

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082820\
 Data File : VX018109.D
 Acq On : 28 Aug 2020 10:54
 Operator : JC/SP
 Sample : VX0828WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VX0828WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:58:22 AM

Quant Time: Aug 29 03:28:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	749623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1219672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1129579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	533964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	524246	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.46	113	412405	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	8.70	98	1516585	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.12	95	594660	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	179809	19.701	ug/l	99
3) Chloromethane	1.32	50	191575	19.910	ug/l	98
4) Vinyl Chloride	1.39	62	185795	19.397	ug/l	99
5) Bromomethane	1.63	94	119170	25.794	ug/l	99
6) Chloroethane	1.72	64	106166	20.636	ug/l	98
7) Trichlorofluoromethane	1.92	101	267320	20.467	ug/l	97
8) Diethyl Ether	2.17	74	90356	20.399	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	142895	20.237	ug/l	95
10) Methyl Iodide	2.49	142	156122	23.767	ug/l	99
11) Tert butyl alcohol	3.02	59	192654	95.211	ug/l	98
12) 1,1-Dichloroethene	2.36	96	137060	18.710	ug/l	98
13) Acrolein	2.28	56	71600	85.339	ug/l	99
14) Allyl chloride	2.71	41	291749	22.167	ug/l	98
15) Acrylonitrile	3.12	53	464192	101.133	ug/l	100
16) Acetone	2.42	43	378267	93.282	ug/l	95
17) Carbon Disulfide	2.55	76	433886	19.592	ug/l	99
18) Methyl Acetate	2.75	43	210198	21.481	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	519302	20.670	ug/l	97
20) Methylene Chloride	2.84	84	179205	20.935	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	164492	20.267	ug/l	97
22) Diisopropyl ether	3.83	45	565773	21.780	ug/l	97
23) Vinyl Acetate	3.79	43	2511609	108.660	ug/l	100
24) 1,1-Dichloroethane	3.67	63	307738	20.811	ug/l	100
25) 2-Butanone	4.64	43	665738	99.895	ug/l	97
26) 2,2-Dichloropropane	4.55	77	280556	23.319	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	188943	20.205	ug/l	98
28) Bromochloromethane	4.98	49	153468	21.501	ug/l	98
29) Tetrahydrofuran	5.09	42	426801	100.603	ug/l	99
30) Chloroform	5.18	83	309085	20.187	ug/l	98
31) Cyclohexane	5.55	56	266331	21.382	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	282021	20.071	ug/l	98
36) 1,1-Dichloropropene	5.77	75	233140	20.724	ug/l	100
37) Ethyl Acetate	4.80	43	259279	19.844	ug/l	99
38) Carbon Tetrachloride	5.75	117	257472	20.309	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	247657	20.133	ug/l	98
40) Benzene	6.12	78	674169	20.395	ug/l	99
41) Methacrylonitrile	5.01	41	142444	19.855	ug/l	99
42) 1,2-Dichloroethane	6.16	62	257350	20.320	ug/l	100
43) Isopropyl Acetate	6.42	43	418002	19.807	ug/l	99
44) Trichloroethene	7.19	130	186136	19.929	ug/l	95
45) 1,2-Dichloropropane	7.49	63	182548	20.490	ug/l	94
46) Dibromomethane	7.64	93	121024	19.317	ug/l	98
47) Bromodichloromethane	7.87	83	248359	19.854	ug/l	99
48) Methyl methacrylate	7.74	41	207774	19.778	ug/l	98
49) 1,4-Dioxane	7.71	88	73291	385.137	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1313769	100.781	ug/l	99
52) Toluene	8.76	92	416970	19.893	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	281984	20.339	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	299652	20.403	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	176841	19.782	ug/l	97
56) Ethyl methacrylate	9.16	69	263977	19.863	ug/l	99
57) 1,3-Dichloropropane	9.35	76	293067	19.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	567854	94.987	ug/l	98
59) 2-Hexanone	9.47	43	1027246	103.634	ug/l	98
60) Dibromochloromethane	9.56	129	204682	19.518	ug/l	100
61) 1,2-Dibromoethane	9.65	107	185994	19.164	ug/l	99
64) Tetrachloroethene	9.32	164	174764	21.054	ug/l	96
65) Chlorobenzene	10.12	112	459403	20.363	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	178876	20.117	ug/l	98
67) Ethyl Benzene	10.24	91	803709	20.949	ug/l	99
68) m/p-Xylenes	10.34	106	605704	42.298	ug/l	98
69) o-Xylene	10.68	106	290111	20.899	ug/l	98
70) Styrene	10.70	104	488673	20.671	ug/l	98
71) Bromoform	10.84	173	144845	19.098	ug/l #	100
73) Isopropylbenzene	11.00	105	776253	22.040	ug/l	100
74) N-amyl acetate	10.88	43	369042	22.084	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	255245	20.543	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	251880m	21.205	ug/l	
77) Bromobenzene	11.24	156	198605	20.400	ug/l	96
78) n-propylbenzene	11.34	91	884457	22.116	ug/l	98
79) 2-Chlorotoluene	11.40	91	537564	21.757	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	646961	22.353	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	97816	22.241	ug/l	97
82) 4-Chlorotoluene	11.49	91	641218	21.830	ug/l	100
83) tert-Butylbenzene	11.76	119	601593	21.062	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	659754	22.296	ug/l	98
85) sec-Butylbenzene	11.93	105	714726	22.004	ug/l	98
86) p-Isopropyltoluene	12.05	119	657357	22.032	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	351121	20.541	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	341941	19.979	ug/l	99
89) n-Butylbenzene	12.37	91	576510	21.170	ug/l	99
90) Hexachloroethane	12.58	117	125810	21.432	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	334850	20.811	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60258	19.396	ug/l	95

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Instrument :
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ClientSampleId :
VX0828WBS01

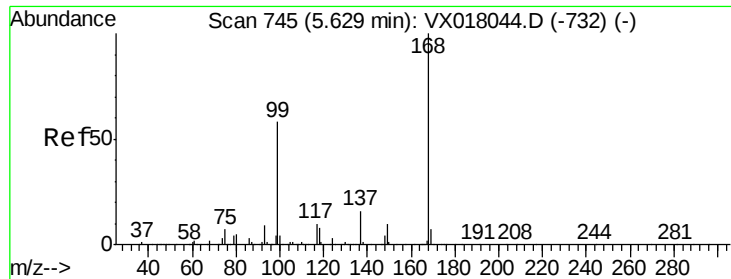
Manual Integrations
APPROVED

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8/31/2020 8:58:22 AM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	214512	19.993	ug/l	96
94) Hexachlorobutadiene	13.77	225	85985	20.318	ug/l	97
95) Naphthalene	13.82	128	725465	20.545	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	202472	19.098	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion:168 Resp: 749623

Ion Ratio Lower Upper

168 100

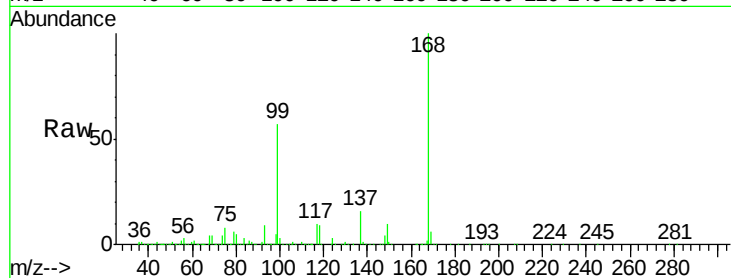
99 57.2 46.3 69.5

Manual Integrations

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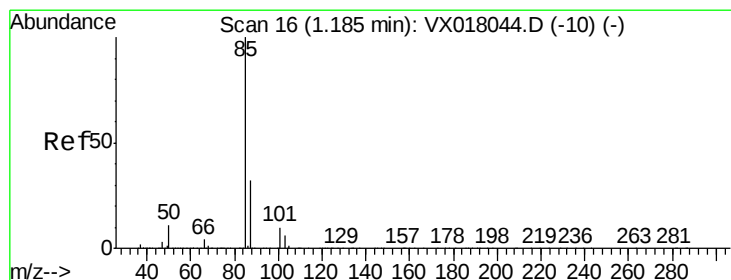
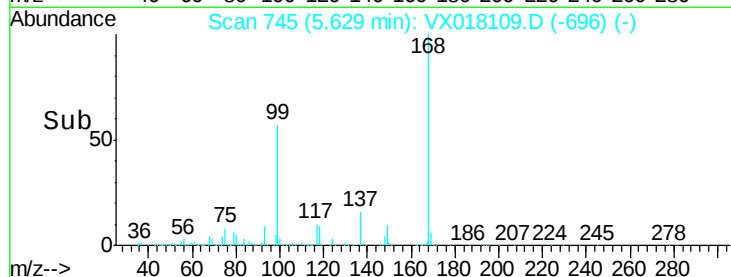
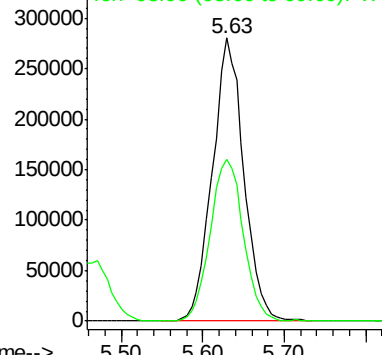
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.701 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018109.D

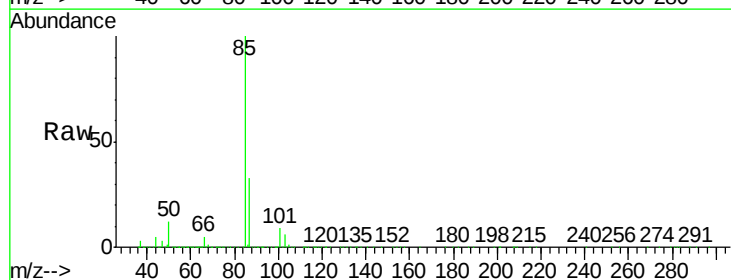
Acq: 28 Aug 2020 10:54

Tgt Ion: 85 Resp: 179809

Ion Ratio Lower Upper

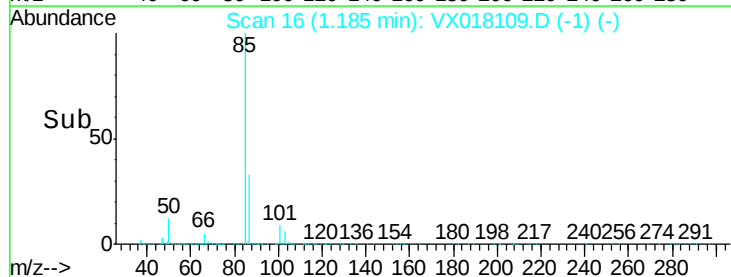
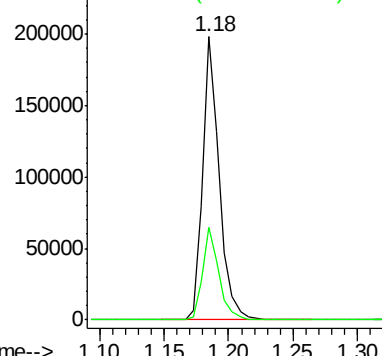
85 100

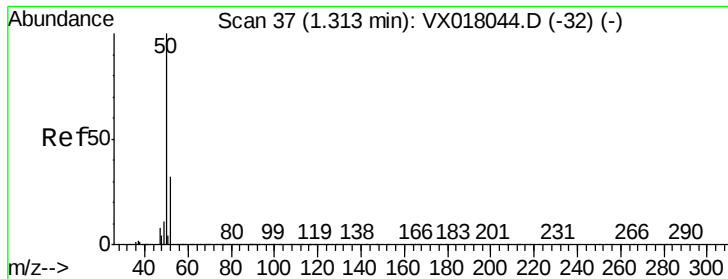
87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.910 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 50 Resp: 191575

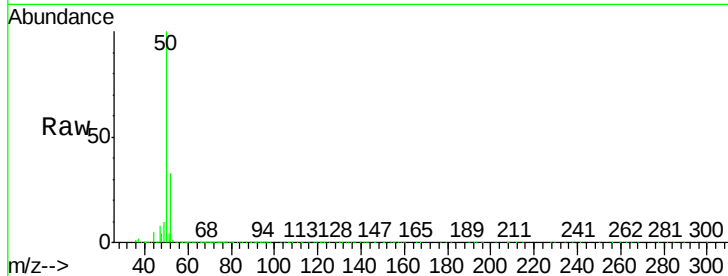
Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2

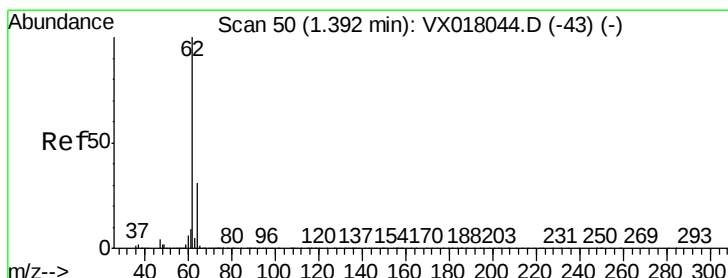
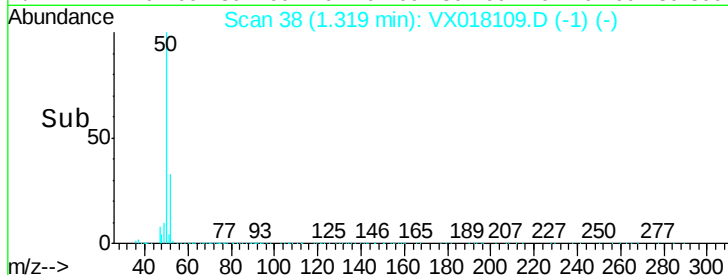
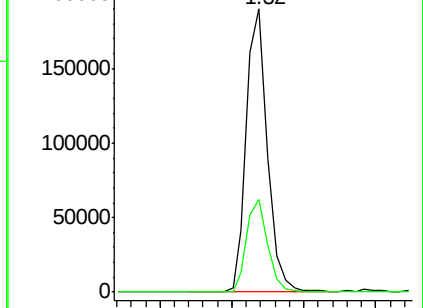
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.397 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018109.D

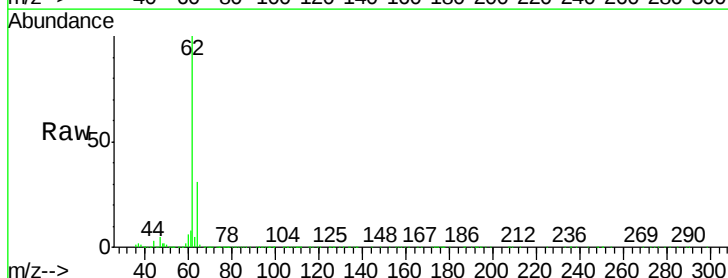
Acq: 28 Aug 2020 10:54

Tgt Ion: 62 Resp: 185795

Ion Ratio Lower Upper

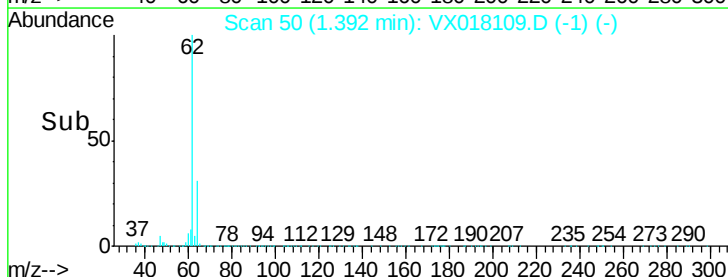
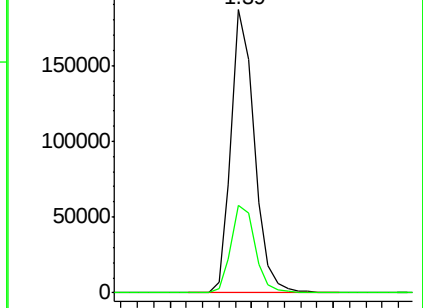
62 100

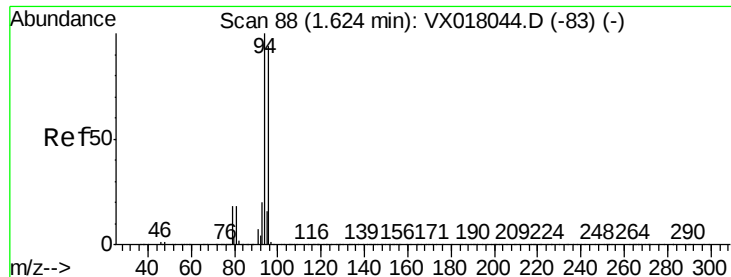
64 30.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.794 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 94 Resp: 119170

Ion Ratio Lower Upper

94 100

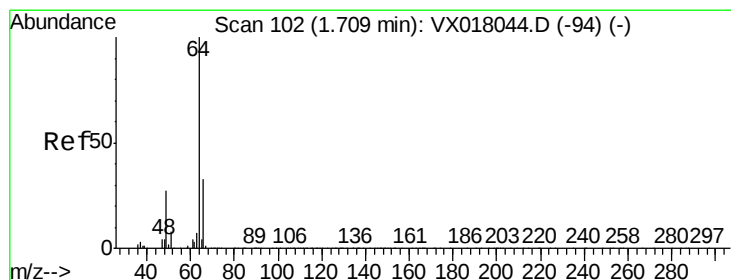
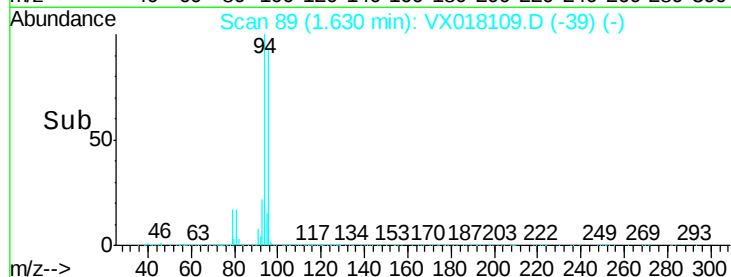
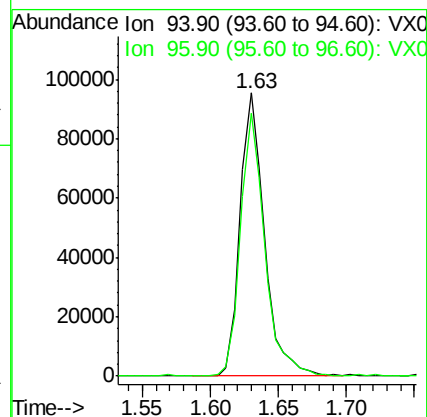
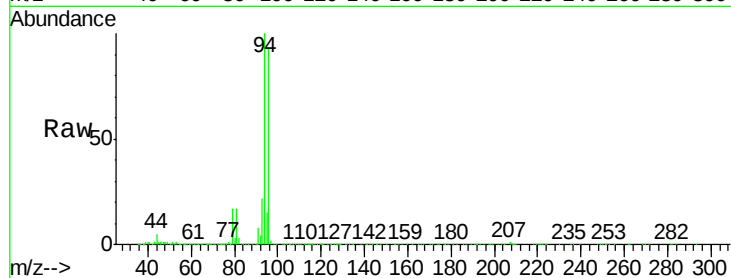
96 92.8 74.8 112.2

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#6

Chloroethane

Concen: 20.636 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018109.D

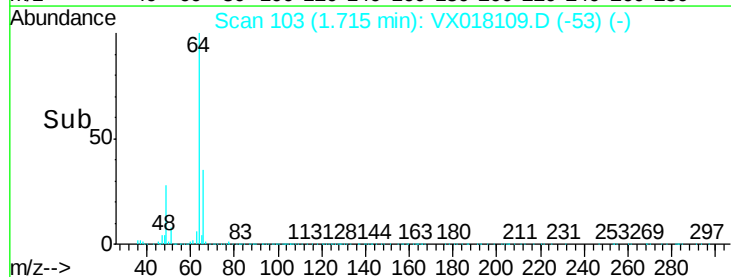
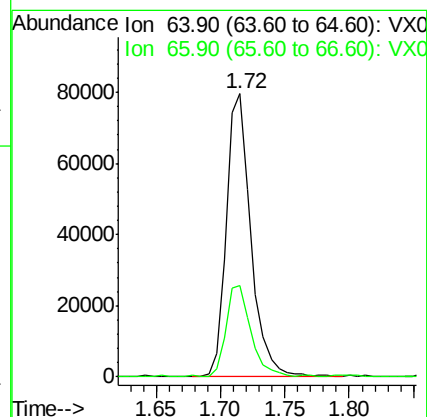
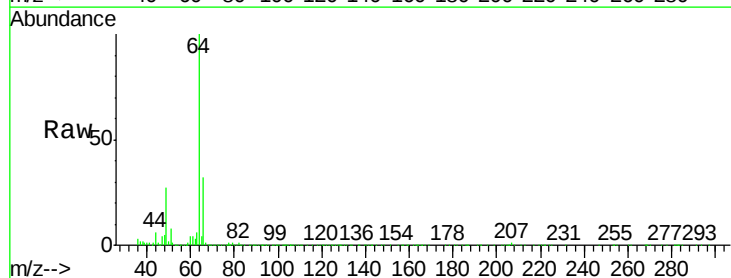
Acq: 28 Aug 2020 10:54

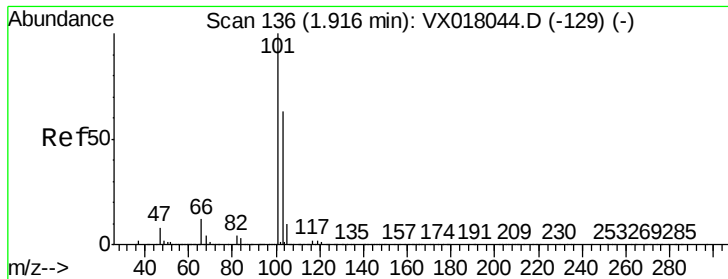
Tgt Ion: 64 Resp: 106166

Ion Ratio Lower Upper

64 100

66 32.0 26.6 39.8





#7

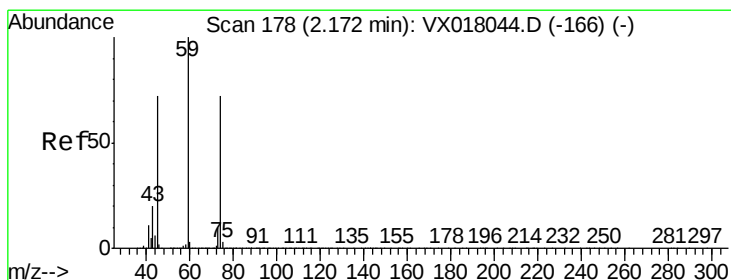
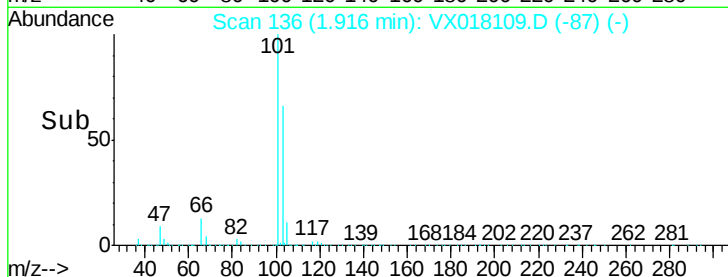
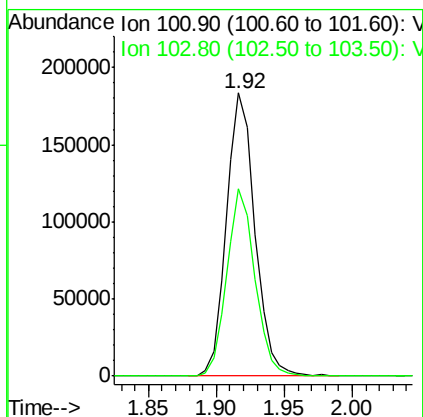
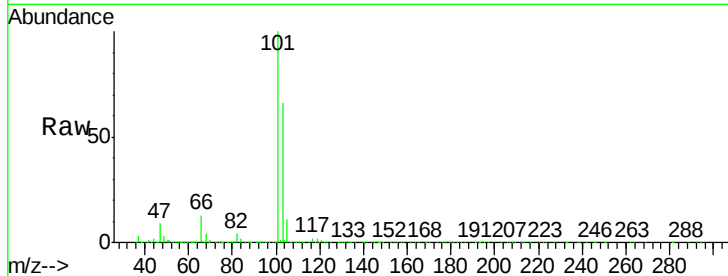
Trichlorofluoromethane
Concen: 20.467 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.7	76.1

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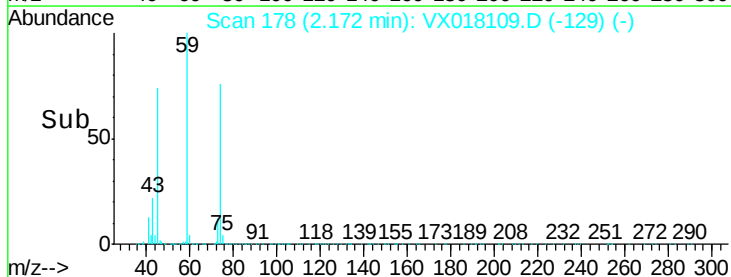
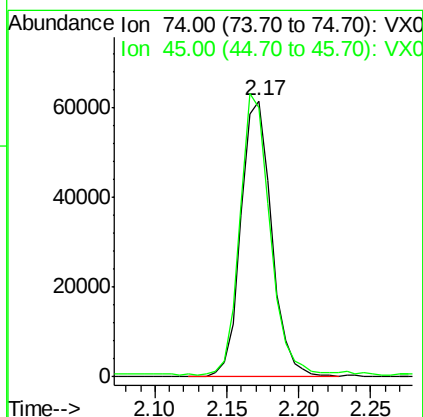
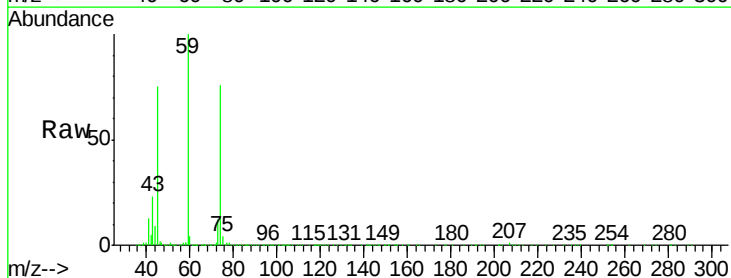
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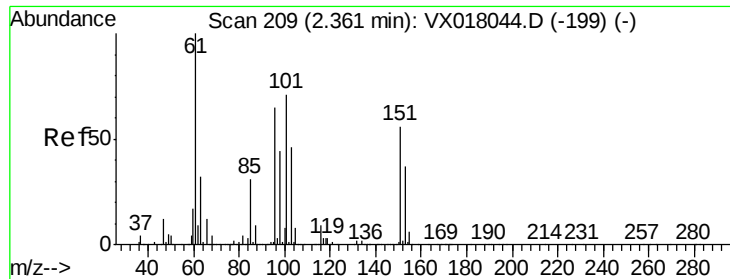


#8

Diethyl Ether
Concen: 20.399 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018109.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	50.7	152.3





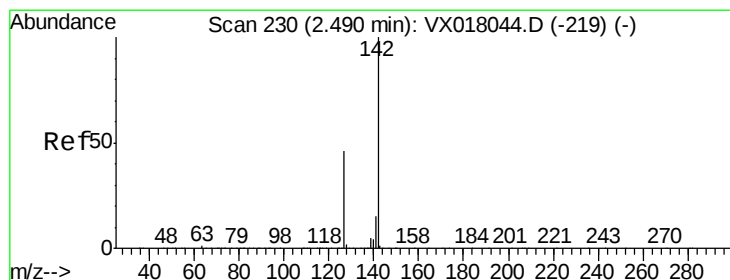
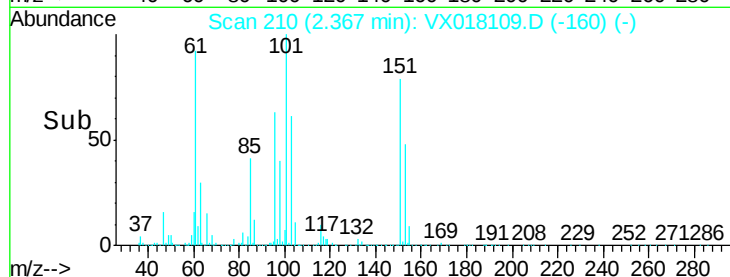
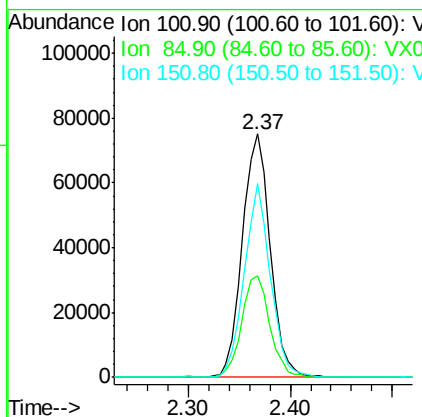
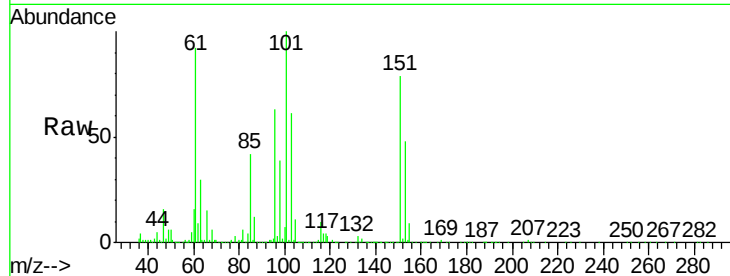
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.237 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	142895		
85	41.6	34.0	51.0	
151	74.8	65.2	97.8	

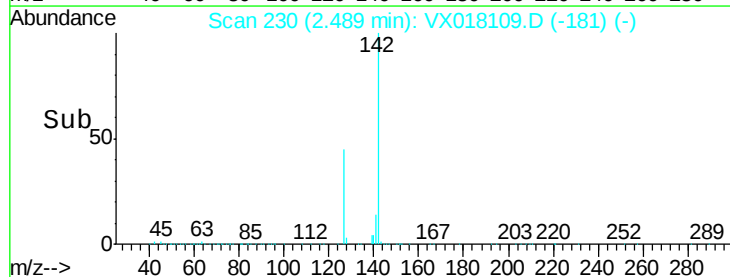
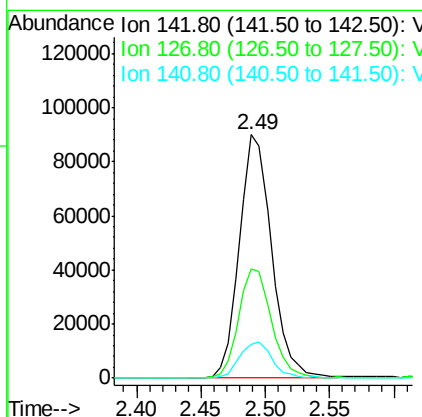
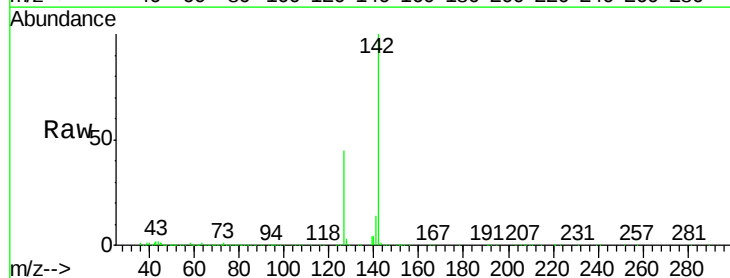
Manual Integrations
APPROVED

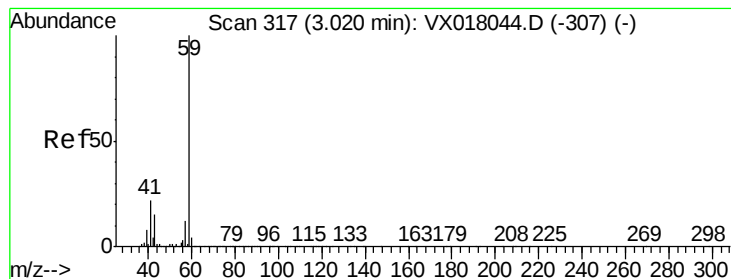
MMDadoda
8/31/2020 8:58:22 AM



#10
Methyl Iodide
Concen: 23.767 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	156122		
127	45.7	37.0	55.6	
141	15.1	11.5	17.3	





#11

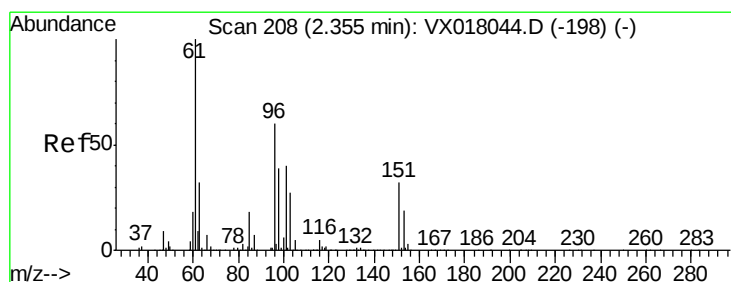
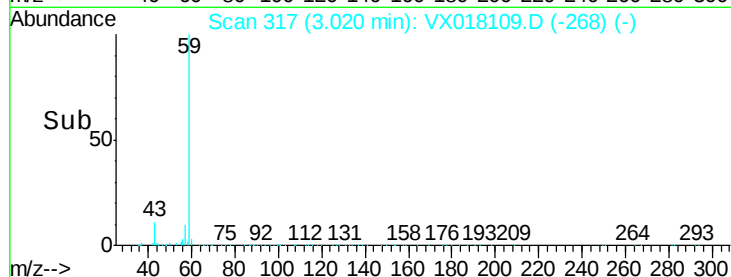
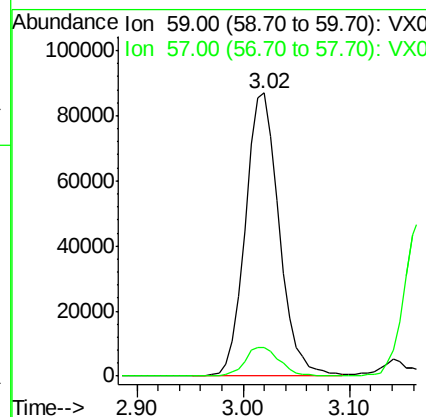
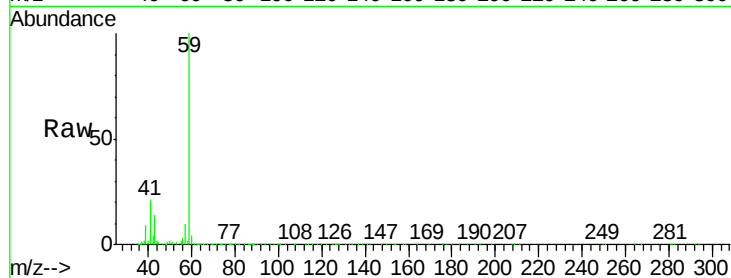
Tert butyl alcohol
Concen: 95.211 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.9	13.3

Manual Integrations
APPROVED

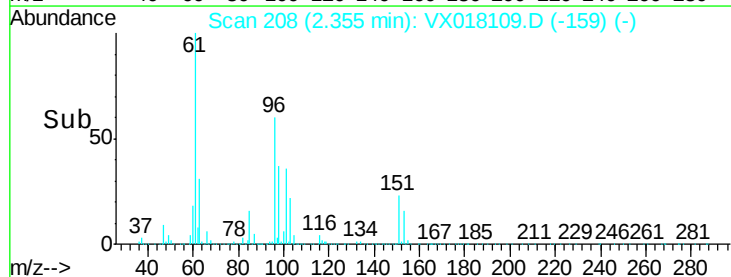
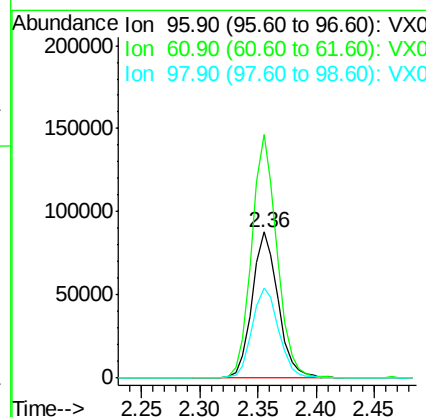
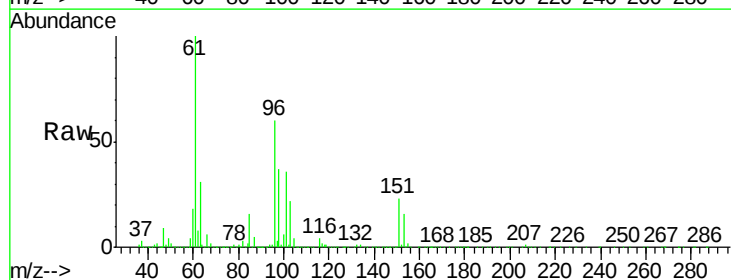
MMDadoda
8/31/2020 8:58:22 AM

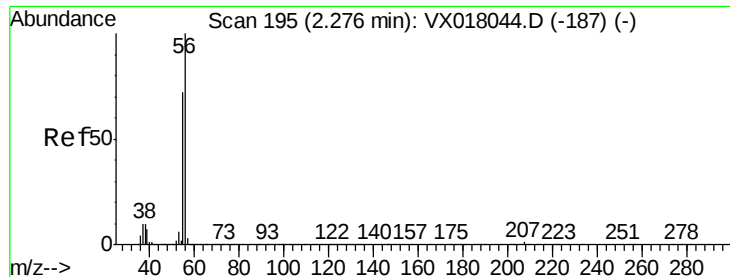


#12

1,1-Dichloroethene
Concen: 18.710 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.0	133.0	199.4
98	61.2	51.6	77.4





#13

Acrolein

Concen: 85.339 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 56 Resp: 71600

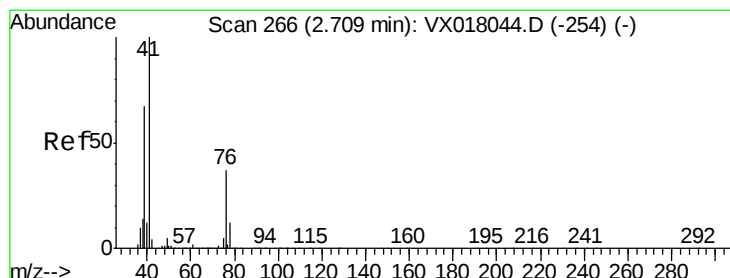
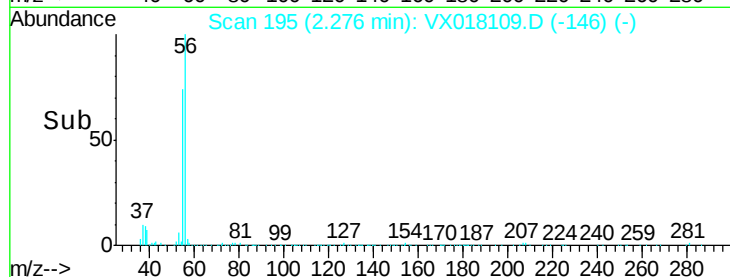
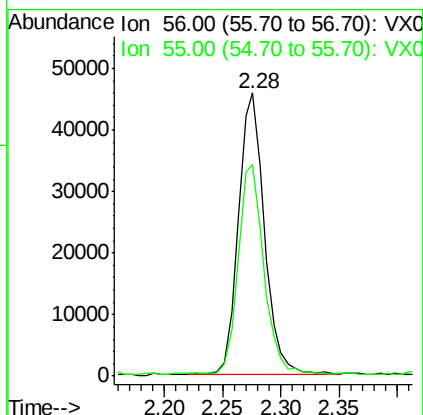
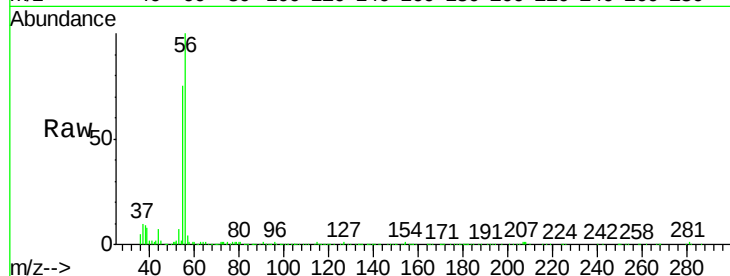
Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.6

Manual Integrations
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MMDadoda
8/31/2020 8:58:22 AM



#14

Allyl chloride

Concen: 22.167 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

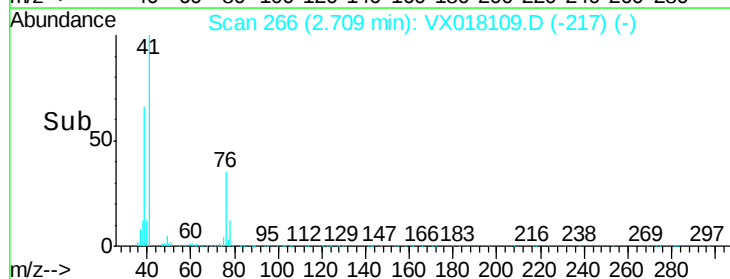
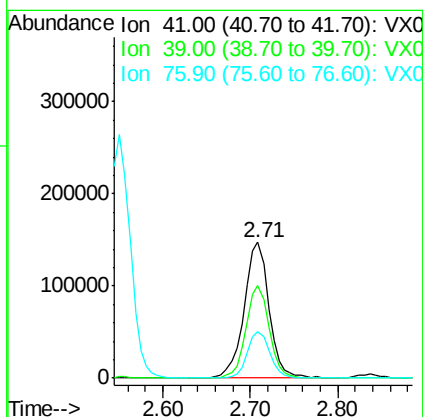
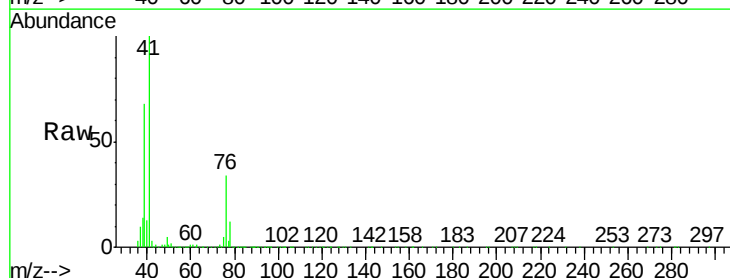
Tgt Ion: 41 Resp: 291749

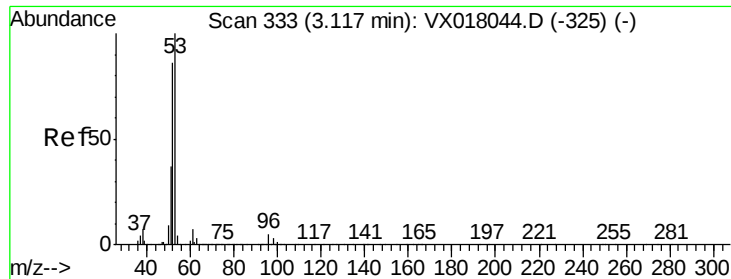
Ion Ratio Lower Upper

41 100

39 62.4 50.6 76.0

76 30.5 26.2 39.2





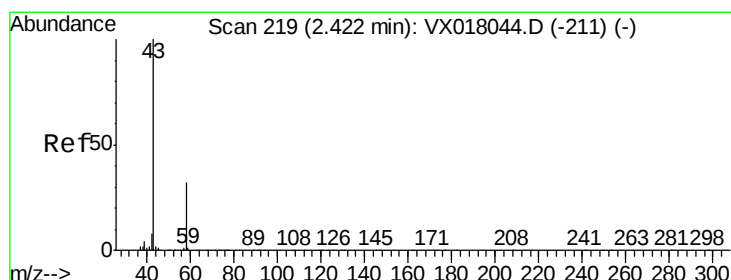
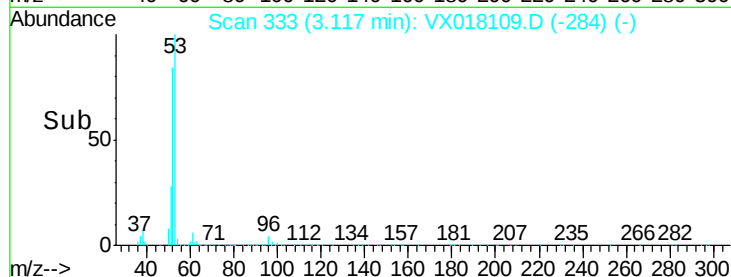
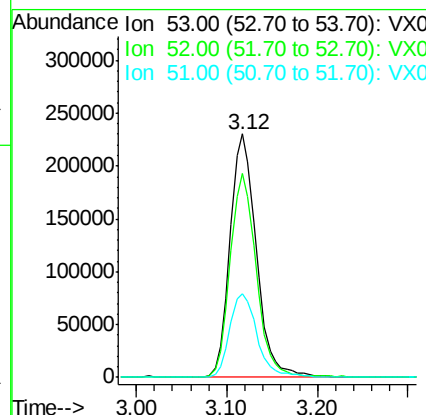
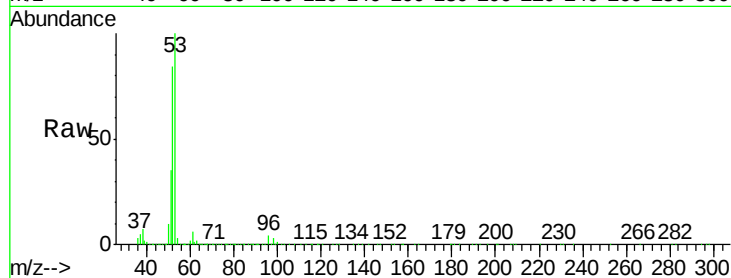
#15
 Acrylonitrile
 Concen: 101.133 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

Tot Ion:	53	Resp:	464192
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.9	100.3
51	35.9	28.7	43.1

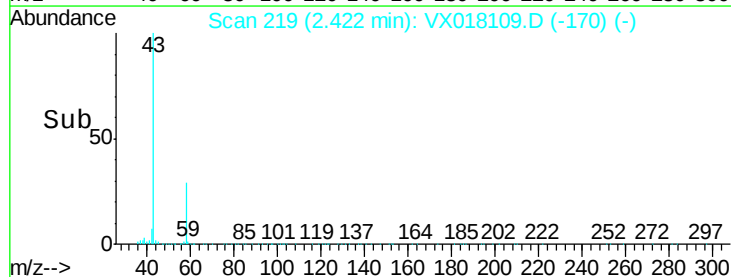
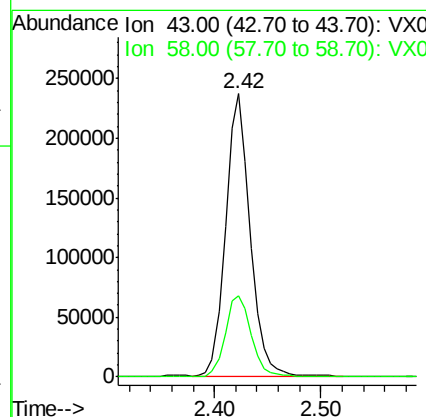
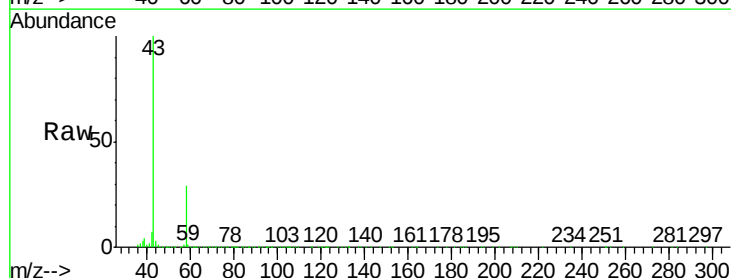
Manual Integrations
 APPROVED

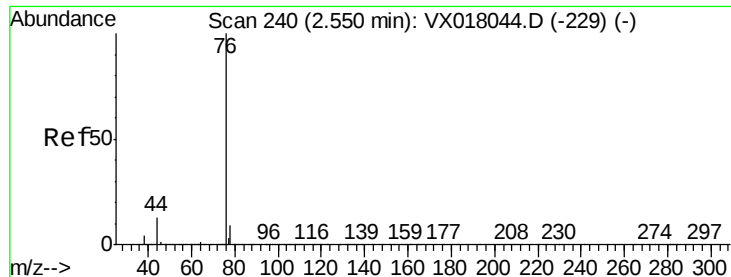
MMDadoda
 8/31/2020 8:58:22 AM



#16
 Acetone
 Concen: 93.282 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Tgt Ion:	43	Resp:	378267
Ion Ratio	Lower	Upper	
43	100		
58	28.8	25.5	38.3





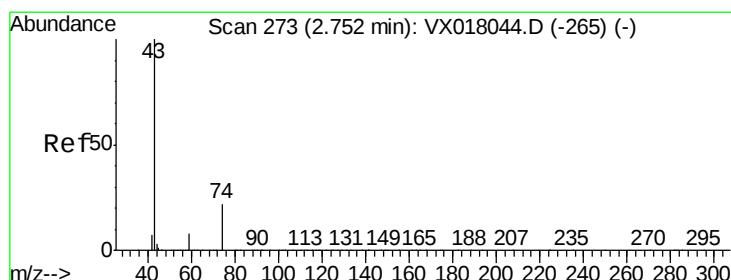
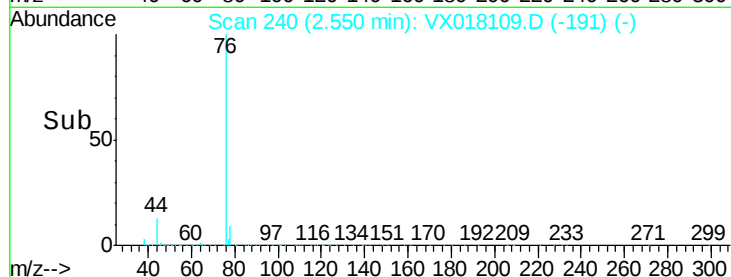
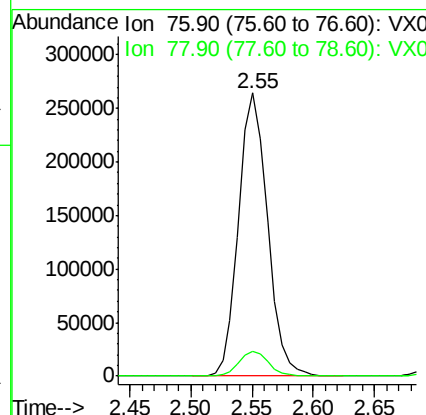
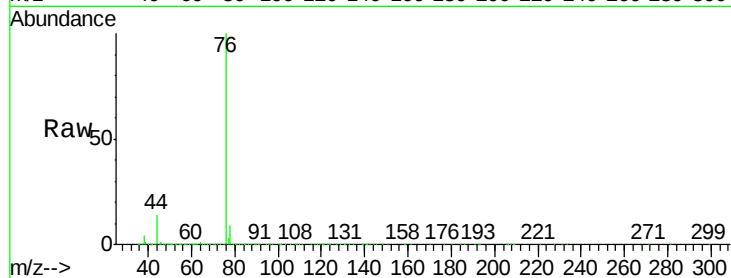
#17
Carbon Disulfide
Concen: 19.592 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

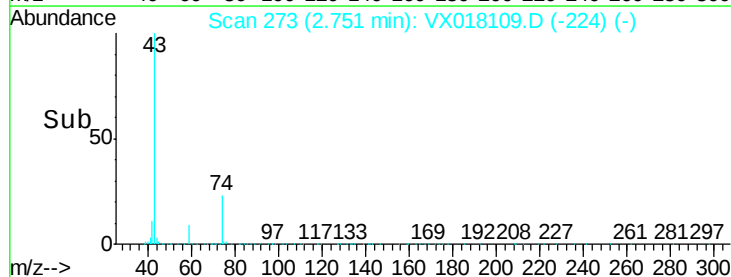
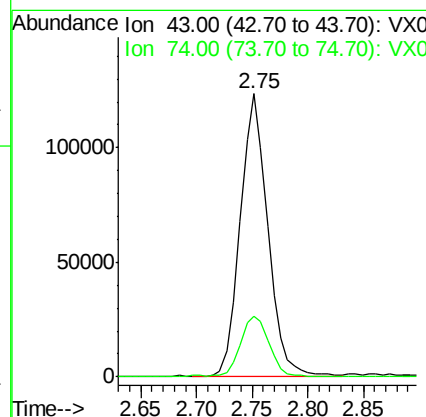
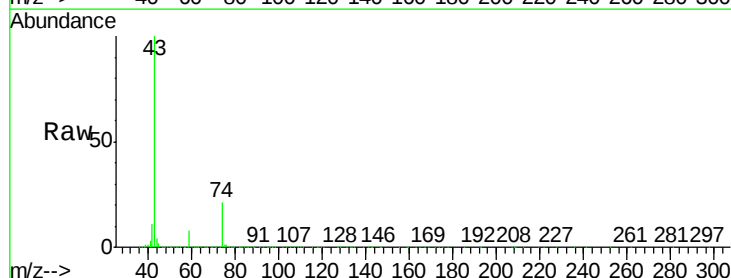
Manual Integrations
APPROVED

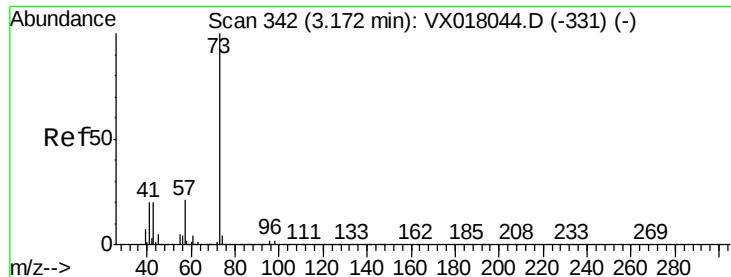
MMDadoda
8/31/2020 8:58:22 AM



#18
Methyl Acetate
Concen: 21.481 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	18.2	27.4





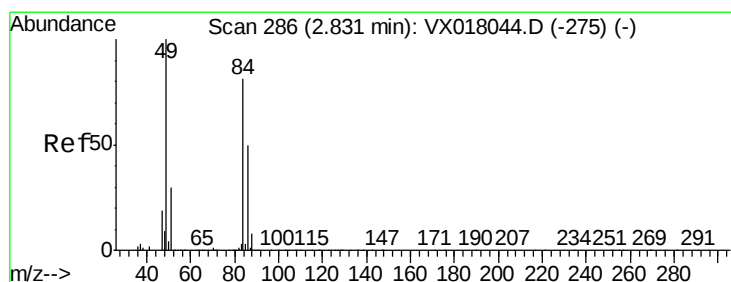
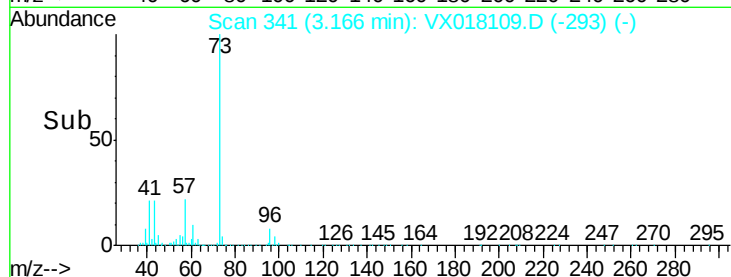
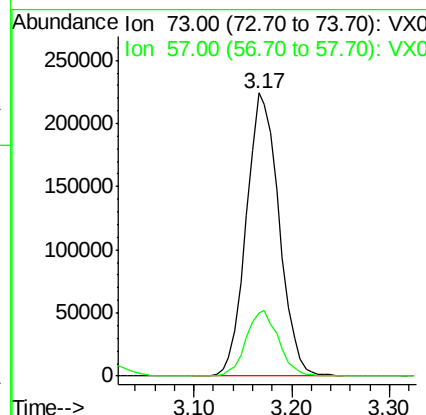
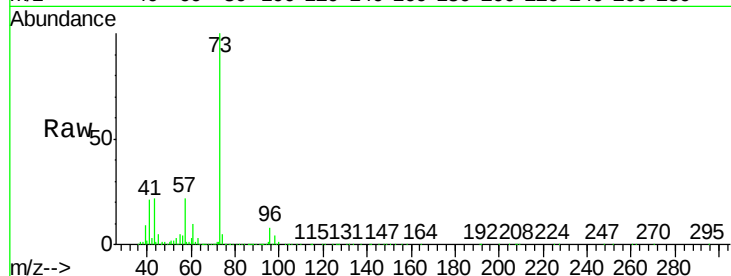
#19
Methvl tert-butvl Ether
Concen: 20.670 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2

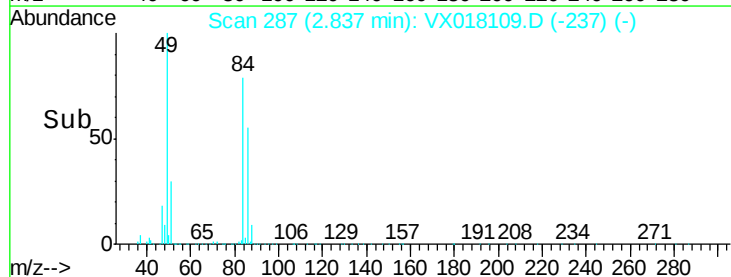
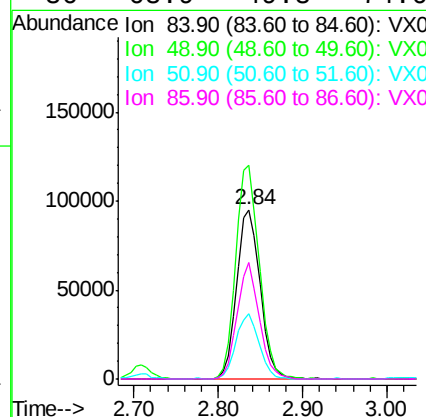
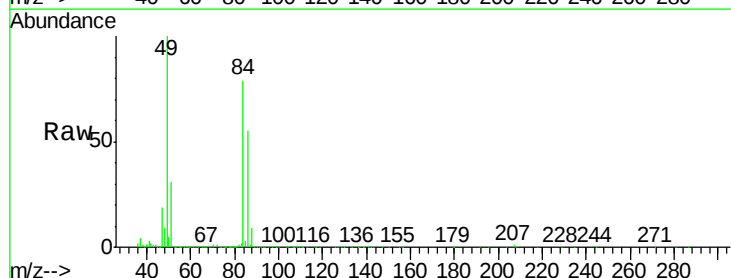
Manual Integrations
APPROVED

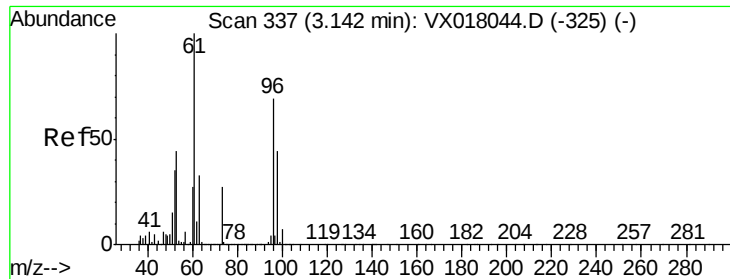
MMDadoda
8/31/2020 8:58:22 AM



#20
Methylene Chloride
Concen: 20.935 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.7	98.6	148.0
51	38.3	29.6	44.4
86	68.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 20.267 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

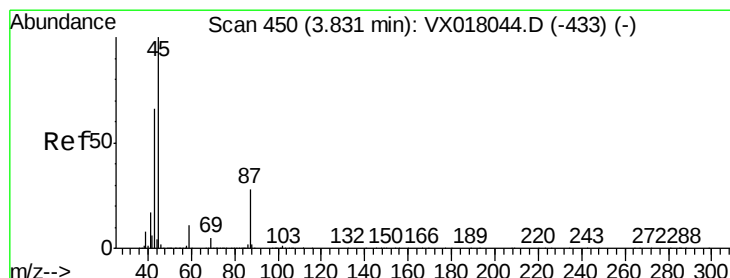
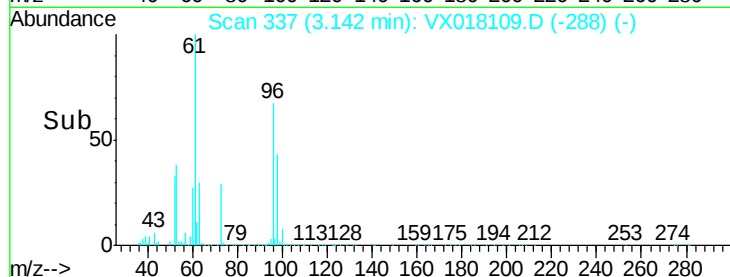
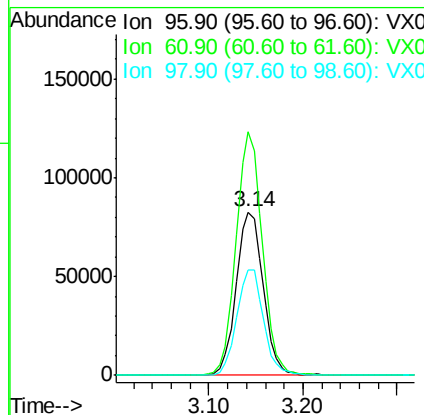
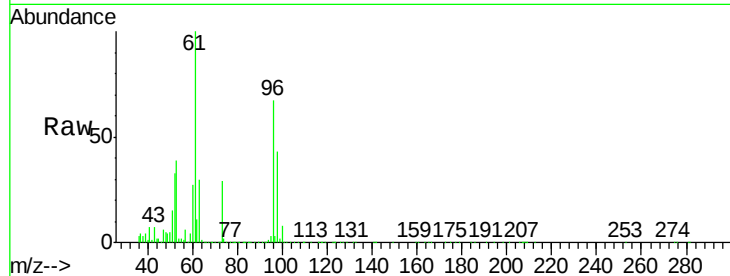
ClientSampleId :

VX0828WBS01

Tot Ion:	96	Resp:	164492
Ion	Ratio	Lower	Upper
96	100		
61	149.2	115.4	173.0
98	64.8	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.780 ug/l

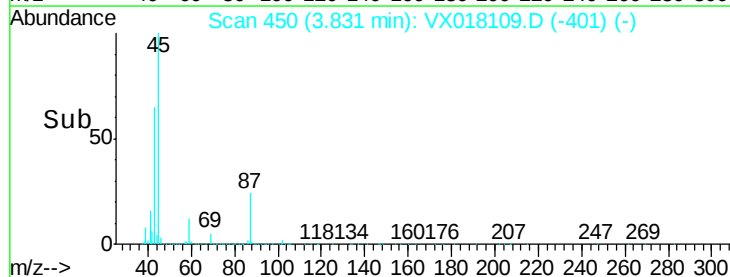
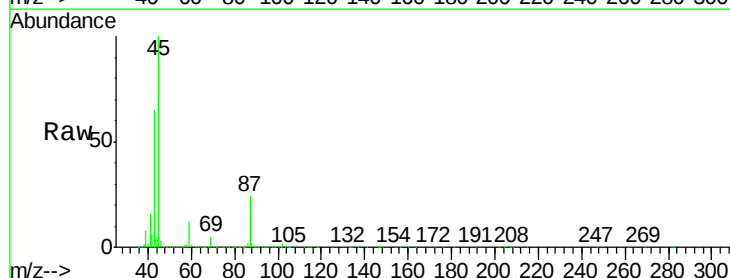
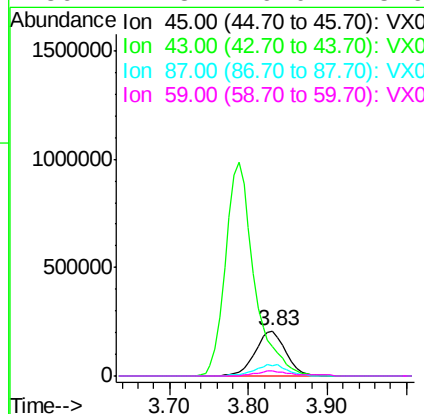
RT: 3.83 min Scan# 450

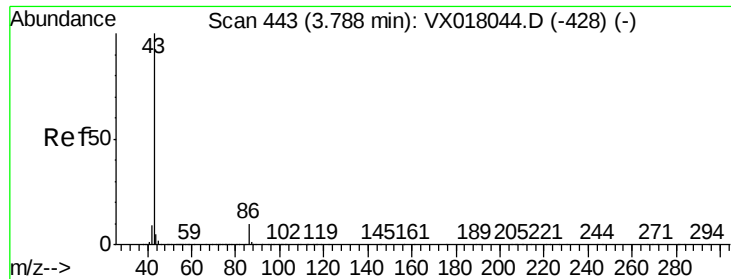
Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion:	45	Resp:	565773
Ion	Ratio	Lower	Upper
45	100		
43	64.7	52.8	79.2
87	23.7	22.5	33.7
59	11.8	9.0	13.6





#23

Vinyl Acetate

Concen: 108.660 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 43 Resp: 2511609

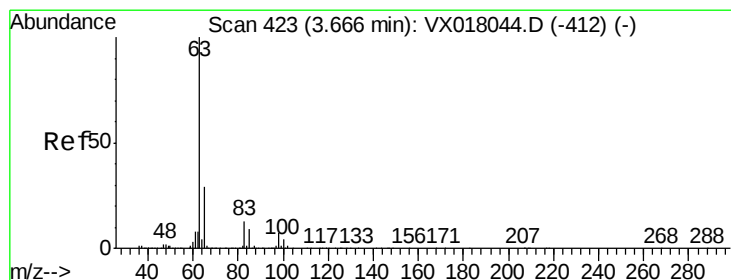
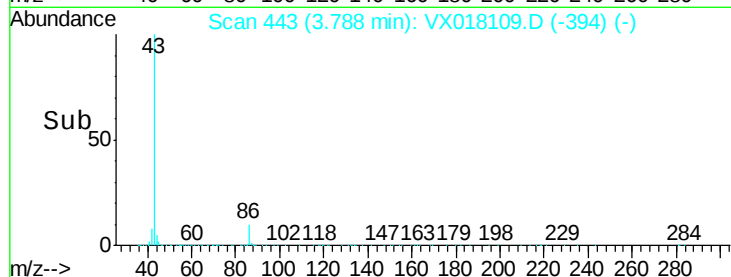
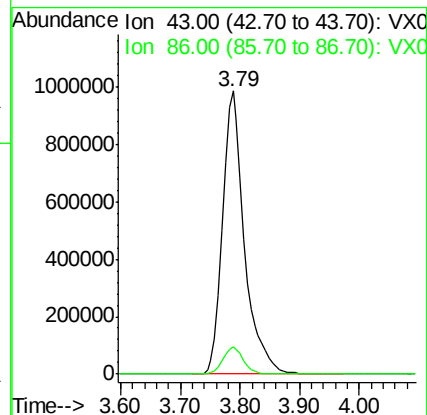
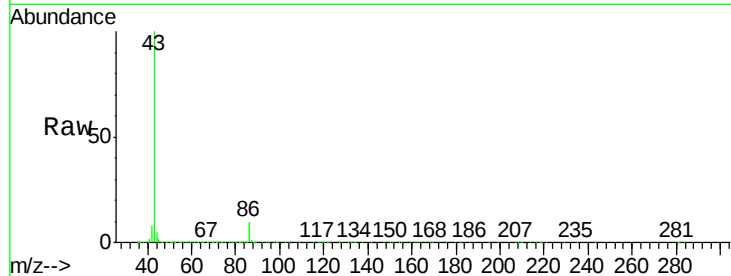
Ion Ratio Lower Upper

43 100

86 9.8 7.9 11.9

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 20.811 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

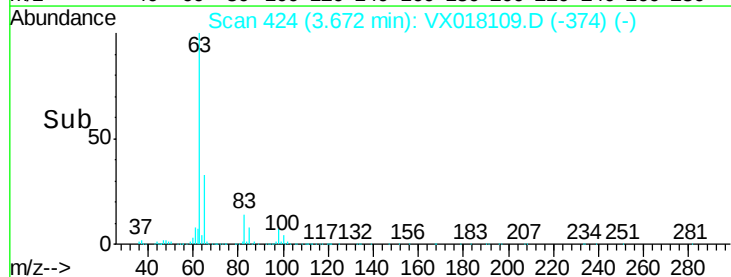
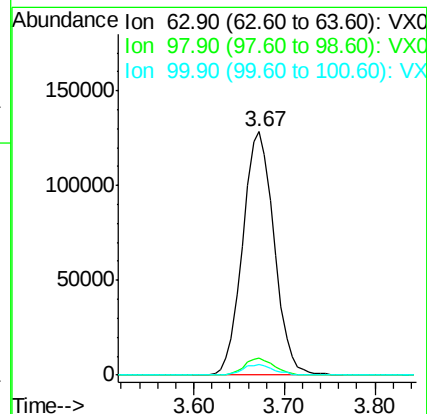
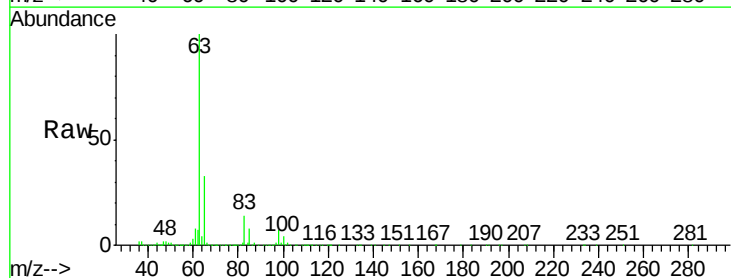
Tgt Ion: 63 Resp: 307738

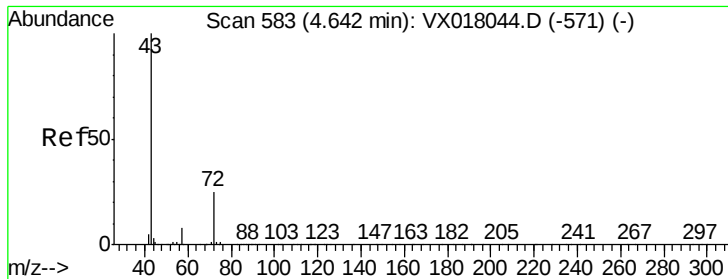
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.2 2.0 6.0





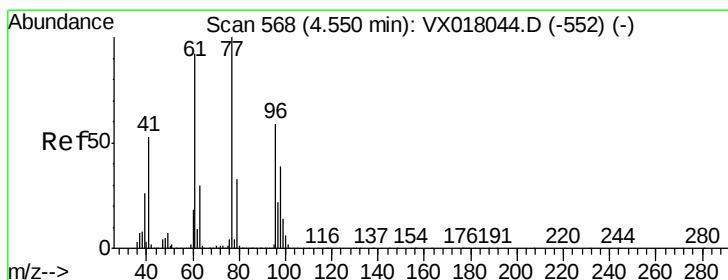
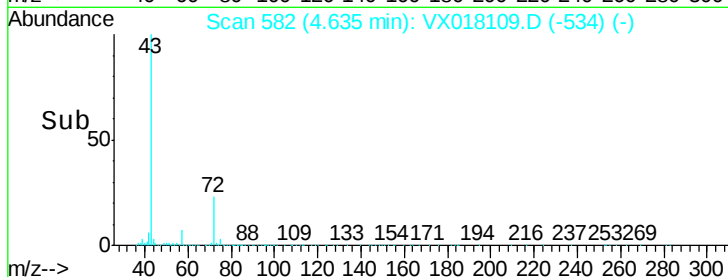
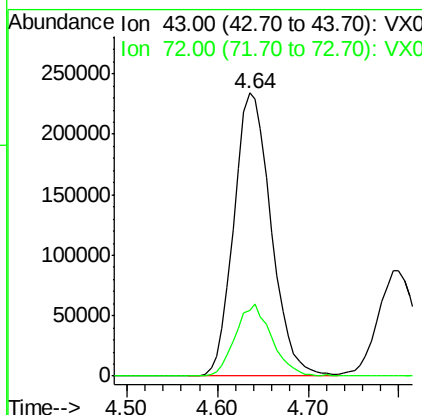
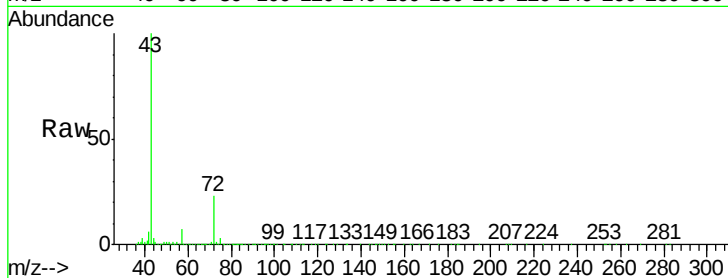
#25
2-Butanone
Concen: 99.895 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion: 43 Resp: 665738
Ion Ratio Lower Upper
43 100
72 23.3 19.8 29.6

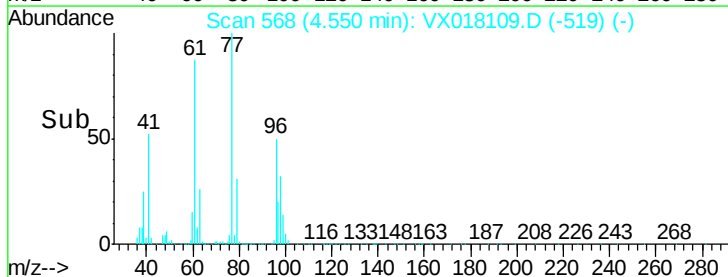
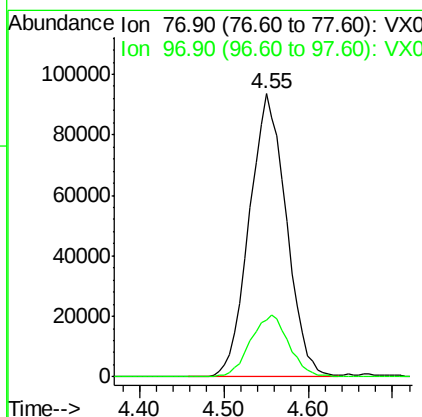
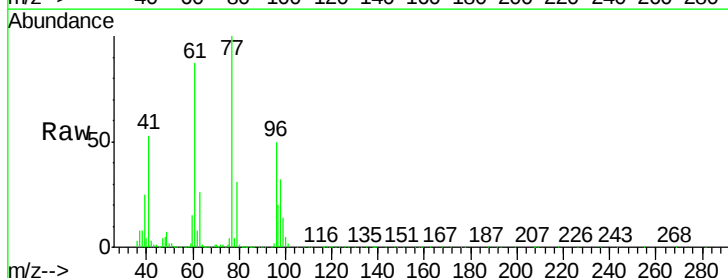
Manual Integrations
APPROVED

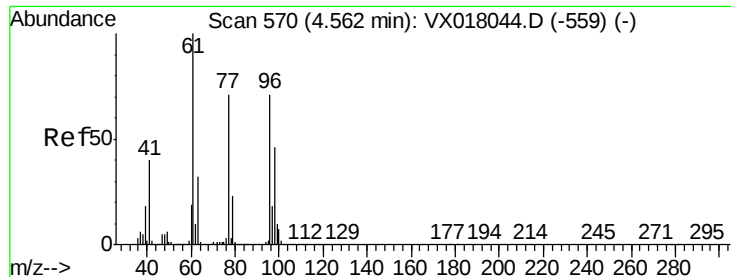
MMDadoda
8/31/2020 8:58:22 AM



#26
2,2-Dichloropropane
Concen: 23.319 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 77 Resp: 280556
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5





#27

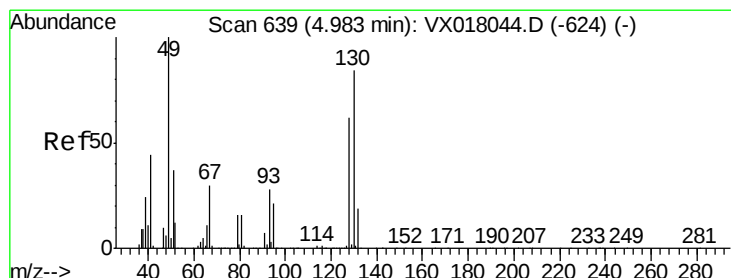
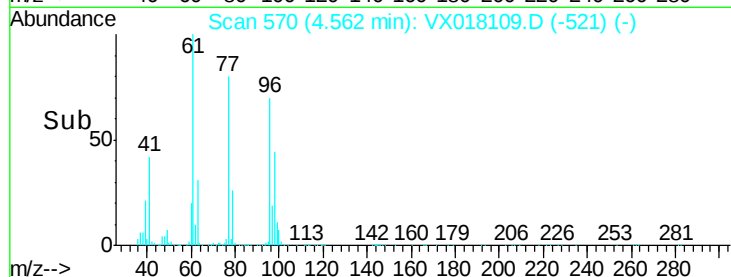
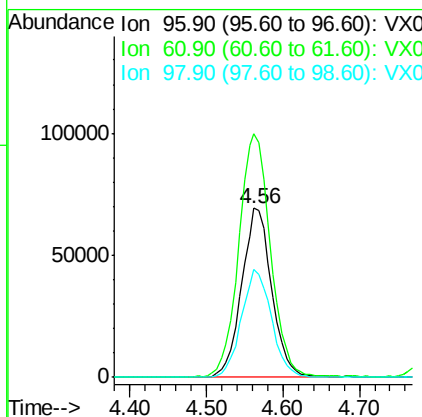
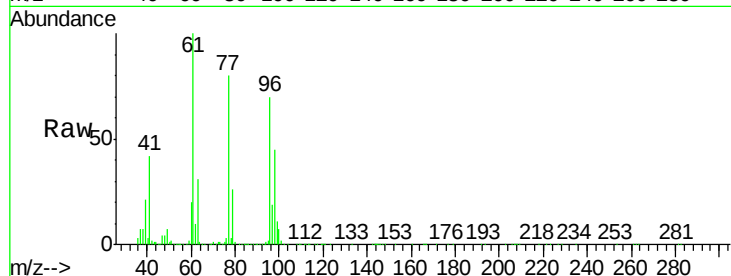
cis-1,2-Dichloroethene
Concen: 20.205 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	188943		
61	151.9	0.0	296.6	
98	64.2	0.0	130.2	

Manual Integrations
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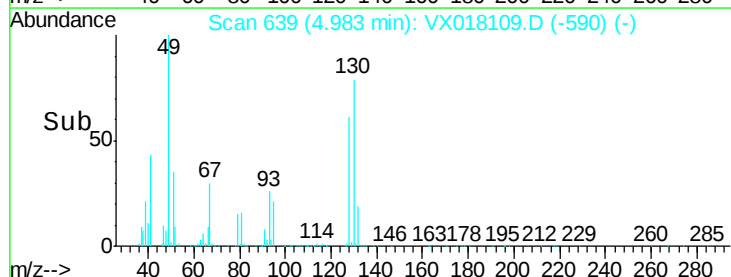
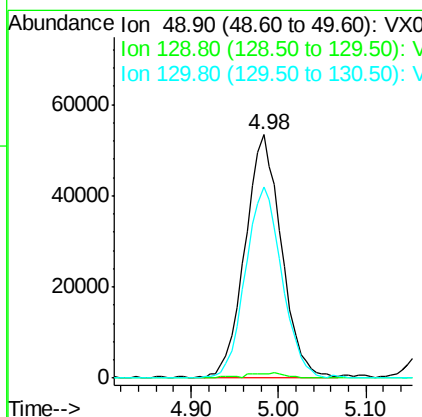
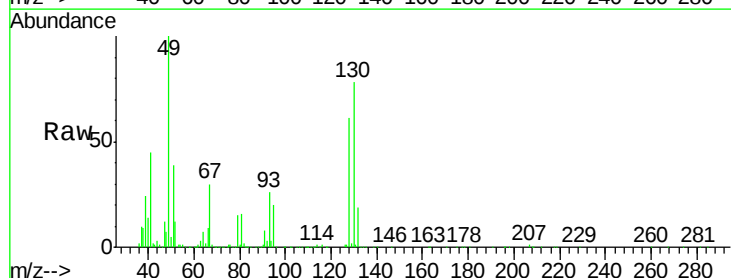
MMDadoda
8/31/2020 8:58:22 AM

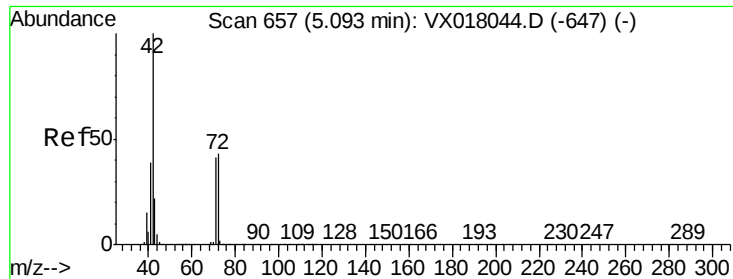


#28

Bromochloromethane
Concen: 21.501 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	153468		
129	2.0	0.0	4.6	
130	78.9	64.6	96.8	





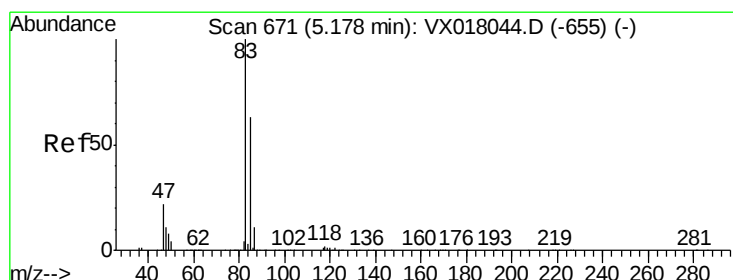
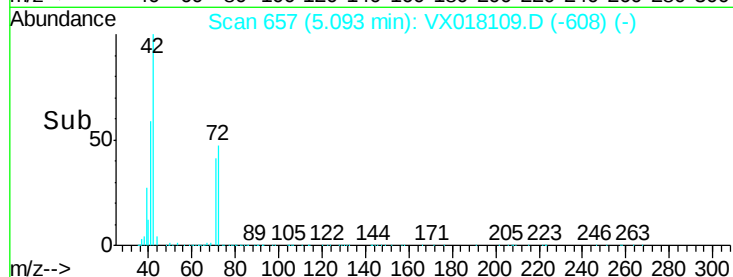
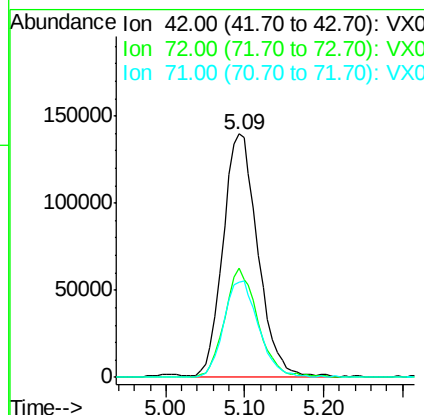
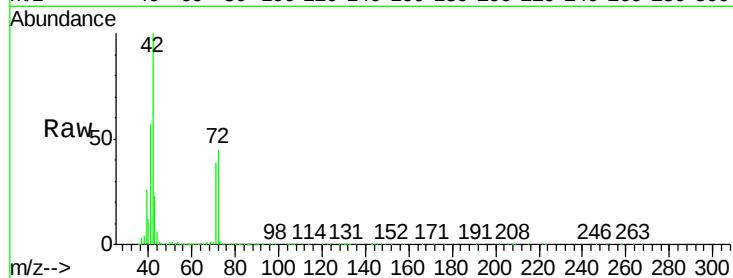
#29
Tetrahydrofuran
Concen: 100.603 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.4
71	39.9	32.1	48.1

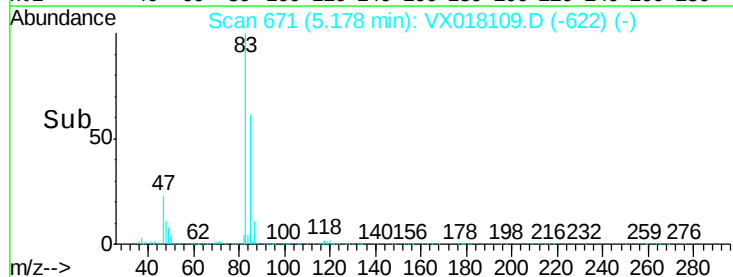
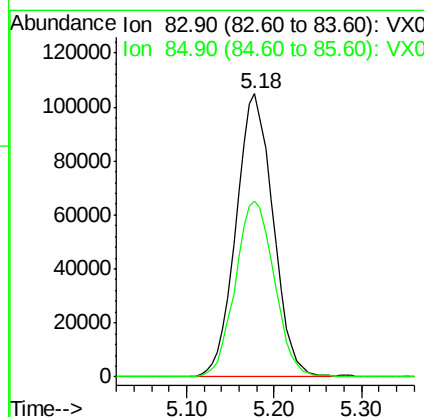
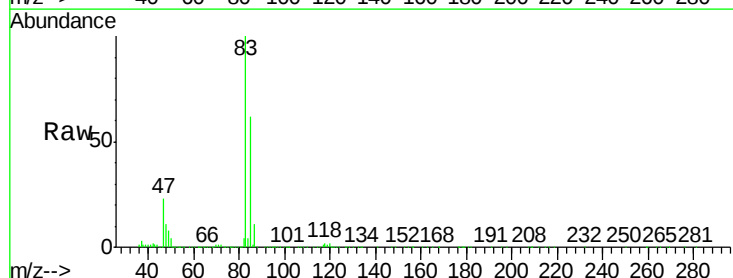
Manual Integrations
APPROVED

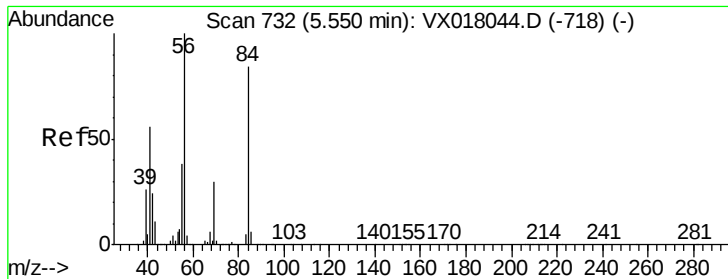
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#30
Chloroform
Concen: 20.187 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.7	76.1





#31

Cyclohexane

Concen: 21.382 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

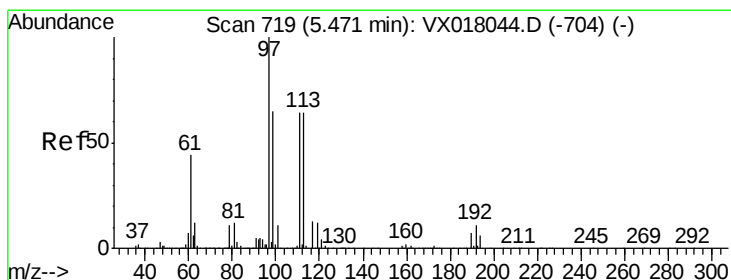
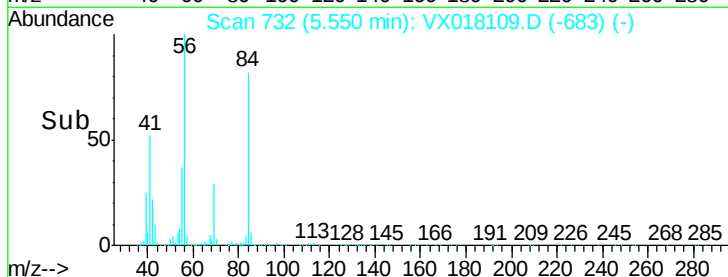
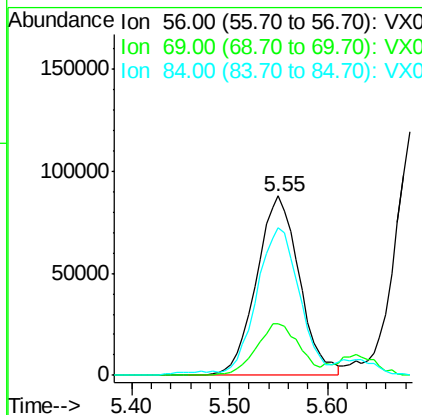
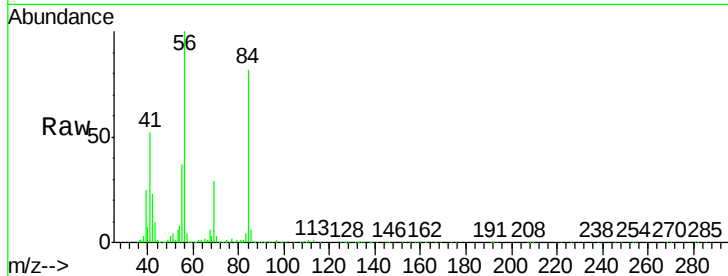
ClientSampleId :

VX0828WBS01

Tot Ion	Ion	Ratio	Lower	Upper
266331	56	100		
	69	28.6	23.9	35.9
	84	80.6	67.0	100.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.071 ug/l

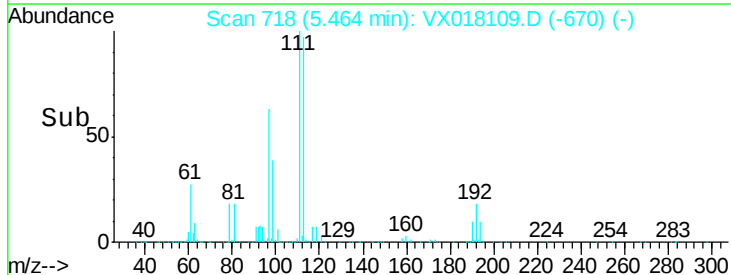
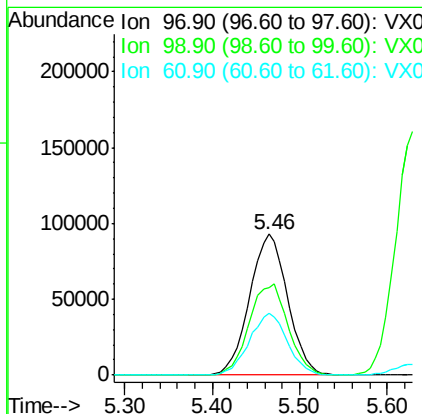
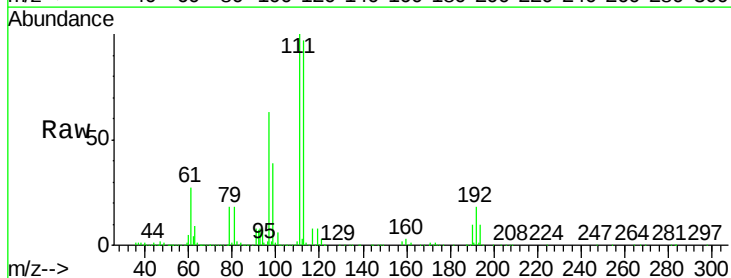
RT: 5.46 min Scan# 718

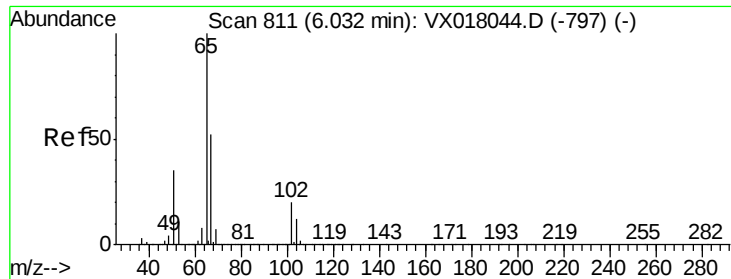
Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion	Ion	Ratio	Lower	Upper
282021	97	100		
	99	66.1	51.4	77.0
	61	43.6	34.2	51.4





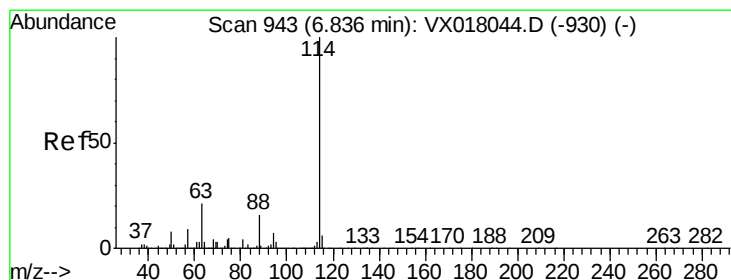
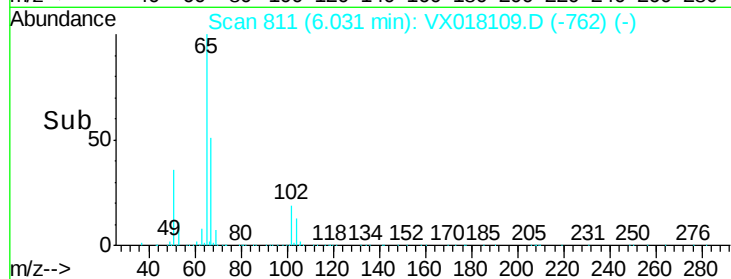
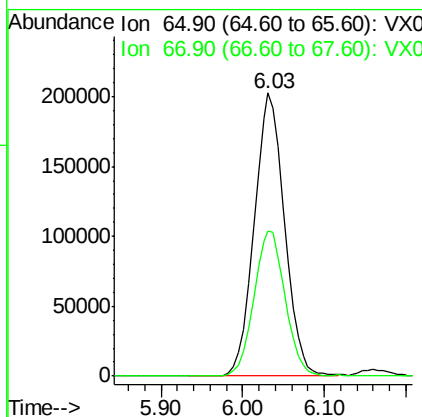
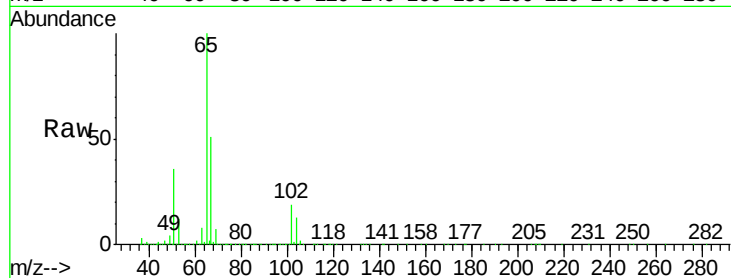
#33
 1,2-Dichloroethane-d4
 Concen: 50.376 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	524246		
67	52.6	0.0	105.8	

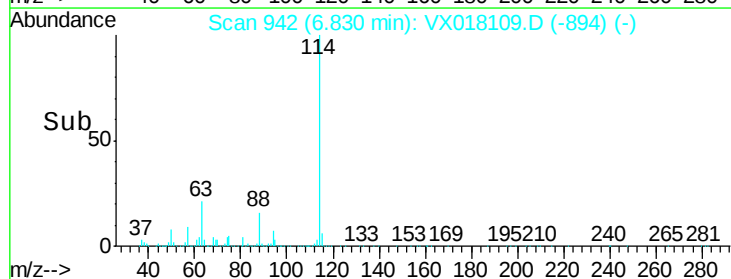
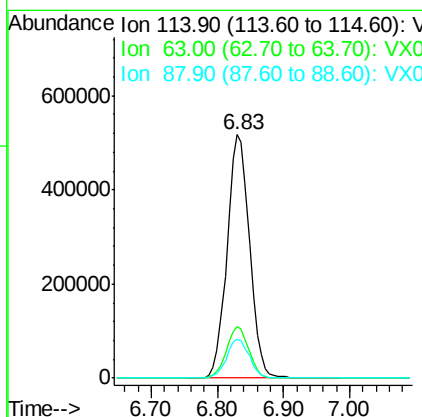
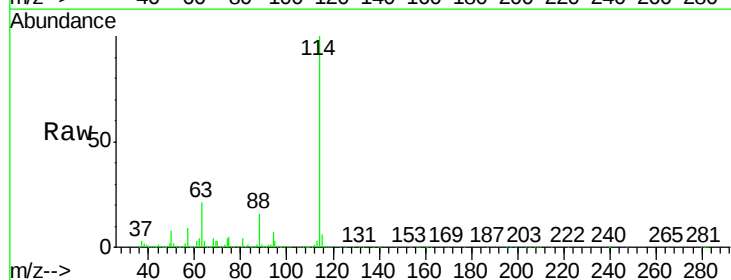
Manual Integrations
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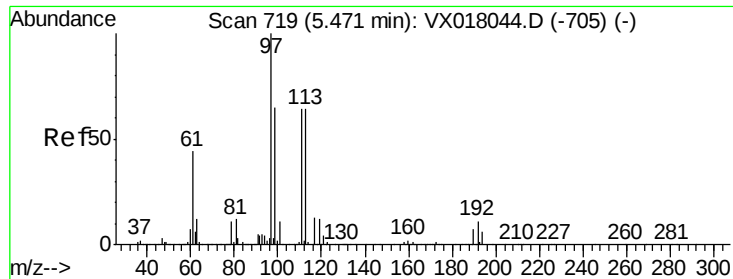
MMDadoda
 8/31/2020 8:58:22 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1219672		
63	21.3	0.0	42.6	
88	15.7	0.0	31.8	





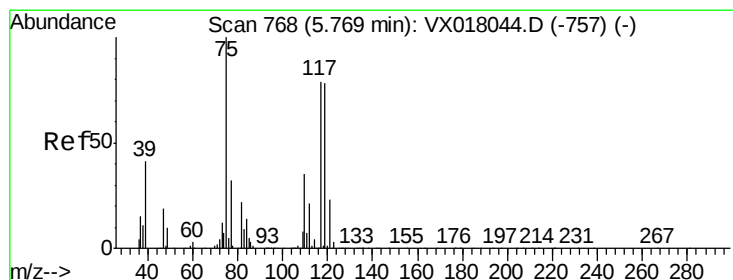
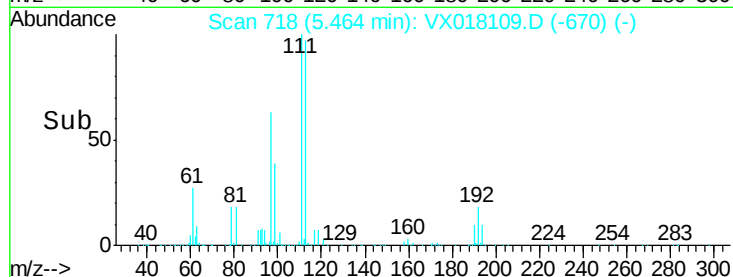
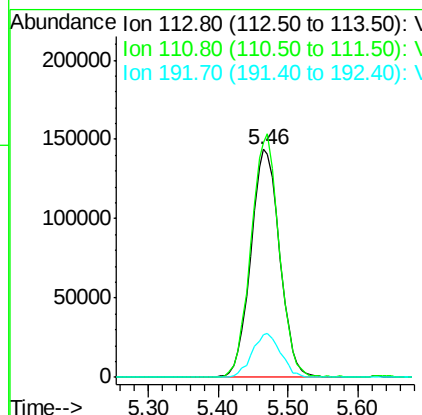
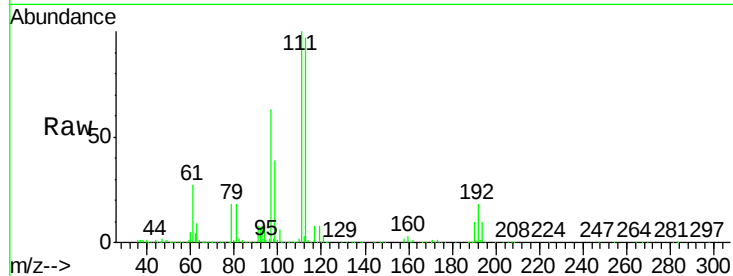
#35
Dibromofluoromethane
Concen: 49.648 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.3	81.6	122.4	
192	19.1	15.8	23.8	

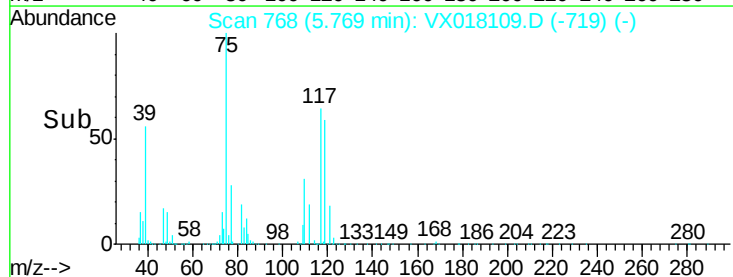
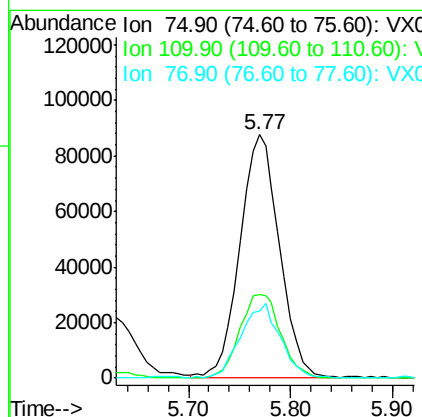
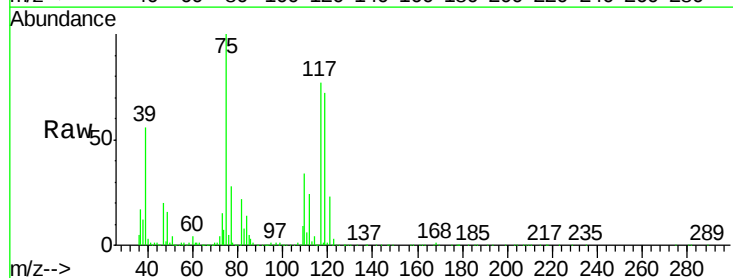
Manual Integrations
APPROVED

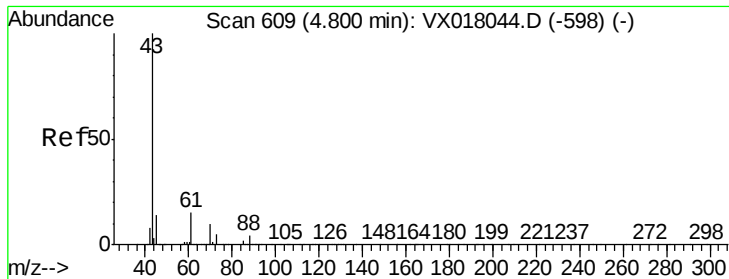
MMDadoda
8/31/2020 8:58:22 AM



#36
1,1-Dichloropropene
Concen: 20.724 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.6	18.0	54.0	
77	30.4	24.4	36.6	





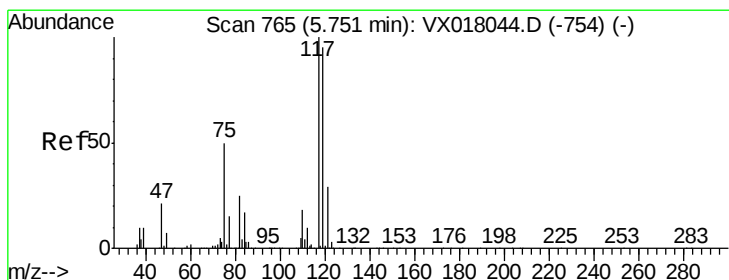
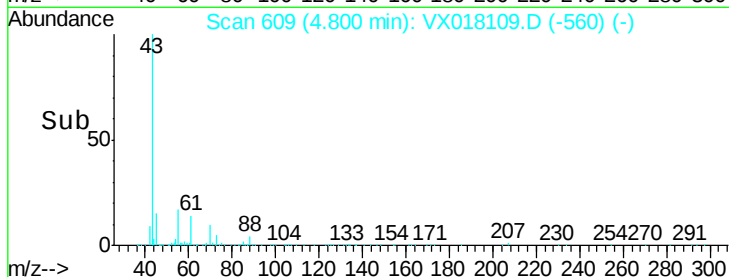
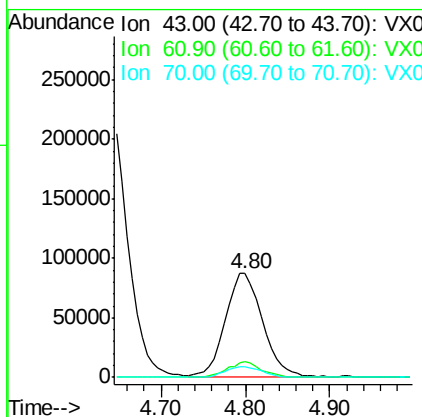
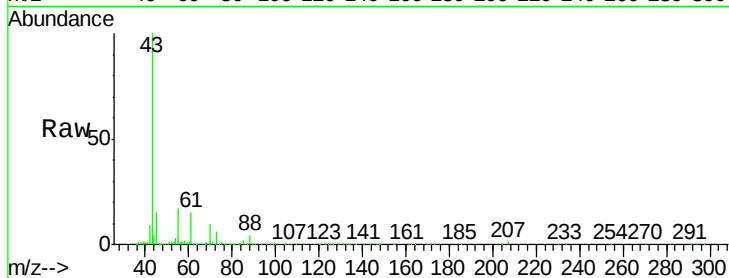
#37
Ethyl Acetate
Concen: 19.844 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	43	Resp	259279
Ion Ratio	Lower	Upper	
43	100		
61	13.8	11.3	16.9
70	10.8	8.2	12.4

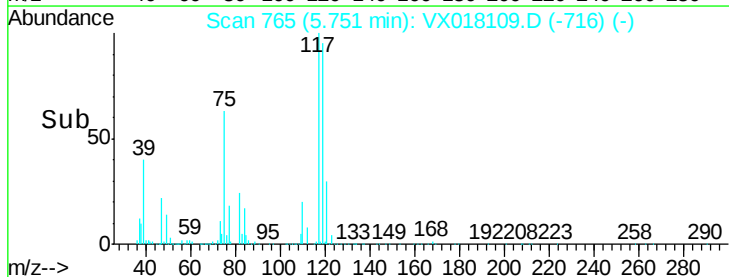
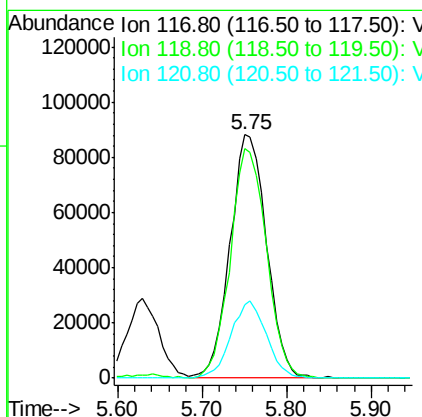
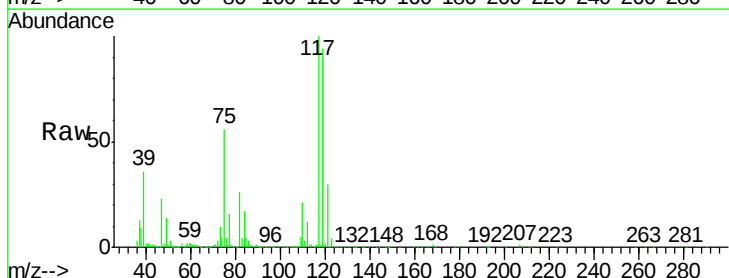
Manual Integrations
APPROVED

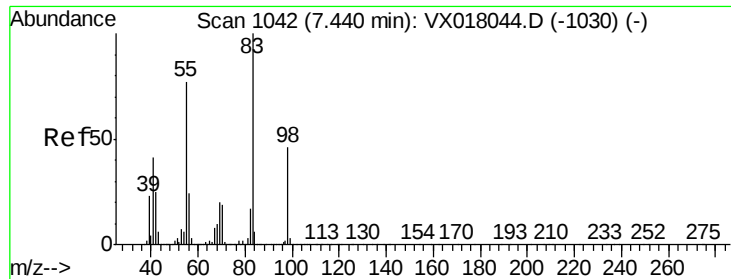
MMDadoda
8/31/2020 8:58:22 AM



#38
Carbon Tetrachloride
Concen: 20.309 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	117	Resp	257472
Ion Ratio	Lower	Upper	
117	100		
119	94.3	75.8	113.6
121	30.4	23.4	35.0





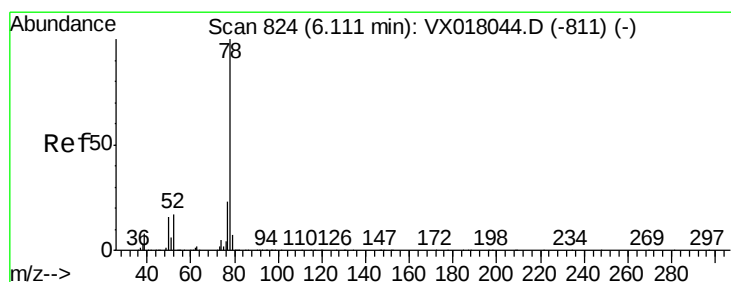
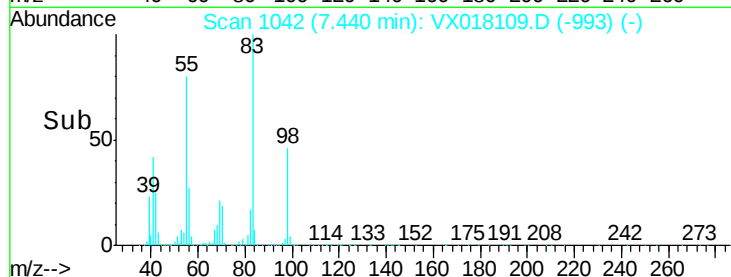
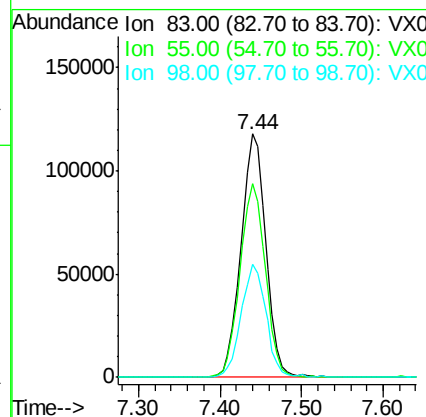
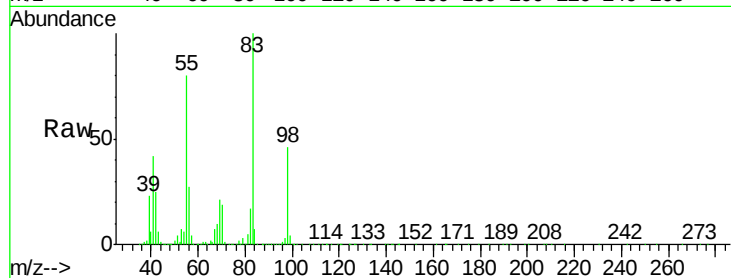
#39
Methvlcvclohexane
Concen: 20.133 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	247657		
55	79.5	61.8	92.6	
98	46.3	36.6	55.0	

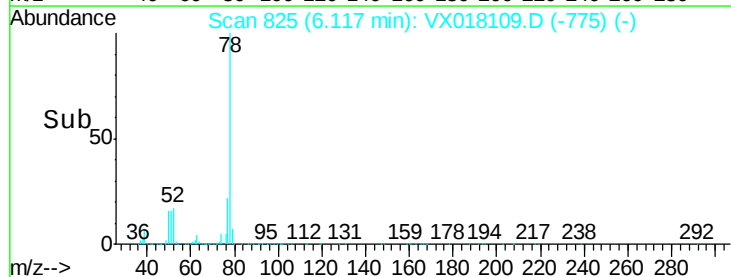
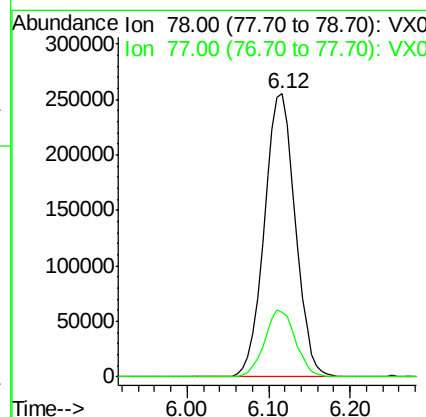
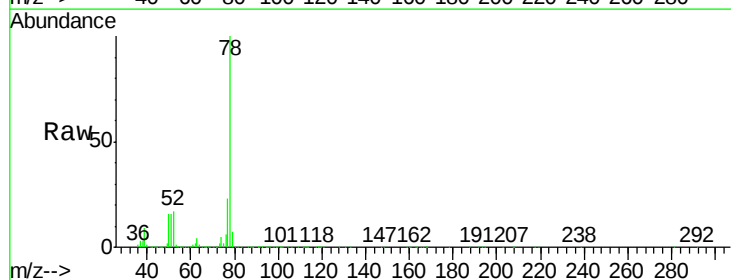
Manual Integrations
APPROVED

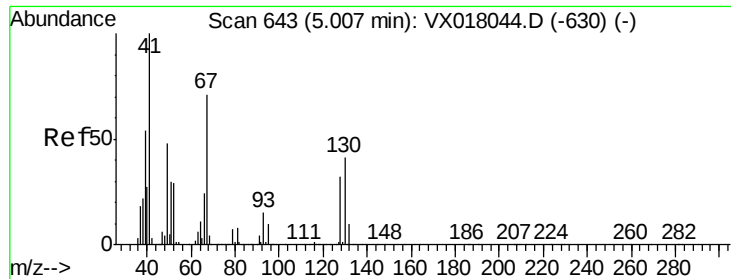
MMDadoda
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#40
Benzene
Concen: 20.395 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	674169		
77	23.0	18.2	27.2	





#41

Methacrylonitrile

Concen: 19.855 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

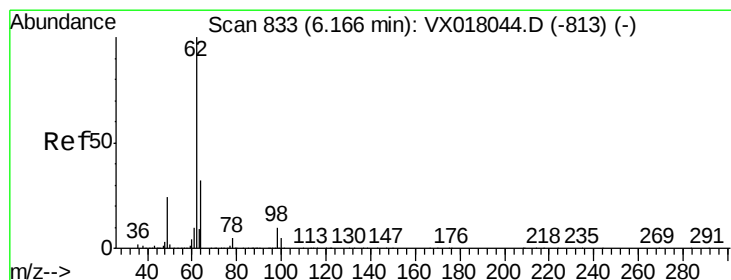
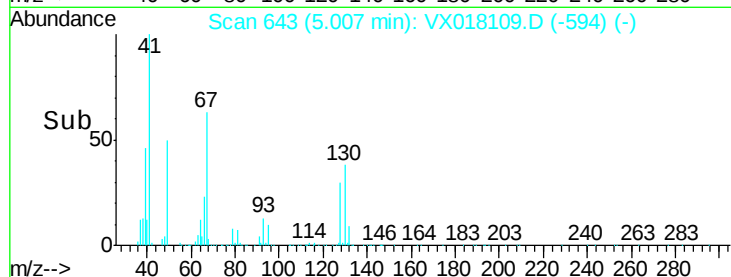
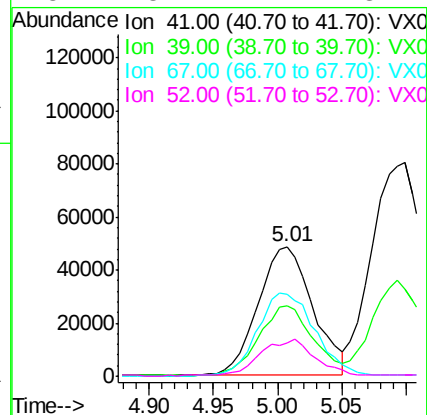
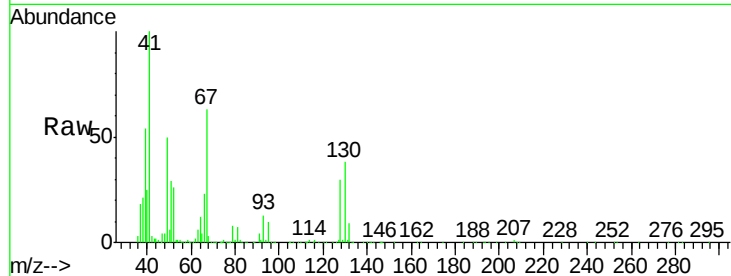
ClientSampleId :

VX0828WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	43.1	64.7	
67	68.3	56.0	84.0	
52	28.4	22.7	34.1	

Manual Integrations
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MMDadoda
8/31/2020 8:58:22 AM



#42

1,2-Dichloroethane

Concen: 20.320 ug/l

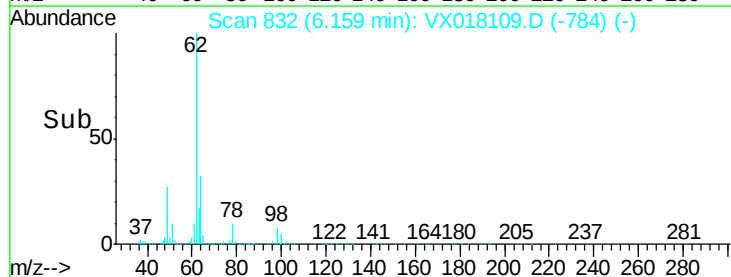
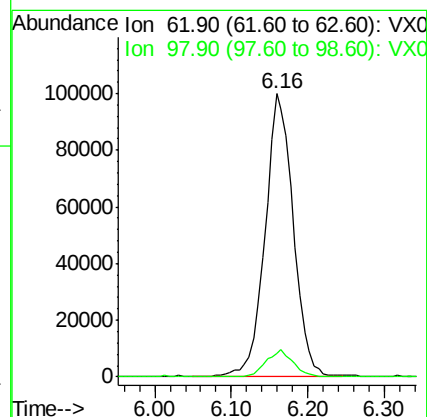
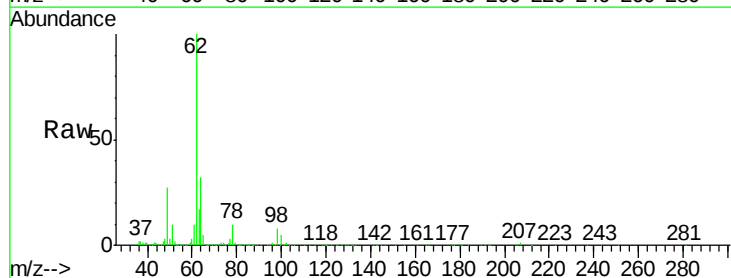
RT: 6.16 min Scan# 832

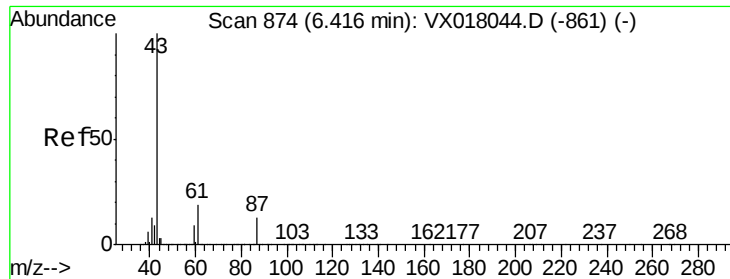
Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	18.2	





#43

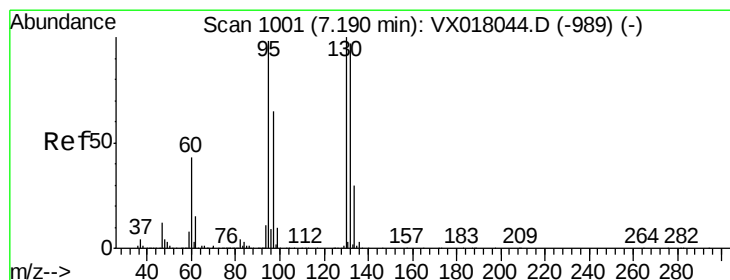
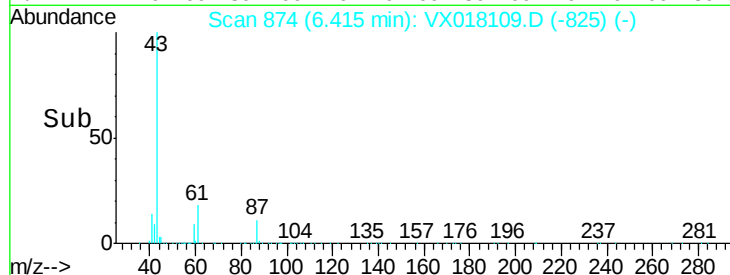
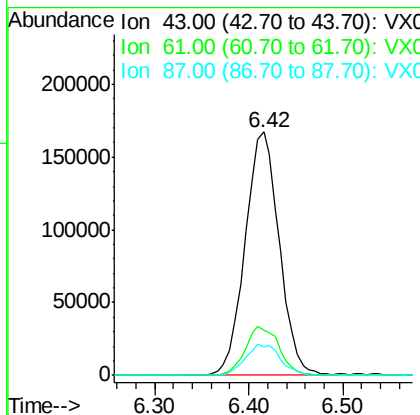
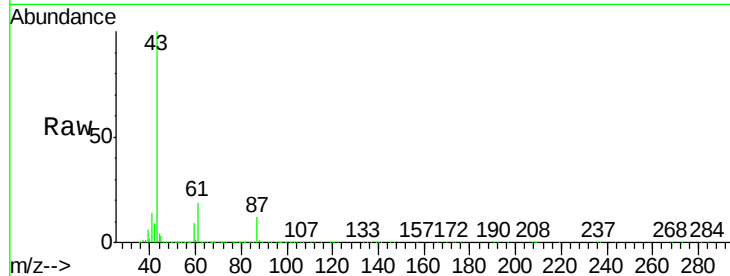
Isopropyl Acetate
 Concen: 19.807 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.7	23.5
87	13.3	10.3	15.5

Manual Integrations
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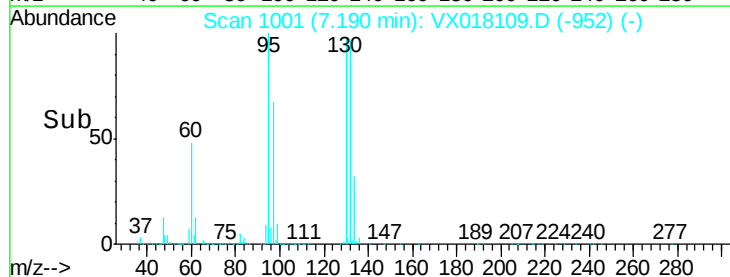
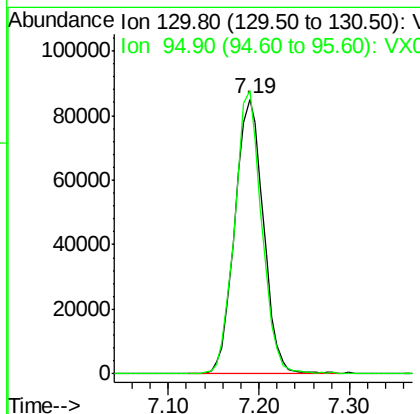
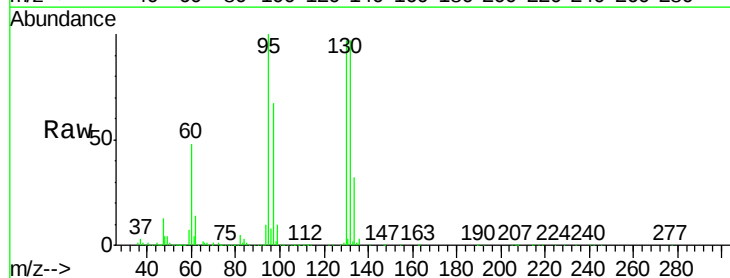
MMDadoda
 8/31/2020 8:58:22 AM

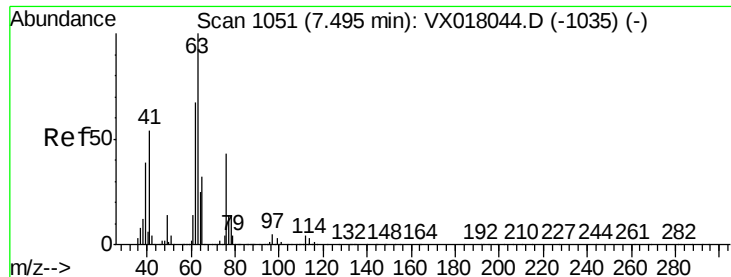


#44

Trichloroethene
 Concen: 19.929 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	196.4





#45

1,2-Dichloropropane

Concen: 20.490 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 63 Resp: 182548

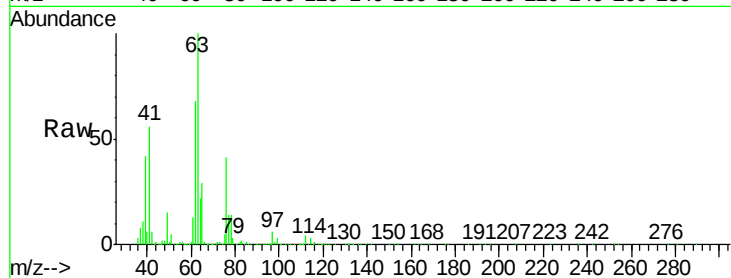
Ion Ratio Lower Upper

63 100

65 28.6 25.7 38.5

Manual Integrations
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

100000

80000

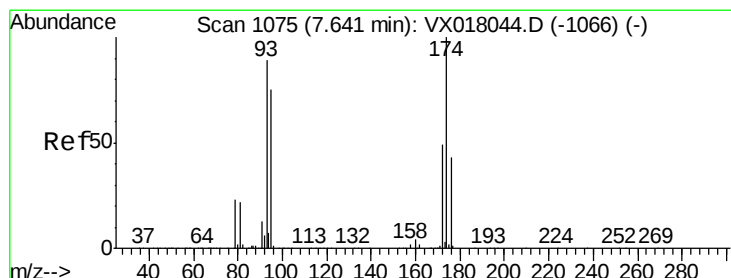
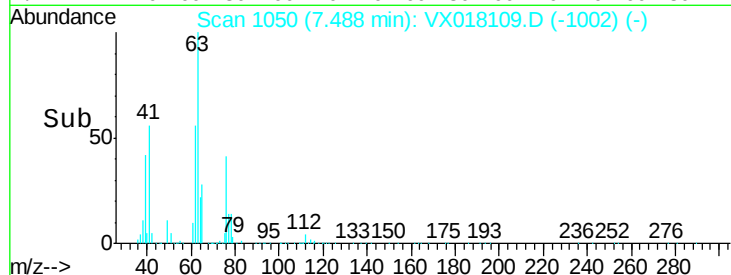
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 19.317 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

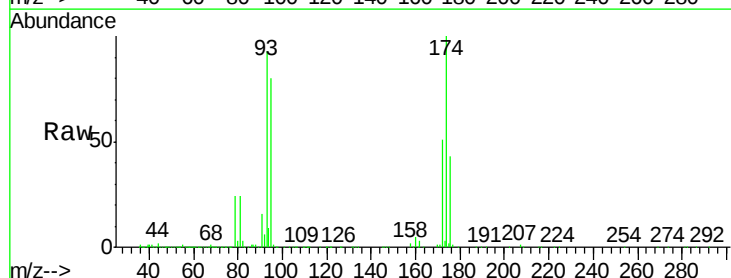
Tgt Ion: 93 Resp: 121024

Ion Ratio Lower Upper

93 100

95 84.2 67.3 100.9

174 99.2 82.2 123.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

80000

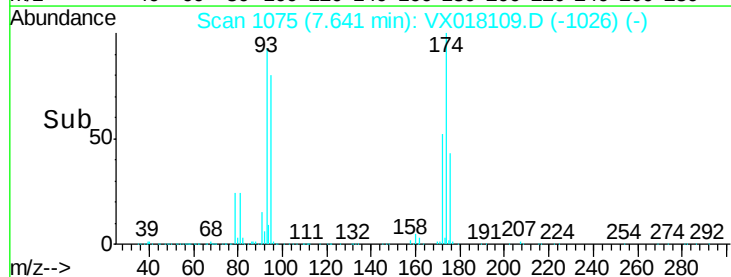
60000

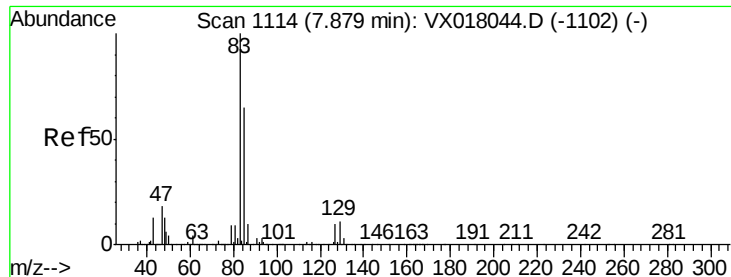
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 19.854 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

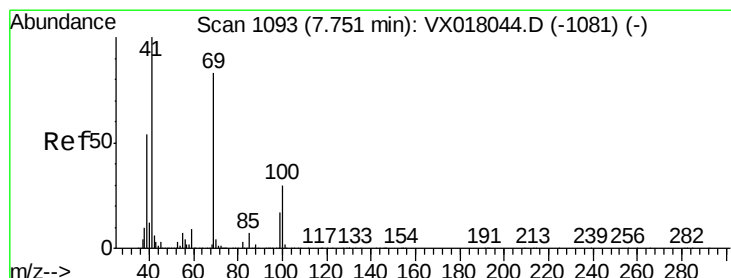
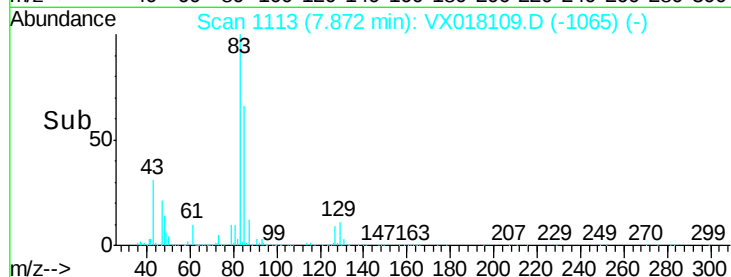
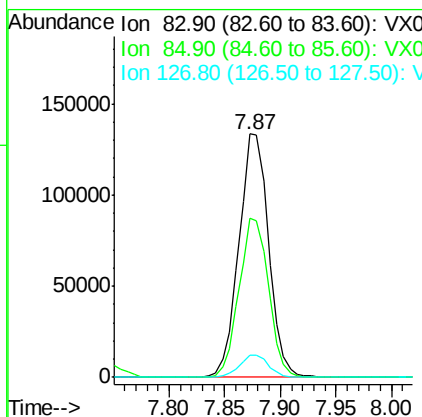
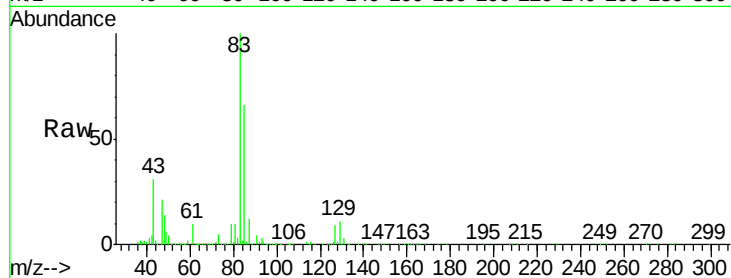
ClientSampleId :

VX0828WBS01

Tot Ion:	83	Resp:	248359
Ion Ratio	Lower	Upper	
83	100		
85	65.5	51.8	77.6
127	9.0	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.778 ug/l

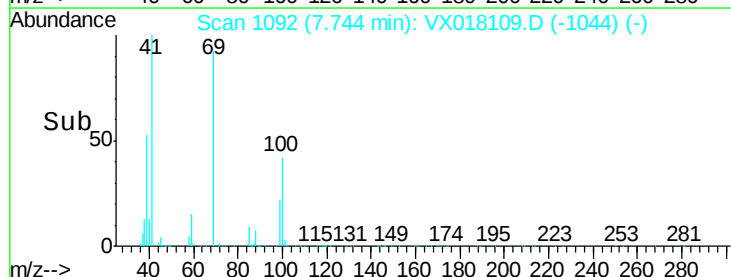
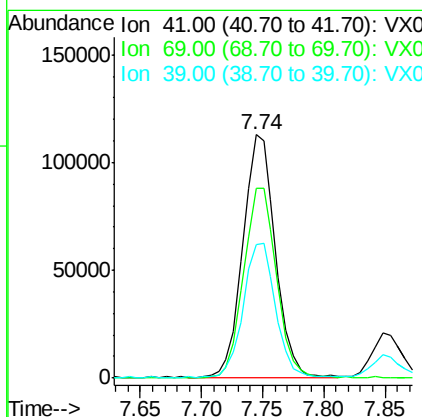
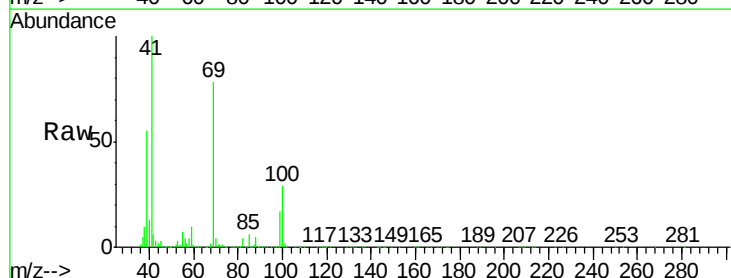
RT: 7.74 min Scan# 1092

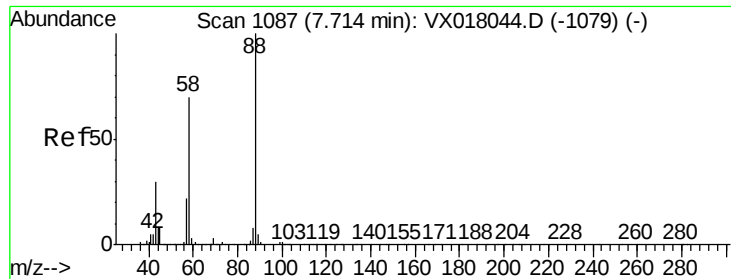
Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion:	41	Resp:	207774
Ion Ratio	Lower	Upper	
41	100		
69	80.0	65.5	98.3
39	54.9	44.5	66.7





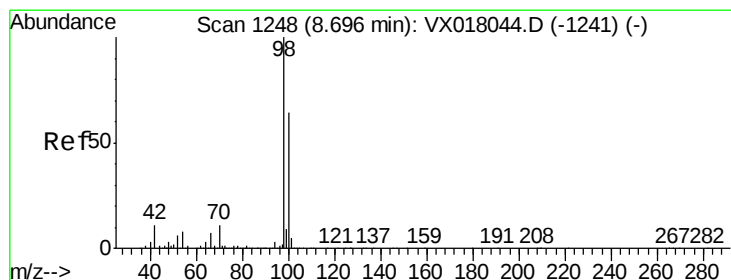
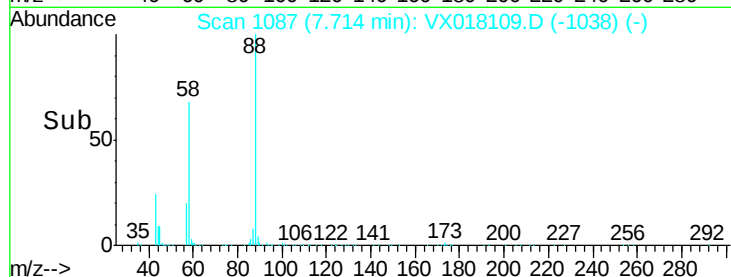
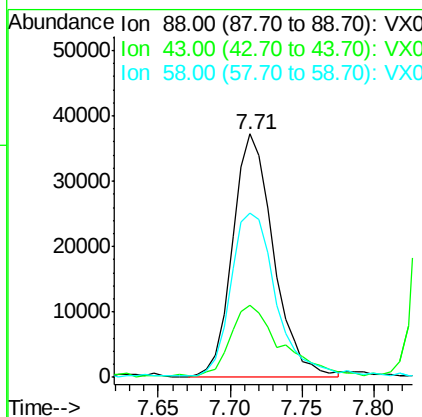
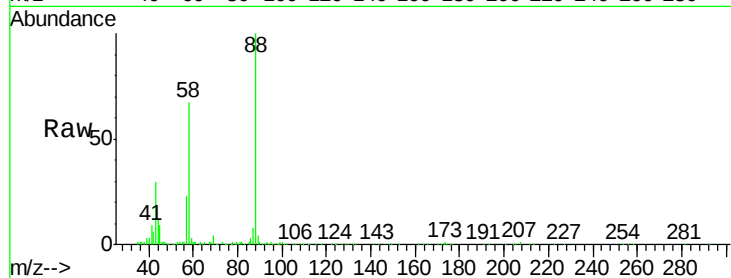
#49
1,4-Dioxane
Concen: 385.137 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	27.4	41.0
58	75.4	56.4	84.6

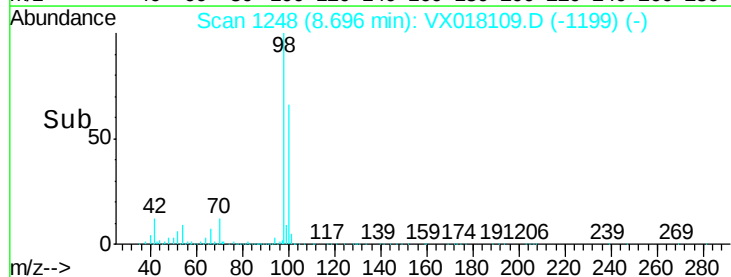
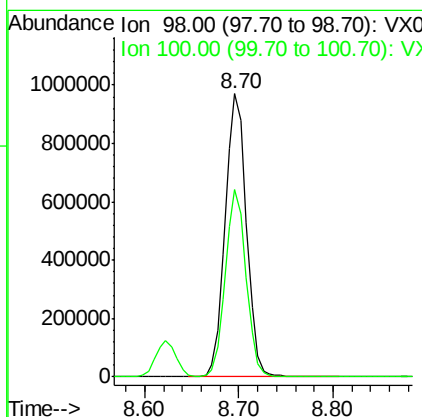
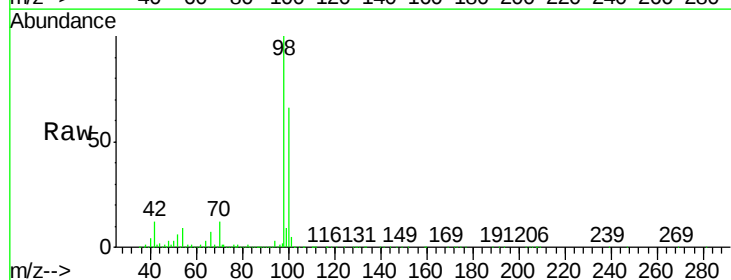
Manual Integrations
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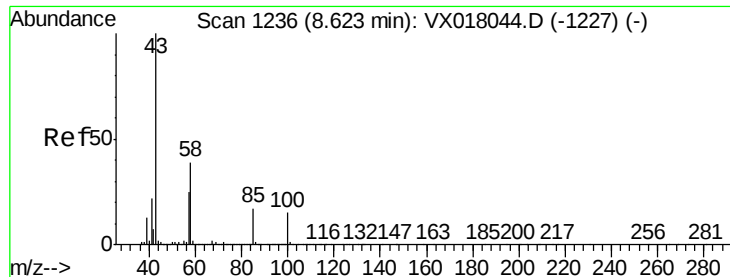
MMDadoda
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#50
Toluene-d8
Concen: 49.020 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.4





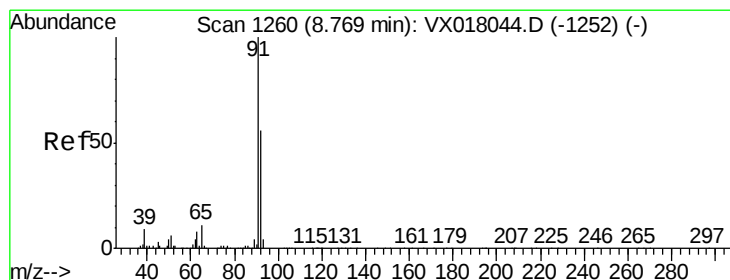
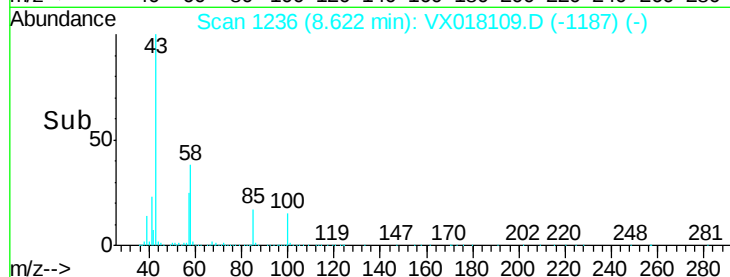
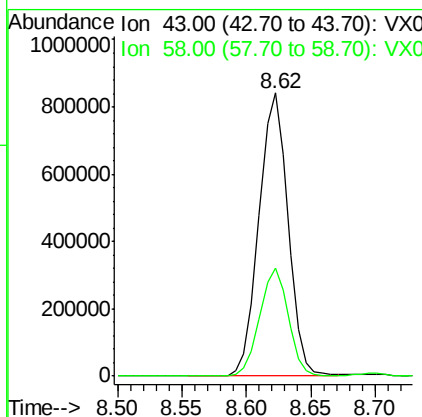
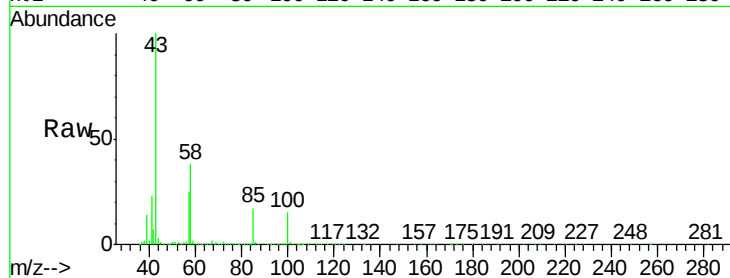
#51
4-Methyl-2-Pentanone
Concen: 100.781 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion: 43 Resp: 1313769
Ion Ratio Lower Upper
43 100
58 37.5 30.7 46.1

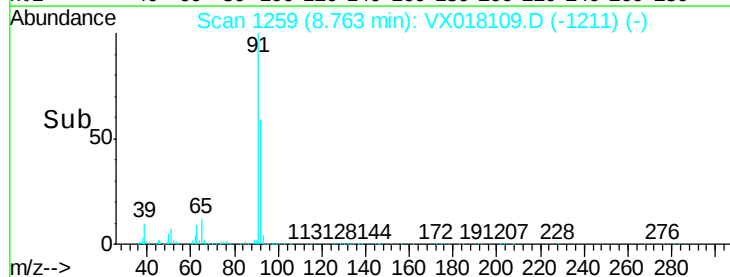
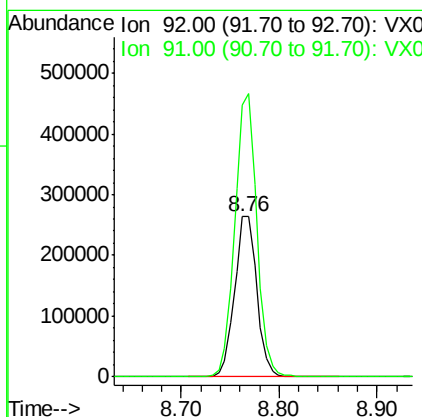
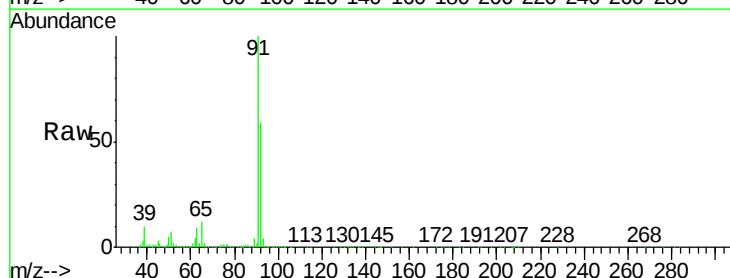
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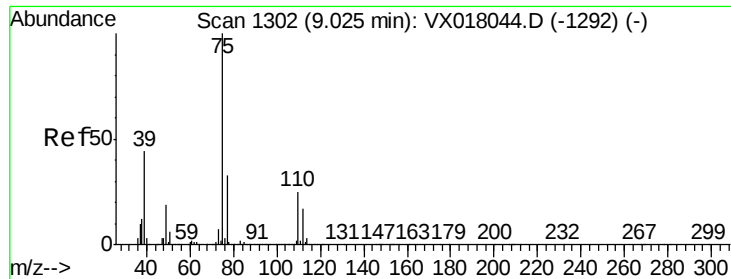
MMDadoda
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#52
Toluene
Concen: 19.893 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 92 Resp: 416970
Ion Ratio Lower Upper
92 100
91 173.7 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 20.339 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 75 Resp: 281984

Ion Ratio Lower Upper

75 100

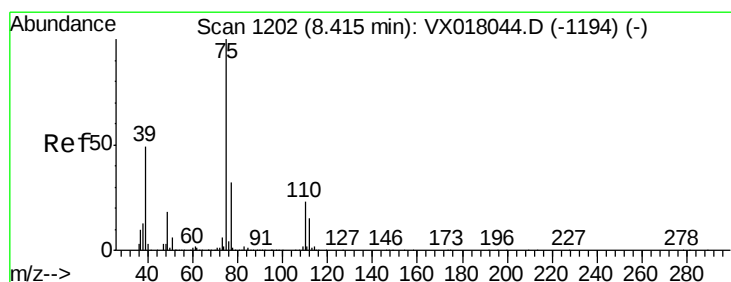
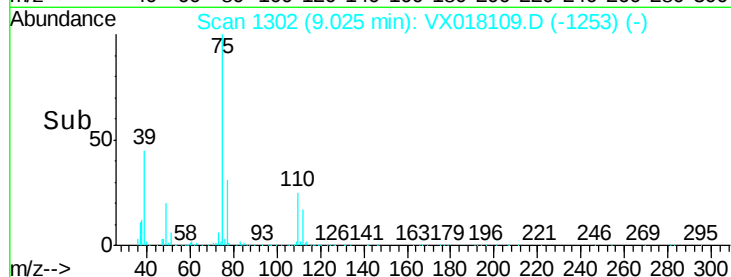
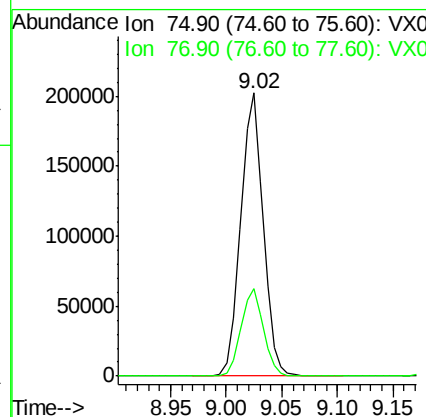
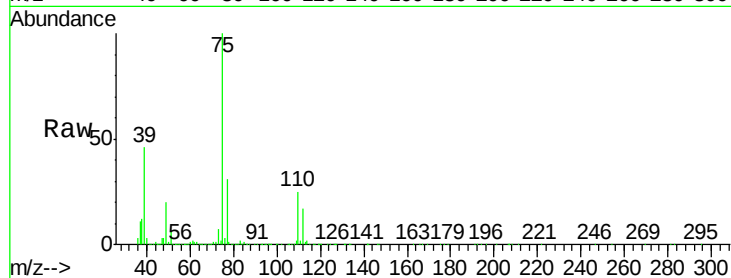
77 30.7 26.6 39.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.403 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

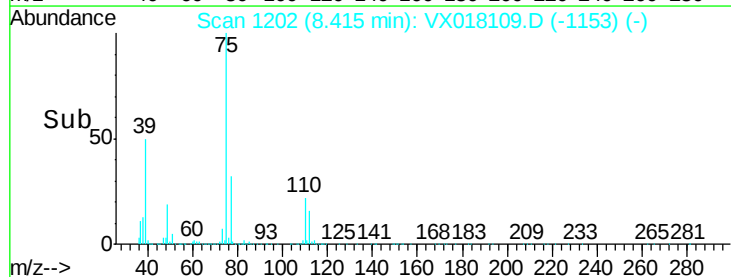
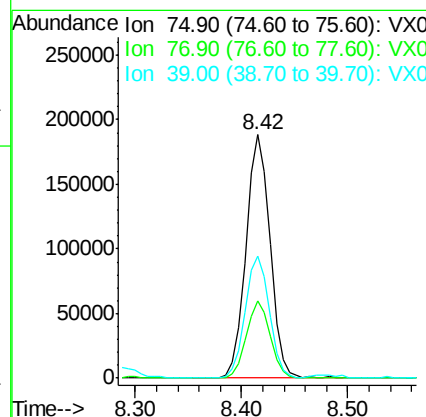
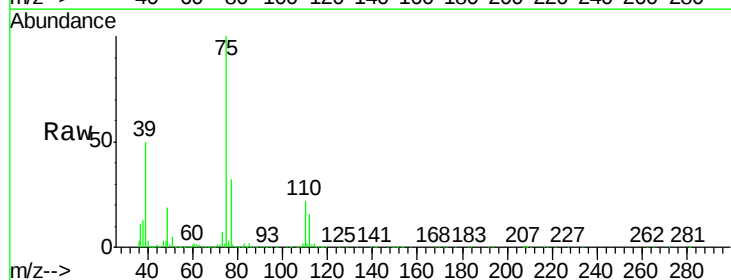
Tgt Ion: 75 Resp: 299652

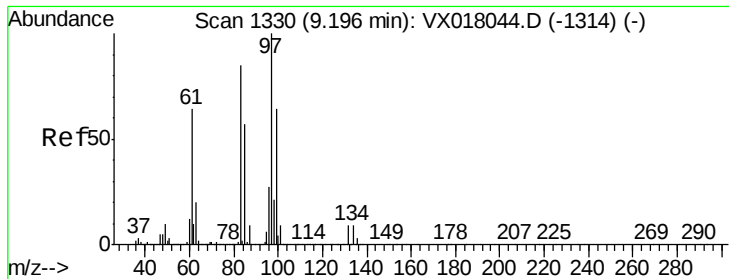
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 49.9 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.782 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

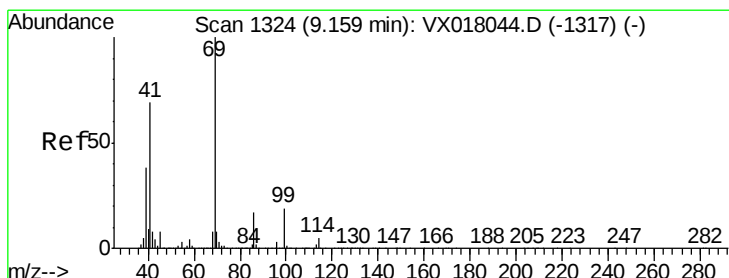
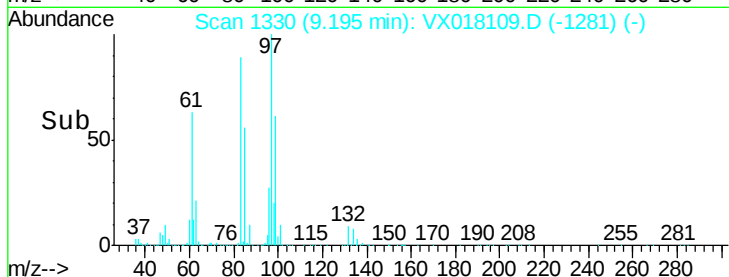
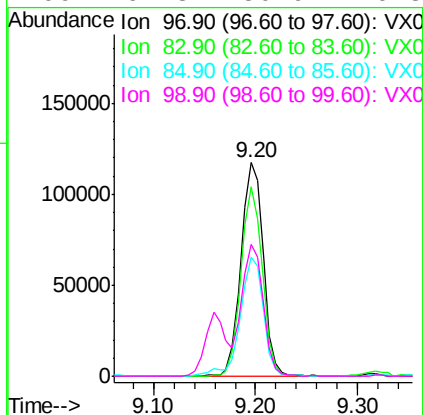
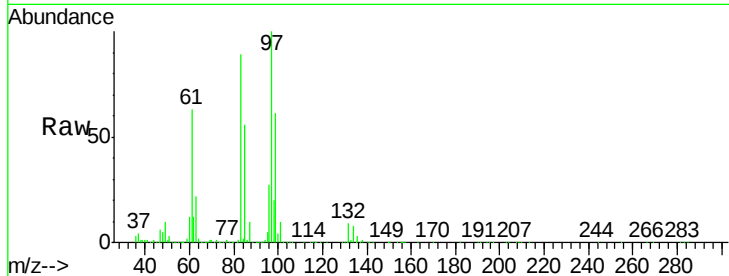
ClientSampleId :

VX0828WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		176841		
83	88.9	67.8	101.6		
85	55.8	45.3	67.9		
99	61.3	50.9	76.3		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.863 ug/l

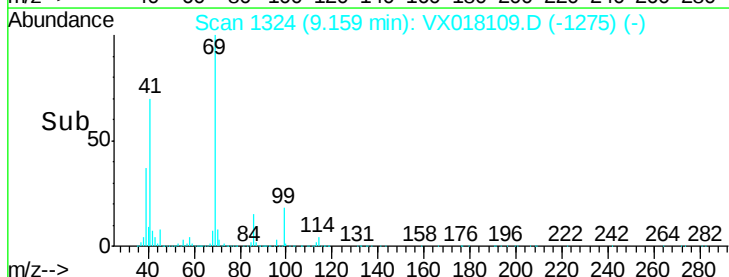
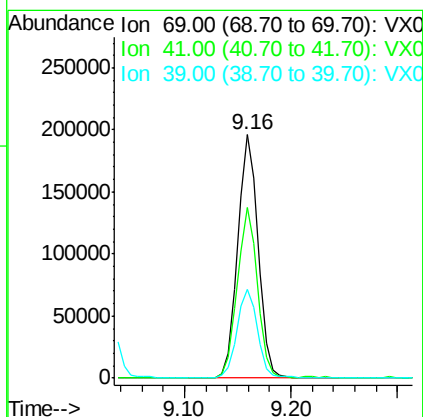
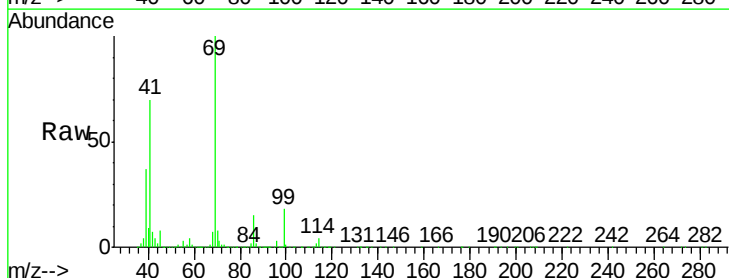
RT: 9.16 min Scan# 1324

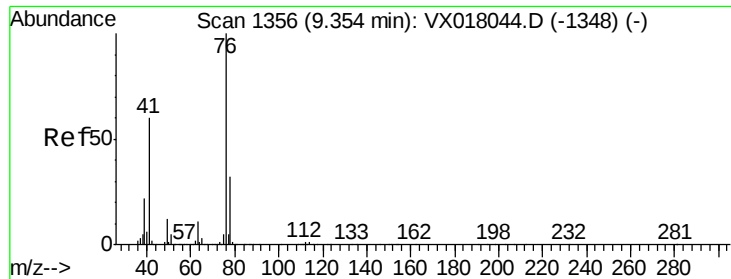
Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		263977		
41	69.0	54.6	81.8		
39	36.9	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 19.876 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 76 Resp: 293067

Ion Ratio Lower Upper

76 100

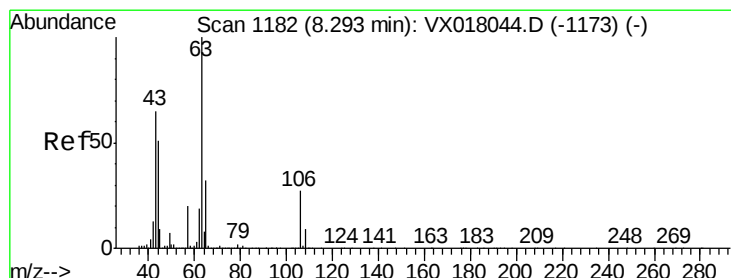
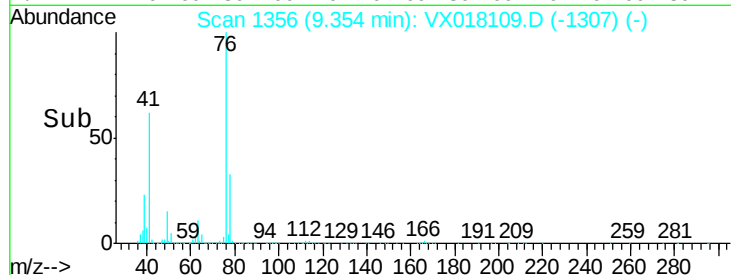
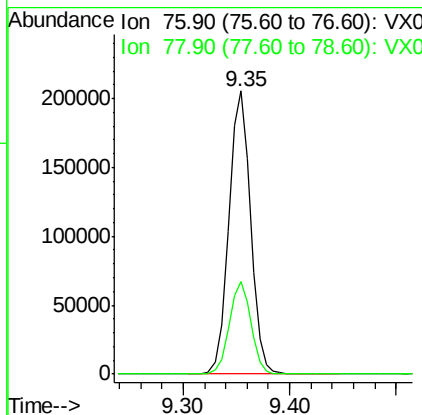
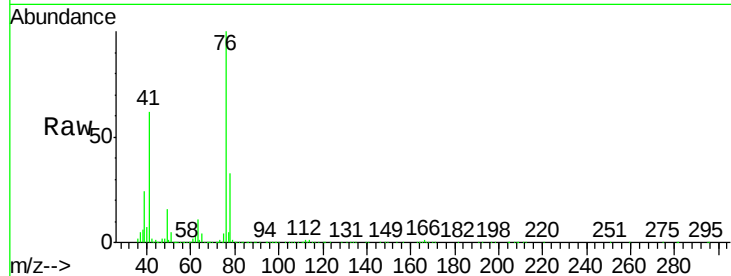
78 32.8 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 94.987 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018109.D

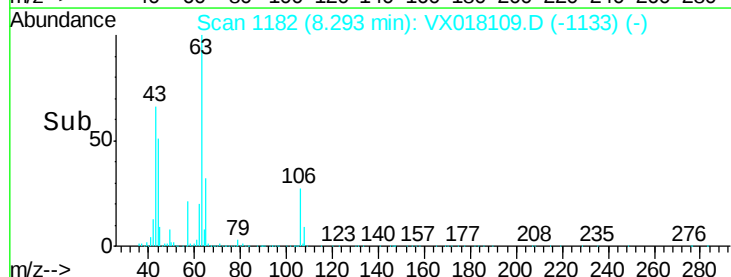
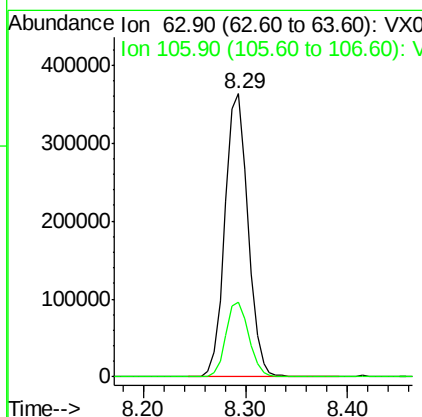
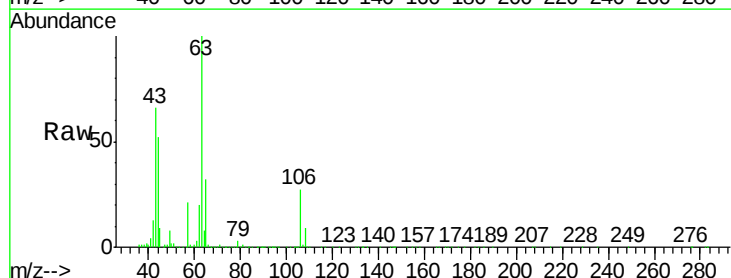
Acq: 28 Aug 2020 10:54

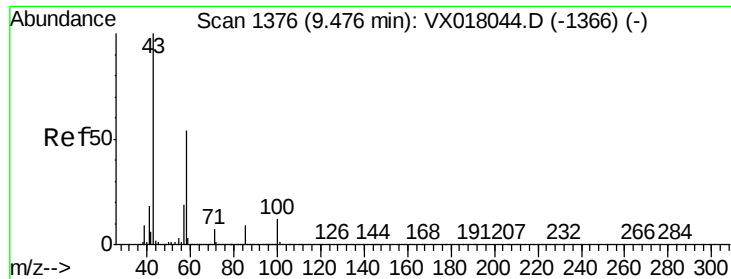
Tgt Ion: 63 Resp: 567854

Ion Ratio Lower Upper

63 100

106 26.6 22.1 33.1





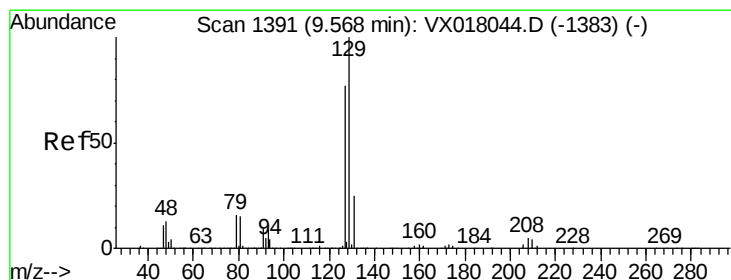
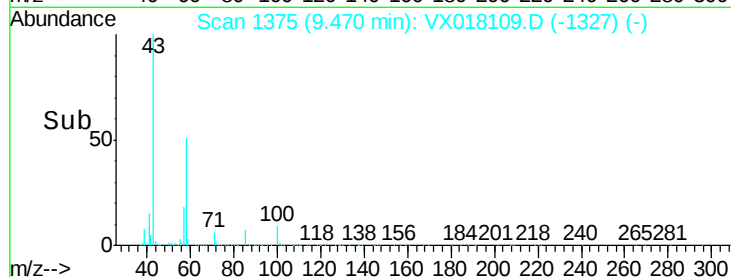
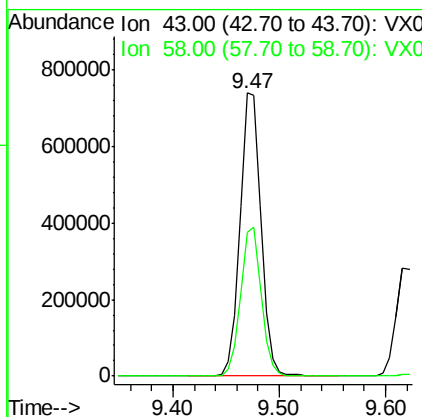
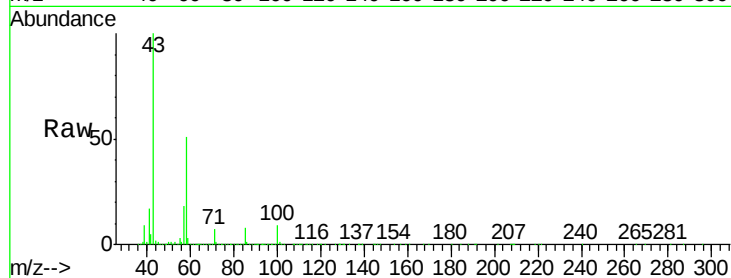
#59
2-Hexanone
Concen: 103.634 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion: 43 Resp: 1027246
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.7

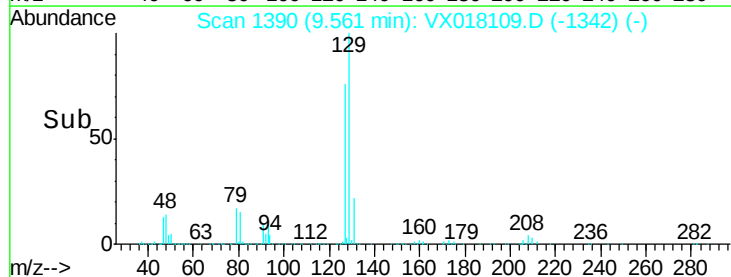
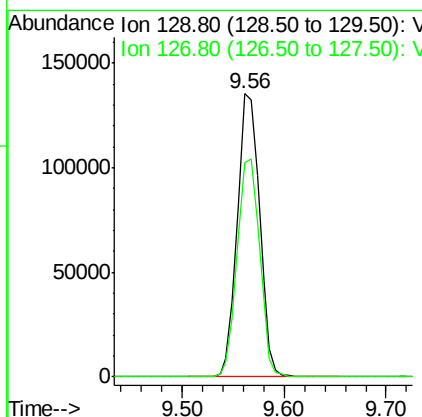
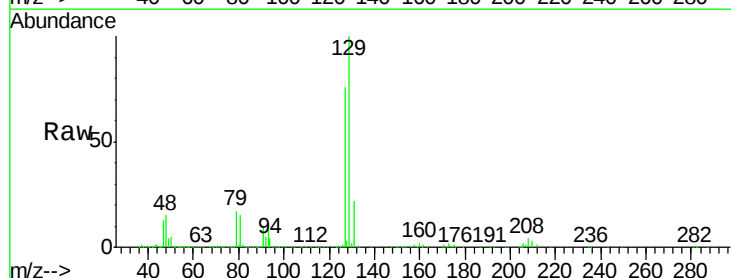
Manual Integrations
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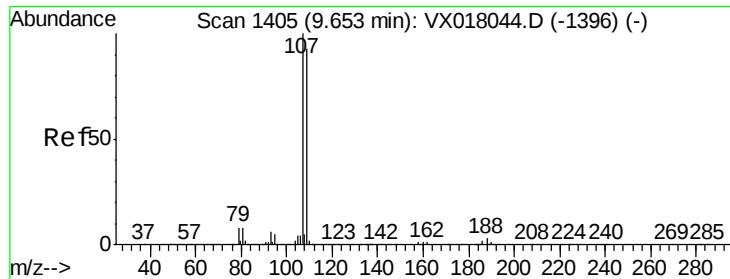
MMDadoda
8/31/2020 8:58:22 AM



#60
Dibromochloromethane
Concen: 19.518 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 129 Resp: 204682
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.164 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 107 Resp: 185994

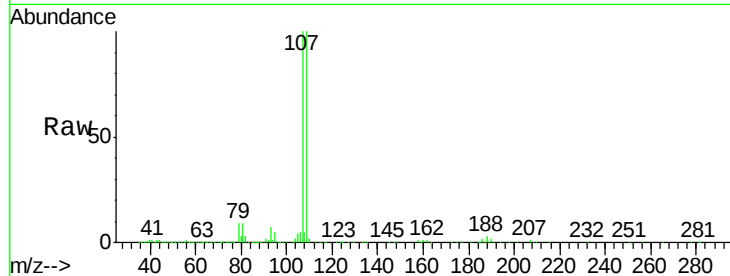
Ion Ratio Lower Upper

107 100

109 96.0 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

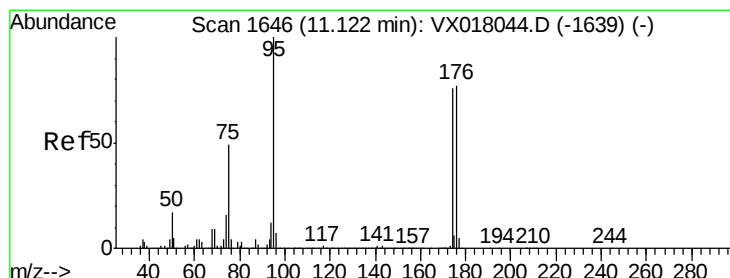
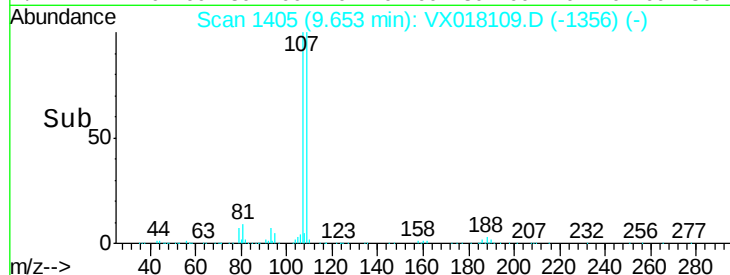
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 48.853 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

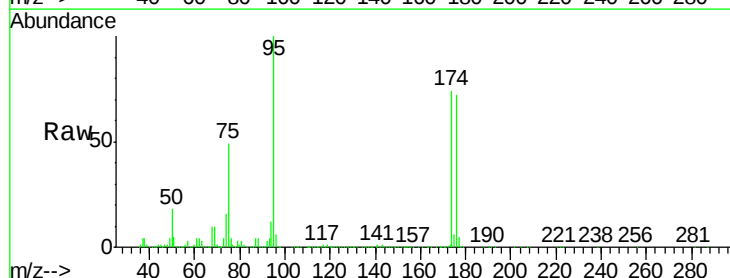
Tgt Ion: 95 Resp: 594660

Ion Ratio Lower Upper

95 100

174 74.9 0.0 160.2

176 73.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

600000

500000

400000

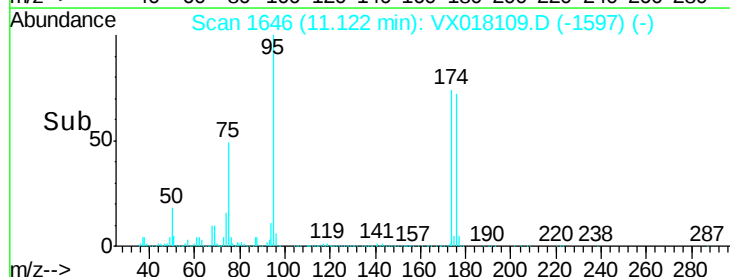
300000

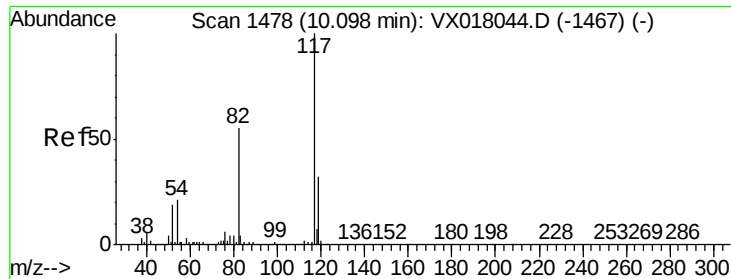
200000

100000

0

Time--> 11.00 11.10 11.20





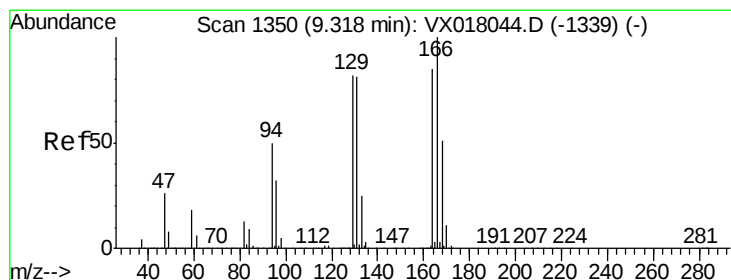
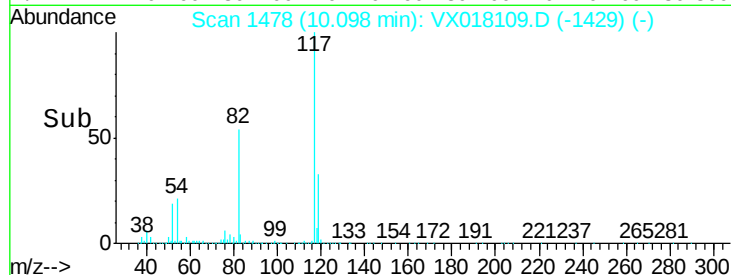
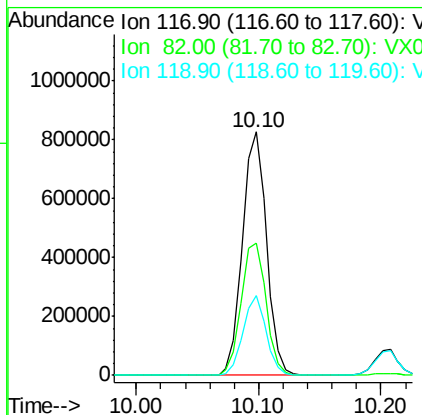
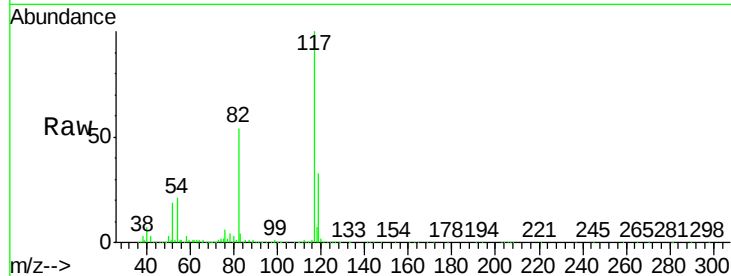
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.2	66.2
119	32.6	25.7	38.5

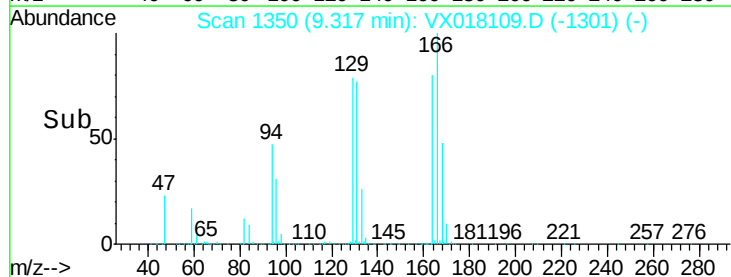
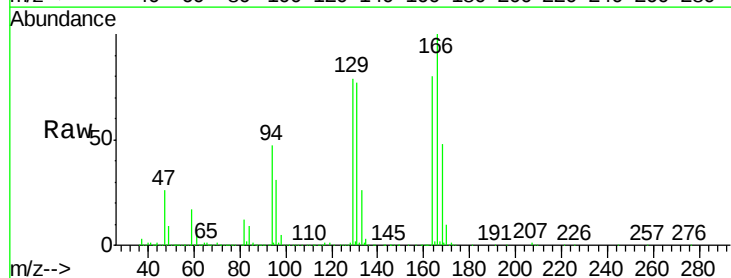
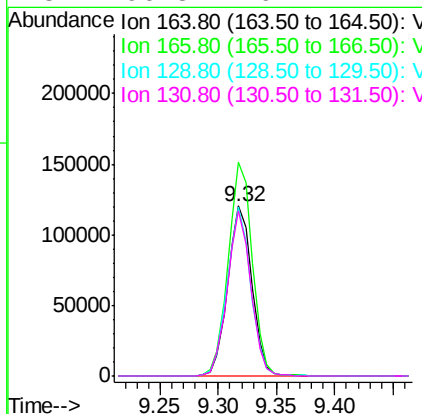
Manual Integrations
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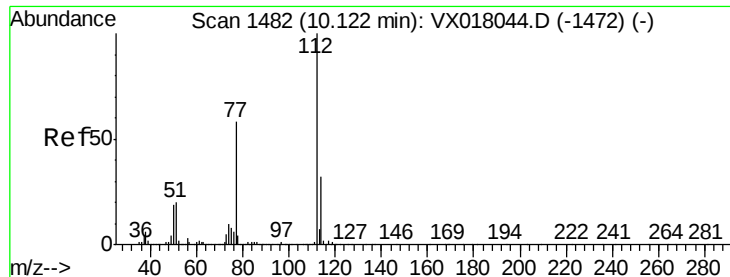
MMDadoda
8/31/2020 8:58:22 AM



#64
Tetrachloroethene
Concen: 21.054 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	94.2	141.2
129	98.9	76.9	115.3
131	96.8	76.1	114.1





#65

Chlorobenzene

Concen: 20.363 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion:112 Resp: 459403

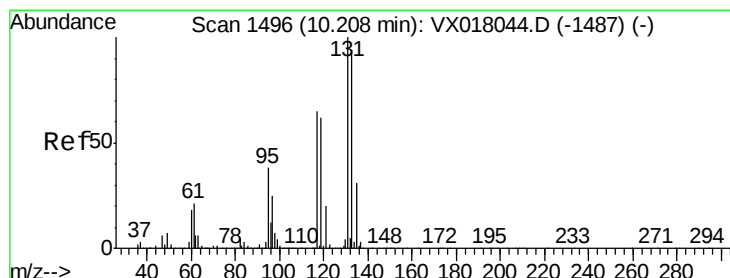
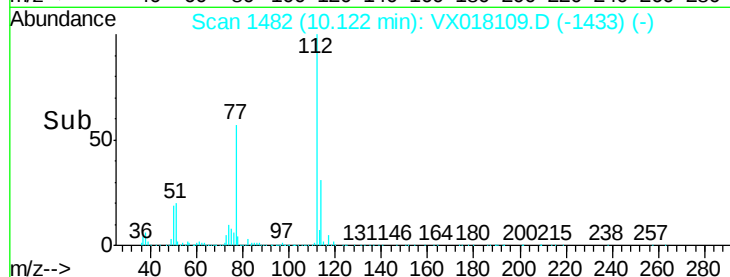
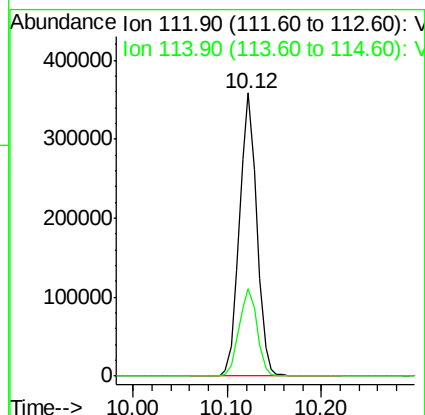
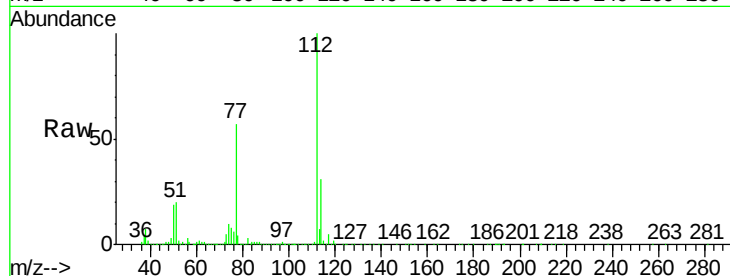
Ion Ratio Lower Upper

112 100

114 31.0 25.7 38.5

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.117 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

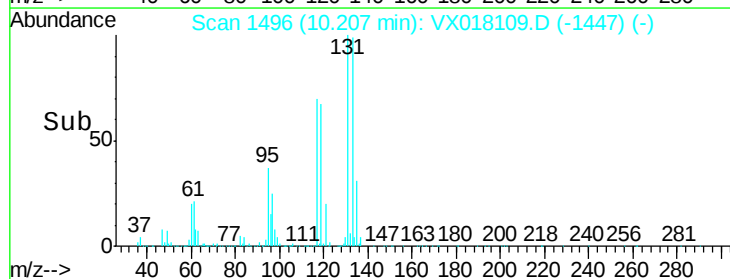
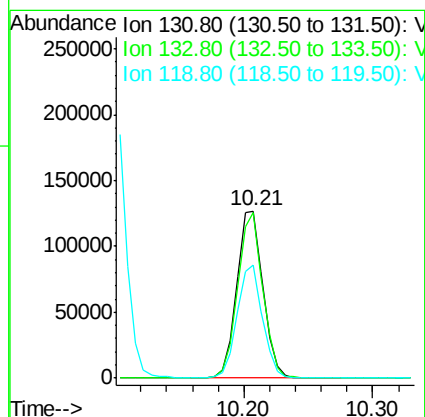
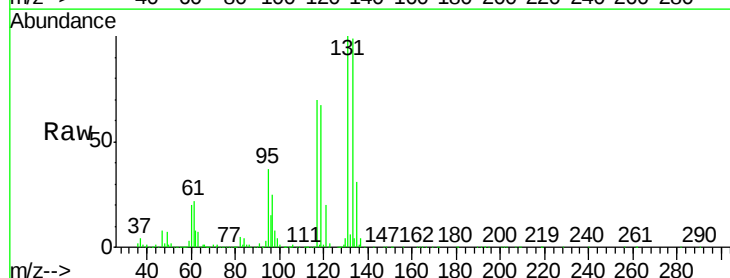
Tgt Ion:131 Resp: 178876

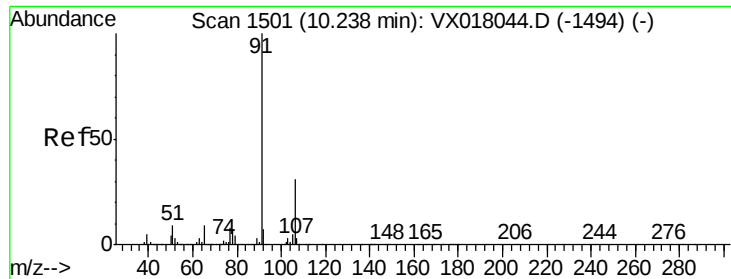
Ion Ratio Lower Upper

131 100

133 95.0 46.7 140.1

119 65.4 31.8 95.4





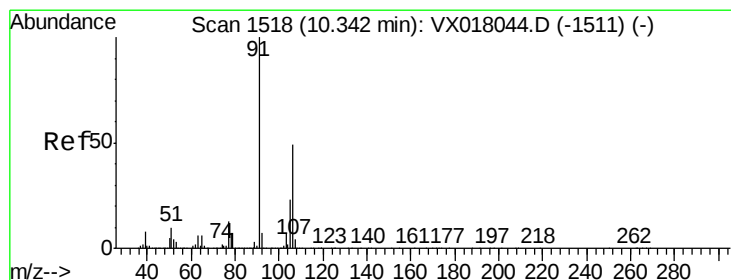
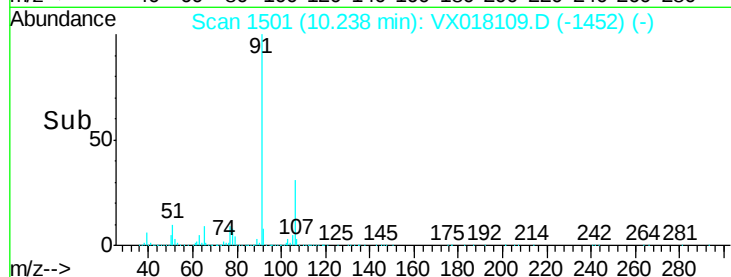
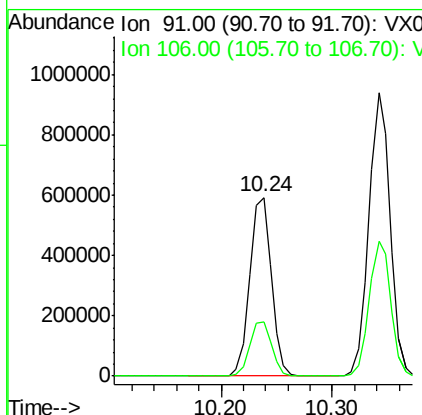
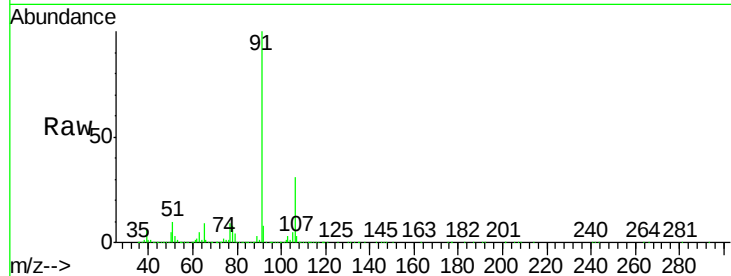
#67
Ethyl Benzene
Concen: 20.949 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampled :
VX0828WBS01

Tot Ion: 91 Resp: 803709
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

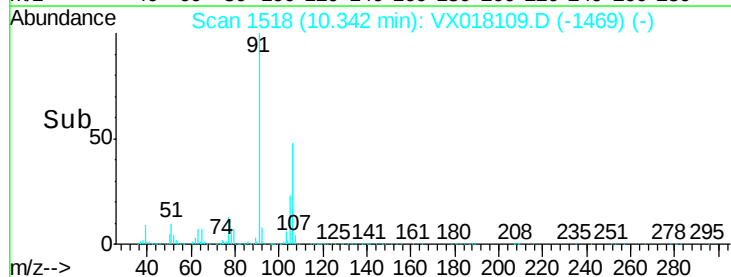
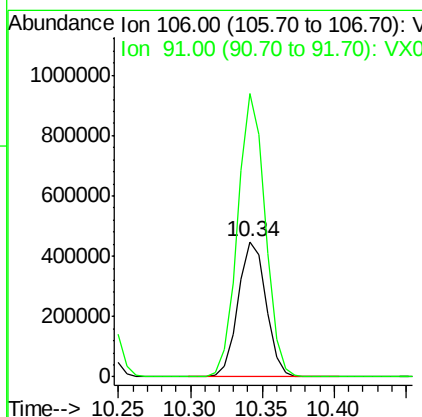
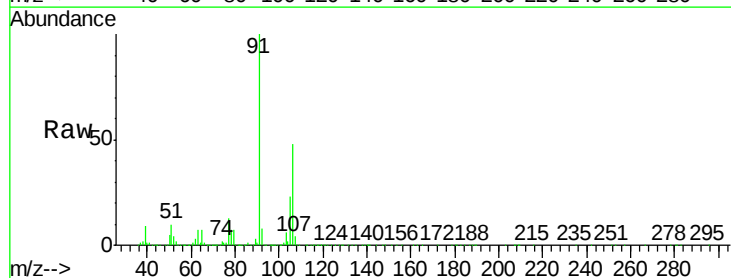
Manual Integrations
APPROVED

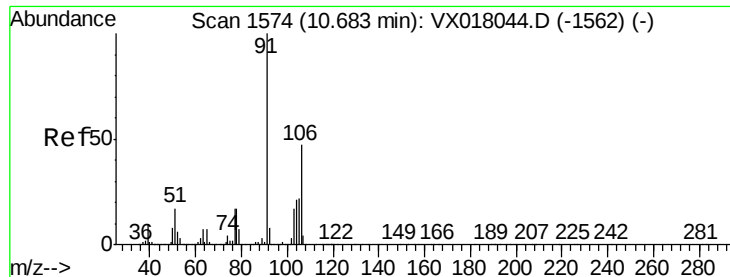
MMDadoda
8/31/2020 8:58:22 AM



#68
m/p-Xylenes
Concen: 42.298 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion: 106 Resp: 605704
Ion Ratio Lower Upper
106 100
91 206.0 162.2 243.2





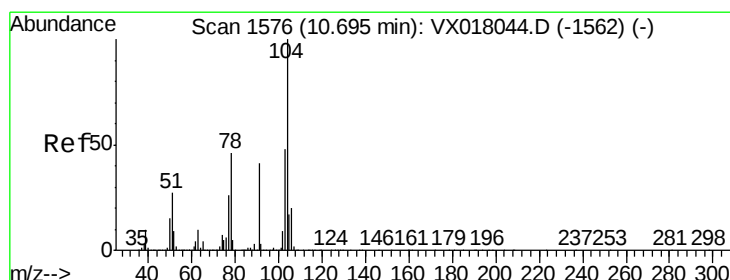
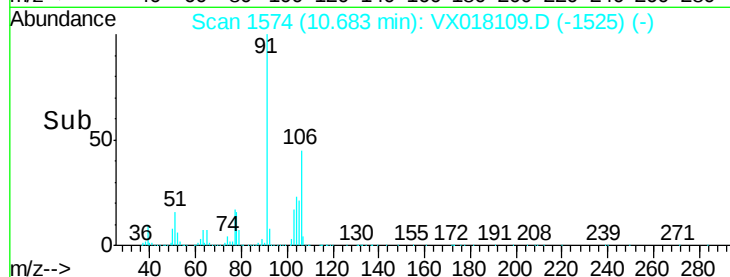
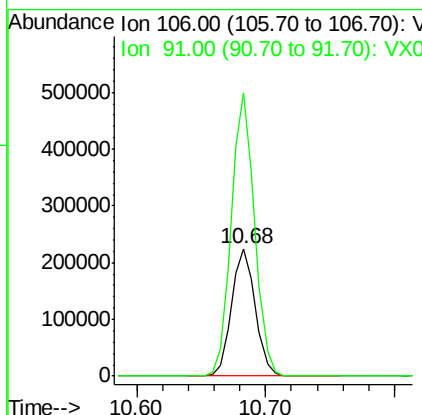
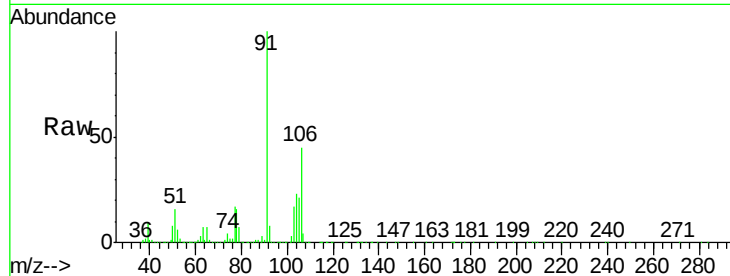
#69
o-Xylene
Concen: 20.899 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampled :
VX0828WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
290111	106	100			
	91	217.0	107.1	321.3	

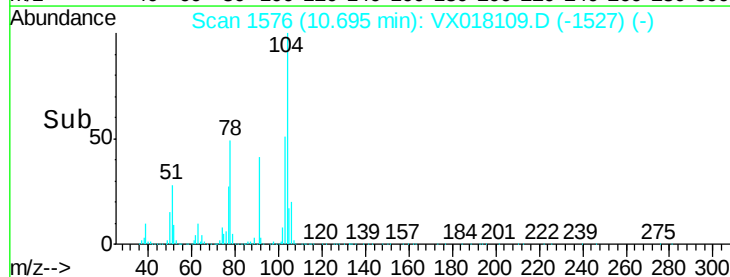
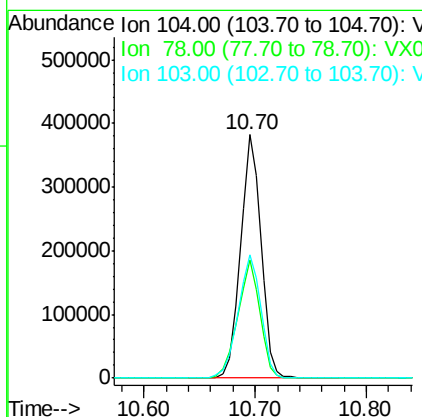
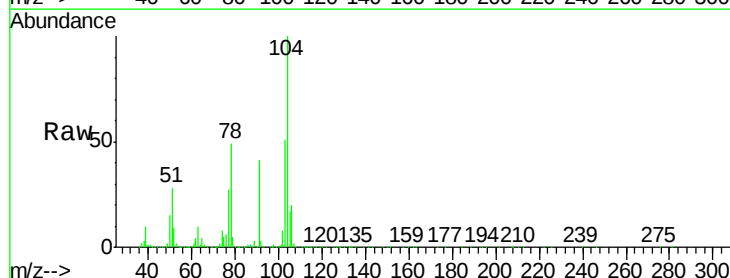
Manual Integrations
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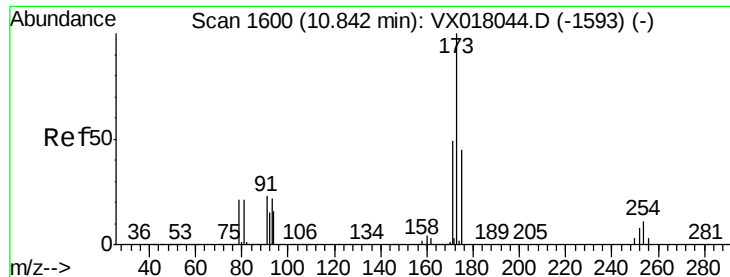
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#70
Styrene
Concen: 20.671 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
488673	104	100			
	78	52.3	40.9	61.3	
	103	56.2	43.6	65.4	





#71

Bromoform

Concen: 19.098 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

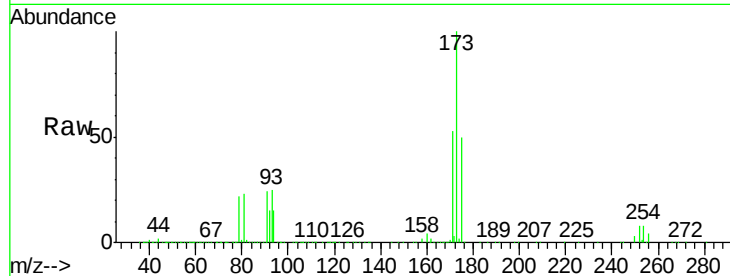
ClientSampleId :

VX0828WBS01

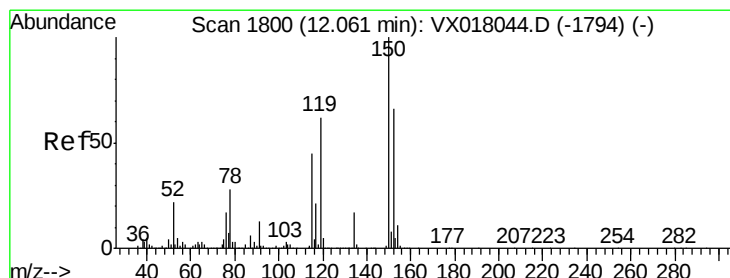
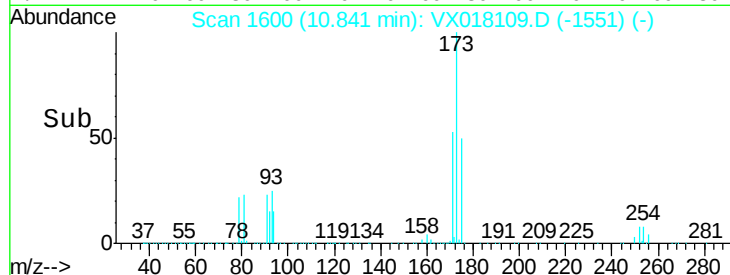
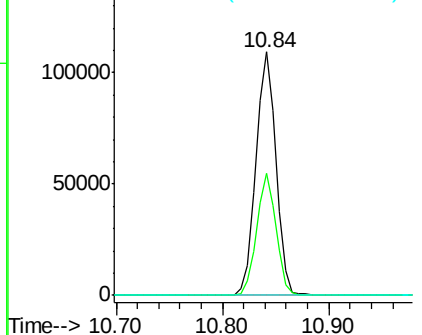
Tot Ion	Ratio	Resp	Lower	Upper
173	100	144845		
175	48.2	23.9	71.8	
254	0.1	0.2	0.2	

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

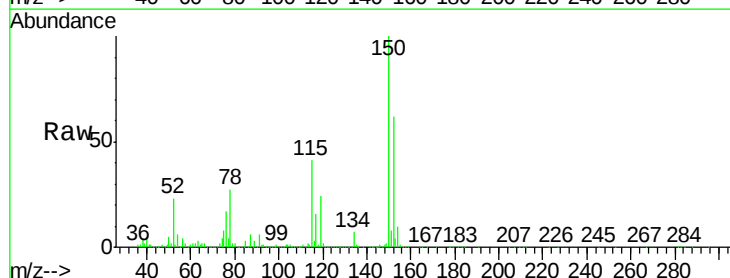
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

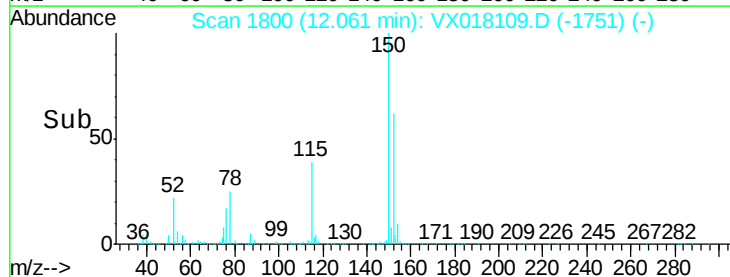
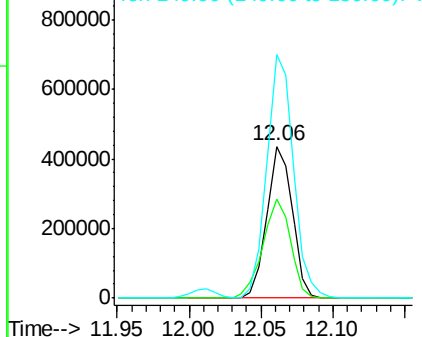
Lab File: VX018109.D

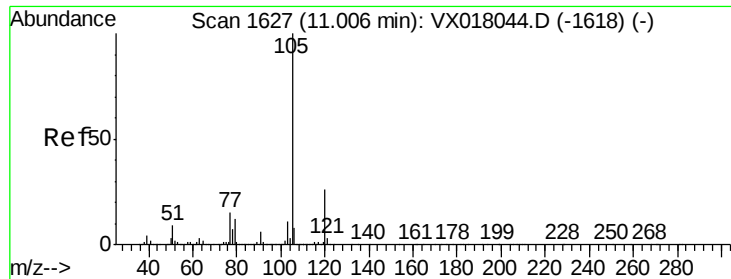
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	533964		
115	70.7	41.5	124.5	
150	167.9	0.0	343.8	



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





#73

Isopropylbenzene

Concen: 22.040 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 105 Resp: 776253

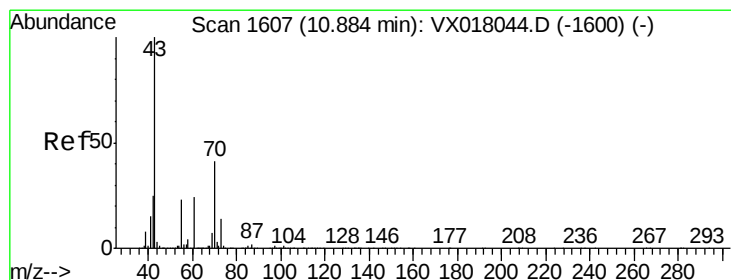
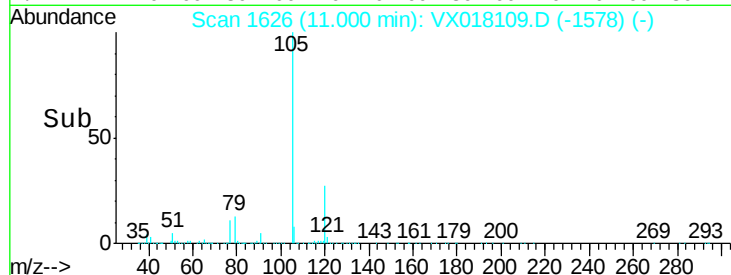
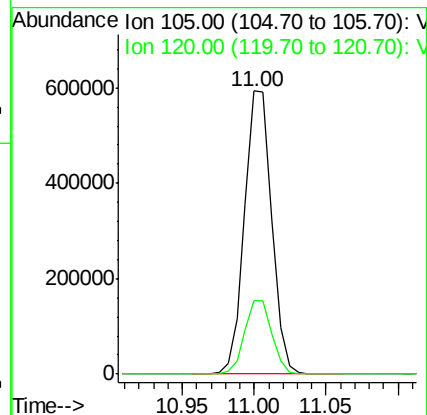
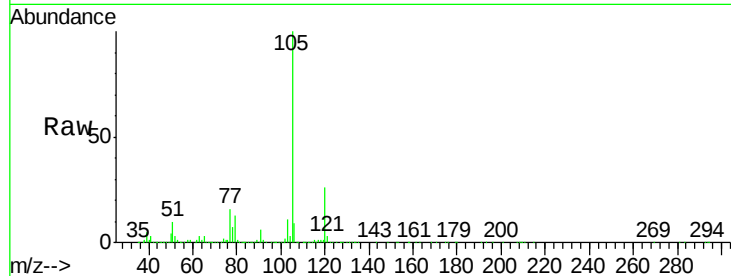
Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 22.084 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion: 43 Resp: 369042

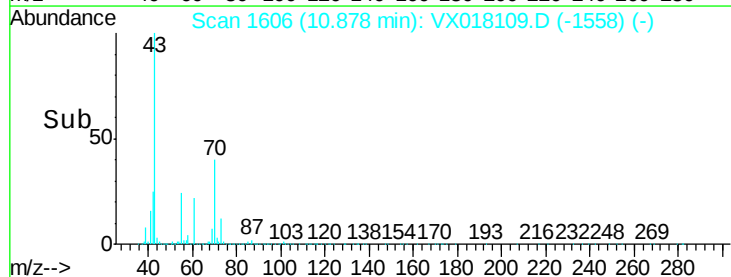
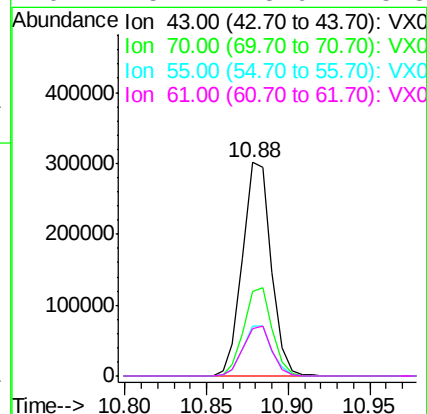
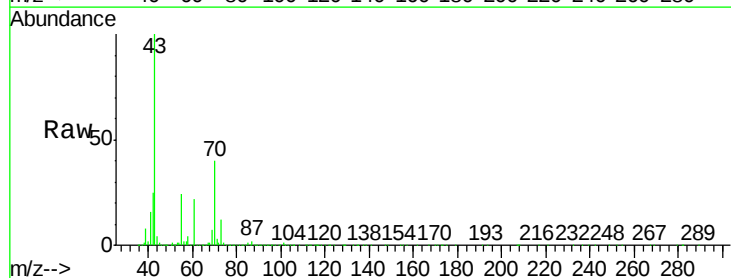
Ion Ratio Lower Upper

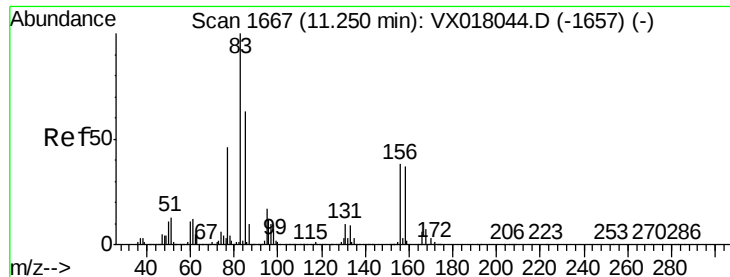
43 100

70 41.0 32.3 48.5

55 23.8 18.2 27.2

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.543 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

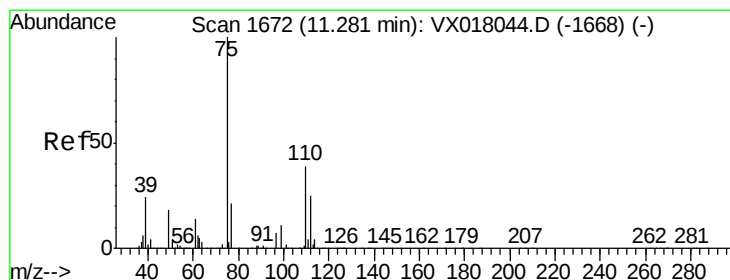
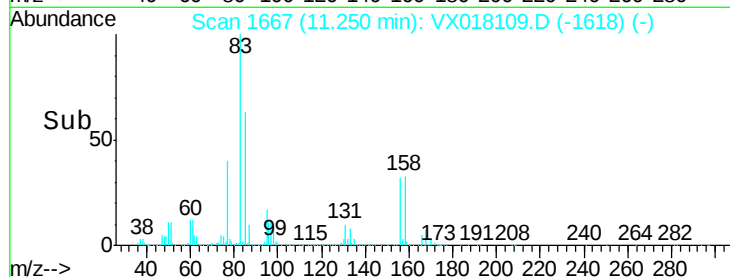
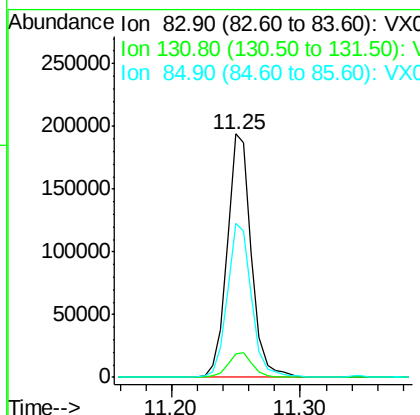
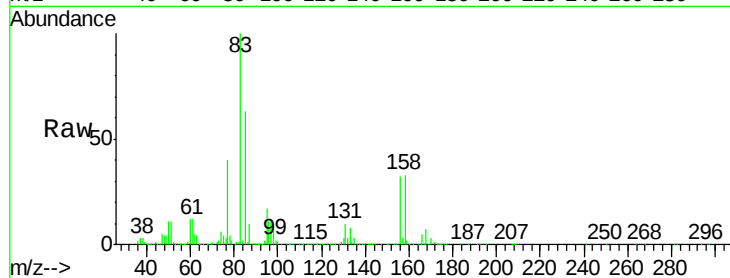
ClientSampled :

VX0828WBS01

Tot Ion:	83	Resp:	255245
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	63.5	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.205 ug/l m

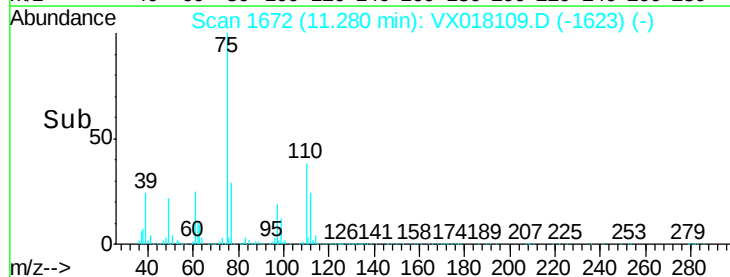
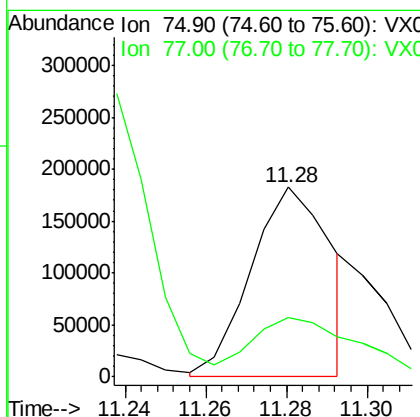
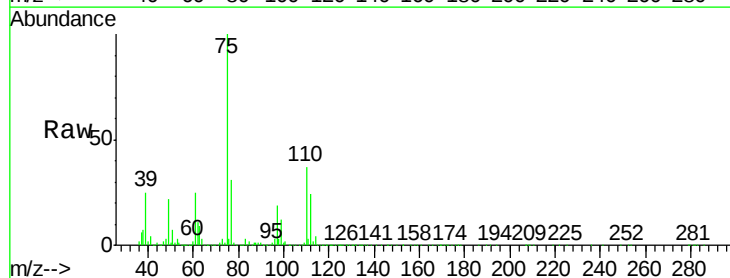
RT: 11.28 min Scan# 1672

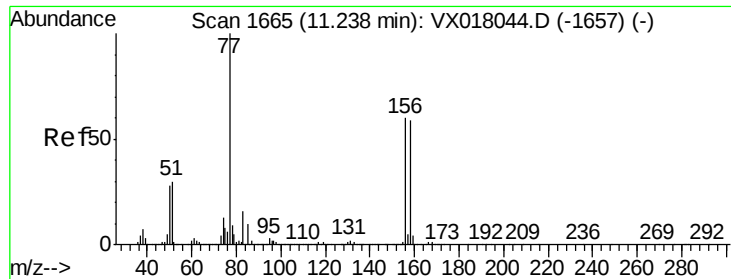
Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion:	75	Resp:	251880
Ion Ratio	Lower	Upper	
75	100		
77	41.2	20.8	62.2





#77

Bromobenzene

Concen: 20.400 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

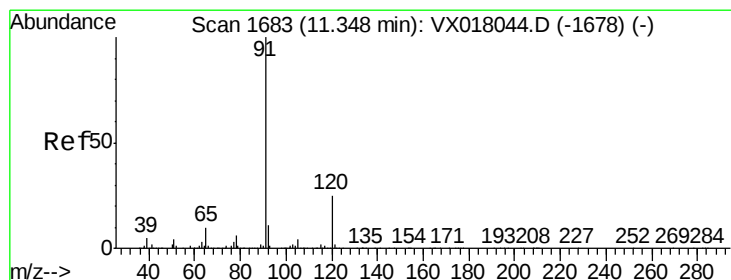
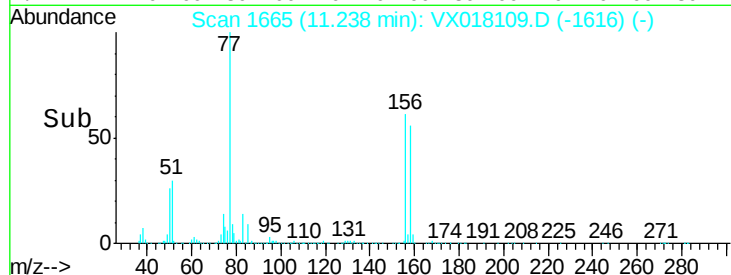
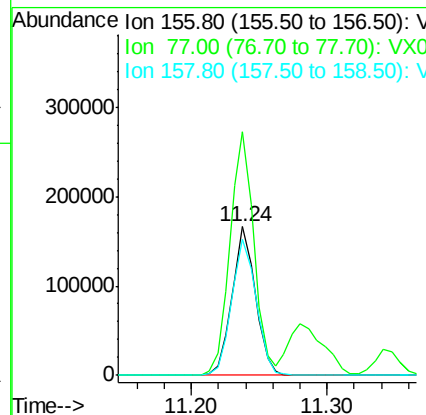
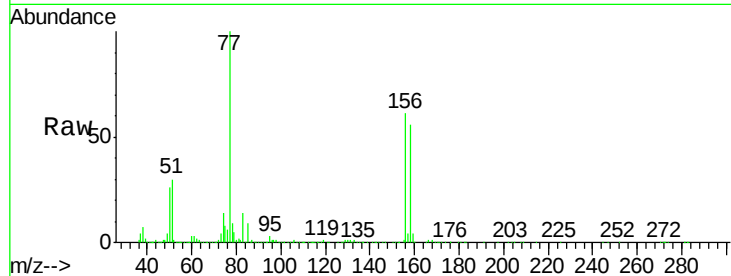
ClientSampleId :

VX0828WBS01

Tot Ion:	156	Resp:	198605
Ion Ratio	Lower	Upper	
156	100		
77	167.2	80.0	240.2
158	96.5	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 22.116 ug/l

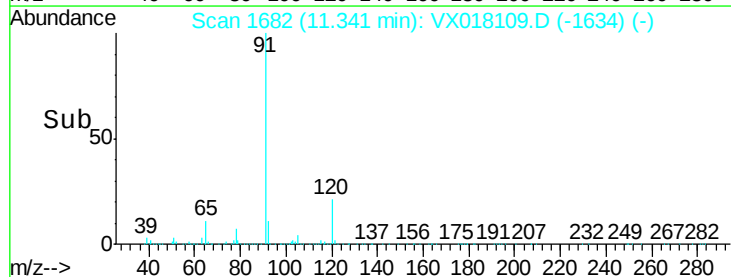
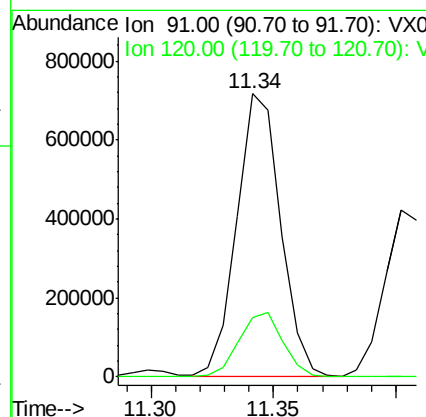
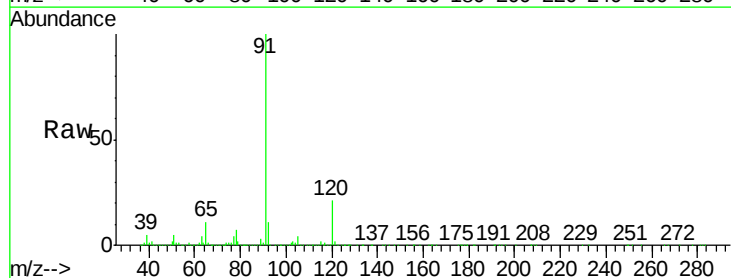
RT: 11.34 min Scan# 1682

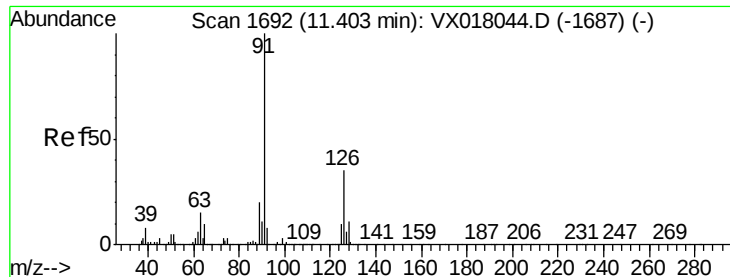
Delta R.T. -0.01 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion:	91	Resp:	884457
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.9	35.9





#79

2-Chlorotoluene

Concen: 21.757 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 91 Resp: 537564

Ion Ratio Lower Upper

91 100

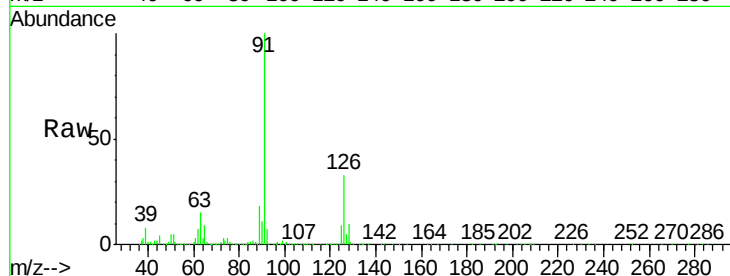
126 34.4 17.4 52.2

Manual Integrations

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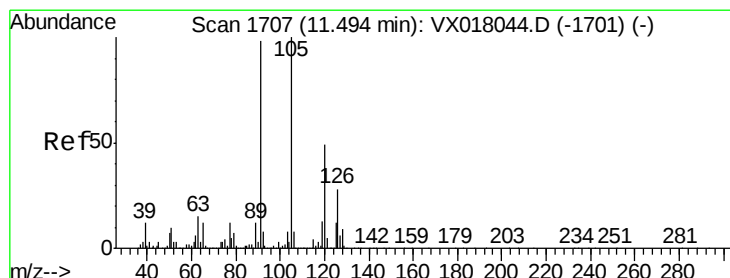
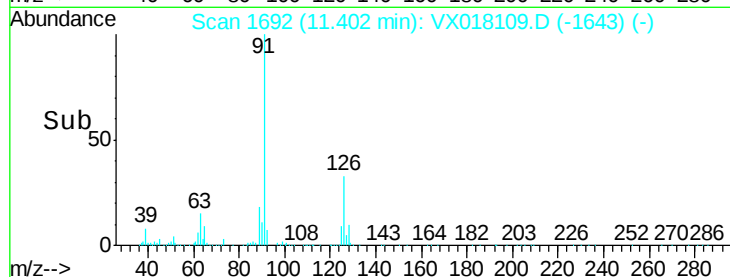
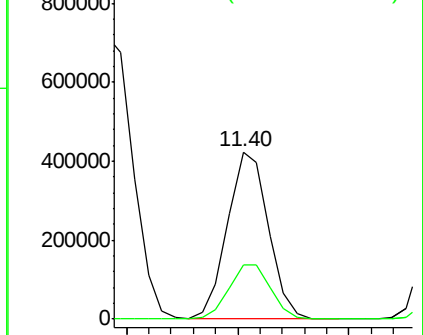
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 22.353 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018109.D

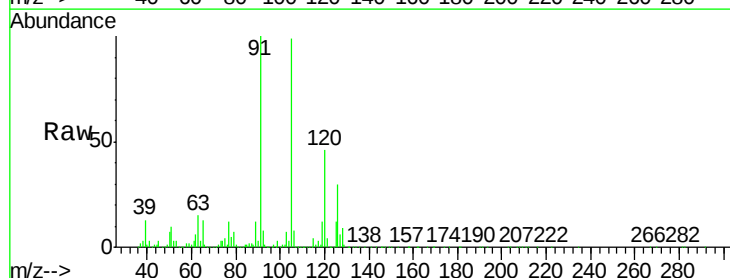
Acq: 28 Aug 2020 10:54

Tgt Ion:105 Resp: 646961

Ion Ratio Lower Upper

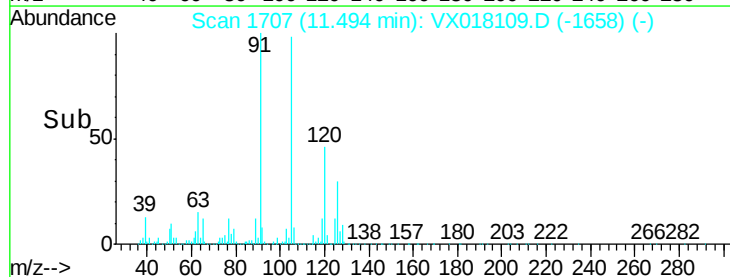
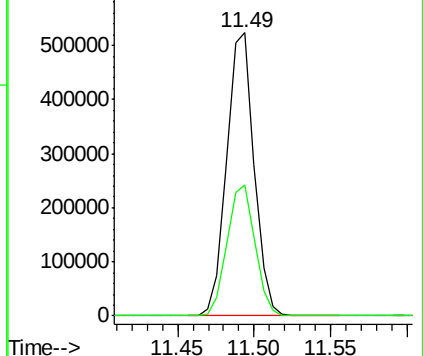
105 100

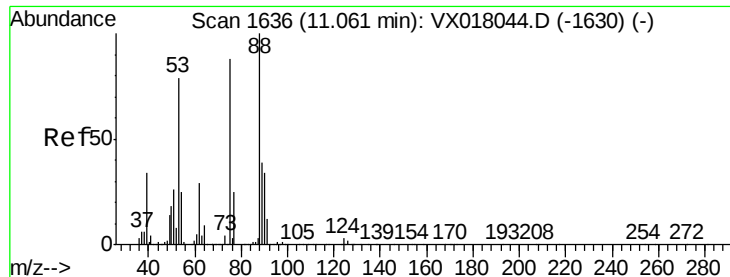
120 47.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 22.241 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0828WBS01

Tot Ion: 75 Resp: 97816

Ion Ratio Lower Upper

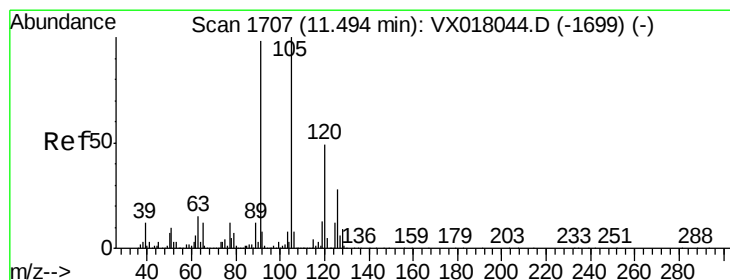
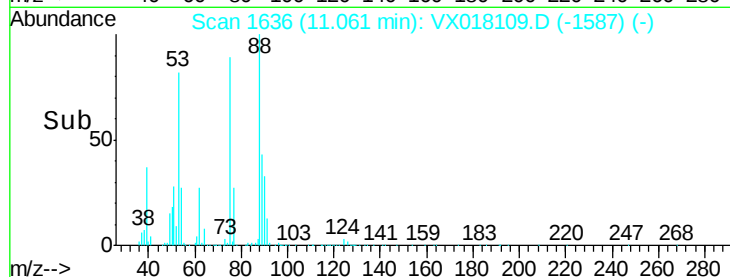
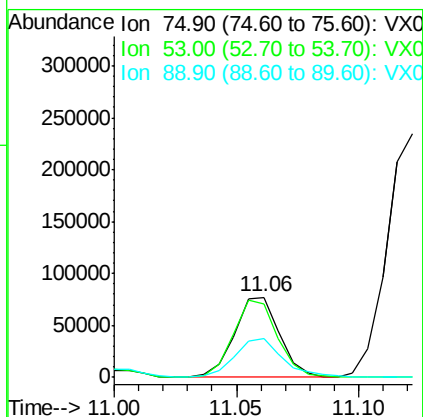
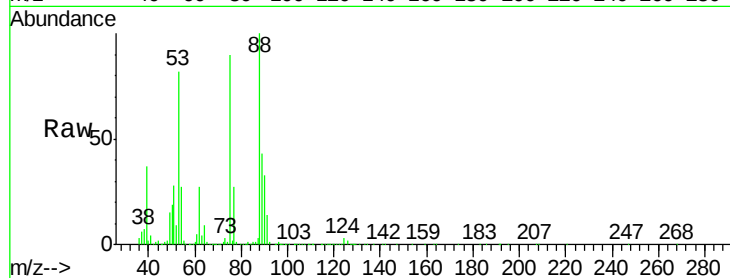
75 100

53 94.3 74.7 112.1

89 51.3 36.6 54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.830 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018109.D

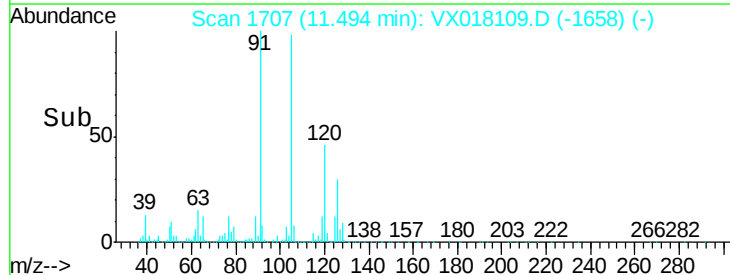
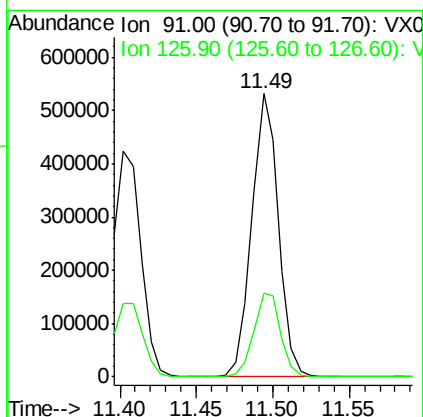
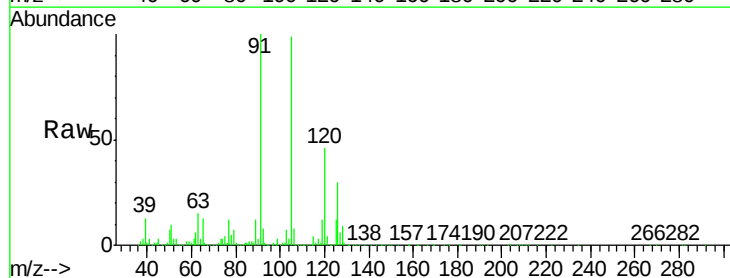
Acq: 28 Aug 2020 10:54

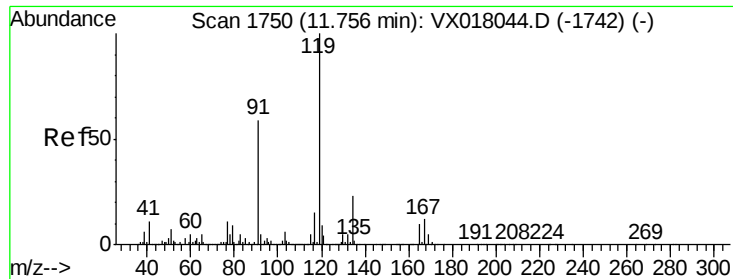
Tgt Ion: 91 Resp: 641218

Ion Ratio Lower Upper

91 100

126 30.1 15.1 45.3





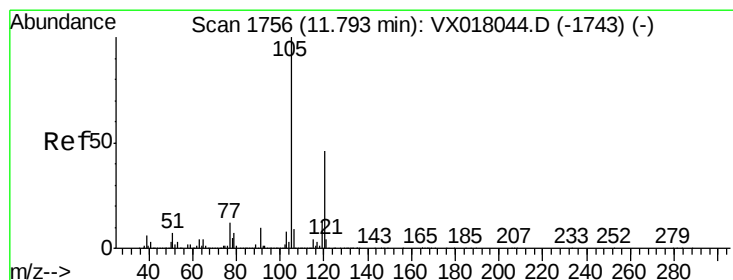
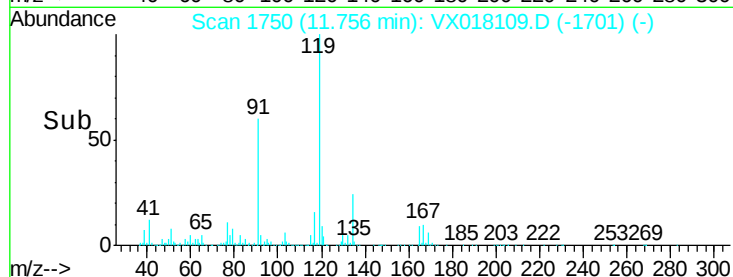
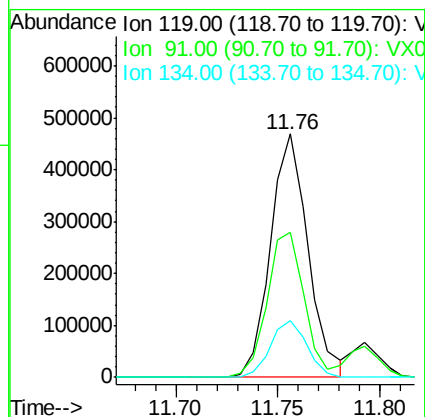
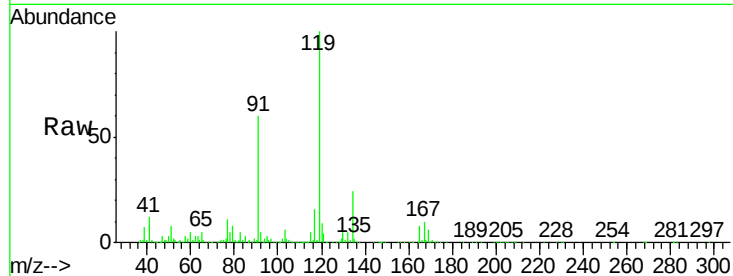
#83
tert-Butylbenzene
Concen: 21.062 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	601593		
91	58.5	28.2	84.7	
134	23.0	11.3	33.8	

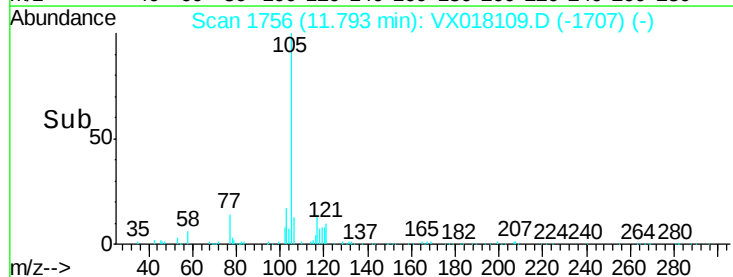
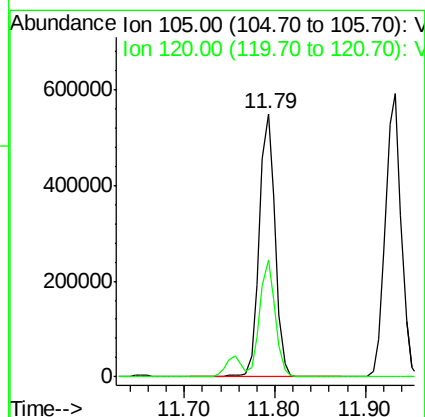
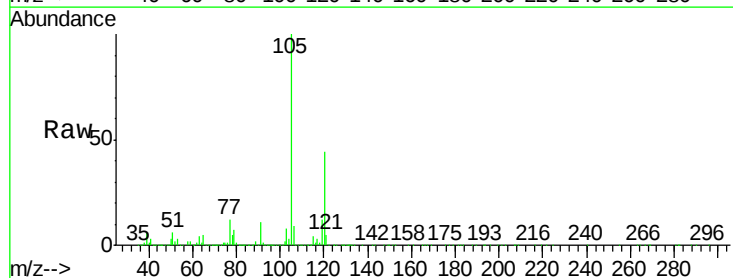
Manual Integrations
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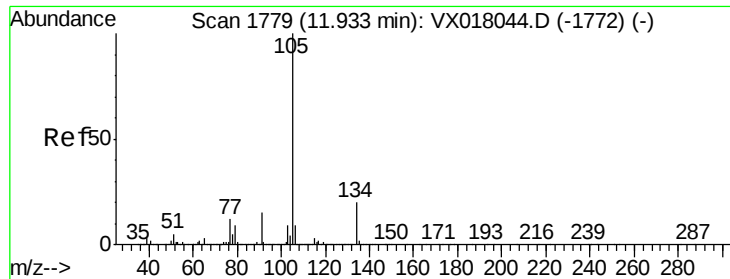
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 22.296 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	659754		
120	43.2	22.3	66.9	





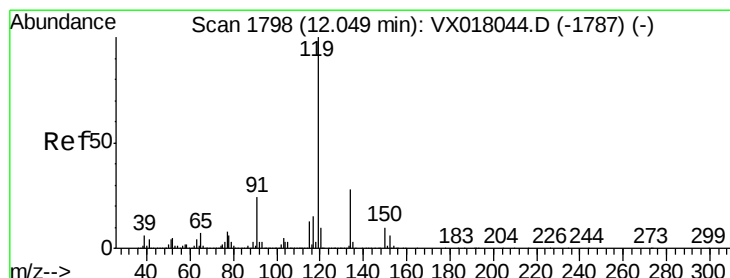
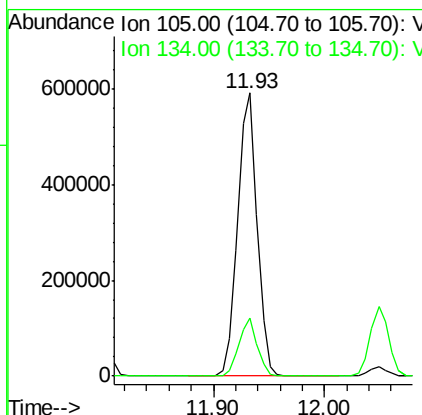
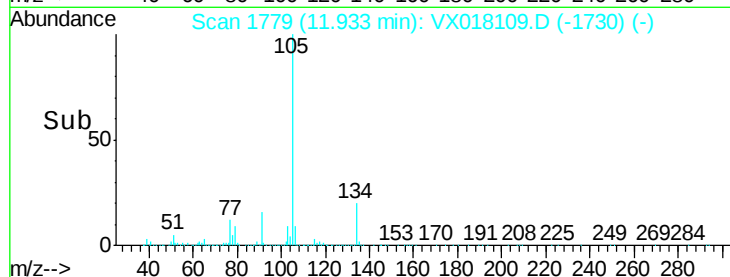
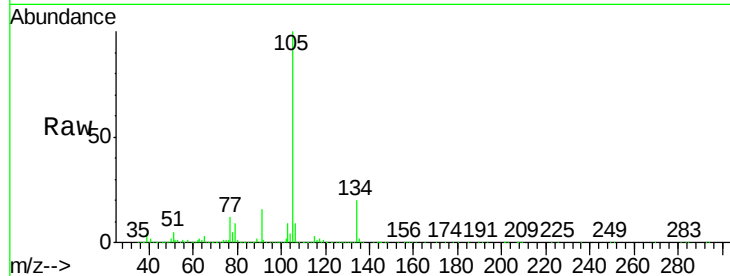
#85
 sec-Butylbenzene
 Concen: 22.004 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	10.1	30.3

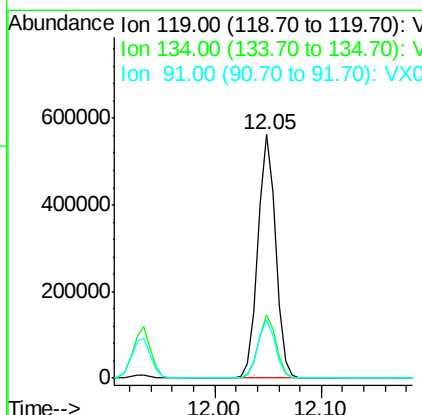
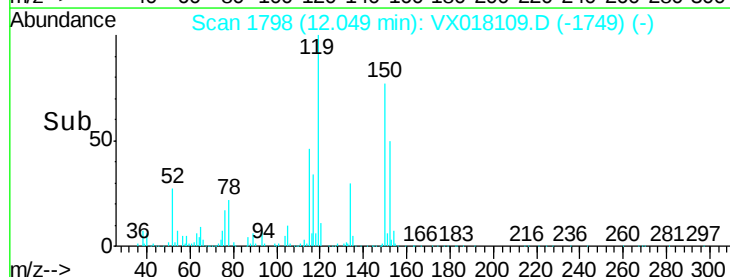
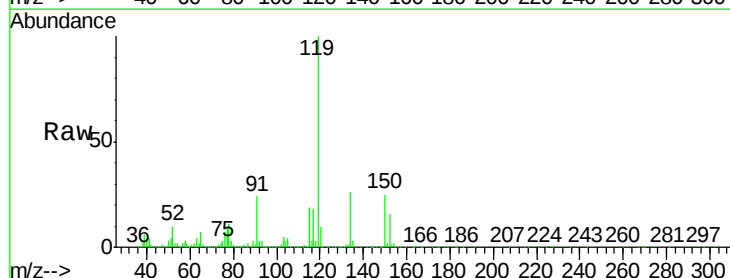
Manual Integrations
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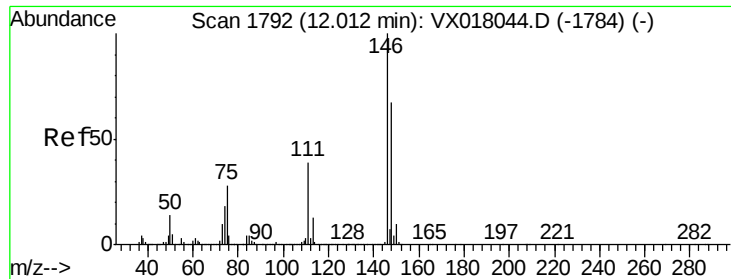
MMDadoda
 8/31/2020 8:58:22 AM



#86
 p-Isopropyltoluene
 Concen: 22.032 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.2	39.5
91	23.9	11.8	35.4





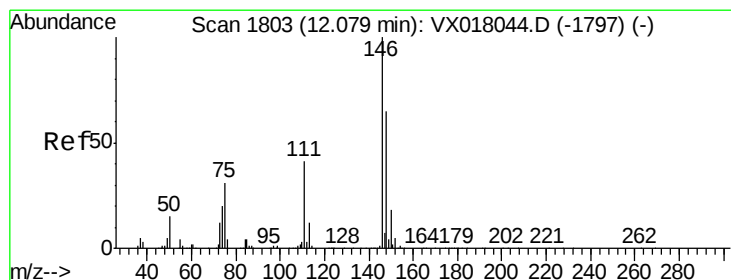
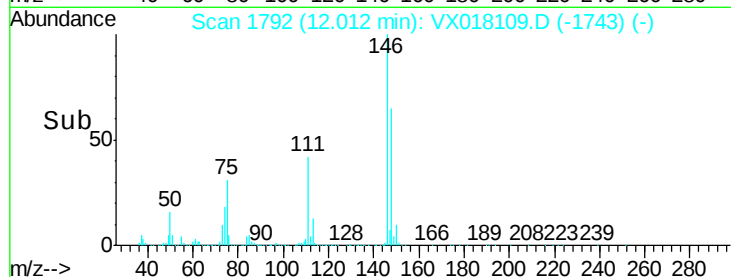
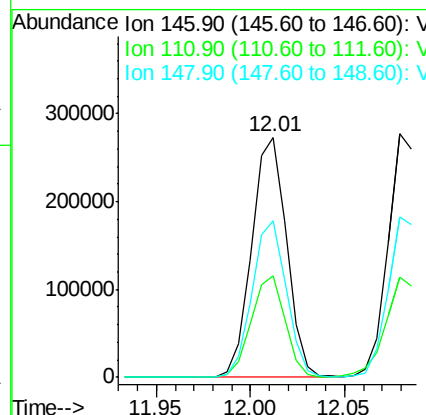
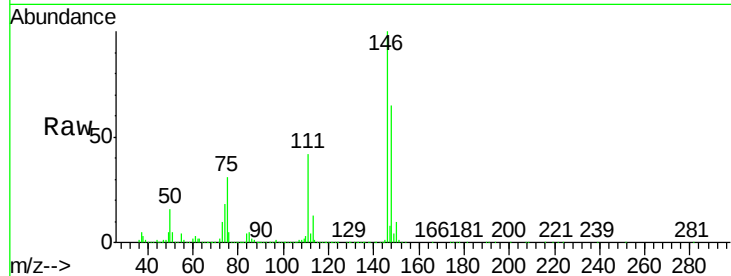
#87
 1,3-Dichlorobenzene
 Concen: 20.541 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	351121		
111	41.2	20.6	61.8	
148	64.1	33.1	99.2	

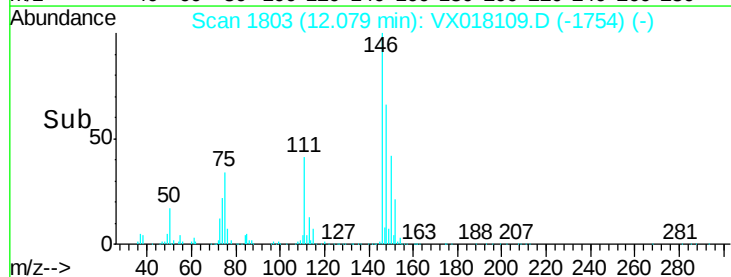
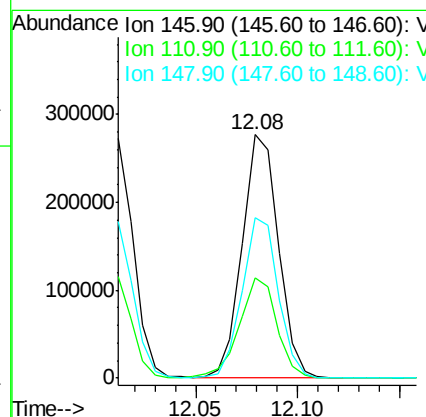
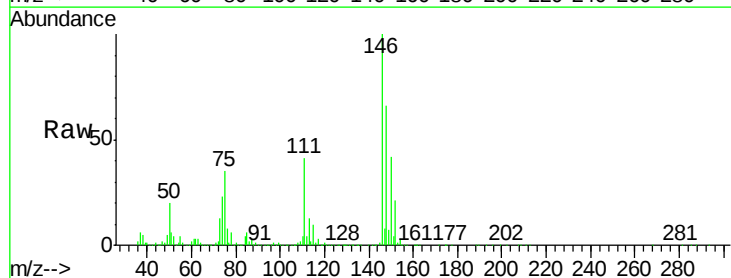
Manual Integrations
 APPROVED

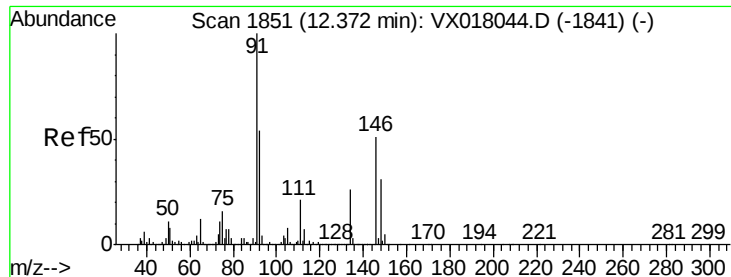
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 19.979 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	341941		
111	42.3	20.3	60.8	
148	65.9	33.1	99.2	





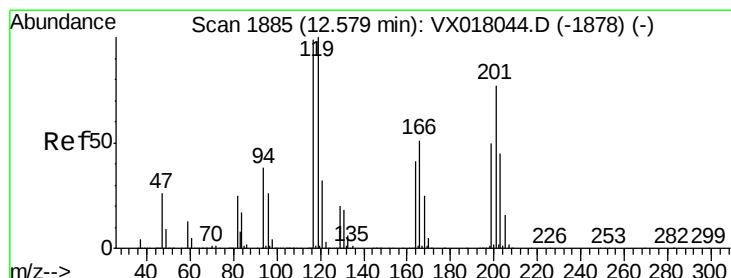
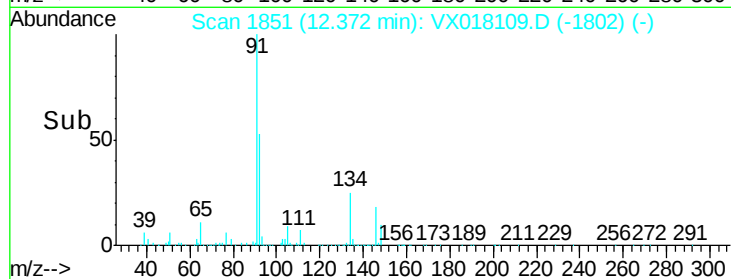
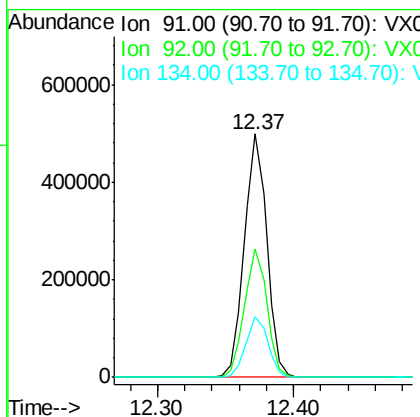
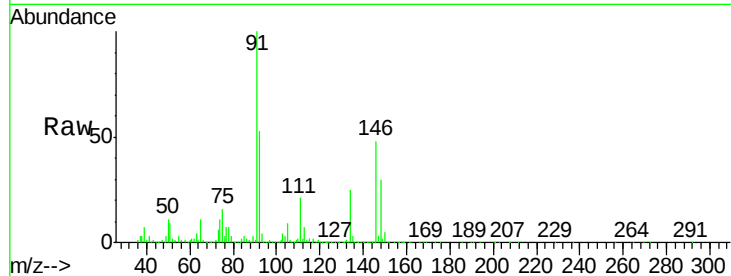
#89
n-Butylbenzene
Concen: 21.170 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	576510		
92	52.9	26.4	79.2	
134	25.0	12.9	38.7	

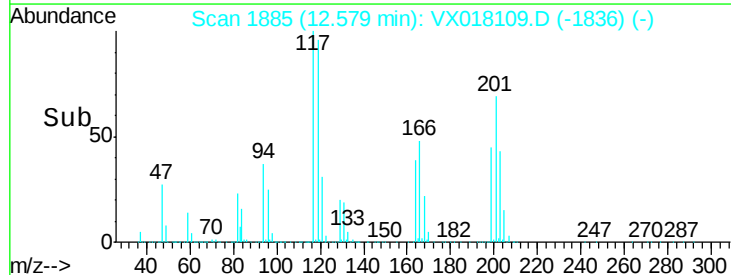
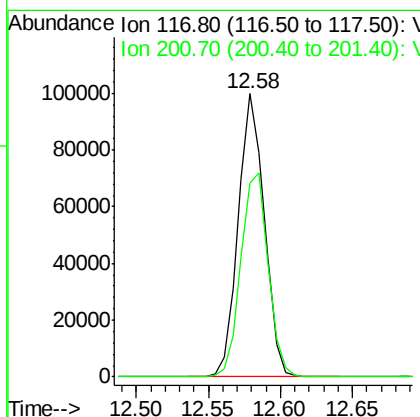
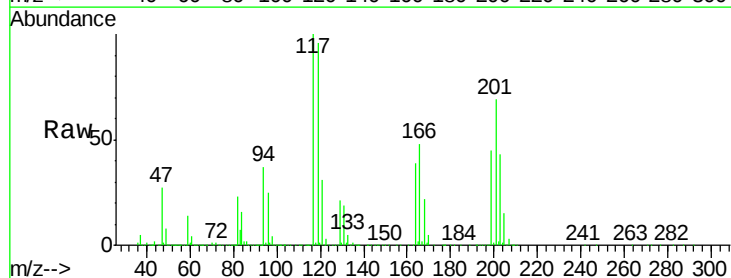
Manual Integrations
APPROVED

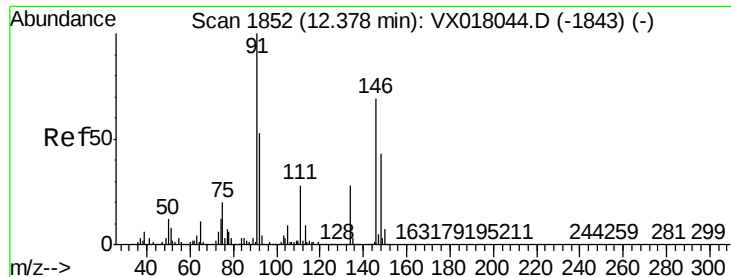
MMDadoda
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#90
Hexachloroethane
Concen: 21.432 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125810		
201	75.1	38.5	115.3	





#91

1,2-Dichlorobenzene

Concen: 20.811 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Instrument :

MSVOA_X

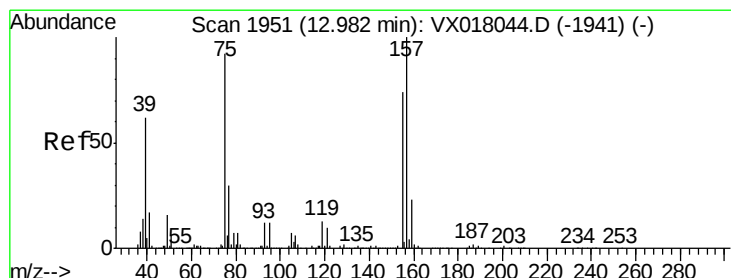
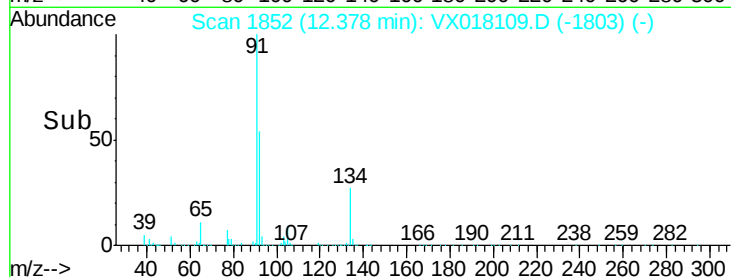
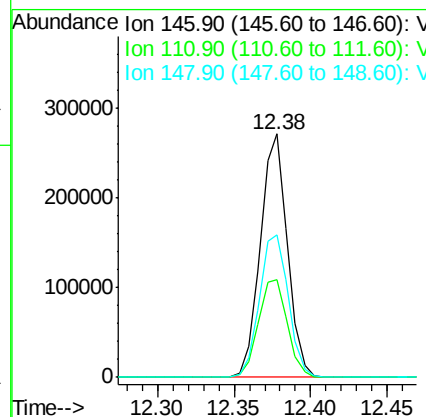
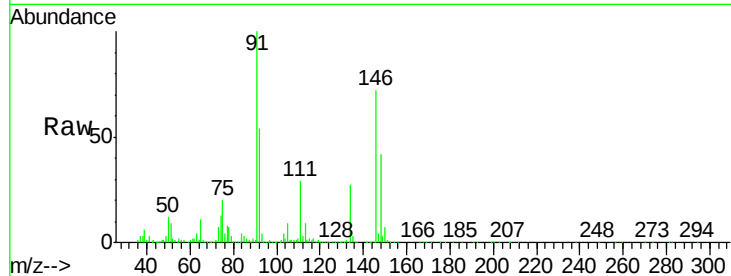
ClientSampleId :

VX0828WBS01

Tot Ion:	146	Resp:	334850
Ion Ratio	Lower	Upper	
146	100		
111	43.3	20.8	62.5
148	62.4	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.396 ug/l

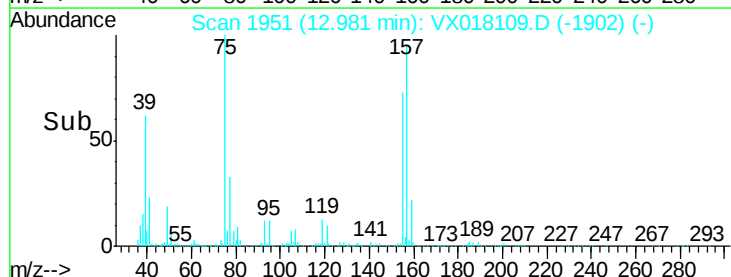
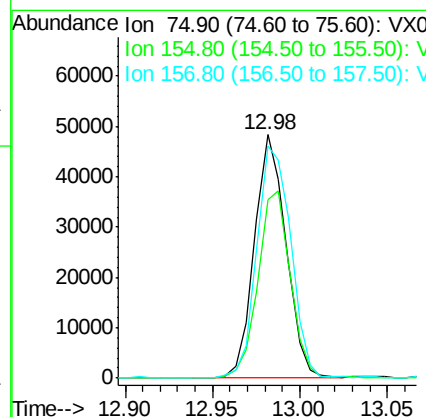
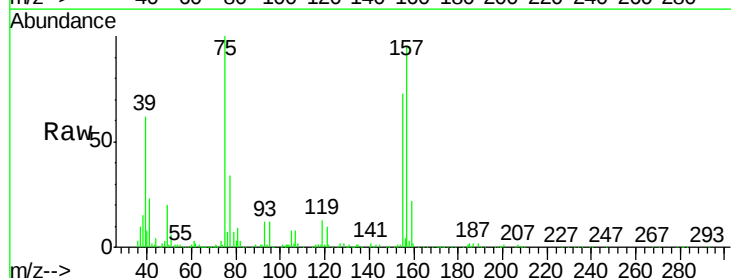
RT: 12.98 min Scan# 1951

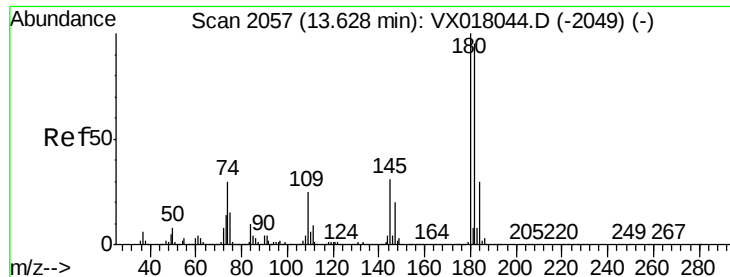
Delta R.T. -0.00 min

Lab File: VX018109.D

Acq: 28 Aug 2020 10:54

Tgt Ion:	75	Resp:	60258
Ion Ratio	Lower	Upper	
75	100		
155	79.2	40.2	120.6
157	102.5	55.0	165.2





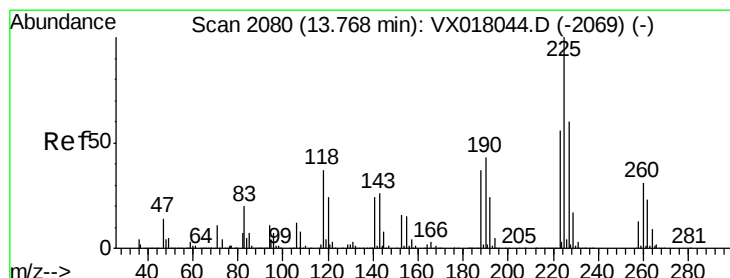
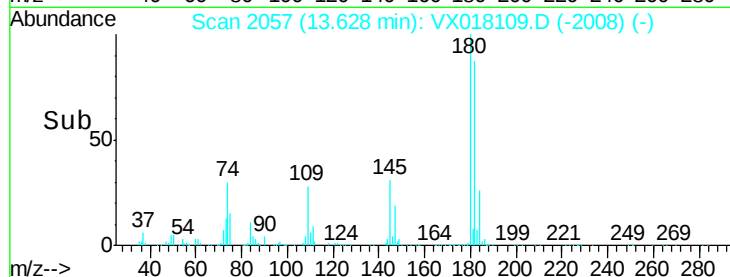
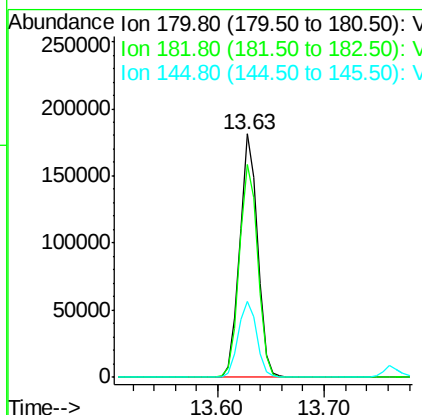
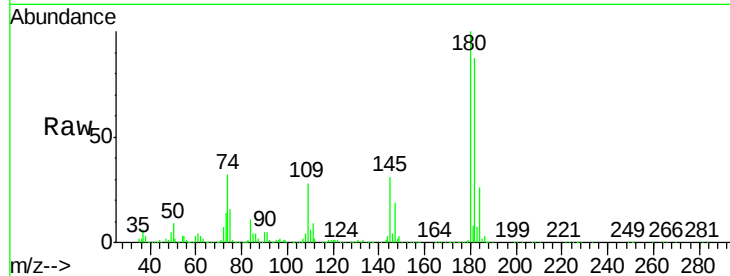
#93
 1,2,4-Trichlorobenzene
 Concen: 19.993 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0828WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	214512		
182	90.0	47.5	142.6	
145	32.3	15.7	47.1	

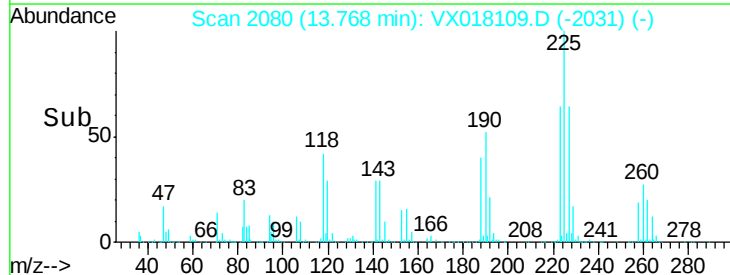
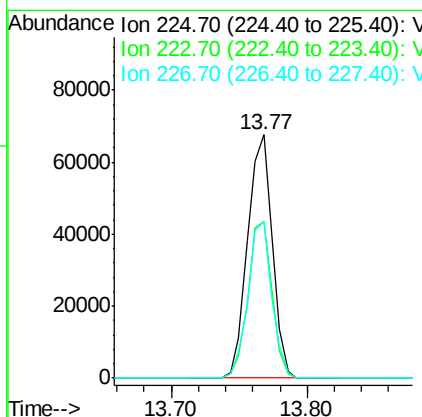
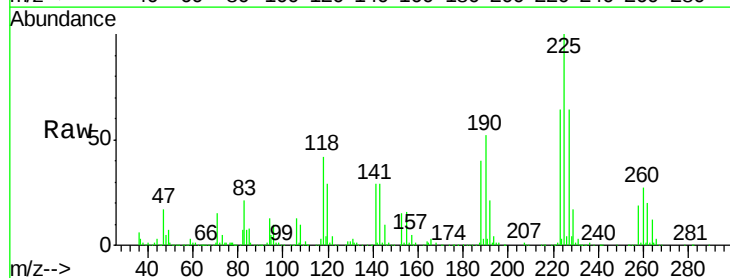
Manual Integrations
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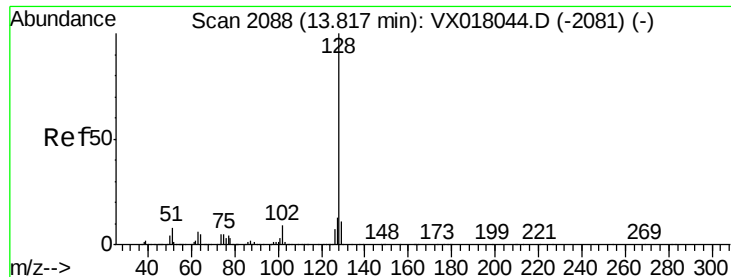
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#94
 Hexachlorobutadiene
 Concen: 20.318 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018109.D
 Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85985		
223	62.9	30.7	92.1	
227	62.4	32.6	97.8	





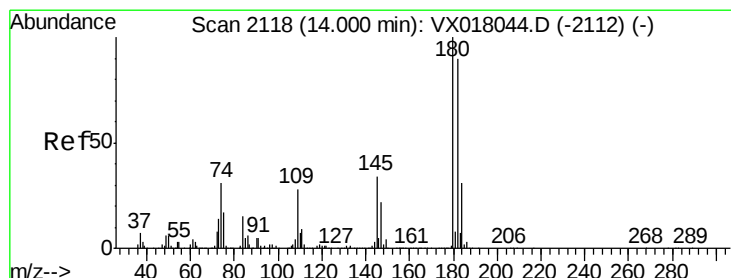
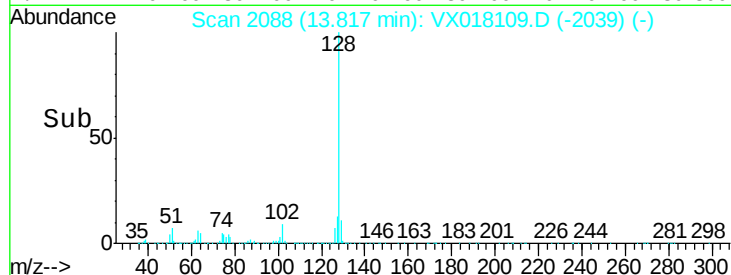
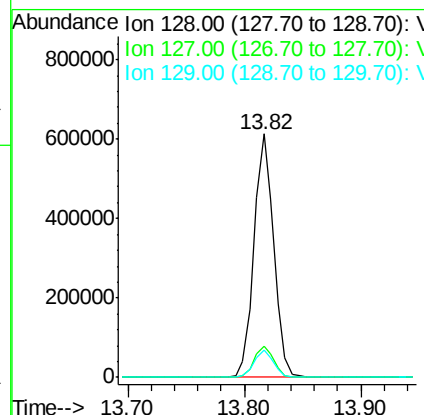
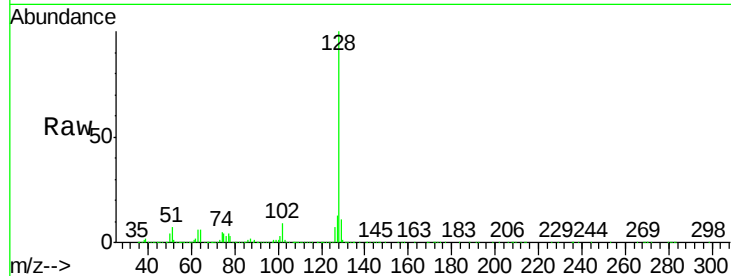
#95
Naphthalene
Concen: 20.545 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0828WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.098 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018109.D
Acq: 28 Aug 2020 10:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	142.0
145	36.5	17.5	52.6

