

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102720\
 Data File : VX019142.D
 Acq On : 27 Oct 2020 17:33
 Operator : JC/MD
 Sample : VX1027WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 12:15:26 PM

Quant Time: Oct 28 02:39:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203750	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	171560	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	5.46	113	137349	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	8.70	98	522620	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.12	95	195921	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	42654	18.479	ug/l	99
3) Chloromethane	1.31	50	48458	18.791	ug/l	100
4) Vinyl Chloride	1.39	62	56153	18.776	ug/l	98
5) Bromomethane	1.64	94	43422	21.260	ug/l	97
6) Chloroethane	1.71	64	36661	19.199	ug/l	99
7) Trichlorofluoromethane	1.92	101	88643	18.866	ug/l	97
8) Diethyl Ether	2.17	74	34784	19.290	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48951	18.796	ug/l	98
10) Methyl Iodide	2.50	142	42788	18.522	ug/l	100
11) Tert butyl alcohol	3.03	59	66461	94.233	ug/l	99
12) 1,1-Dichloroethene	2.35	96	48767	18.172	ug/l	96
13) Acrolein	2.28	56	24426	81.359	ug/l	99
14) Allyl chloride	2.71	41	75269	18.517	ug/l	99
15) Acrylonitrile	3.12	53	143612	96.901	ug/l	100
16) Acetone	2.42	43	116738	94.765	ug/l	97
17) Carbon Disulfide	2.55	76	135675	18.226	ug/l	100
18) Methyl Acetate	2.75	43	56719	18.934	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	175700	18.896	ug/l	100
20) Methylene Chloride	2.84	84	56317	18.210	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	55446	17.952	ug/l	92
22) Diisopropyl ether	3.82	45	157277	19.408	ug/l	96
23) Vinyl Acetate	3.78	43	695828	96.289	ug/l	98
24) 1,1-Dichloroethane	3.67	63	95391	18.853	ug/l	99
25) 2-Butanone	4.63	43	188167	96.922	ug/l	98
26) 2,2-Dichloropropane	4.55	77	85966	18.073	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	63104	18.284	ug/l	98
28) Bromochloromethane	4.98	49	42274	18.379	ug/l #	95
29) Tetrahydrofuran	5.09	42	120699	98.653	ug/l	100
30) Chloroform	5.18	83	102131	18.964	ug/l	100
31) Cyclohexane	5.55	56	82896	18.365	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	92379	18.920	ug/l	99
36) 1,1-Dichloropropene	5.77	75	77154	18.261	ug/l	99
37) Ethyl Acetate	4.79	43	75825	19.329	ug/l	100
38) Carbon Tetrachloride	5.76	117	78787	18.295	ug/l	95

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Manual Integrations
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Quant Time: Oct 28 02:39:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91877	18.187	ug/l	96
40) Benzene	6.12	78	226974	18.947	ug/l	100
41) Methacrylonitrile	5.01	41	39292	18.599	ug/l	99
42) 1,2-Dichloroethane	6.16	62	83281	18.864	ug/l	100
43) Isopropyl Acetate	6.41	43	123292	18.770	ug/l	100
44) Trichloroethene	7.19	130	61612	17.959	ug/l	96
45) 1,2-Dichloropropane	7.49	63	56736	19.337	ug/l	97
46) Dibromomethane	7.63	93	40025	18.447	ug/l	99
47) Bromodichloromethane	7.87	83	79755	18.649	ug/l	99
48) Methyl methacrylate	7.74	41	60094	19.008	ug/l	99
49) 1,4-Dioxane	7.73	88	27431	390.158	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	375587	99.487	ug/l	100
52) Toluene	8.76	92	146677	19.011	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	87163	17.844	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	95237	18.541	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	57983	19.021	ug/l	99
56) Ethyl methacrylate	9.16	69	87324	18.965	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98253	19.117	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	237144	92.090	ug/l	98
59) 2-Hexanone	9.47	43	284833	99.116	ug/l	99
60) Dibromochloromethane	9.57	129	63496	19.193	ug/l	97
61) 1,2-Dibromoethane	9.65	107	62327	19.120	ug/l	98
64) Tetrachloroethene	9.32	164	56608	18.347	ug/l	97
65) Chlorobenzene	10.12	112	153995	18.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	56173	18.852	ug/l	97
67) Ethyl Benzene	10.23	91	280241	19.001	ug/l	99
68) m/p-Xylenes	10.34	106	211734	38.250	ug/l	99
69) o-Xylene	10.68	106	101241	19.283	ug/l	100
70) Styrene	10.69	104	169395	18.909	ug/l	100
71) Bromoform	10.84	173	42045	17.797	ug/l #	98
73) Isopropylbenzene	11.00	105	275169	19.079	ug/l	99
74) N-amyl acetate	10.88	43	101754	19.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	87784	19.476	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	81070m	19.270	ug/l	
77) Bromobenzene	11.24	156	66209	18.497	ug/l	96
78) n-propylbenzene	11.34	91	312744	18.996	ug/l	100
79) 2-Chlorotoluene	11.40	91	184598	19.045	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	229725	18.855	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	27624	17.289	ug/l	98
82) 4-Chlorotoluene	11.49	91	218036	18.421	ug/l	99
83) tert-Butylbenzene	11.76	119	221914	19.022	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	230331	18.725	ug/l	99
85) sec-Butylbenzene	11.93	105	265988	19.010	ug/l	99
86) p-Isopropyltoluene	12.05	119	245262	18.991	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	121287	18.195	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	121300	17.481	ug/l	98
89) n-Butylbenzene	12.37	91	218925	18.034	ug/l	99
90) Hexachloroethane	12.58	117	40522	18.460	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	119958	18.741	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19809	17.952	ug/l	98

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MSVOA_X
ClientSampleId :
VX1027WBS01

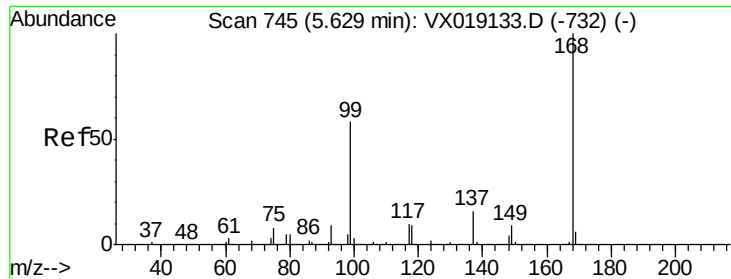
Manual Integrations
APPROVED

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10/28/2020 12:15:26 PM

Quant Time: Oct 28 02:39:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
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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	80367	16.716	ug/l	96
94) Hexachlorobutadiene	13.76	225	36270	17.137	ug/l	97
95) Naphthalene	13.82	128	265094	17.507	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	80270	17.210	ug/l	100

(#) = 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: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion:168 Resp: 276887

Ion Ratio Lower Upper

168 100

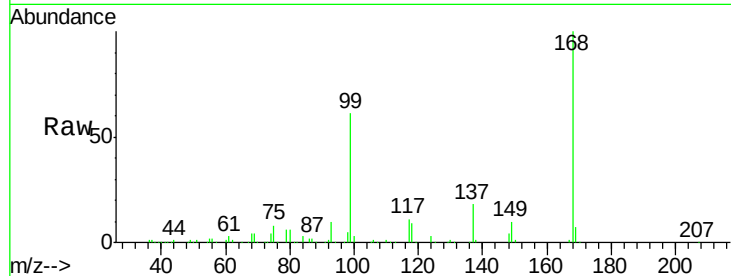
99 60.7 46.6 69.8

Manual Integrations

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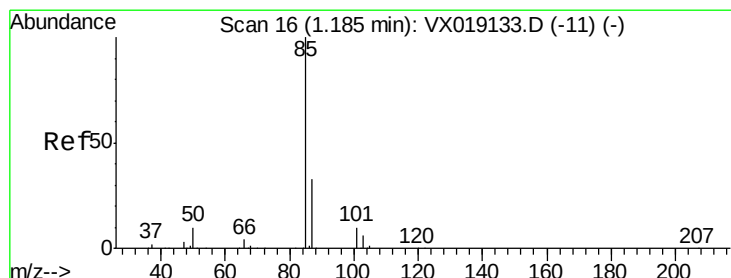
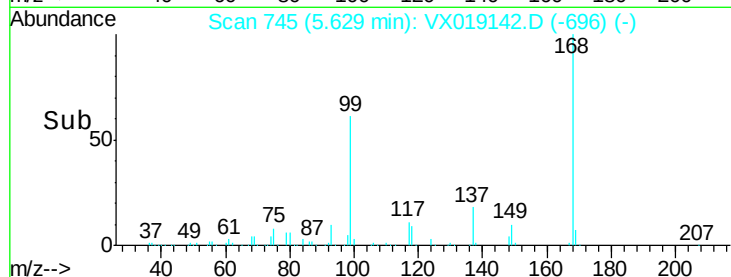
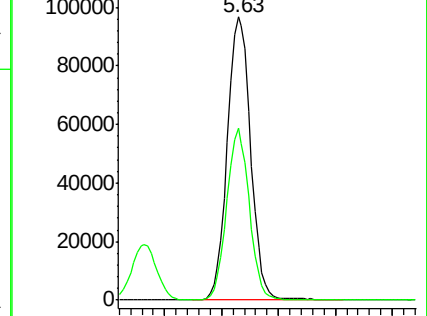
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.479 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019142.D

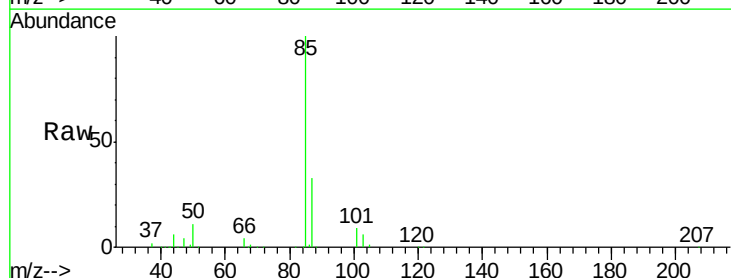
Acq: 27 Oct 2020 17:33

Tgt Ion: 85 Resp: 42654

Ion Ratio Lower Upper

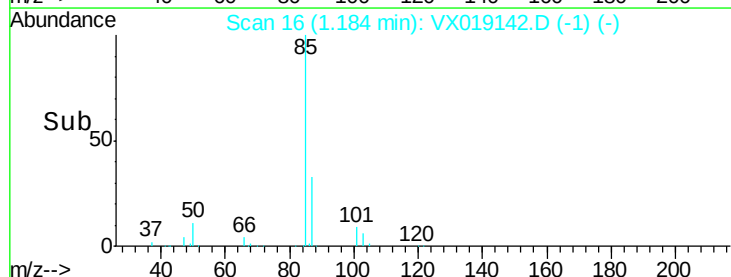
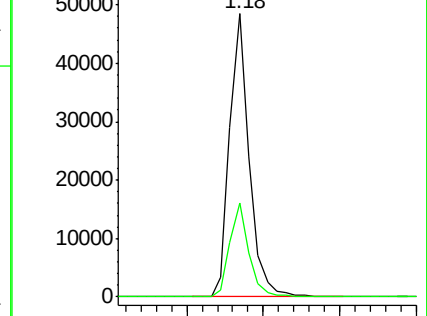
85 100

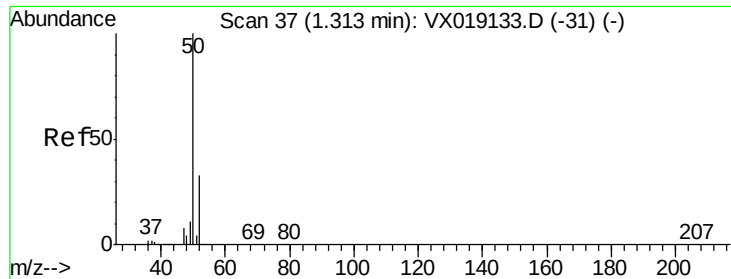
87 33.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.791 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion: 50 Resp: 48458

Ion Ratio Lower Upper

50 100

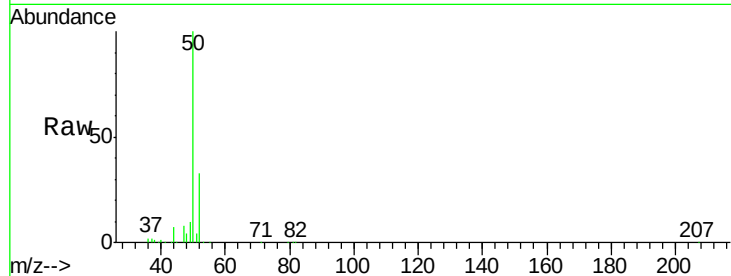
52 33.3 26.8 40.2

Manual Integrations

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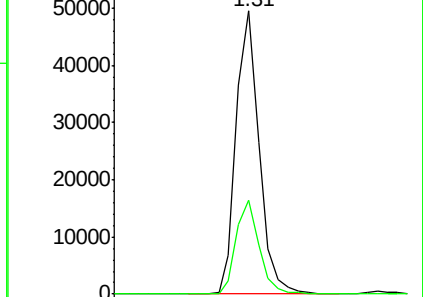
MMDadoda

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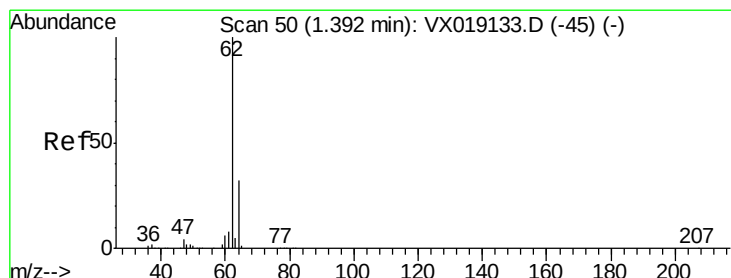
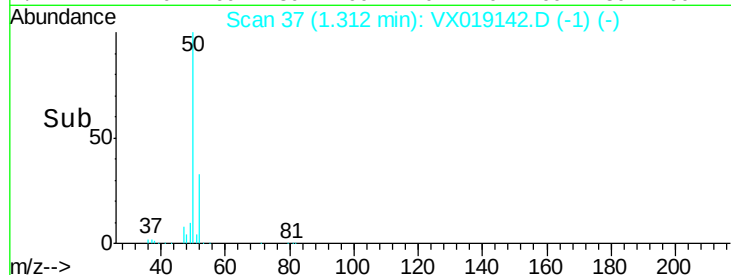


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 18.776 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019142.D

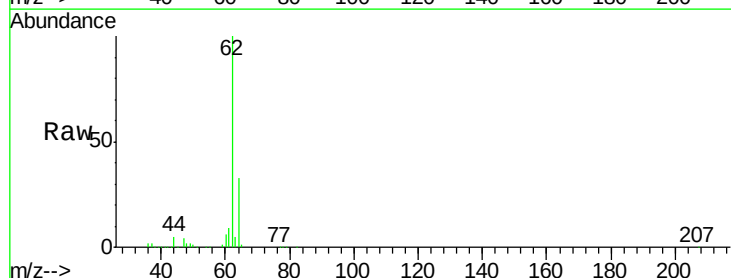
Acq: 27 Oct 2020 17:33

Tgt Ion: 62 Resp: 56153

Ion Ratio Lower Upper

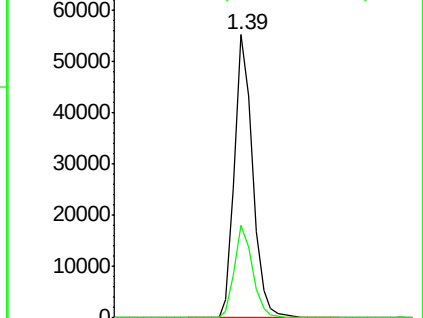
62 100

64 32.6 25.4 38.0

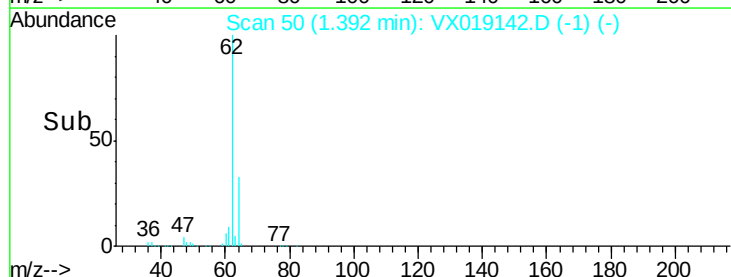


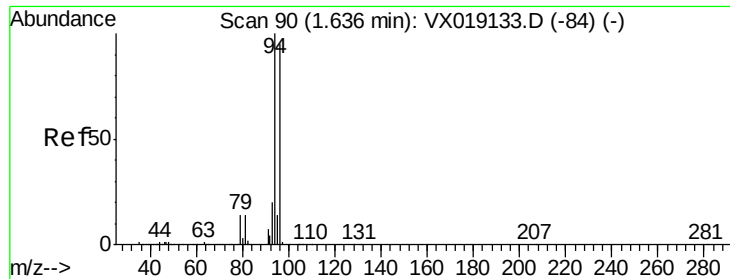
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 21.260 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion: 94 Resp: 43422

Ion Ratio Lower Upper

94 100

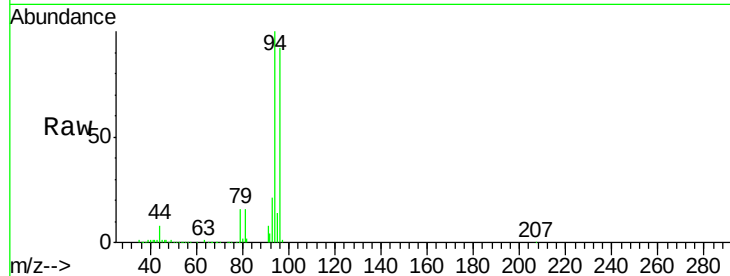
96 92.4 76.0 114.0

Manual Integrations

APPROVED

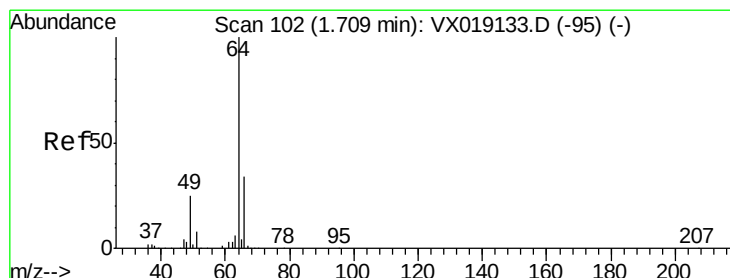
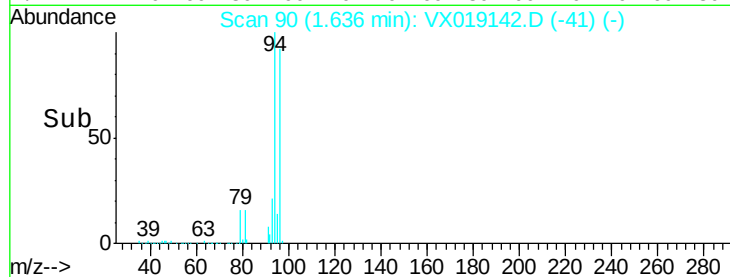
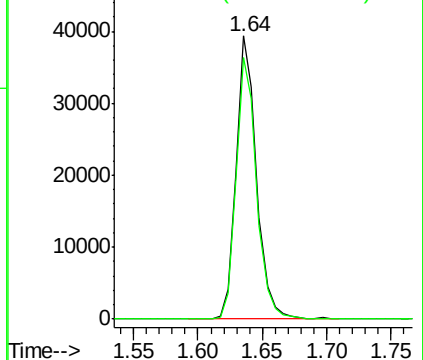
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.199 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019142.D

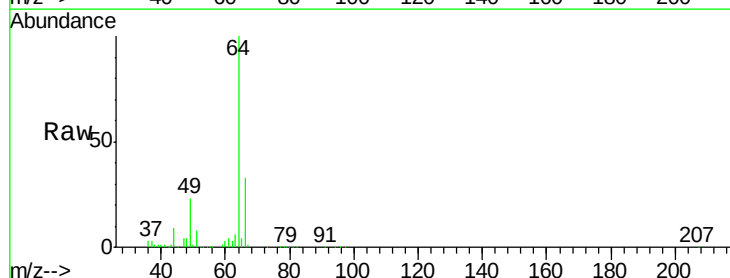
Acq: 27 Oct 2020 17:33

Tgt Ion: 64 Resp: 36661

Ion Ratio Lower Upper

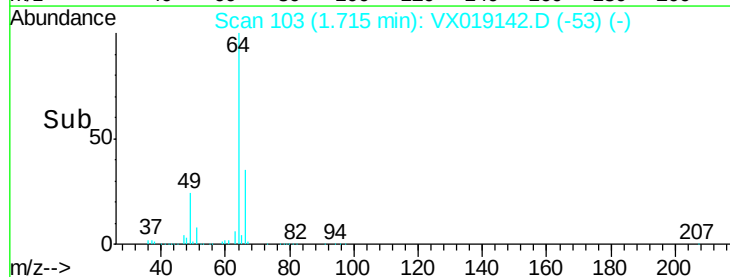
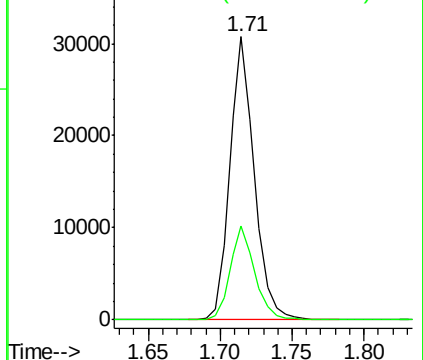
64 100

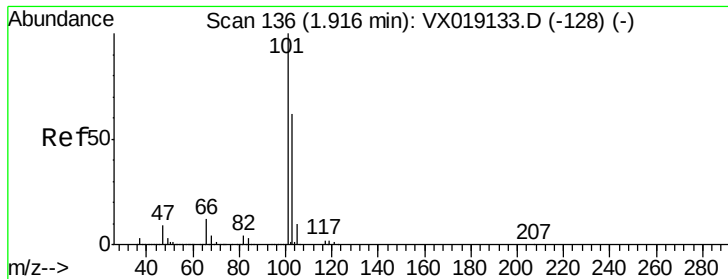
66 33.2 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

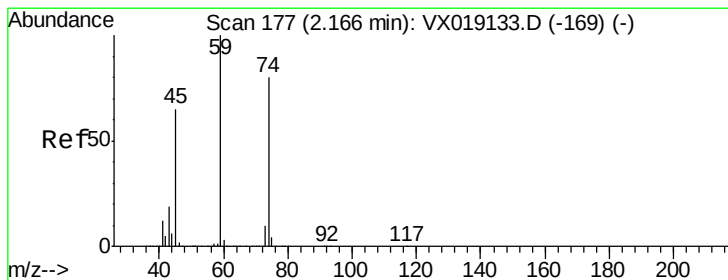
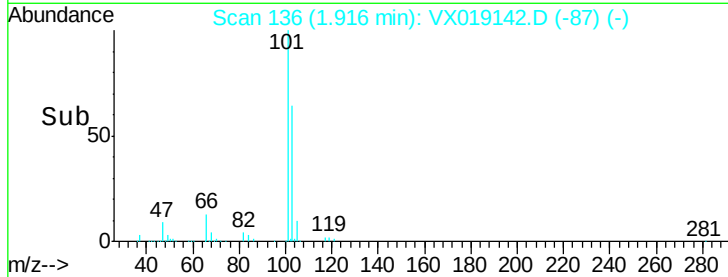
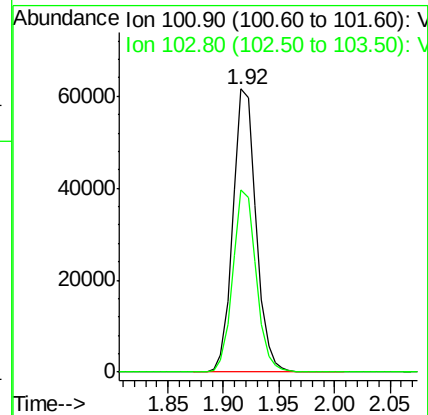
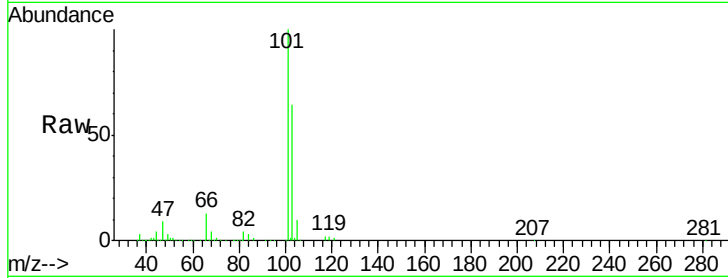
Trichlorofluoromethane
 Concen: 18.866 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Instrument :
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 VX1027WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.0	75.0

Manual Integrations
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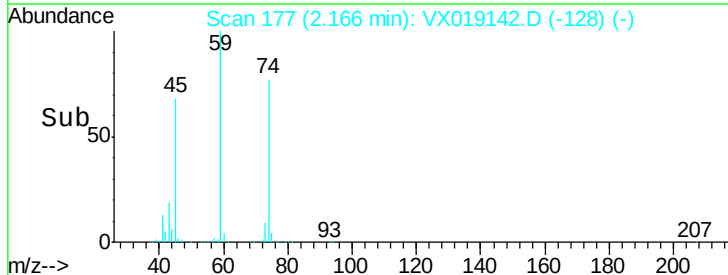
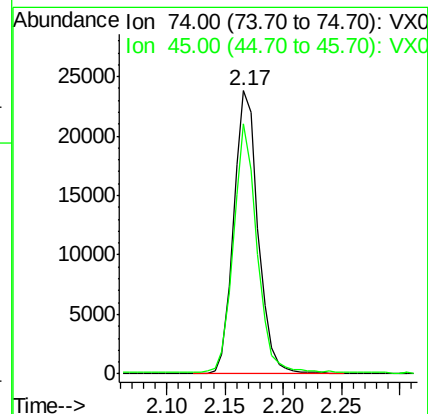
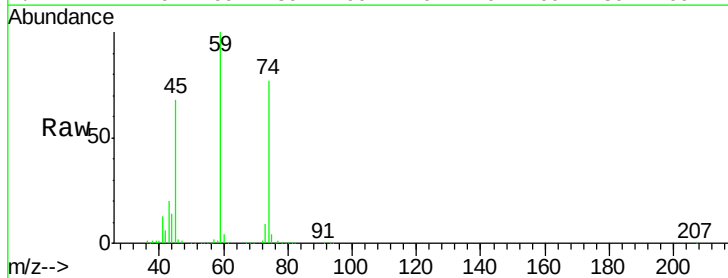
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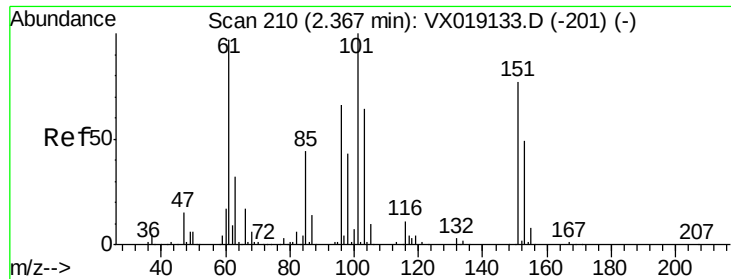


#8

Diethyl Ether
 Concen: 19.290 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.2	41.0	123.0





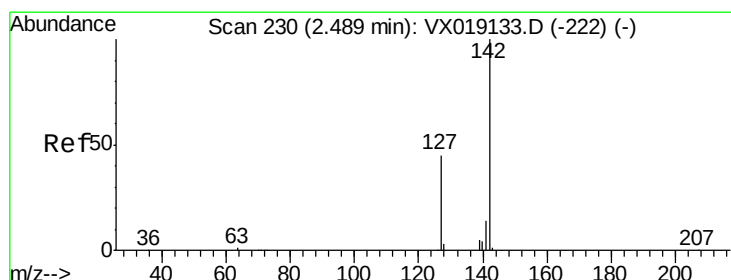
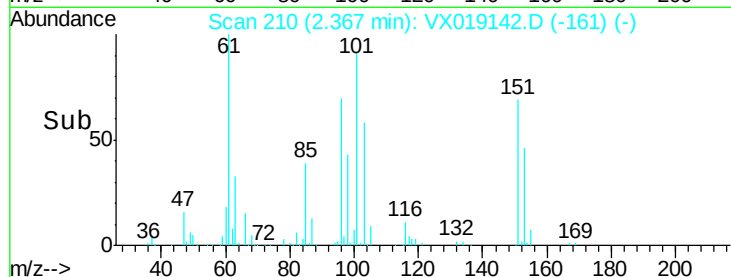
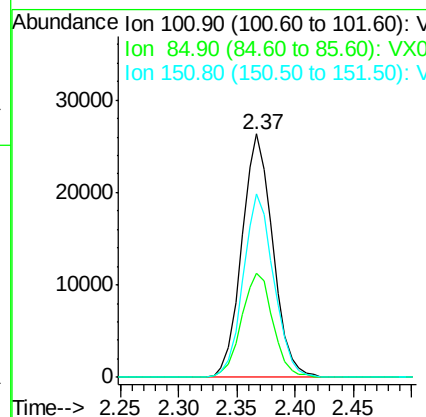
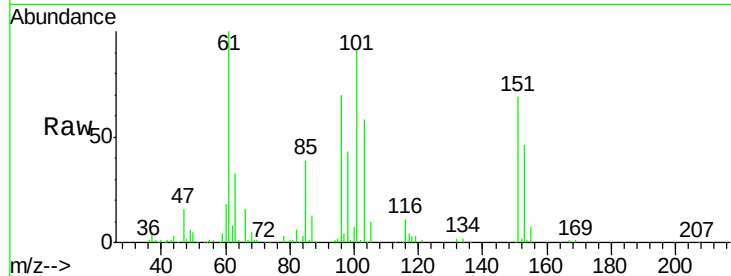
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.796 ug/l
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	48951		
85	43.3	35.0	52.4	
151	74.4	61.4	92.2	

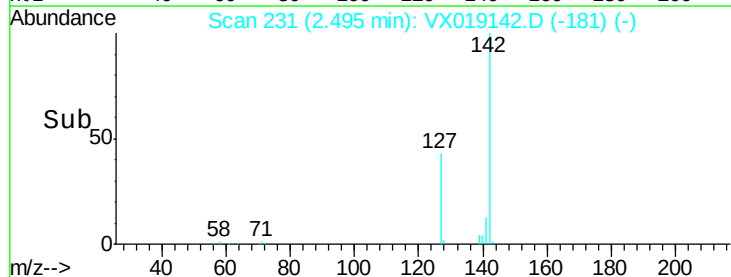
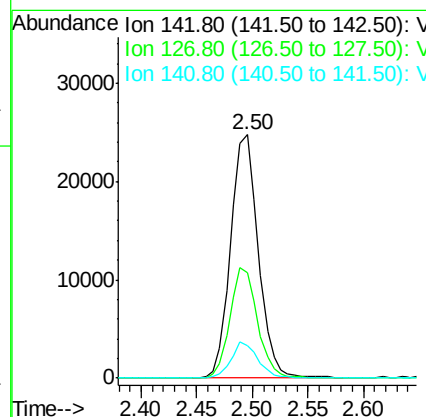
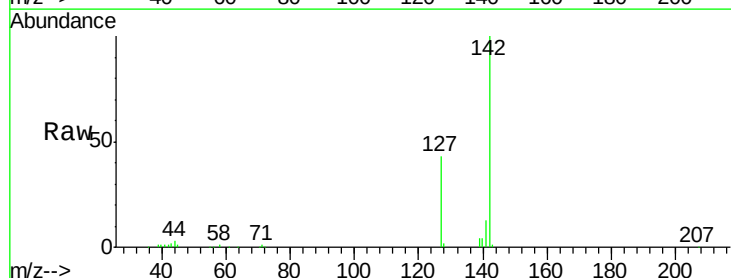
Manual Integrations
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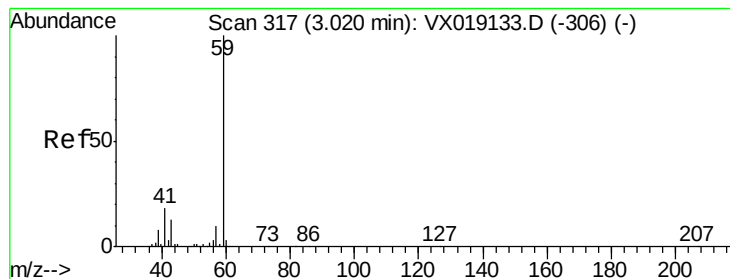
MMDadoda
10/28/2020 12:15:26 PM



#10
Methyl Iodide
Concen: 18.522 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	42788		
127	45.0	36.1	54.1	
141	14.1	11.3	16.9	





#11

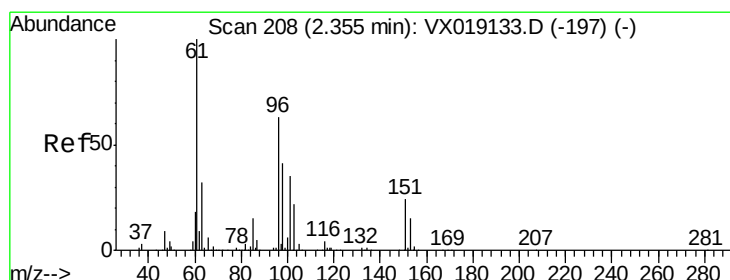
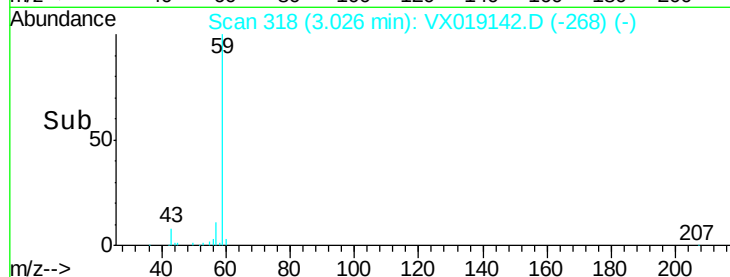
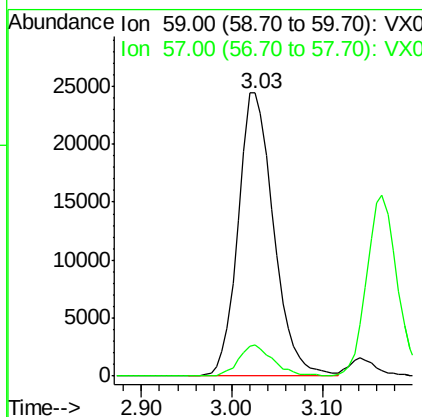
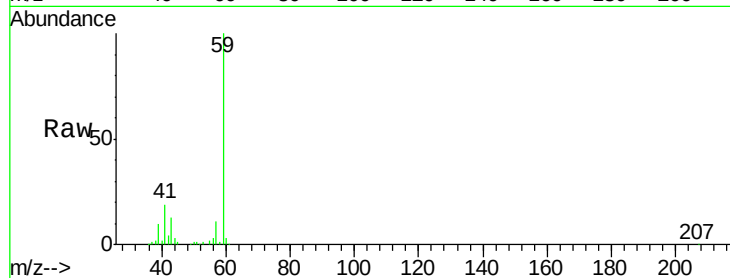
Tert butyl alcohol
Concen: 94.233 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	59	Resp	66461
Ion Ratio	100	Lower	Upper
57	10.7	8.4	12.6

Manual Integrations
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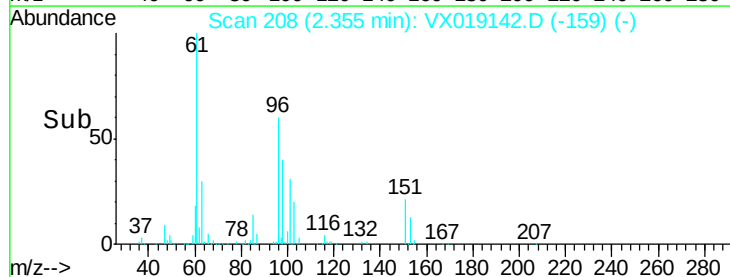
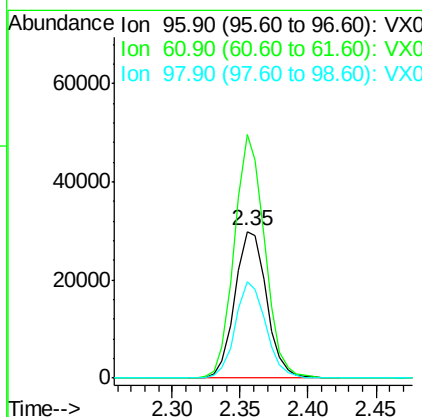
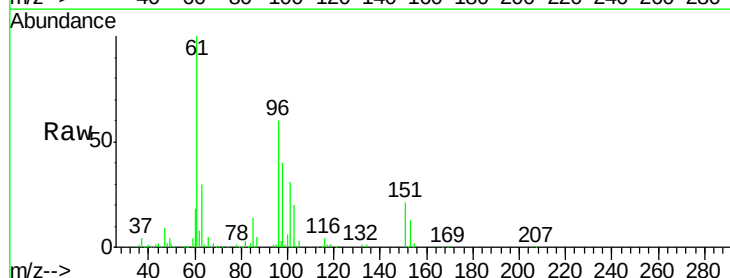
MMDadoda
10/28/2020 12:15:26 PM

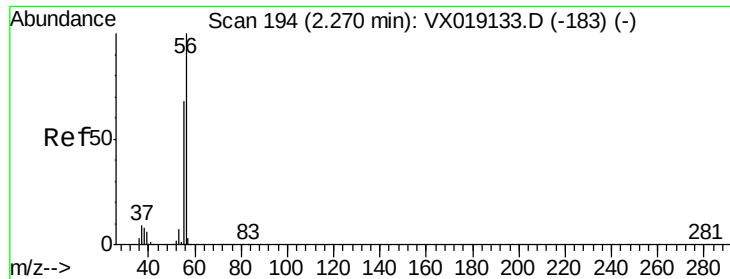


#12

1,1-Dichloroethene
Concen: 18.172 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	96	Resp	48767
Ion Ratio	100	Lower	Upper
61	166.1	127.7	191.5
98	65.9	52.1	78.1





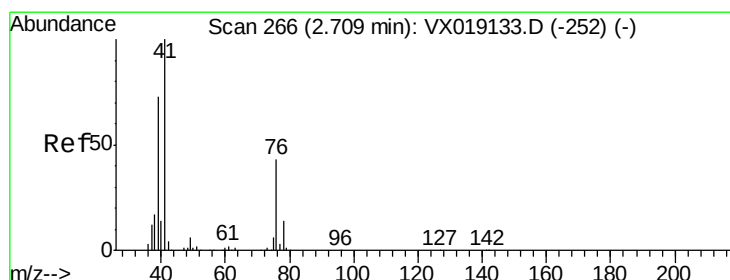
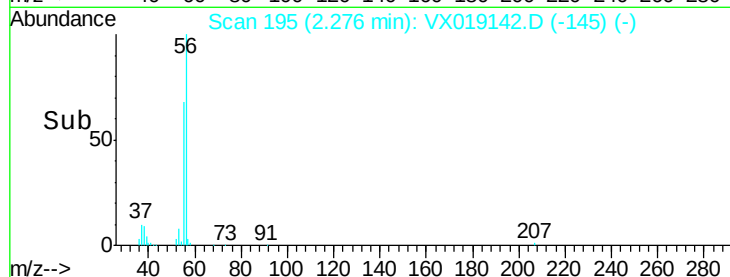
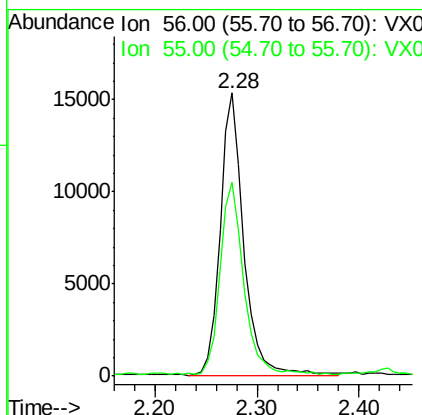
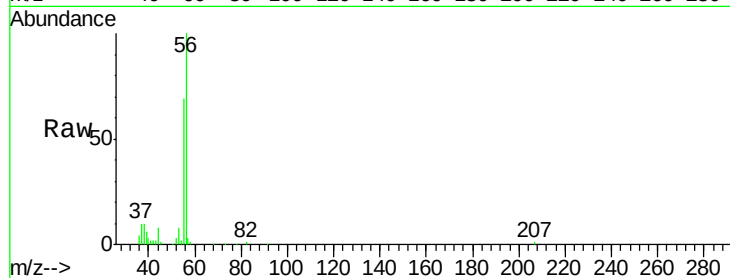
#13
Acrolein
Concen: 81.359 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	56	Resp	24426
Ion Ratio	100	Lower	Upper
56	100		
55	69.3	54.7	82.1

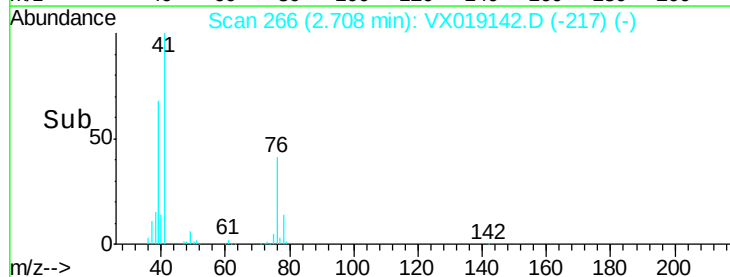
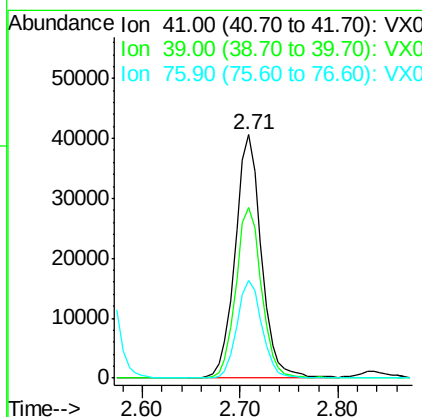
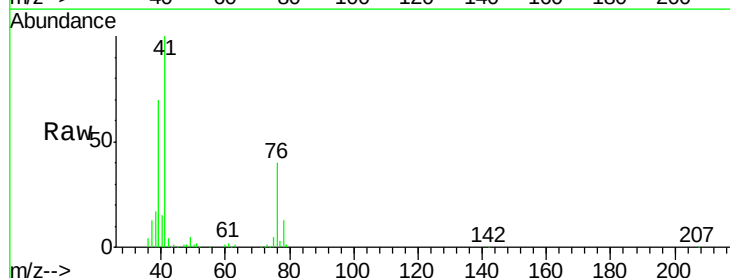
Manual Integrations
APPROVED

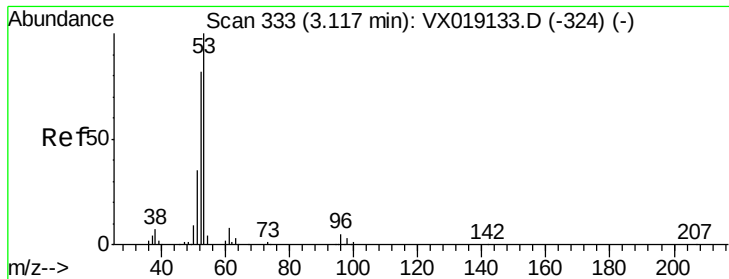
MMDadoda
10/28/2020 12:15:26 PM



#14
Allyl chloride
Concen: 18.517 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	41	Resp	75269
Ion Ratio	100	Lower	Upper
41	100		
39	69.1	55.2	82.8
76	38.4	31.5	47.3





#15

Acrylonitrile

Concen: 96.901 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

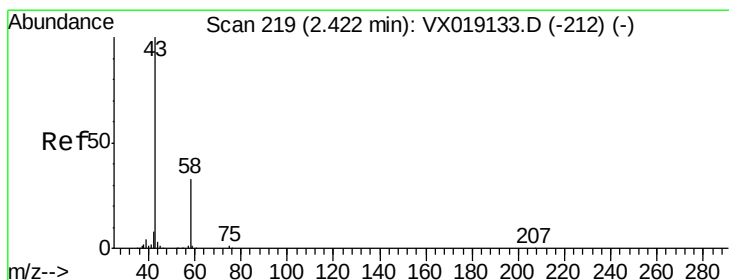
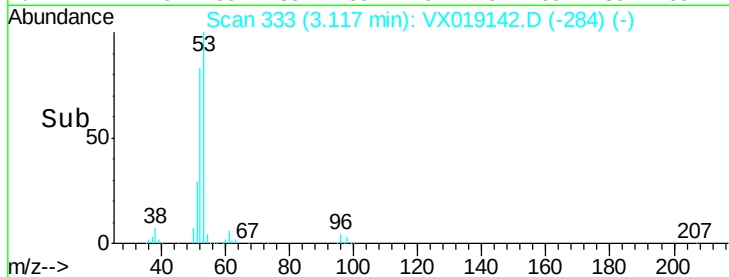
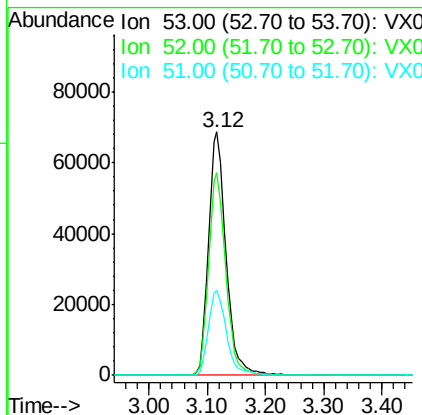
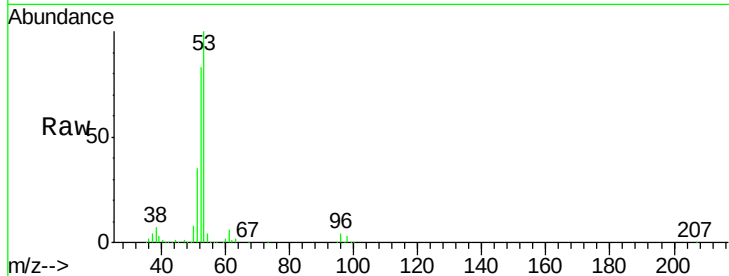
ClientSampleId :

VX1027WBS01

Tot Ion:	53	Resp:	143612
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.7	98.5
51	35.6	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 94.765 ug/l

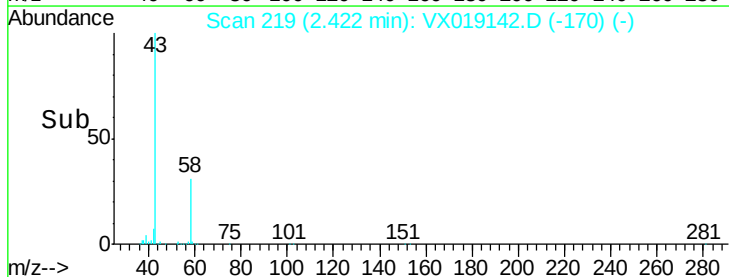
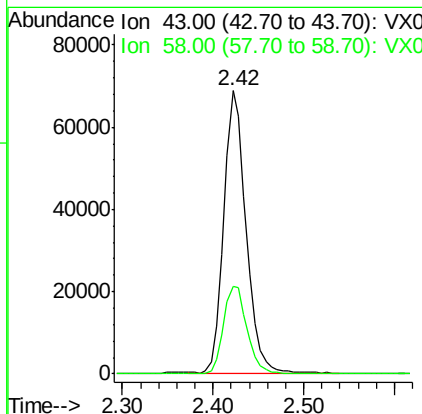
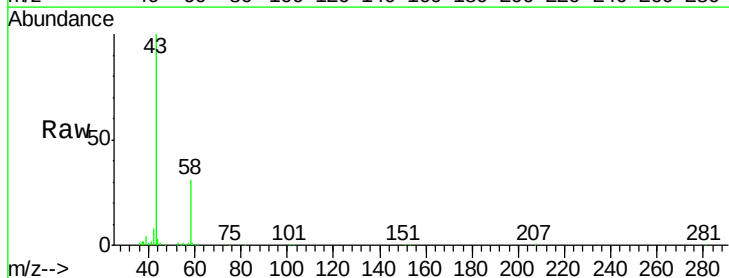
RT: 2.42 min Scan# 219

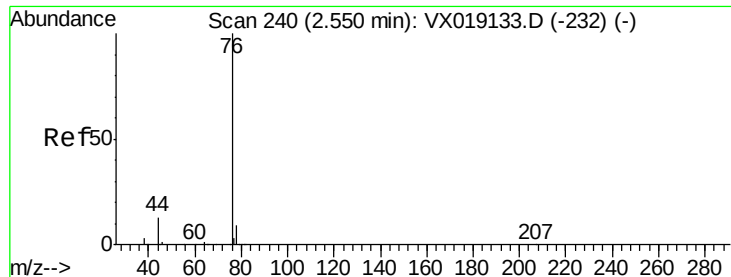
Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Tgt Ion:	43	Resp:	116738
Ion Ratio	Lower	Upper	
43	100		
58	31.1	26.3	39.5





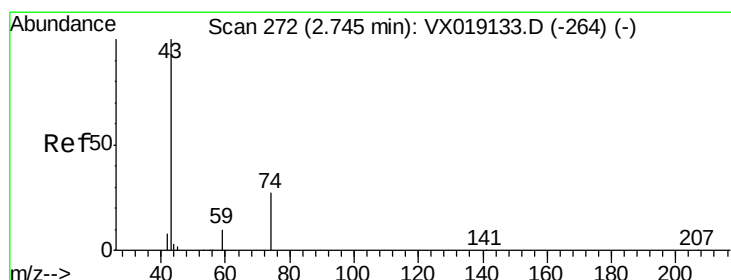
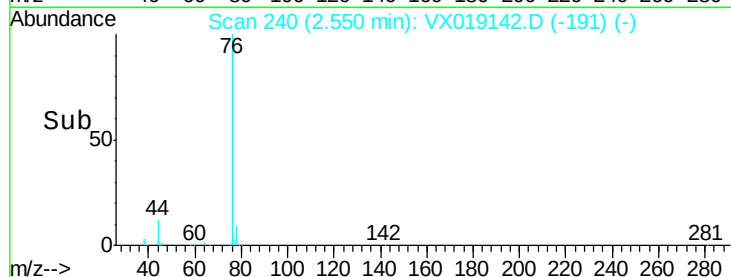
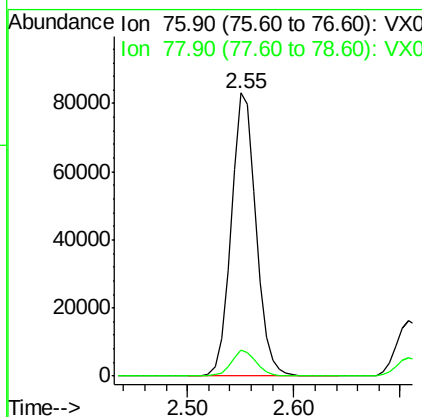
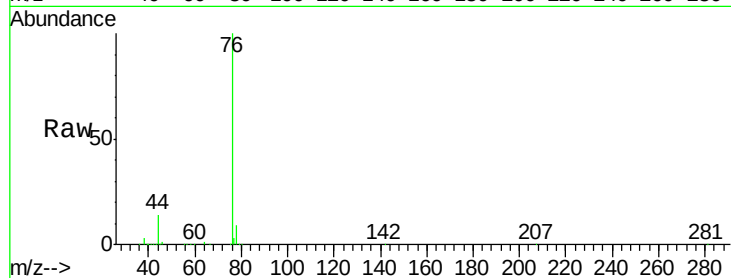
#17
Carbon Disulfide
Concen: 18.226 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

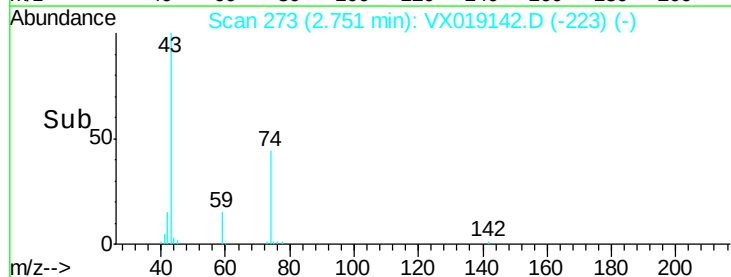
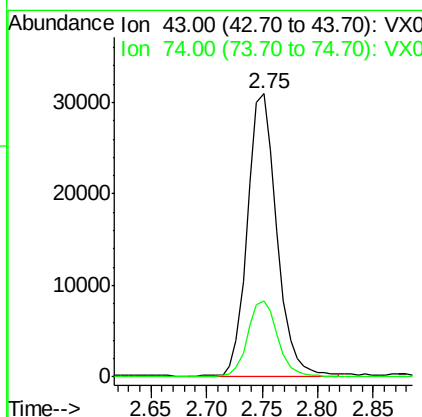
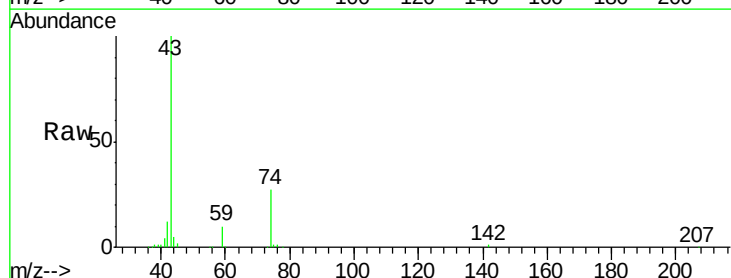
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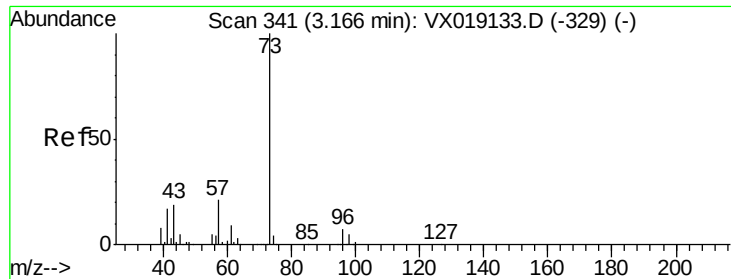
MMDadoda
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#18
Methyl Acetate
Concen: 18.934 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.9	22.6	33.8





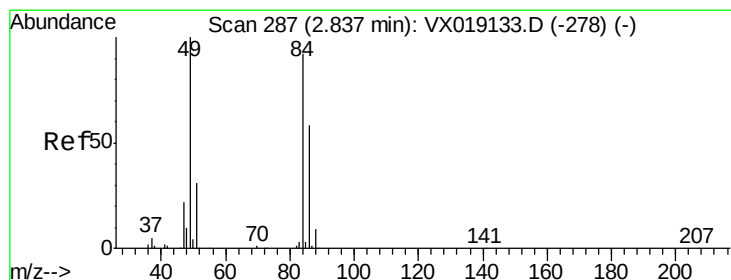
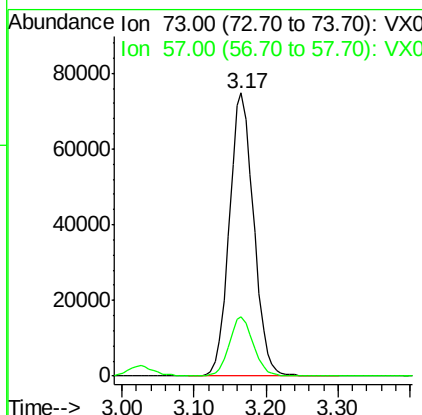
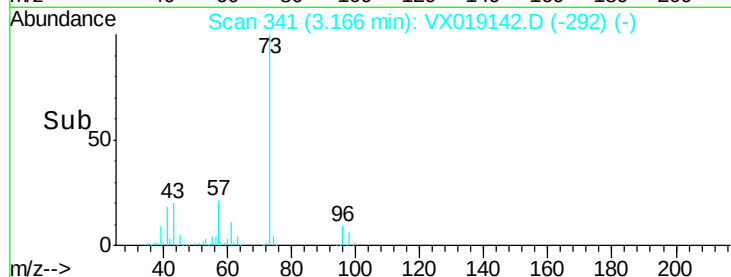
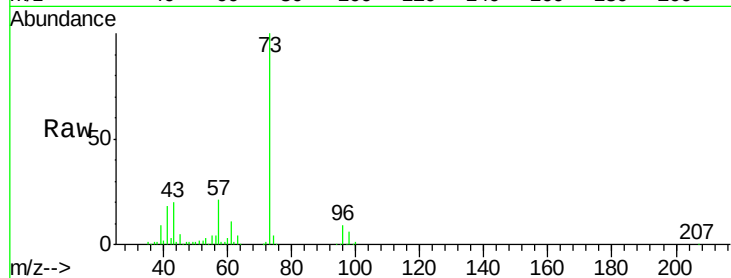
#19
Methyl tert-butyl Ether
Concen: 18.896 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion: 73 Resp: 175700
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

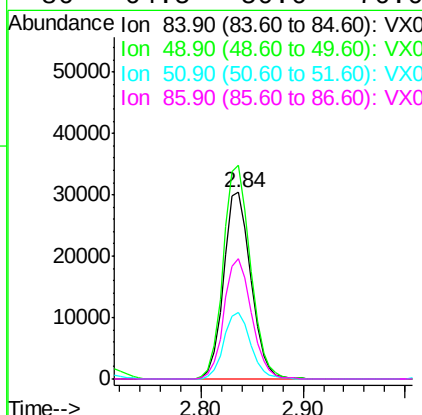
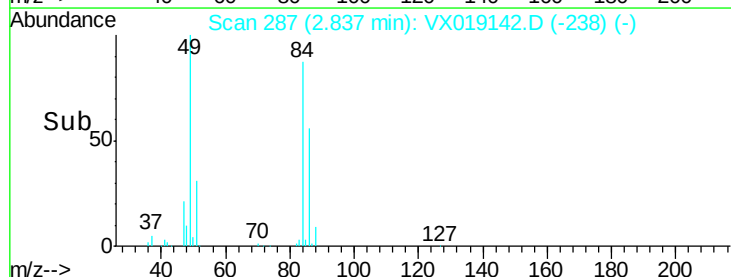
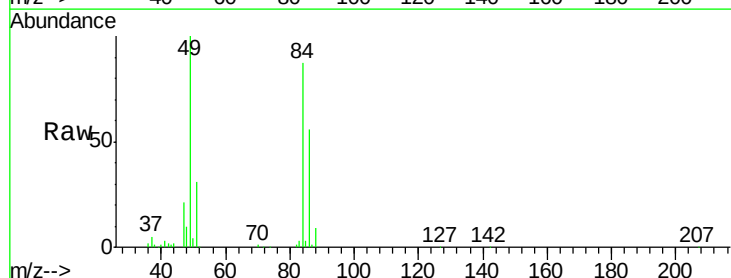
Manual Integrations
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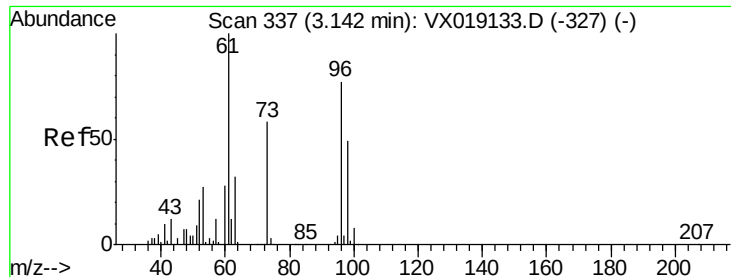
MMDadoda
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#20
Methylene Chloride
Concen: 18.210 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion: 84 Resp: 56317
Ion Ratio Lower Upper
84 100
49 114.5 86.8 130.2
51 35.5 27.3 40.9
86 64.5 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 17.952 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

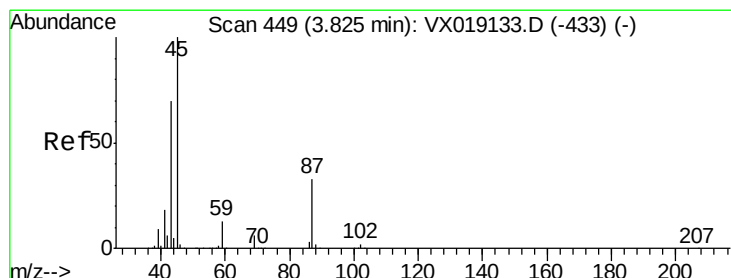
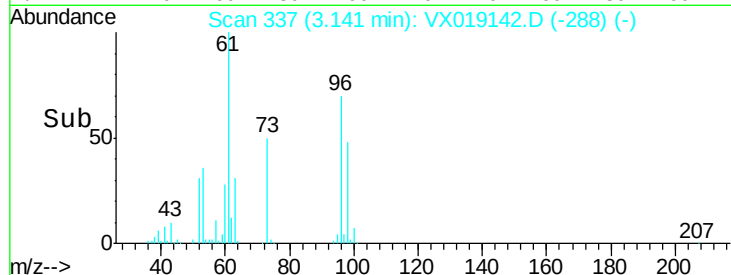
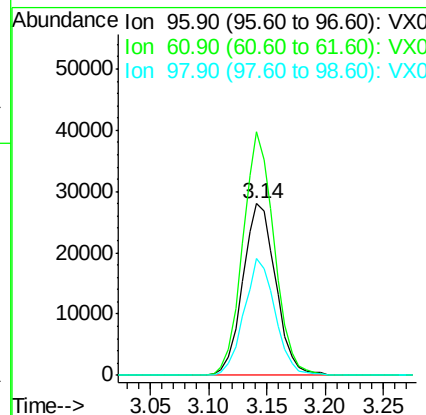
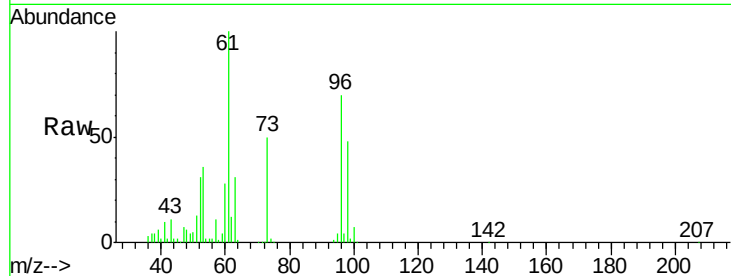
ClientSampled :

VX1027WBS01

Tot Ion:	96	Resp:	55446
Ion	Ratio	Lower	Upper
96	100		
61	142.0	104.2	156.4
98	68.0	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.408 ug/l

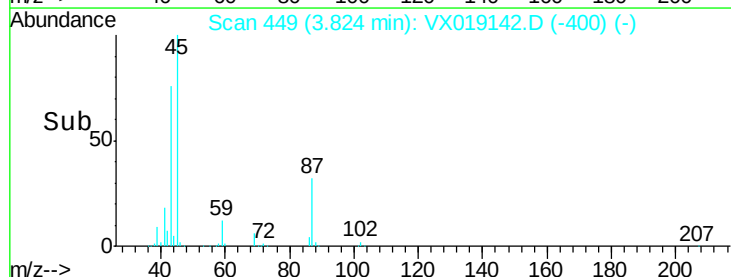
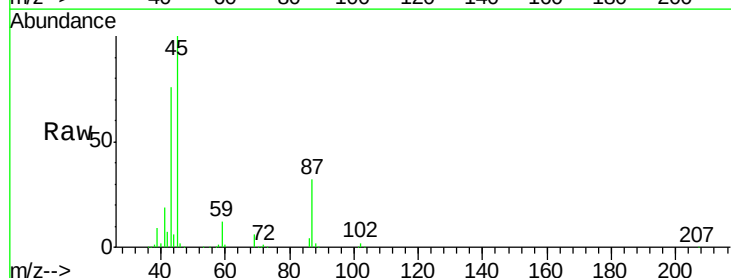
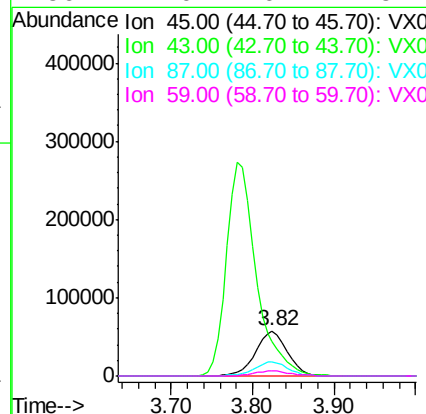
RT: 3.82 min Scan# 449

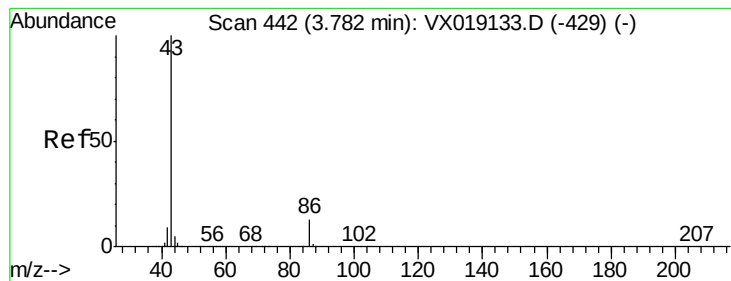
Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Tgt Ion:	45	Resp:	157277
Ion	Ratio	Lower	Upper
45	100		
43	75.5	56.2	84.4
87	32.2	26.2	39.2
59	12.0	10.1	15.1





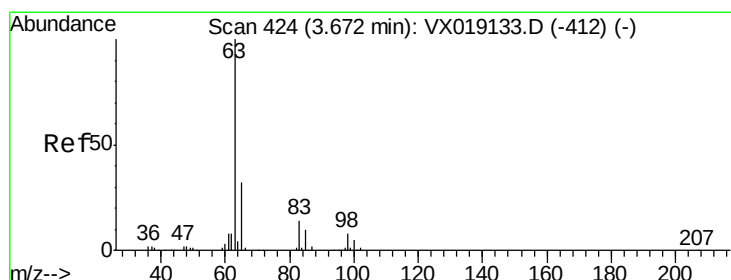
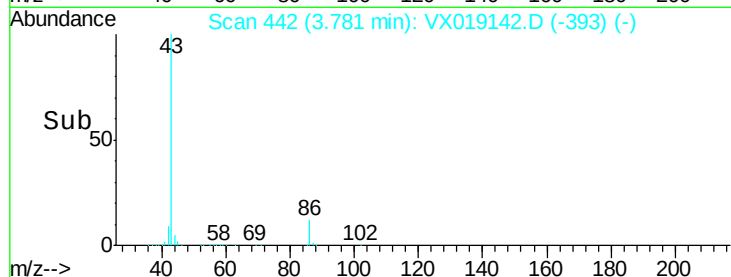
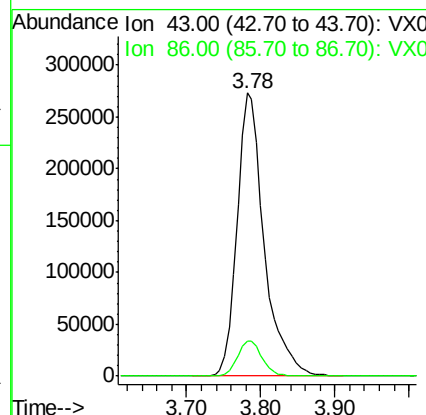
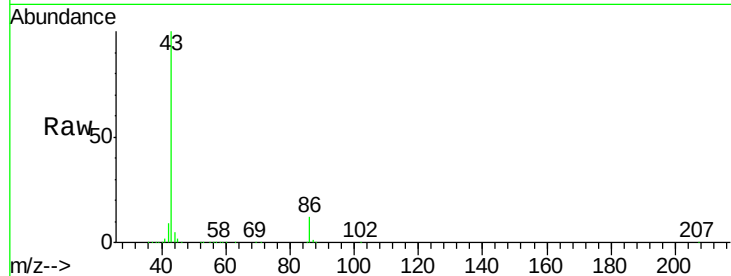
#23
 Vinyl Acetate
 Concen: 96.289 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.3	10.4	15.6

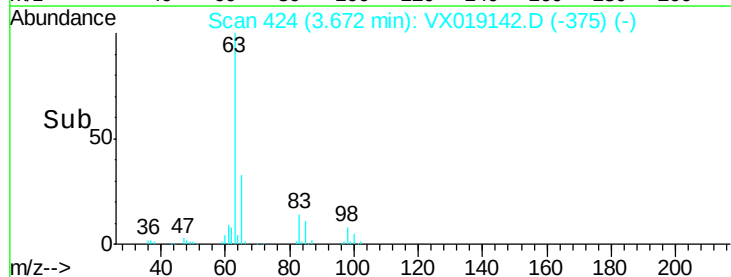
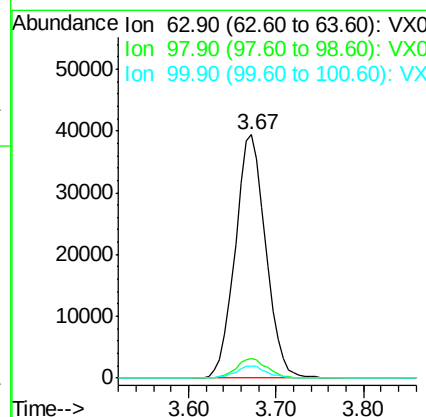
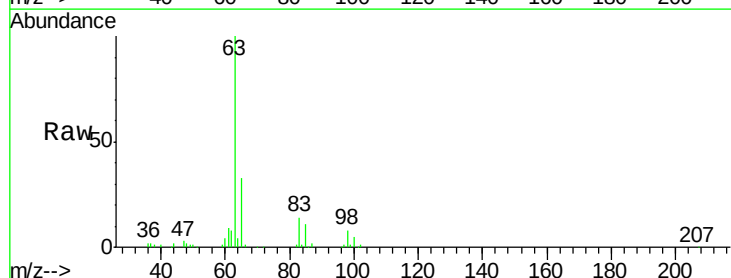
Manual Integrations
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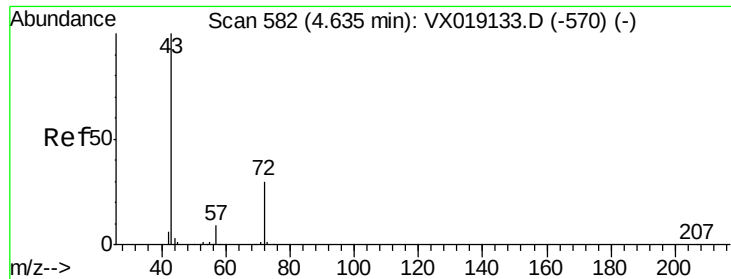
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 18.853 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.8	11.4
100	5.1	2.4	7.2





#25

2-Butanone

Concen: 96.922 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion: 43 Resp: 188167

Ion Ratio Lower Upper

43 100

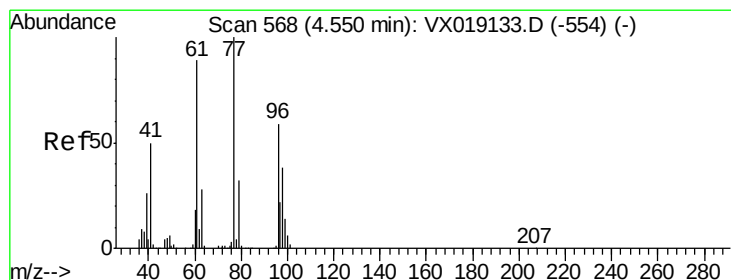
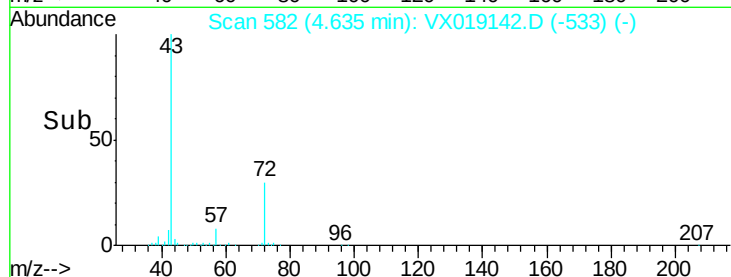
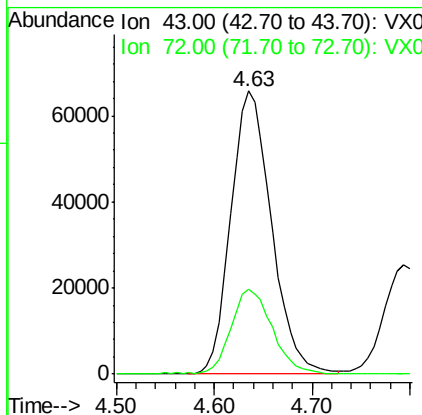
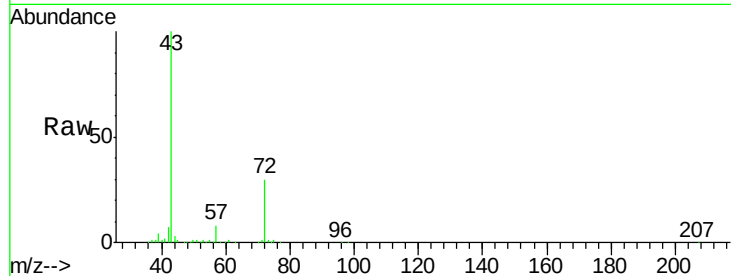
72 29.8 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.073 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019142.D

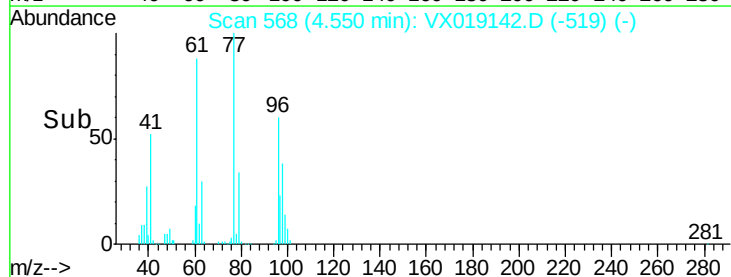
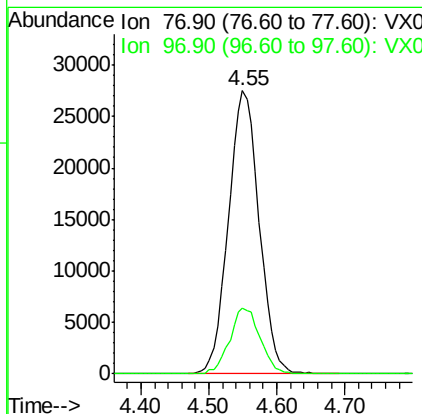
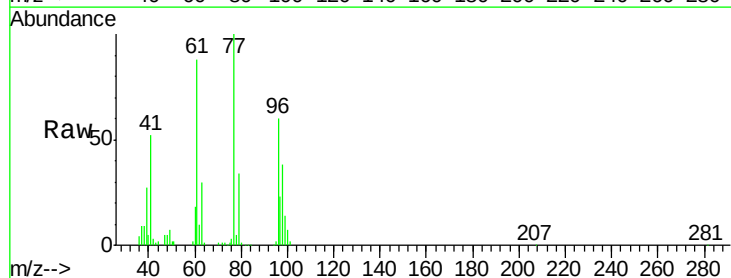
Acq: 27 Oct 2020 17:33

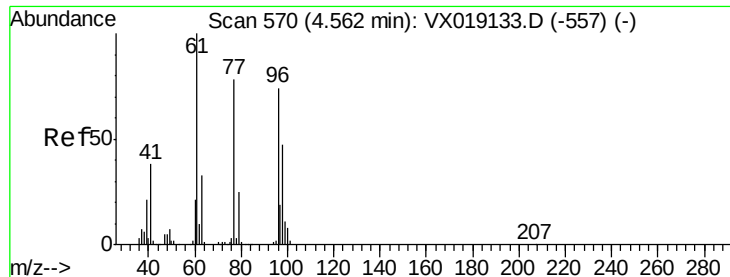
Tgt Ion: 77 Resp: 85966

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

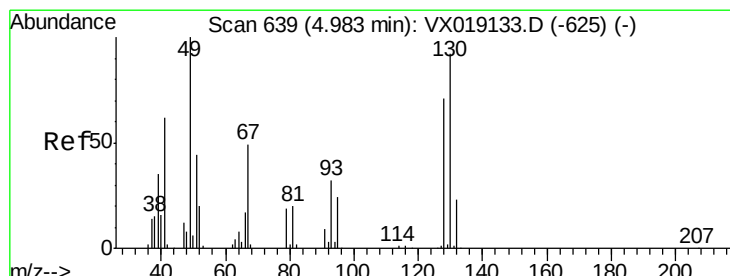
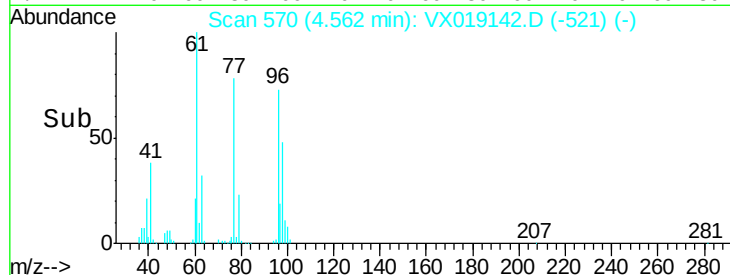
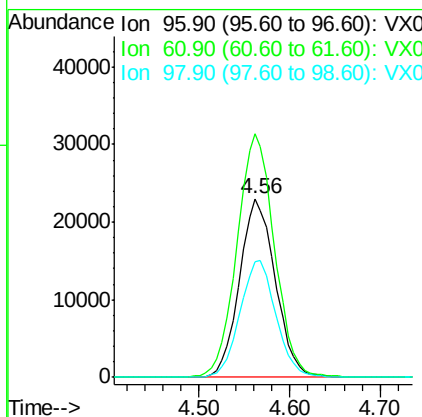
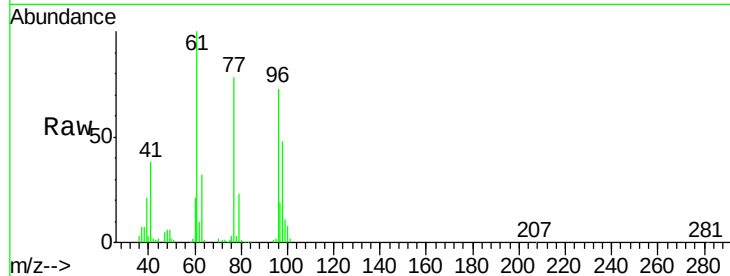
cis-1,2-Dichloroethene
Concen: 18.284 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	278.8
98	65.7	0.0	130.2

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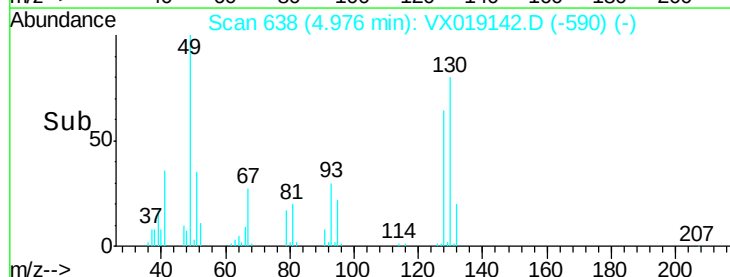
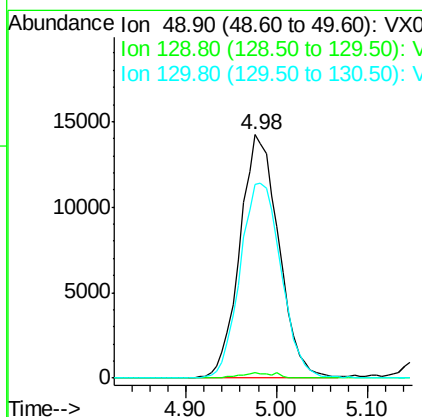
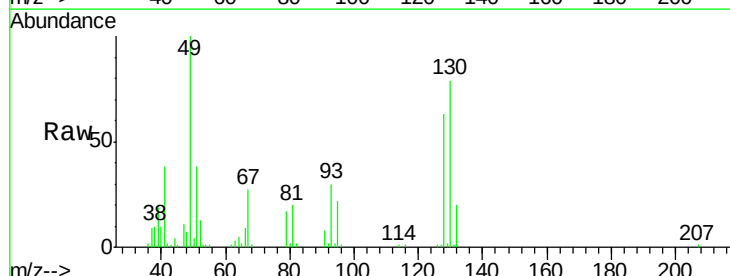
MMDadoda
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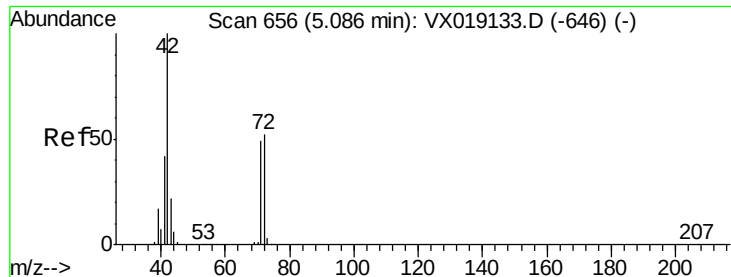


#28

Bromochloromethane
Concen: 18.379 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	84.6	71.3	106.9





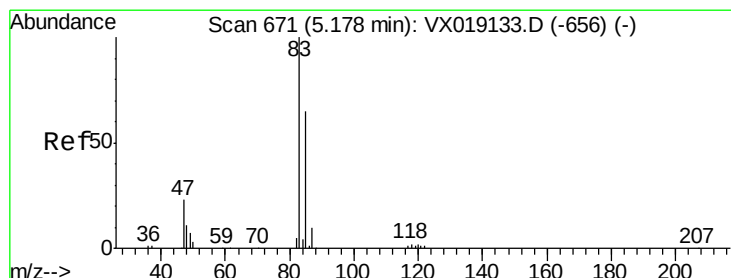
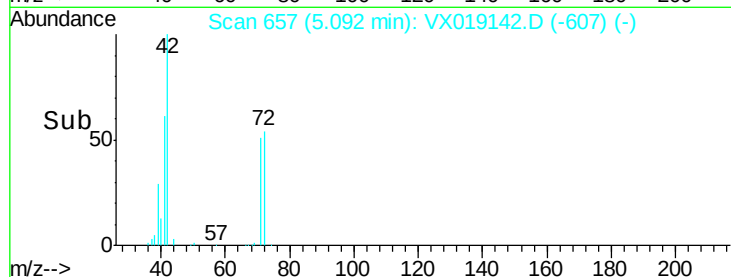
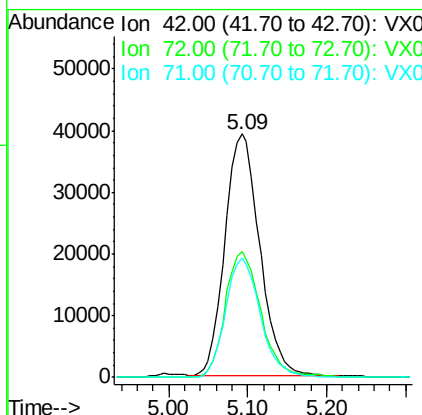
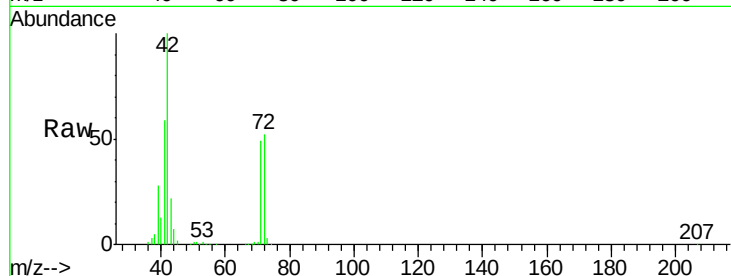
#29
Tetrahydrofuran
Concen: 98.653 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.2	42.6	63.8
71	49.1	39.7	59.5

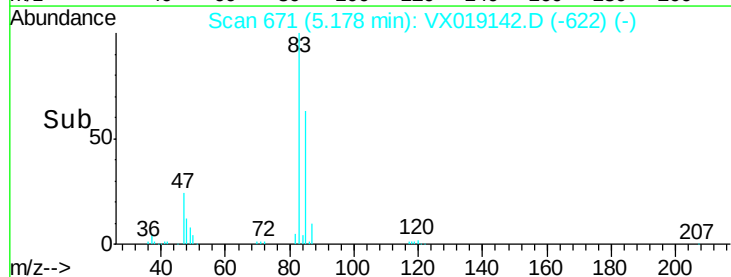
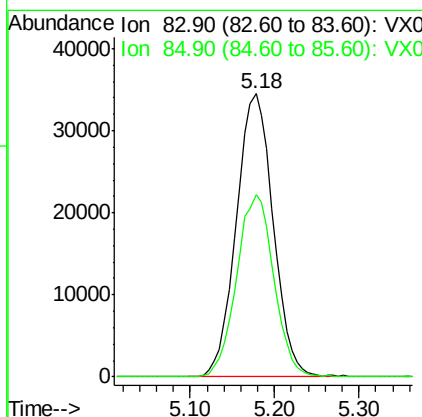
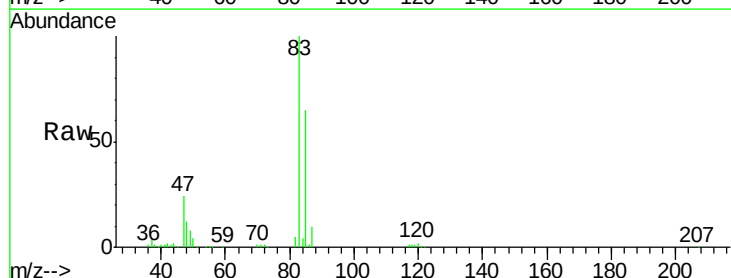
Manual Integrations
APPROVED

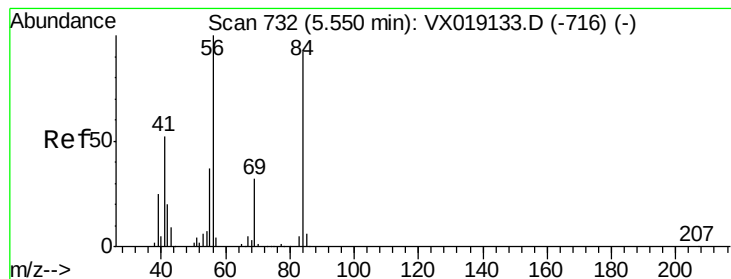
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#30
Chloroform
Concen: 18.964 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.9	77.9





#31

Cyclohexane

Concen: 18.365 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

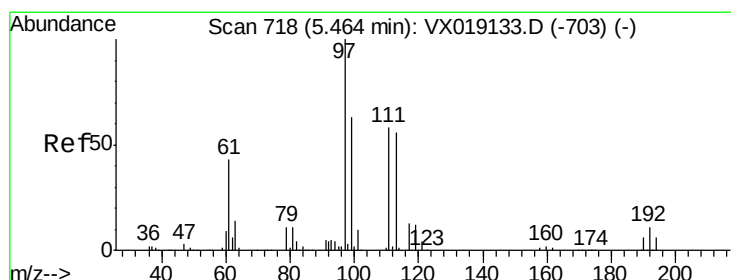
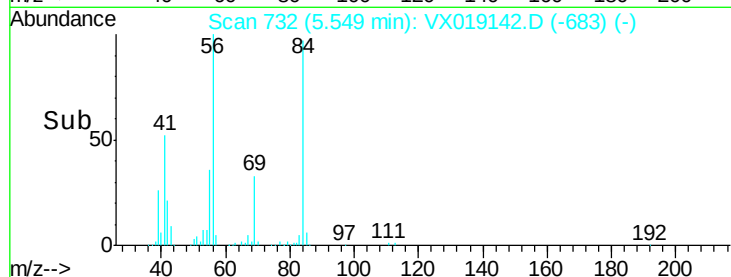
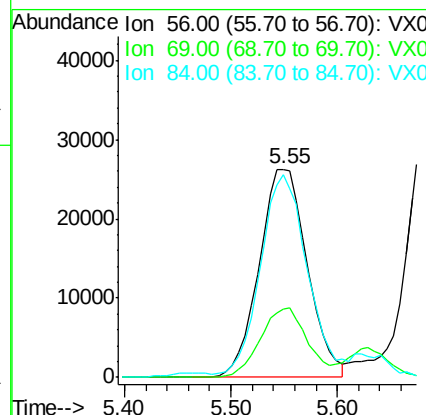
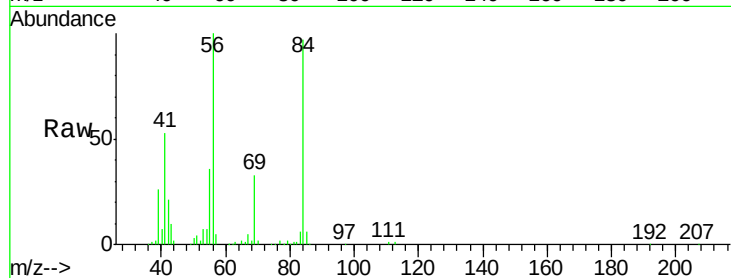
ClientSampleId :

VX1027WBS01

Tot Ion:	56	Resp:	82896
Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.9	38.9
84	95.5	73.4	110.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.920 ug/l

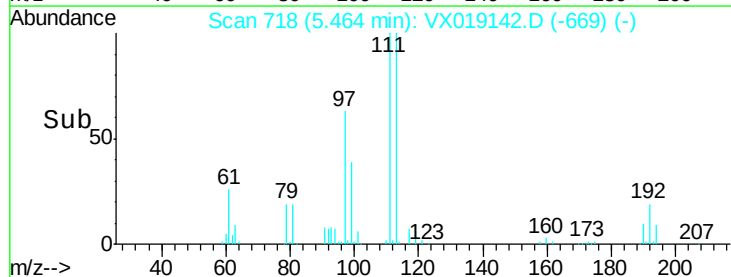
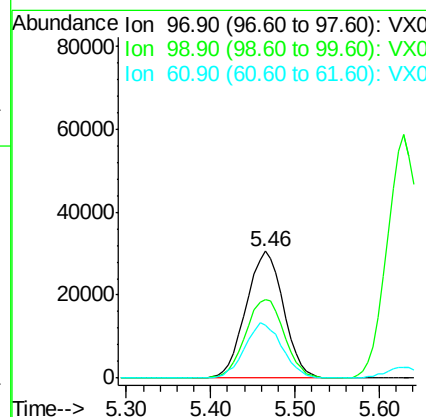
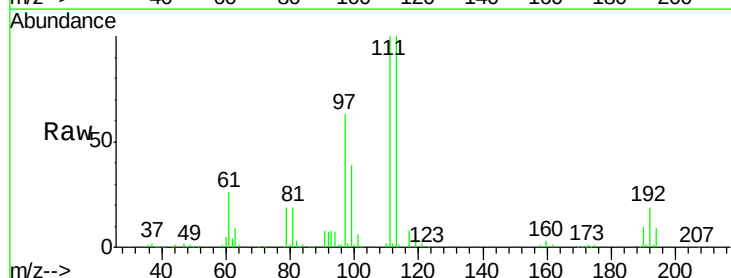
RT: 5.46 min Scan# 718

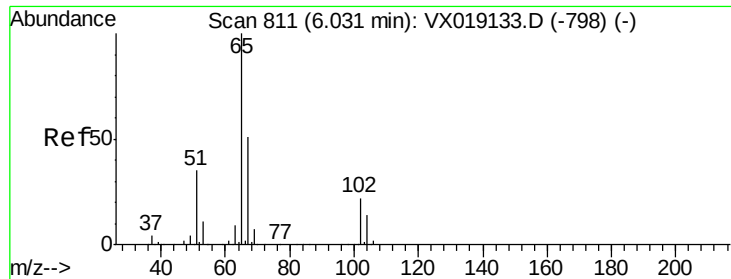
Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Tgt Ion:	97	Resp:	92379
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	43.3	34.2	51.2





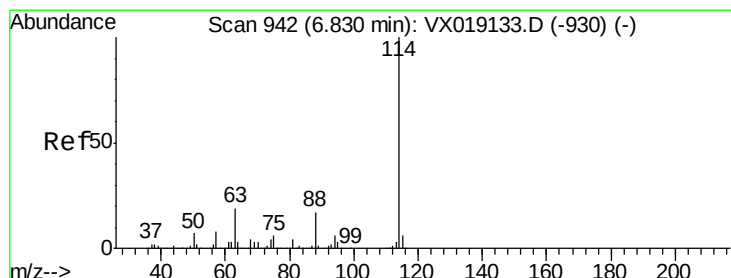
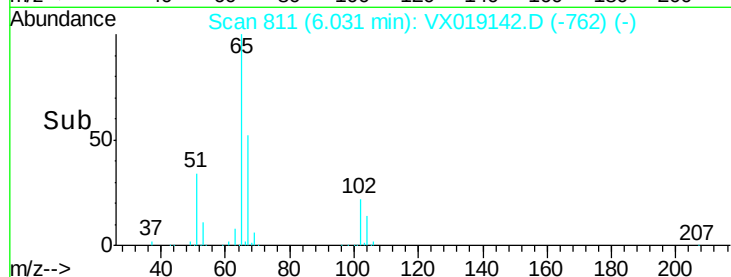
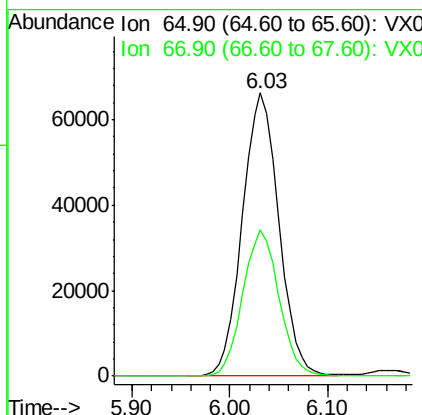
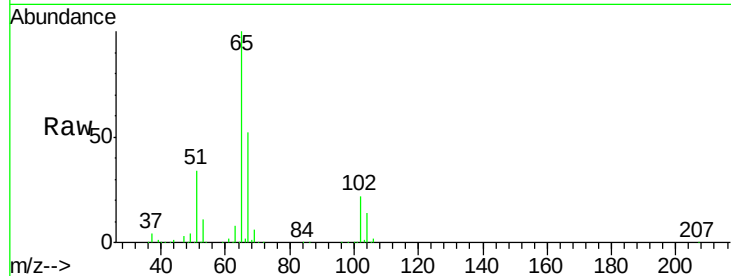
#33
 1,2-Dichloroethane-d4
 Concen: 48.045 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171560		
67	51.3	0.0	103.0	

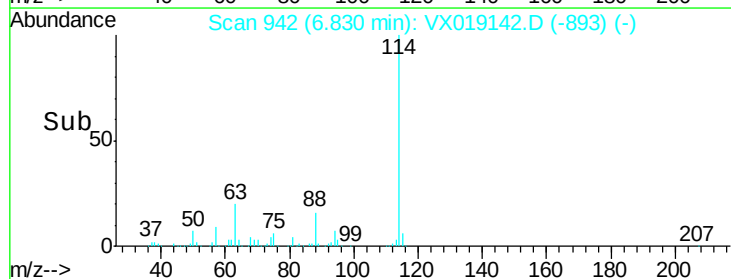
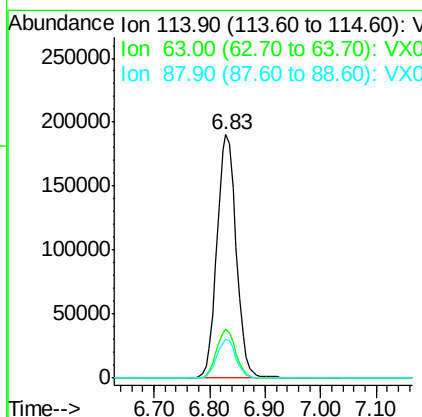
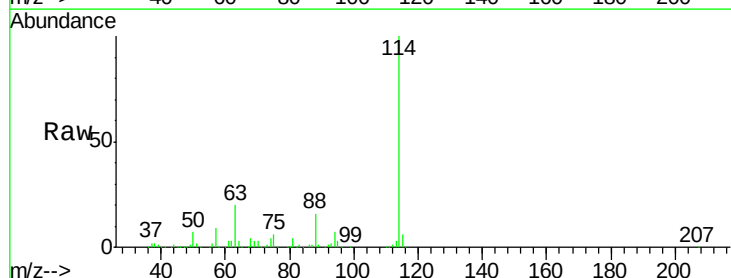
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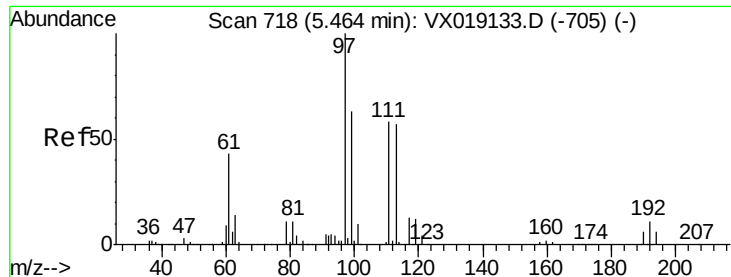
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	457537		
63	20.3	0.0	38.8	
88	15.7	0.0	34.2	





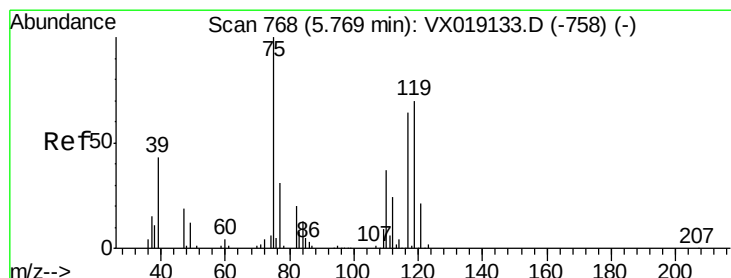
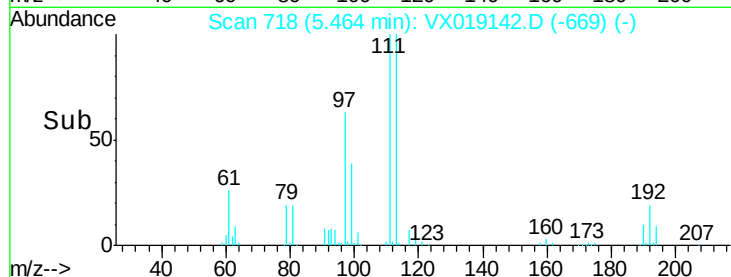
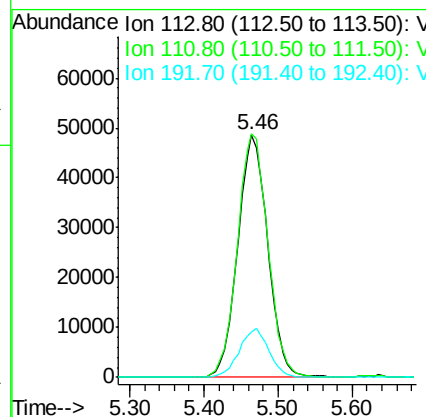
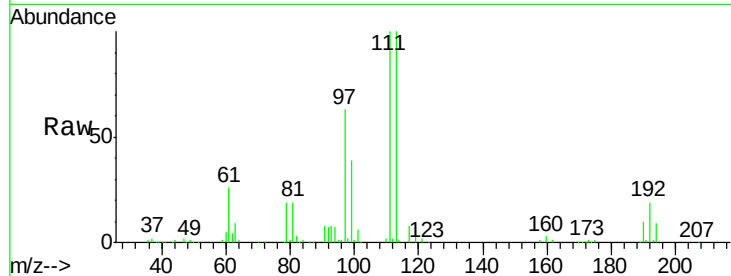
#35
 Dibromofluoromethane
 Concen: 47.791 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	137349		
111	102.4	82.3	123.5	
192	20.0	16.2	24.2	

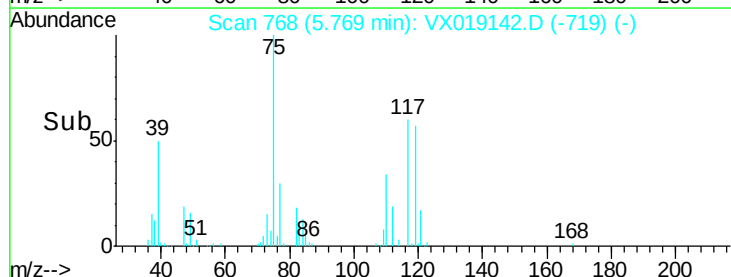
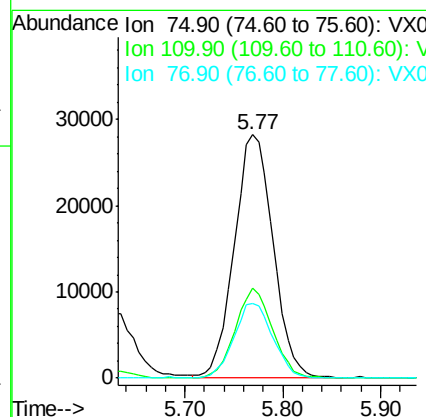
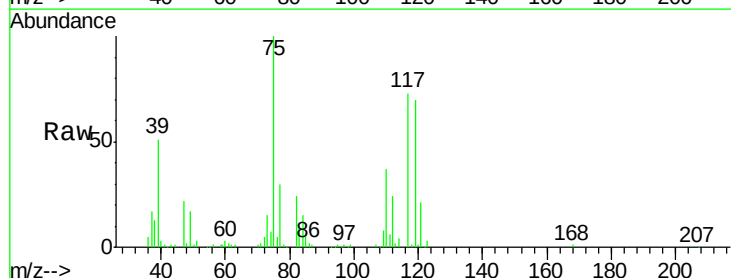
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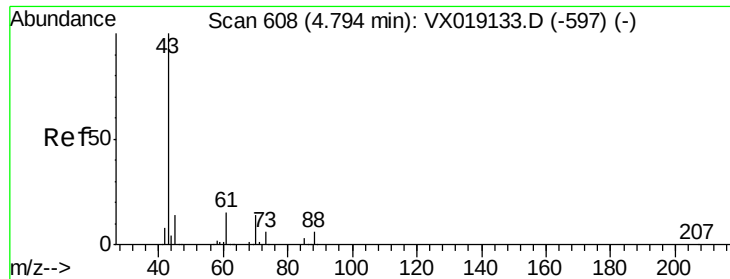
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#36
 1,1-Dichloropropene
 Concen: 18.261 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77154		
110	35.8	18.3	54.9	
77	30.5	24.9	37.3	





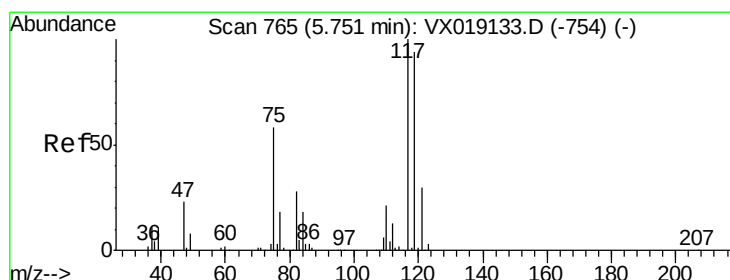
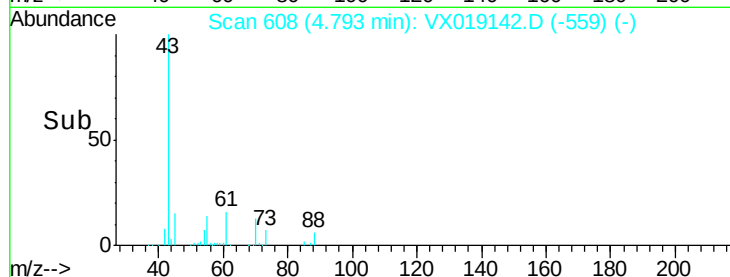
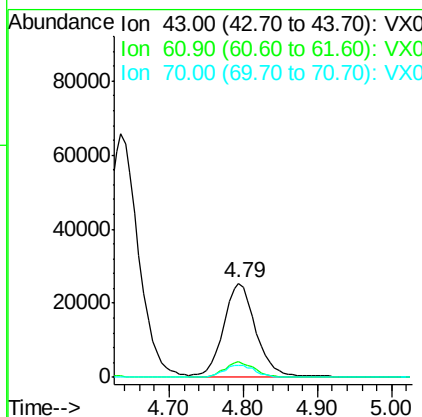
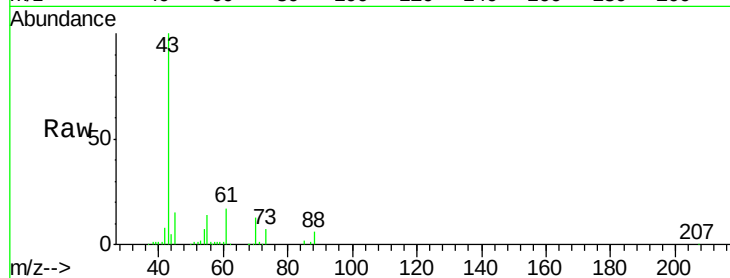
#37
Ethyl Acetate
Concen: 19.329 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.5	18.7
70	12.9	10.5	15.7

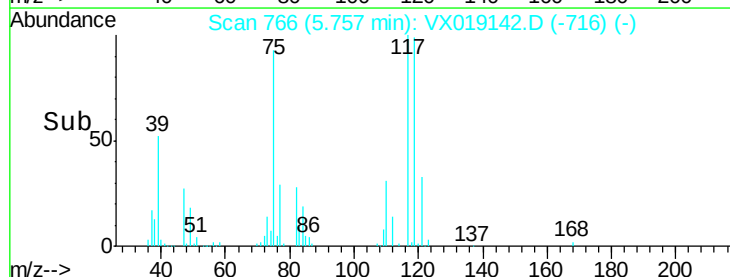
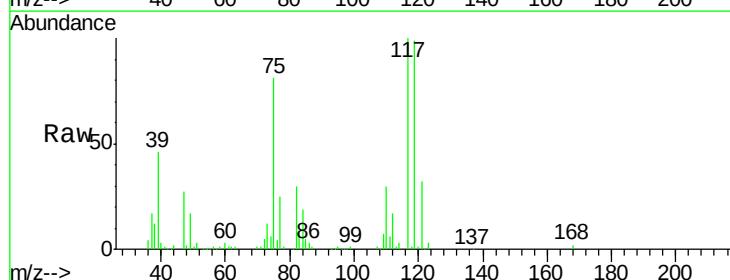
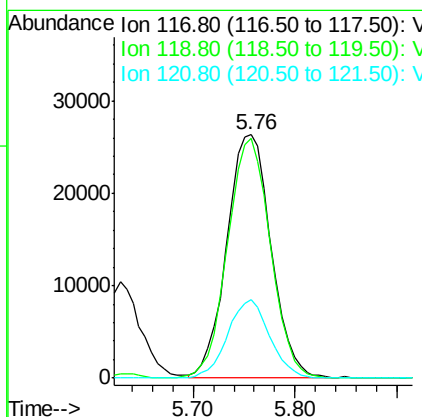
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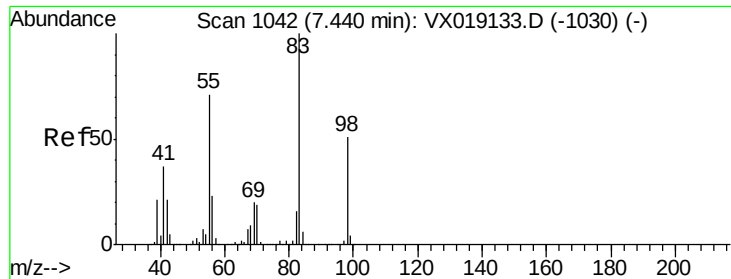
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#38
Carbon Tetrachloride
Concen: 18.295 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.0	112.6
121	32.5	23.9	35.9





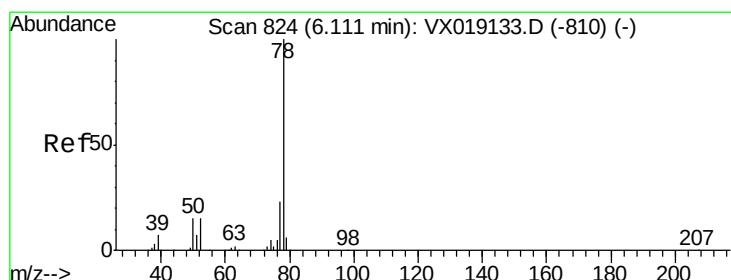
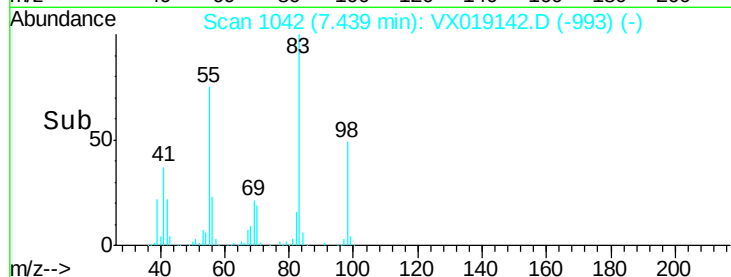
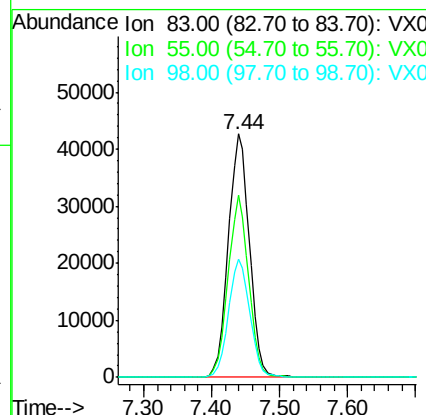
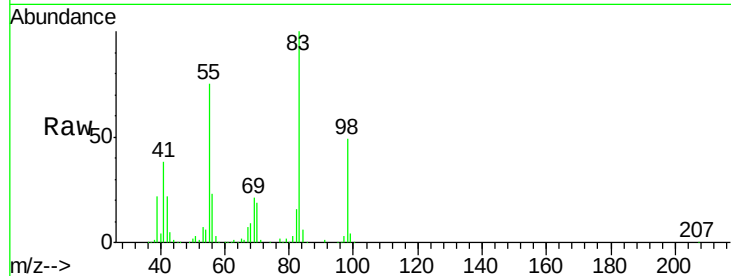
#39
Methylvlcyclohexane
Concen: 18.187 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	57.0	85.6
98	48.6	40.5	60.7

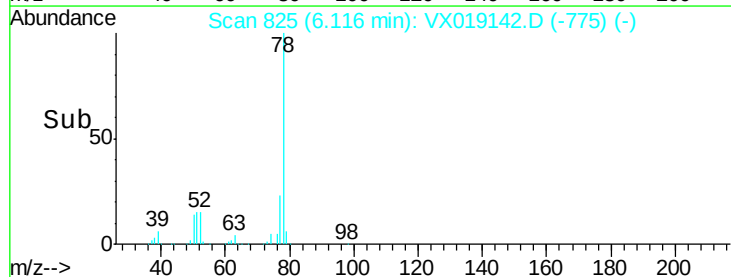
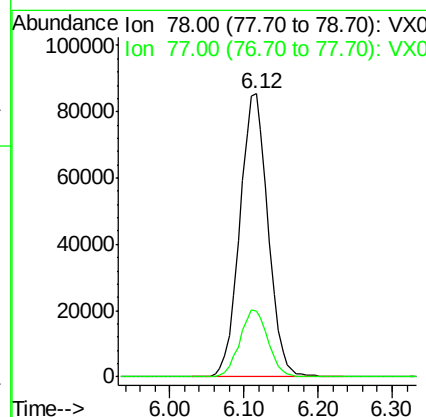
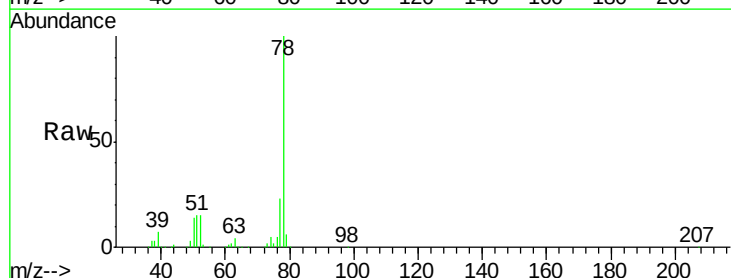
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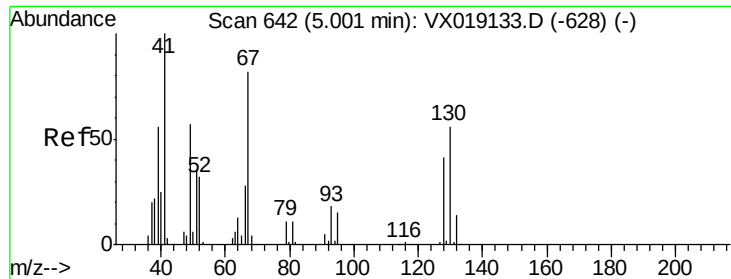
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#40
Benzene
Concen: 18.947 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





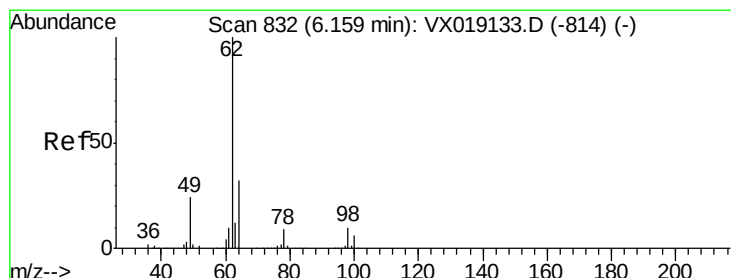
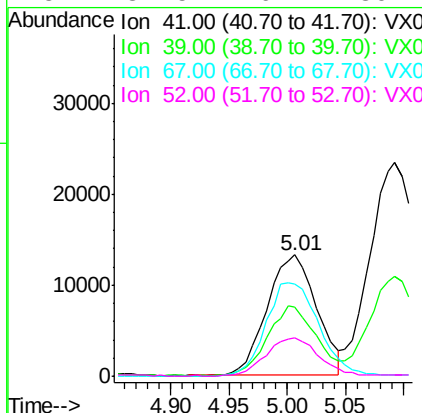
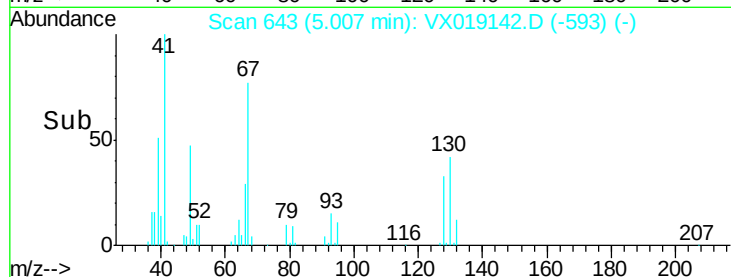
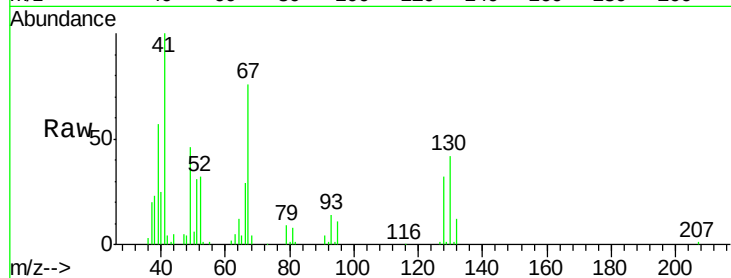
#41
Methacrylonitrile
Concen: 18.599 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		39292		
39	55.8	44.4	66.6		
67	83.4	66.4	99.6		
52	34.5	26.2	39.4		

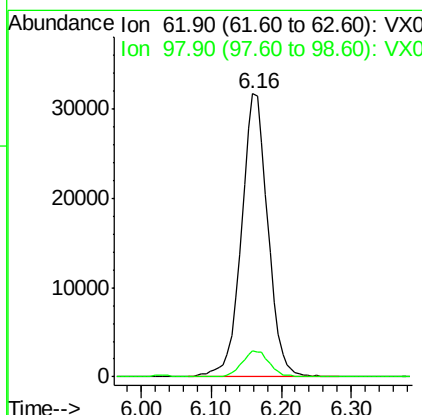
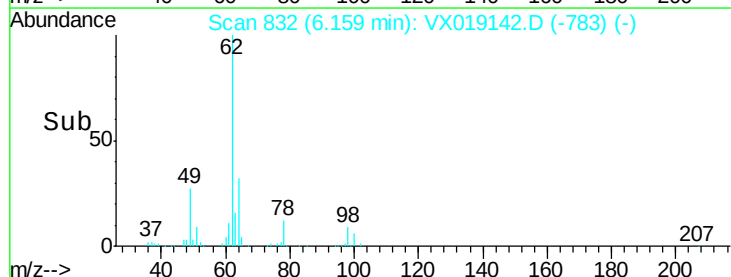
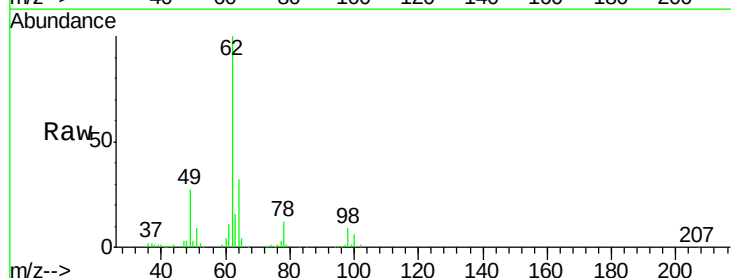
Manual Integrations
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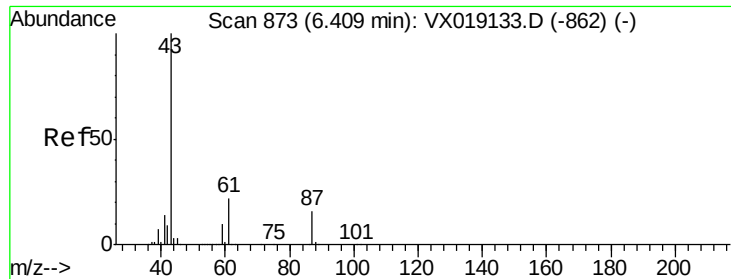
MMDadoda
10/28/2020 12:15:26 PM



#42
1,2-Dichloroethane
Concen: 18.864 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		83281		
98	9.4	0.0	19.0		





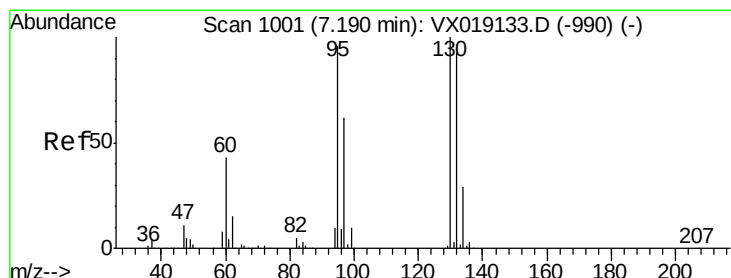
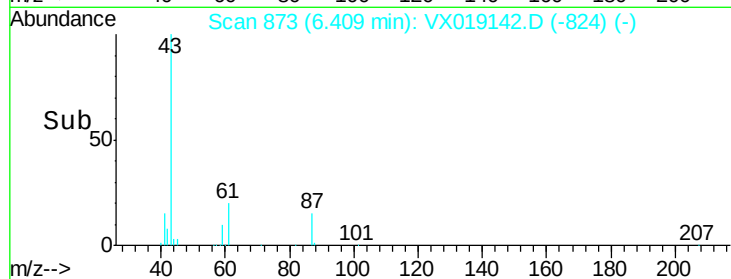
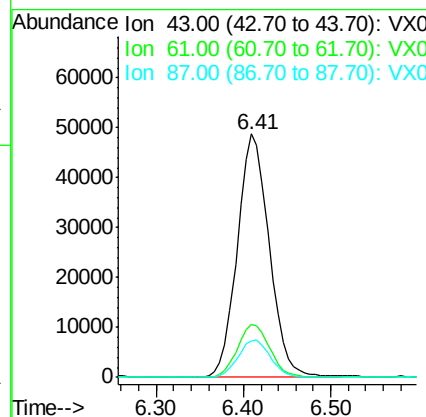
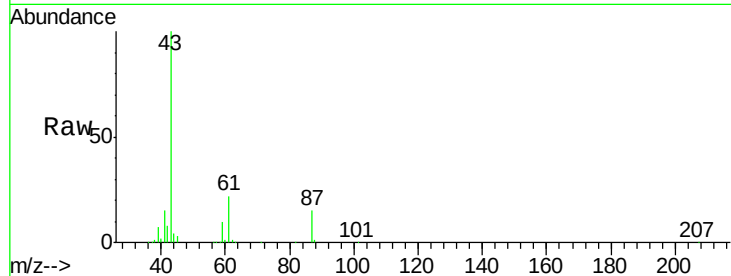
#43
Isopropyl Acetate
Concen: 18.770 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.8	26.6
87	15.6	12.6	19.0

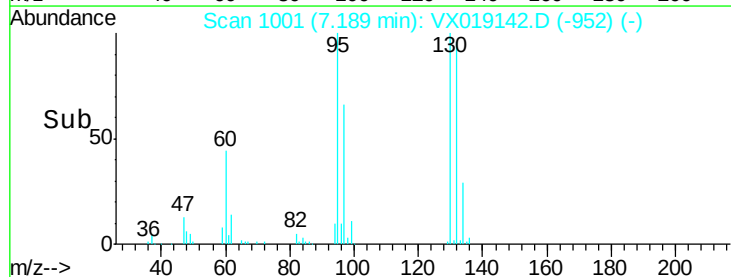
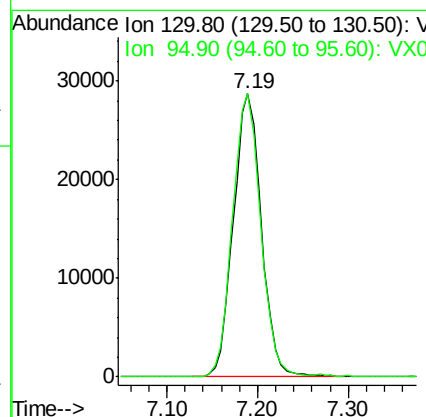
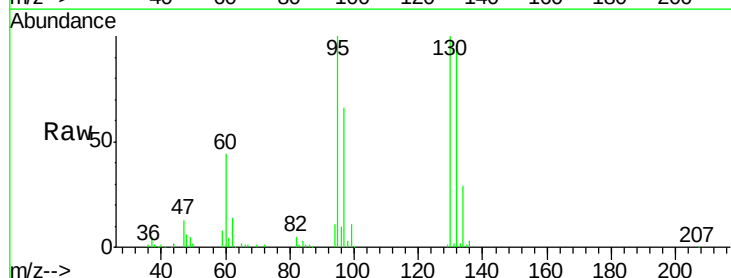
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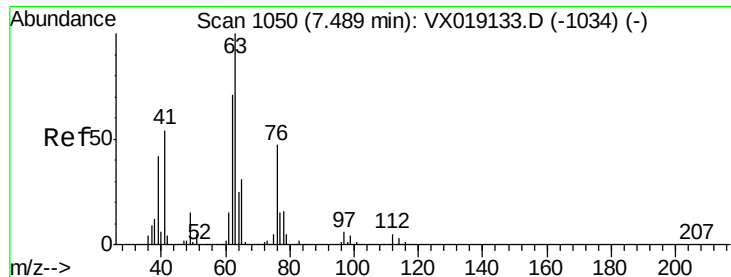
MMDadoda
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#44
Trichloroethene
Concen: 17.959 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	192.0





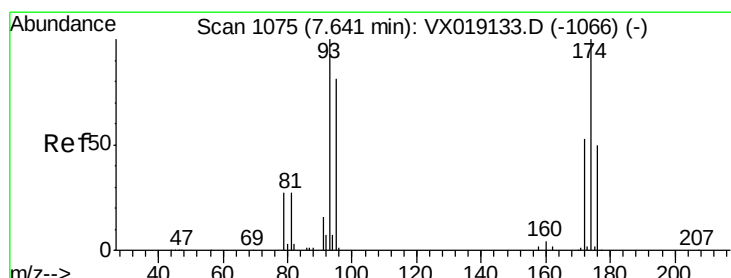
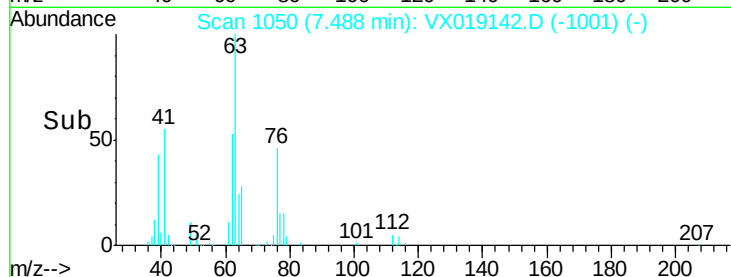
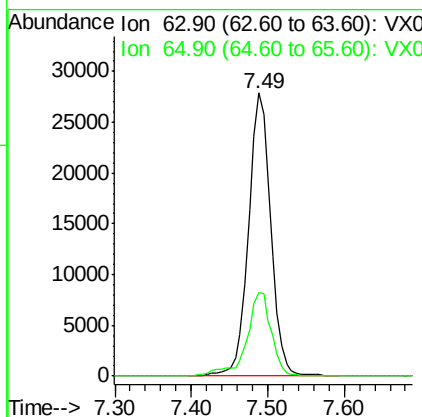
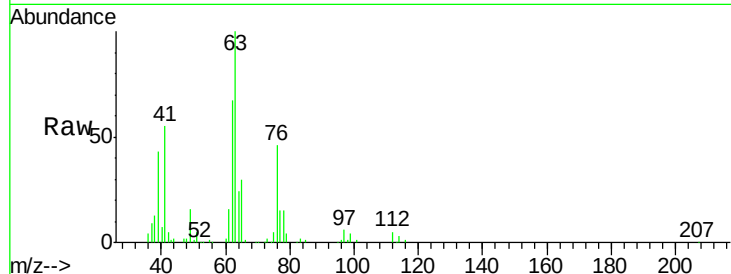
#45
 1,2-Dichloropropane
 Concen: 19.337 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Tot Ion: 63 Resp: 56736
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.2 37.8

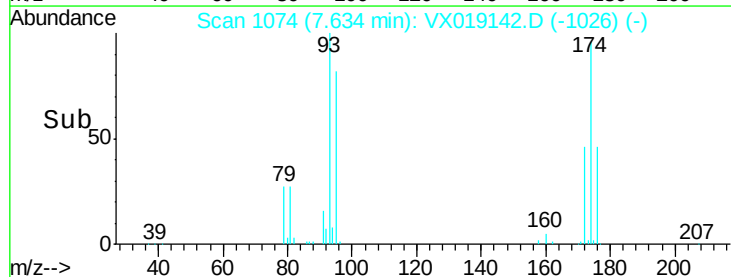
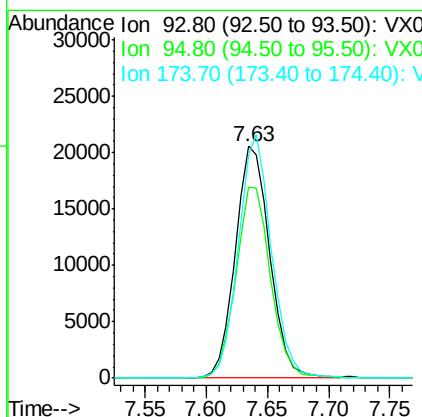
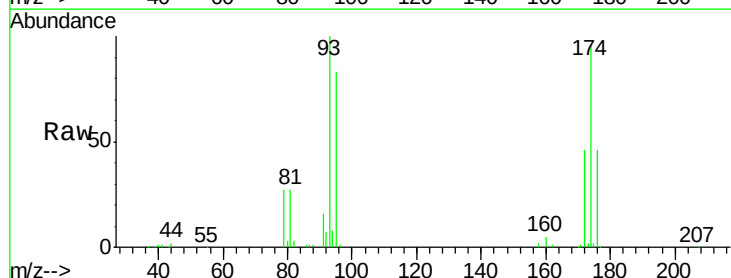
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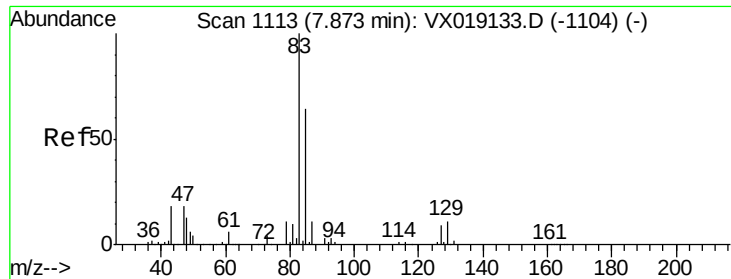
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#46
 Dibromomethane
 Concen: 18.447 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion: 93 Resp: 40025
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.0 100.6
 174 101.1 81.7 122.5





#47

Bromodichloromethane

Concen: 18.649 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

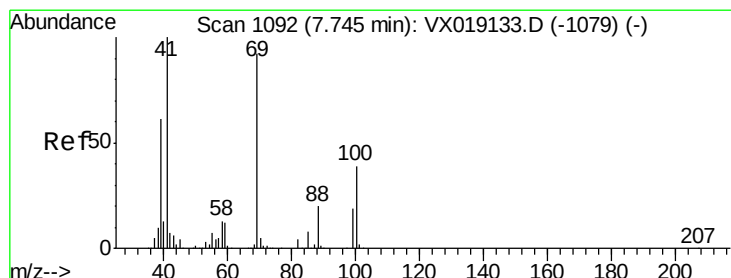
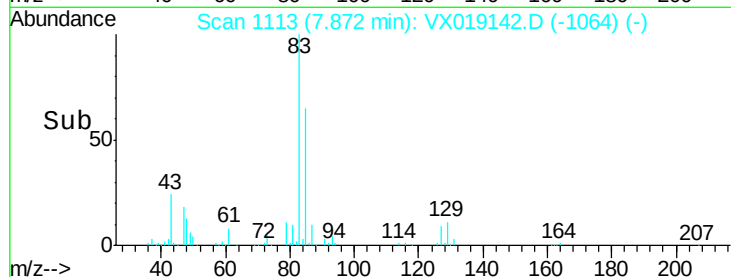
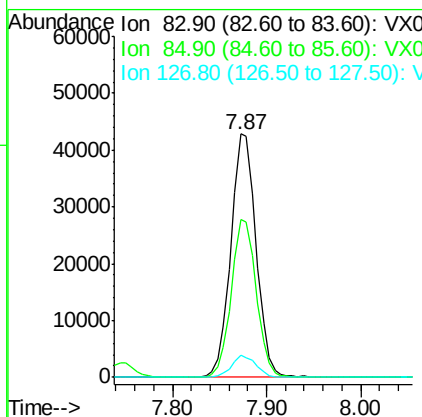
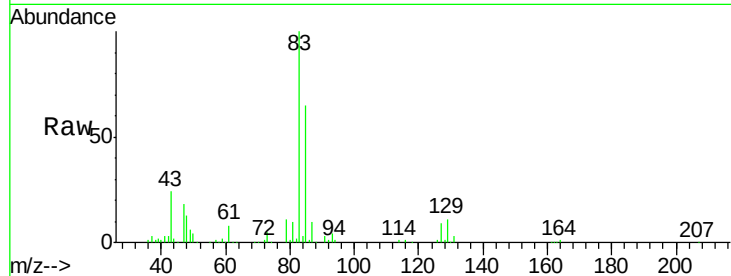
ClientSampleId :

VX1027WBS01

Tot Ion:	83	Resp:	79755
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.2	76.8
127	9.2	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.008 ug/l

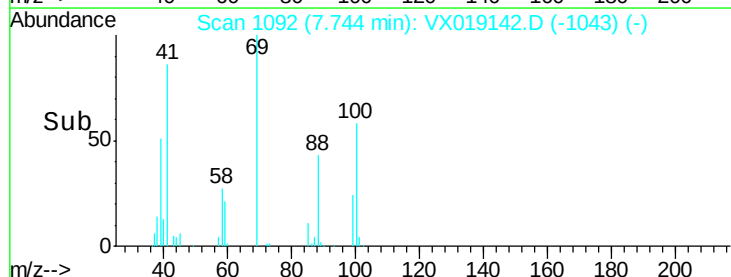
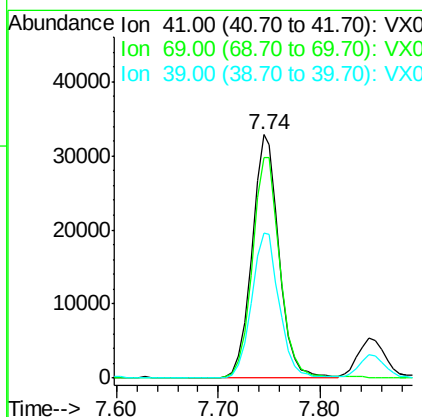
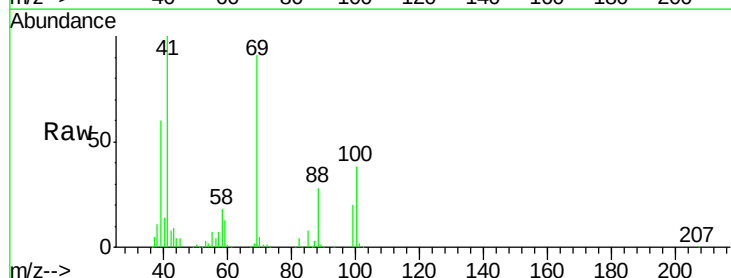
RT: 7.74 min Scan# 1092

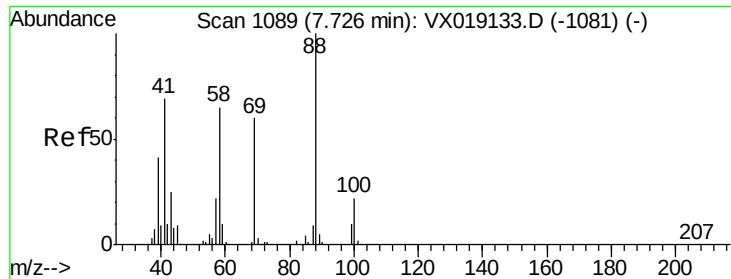
Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Tgt Ion:	41	Resp:	60094
Ion	Ratio	Lower	Upper
41	100		
69	93.1	75.5	113.3
39	61.1	48.9	73.3





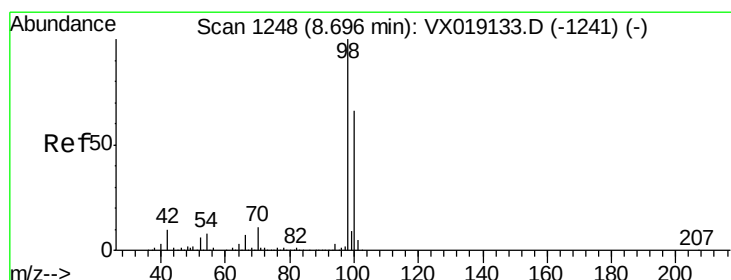
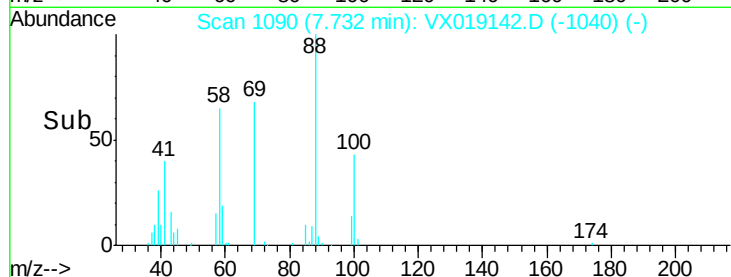
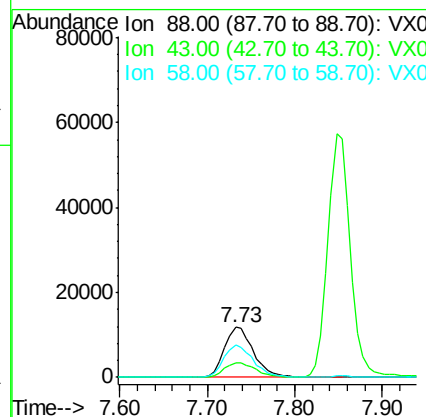
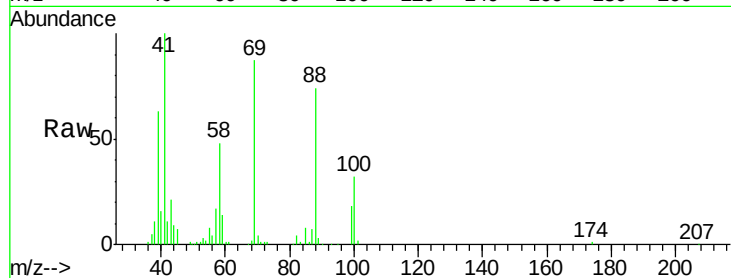
#49
1,4-Dioxane
Concen: 390.158 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.0	34.6
58	65.6	52.2	78.2

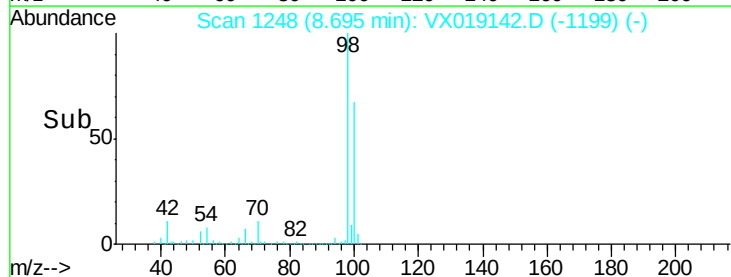
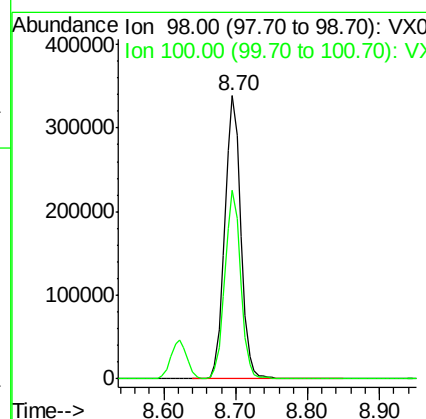
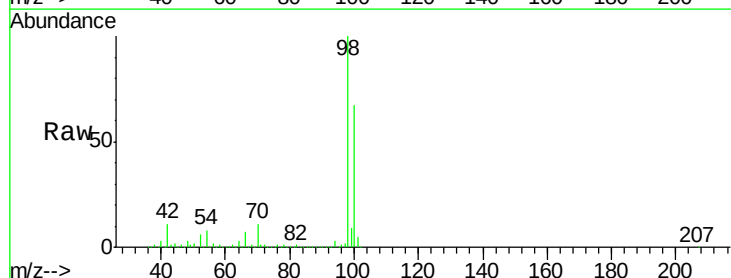
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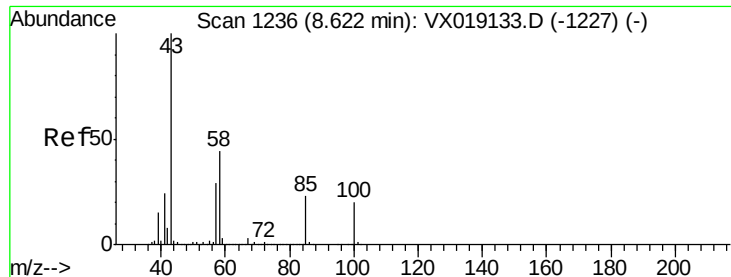
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#50
Toluene-d8
Concen: 48.240 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 99.487 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampled :

VX1027WBS01

Tot Ion: 43 Resp: 375587

Ion Ratio Lower Upper

43 100

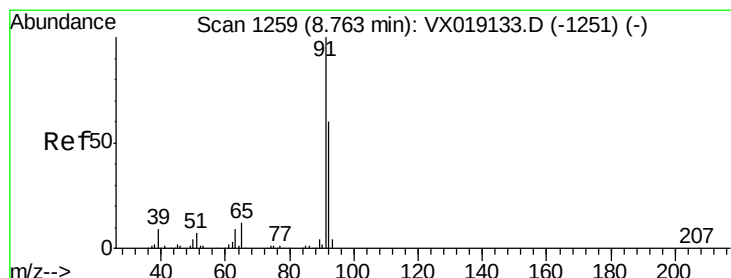
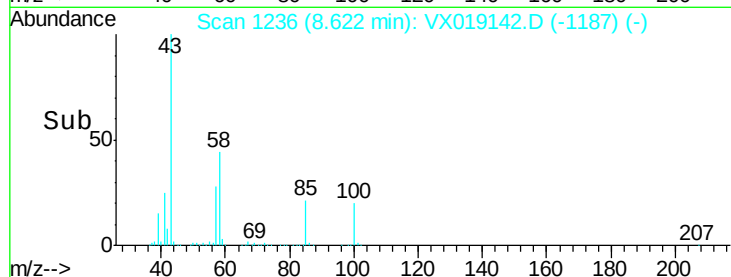
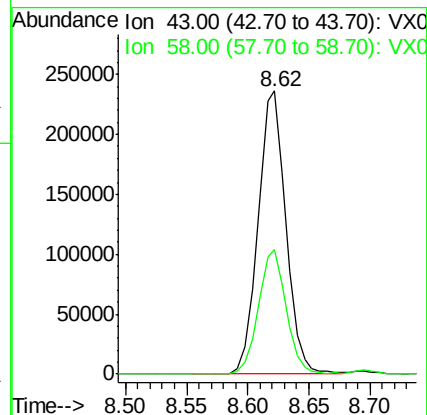
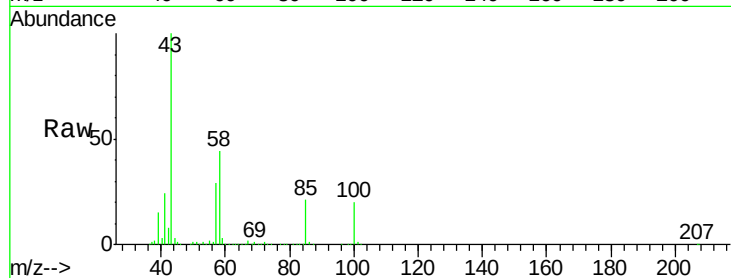
58 43.5 35.0 52.4

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#52

Toluene

Concen: 19.011 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019142.D

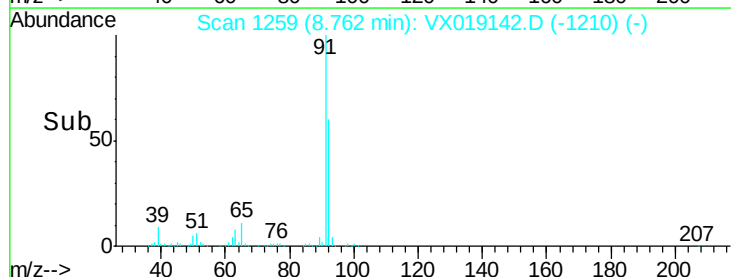
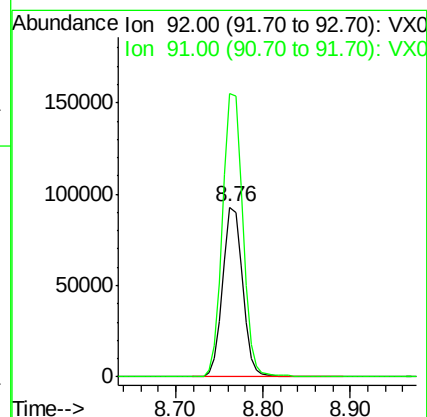
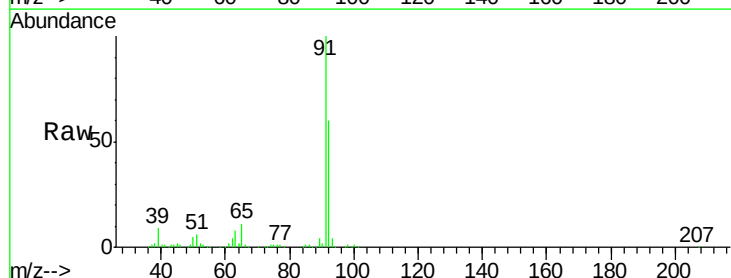
Acq: 27 Oct 2020 17:33

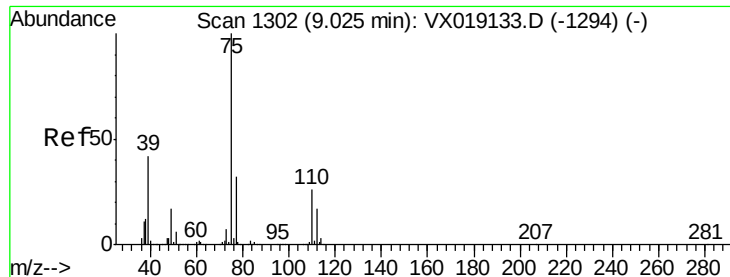
Tgt Ion: 92 Resp: 146677

Ion Ratio Lower Upper

92 100

91 169.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 17.844 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion: 75 Resp: 87163

Ion Ratio Lower Upper

75 100

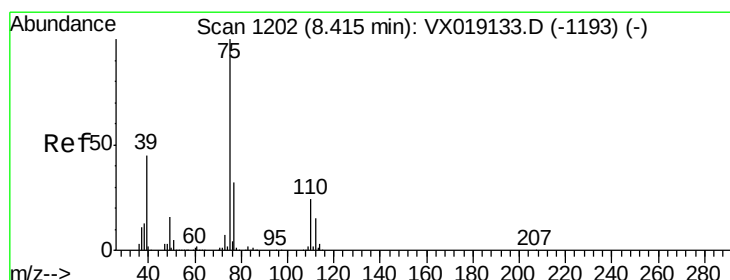
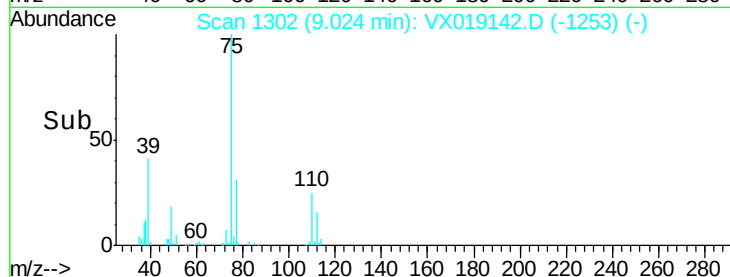
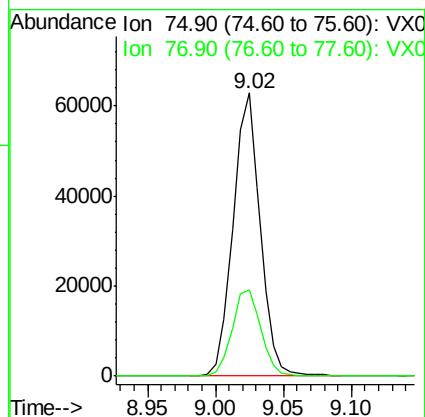
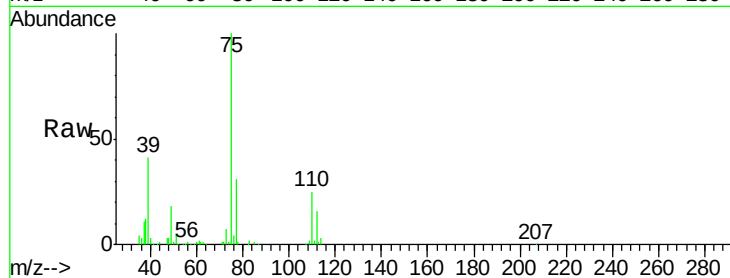
77 30.6 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 18.541 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

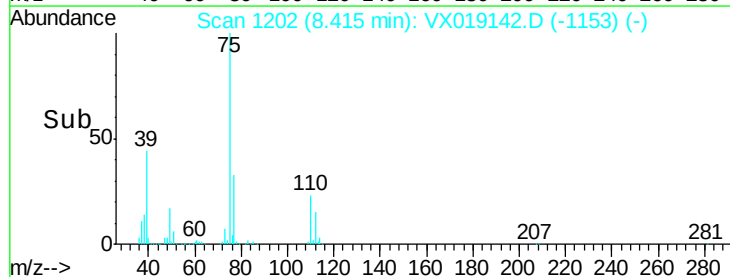
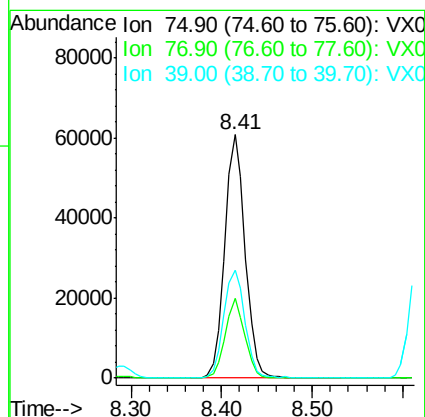
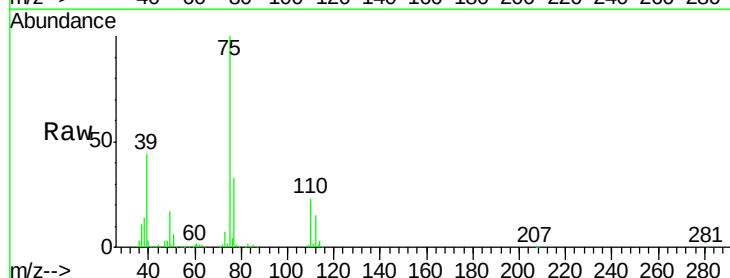
Tgt Ion: 75 Resp: 95237

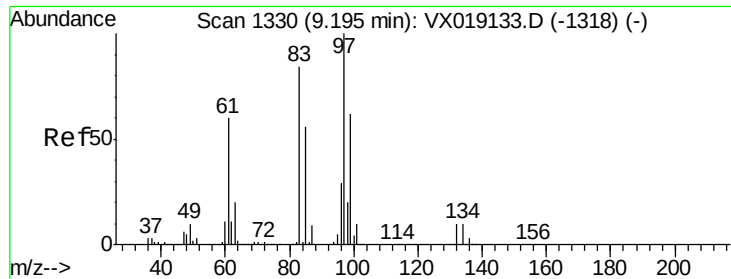
Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

39 44.4 36.2 54.2





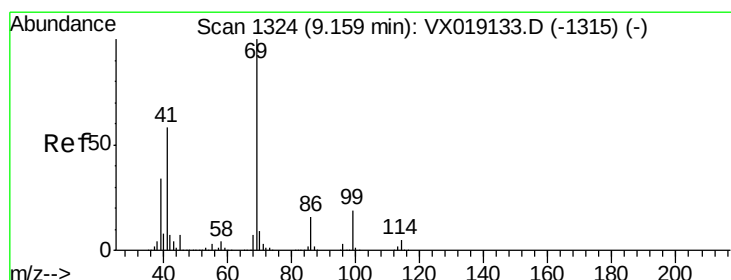
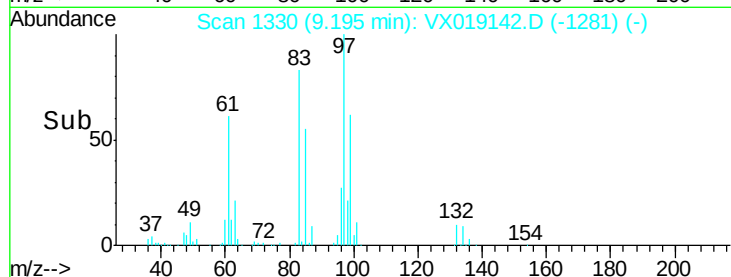
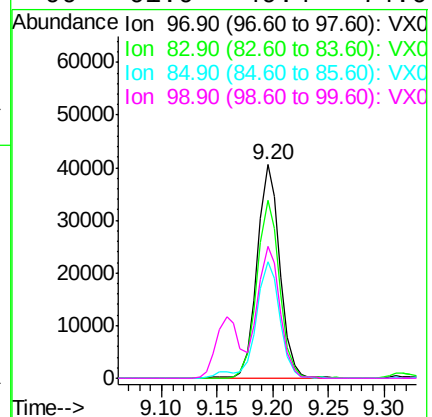
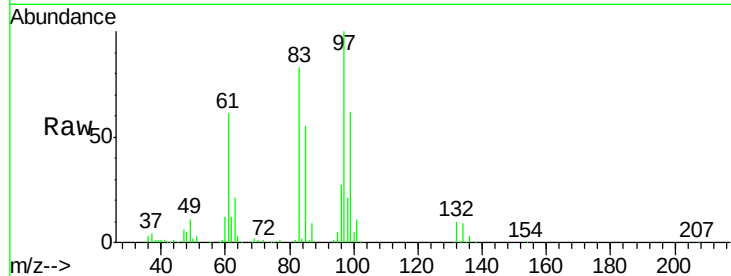
#55
 1,1,2-Trichloroethane
 Concen: 19.021 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Tot Ion:	97	Resp:	57983
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.2	100.8
85	54.6	44.6	67.0
99	61.9	49.4	74.0

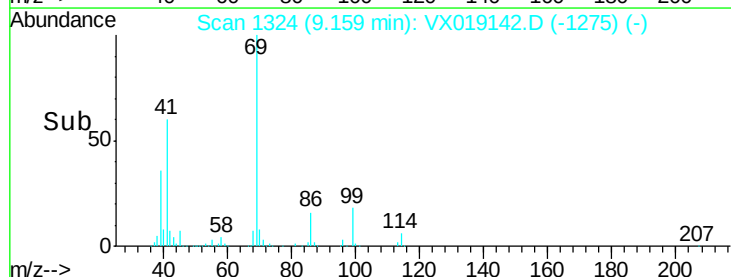
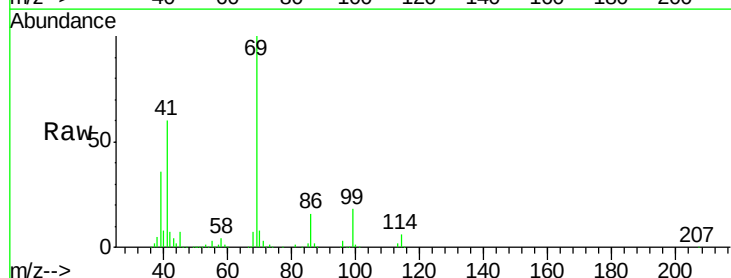
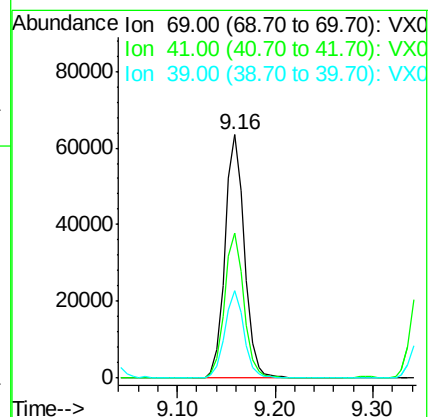
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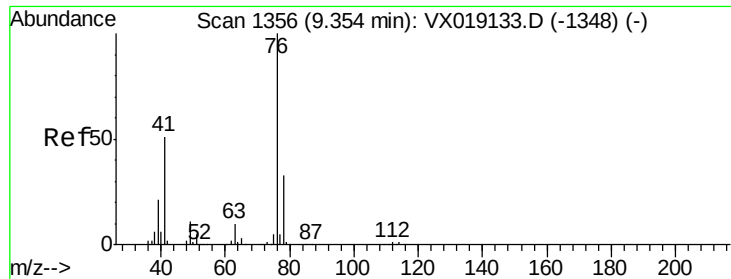
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#56
 Ethyl methacrylate
 Concen: 18.965 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion:	69	Resp:	87324
Ion	Ratio	Lower	Upper
69	100		
41	59.1	46.5	69.7
39	35.5	27.6	41.4





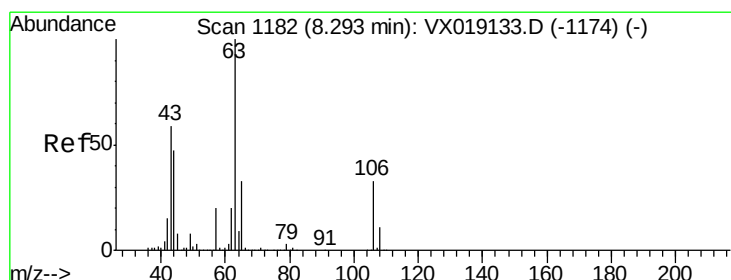
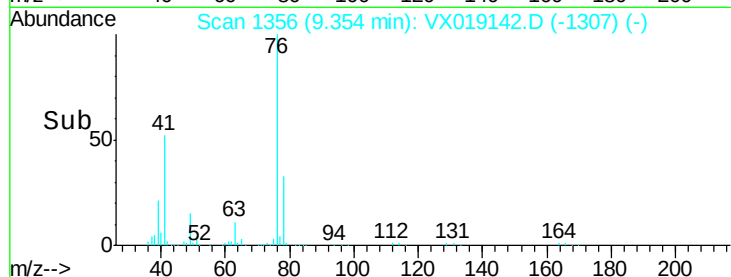
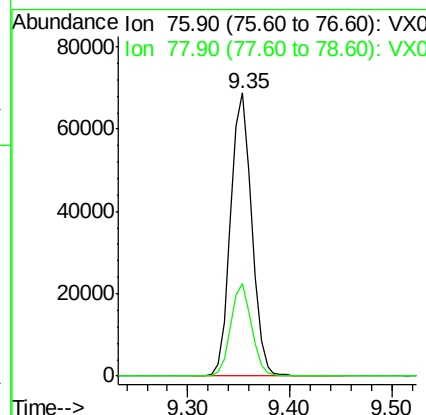
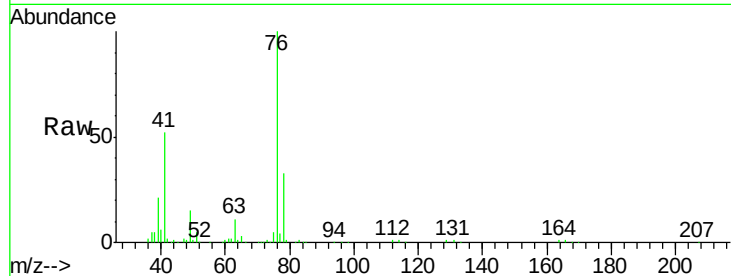
#57
 1,3-Dichloropropane
 Concen: 19.117 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

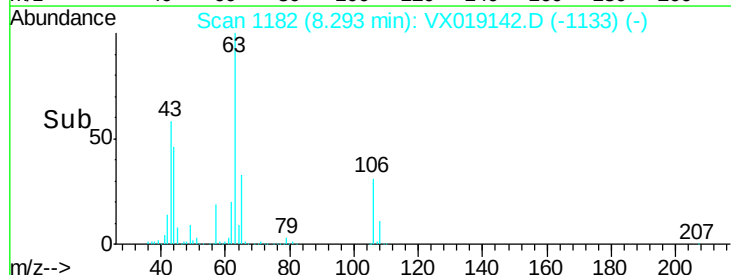
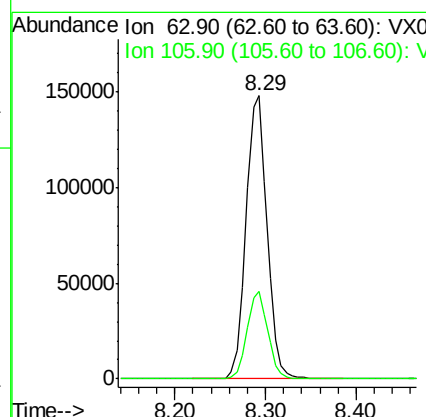
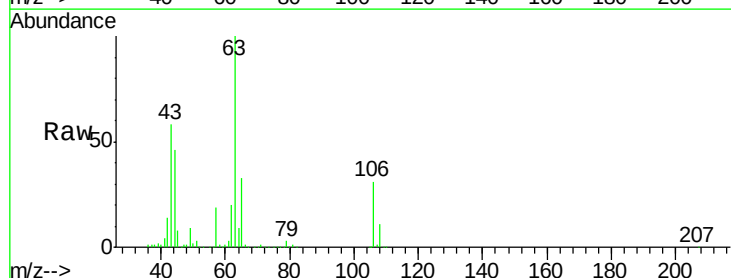
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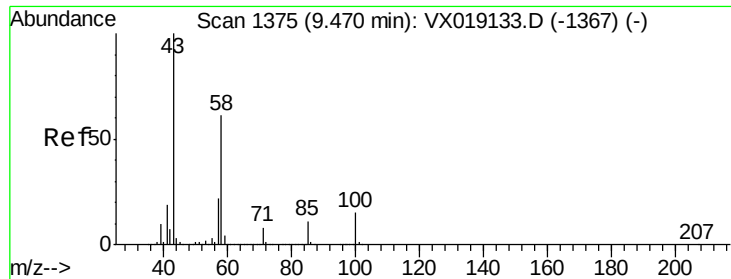
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#58
 2-Chloroethyl Vinyl ether
 Concen: 92.090 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.5	25.1	37.7





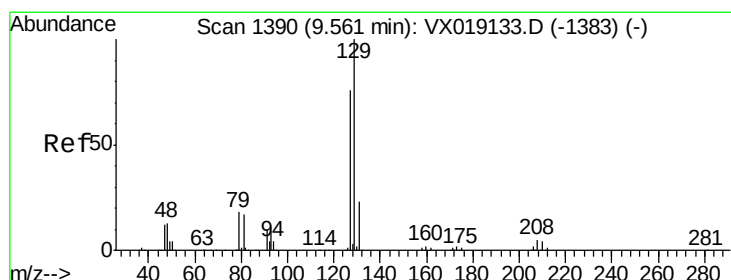
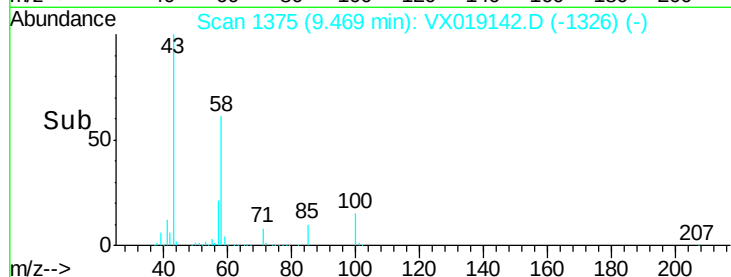
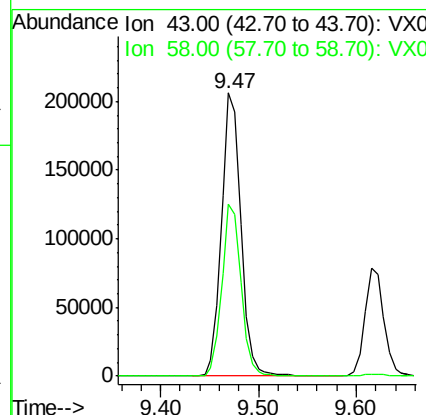
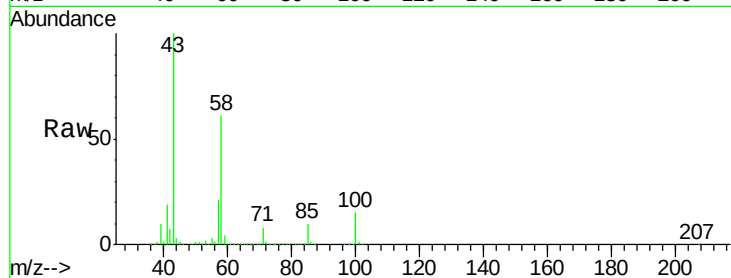
#59
2-Hexanone
Concen: 99.116 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.2	30.5	91.5

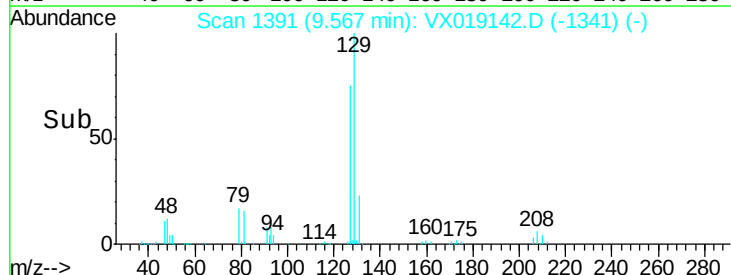
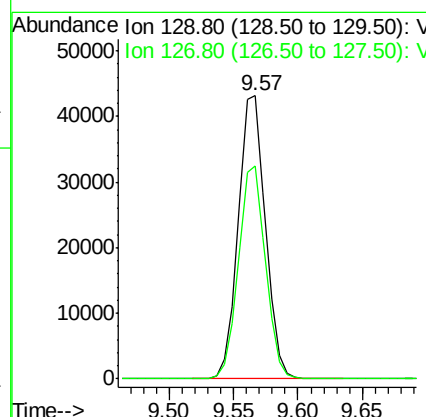
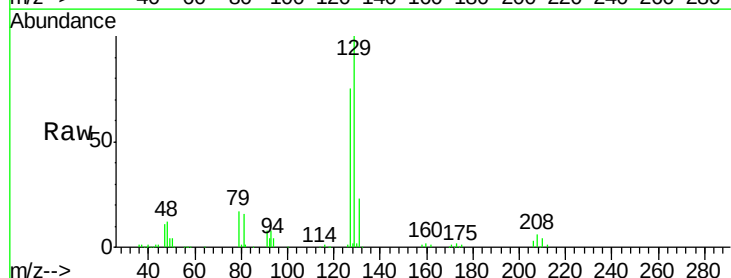
Manual Integrations
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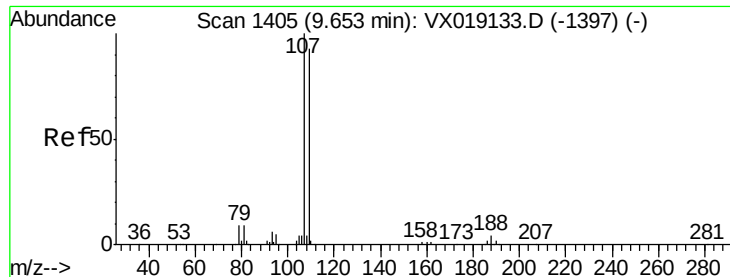
MMDadoda
10/28/2020 12:15:26 PM



#60
Dibromochloromethane
Concen: 19.193 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.9	38.6	115.8





#61

1,2-Dibromoethane

Concen: 19.120 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion:107 Resp: 62327

Ion Ratio Lower Upper

107 100

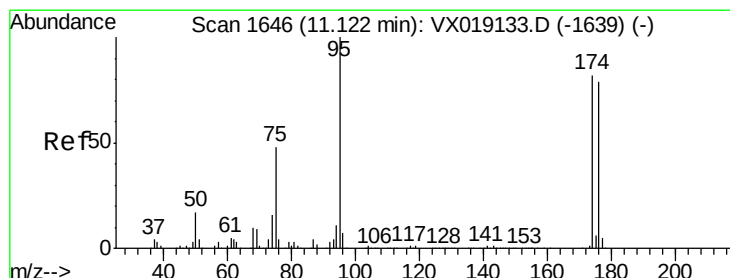
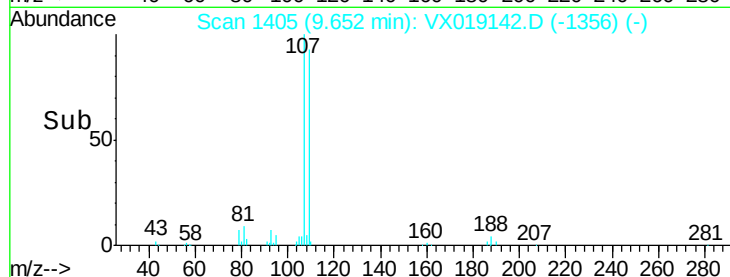
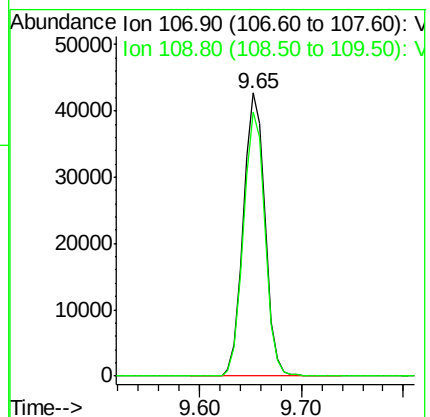
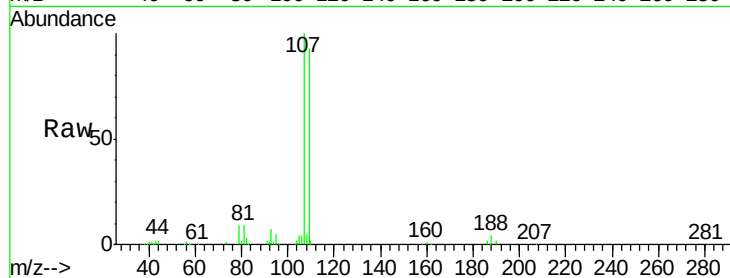
109 92.9 75.9 113.9

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 47.753 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

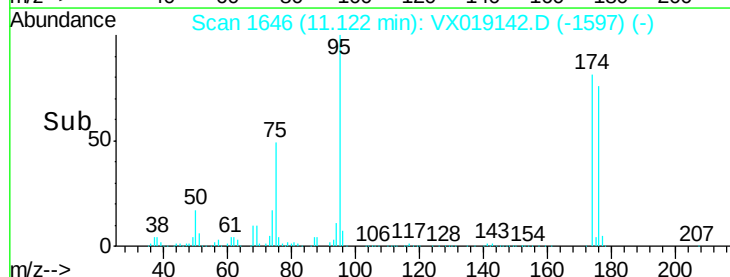
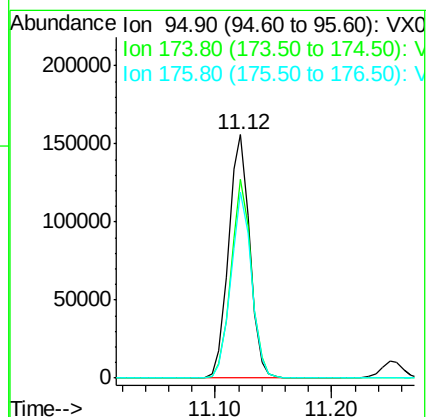
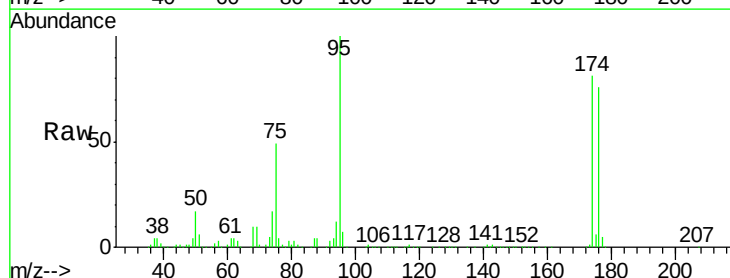
Tgt Ion: 95 Resp: 195921

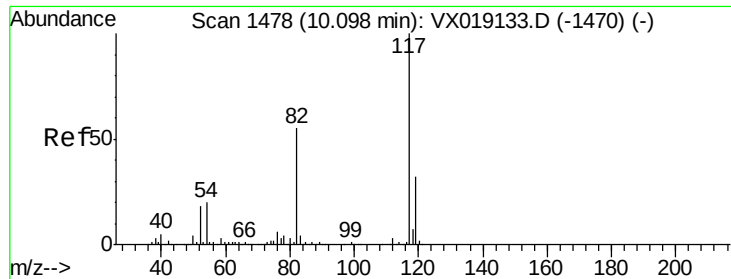
Ion Ratio Lower Upper

95 100

174 79.1 0.0 156.0

176 75.1 0.0 149.8





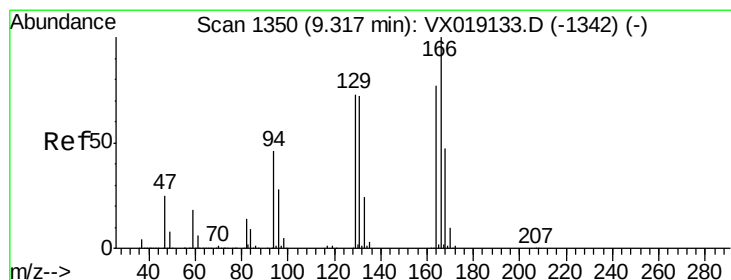
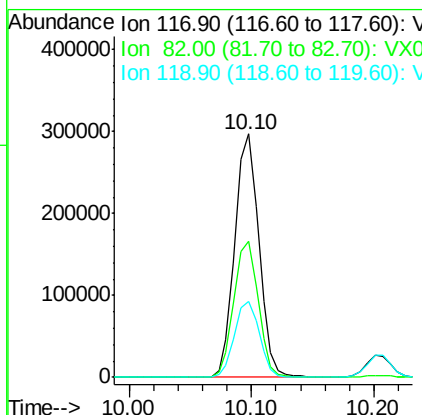
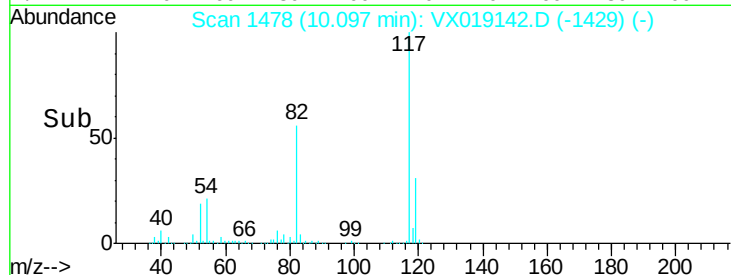
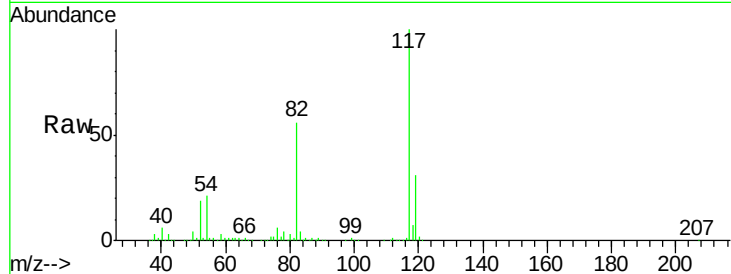
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	55.9	43.6	65.4
119	31.2	25.5	38.3

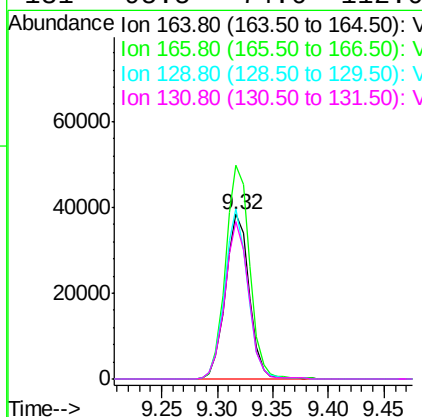
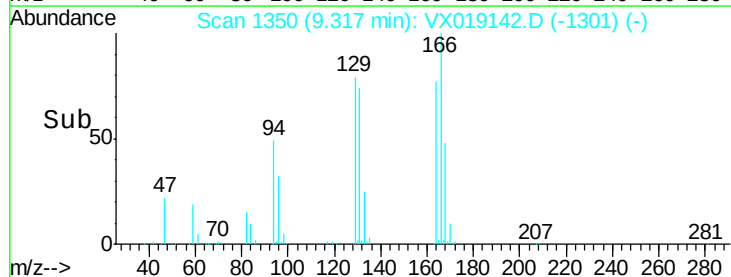
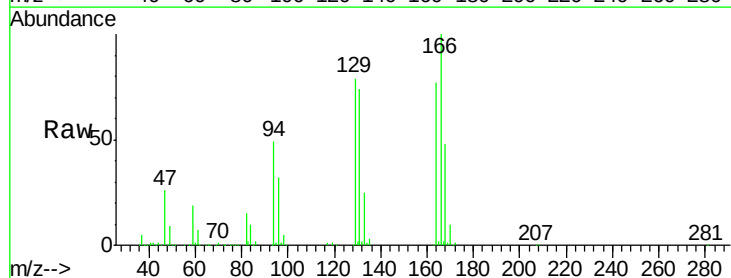
Manual Integrations
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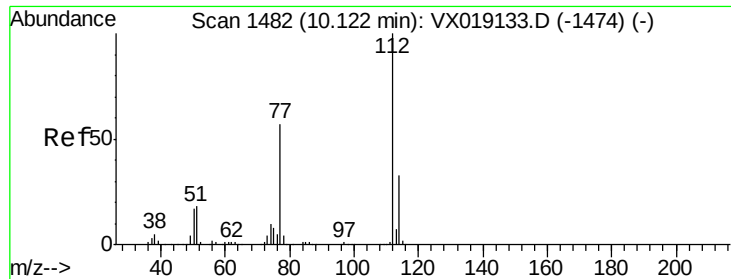
MMDadoda
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#64
Tetrachloroethene
Concen: 18.347 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	129.8	104.1	156.1
129	103.2	76.2	114.4
131	95.5	74.6	112.0





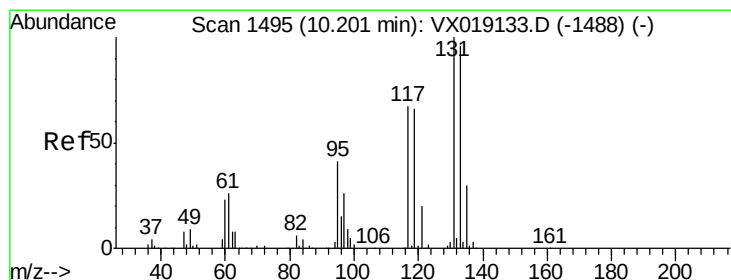
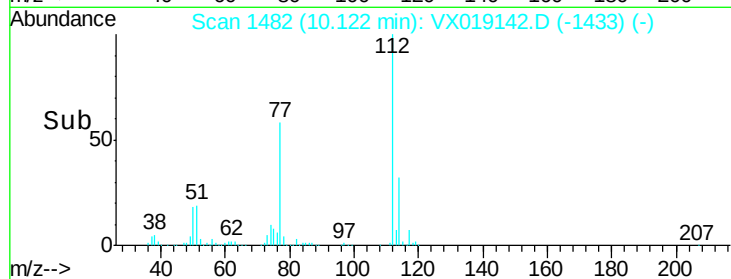
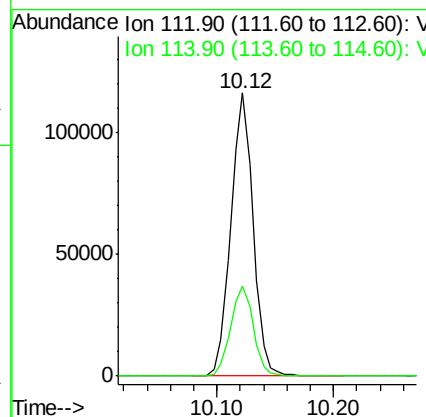
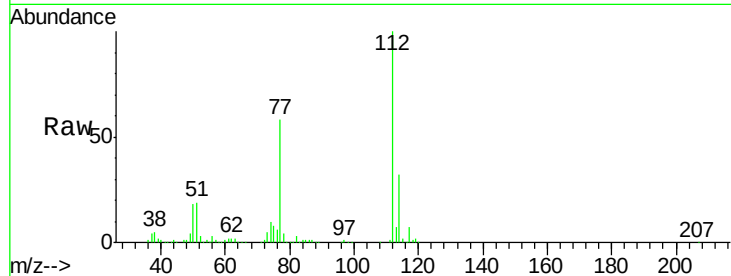
#65
Chlorobenzene
Concen: 18.605 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	153995		
114	31.9	26.1	39.1	

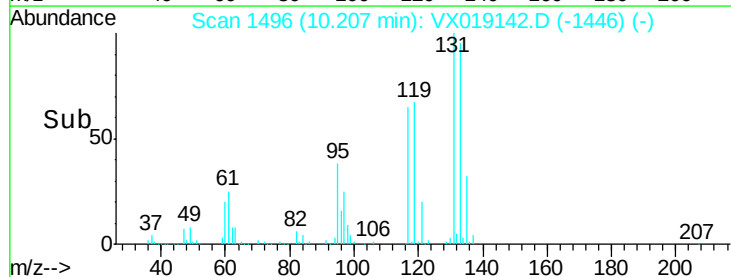
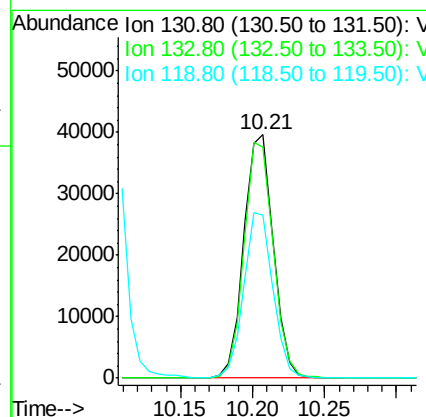
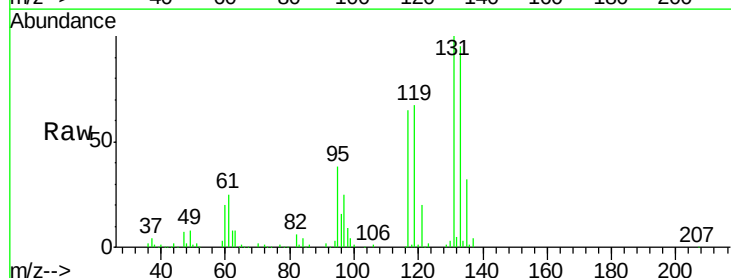
Manual Integrations
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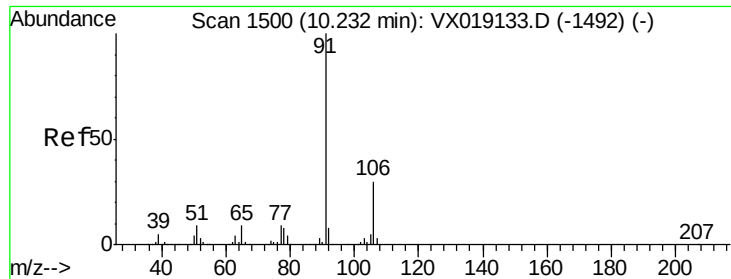
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.852 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	56173		
133	96.4	47.3	141.8	
119	67.4	32.3	96.9	





#67

Ethyl Benzene

Concen: 19.001 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion: 91 Resp: 280241

Ion Ratio Lower Upper

91 100

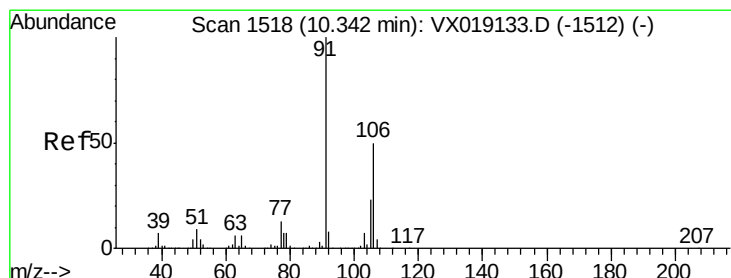
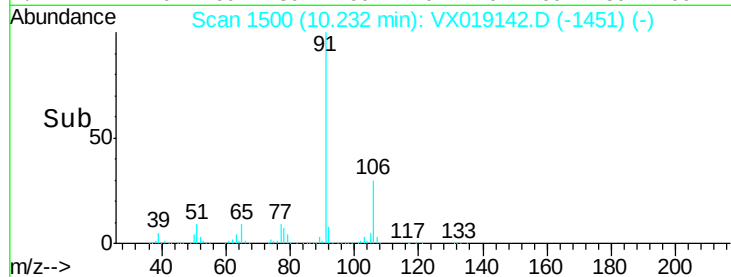
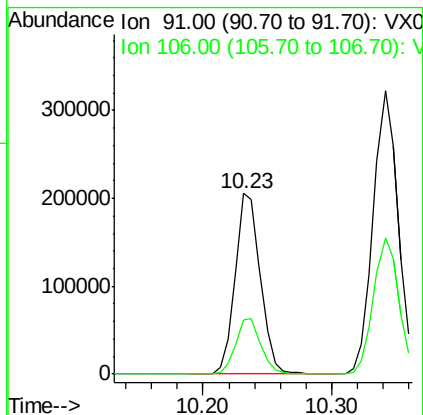
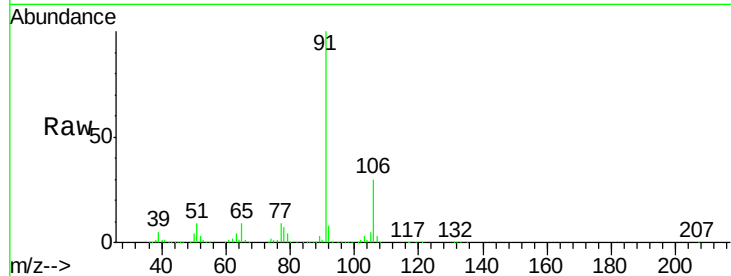
106 30.0 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.250 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019142.D

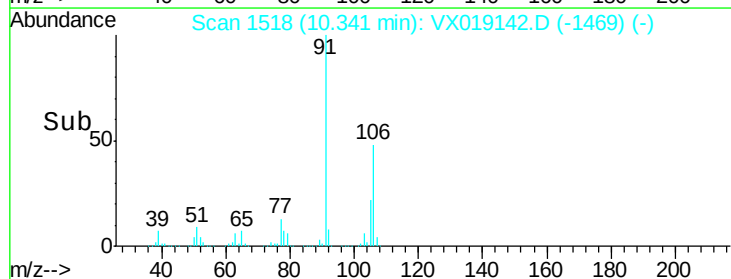
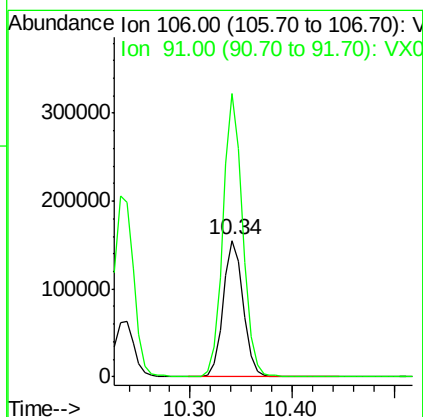
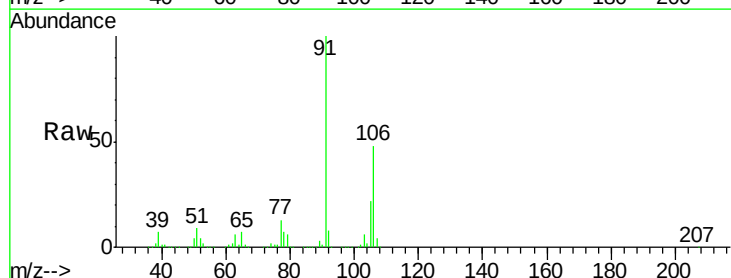
Acq: 27 Oct 2020 17:33

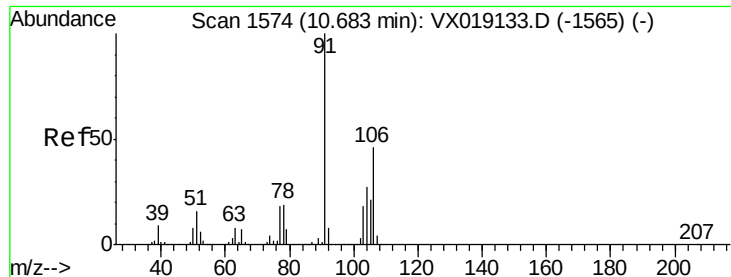
Tgt Ion: 106 Resp: 211734

Ion Ratio Lower Upper

106 100

91 203.4 161.0 241.4





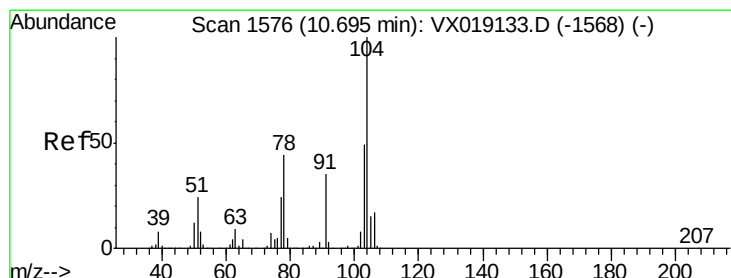
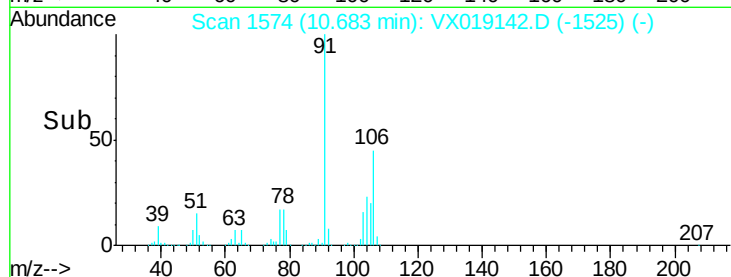
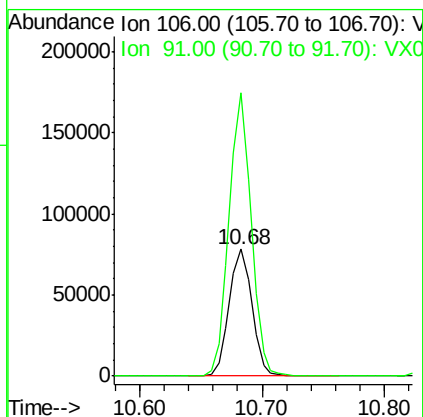
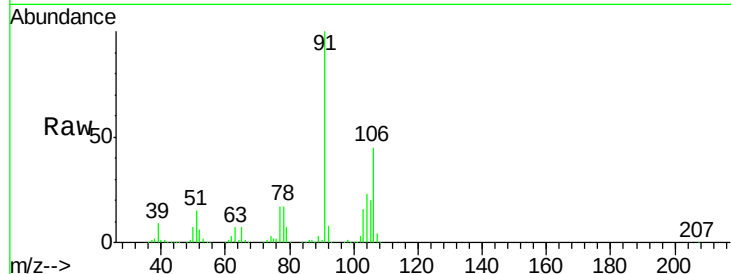
#69
o-Xylene
Concen: 19.283 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	216.3	108.3	324.8		

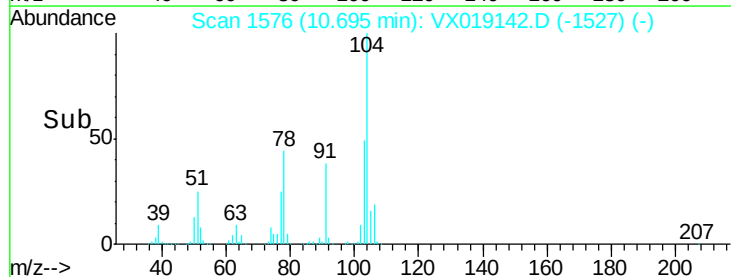
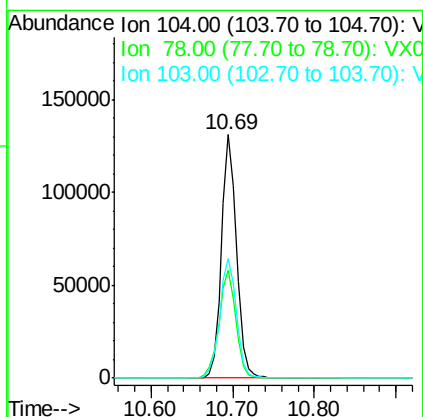
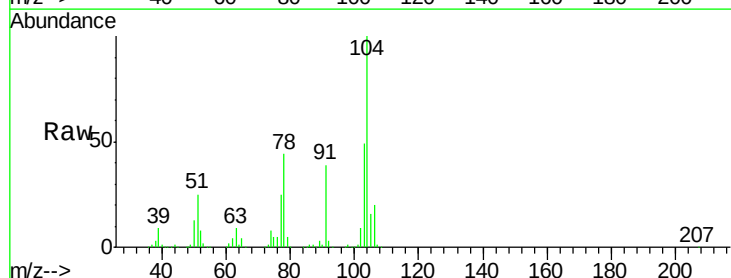
Manual Integrations
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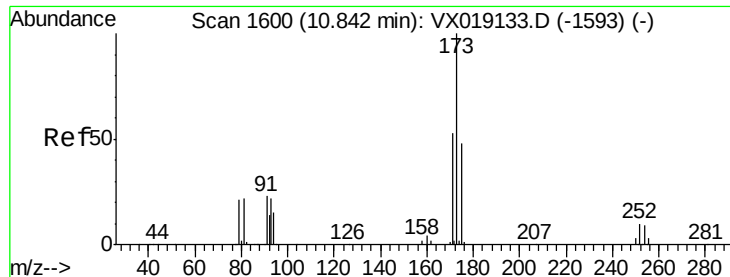
MMDadoda
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#70
Styrene
Concen: 18.909 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	50.1	40.0	60.0		
103	54.8	43.5	65.3		





#71

Bromoform

Concen: 17.797 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion:173 Resp: 42045

Ion Ratio Lower Upper

173 100

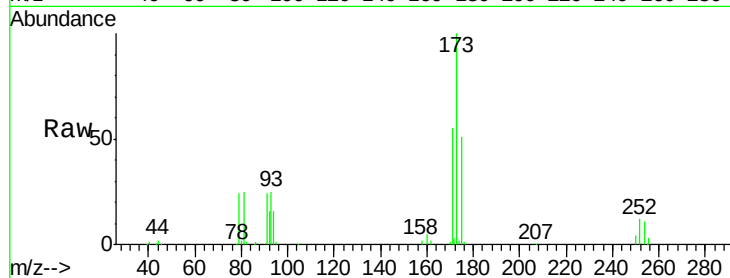
175 50.5 24.4 73.4

254 0.2 0.1 0.1#

Manual Integrations
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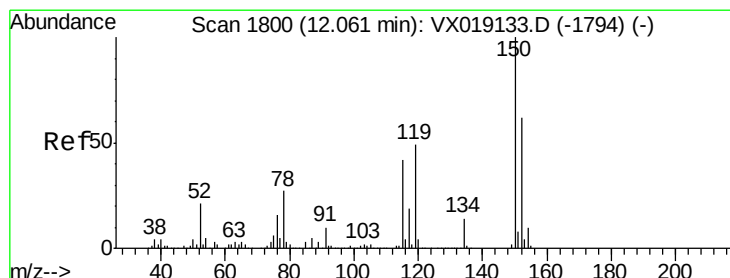
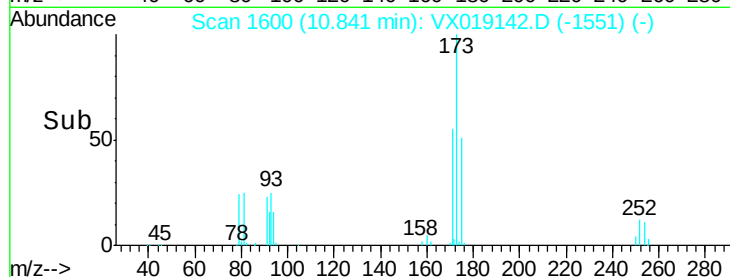
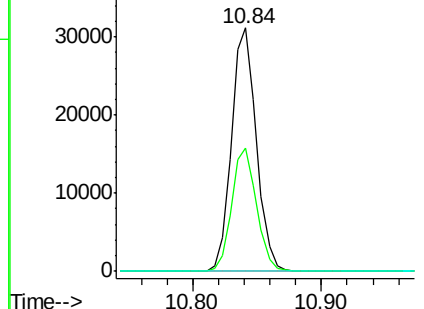
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX019142.D

Acq: 27 Oct 2020 17:33

Tgt Ion:152 Resp: 203750

Ion Ratio Lower Upper

152 100

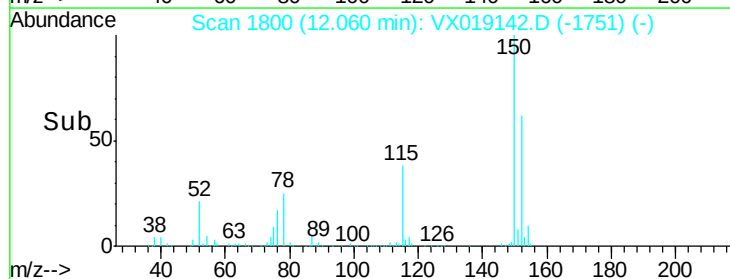
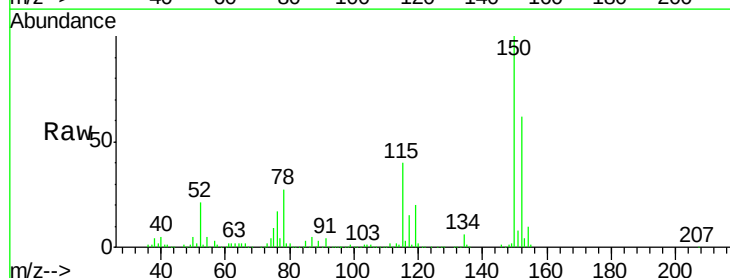
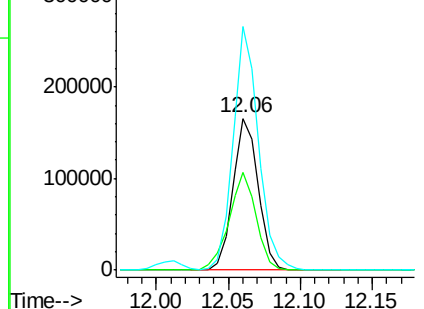
115 68.8 41.9 125.7

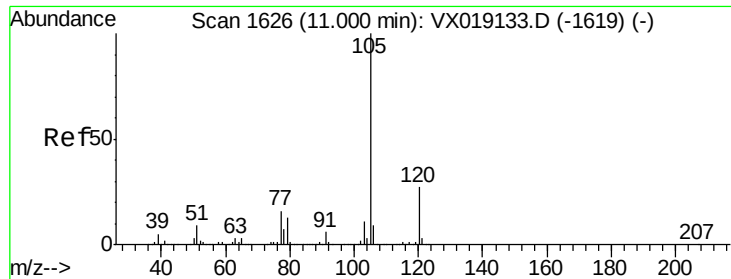
150 161.2 0.0 347.8

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: 19.079 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion: 105 Resp: 275169

Ion Ratio Lower Upper

105 100

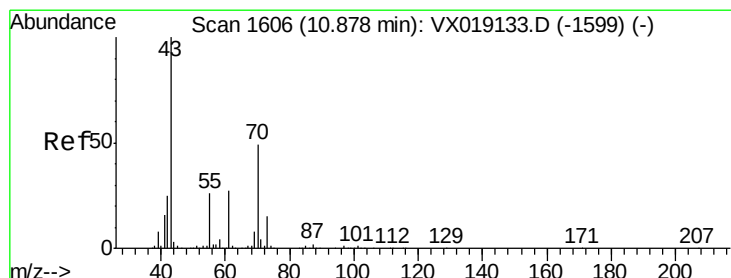
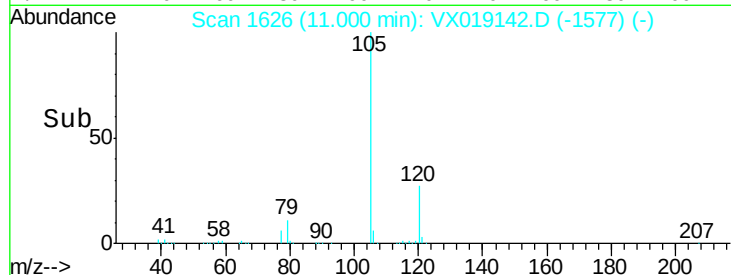
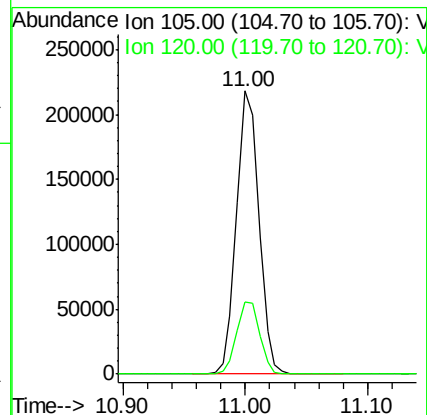
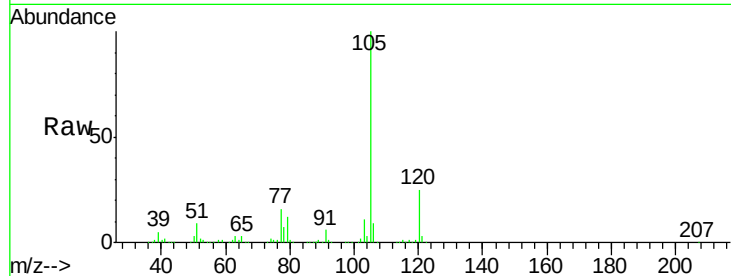
120 26.1 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.296 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Tgt Ion: 43 Resp: 101754

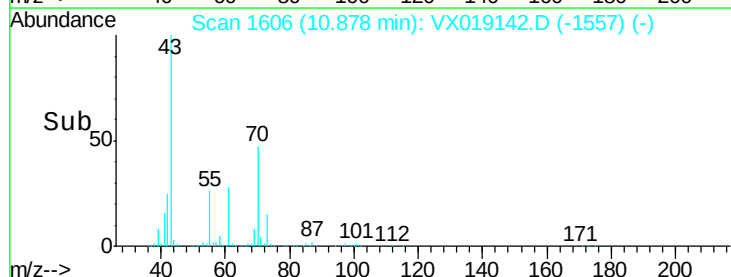
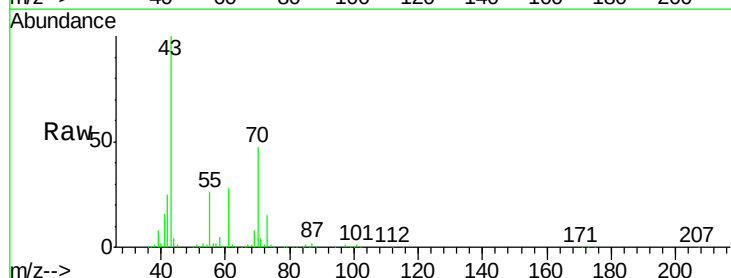
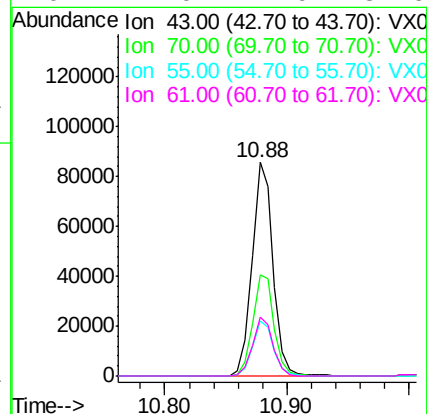
Ion Ratio Lower Upper

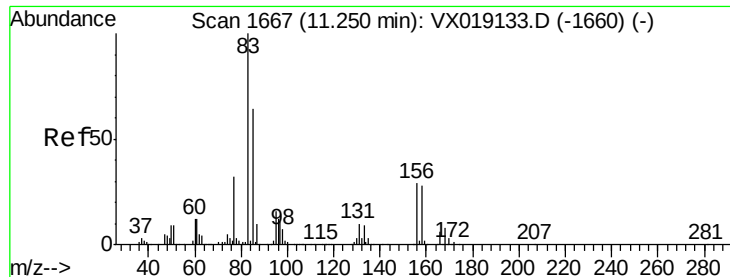
43 100

70 48.6 39.6 59.4

55 25.9 20.7 31.1

61 27.0 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.476 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

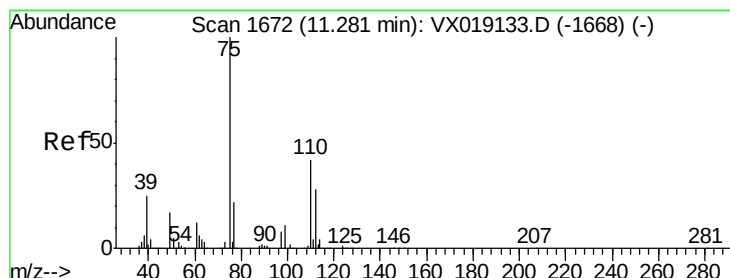
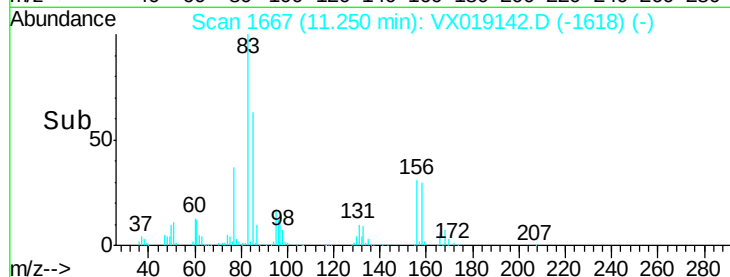
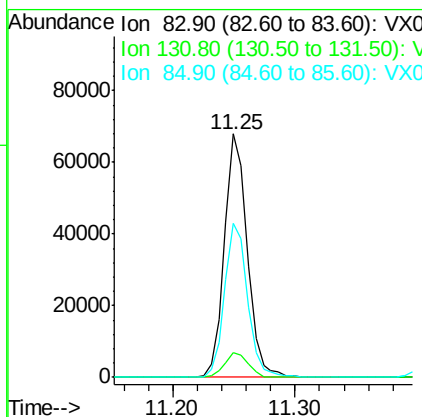
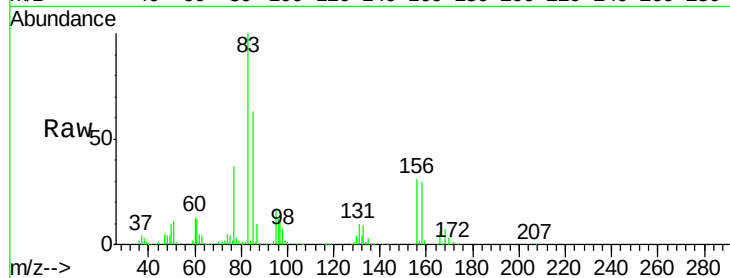
ClientSampleId :

VX1027WBS01

Tot Ion:	83	Resp:	87784
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.2	15.6
85	63.8	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.270 ug/l m

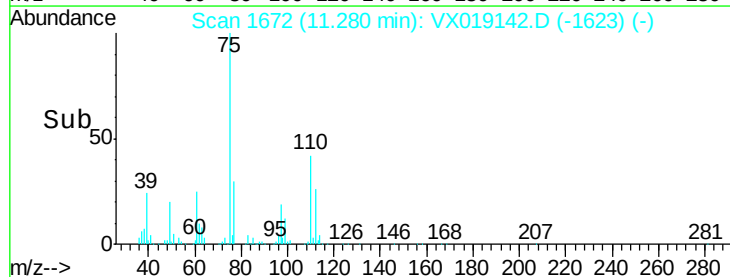
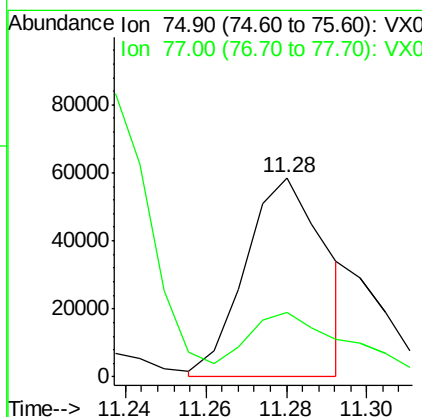
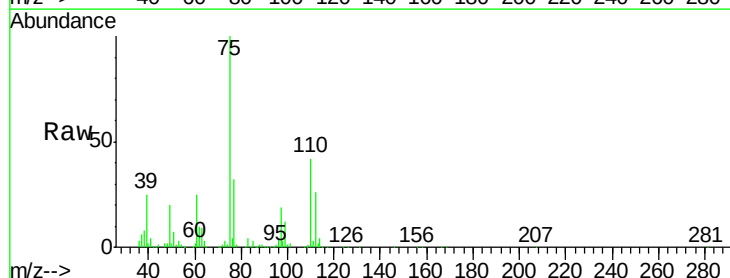
RT: 11.28 min Scan# 1672

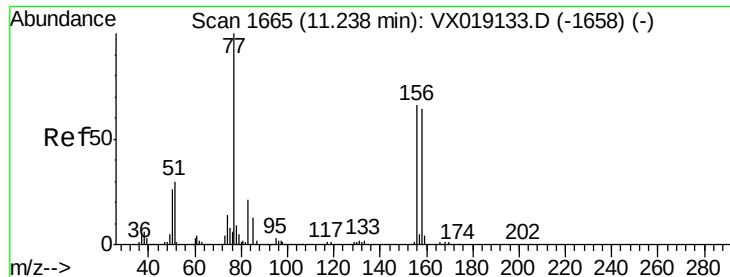
Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Tgt Ion:	75	Resp:	81070
Ion	Ratio	Lower	Upper
75	100		
77	40.6	20.3	60.9





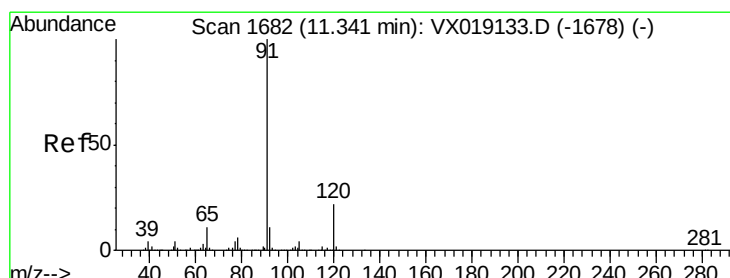
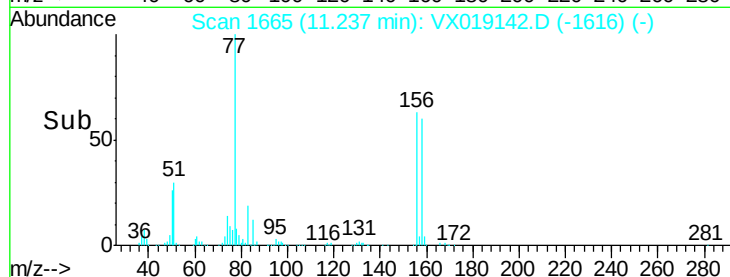
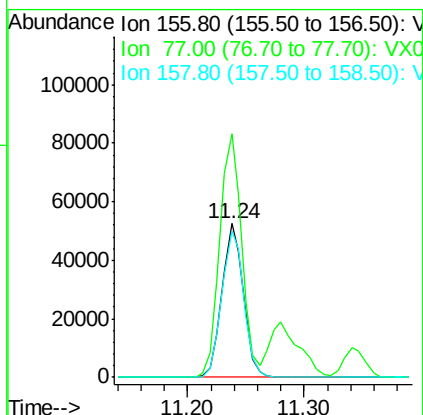
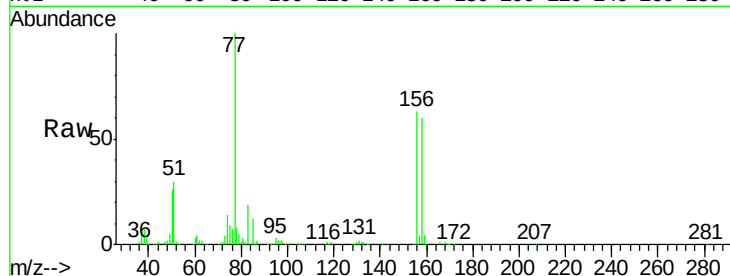
#77
Bromobenzene
Concen: 18.497 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.8	77.7	233.1
158	97.7	48.3	144.8

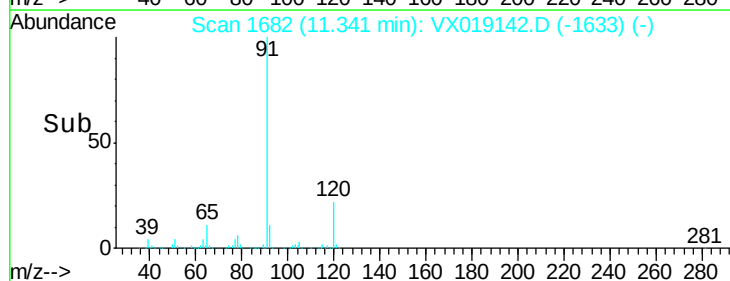
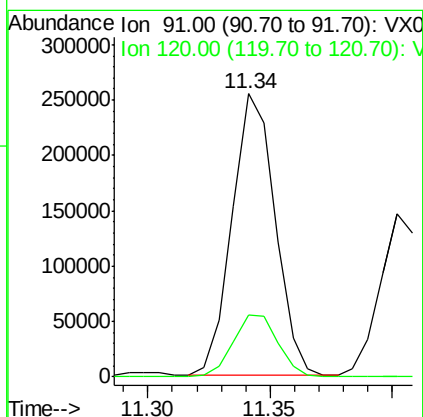
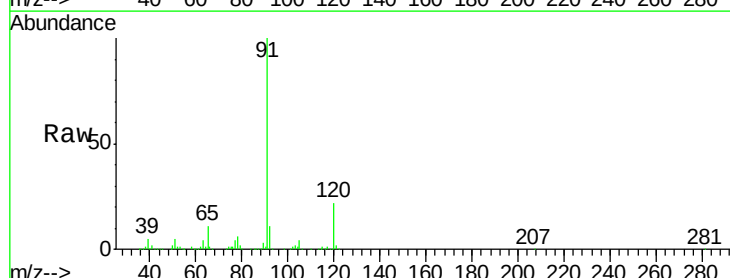
Manual Integrations
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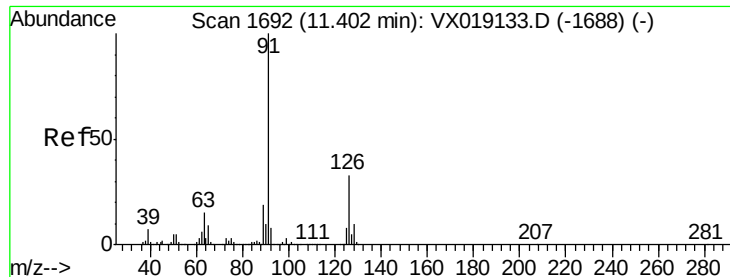
MMDadoda
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#78
n-propylbenzene
Concen: 18.996 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.045 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampled :

VX1027WBS01

Tot Ion: 91 Resp: 184598

Ion Ratio Lower Upper

91 100

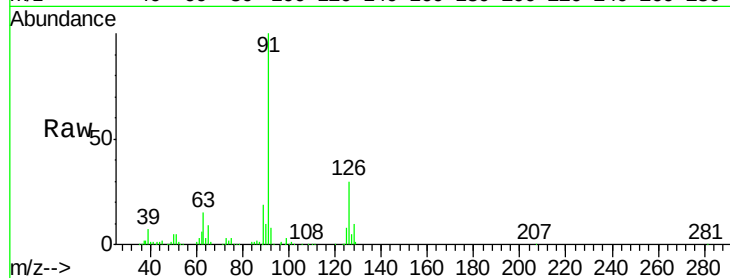
126 33.2 16.9 50.7

Manual Integrations

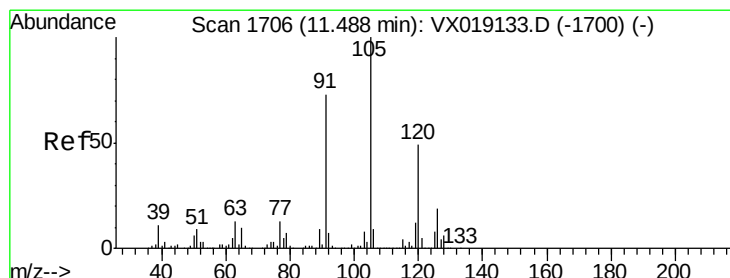
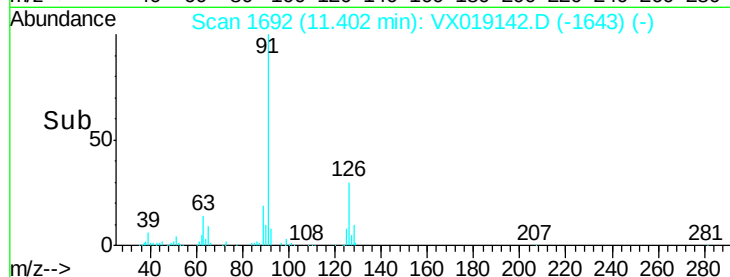
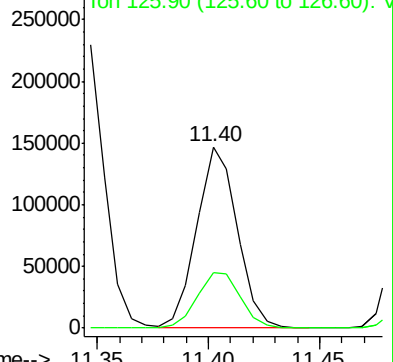
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Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.855 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019142.D

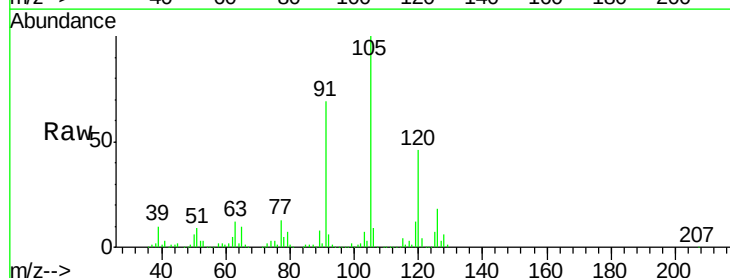
Acq: 27 Oct 2020 17:33

Tgt Ion: 105 Resp: 229725

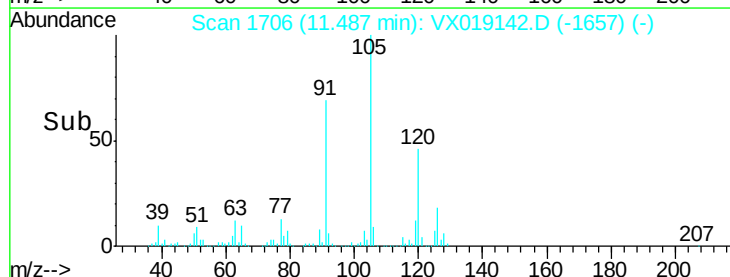
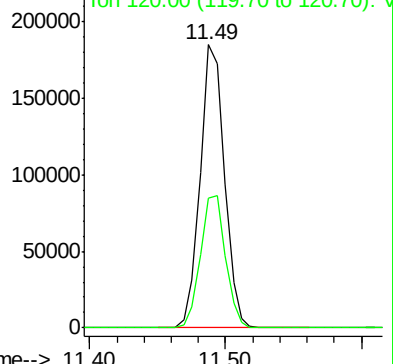
Ion Ratio Lower Upper

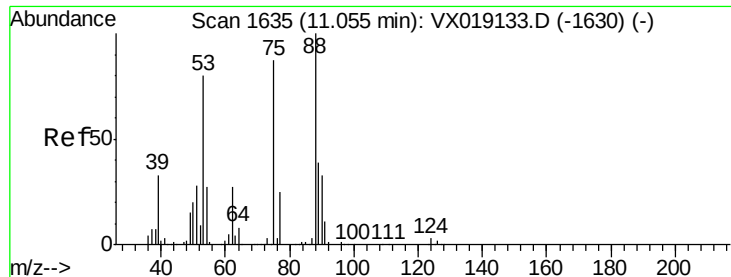
105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.289 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion: 75 Resp: 27624

Ion Ratio Lower Upper

75 100

53 94.1 73.3 109.9

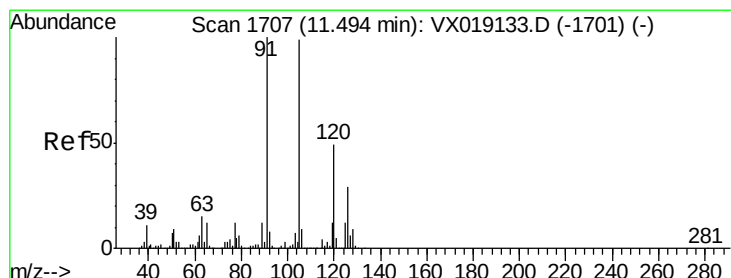
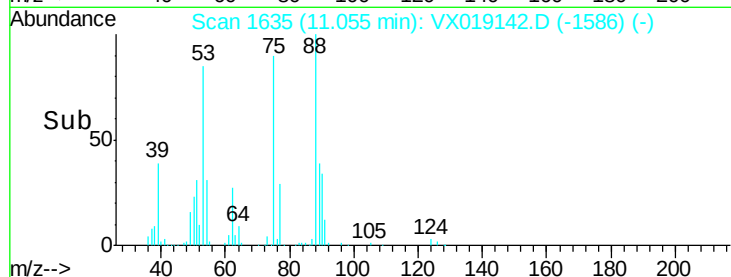
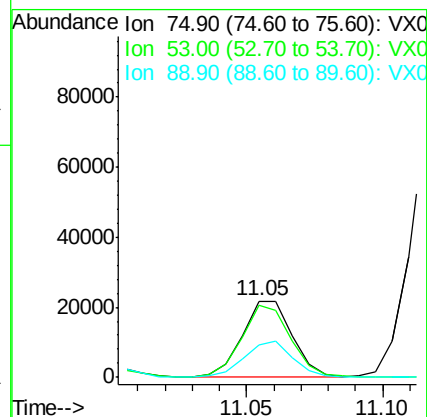
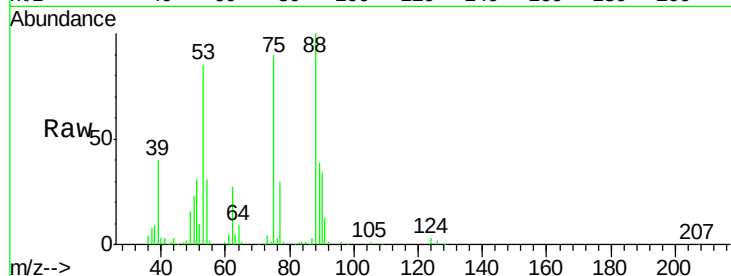
89 46.3 38.2 57.2

Manual Integrations

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#82

4-Chlorotoluene

Concen: 18.421 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019142.D

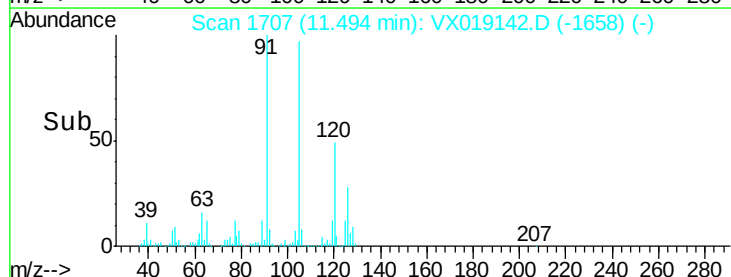
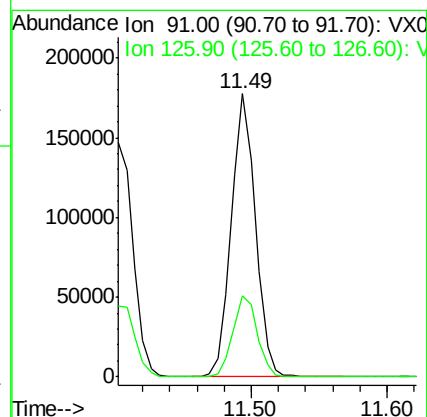
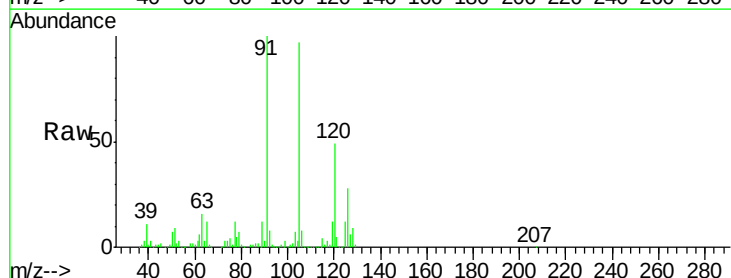
Acq: 27 Oct 2020 17:33

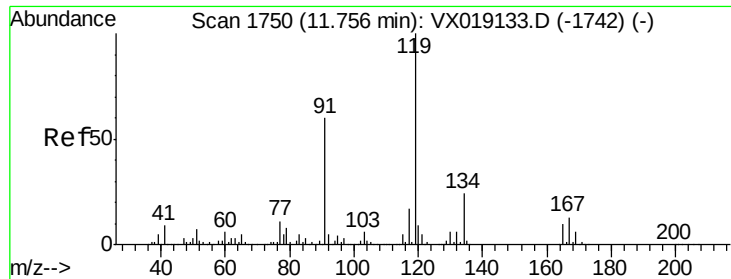
Tgt Ion: 91 Resp: 218036

Ion Ratio Lower Upper

91 100

126 29.1 14.8 44.4





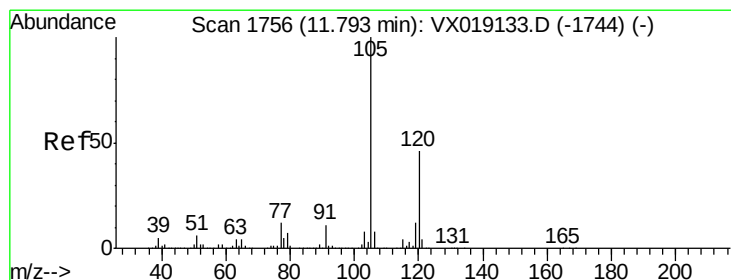
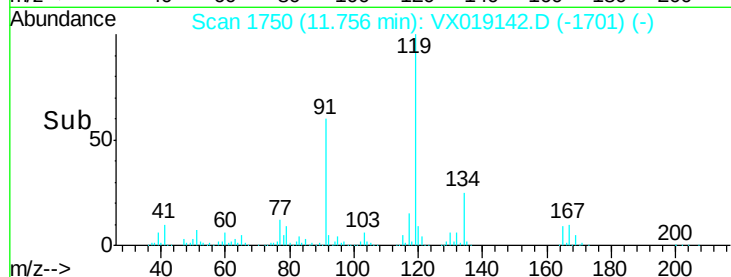
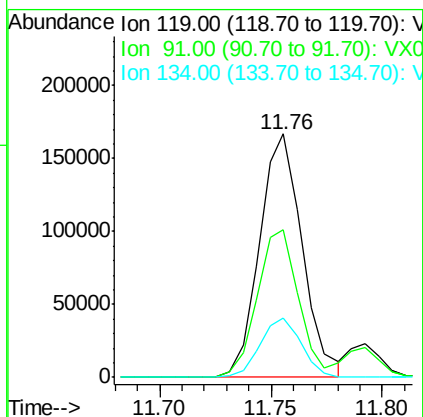
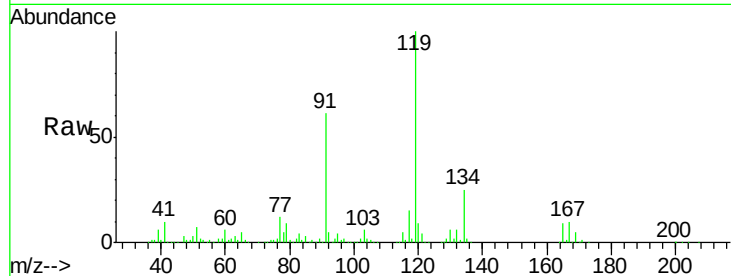
#83
tert-Butylbenzene
Concen: 19.022 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	221914		
91	58.7	29.0	87.1	
134	23.5	11.7	35.0	

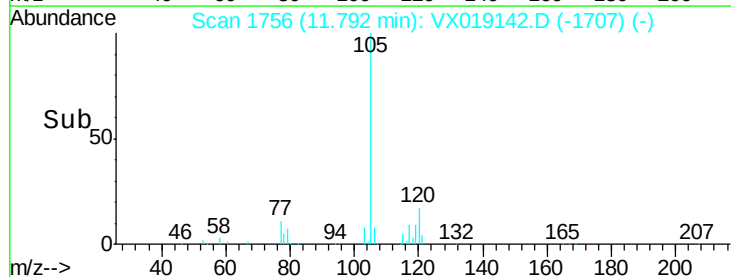
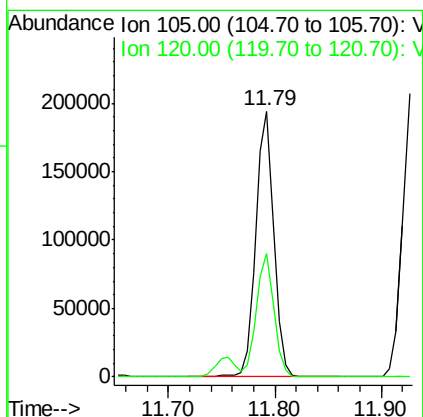
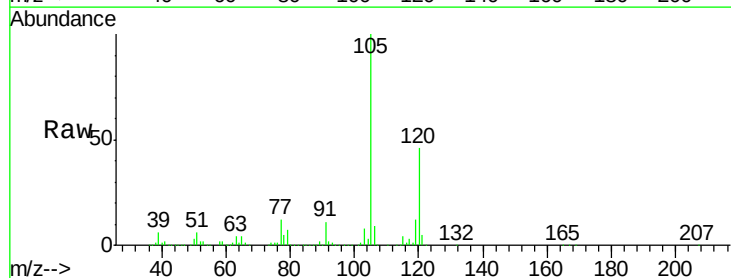
Manual Integrations
APPROVED

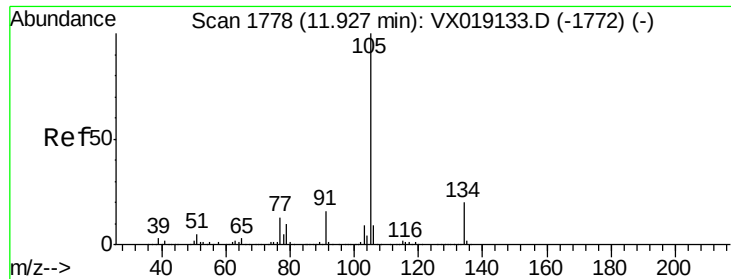
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#84
1,2,4-Trimethylbenzene
Concen: 18.725 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	230331		
120	45.5	22.4	67.3	





#85

sec-Butylbenzene

Concen: 19.010 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

VX1027WBS01

Tot Ion:105 Resp: 265988

Ion Ratio Lower Upper

105 100

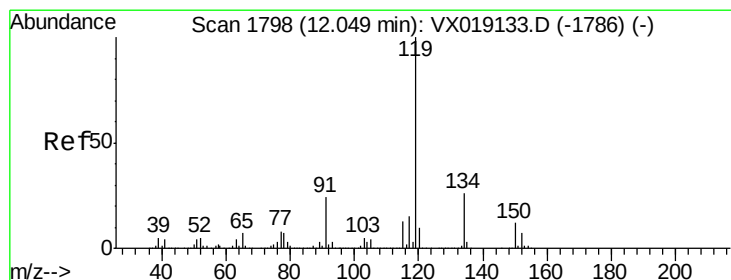
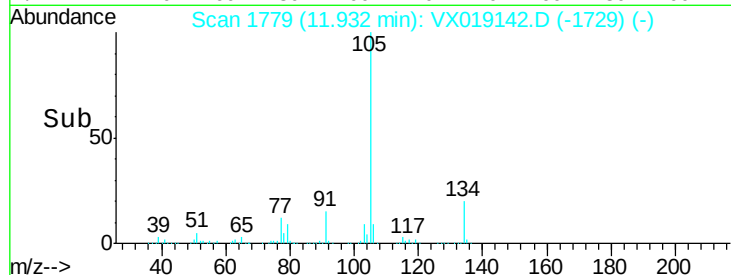
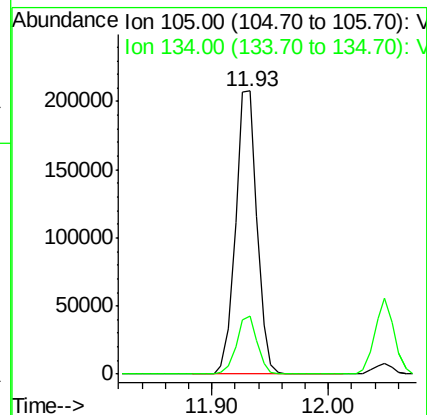
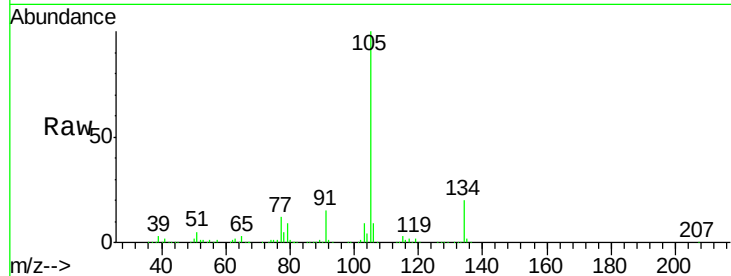
134 19.8 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.991 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019142.D

Acq: 27 Oct 2020 17:33

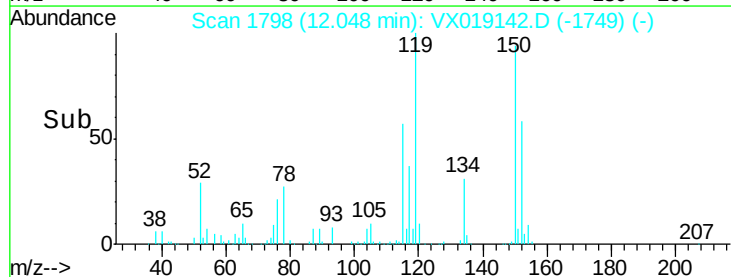
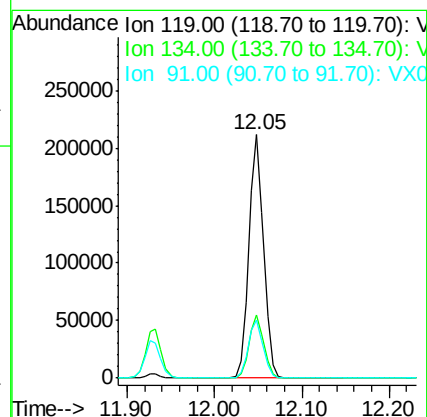
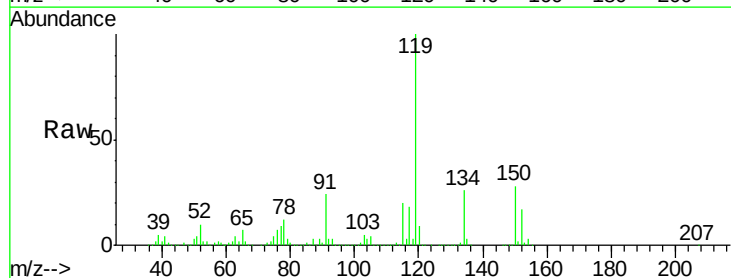
Tgt Ion:119 Resp: 245262

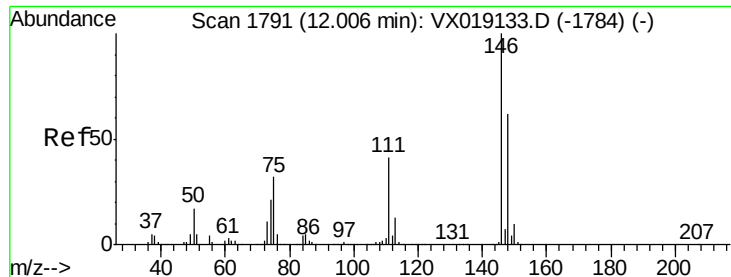
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

91 24.4 12.0 36.0





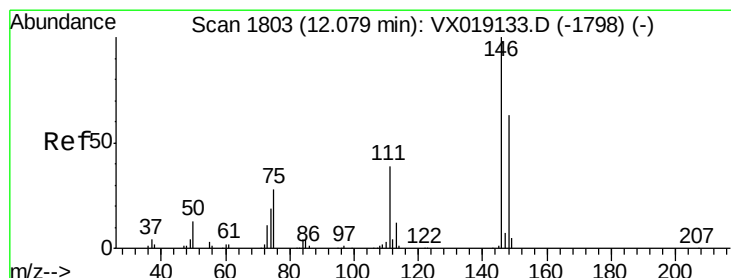
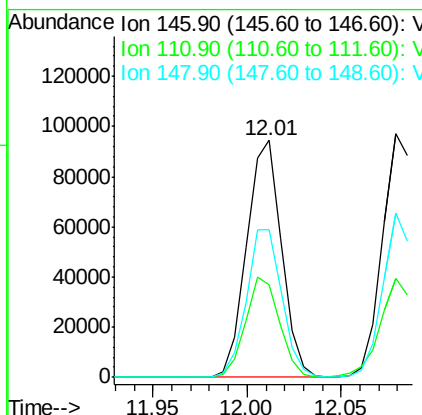
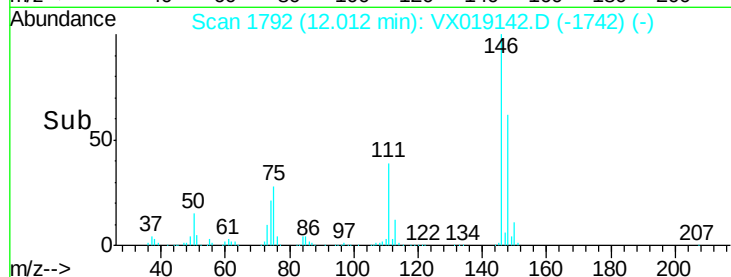
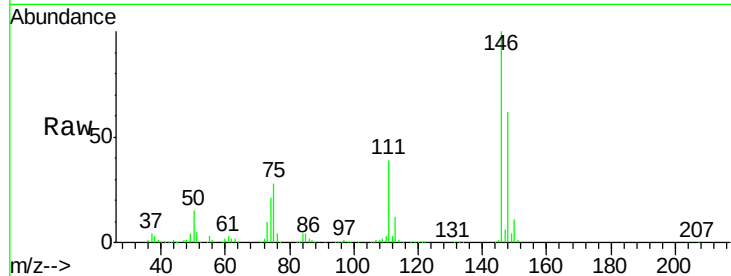
#87
 1,3-Dichlorobenzene
 Concen: 18.195 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.2
148	63.6	31.6	94.8

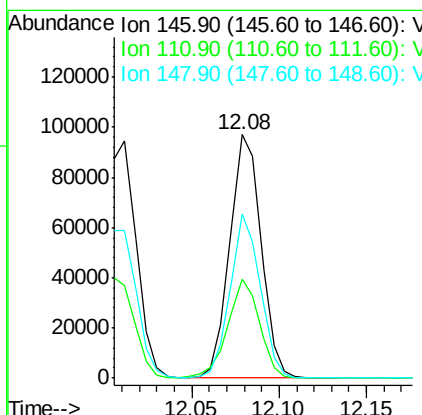
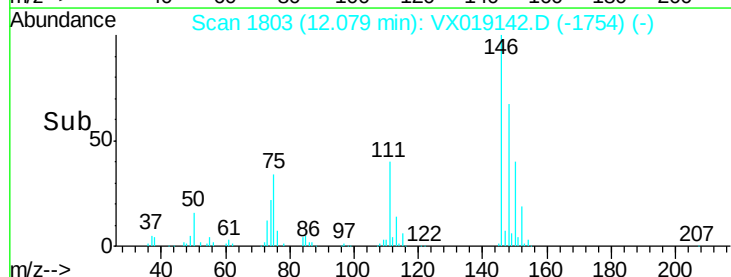
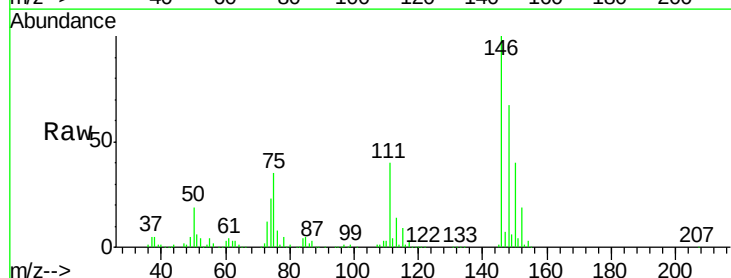
Manual Integrations
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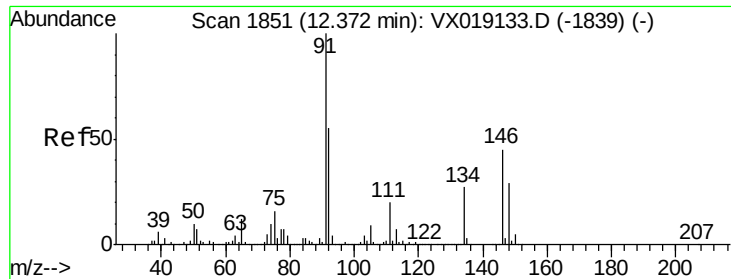
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#88
 1,4-Dichlorobenzene
 Concen: 17.481 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.2	60.5
148	64.7	31.3	93.8





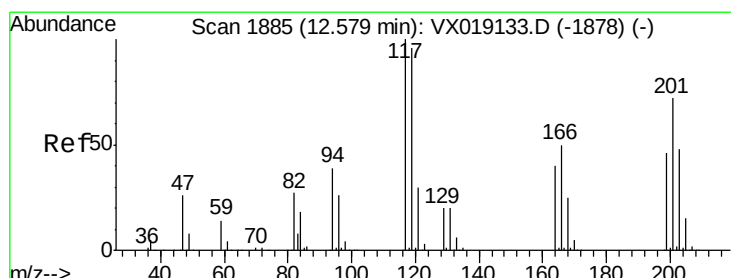
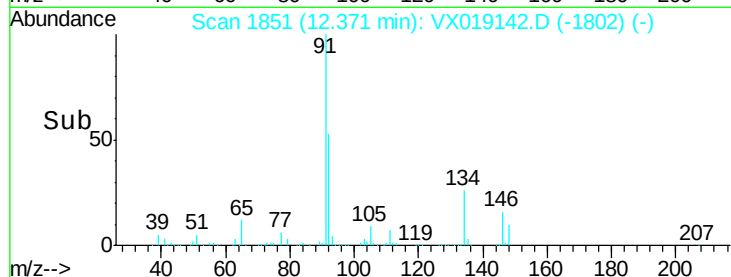
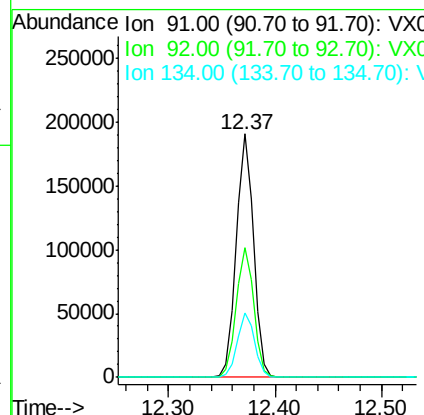
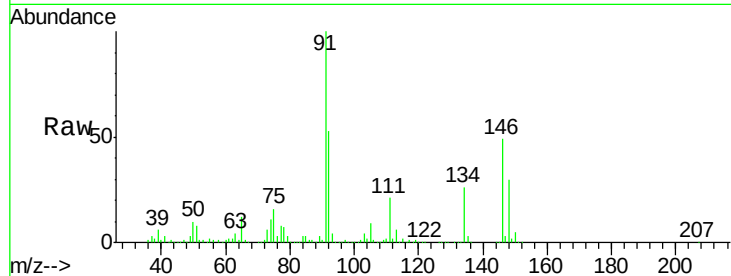
#89
n-Butylbenzene
Concen: 18.034 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.0	27.5	82.4	
134	26.4	13.2	39.6	

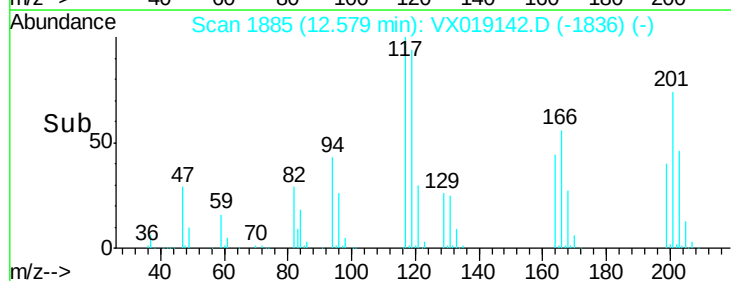
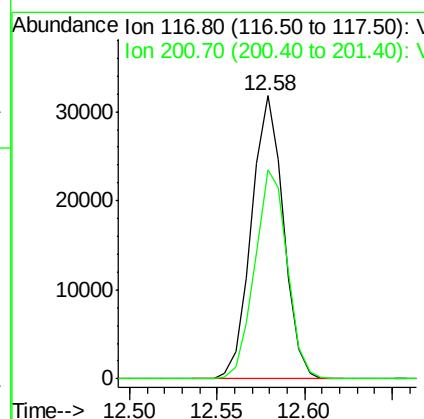
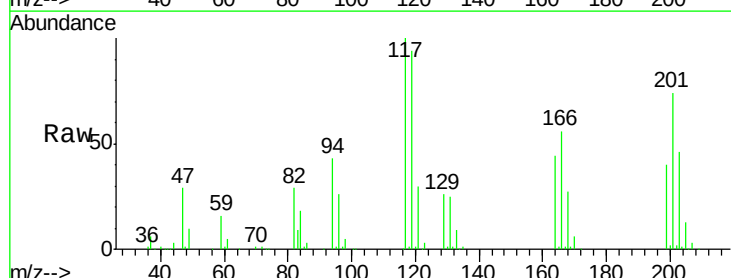
Manual Integrations
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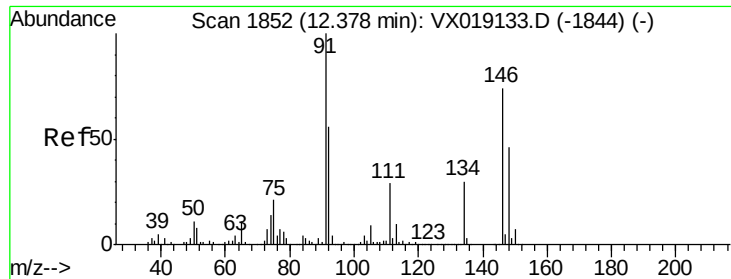
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#90
Hexachloroethane
Concen: 18.460 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	75.4	38.5	115.3	





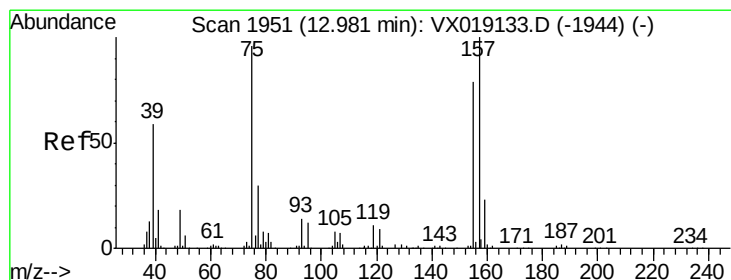
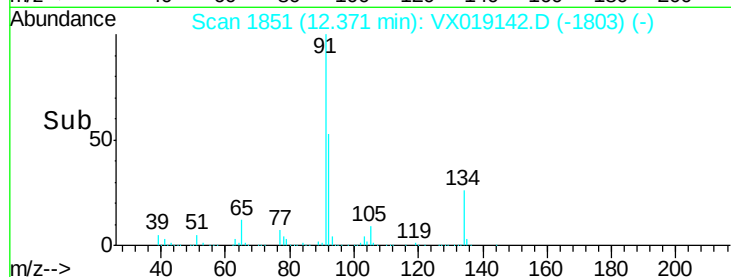
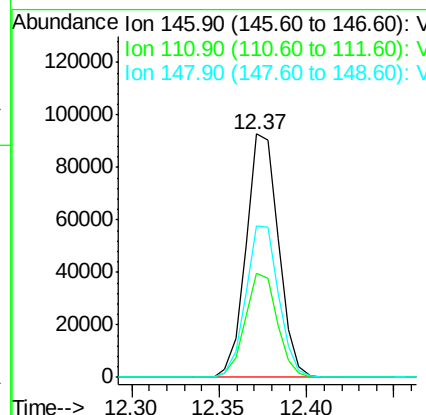
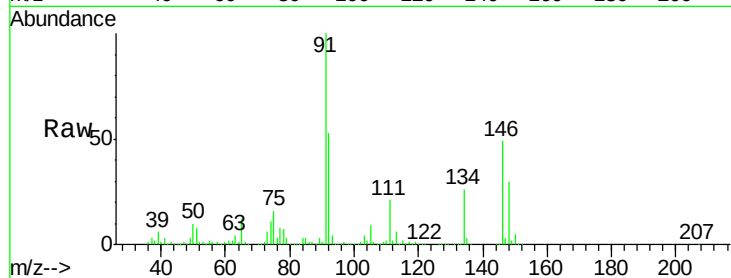
#91
1,2-Dichlorobenzene
Concen: 18.741 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.2	63.6
148	63.0	31.6	94.7

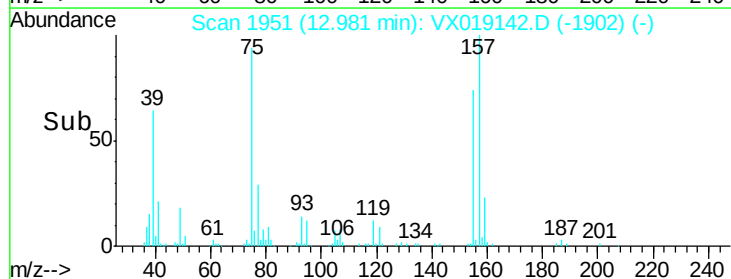
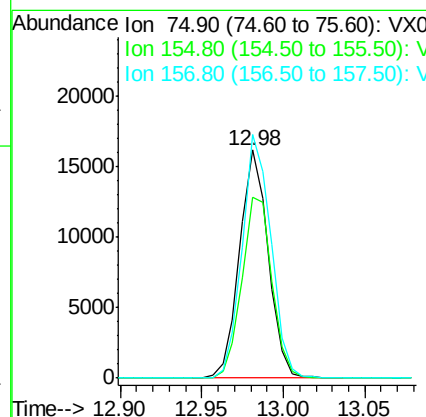
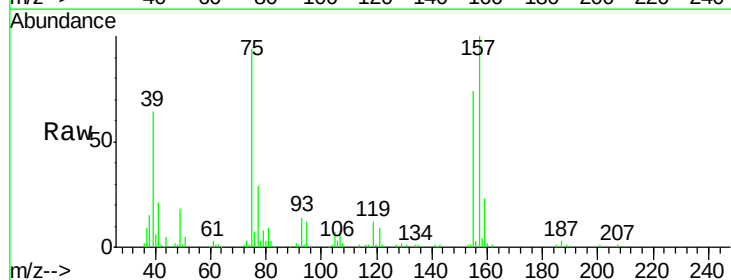
Manual Integrations
APPROVED

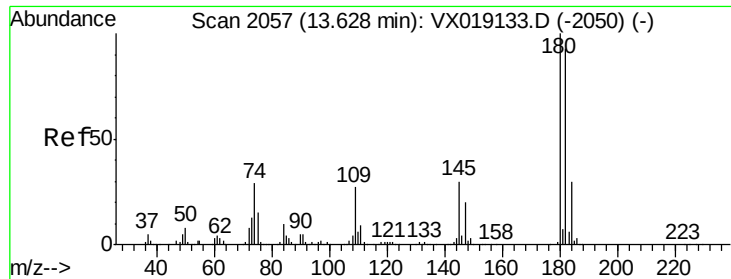
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#92
1,2-Dibromo-3-Chloropropane
Concen: 17.952 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	42.8	128.4
157	107.6	54.8	164.4





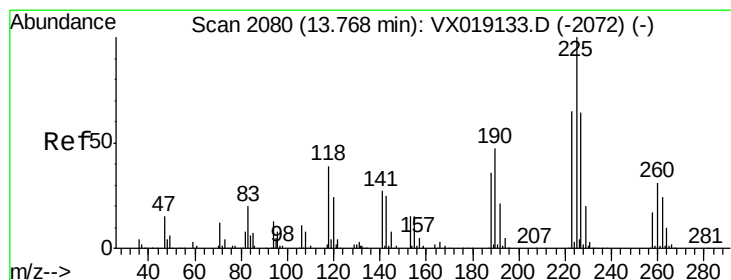
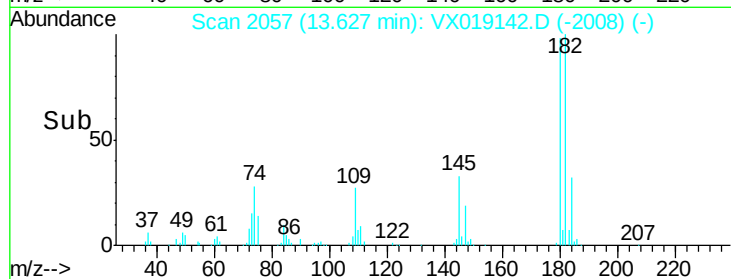
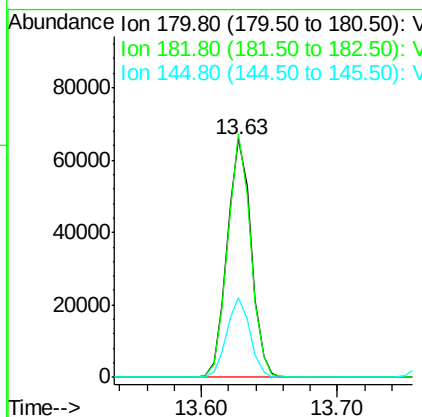
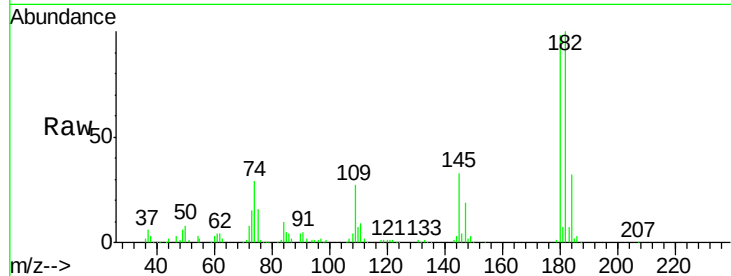
#93
 1,2,4-Trichlorobenzene
 Concen: 16.716 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1027WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	80367		
182	97.9	46.8	140.3	
145	32.4	15.5	46.5	

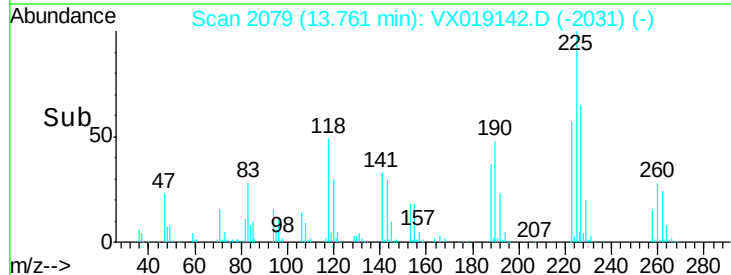
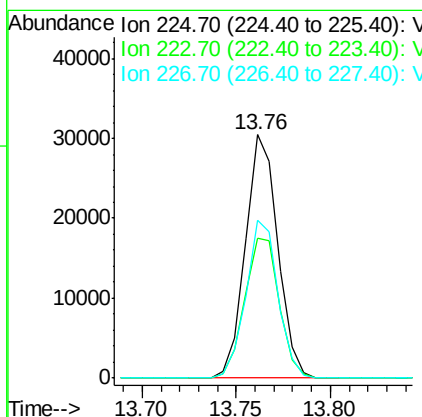
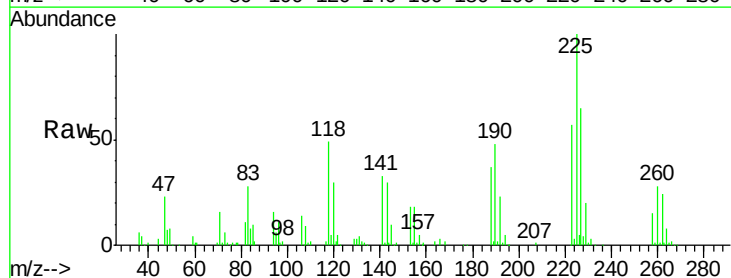
Manual Integrations
 APPROVED

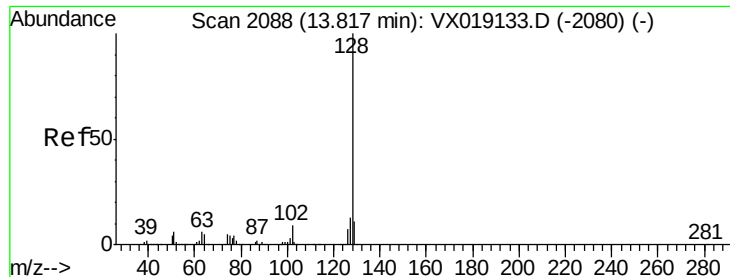
MMDadoda
 10/28/2020 12:15:26 PM



#94
 Hexachlorobutadiene
 Concen: 17.137 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019142.D
 Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36270		
223	61.4	32.4	97.2	
227	64.3	31.6	94.7	





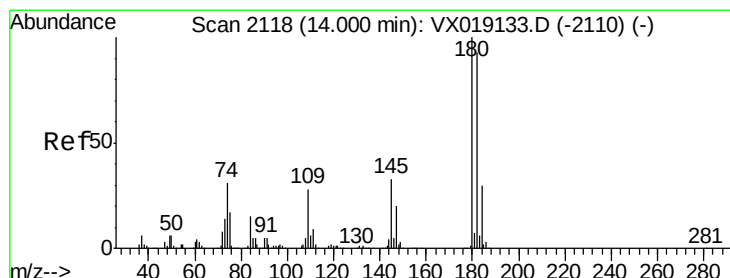
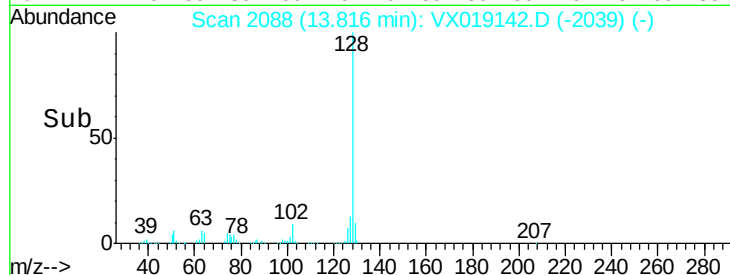
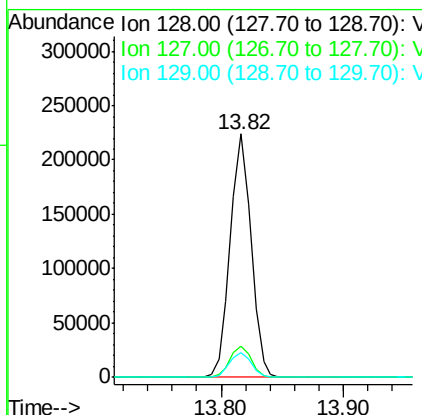
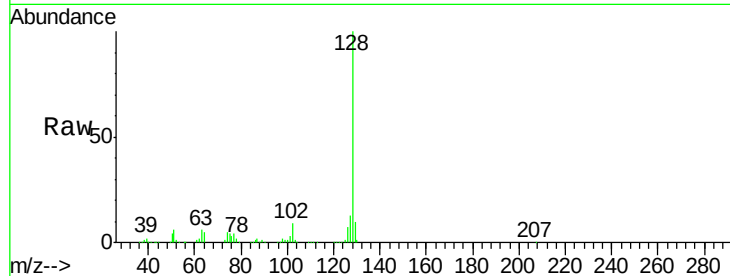
#95
Naphthalene
Concen: 17.507 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
VX1027WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/28/2020 12:15:26 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.210 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019142.D
Acq: 27 Oct 2020 17:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	32.8	16.5	49.5

