.42	43	265487	17.597	ug/l	98
45) 1,4-Dioxane	7.71	88	55770	356.298	ug/l	98
46) Methyl methacrylate	7.74	41	134300	17.524	ug/l	94
47) n-amyl Acetate	10.88	43	230834	17.566	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	192091	17.056	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	200681	16.655	ug/l	94
50) 1,1,2-Trichloroethane	9.20	97	122591	18.329	ug/l	98
51) Ethyl methacrylate	9.16	69	181348	17.982	ug/l	98
52) 1,3-Dichloropropane	9.35	76	201412	18.471	ug/l	100
53) Dibromochloromethane	9.57	129	148382	17.468	ug/l	98
54) 1,2-Dibromoethane	9.65	107	129515	17.804	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	479527	88.997	ug/l	99
56) Bromoform	10.84	173	115644	17.837	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	877981	91.242	ug/l	99
59) 2-Hexanone	9.47	43	652900	96.411	ug/l	99
61) Tetrachloroethene	9.32	164	136147	18.534	ug/l	97
62) Toluene	8.77	91	477601	17.826	ug/l	100
64) Chlorobenzene	10.12	112	319714	18.258	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	135240	18.466	ug/l	99
66) Ethyl Benzene	10.24	91	547341	18.505	ug/l	99
67) m/p-Xylenes	10.34	106	422209	38.101	ug/l	99
68) o-Xylene	10.68	106	199582	18.130	ug/l	95
69) Styrene	10.70	104	353590	18.423	ug/l	99
70) Isopropylbenzene	11.00	105	565657	17.592	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	173088	19.314	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	171277m	19.063	ug/l	
73) Bromobenzene	11.24	156	153546	18.080	ug/l	99
74) n-propylbenzene	11.34	91	655609	18.090	ug/l	98
75) 2-Chlorotoluene	11.40	91	395050	18.116	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	485081	18.222	ug/l	97
77) t-1,4-Dichloro-2-butene	11.06	75	65558	17.931	ug/l	96
78) 4-Chlorotoluene	11.49	91	465636	18.319	ug/l	99
79) tert-butylbenzene	11.76	119	470727	18.045	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	496633	18.077	ug/l	100
81) sec-Butylbenzene	11.93	105	552789	17.761	ug/l	100
82) p-Isopropyltoluene	12.05	119	527159	18.249	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	281394	18.481	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	282303	18.634	ug/l	99
85) n-Butylbenzene	12.37	91	460317	16.692	ug/l	100
86) Hexachloroethane	12.58	117	99482	16.543	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	269560	17.658	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	44643	17.638	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	191597	17.105	ug/l	97
90) Hexachlorobutadiene	13.76	225	85002	16.751	ug/l	99
91) Naphthalene	13.82	128	571964	17.306	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	184561	17.268	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

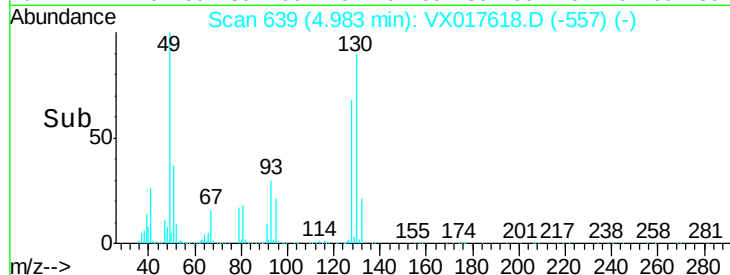
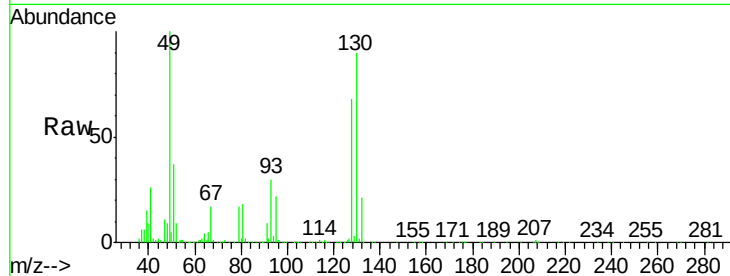
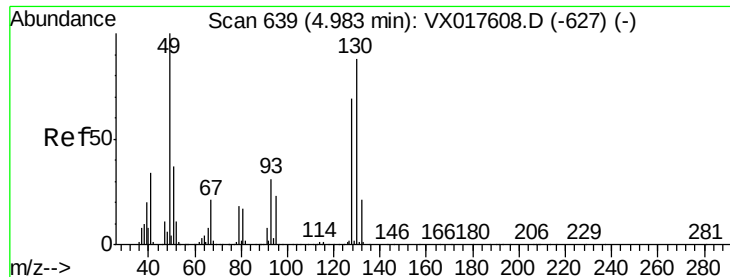
Manual Integrations
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QLast Update : Mon Jul 27 11:38:31 2020
Response via : Initial Calibration

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



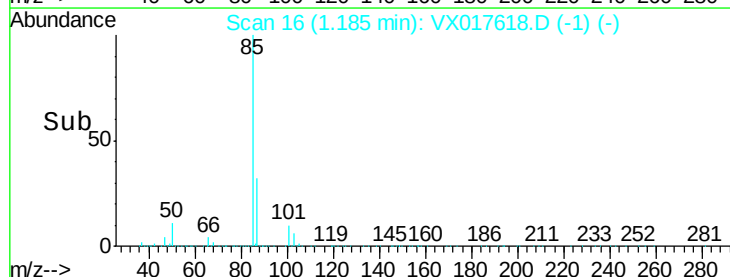
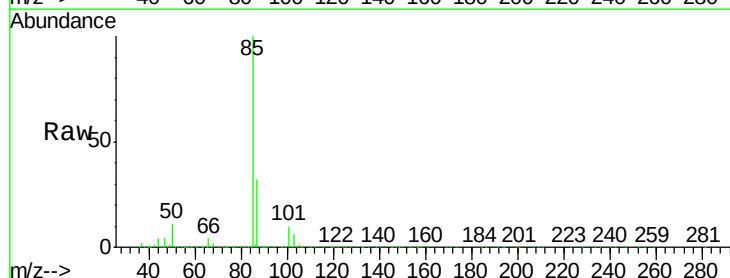
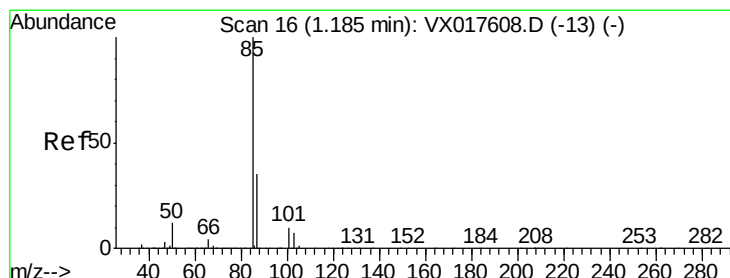
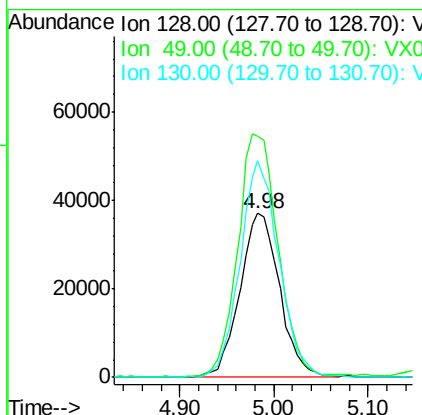
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tot Ion	Ratio	Resp	Lower	Upper
128	100	109384		
49	151.1	0.0	376.0	
130	129.7	0.0	323.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

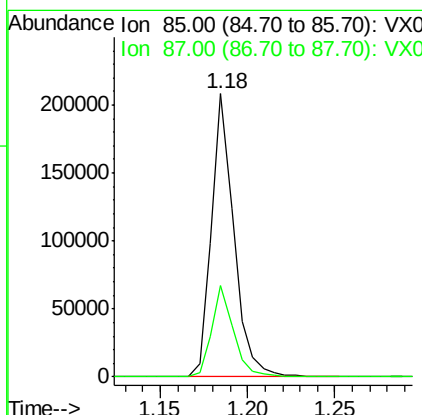
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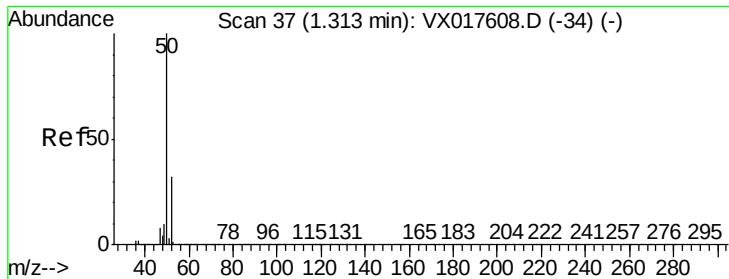
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#2
Dichlorodifluoromethane
Concen: 22.110 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	185754		
87	32.3	17.3	51.9	





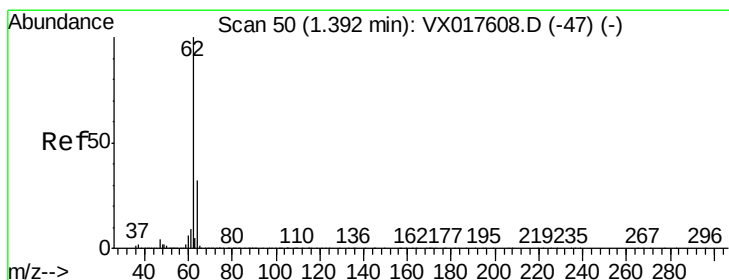
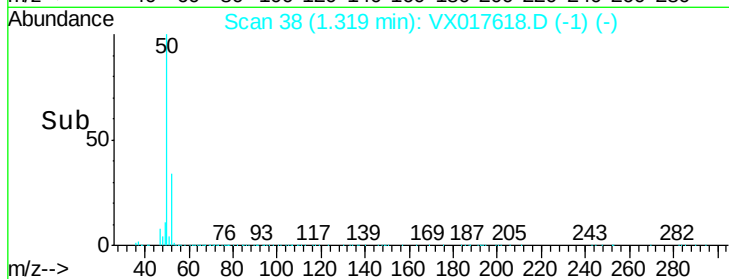
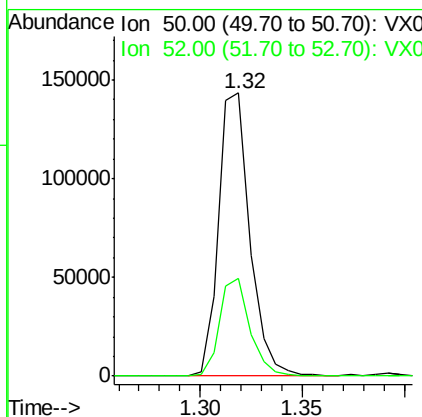
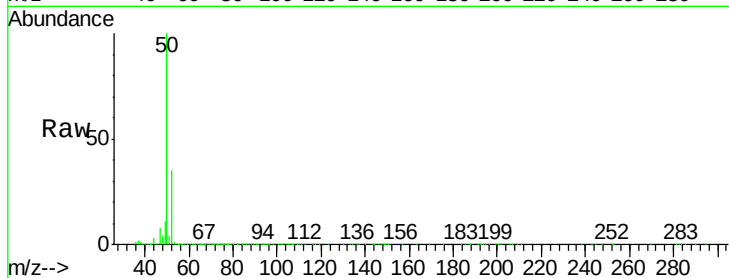
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Chloromethane
Concen: 18.699 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	34.4	25.5	38.3

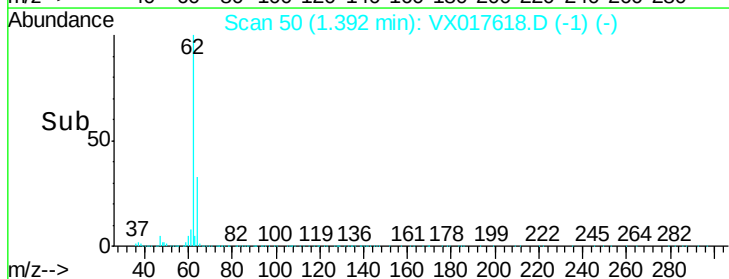
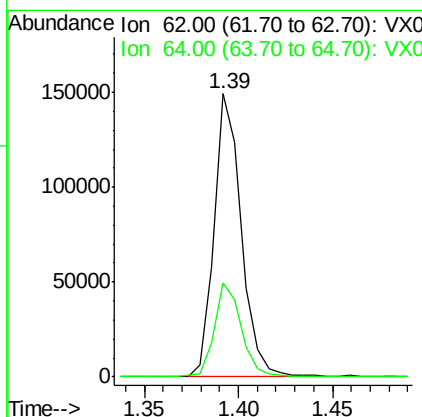
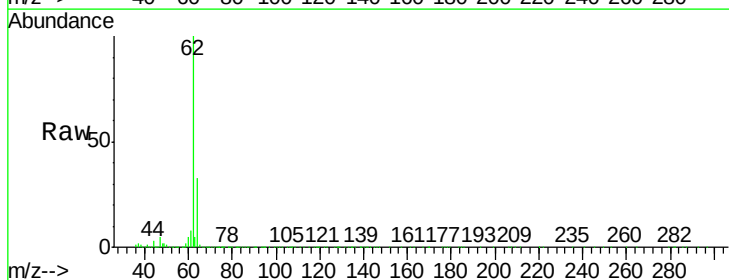
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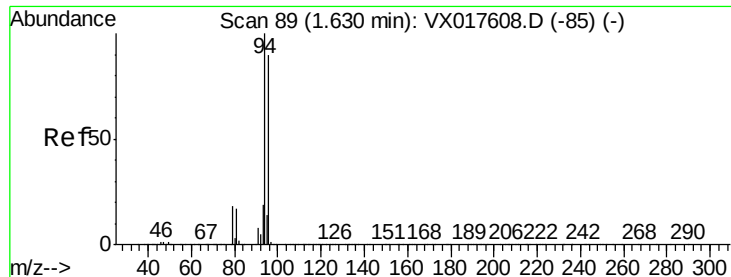
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#4
Vinyl Chloride
Concen: 18.413 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.0	25.8	38.8





#5

Bromomethane

Concen: 18.885 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 94 Resp: 94335

Ion Ratio Lower Upper

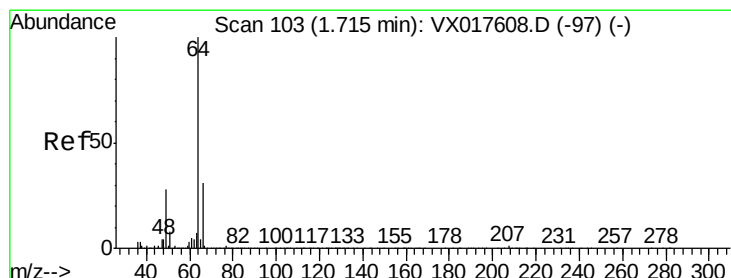
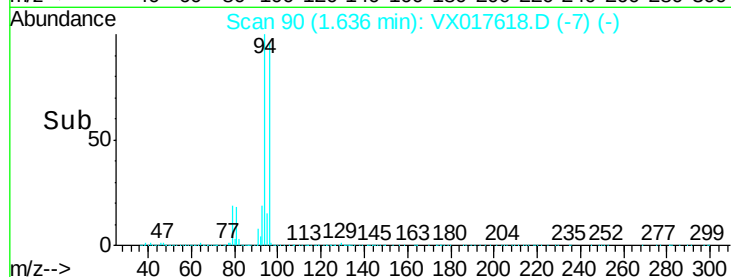
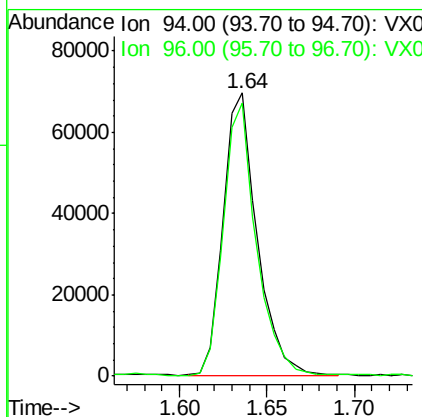
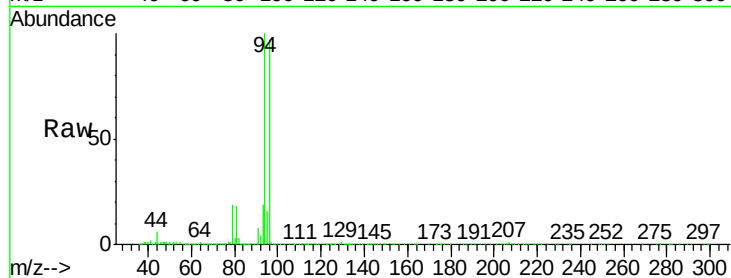
94 100

96 97.0 72.5 108.7

Manual Integrations
APPROVED

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7/28/2020 10:31:17 AM



#6

Chloroethane

Concen: 17.941 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017618.D

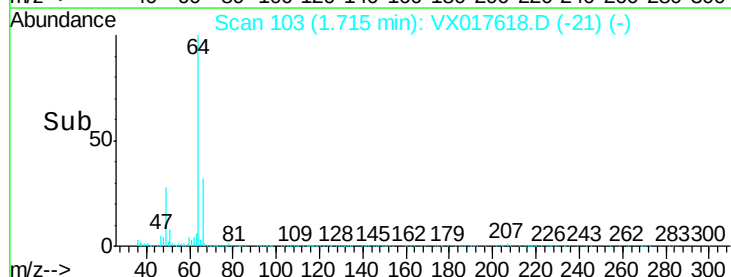
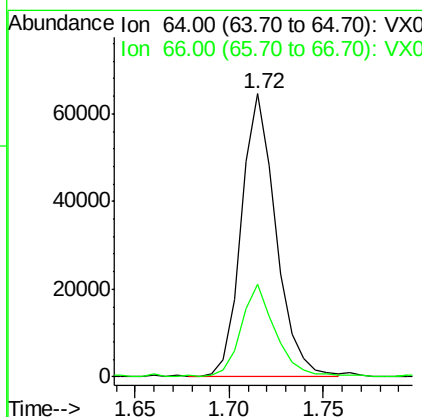
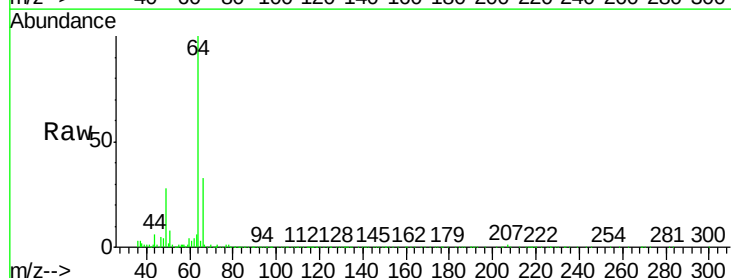
Acq: 27 Jul 2020 15:13

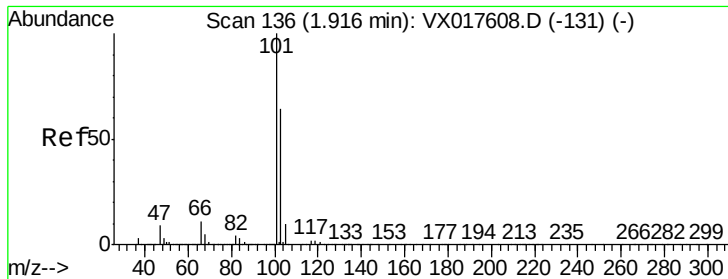
Tgt Ion: 64 Resp: 81778

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7





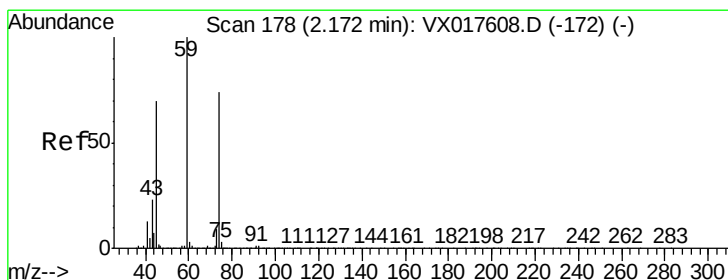
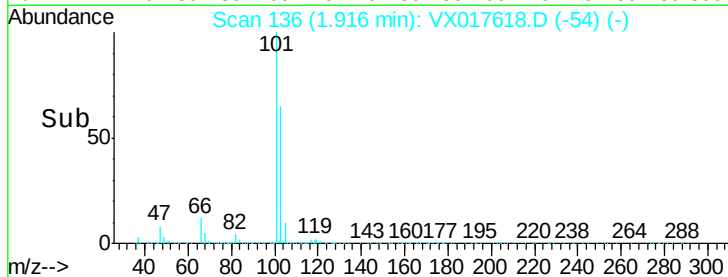
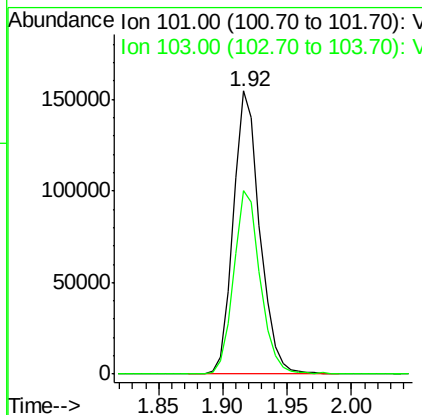
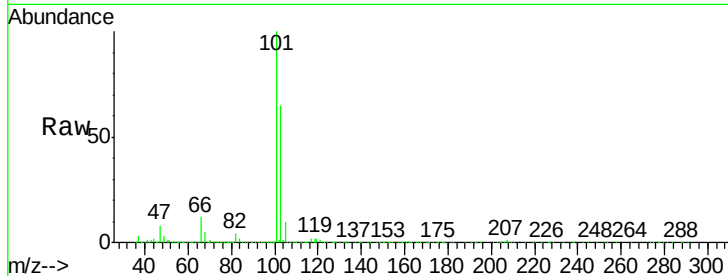
#7
 Trichlorofluoromethane
 Concen: 17.652 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	221083		
103	64.6	51.3	76.9	

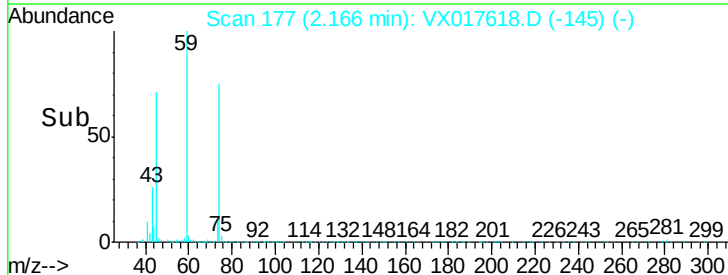
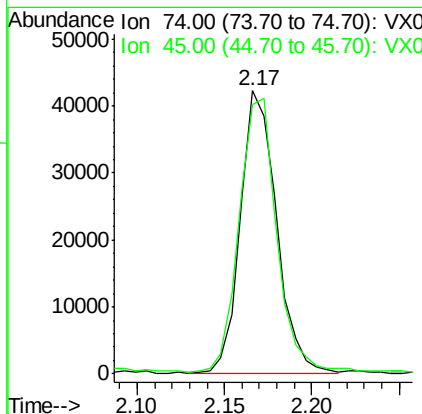
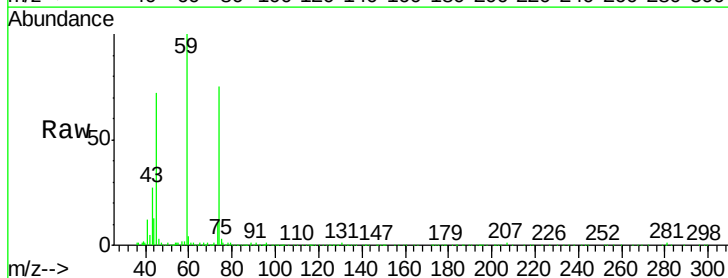
Manual Integrations
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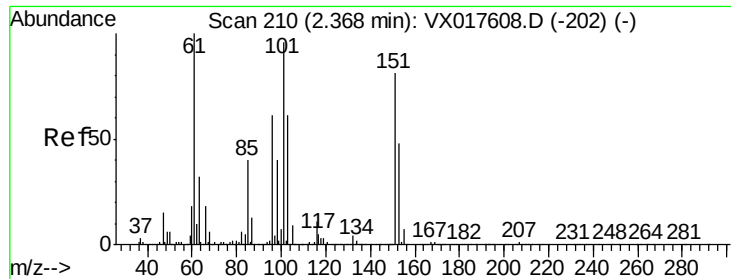
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 7/28/2020 10:31:17 AM



#8
 Diethyl Ether
 Concen: 16.801 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	60664		
45	100.0	21.1	190.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.743 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

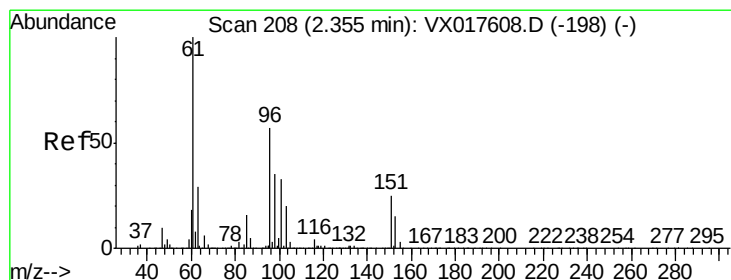
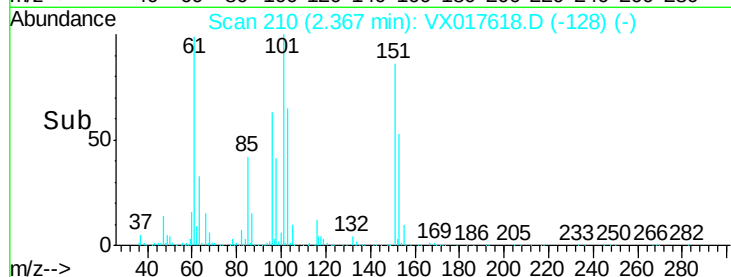
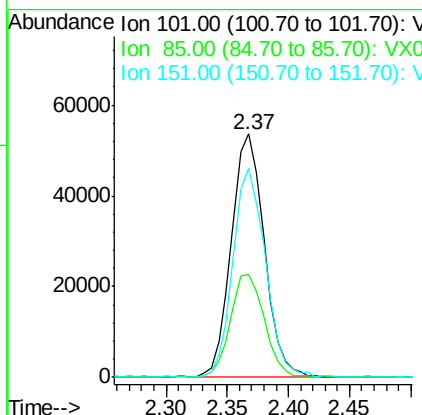
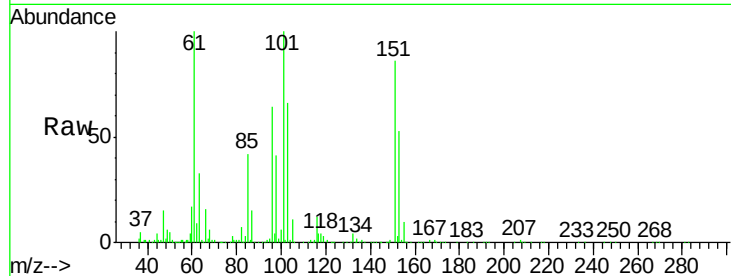
ClientSampleId :

VX0727WBS01

Tot Ion:	101	Resp:	100601
Ion Ratio	Lower	Upper	
101	100		
85	42.9	0.0	90.6
151	84.6	0.0	163.2

Manual Integrations
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7/28/2020 10:31:17 AM



#10

1,1-Dichloroethene

Concen: 17.609 ug/l

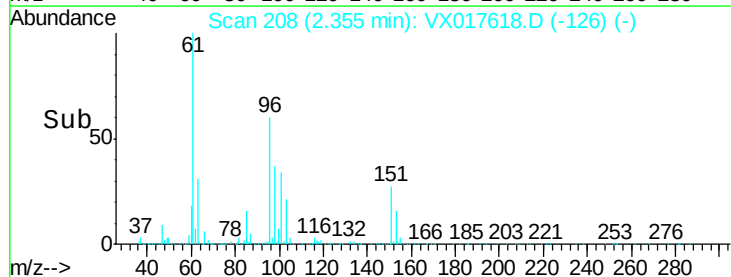
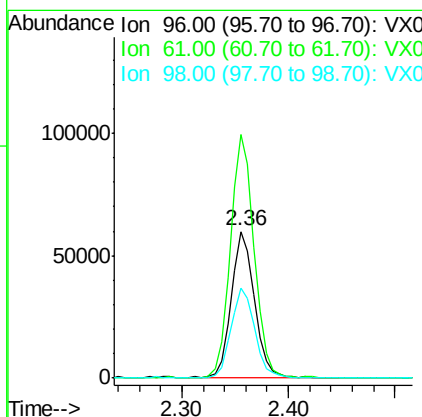
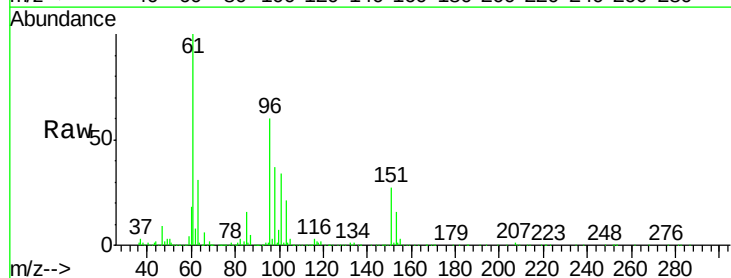
RT: 2.36 min Scan# 208

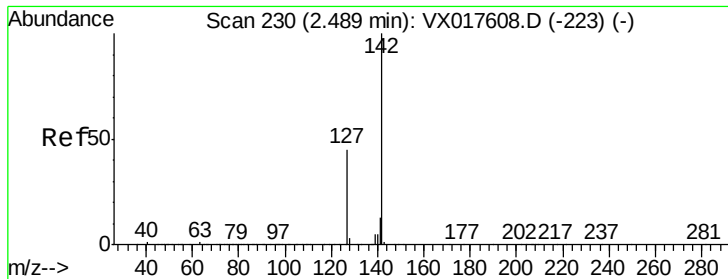
Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Tgt Ion:	96	Resp:	92659
Ion Ratio	Lower	Upper	
96	100		
61	165.8	141.2	211.8
98	61.2	49.4	74.2





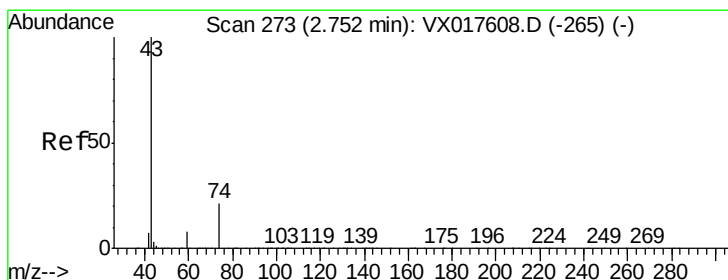
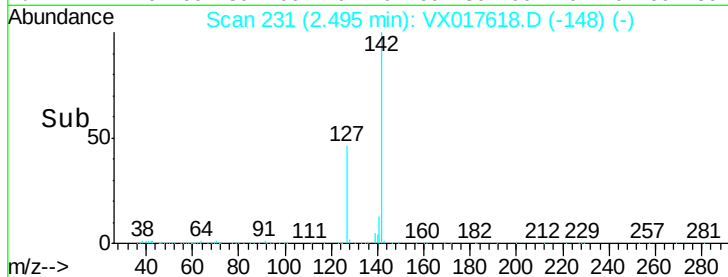
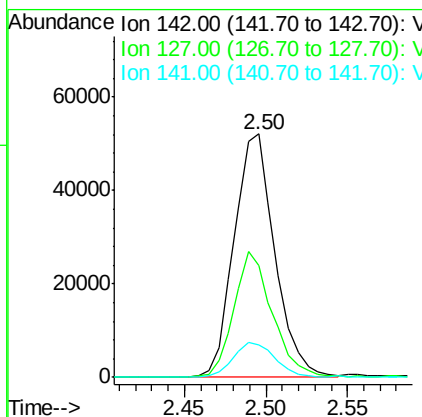
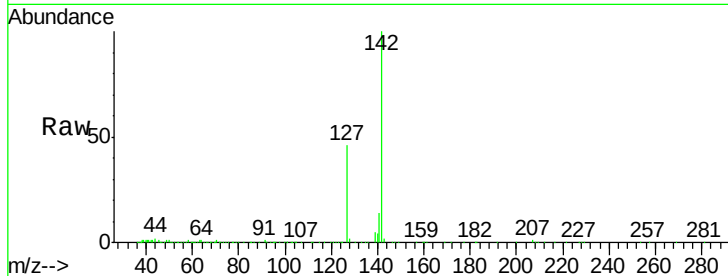
#11
Methvl Iodide
Concen: 13.675 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.6	22.4	67.0
141	13.3	6.6	19.7

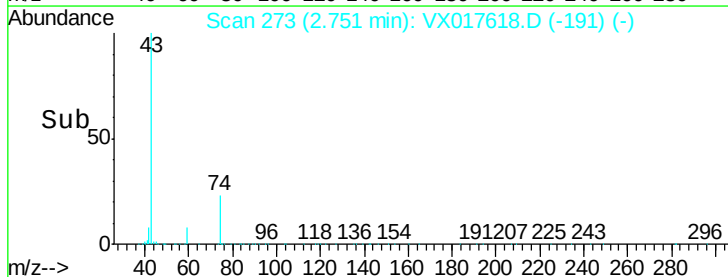
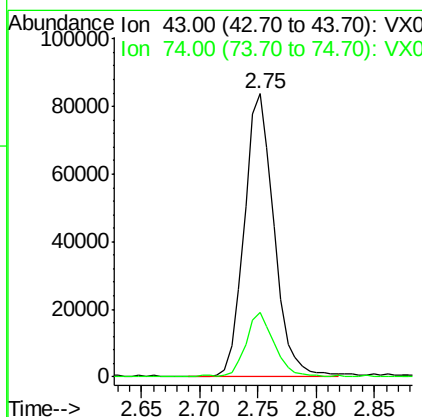
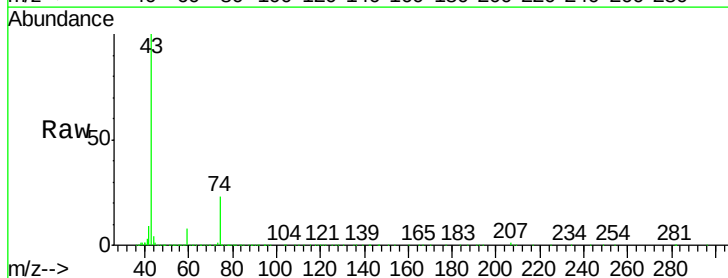
Manual Integrations
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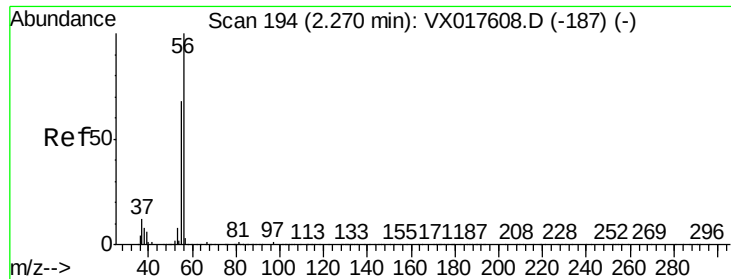
MMDadoda
7/28/2020 10:31:17 AM



#12
Methyl Acetate
Concen: 18.556 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.1	25.7





#13

Acrolein

Concen: 71.748 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 56 Resp: 85075

Ion Ratio Lower Upper

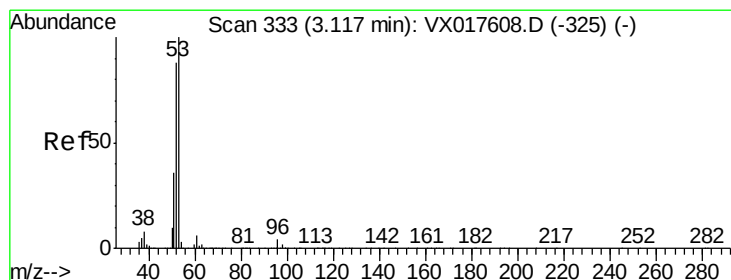
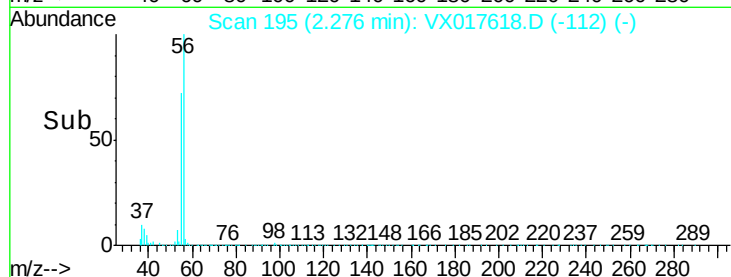
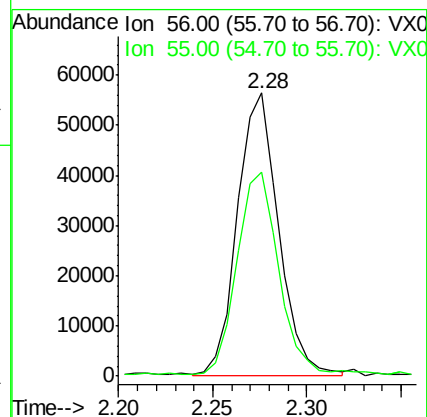
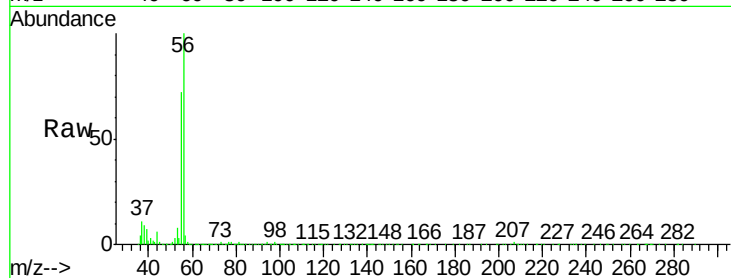
56 100

55 71.6 57.2 85.8

Manual Integrations
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#14

Acrylonitrile

Concen: 92.034 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

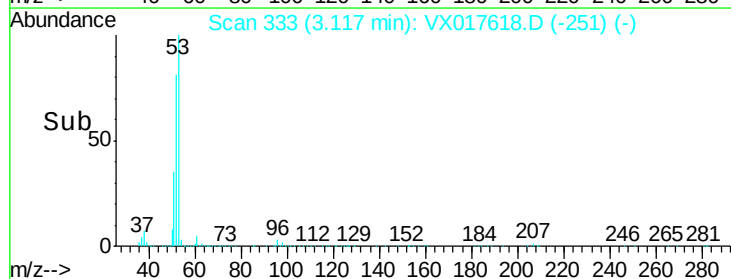
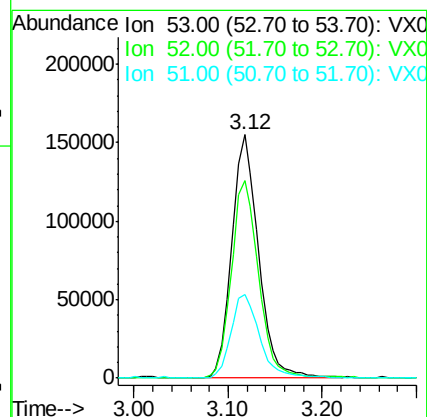
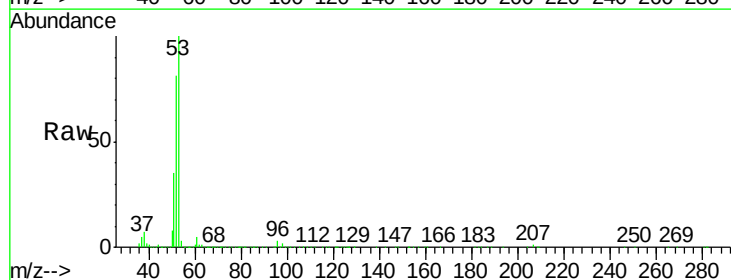
Tgt Ion: 53 Resp: 307919

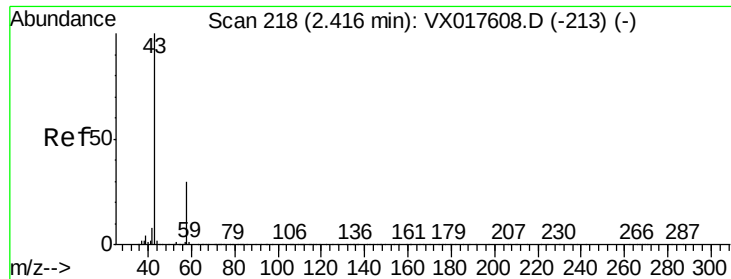
Ion Ratio Lower Upper

53 100

52 81.4 41.4 124.4

51 36.5 18.4 55.2





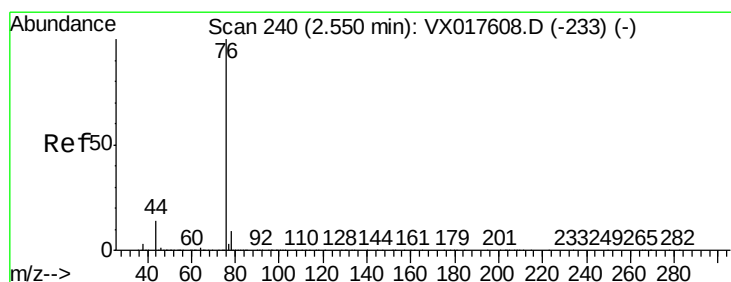
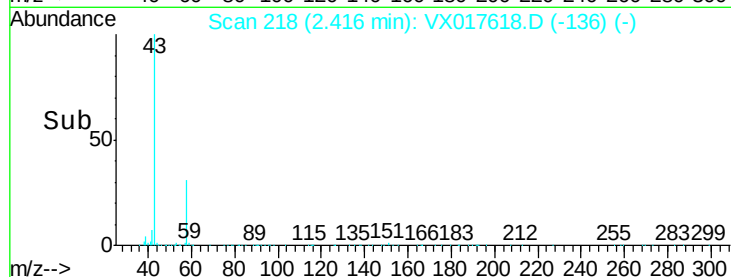
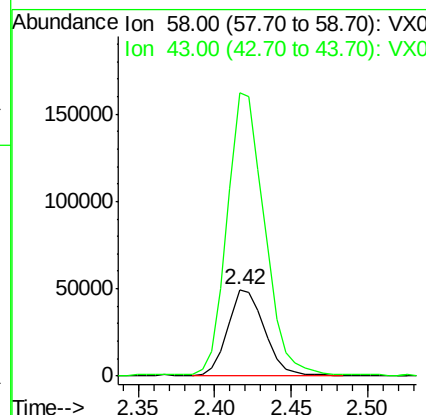
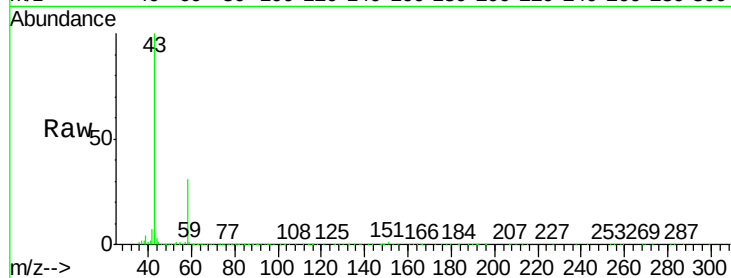
#15
Acetone
Concen: 90.615 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
58	100		
43	327.1	268.6	402.8

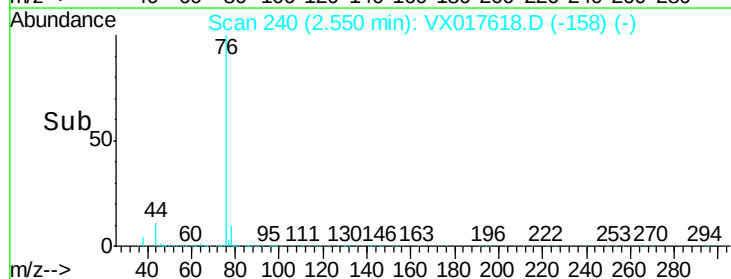
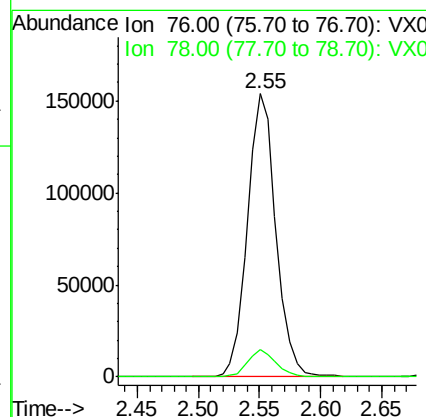
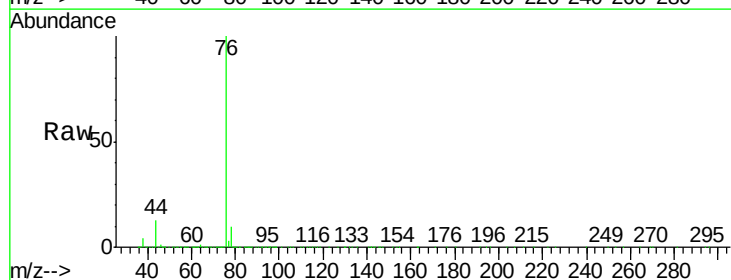
Manual Integrations
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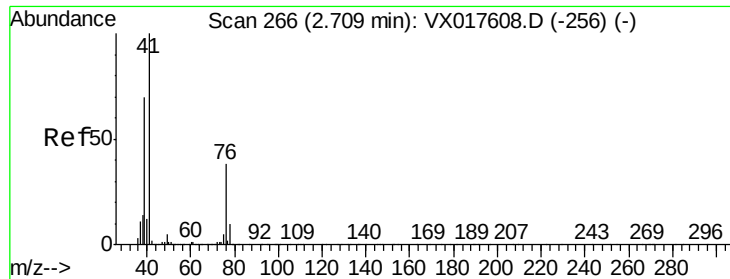
MMDadoda
7/28/2020 10:31:17 AM



#16
Carbon Disulfide
Concen: 17.775 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.5	11.3





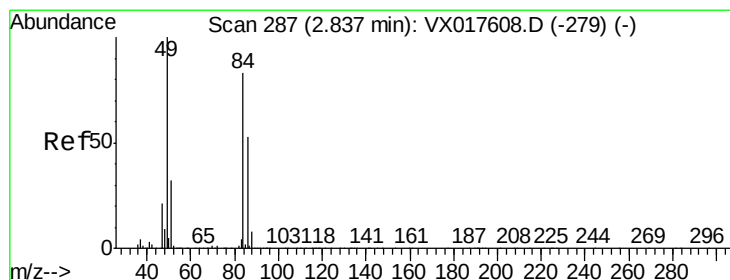
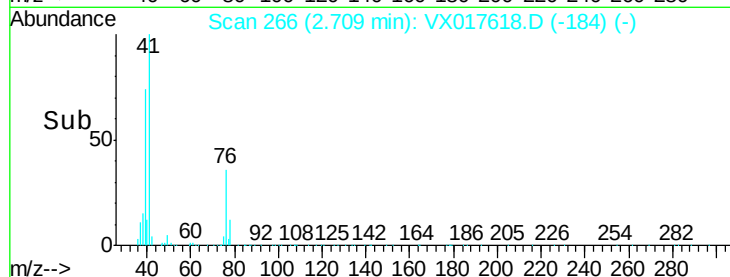
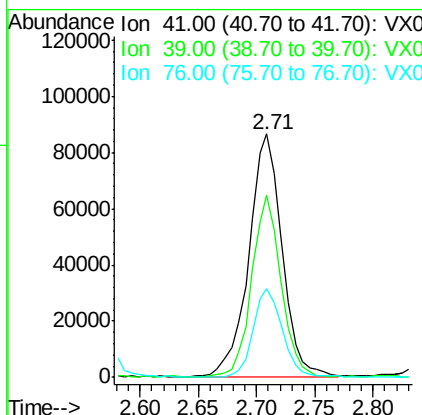
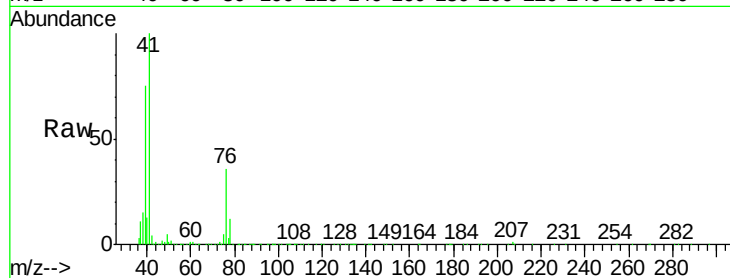
#17
Allvl chloride
Concen: 17.154 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.4	34.8	104.5
76	36.2	19.1	57.3

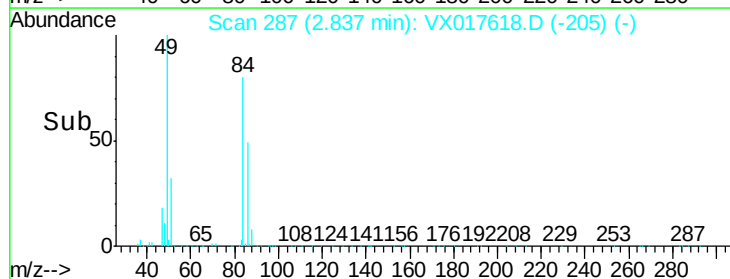
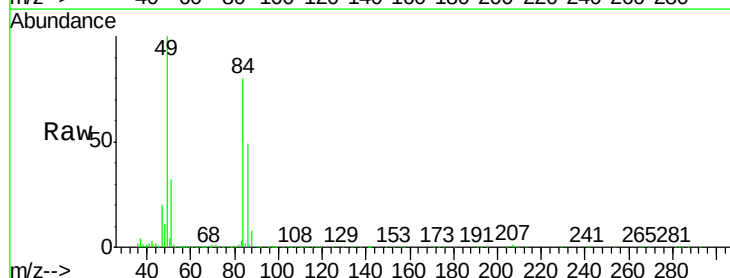
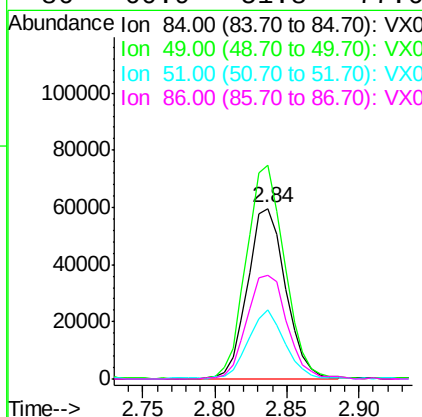
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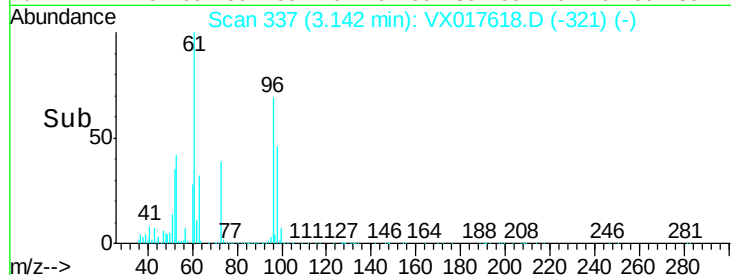
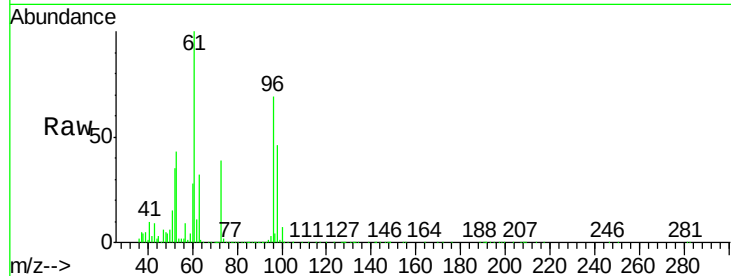
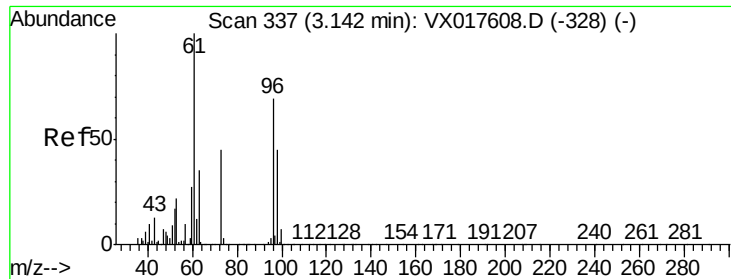
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#18
Methylene Chloride
Concen: 17.774 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.0	96.7	145.1
51	39.6	31.0	46.4
86	60.9	51.8	77.6





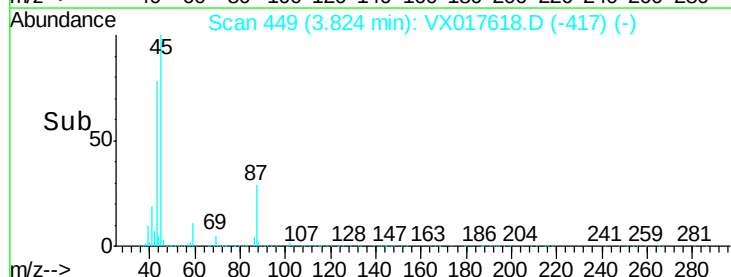
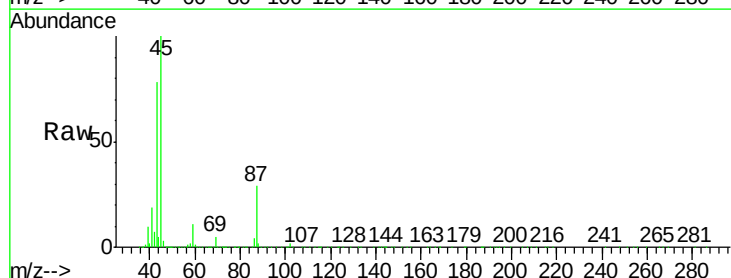
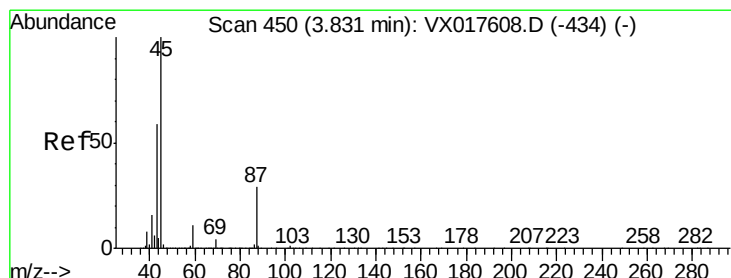
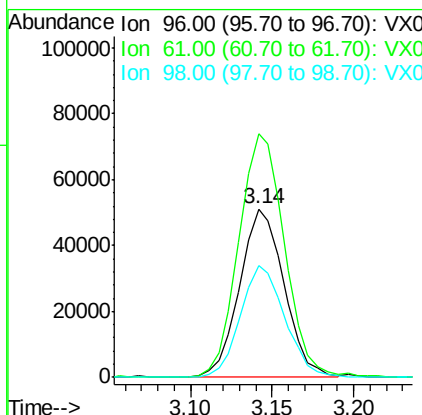
#19
trans-1,2-Dichloroethene
Concen: 17.130 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.0	115.0	172.6
98	66.6	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

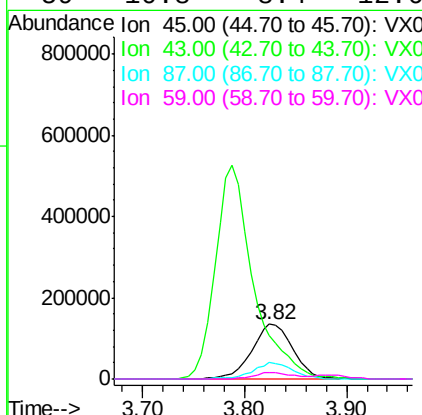
Manual Integrations
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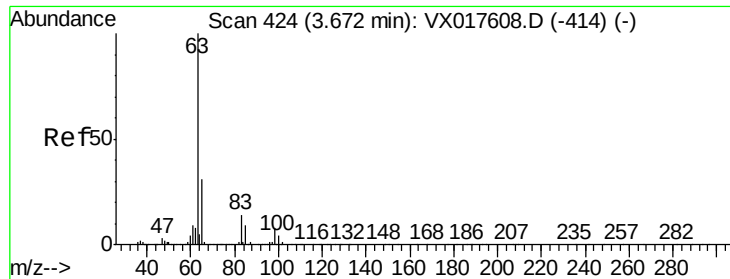
MMDadoda
7/28/2020 10:31:17 AM



#20
Diisopropyl ether
Concen: 18.674 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.2	47.4	71.0#
87	29.3	23.3	34.9
59	10.8	8.4	12.6





#21

1,1-Dichloroethane

Concen: 18.525 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

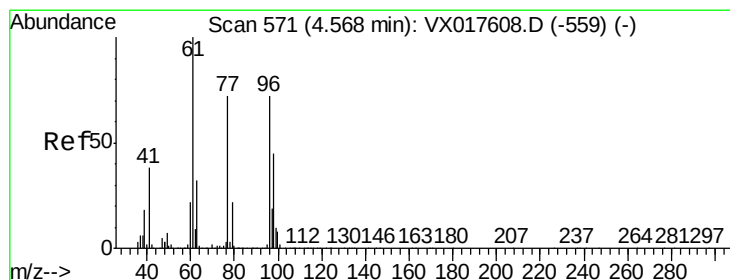
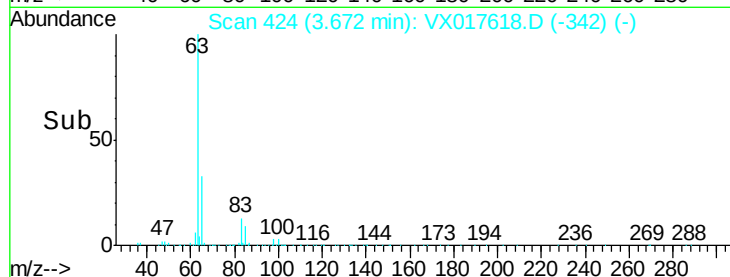
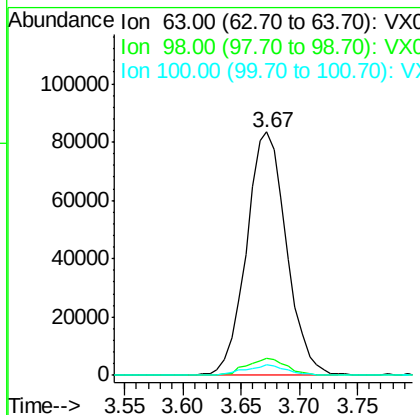
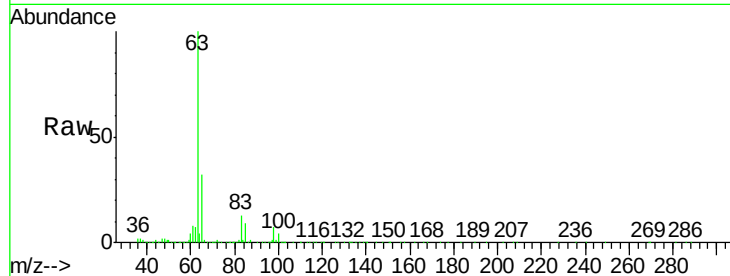
ClientSampleId :

VX0727WBS01

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.8	3.9	11.7
100	4.2	1.9	5.7

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.688 ug/l

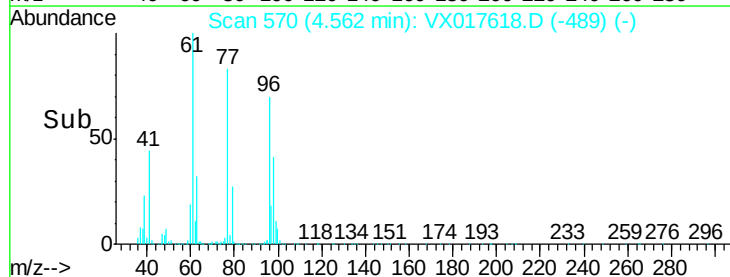
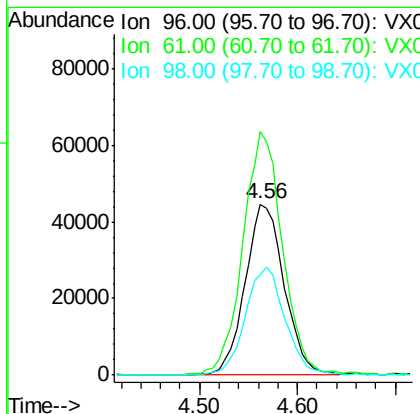
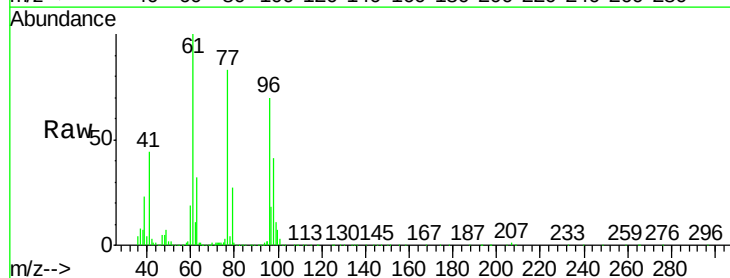
RT: 4.56 min Scan# 570

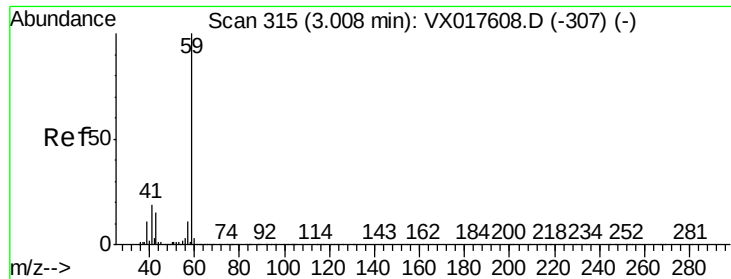
Delta R.T. -0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	142.5	121.1	181.7
98	64.0	51.4	77.2





#23

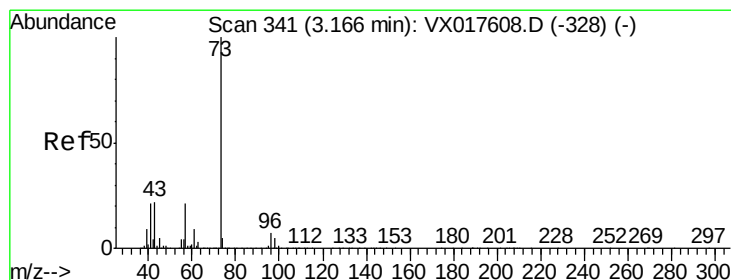
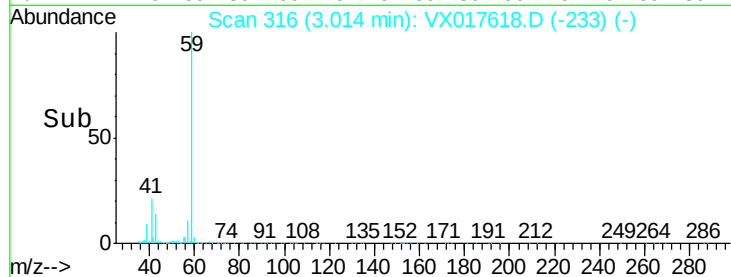
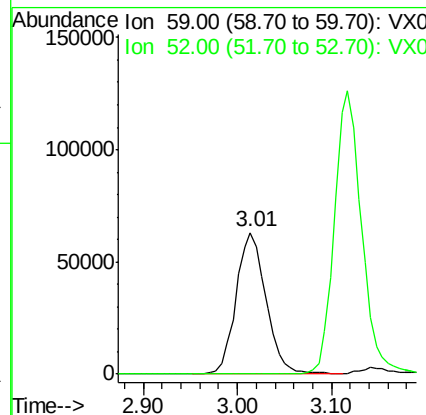
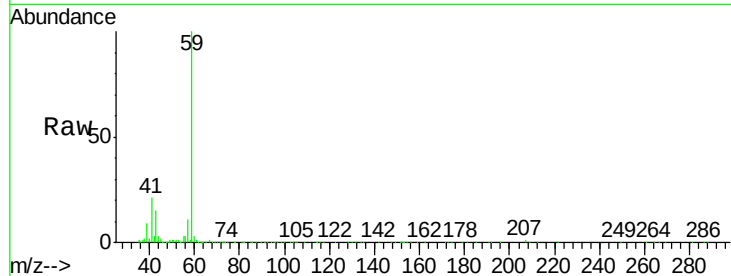
tert-Butyl Alcohol
 Concen: 89.021 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	100			
52	0.1	0.2	0.4#	

Manual Integrations
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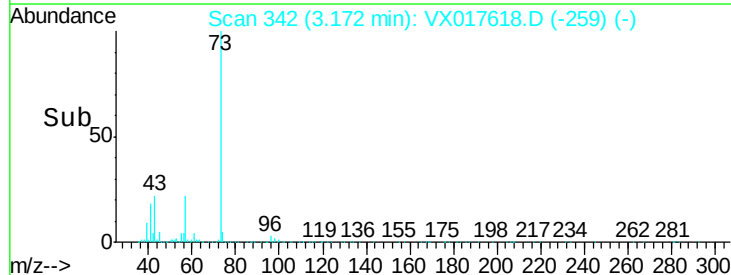
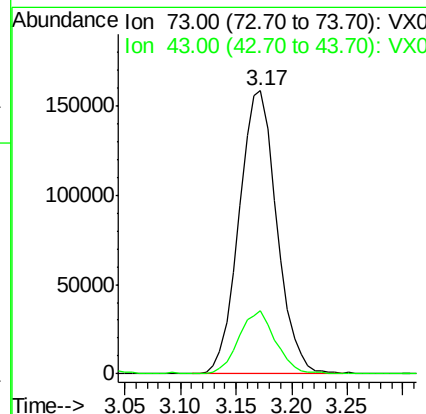
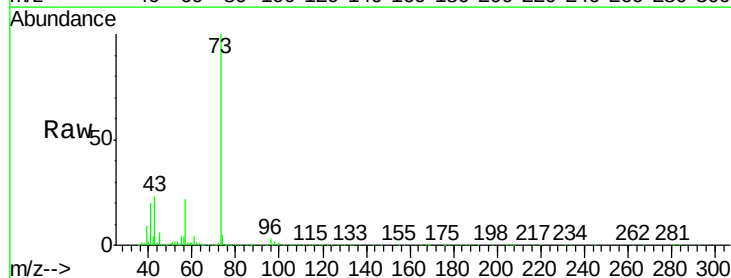
MMDadoda
 7/28/2020 10:31:17 AM

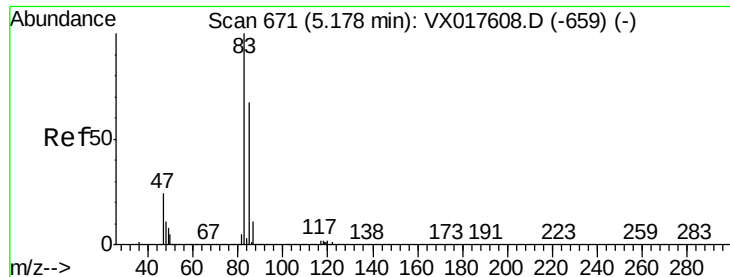


#24

Methyl tert-Butyl Ether
 Concen: 17.760 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ion	Ratio	Lower	Upper
73	100			
43	21.6	18.1	27.1	





#25

Chloroform

Concen: 18.171 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 83 Resp: 216384

Ion Ratio Lower Upper

83 100

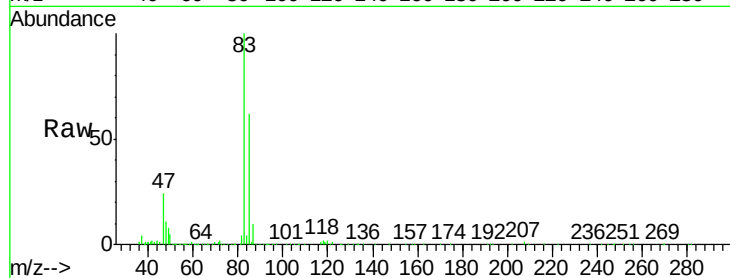
85 61.8 53.7 80.5

Manual Integrations

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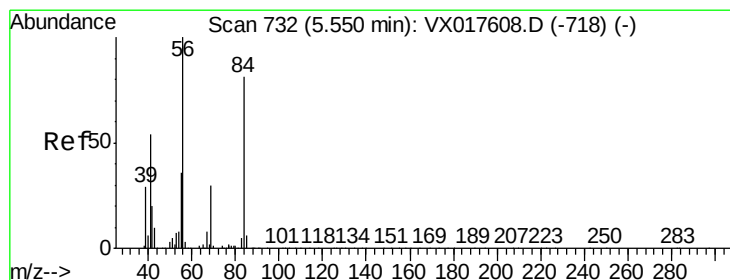
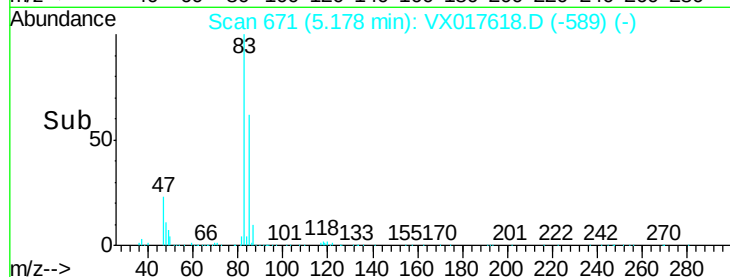
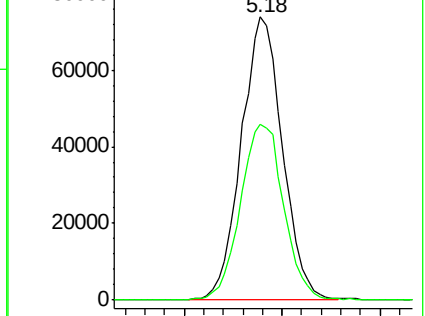
MMDadoda

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 19.877 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

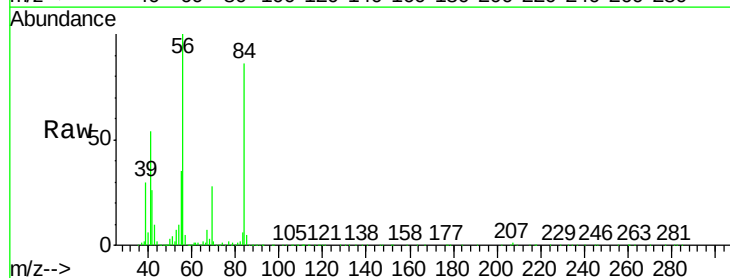
Tgt Ion: 56 Resp: 189544

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

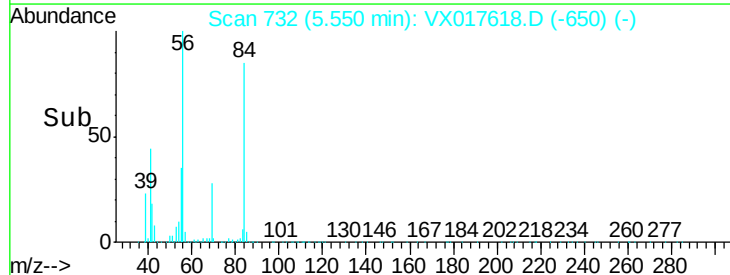
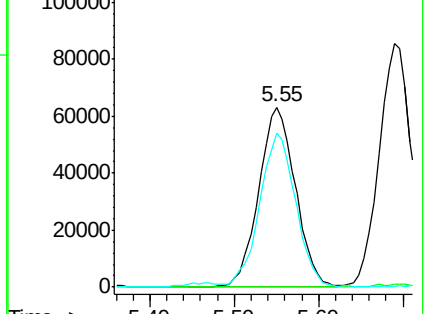
84 84.0 69.3 103.9

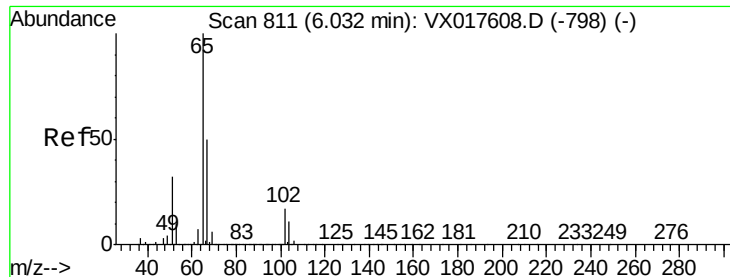


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





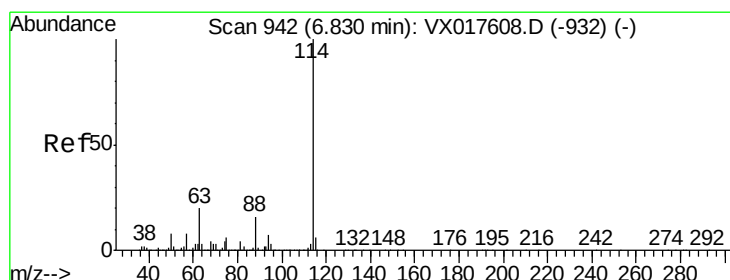
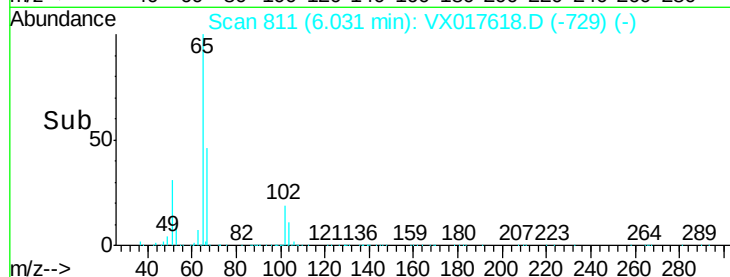
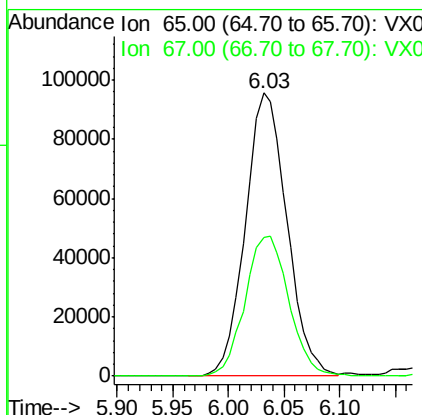
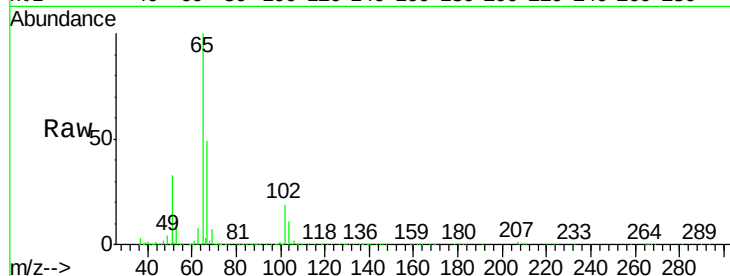
#27
 1,2-Dichloroethane-d4
 Concen: 29.608 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampled :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	40.6	61.0

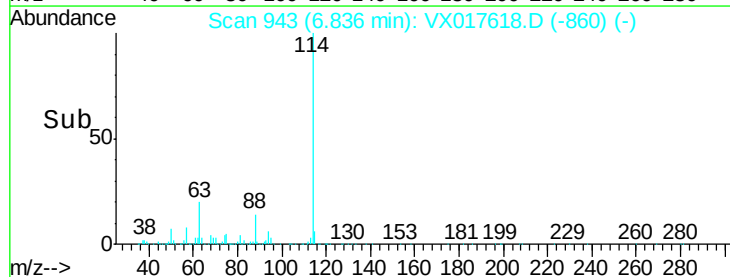
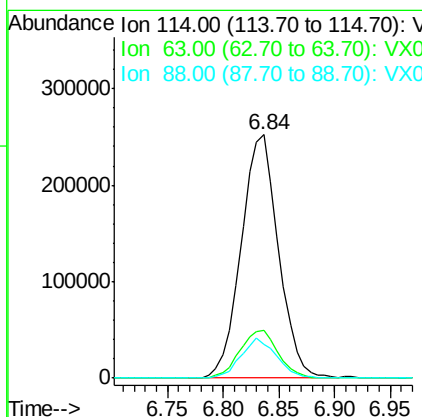
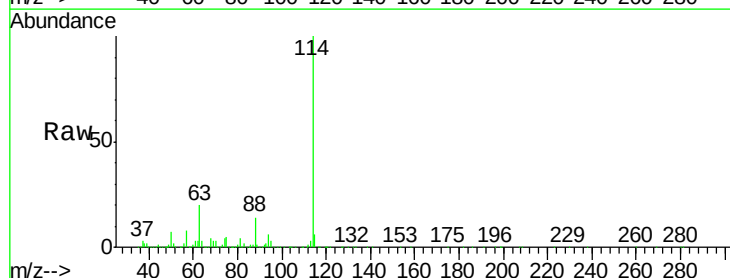
Manual Integrations
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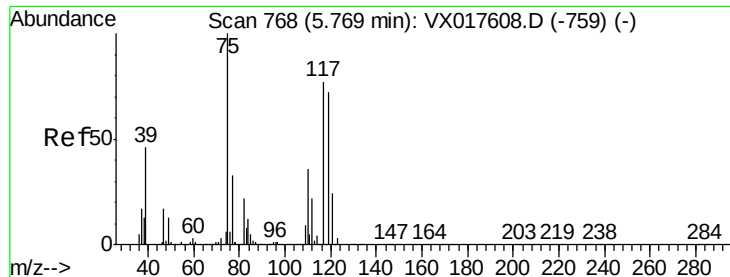
MMDadoda
 7/28/2020 10:31:17 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.3	24.5
88	15.8	12.6	18.8





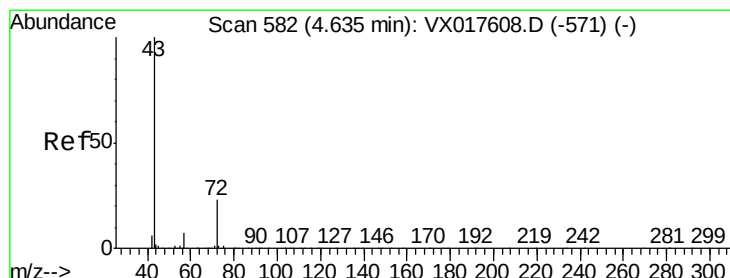
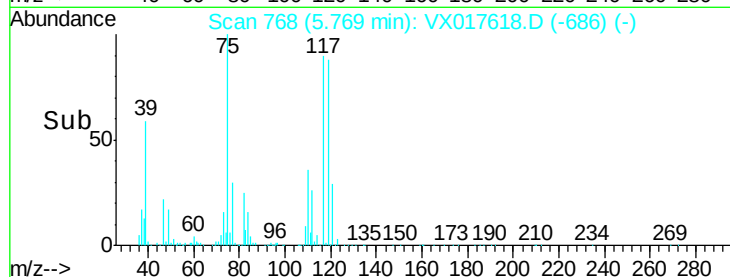
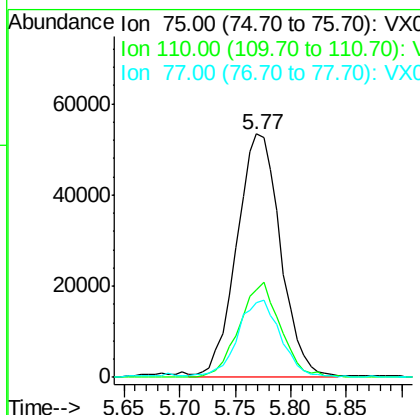
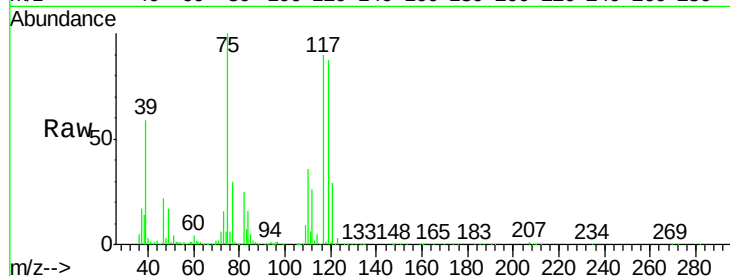
#29
 1,1-Dichloropropene
 Concen: 17.500 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.2	0.0	75.4
77	30.4	0.0	63.2

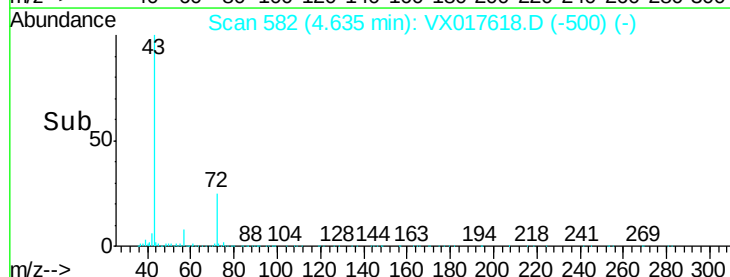
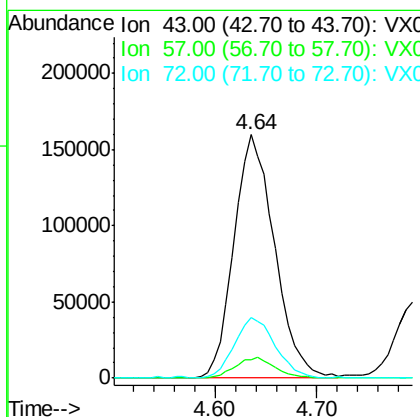
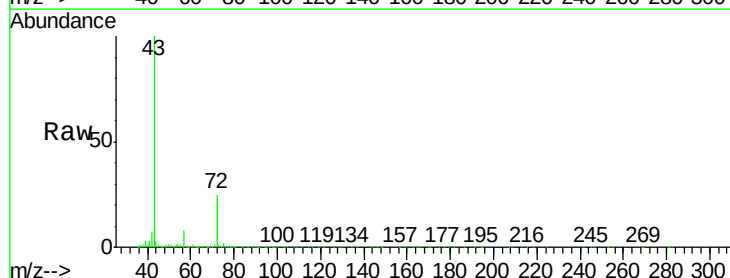
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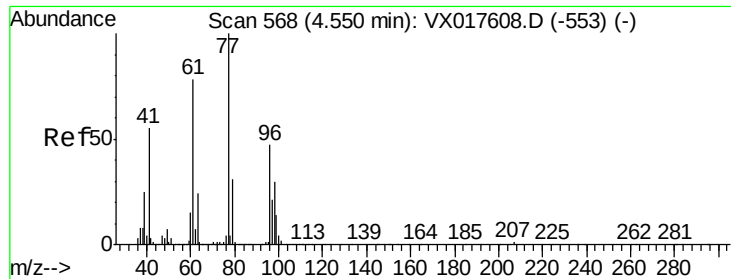
MMDadoda
 7/28/2020 10:31:17 AM



#30
 2-Butanone
 Concen: 93.051 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.2	6.5	9.7
72	24.4	19.8	29.6





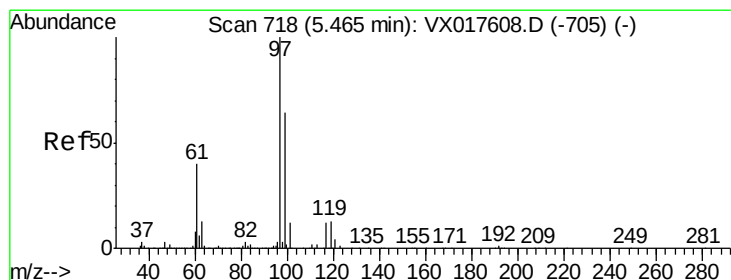
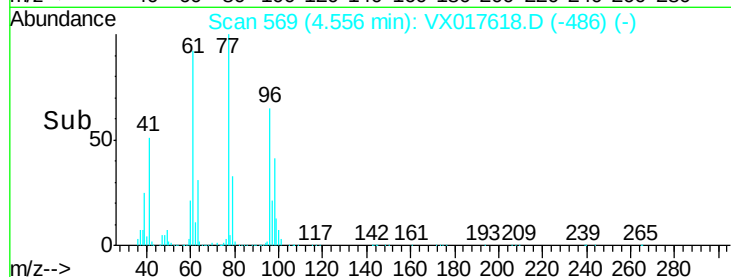
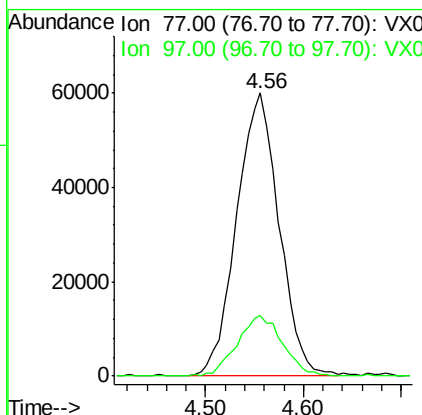
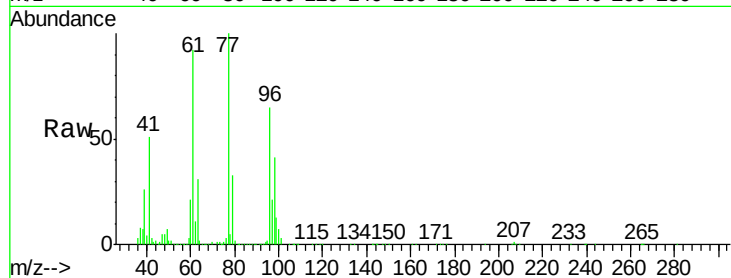
#31
 2,2-Dichloropropane
 Concen: 16.740 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion: 77 Resp: 179795
 Ion Ratio Lower Upper
 77 100
 97 22.9 17.6 26.4

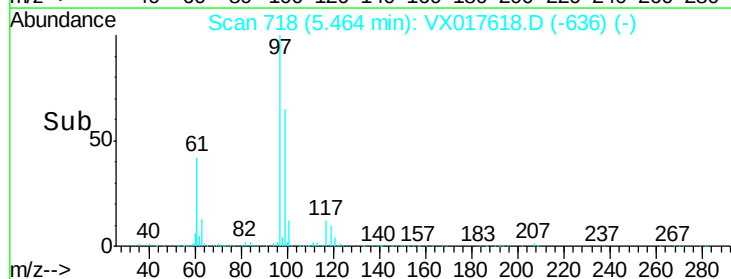
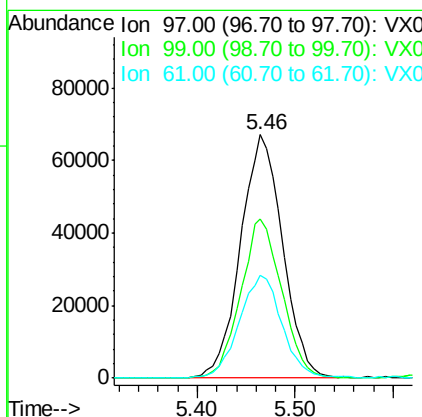
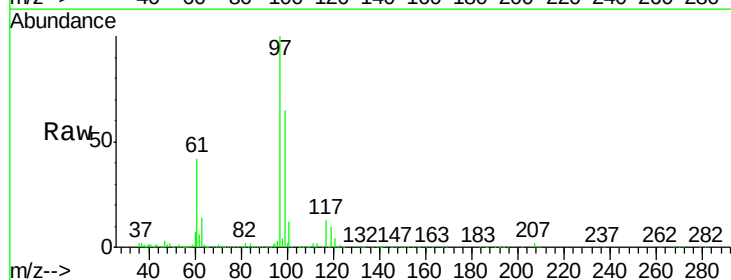
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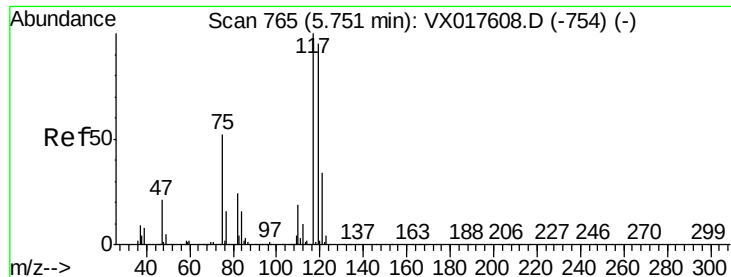
MMDadoda
 7/28/2020 10:31:17 AM



#32
 1,1,1-Trichloroethane
 Concen: 17.678 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion: 97 Resp: 199075
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.6 75.8
 61 42.5 32.6 48.8





#33

Carbon Tetrachloride

Concen: 17.058 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

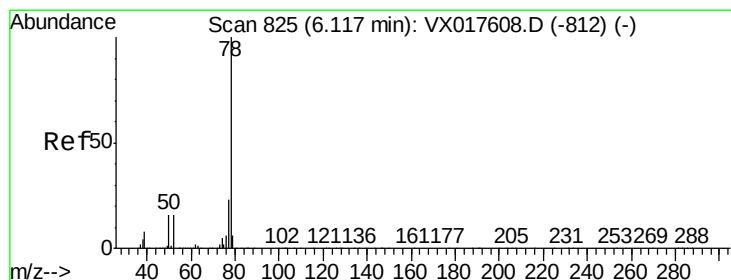
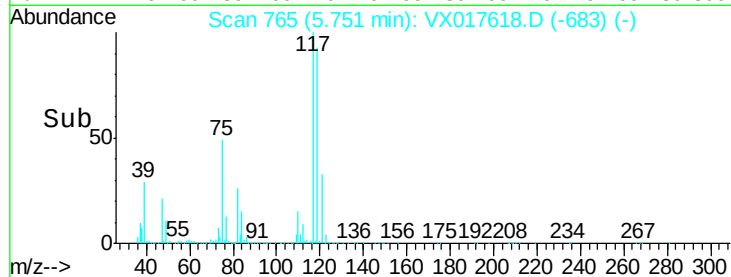
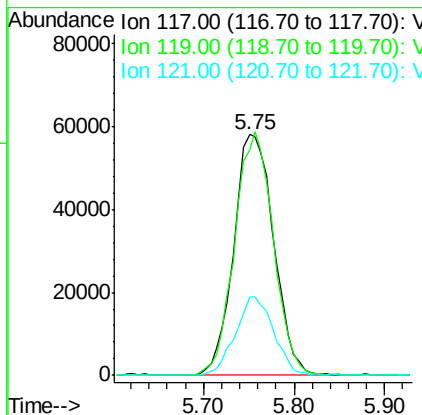
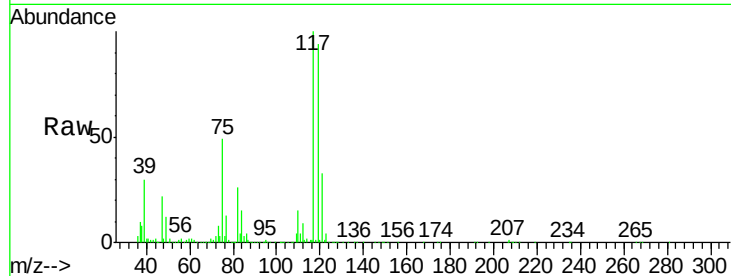
ClientSampleId :

VX0727WBS01

Tot Ion:	117	Resp:	177551
Ion Ratio	Lower	Upper	
117	100		
119	93.4	76.2	114.2
121	32.8	26.8	40.2

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#34

Benzene

Concen: 18.143 ug/l

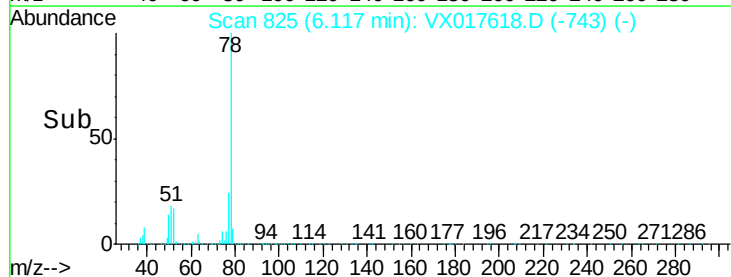
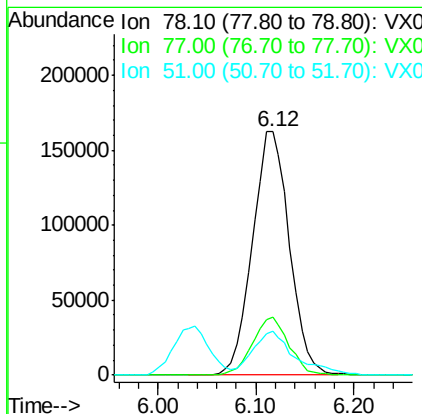
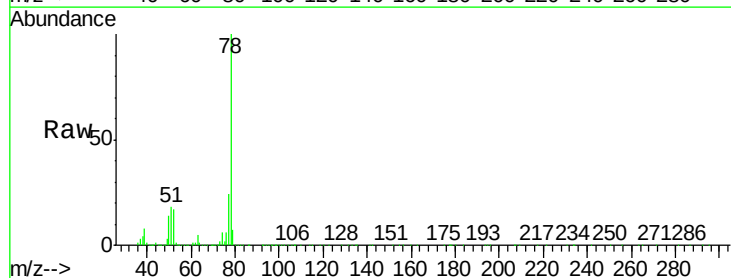
RT: 6.12 min Scan# 825

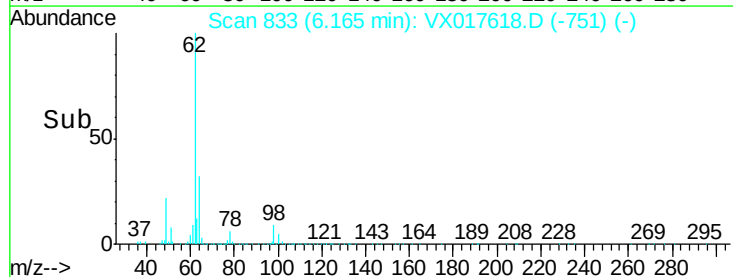
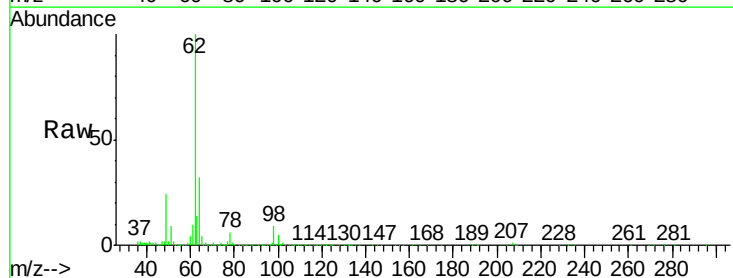
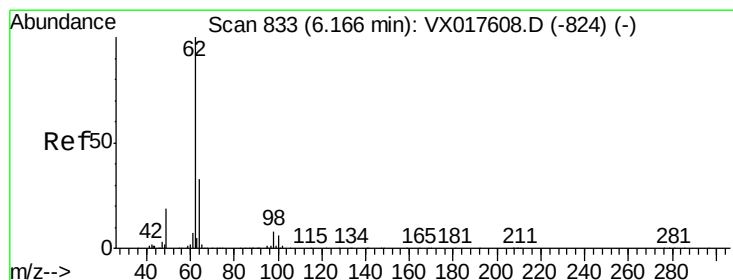
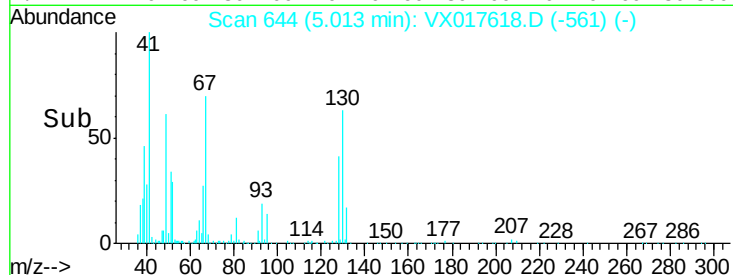
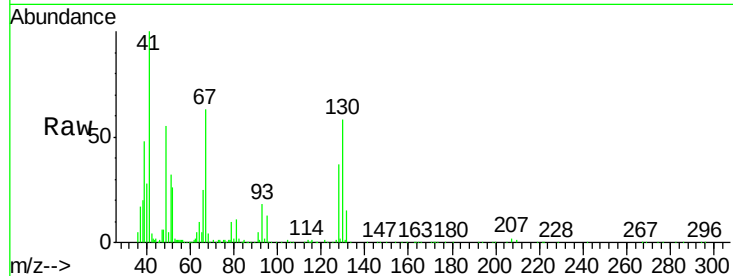
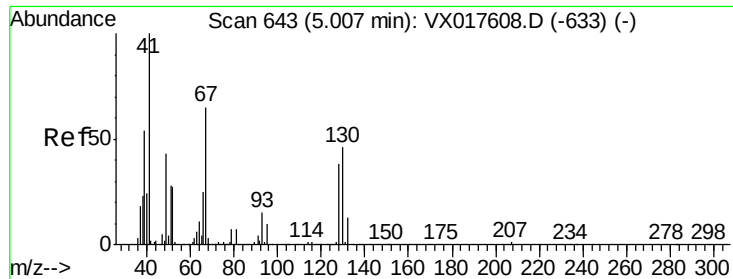
Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

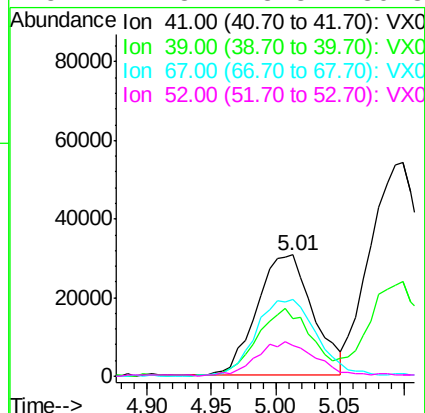
Tgt Ion:	78	Resp:	427317
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.3	27.5
51	16.0	12.3	18.5





#35
Methacrylonitrile
Concen: 17.688 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	47.5	27.0	81.0	
67	63.6	32.4	97.0	
52	24.8	13.3	39.8	



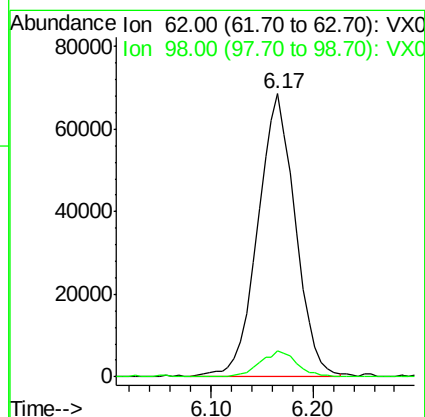
Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

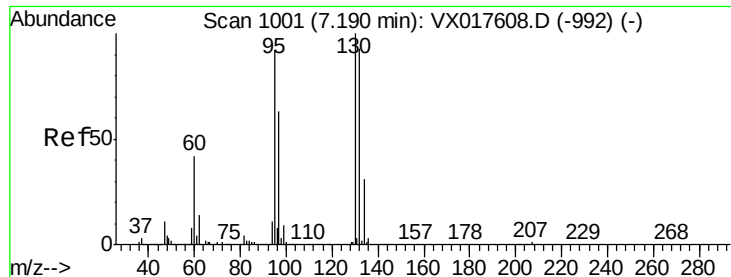
Manual Integrations
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7/28/2020 10:31:17 AM

#36
1,2-Dichloroethane
Concen: 17.534 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	6.6	10.0	





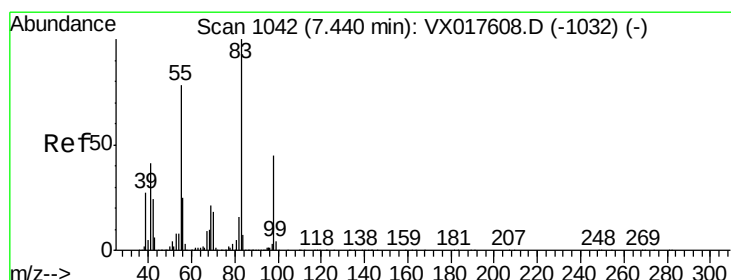
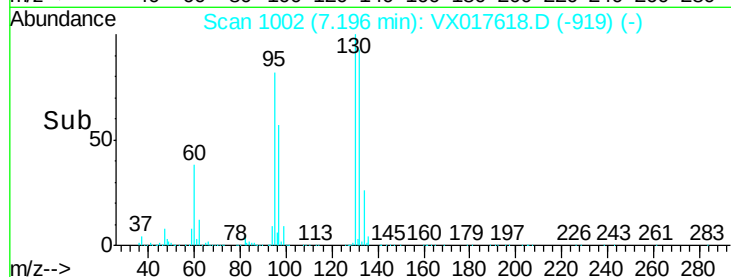
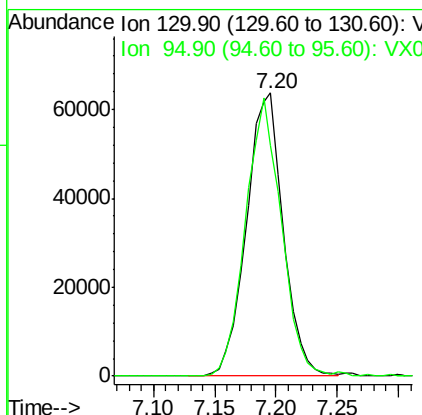
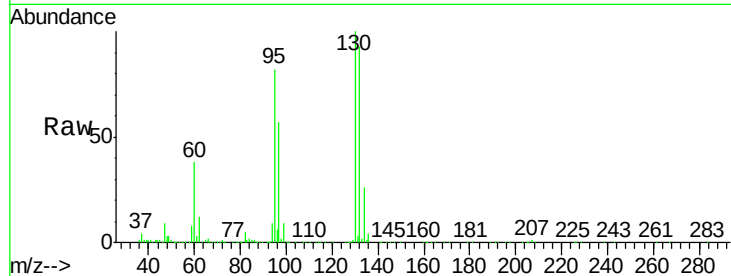
#37
 Trichloroethene
 Concen: 18.467 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
130	100		
95	81.6	73.9	110.9

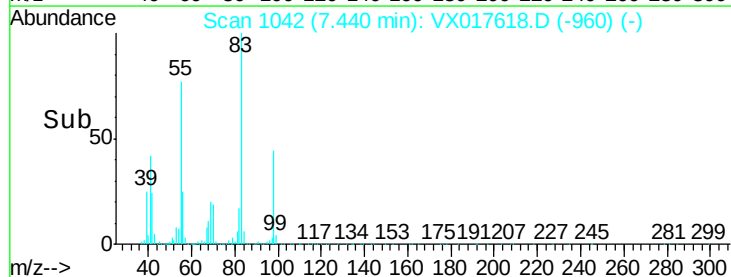
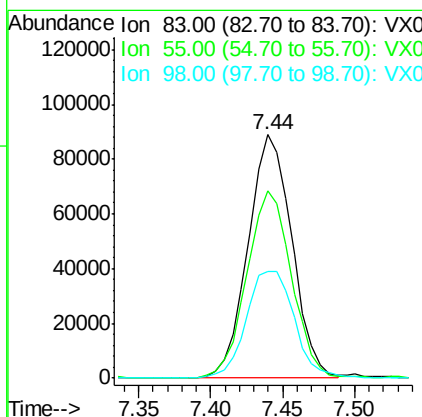
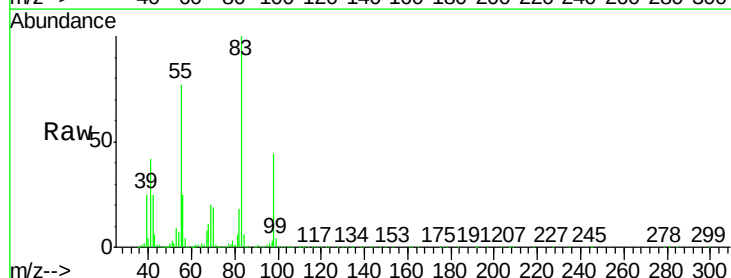
Manual Integrations
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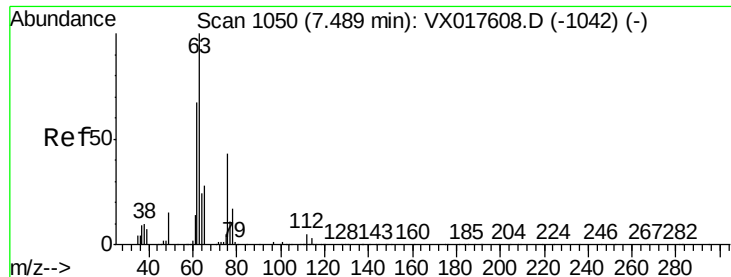
MMDadoda
 7/28/2020 10:31:17 AM



#38
 Methylcyclohexane
 Concen: 17.820 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.6	39.6	118.7
98	48.2	23.9	71.7





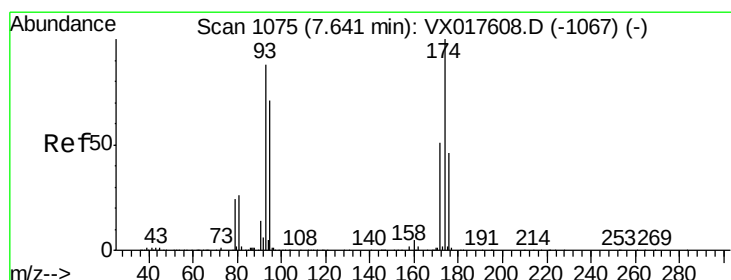
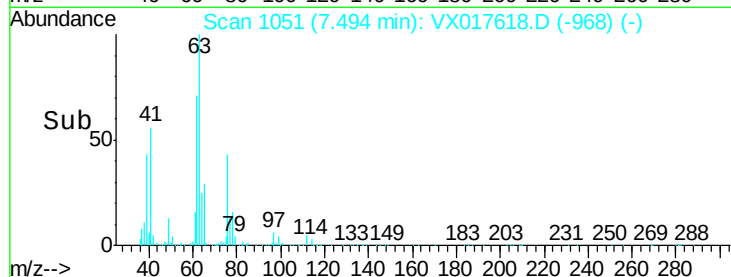
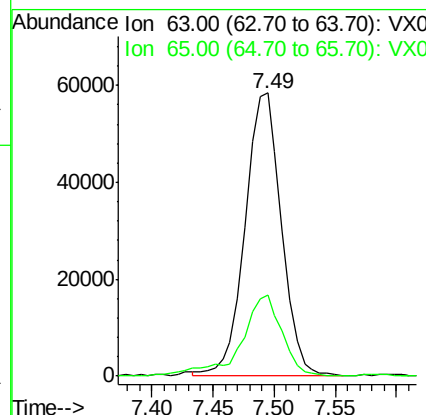
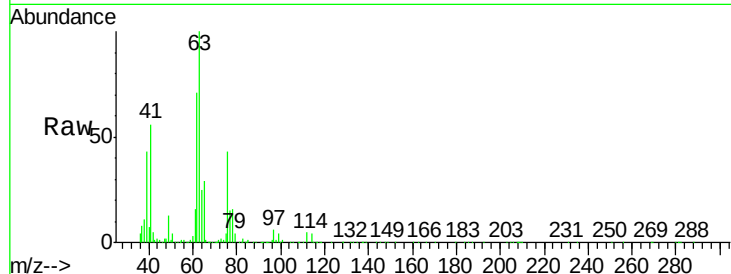
#39
 1,2-Dichloropropane
 Concen: 18.286 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.7	25.2	37.8

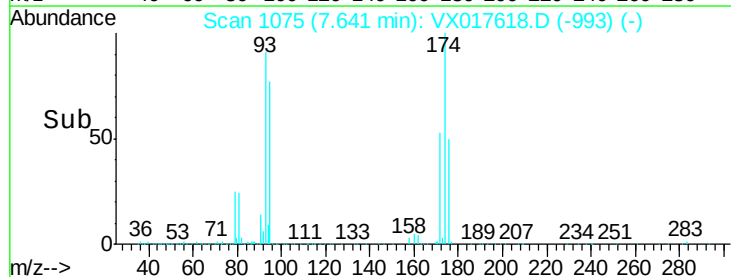
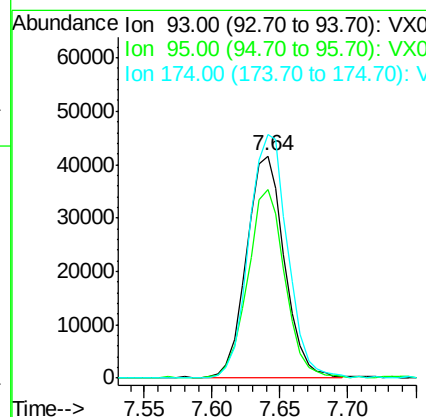
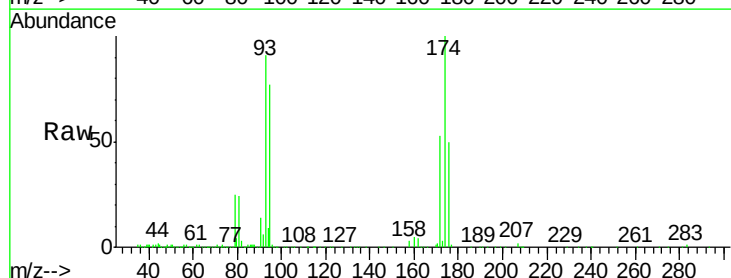
Manual Integrations
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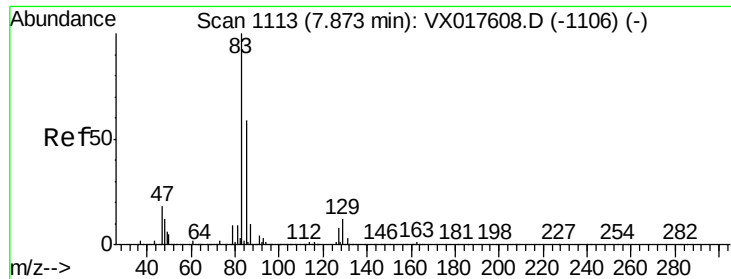
MMDadoda
 7/28/2020 10:31:17 AM



#40
 Dibromomethane
 Concen: 17.458 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.4	0.0	163.4
174	112.0	0.0	214.6





#41

Bromodichloromethane

Concen: 17.221 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

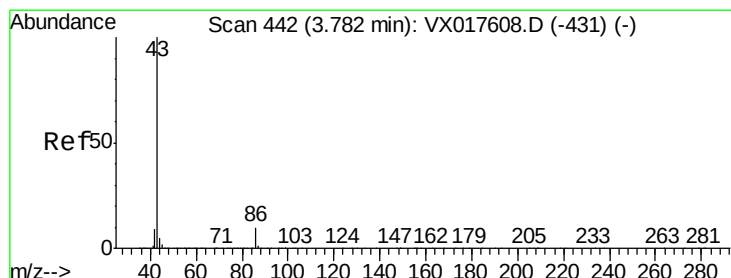
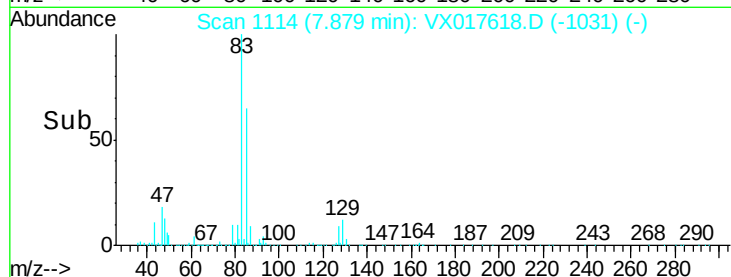
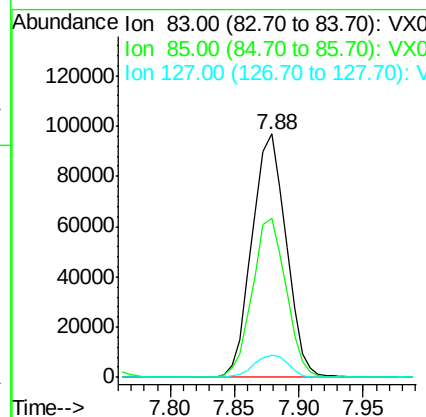
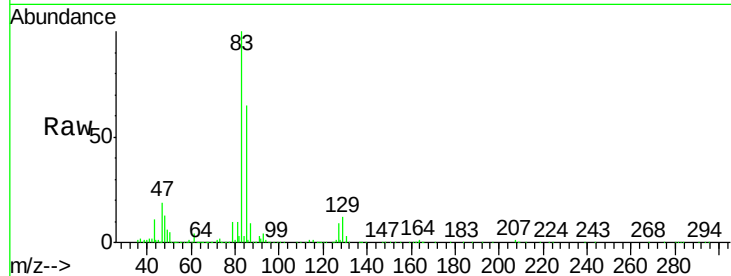
ClientSampleId :

VX0727WBS01

Tot Ion:	83	Resp:	178045
Ion Ratio	Lower	Upper	
83	100		
85	65.1	47.4	71.0
127	9.1	6.3	9.5

Manual Integrations
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MMDadoda
7/28/2020 10:31:17 AM



#42

Vinyl Acetate

Concen: 87.881 ug/l

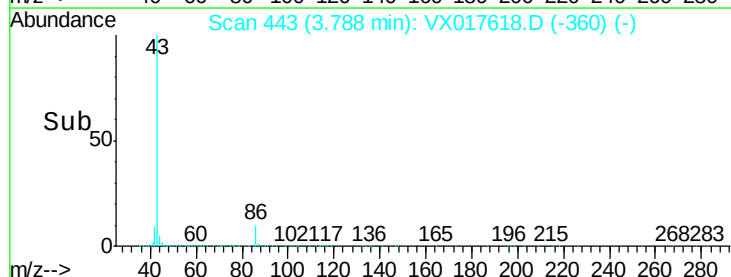
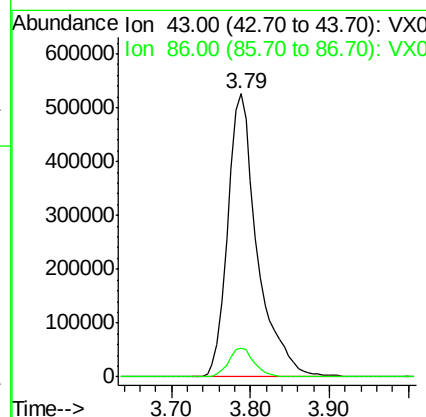
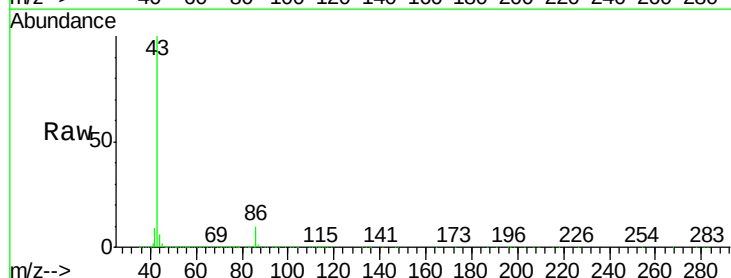
RT: 3.79 min Scan# 443

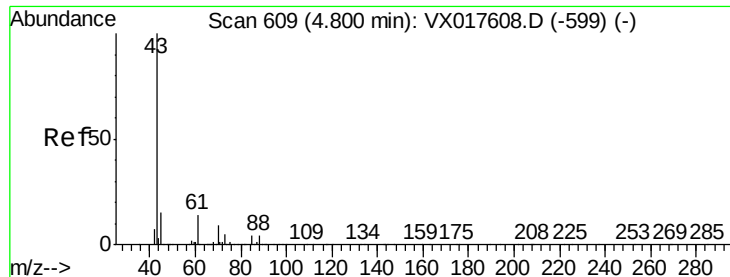
Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Tgt Ion:	43	Resp:	1368810
Ion Ratio	Lower	Upper	
43	100		
86	8.8	7.0	10.6





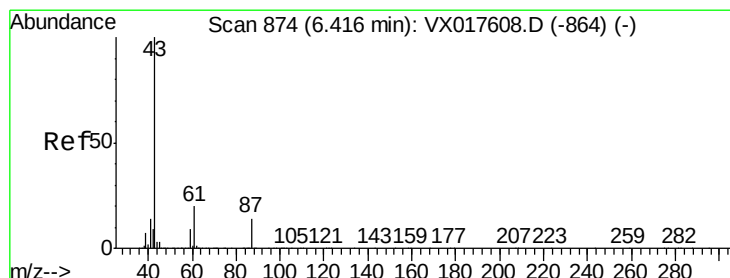
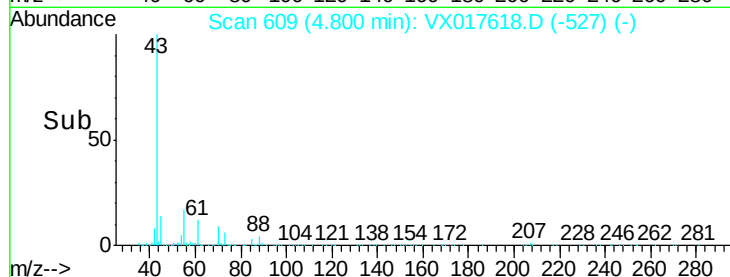
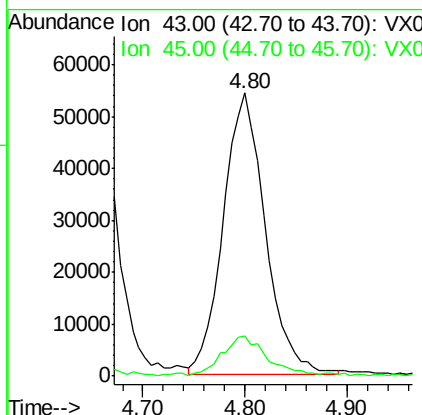
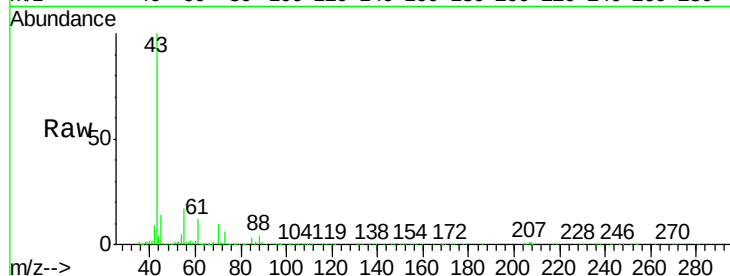
#43
Ethyl Acetate
Concen: 17.848 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.2	11.4	17.2

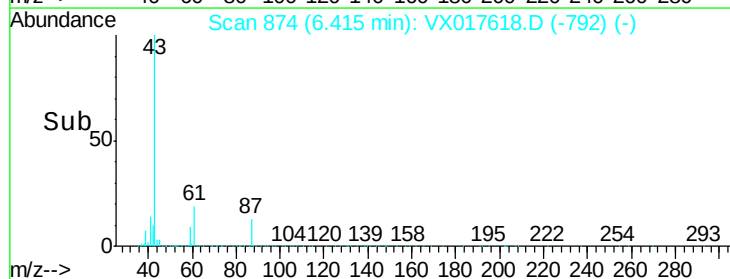
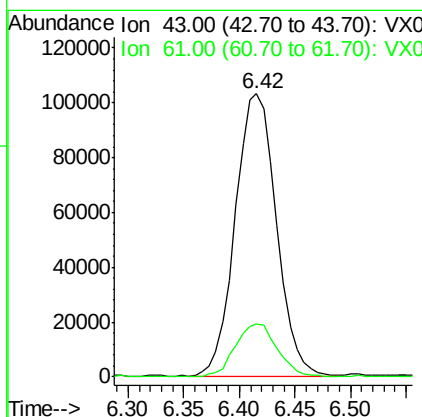
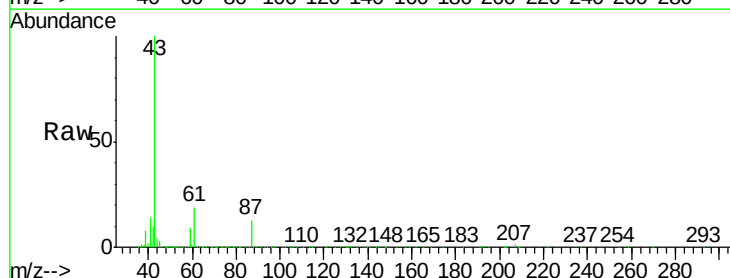
Manual Integrations
APPROVED

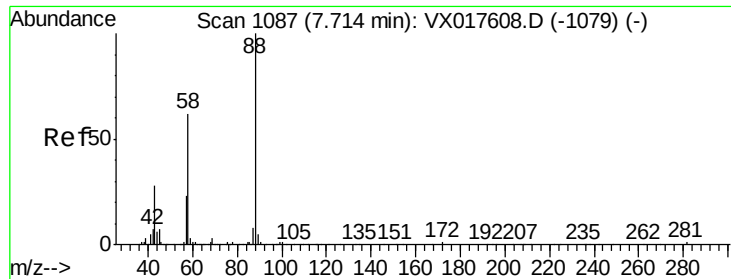
MMDadoda
7/28/2020 10:31:17 AM



#44
Isopropyl Acetate
Concen: 17.597 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.9	23.9





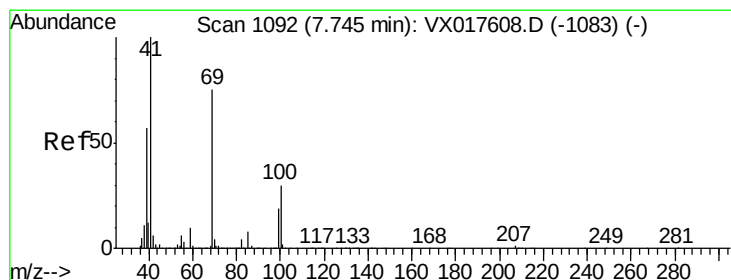
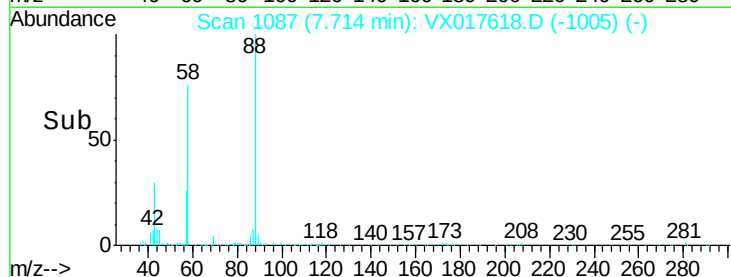
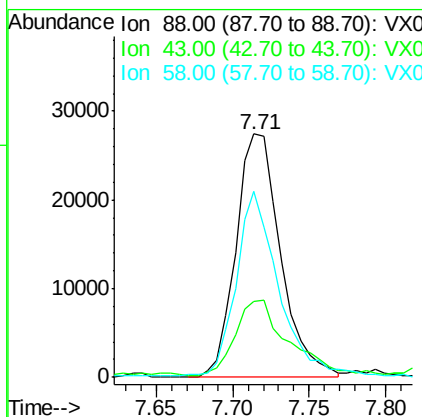
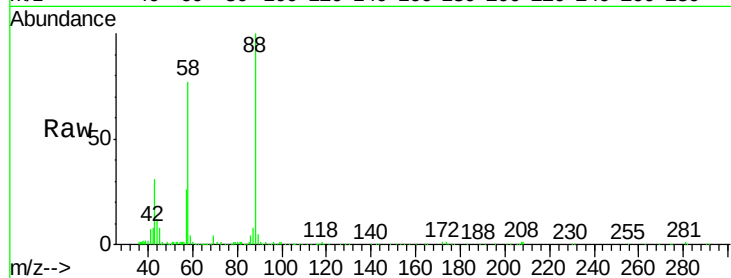
#45
 1,4-Dioxane
 Concen: 356.298 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	29.0	43.6
58	71.7	55.6	83.4

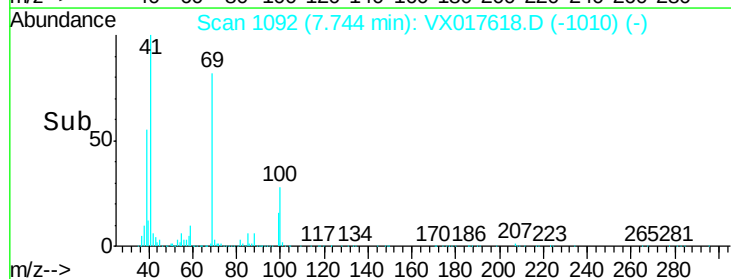
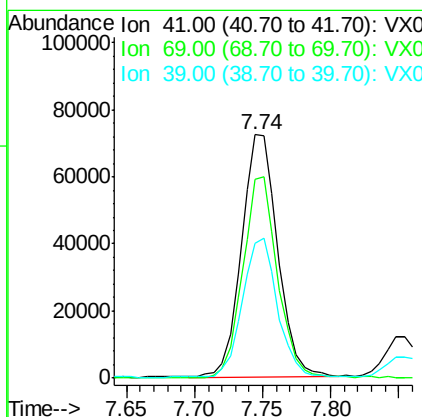
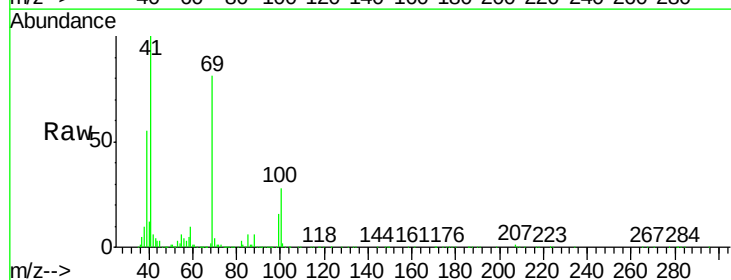
Manual Integrations
 APPROVED

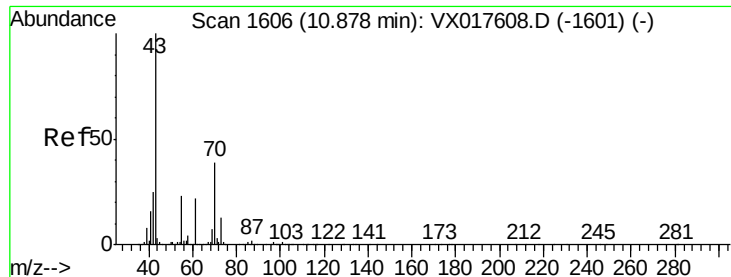
MMDadoda
 7/28/2020 10:31:17 AM



#46
 Methyl methacrylate
 Concen: 17.524 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.7	37.4	112.1
39	54.9	28.7	86.1





#47

n-amvl Acetate

Concen: 17.566 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 43 Resp: 230834

Ion Ratio Lower Upper

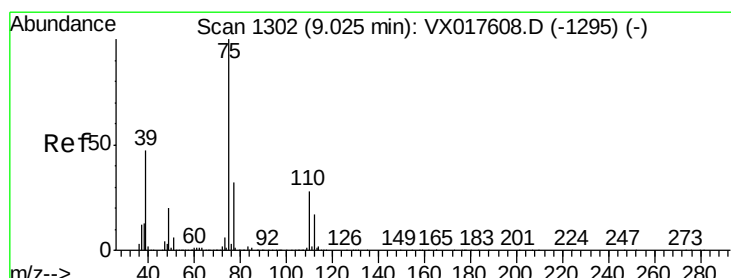
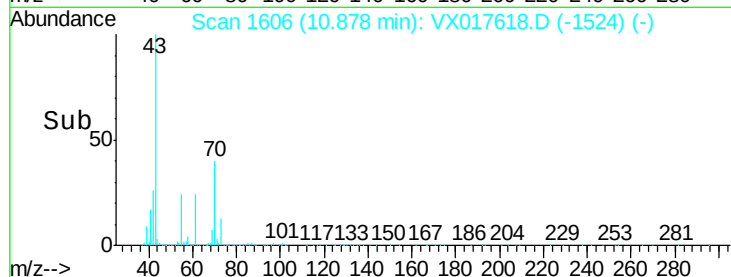
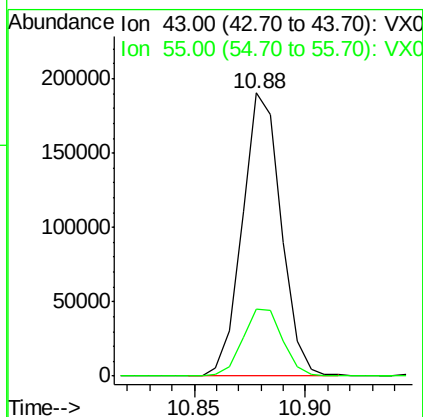
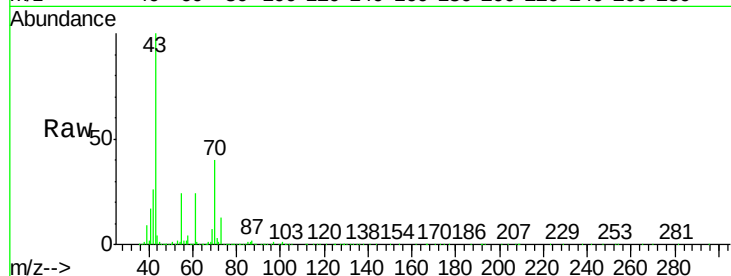
43 100

55 24.4 19.5 29.3

Manual Integrations
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MMDadoda

7/28/2020 10:31:17 AM



#48

t-1,3-Dichloropropene

Concen: 17.056 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017618.D

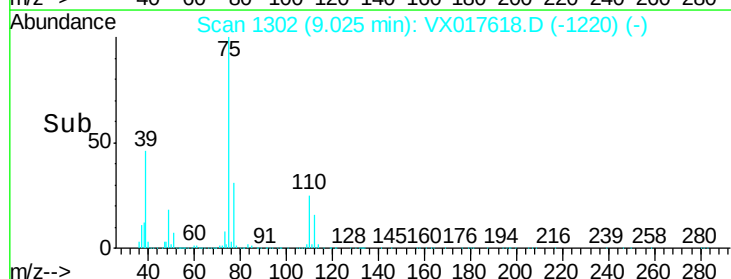
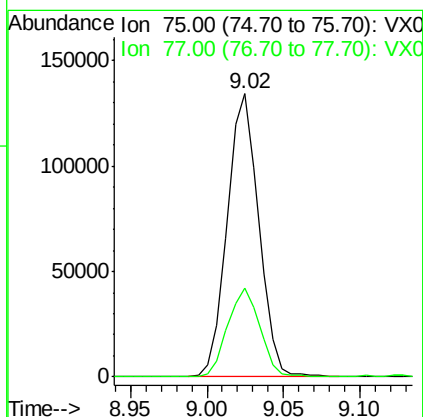
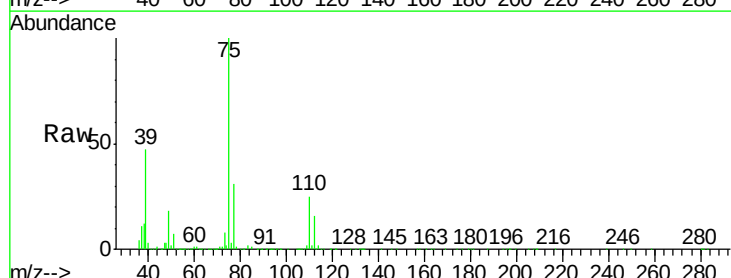
Acq: 27 Jul 2020 15:13

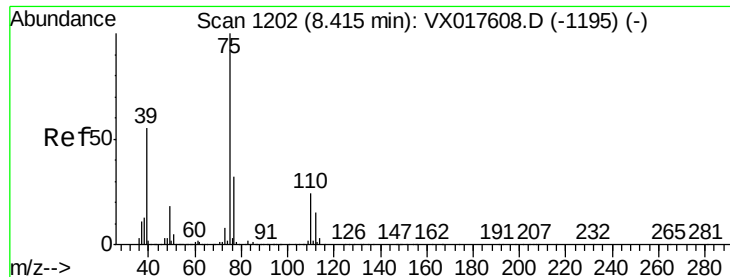
Tgt Ion: 75 Resp: 192091

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4





#49

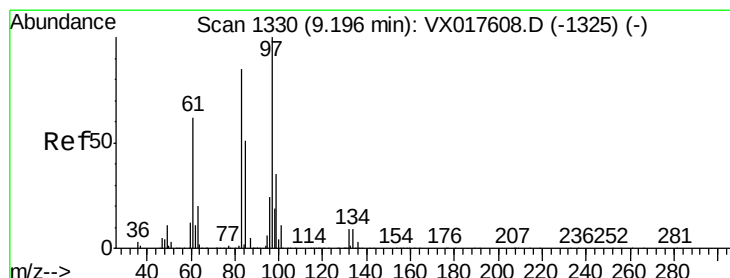
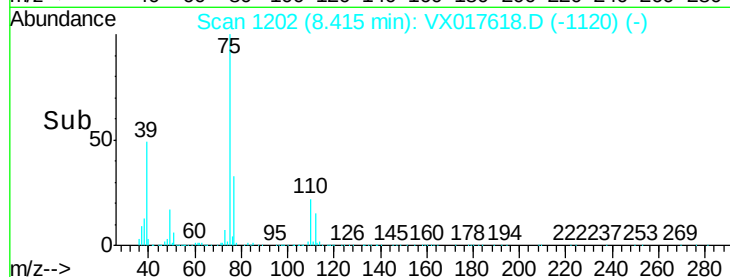
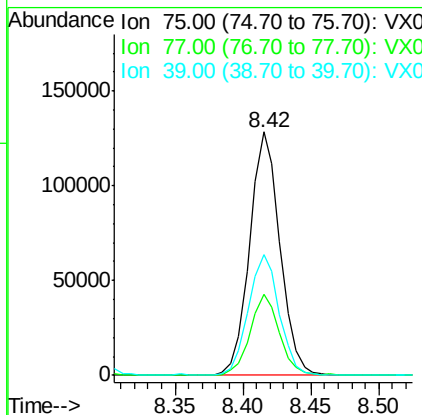
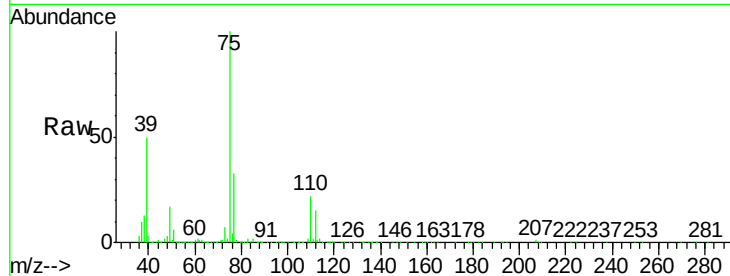
cis-1,3-Dichloropropene
 Concen: 16.655 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.4	38.0
39	49.3	43.6	65.4

Manual Integrations
 APPROVED

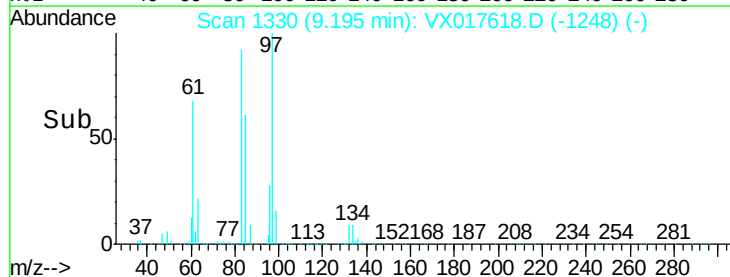
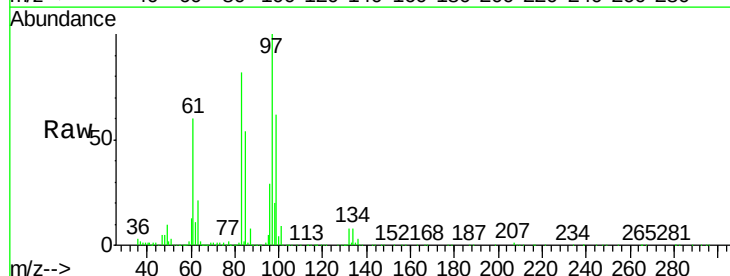
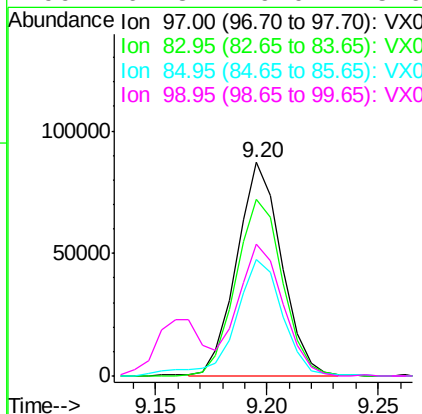
MMDadoda
 7/28/2020 10:31:17 AM

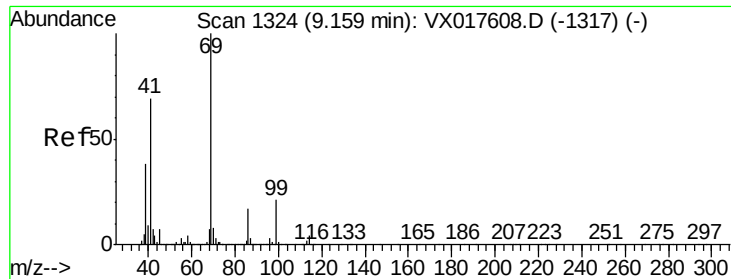


#50

1,1,2-Trichloroethane
 Concen: 18.329 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	68.2	102.2
85	53.7	42.6	64.0
99	61.8	49.0	73.6





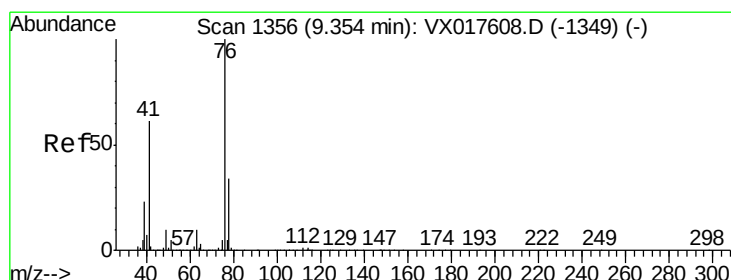
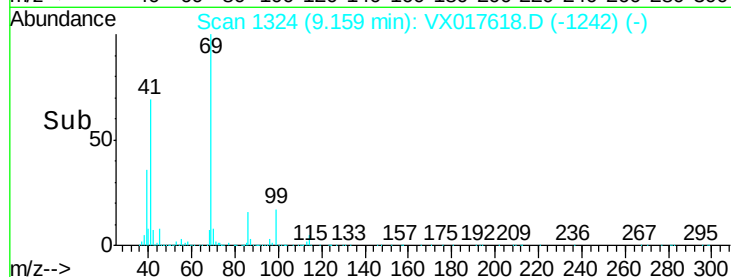
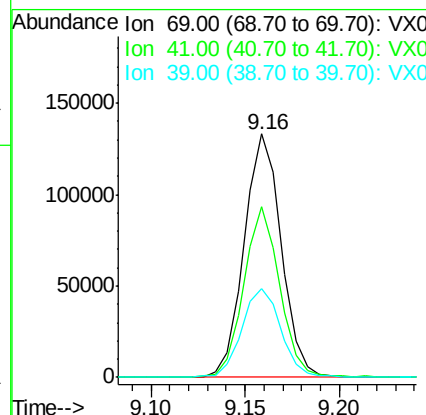
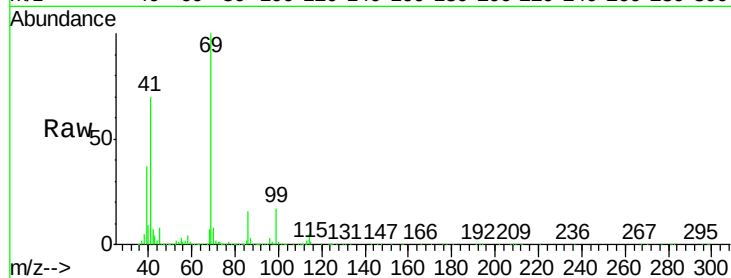
#51
Ethyl methacrylate
Concen: 17.982 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
69	100		
41	69.8	34.4	103.2
39	36.5	19.1	57.1

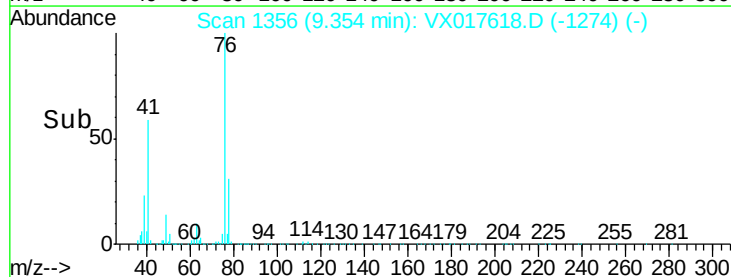
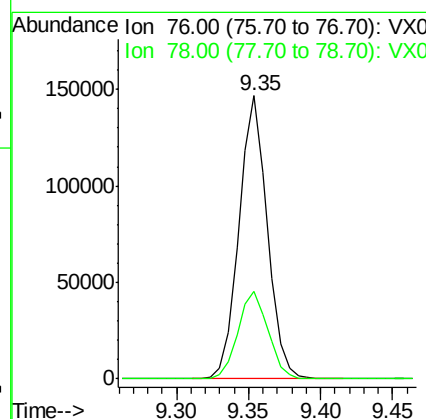
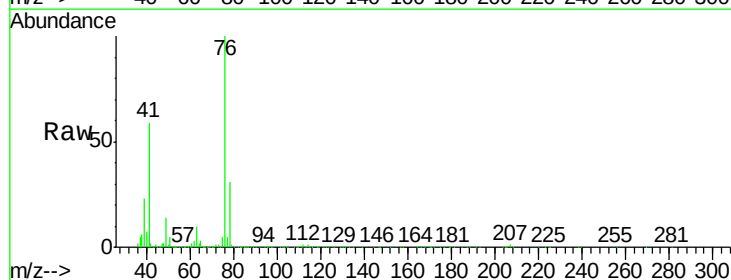
Manual Integrations
APPROVED

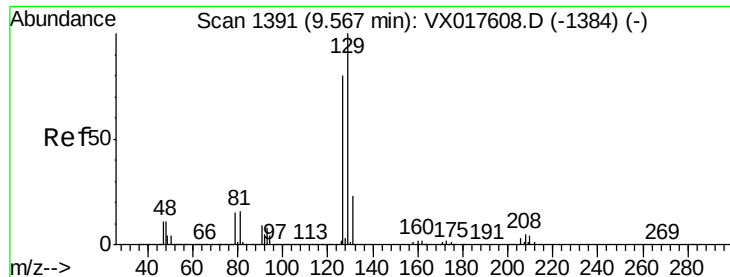
MMDadoda
7/28/2020 10:31:17 AM



#52
1,3-Dichloropropane
Concen: 18.471 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.4





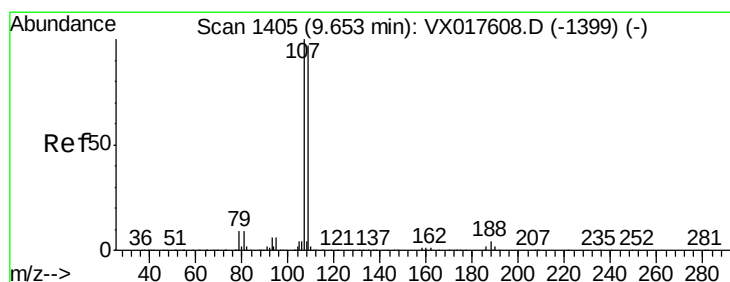
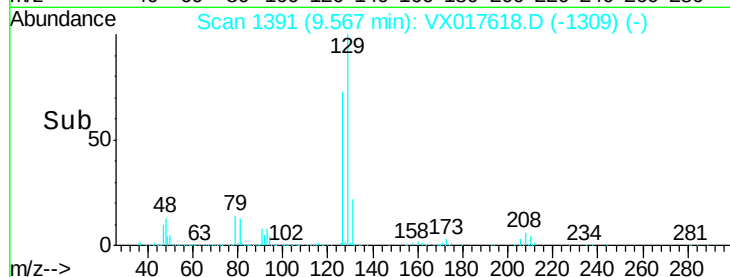
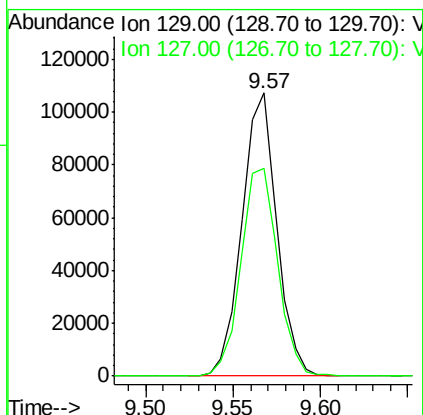
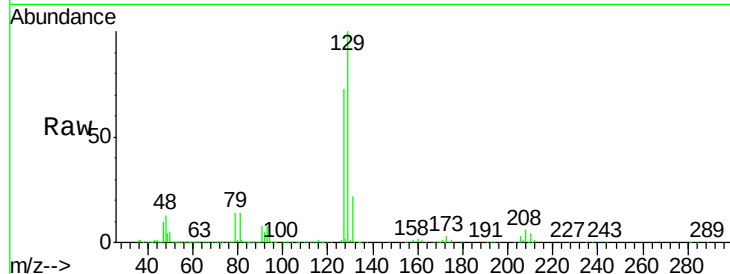
#53
Dibromochloromethane
Concen: 17.468 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion:129 Resp: 148382
Ion Ratio Lower Upper
129 100
127 78.0 39.7 119.1

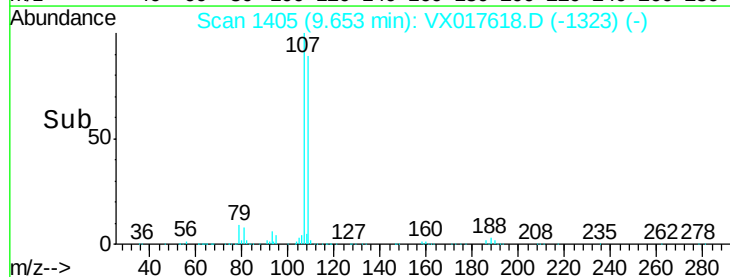
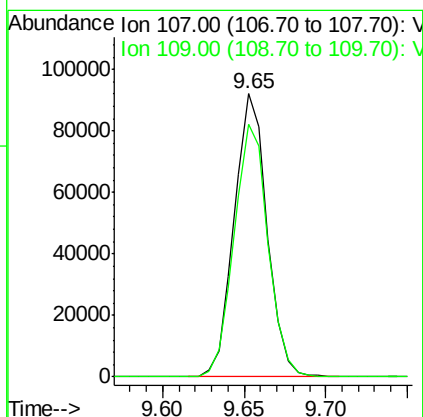
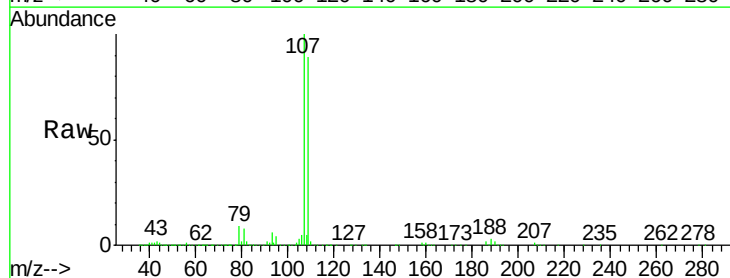
Manual Integrations
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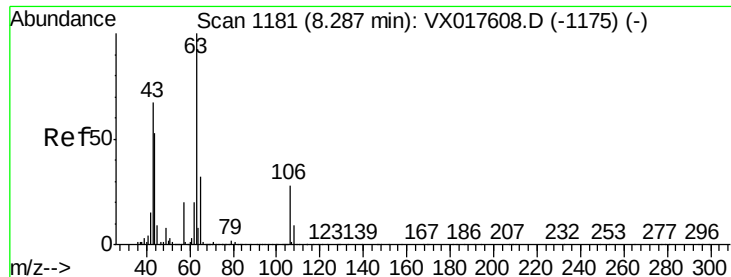
MMDadoda
7/28/2020 10:31:17 AM



#54
1,2-Dibromoethane
Concen: 17.804 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion:107 Resp: 129515
Ion Ratio Lower Upper
107 100
109 92.4 75.6 113.4





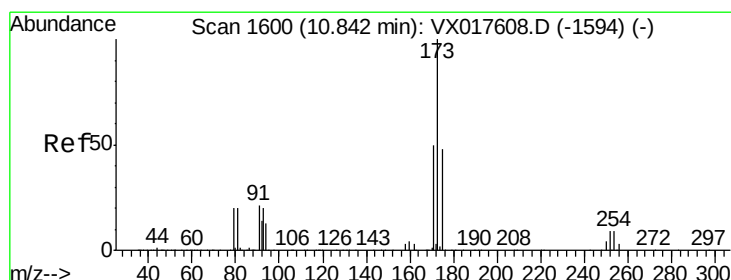
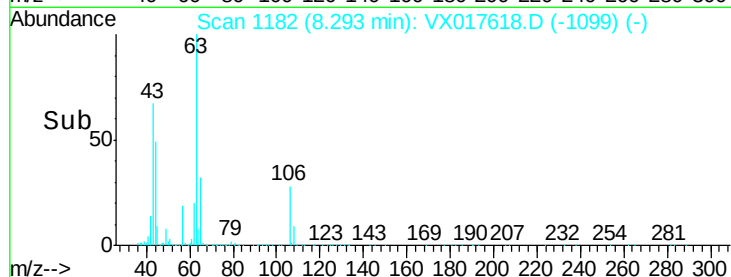
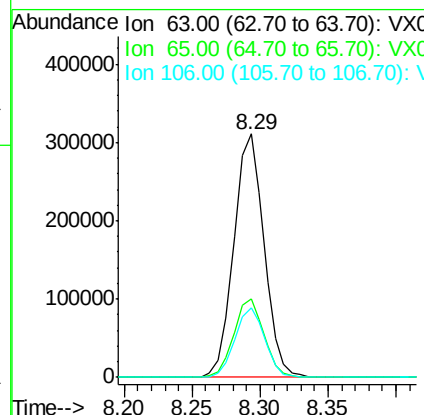
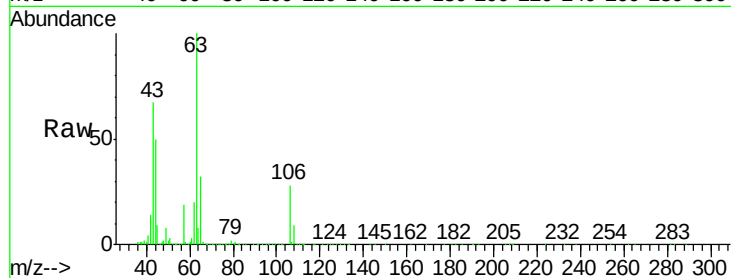
#55
 2-Chloroethyl vinyl ether
 Concen: 88.997 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.5	38.3
106	28.3	22.9	34.3

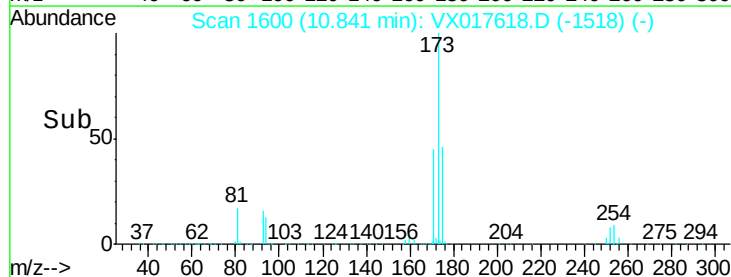
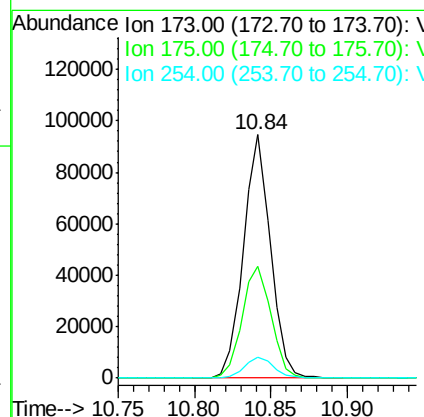
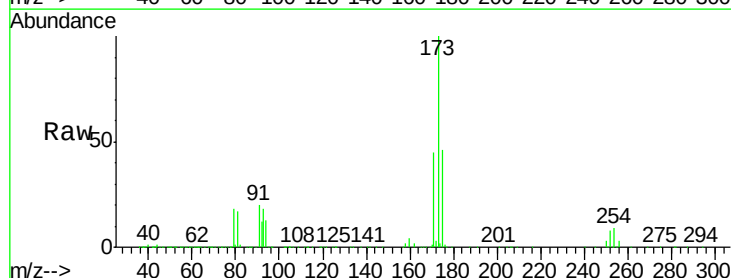
Manual Integrations
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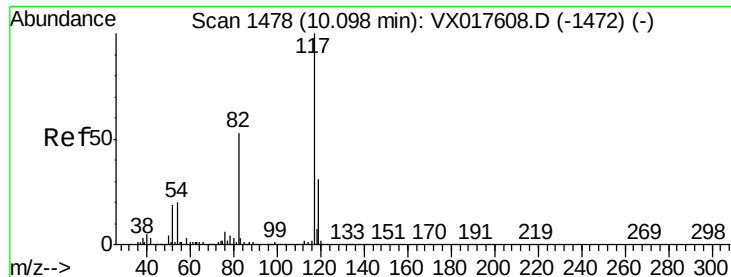
MMDadoda
 7/28/2020 10:31:17 AM



#56
 Bromoform
 Concen: 17.837 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.2	57.4
254	9.3	7.4	11.2





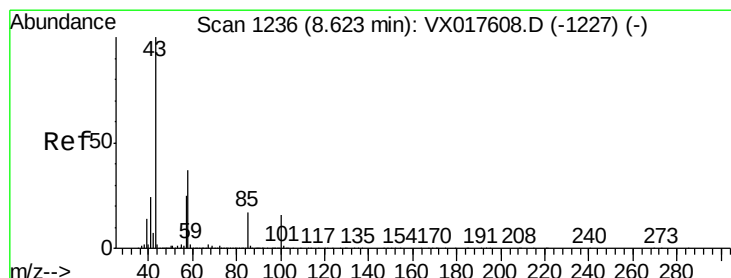
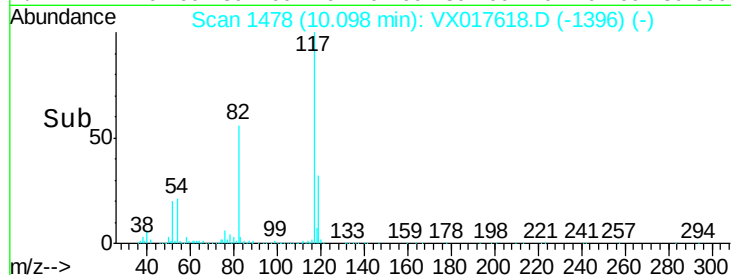
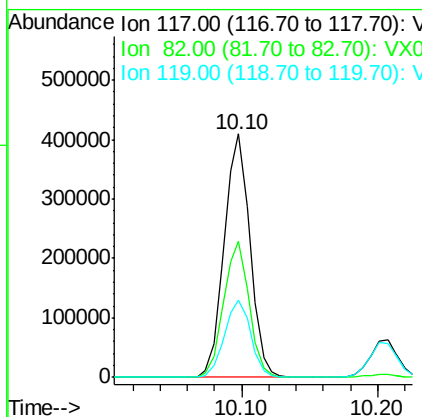
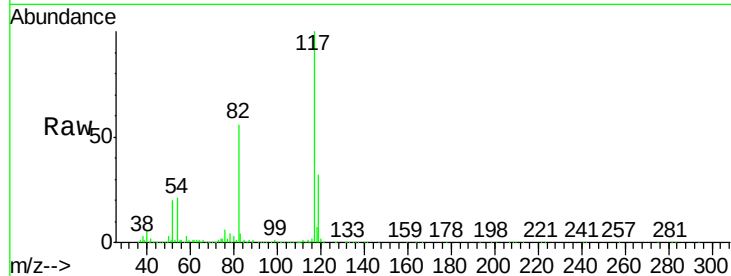
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	539138		
82	54.7	43.6	65.4	
119	32.1	25.7	38.5	

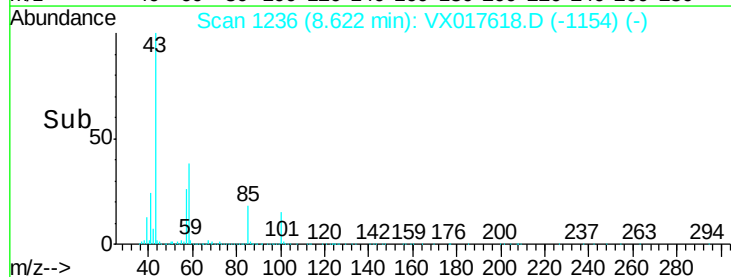
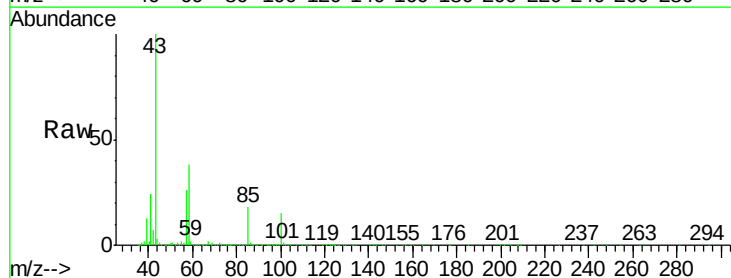
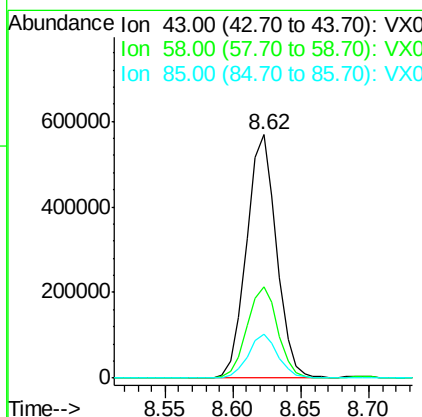
Manual Integrations
APPROVED

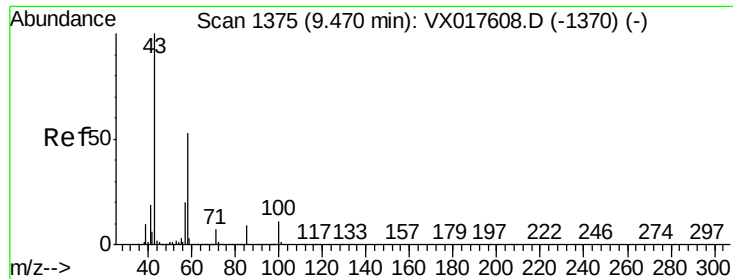
MMDadoda
7/28/2020 10:31:17 AM



#58
4-Methyl-2-Pentanone
Concen: 91.242 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	877981		
58	38.6	30.5	45.7	
85	17.9	14.2	21.2	





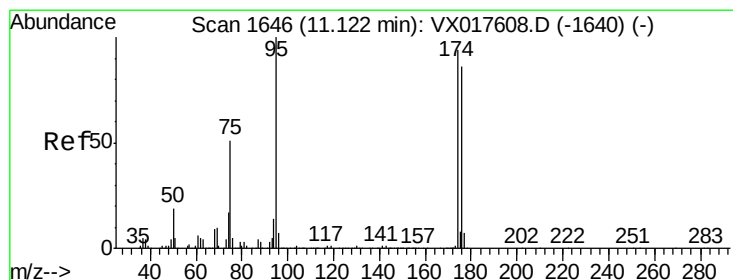
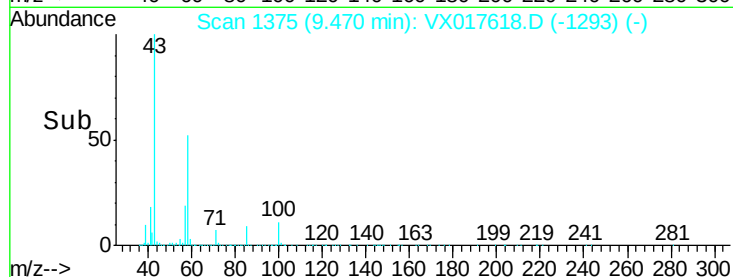
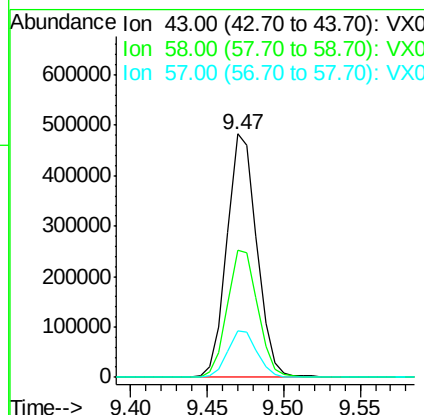
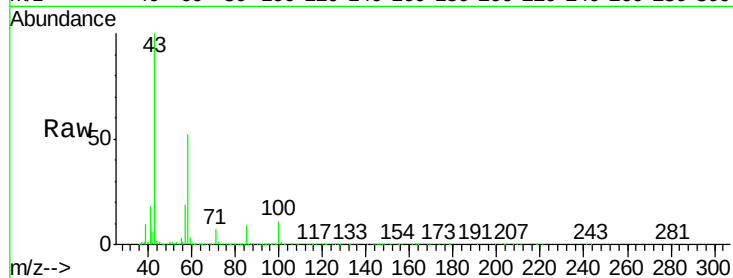
#59
2-Hexanone
Concen: 96.411 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.3	42.9	64.3
57	18.9	16.1	24.1

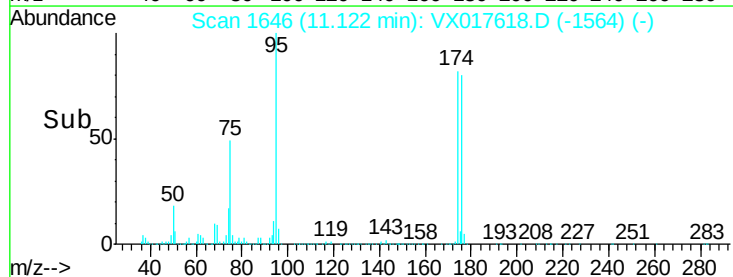
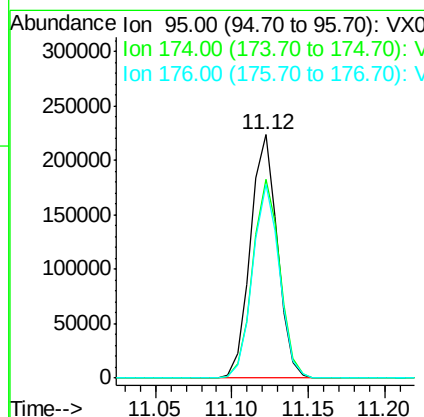
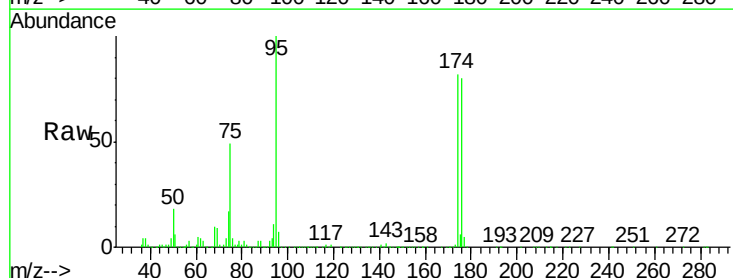
Manual Integrations
APPROVED

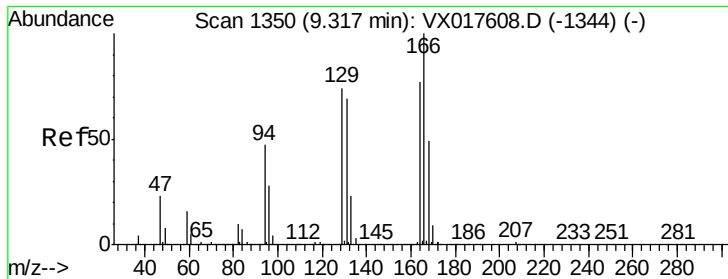
MMDadoda
7/28/2020 10:31:17 AM



#60
4-Bromofluorobenzene
Concen: 30.001 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.5	70.2	105.2
176	79.2	65.6	98.4





#61

Tetrachloroethene

Concen: 18.534 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

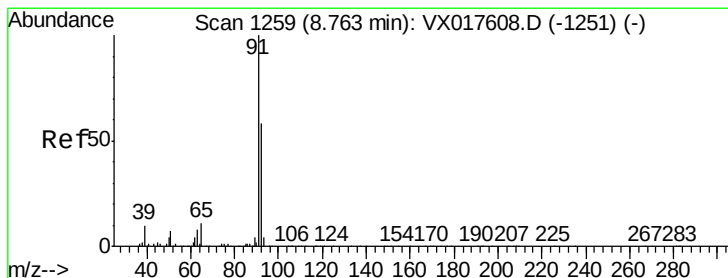
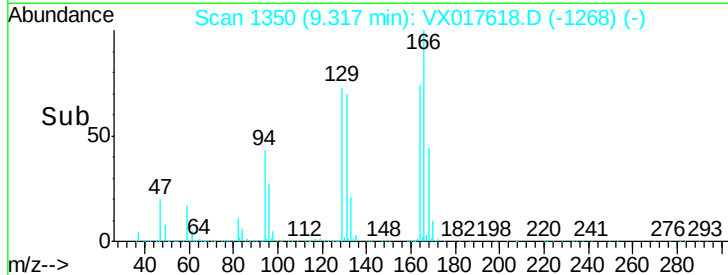
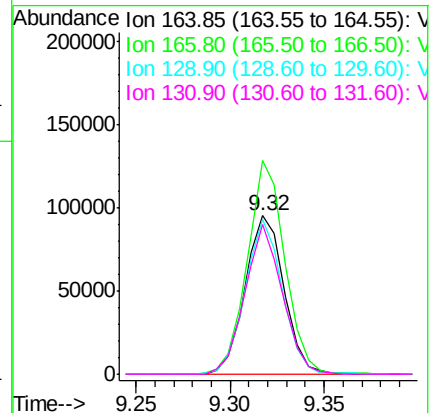
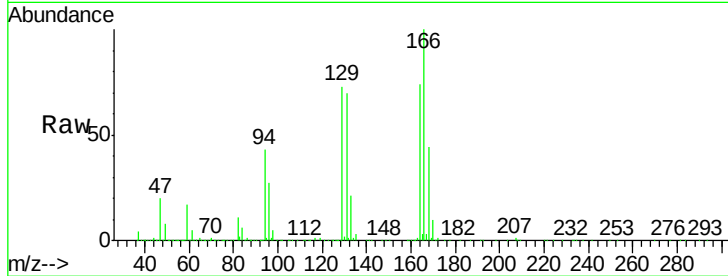
ClientSampleId :

VX0727WBS01

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	135.0	104.4	156.6	
129	98.1	77.0	115.4	
131	94.2	72.3	108.5	

Manual Integrations
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#62

Toluene

Concen: 17.826 ug/l

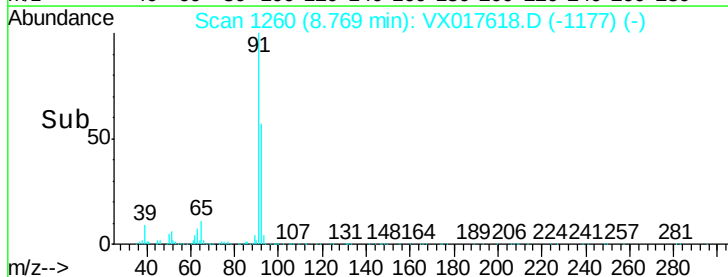
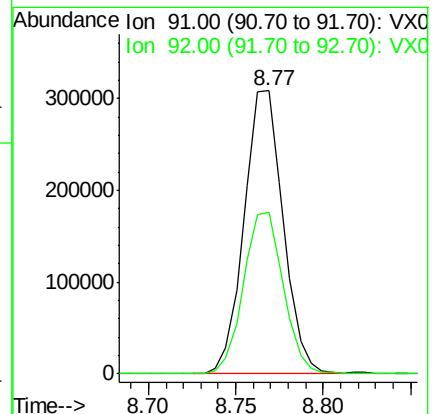
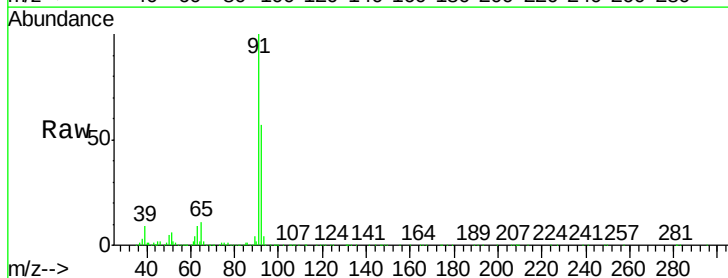
RT: 8.77 min Scan# 1260

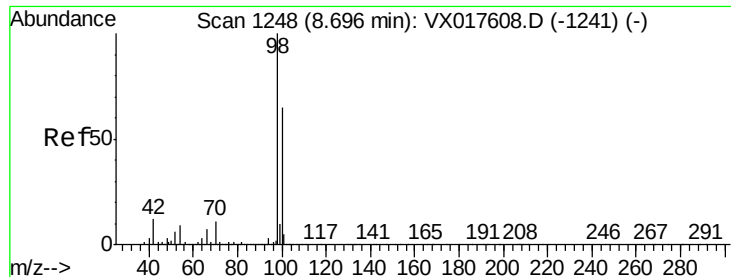
Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
92	58.8	46.9	70.3	





#63

Toluene-d8

Concen: 29.395 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 98 Resp: 701318

Ion Ratio Lower Upper

98 100

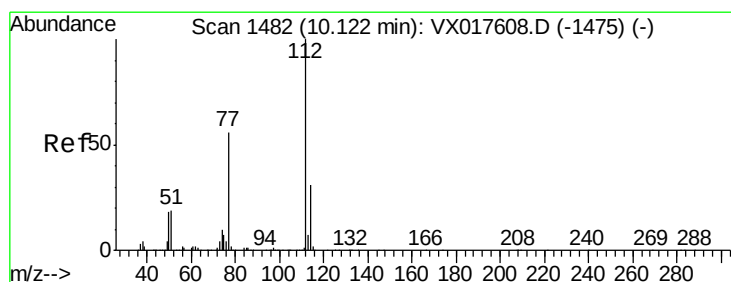
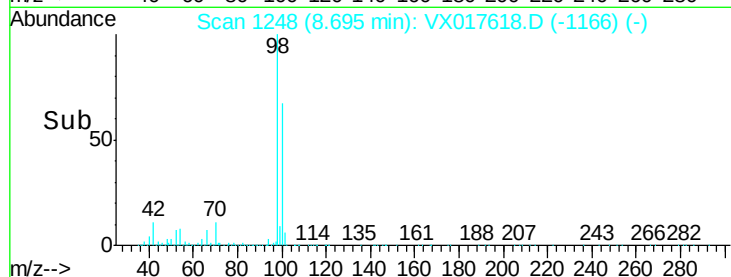
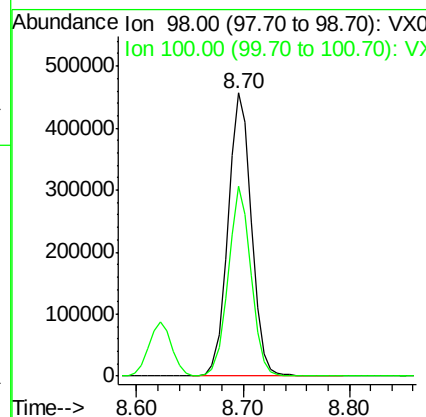
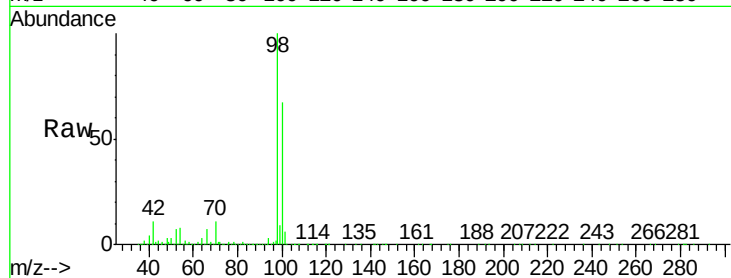
100 65.0 51.9 77.9

Manual Integrations

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#64

Chlorobenzene

Concen: 18.258 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017618.D

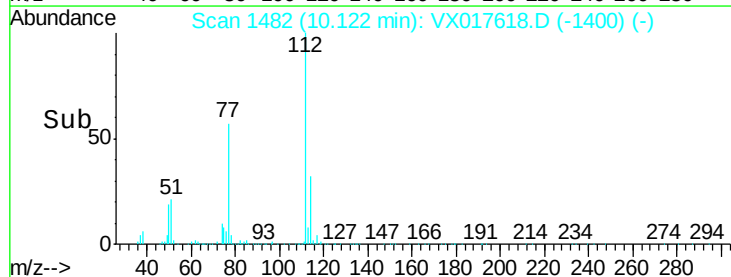
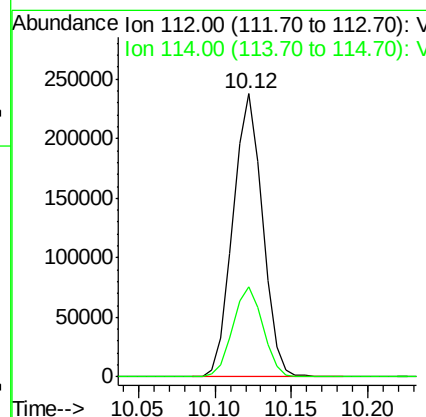
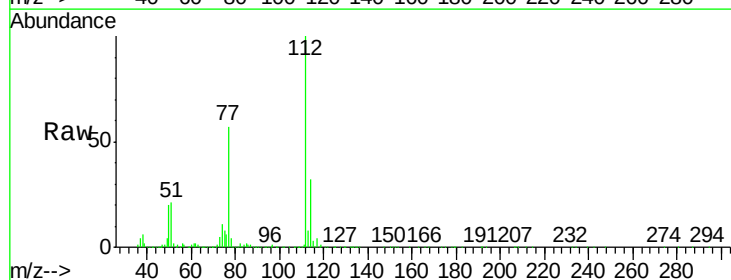
Acq: 27 Jul 2020 15:13

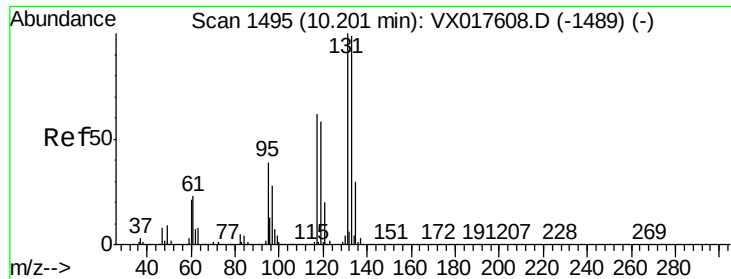
Tgt Ion: 112 Resp: 319714

Ion Ratio Lower Upper

112 100

114 31.7 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.466 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

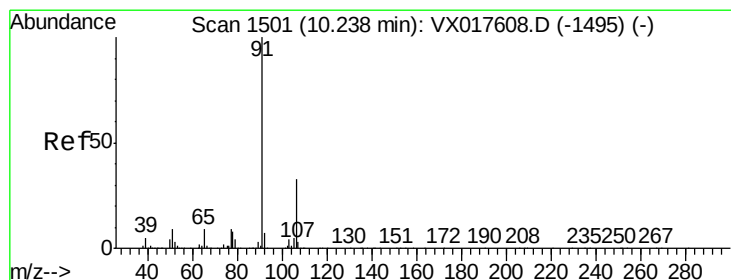
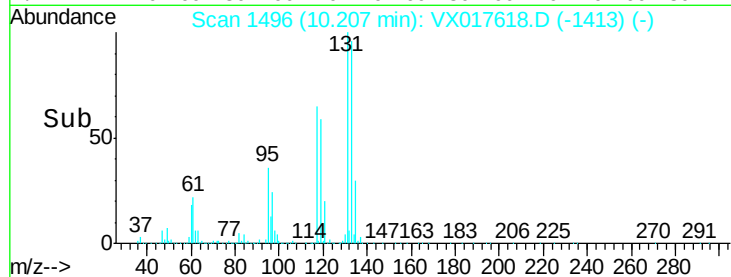
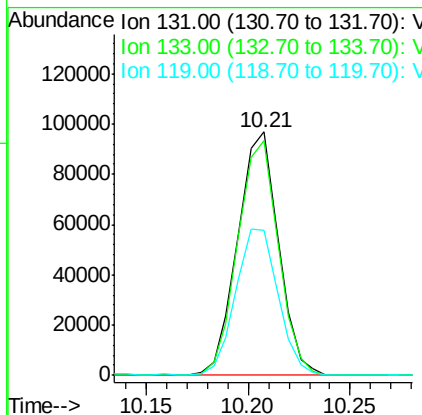
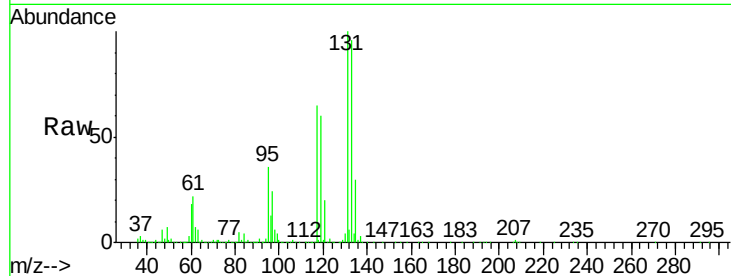
ClientSampleId :

VX0727WBS01

Tot Ion:	131	Resp:	135240
Ion Ratio	Lower	Upper	
131	100		
133	95.1	0.0	189.8
119	62.2	0.0	119.6

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.505 ug/l

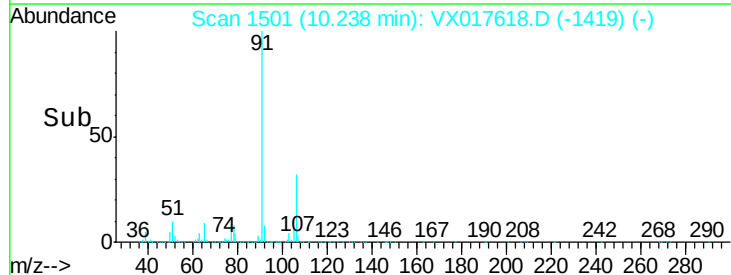
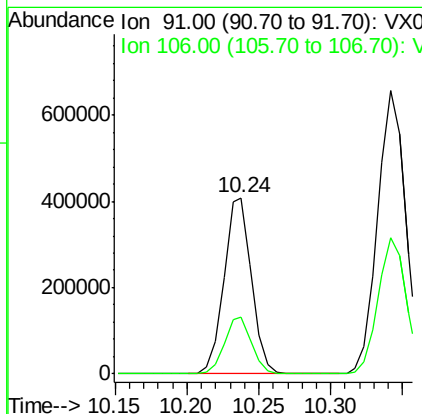
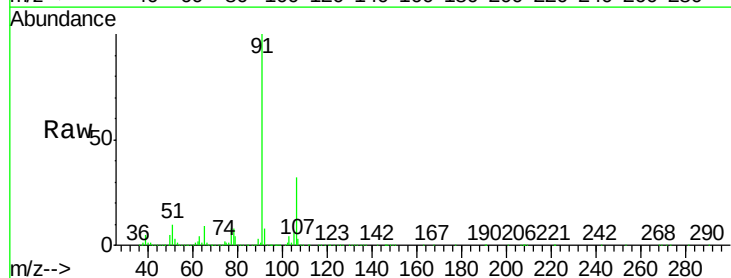
RT: 10.24 min Scan# 1501

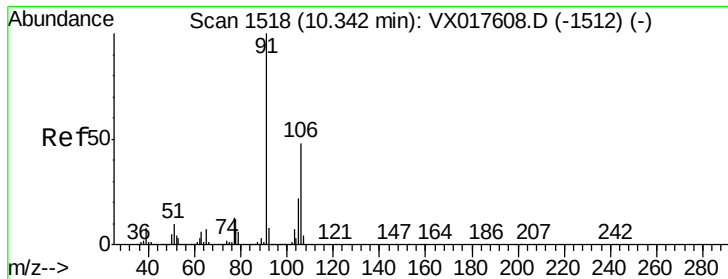
Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Tgt Ion:	91	Resp:	547341
Ion Ratio	Lower	Upper	
91	100		
106	32.0	26.2	39.2





#67

m/p-Xylenes

Concen: 38.101 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion:106 Resp: 422209

Ion Ratio Lower Upper

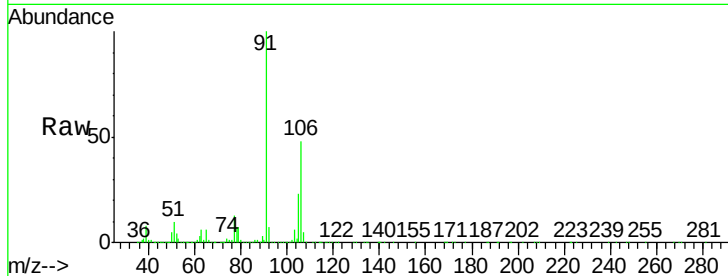
106 100

91 207.1 166.6 249.8

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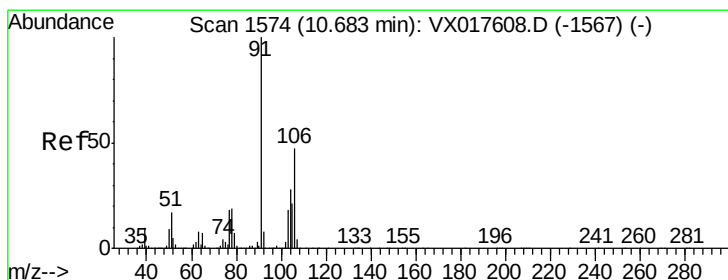
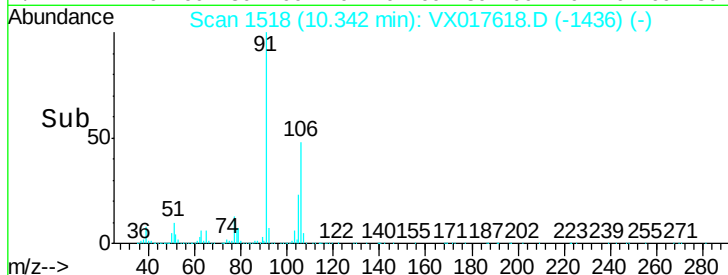
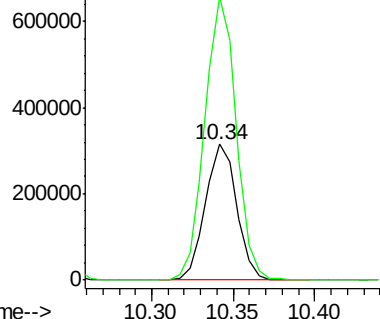
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.130 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017618.D

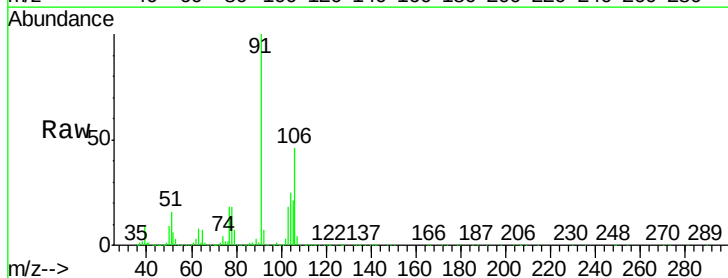
Acq: 27 Jul 2020 15:13

Tgt Ion:106 Resp: 199582

Ion Ratio Lower Upper

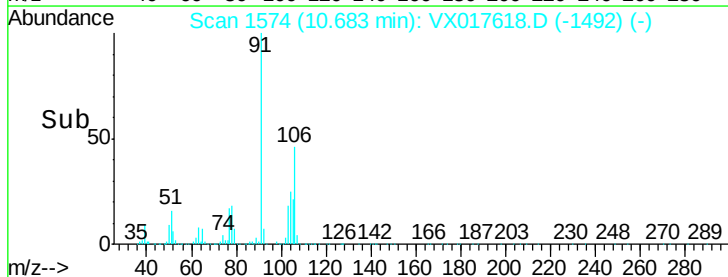
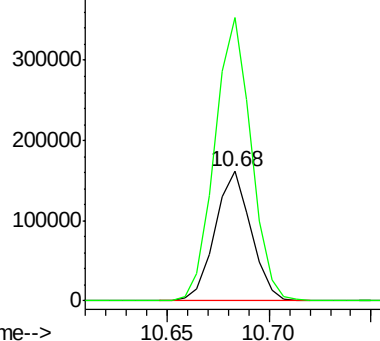
106 100

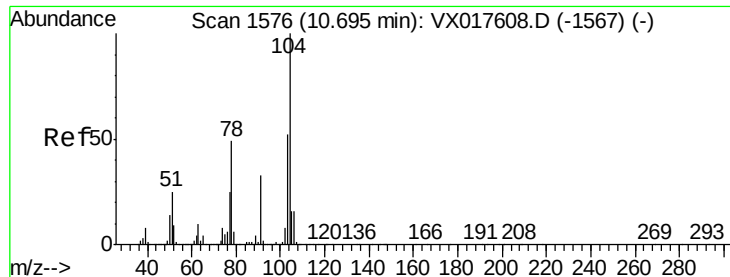
91 219.1 105.8 317.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





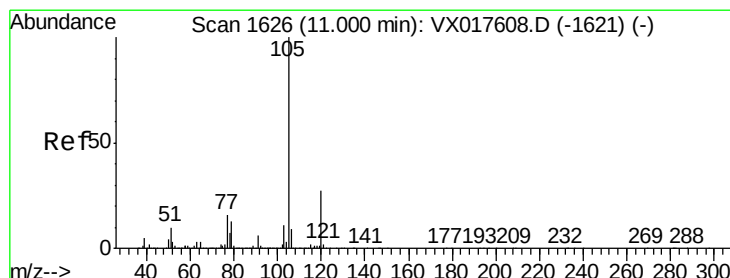
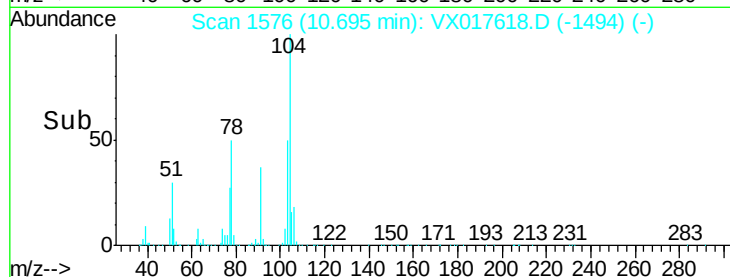
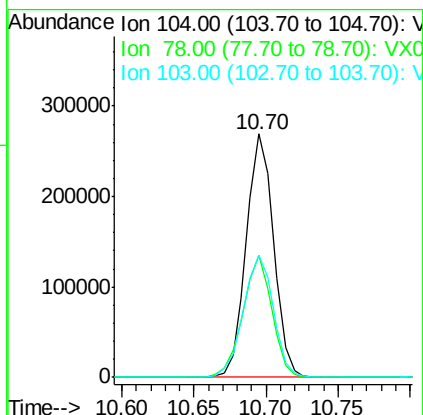
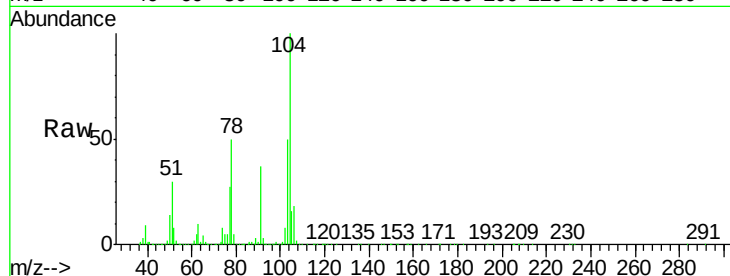
#69
Stvrene
Concen: 18.423 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	353590		
78	52.9		41.7	62.5
103	55.4		43.4	65.2

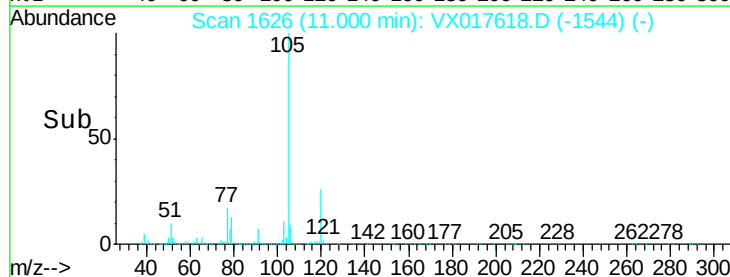
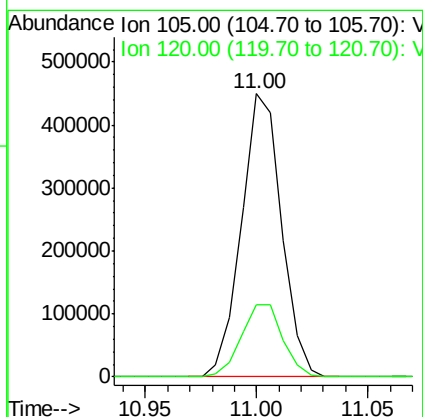
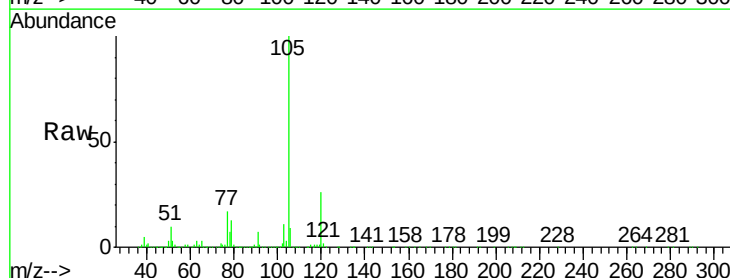
Manual Integrations
APPROVED

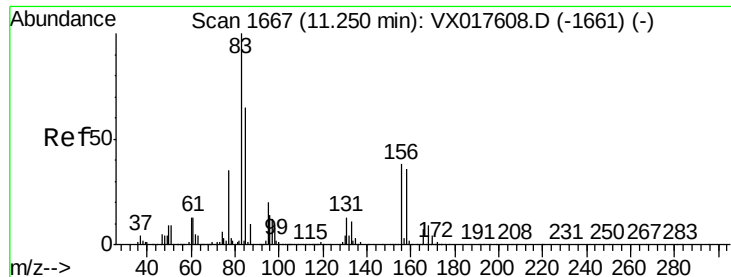
MMDadoda
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#70
Isopropylbenzene
Concen: 17.592 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	565657		
120	26.6		18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 19.314 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 83 Resp: 173088

Ion Ratio Lower Upper

83 100

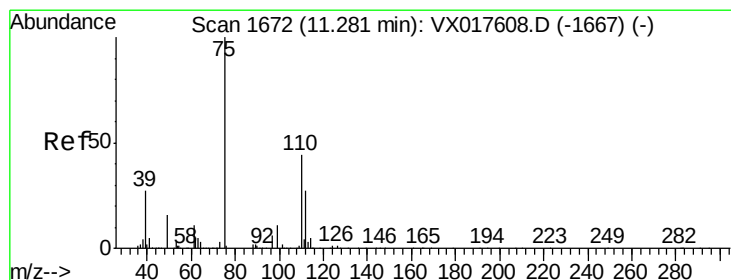
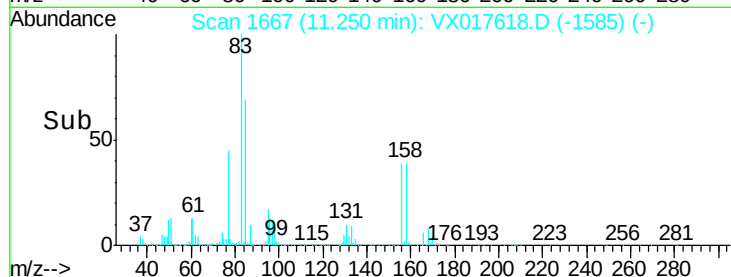
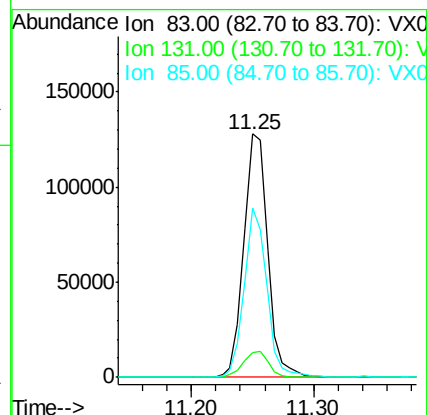
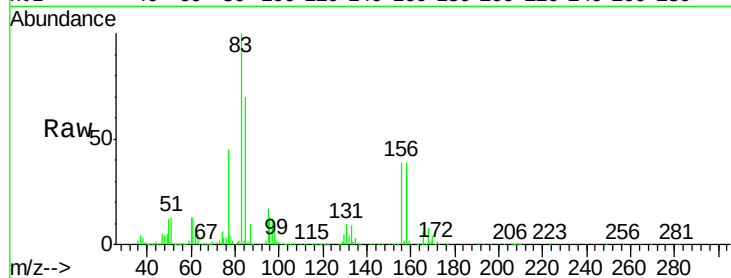
131 11.3 5.9 17.8

85 65.6 32.7 98.1

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 19.063 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017618.D

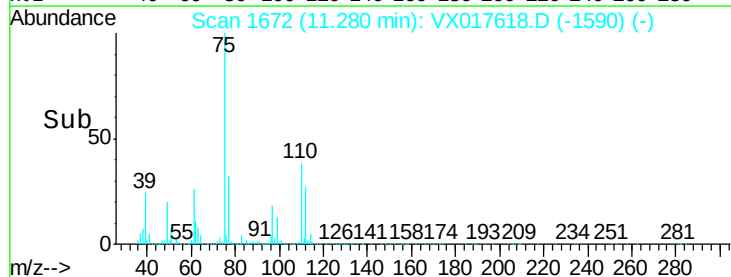
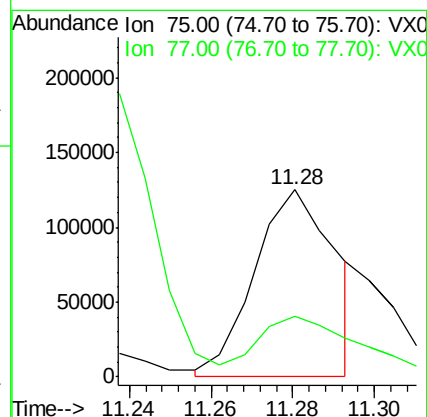
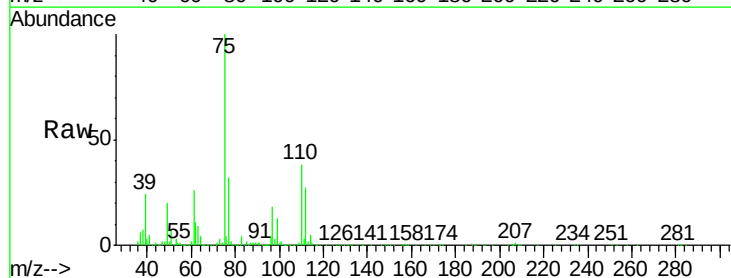
Acq: 27 Jul 2020 15:13

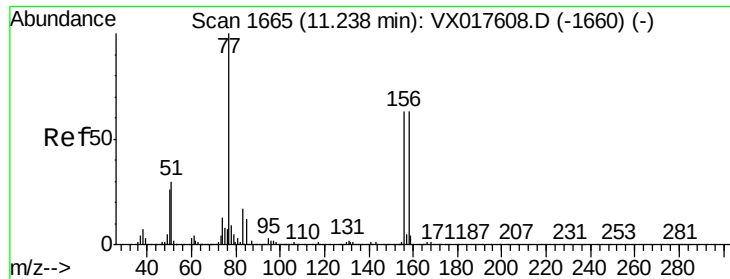
Tgt Ion: 75 Resp: 171277

Ion Ratio Lower Upper

75 100

77 40.1 0.0 73.2





#73

Bromobenzene

Concen: 18.080 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

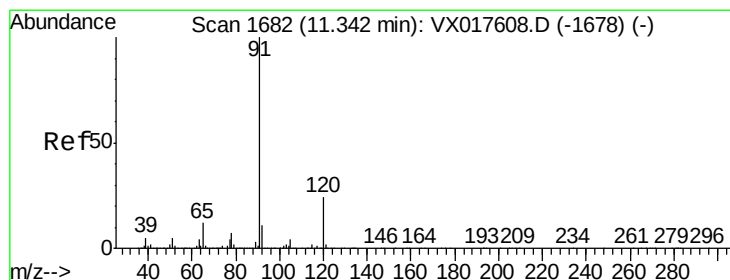
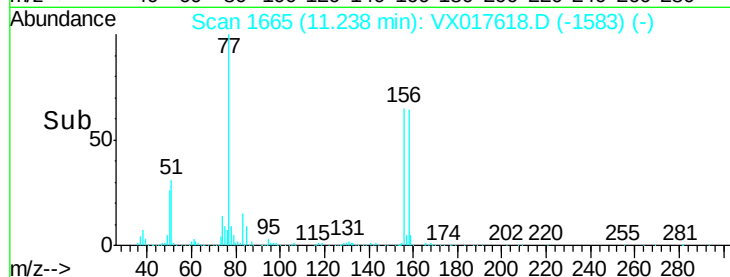
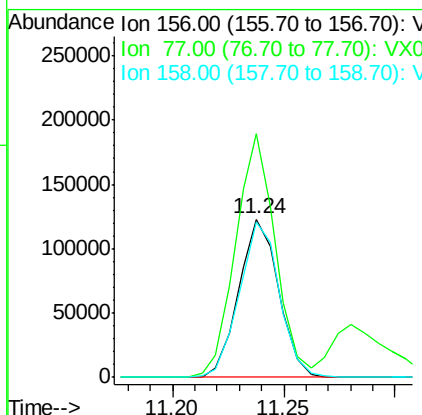
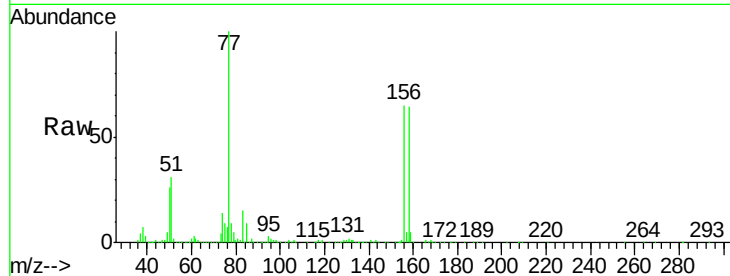
ClientSampleId :

VX0727WBS01

Tot Ion:	156	Resp:	153546
Ion Ratio	Lower	Upper	
156	100		
77	152.5	0.0	302.0
158	98.8	0.0	199.6

Manual Integrations
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#74

n-propylbenzene

Concen: 18.090 ug/l

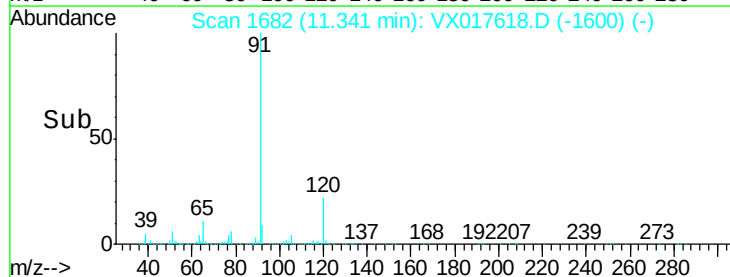
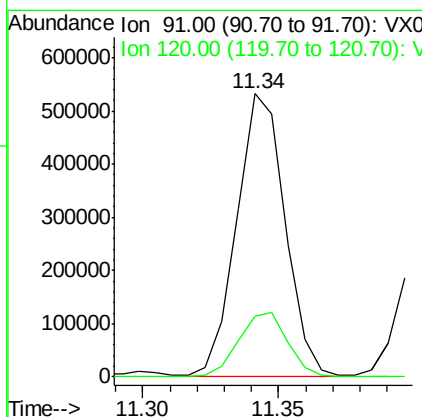
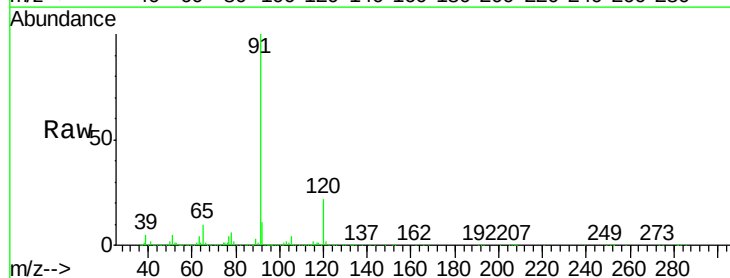
RT: 11.34 min Scan# 1682

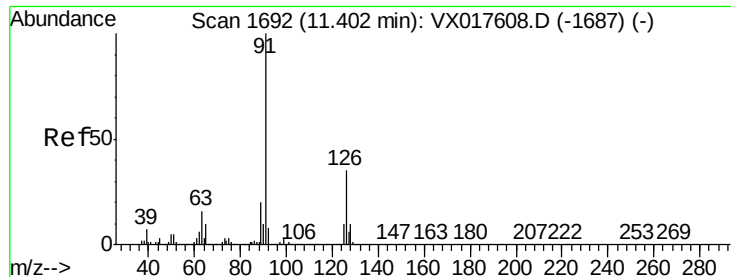
Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Tgt Ion:	91	Resp:	655609
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	48.0





#75

2-Chlorotoluene

Concen: 18.116 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 91 Resp: 395050

Ion Ratio Lower Upper

91 100

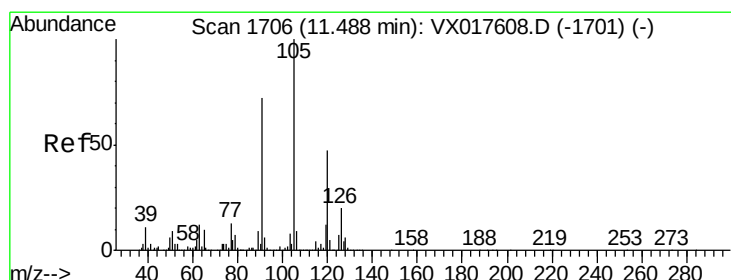
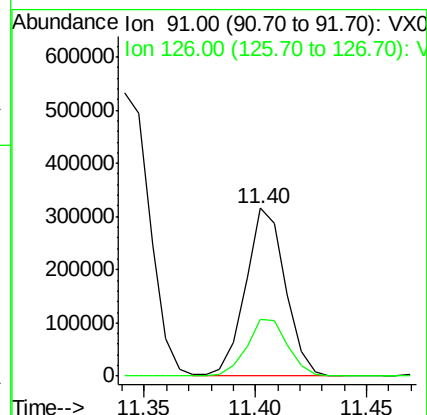
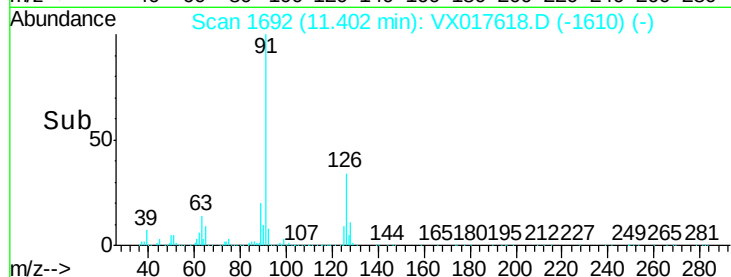
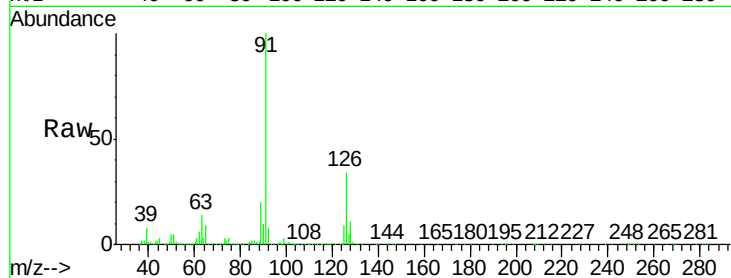
126 34.5 0.0 67.8

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 18.222 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017618.D

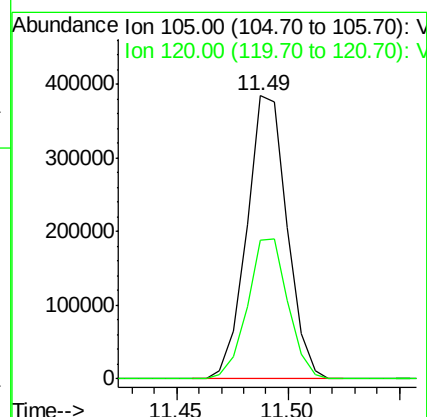
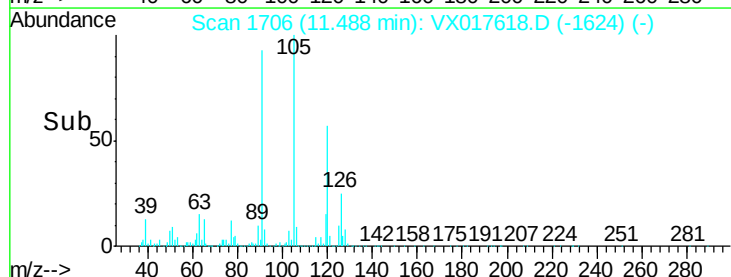
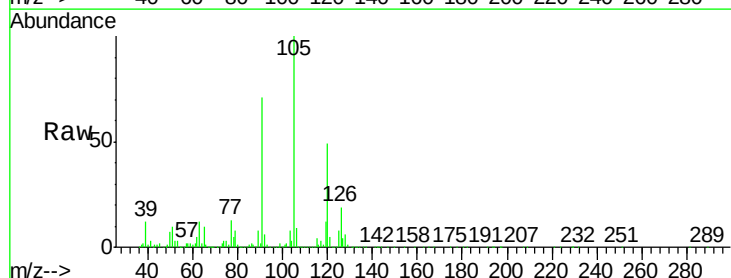
Acq: 27 Jul 2020 15:13

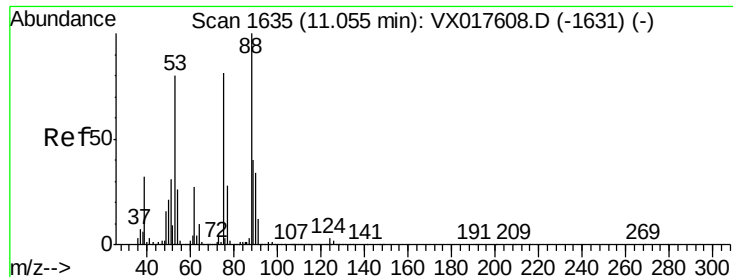
Tgt Ion: 105 Resp: 485081

Ion Ratio Lower Upper

105 100

120 49.8 0.0 95.8





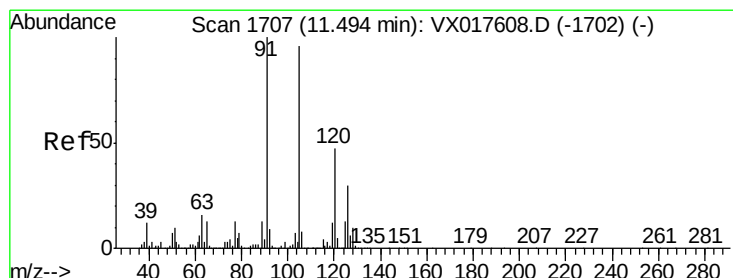
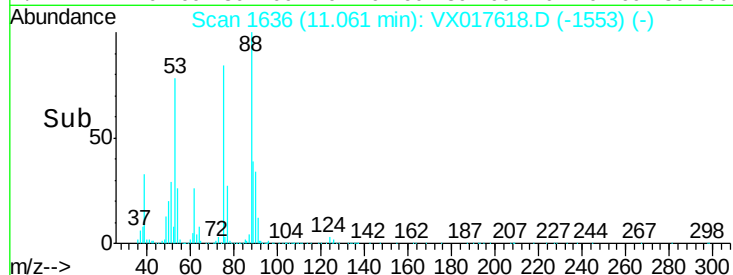
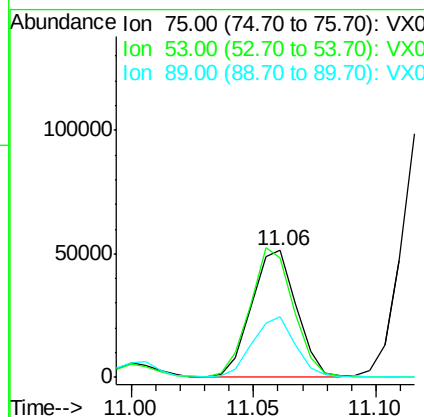
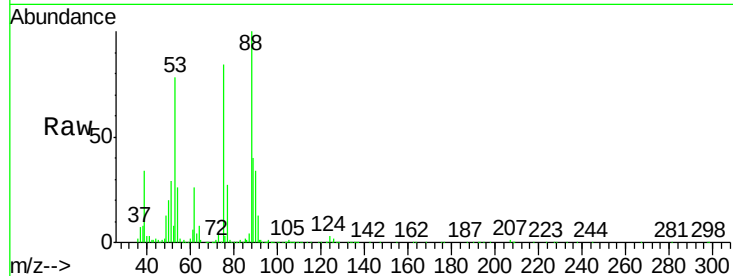
#77
t-1,4-Dichloro-2-butene
Concen: 17.931 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.4	49.0	147.0
89	46.7	24.4	73.2

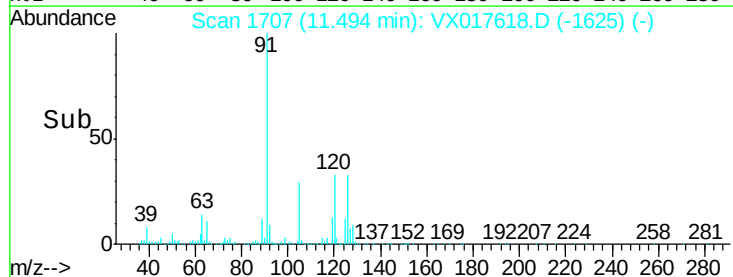
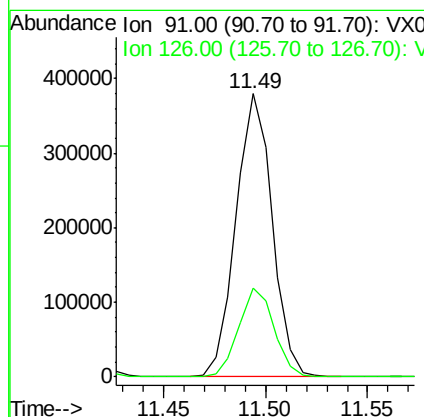
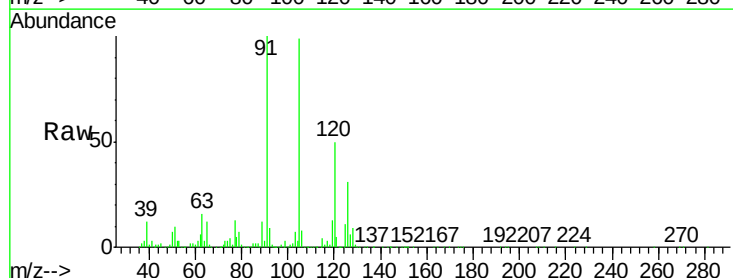
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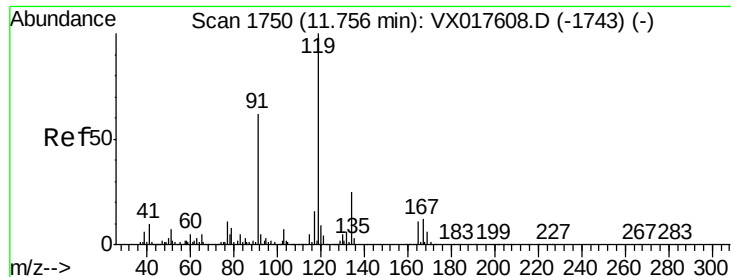
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#78
4-Chlorotoluene
Concen: 18.319 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	0.0	60.8





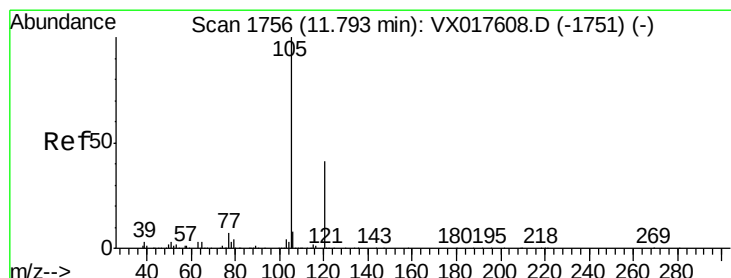
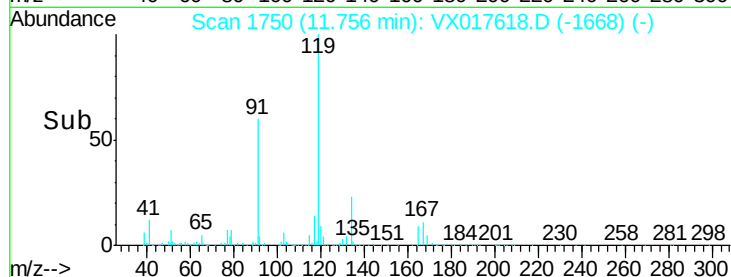
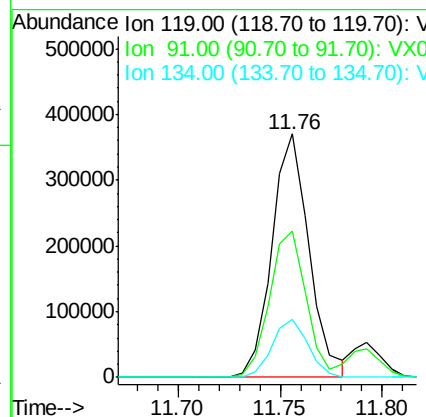
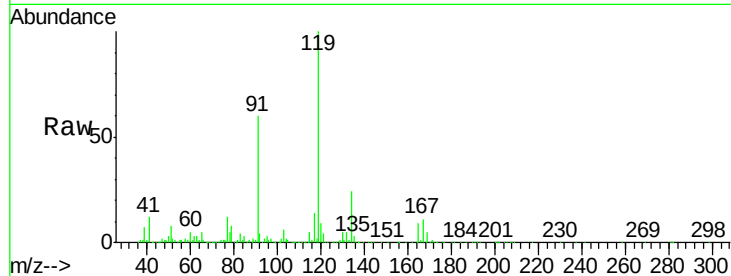
#79
tert-butylbenzene
Concen: 18.045 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	470727		
91	59.1	0.0	121.0	
134	23.0	0.0	45.0	

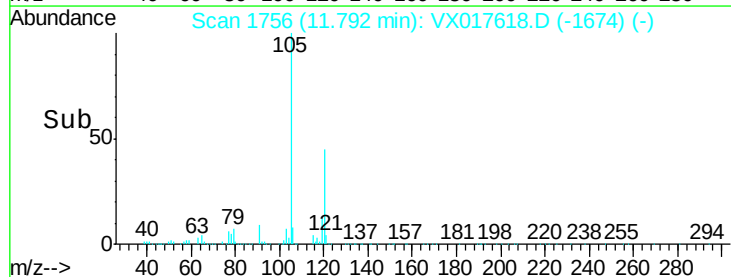
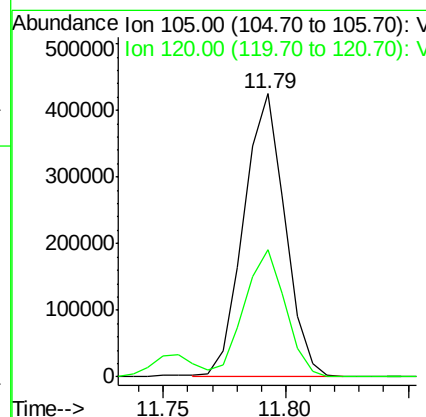
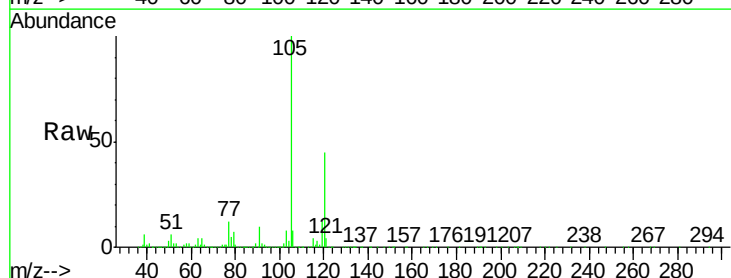
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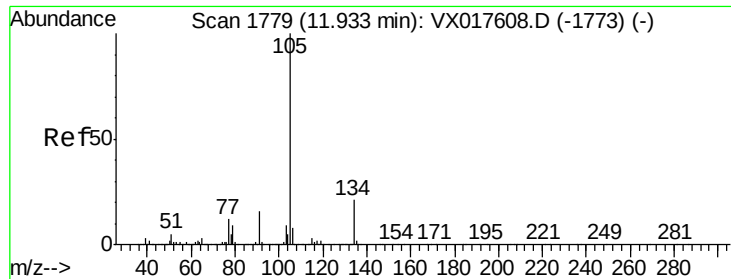
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#80
1,2,4-Trimethylbenzene
Concen: 18.077 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	496633		
120	45.0	0.0	90.0	





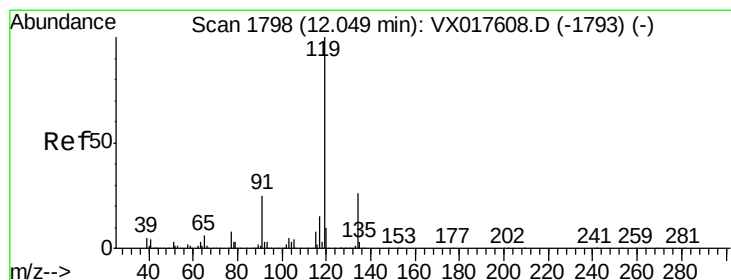
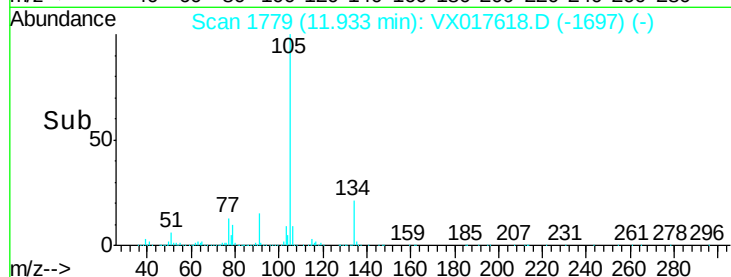
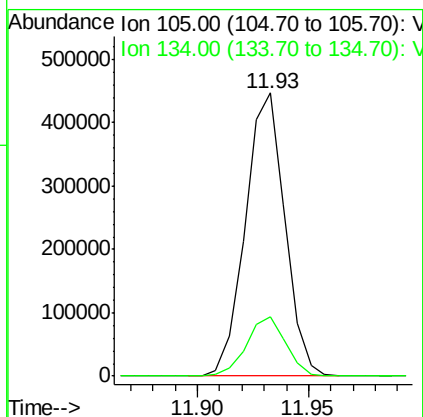
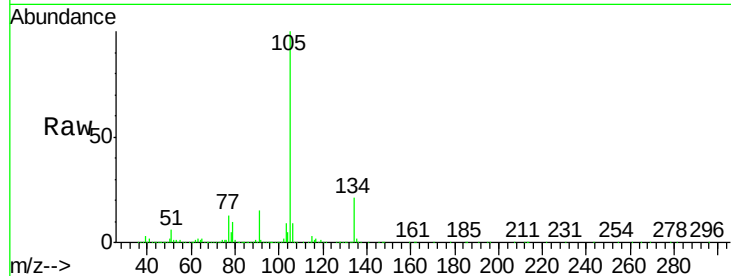
#81
 sec-Butylbenzene
 Concen: 17.761 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	552789		
134	20.8	0.0	41.8	

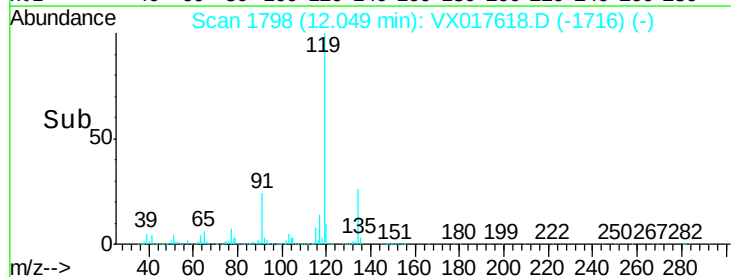
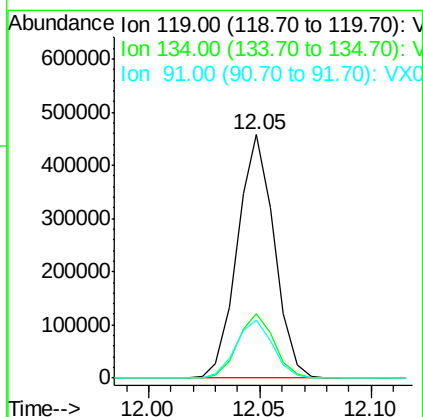
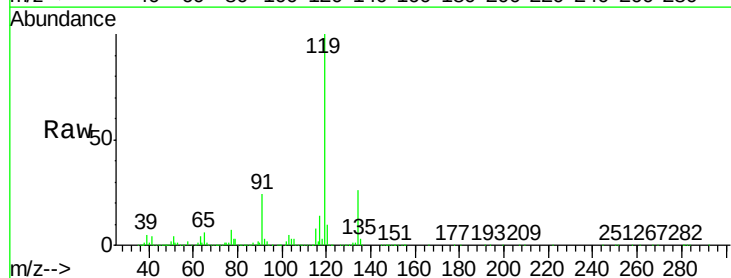
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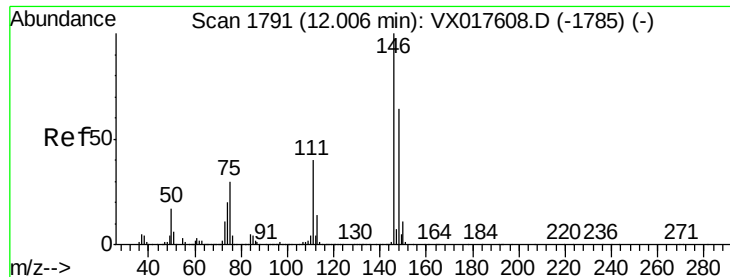
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#82
 p-Isopropyltoluene
 Concen: 18.249 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	527159		
134	26.0	0.0	52.6	
91	23.8	0.0	48.2	





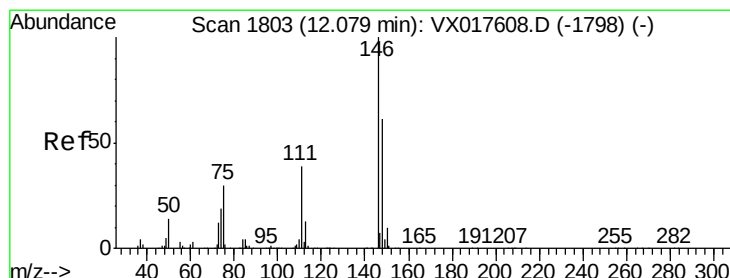
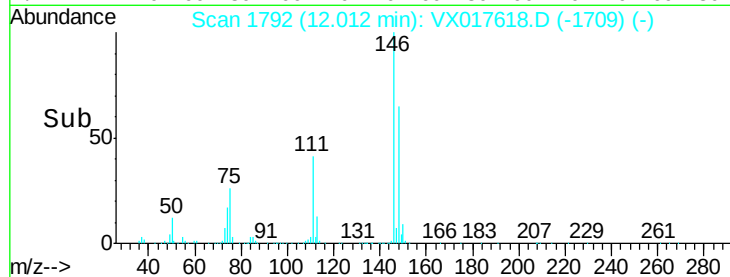
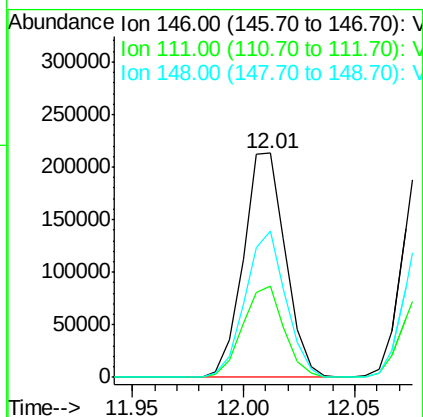
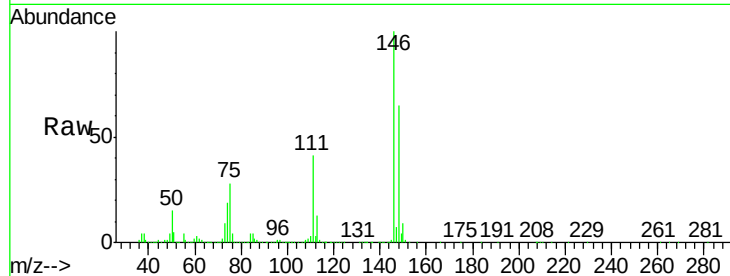
#83
 1,3-Dichlorobenzene
 Concen: 18.481 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.9	59.7
148	62.4	32.6	98.0

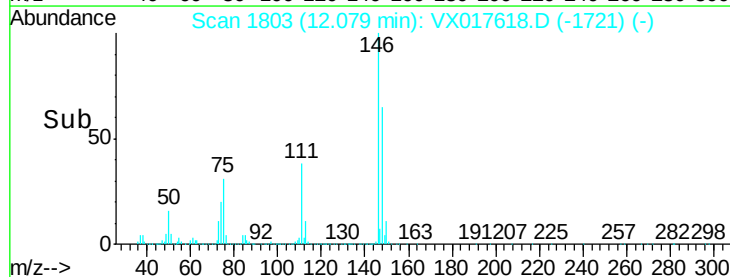
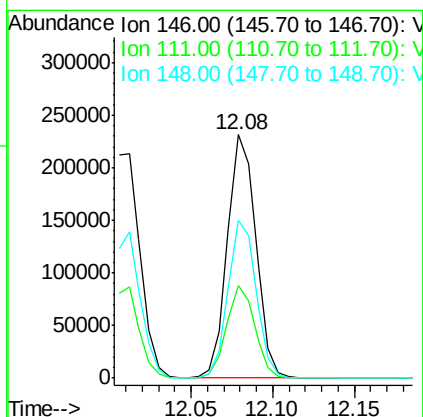
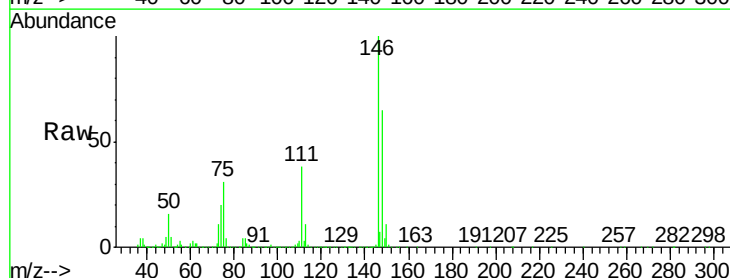
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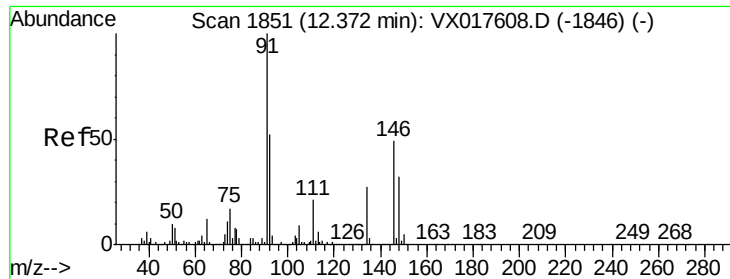
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#84
 1,4-Dichlorobenzene
 Concen: 18.634 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.7	56.1
148	63.8	31.6	94.8





#85

n-Butylbenzene

Concen: 16.692 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Instrument :

MSVOA_X

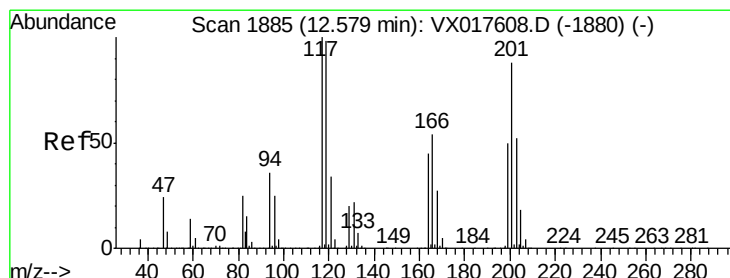
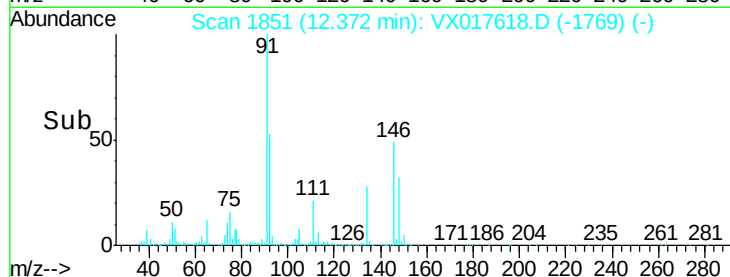
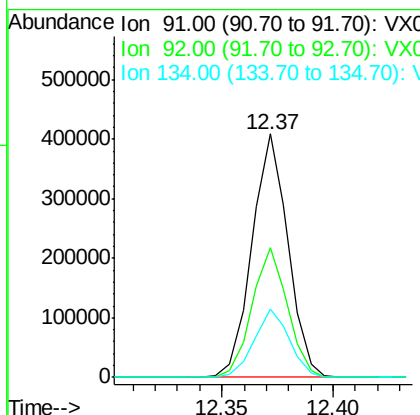
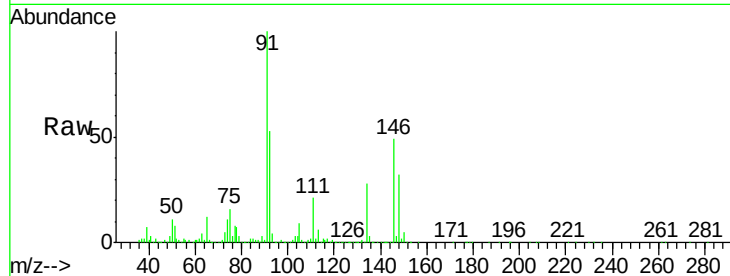
ClientSampleId :

VX0727WBS01

Tot Ion:	91	Resp:	460317
Ion	Ratio	Lower	Upper
91	100		
92	52.5	0.0	104.0
134	27.5	0.0	55.0

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#86

Hexachloroethane

Concen: 16.543 ug/l

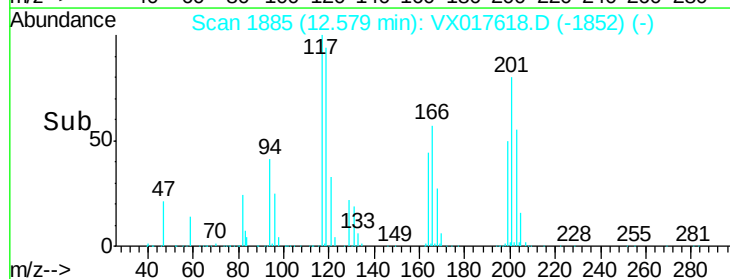
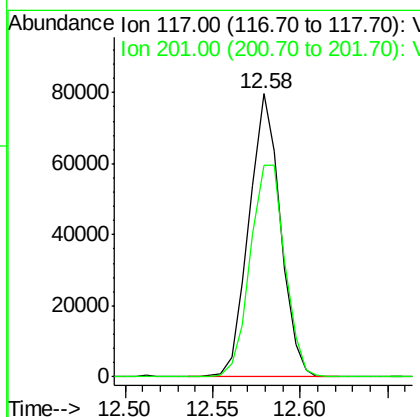
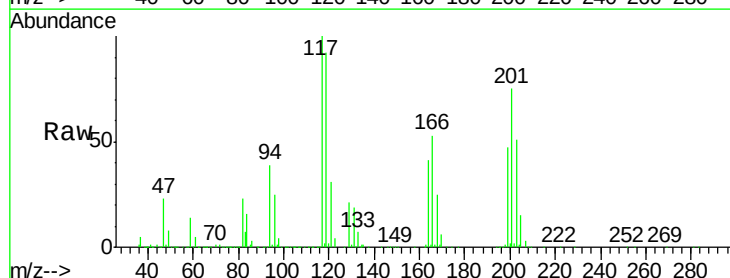
RT: 12.58 min Scan# 1885

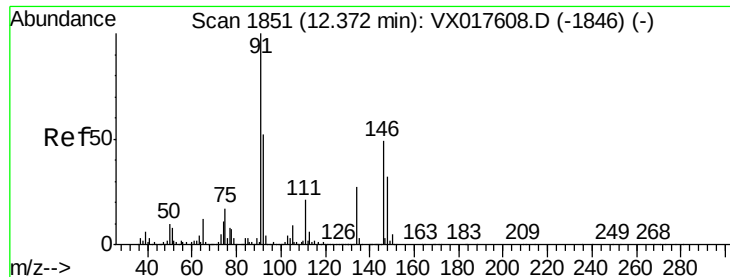
Delta R.T. -0.00 min

Lab File: VX017618.D

Acq: 27 Jul 2020 15:13

Tgt Ion:	117	Resp:	99482
Ion	Ratio	Lower	Upper
117	100		
201	82.4	43.1	129.3





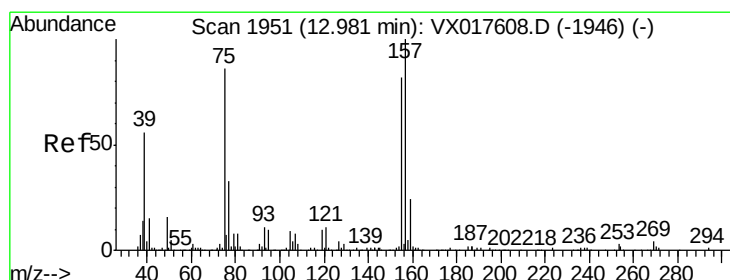
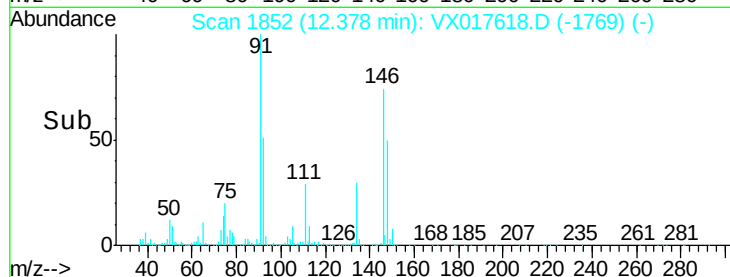
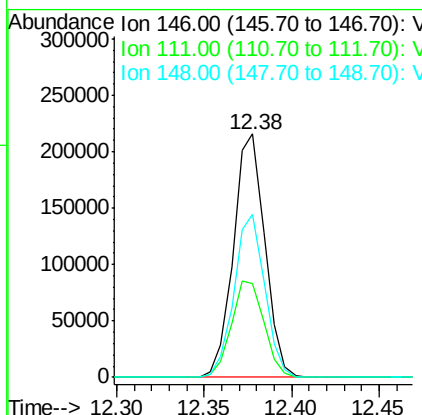
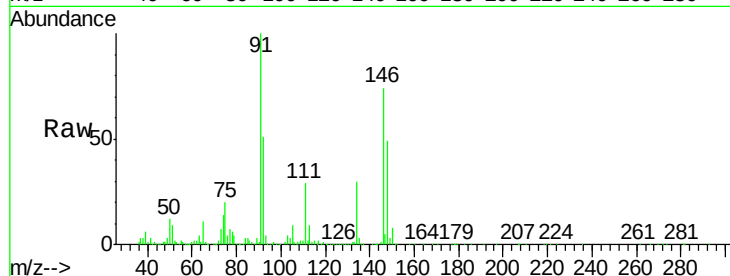
#87
 1,2-Dichlorobenzene
 Concen: 17.658 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	269560		
111	41.3	20.7	62.1	
148	65.3	32.3	96.9	

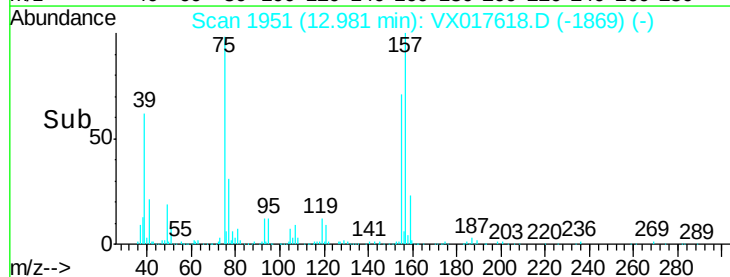
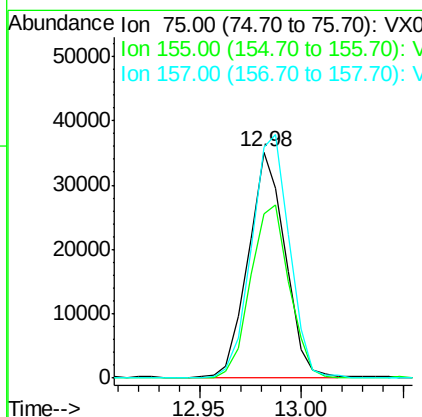
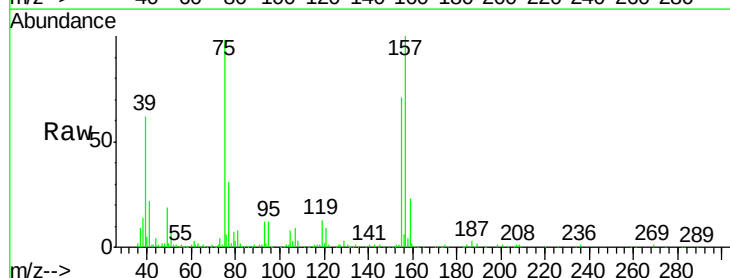
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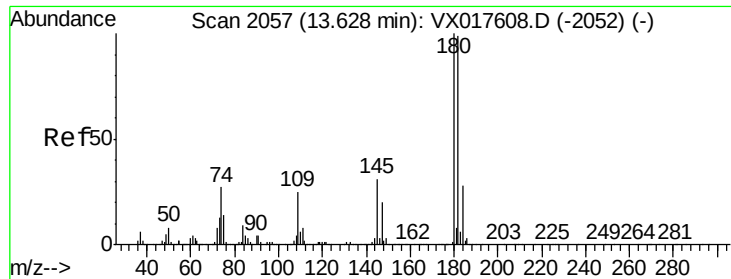
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.638 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44643		
155	80.0	69.5	104.3	
157	109.4	88.2	132.4	





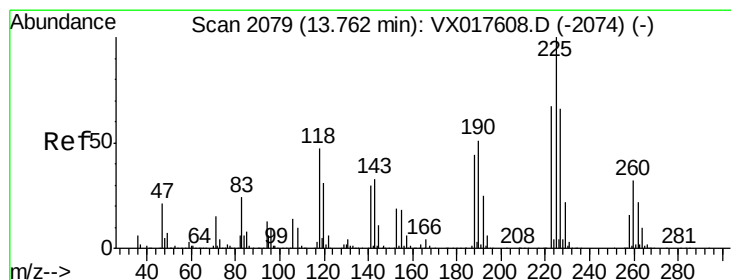
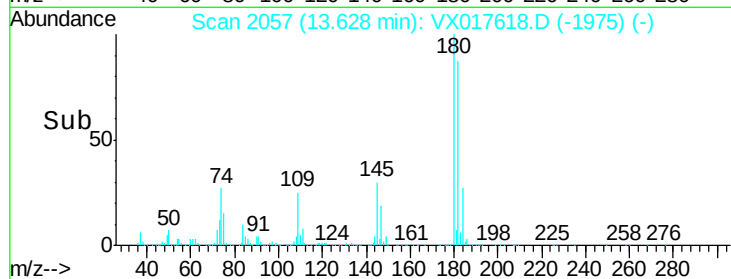
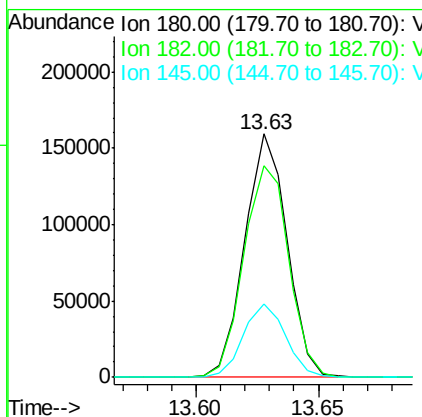
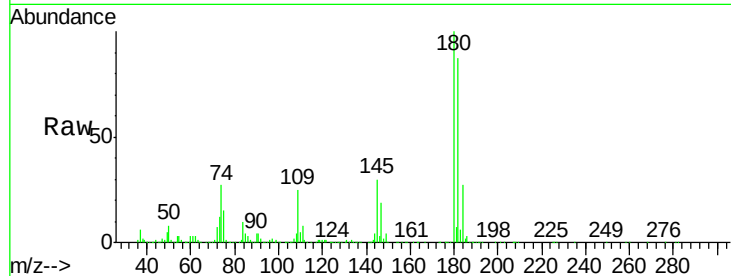
#89
 1,2,4-Trichlorobenzene
 Concen: 17.105 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	191597		
182	93.1	77.4	116.0	
145	30.4	24.9	37.3	

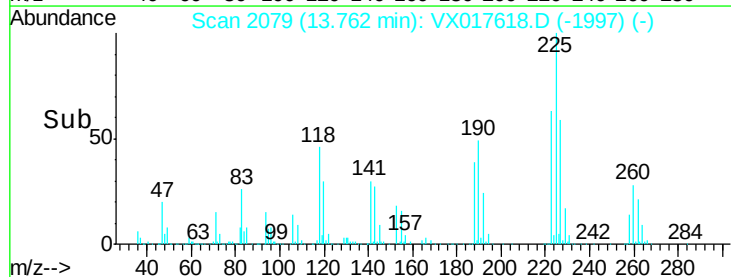
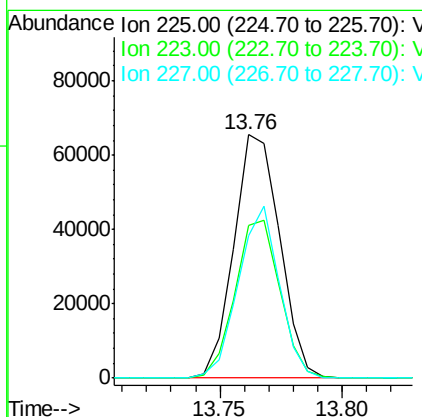
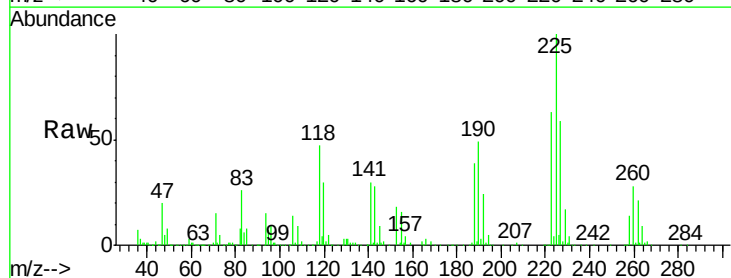
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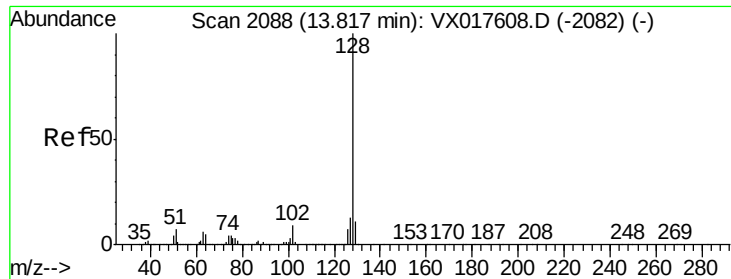
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#90
 Hexachlorobutadiene
 Concen: 16.751 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX017618.D
 Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85002		
223	63.9	0.0	130.8	
227	63.8	0.0	127.2	





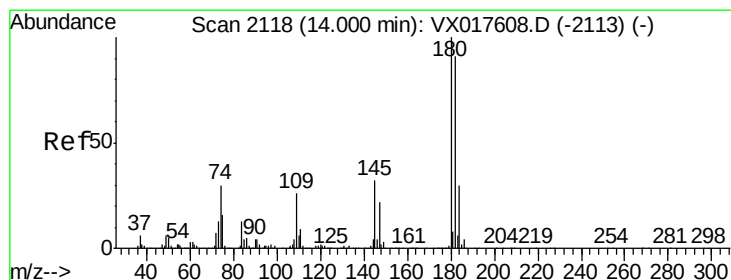
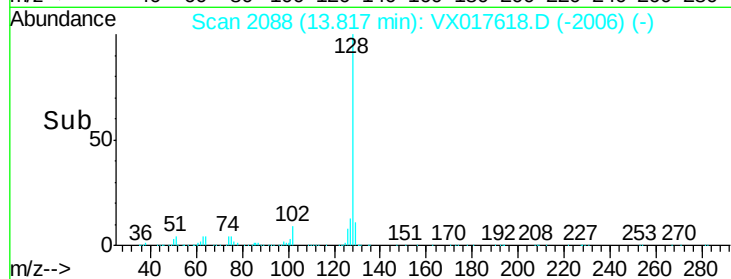
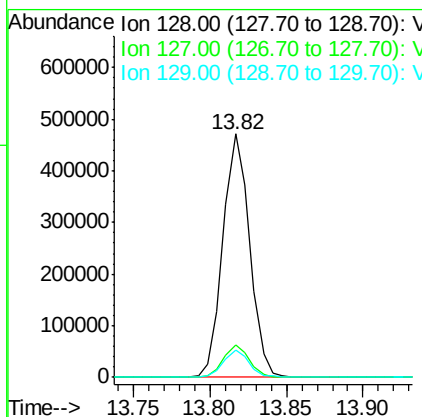
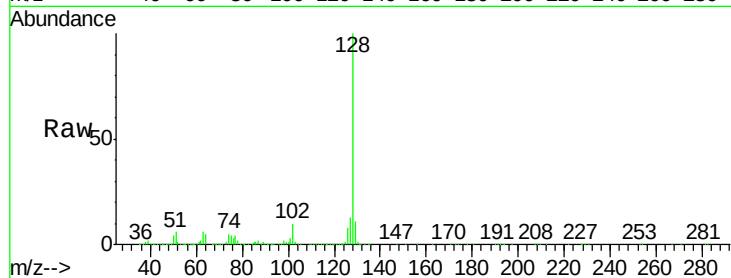
#91
Naphthalene
Concen: 17.306 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 17.268 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017618.D
Acq: 27 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.0	0.0	190.2
145	32.9	0.0	63.8

