

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
 Data File : VX018253.D
 Acq On : 04 Sep 2020 11:48
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:16:56 PM

Quant Time: Sep 04 12:13:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 11:54:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	83888	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.84	114	425840	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	414176	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	192055	28.92	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.40%
60) 4-Bromofluorobenzene	11.12	95	217863	31.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.00%
63) Toluene-d8	8.70	98	536427	29.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	669225	139.695	ug/l 96
3) Chloromethane	1.31	50	745547	153.480	ug/l 97
4) Vinyl Chloride	1.39	62	770713	157.705	ug/l 98
5) Bromomethane	1.62	94	476758	151.773	ug/l 99
6) Chloroethane	1.70	64	458840	161.452	ug/l 98
7) Trichlorofluoromethane	1.91	101	1277922	163.485	ug/l 99
8) Diethyl Ether	2.17	74	409615	172.494	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	639150	170.214	ug/l 99
10) 1,1-Dichloroethene	2.36	96	645016	180.651	ug/l 98
11) Methyl Iodide	2.49	142	913675	228.071	ug/l 99
12) Methyl Acetate	2.75	43	866721	168.026	ug/l 99
13) Acrolein	2.28	56	355535	531.494	ug/l 97
14) Acrylonitrile	3.12	53	1997249	917.321	ug/l 99
15) Acetone	2.42	58	513603	855.832	ug/l 86
16) Carbon Disulfide	2.55	76	1865219	194.864	ug/l 100
17) Allyl chloride	2.70	41	1195916	181.605	ug/l 98
18) Methylene Chloride	2.84	84	730158	175.551	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	717679	189.908	ug/l 99
20) Diisopropyl ether	3.82	45	2306546	175.046	ug/l 90
21) 1,1-Dichloroethane	3.67	63	1301411	180.685	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	803002	179.502	ug/l 96
23) tert-Butyl Alcohol	3.03	59	866444	874.760	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	2360389	175.744	ug/l 99
25) Chloroform	5.18	83	1385722	175.389	ug/l 97
26) Cyclohexane	5.55	56	1115416	181.903	ug/l # 49
29) 1,1-Dichloropropene	5.77	75	1027228	193.805	ug/l 99
30) 2-Butanone	4.64	43	2822629	955.343	ug/l 99
31) 2,2-Dichloropropane	4.55	77	1214054	183.346	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	1313662	184.931	ug/l 99
33) Carbon Tetrachloride	5.76	117	1235744	187.996	ug/l 94
34) Benzene	6.12	78	2863369	189.252	ug/l # 97
35) Methacrylonitrile	5.01	41	598231	187.259	ug/l 94
36) 1,2-Dichloroethane	6.17	62	1191412	187.866	ug/l # 100
37) Trichloroethene	7.19	130	833994	188.924	ug/l 99
38) Methylcyclohexane	7.45	83	1155993	187.702	ug/l 96
39) 1,2-Dichloropropane	7.49	63	770016	188.149	ug/l 96
40) Dibromomethane	7.64	93	546931	187.165	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	1153750	182.449	ug/l	93
42) Vinyl Acetate	3.79	43	10559422	1033.696	ug/l	100
43) Ethyl Acetate	4.80	43	1118159	197.615	ug/l	99
44) Isopropyl Acetate	6.42	43	1843867	191.283	ug/l	98
45) 1,4-Dioxane	7.72	88	314774	3513.463	ug/l #	90
46) Methyl methacrylate	7.75	41	937876	199.440	ug/l	99
47) n-amyl Acetate	10.88	43	1707790	213.581	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	1319891	194.730	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	1342657	183.655	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	782953	191.159	ug/l	99
51) Ethyl methacrylate	9.16	69	1248627	207.758	ug/l	99
52) 1,3-Dichloropropane	9.35	76	1304069	192.646	ug/l	98
53) Dibromochloromethane	9.57	129	1002570	191.510	ug/l	100
54) 1,2-Dibromoethane	9.66	107	872770	193.165	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	3195539	982.378	ug/l	100
56) Bromoform	10.84	173	745496	191.979	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	5724489	942.493	ug/l	99
59) 2-Hexanone	9.48	43	4372771	993.871	ug/l	99
61) Tetrachloroethene	9.32	164	757141	163.397	ug/l	91
62) Toluene	8.77	91	3222389	187.681	ug/l	99
64) Chlorobenzene	10.12	112	2122913	185.135	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	860760	183.622	ug/l	97
66) Ethyl Benzene	10.24	91	3700971	193.839	ug/l	100
67) m/p-Xylenes	10.34	106	2866546	398.942	ug/l	98
68) o-Xylene	10.68	106	1389704	198.375	ug/l	99
69) Styrene	10.70	104	2427089	197.715	ug/l	99
70) Isopropylbenzene	11.01	105	3803247	187.890	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	1168940	197.342	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	1076988m	184.018	ug/l	
73) Bromobenzene	11.24	156	999818	185.599	ug/l	99
74) n-propylbenzene	11.35	91	4450433	191.106	ug/l	98
75) 2-Chlorotoluene	11.41	91	2674897	189.528	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	3295122	192.683	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	465012	202.940	ug/l	90
78) 4-Chlorotoluene	11.49	91	3185578	193.584	ug/l	100
79) tert-butylbenzene	11.76	119	3236480	193.013	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	3308624	186.264	ug/l	99
81) sec-Butylbenzene	11.93	105	3746095	188.198	ug/l	99
82) p-Isopropyltoluene	12.05	119	3523746	193.909	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	1771140	179.391	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	1789673	182.620	ug/l	98
85) n-Butylbenzene	12.37	91	3133272	182.131	ug/l	99
86) Hexachloroethane	12.58	117	690102	179.616	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	1724784	177.342	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.98	75	319803	196.085	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	1232587	183.380	ug/l	97
90) Hexachlorobutadiene	13.77	225	500405	162.609	ug/l	93
91) Naphthalene	13.82	128	3946959	197.295	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	1199840	184.965	ug/l	99

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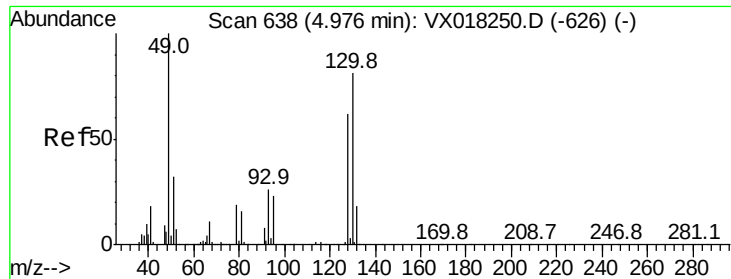
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

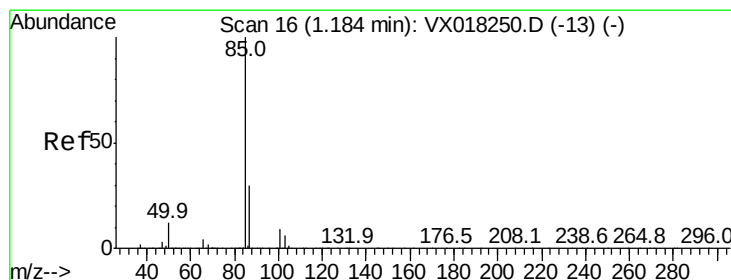
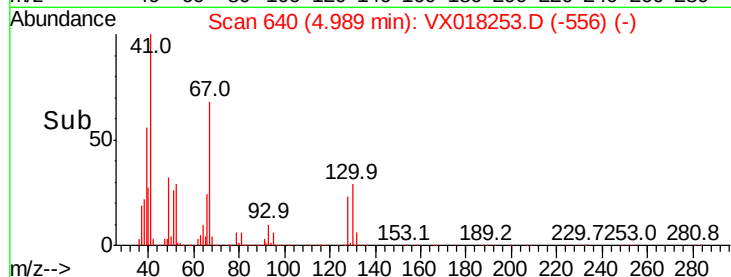
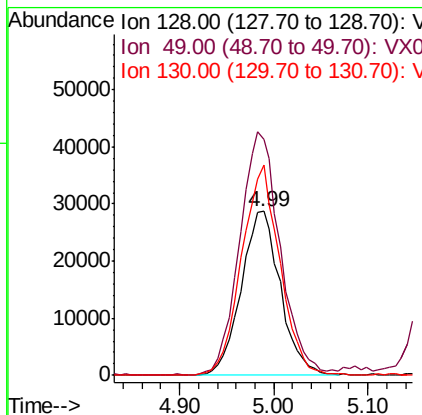
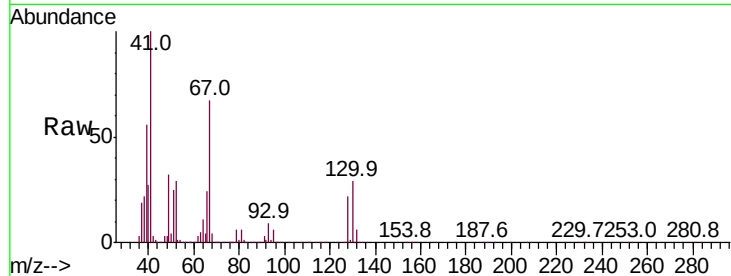
ClientSampleId :

VSTDIC150

Tot Ion:	128	Resp:	83888
Ion	Ratio	Lower	Upper
128	100		
49	153.1	0.0	392.0
130	124.9	0.0	320.2

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#2

Dichlorodifluoromethane

Concen: 139.695 ug/l

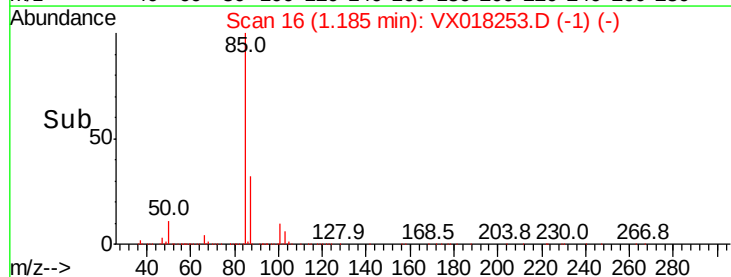
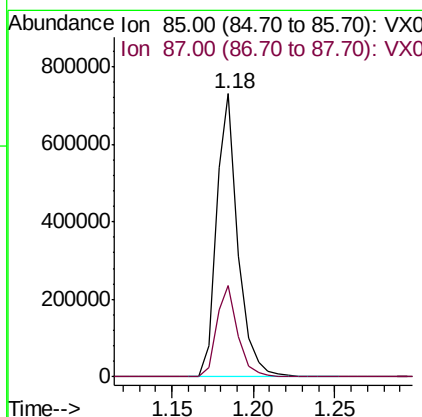
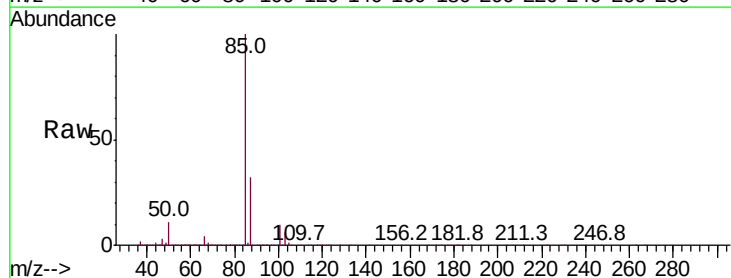
RT: 1.18 min Scan# 16

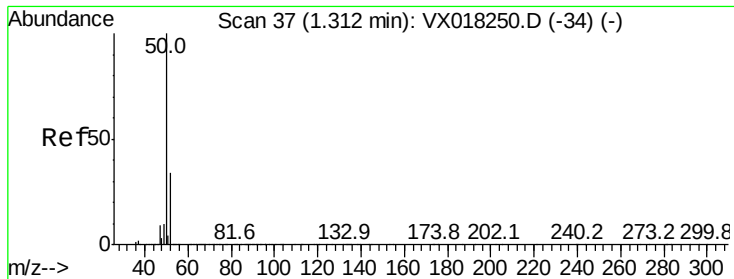
Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Tgt Ion:	85	Resp:	669225
Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.1	45.3





#3

Chloromethane

Concen: 153.480 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 745547

Ion Ratio Lower Upper

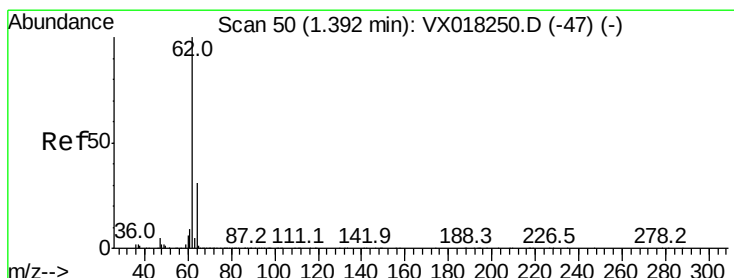
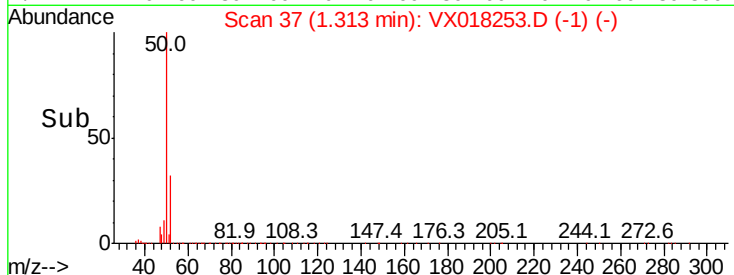
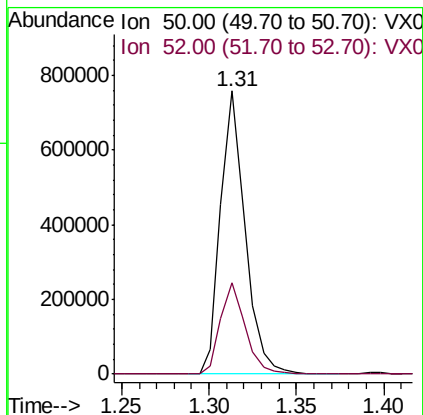
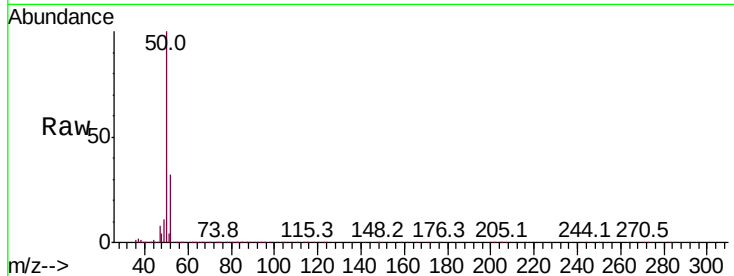
50 100

52 32.5 27.1 40.7

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#4

Vinyl Chloride

Concen: 157.705 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018253.D

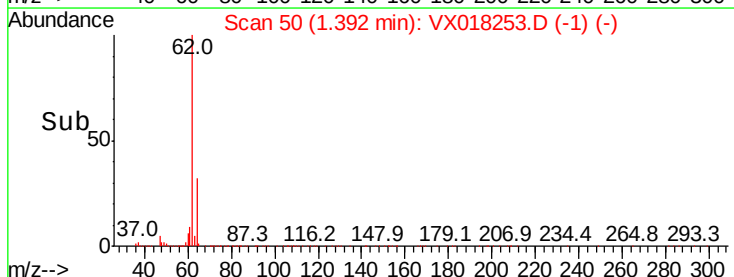
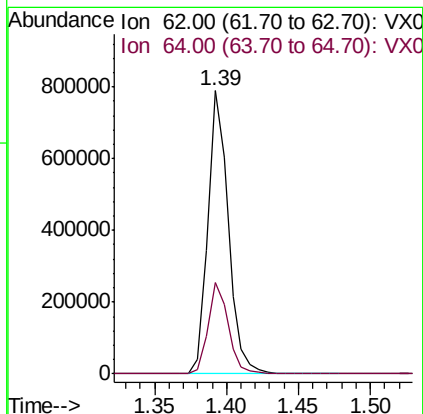
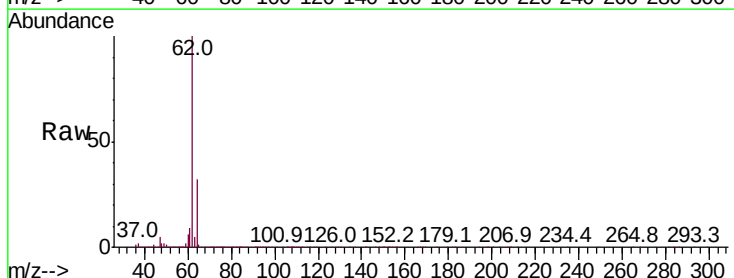
Acq: 04 Sep 2020 11:48

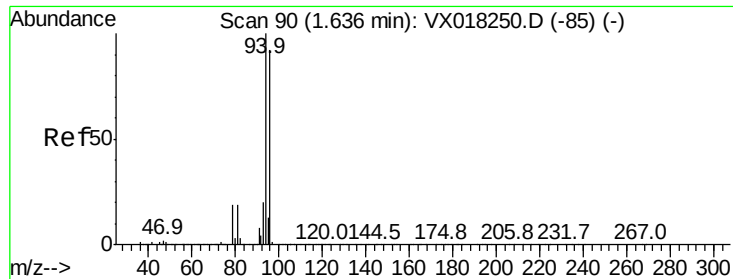
Tgt Ion: 62 Resp: 770713

Ion Ratio Lower Upper

62 100

64 32.3 25.2 37.8





#5

Bromomethane

Concen: 151.773 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 476758

Ion Ratio Lower Upper

94 100

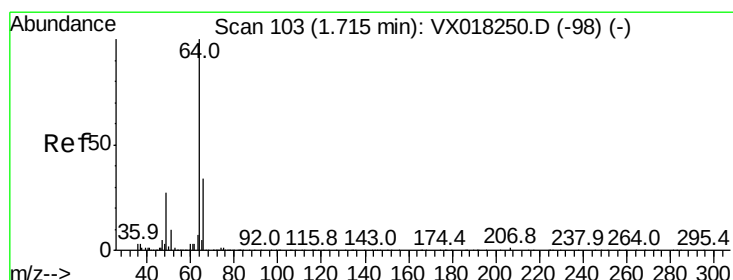
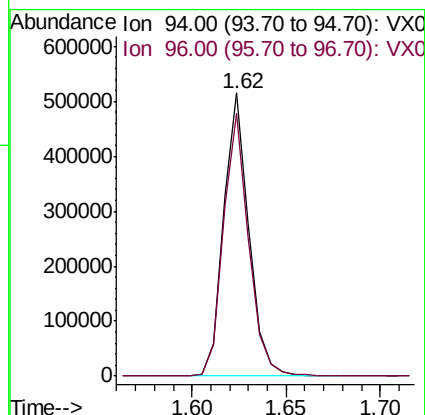
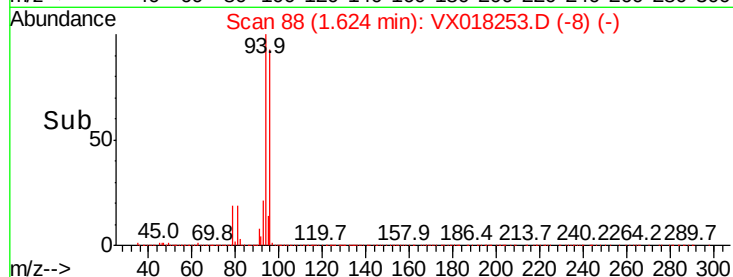
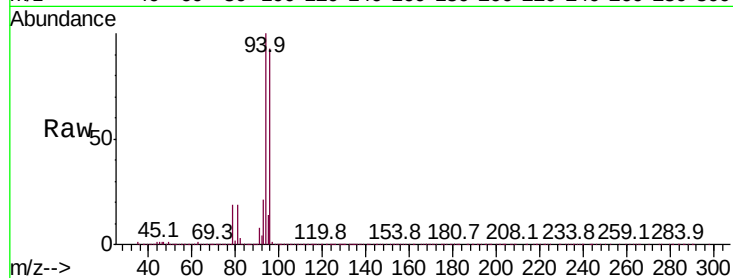
96 93.1 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 161.452 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018253.D

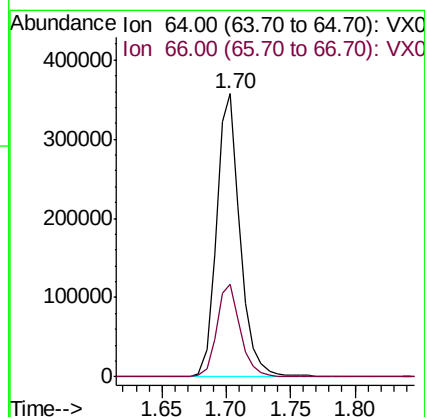
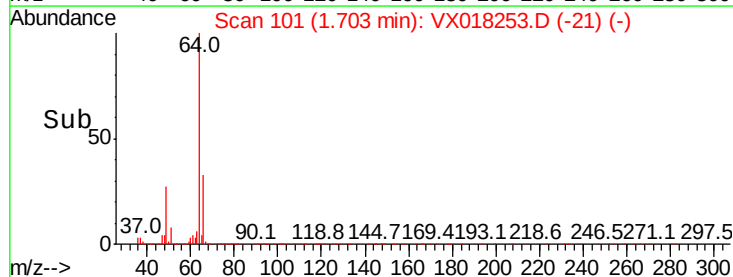
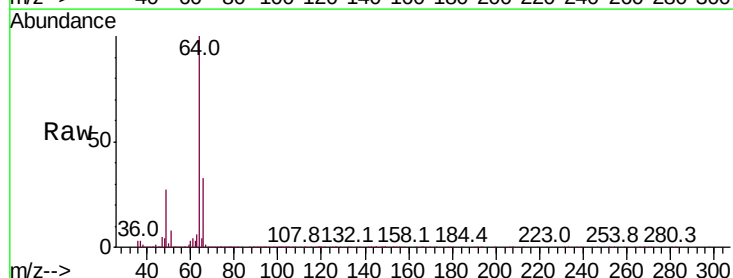
Acq: 04 Sep 2020 11:48

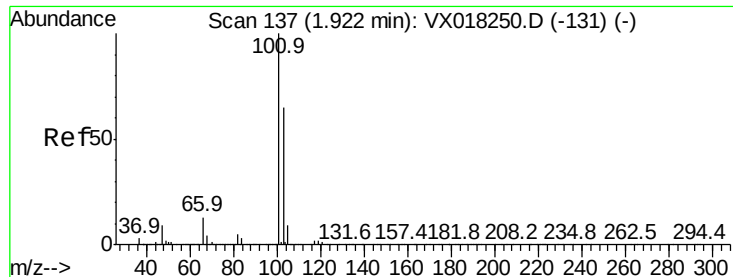
Tgt Ion: 64 Resp: 458840

Ion Ratio Lower Upper

64 100

66 32.6 27.0 40.4





#7

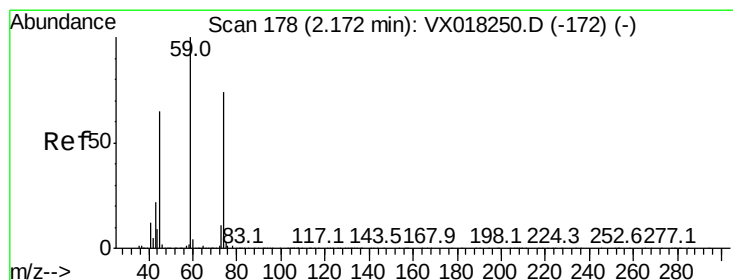
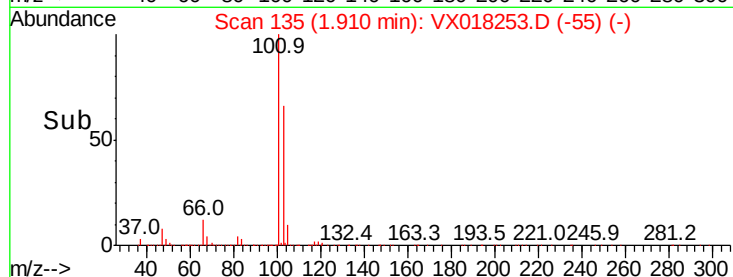
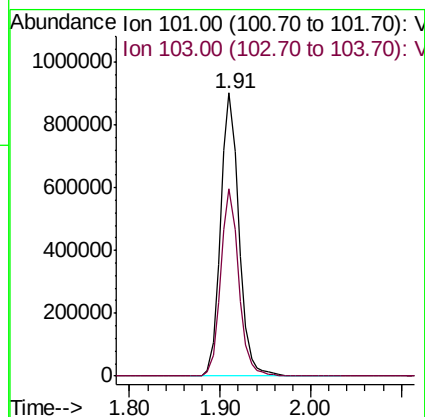
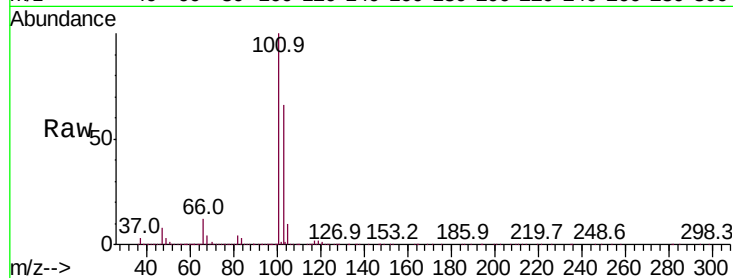
Trichlorofluoromethane
Concen: 163.485 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.1	52.3	78.5

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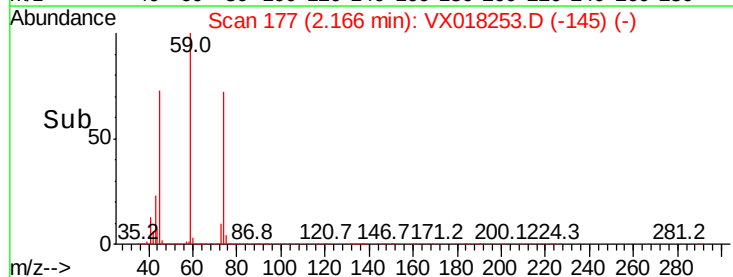
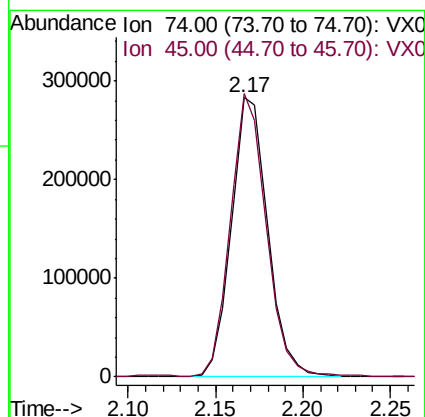
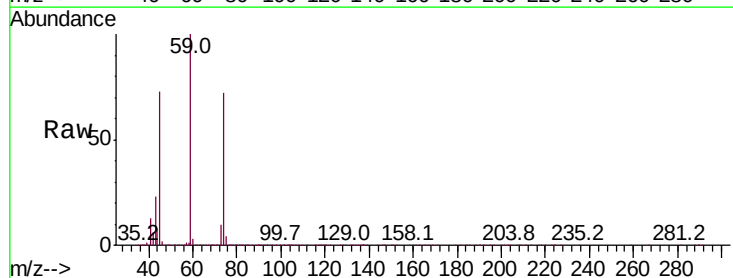
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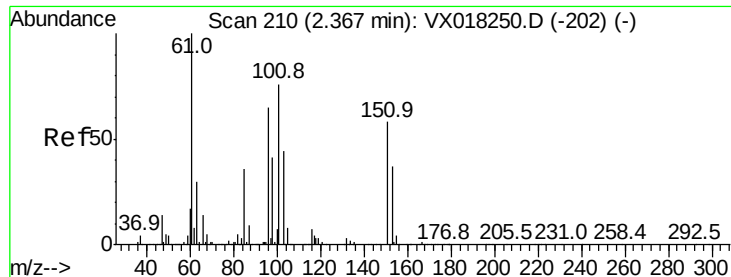


#8

Diethyl Ether
Concen: 172.494 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.2	20.5	184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 170.214 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

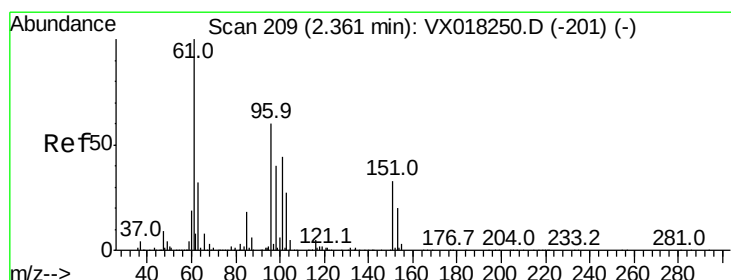
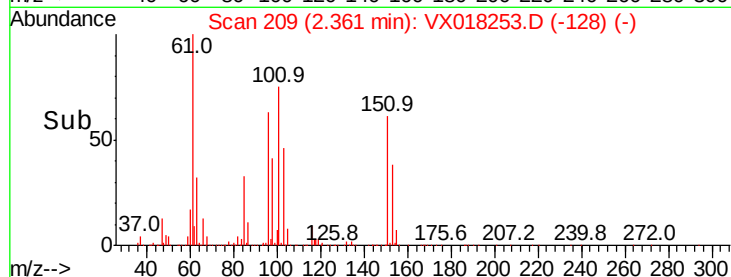
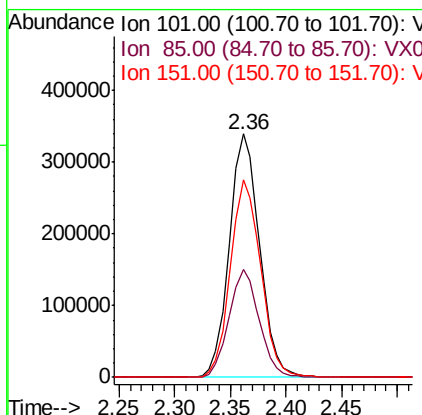
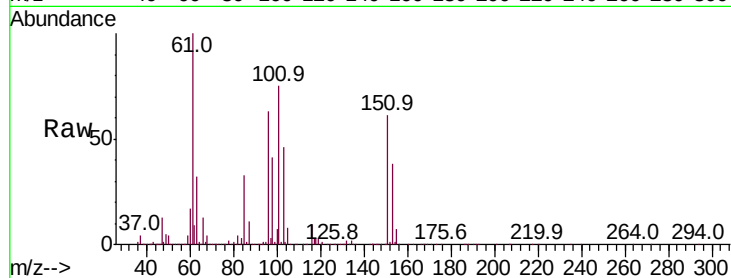
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	639150
Ion Ratio	Lower	Upper	
101	100		
85	44.2	0.0	87.8
151	81.6	0.0	161.4

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#10

1,1-Dichloroethene

Concen: 180.651 ug/l

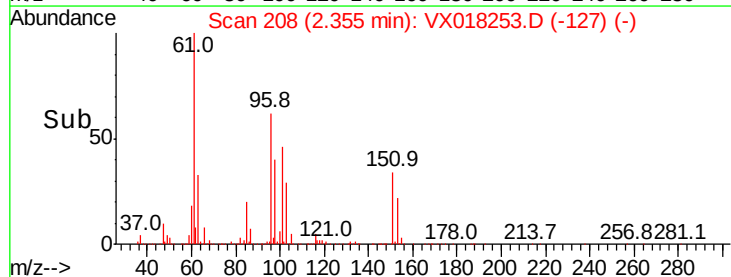
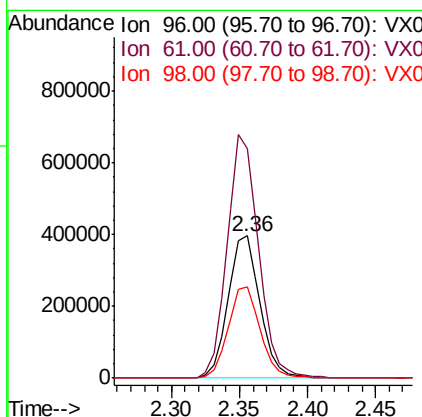
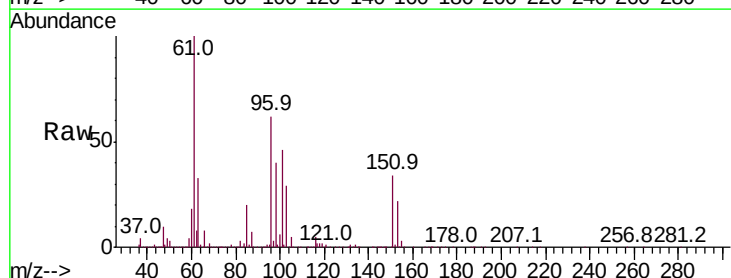
RT: 2.36 min Scan# 208

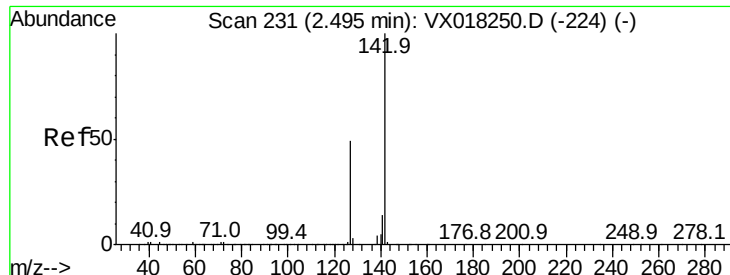
Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Tgt Ion:	96	Resp:	645016
Ion Ratio	Lower	Upper	
96	100		
61	162.1	132.5	198.7
98	64.8	52.4	78.6





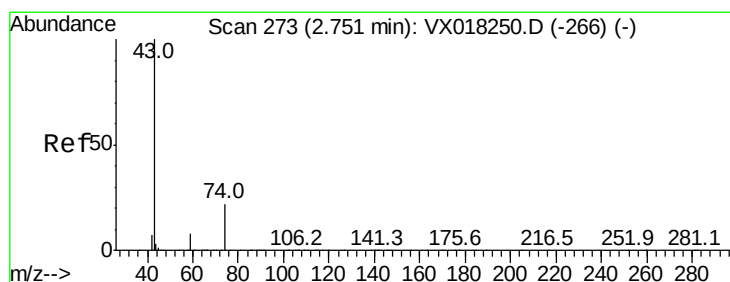
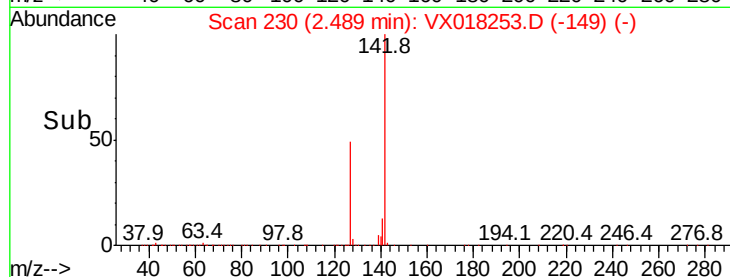
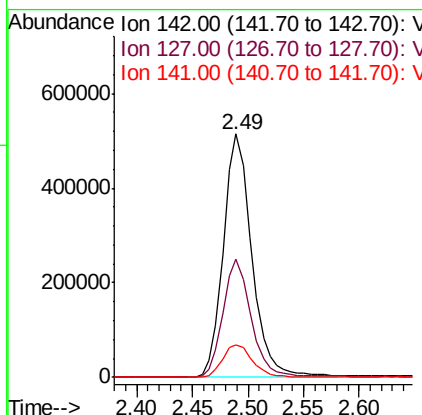
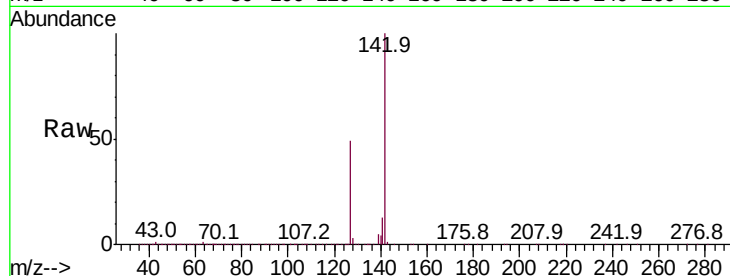
#11
Methyl Iodide
Concen: 228.071 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.7	24.6	74.0
141	13.4	7.0	21.0

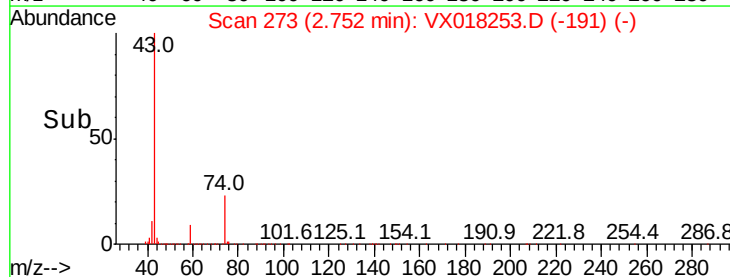
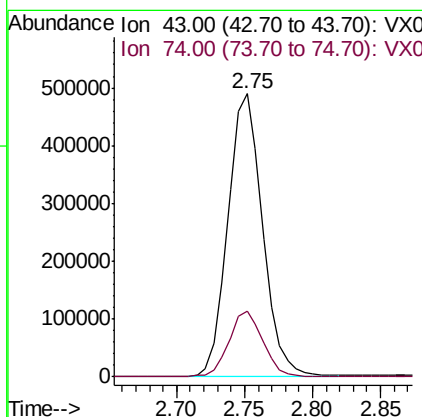
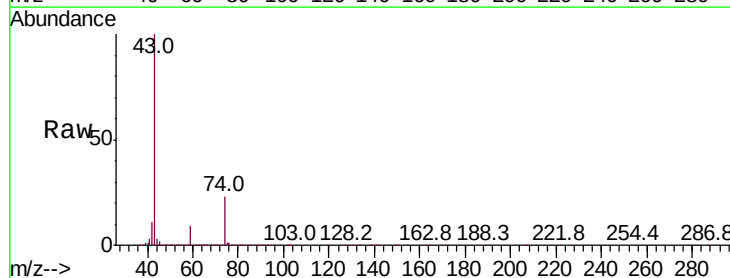
Manual Integrations
APPROVED

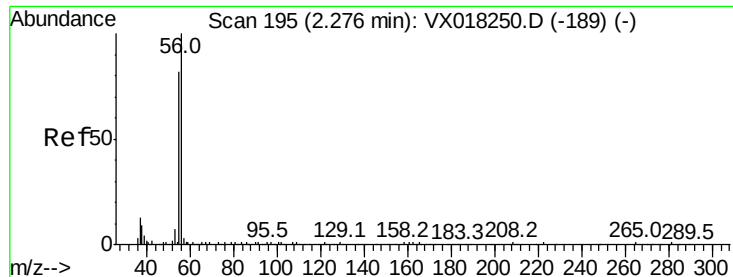
MMDadoda
9/8/2020 5:16:56 PM



#12
Methyl Acetate
Concen: 168.026 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.0	27.0





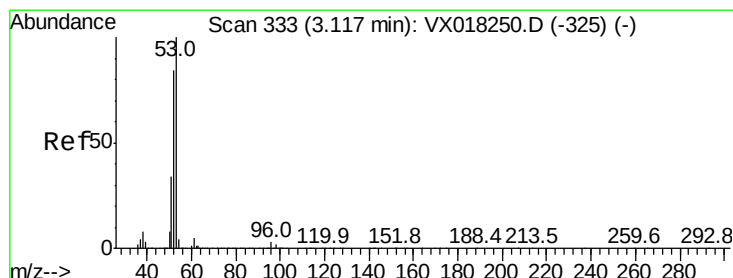
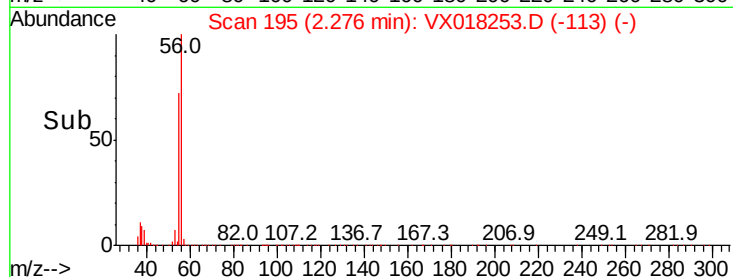
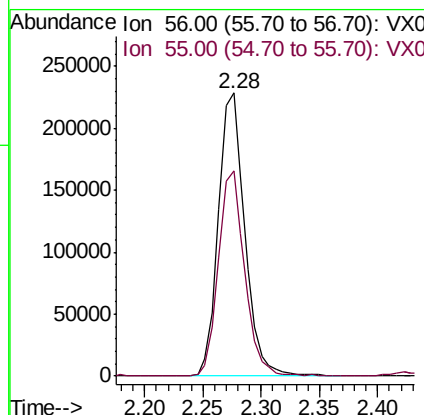
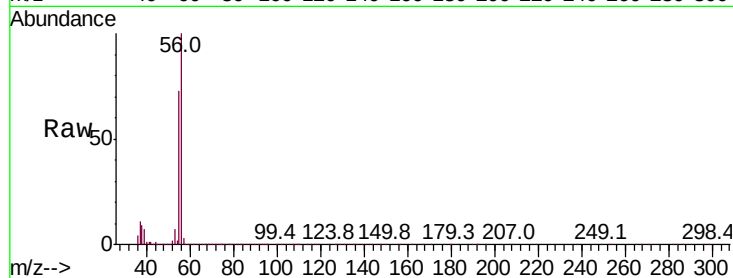
#13
Acrolein
Concen: 531.494 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.0	59.7	89.5

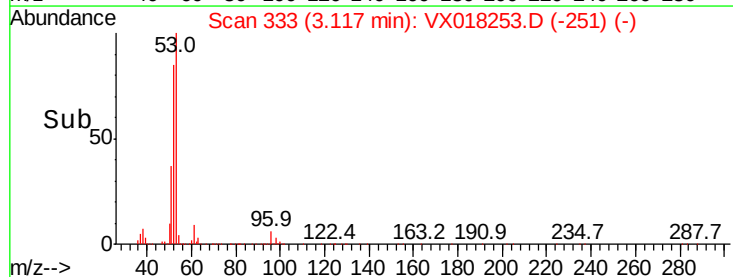
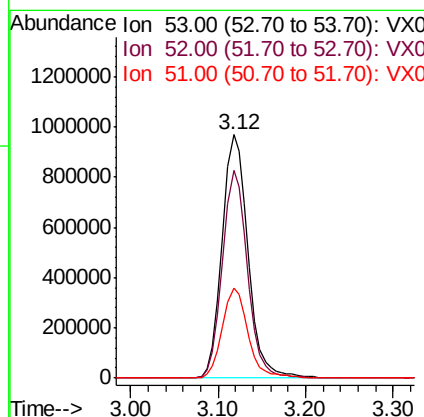
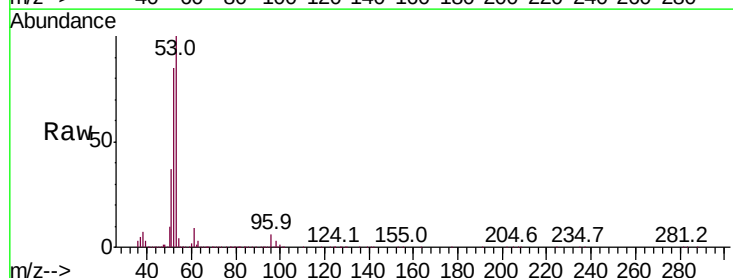
Manual Integrations
APPROVED

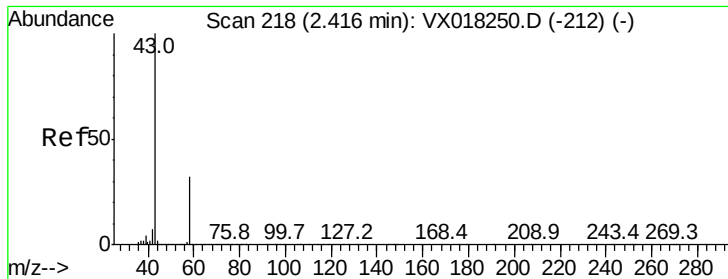
MMDadoda
9/8/2020 5:16:56 PM



#14
Acrylonitrile
Concen: 917.321 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.4	41.9	125.7
51	36.6	18.3	54.8





#15

Acetone

Concen: 855.832 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 58 Resp: 513603

Ion Ratio Lower Upper

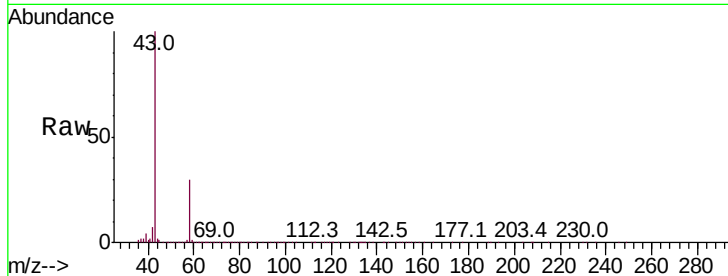
58 100

43 337.4 248.2 372.2

Manual Integrations
APPROVED

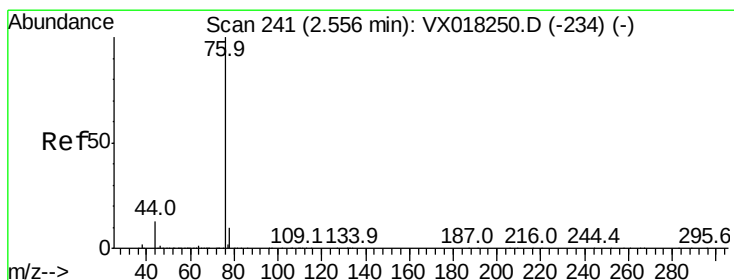
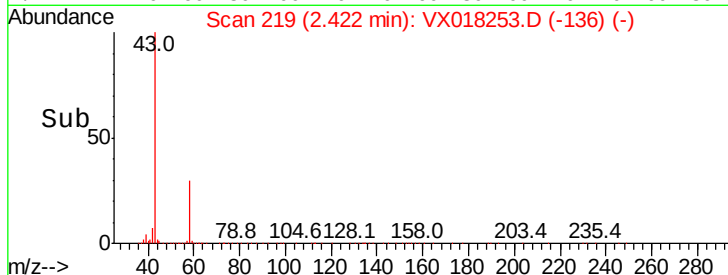
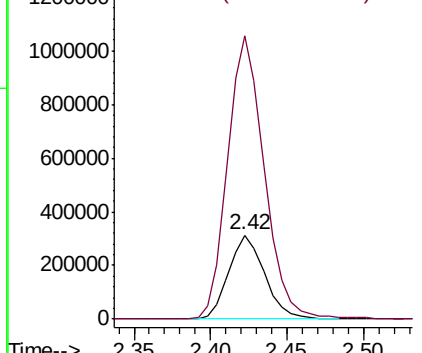
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 194.864 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018253.D

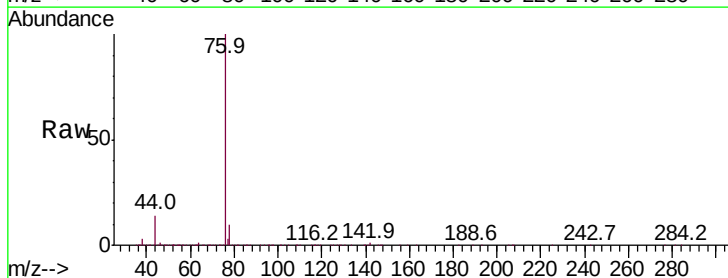
Acq: 04 Sep 2020 11:48

Tgt Ion: 76 Resp: 1865219

Ion Ratio Lower Upper

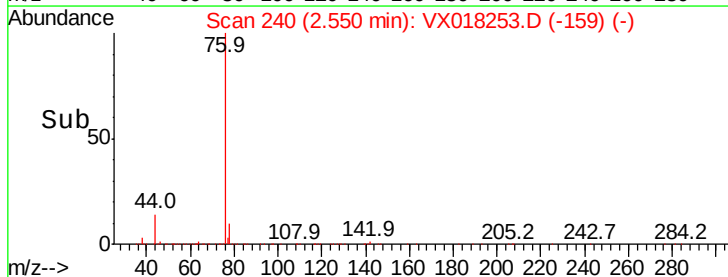
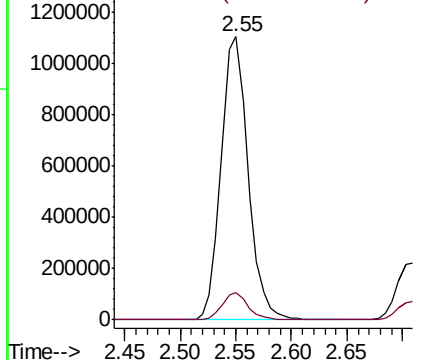
76 100

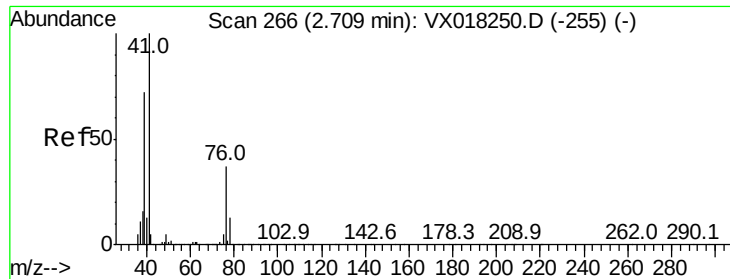
78 9.8 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





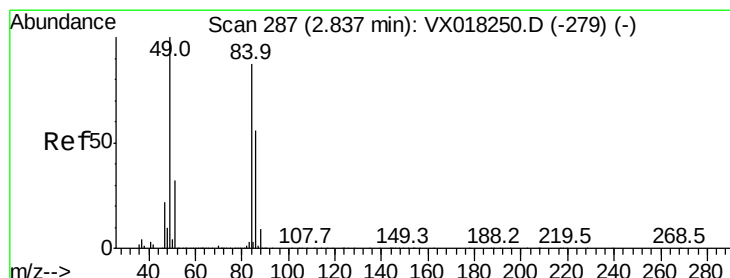
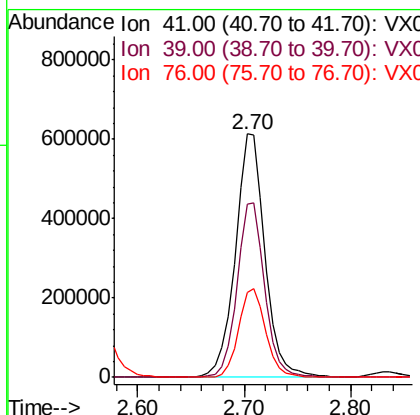
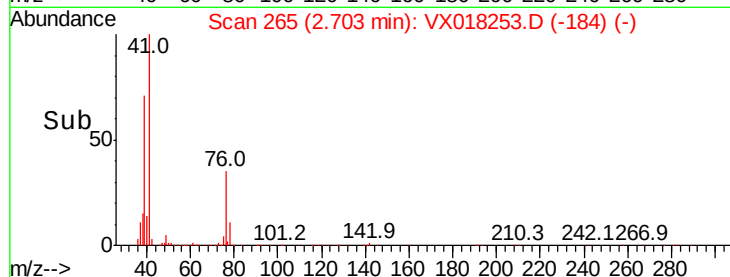
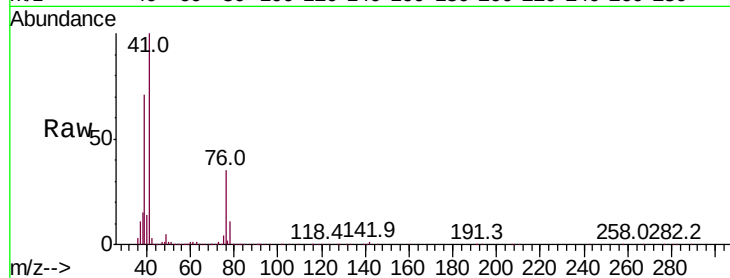
#17
Allvl chloride
Concen: 181.605 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.0	36.0	108.1
76	34.9	18.6	55.6

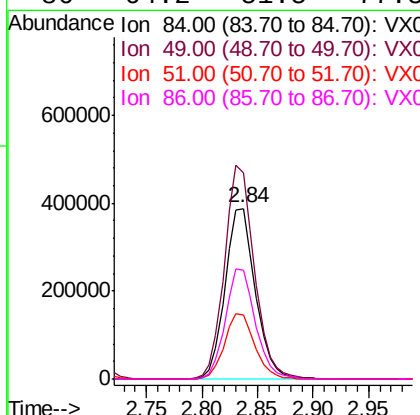
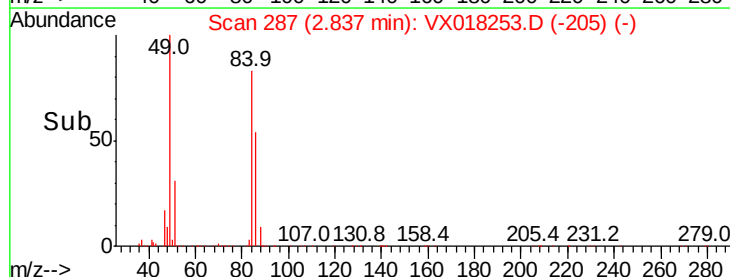
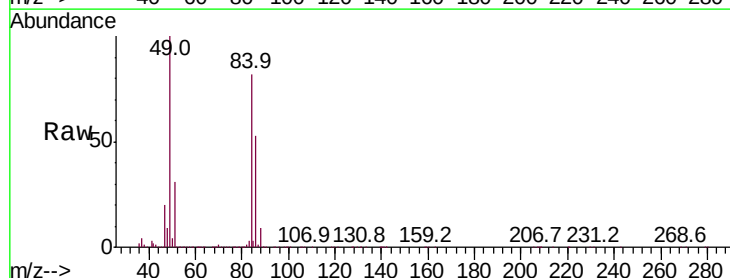
Manual Integrations
APPROVED

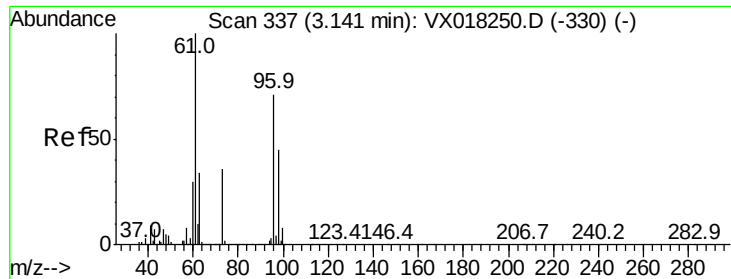
MMDadoda
9/8/2020 5:16:56 PM



#18
Methylene Chloride
Concen: 175.551 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	91.6	137.4
51	37.3	29.4	44.0
86	64.2	51.5	77.3





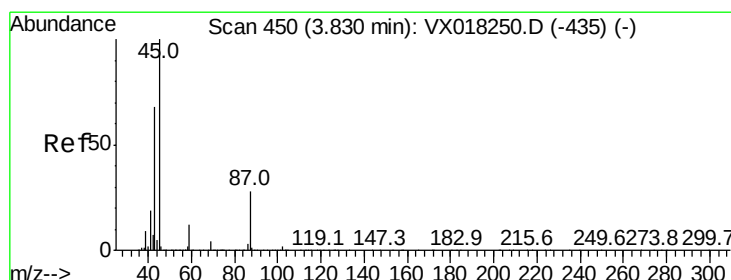
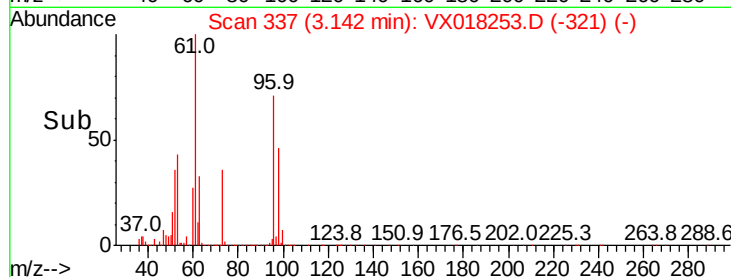
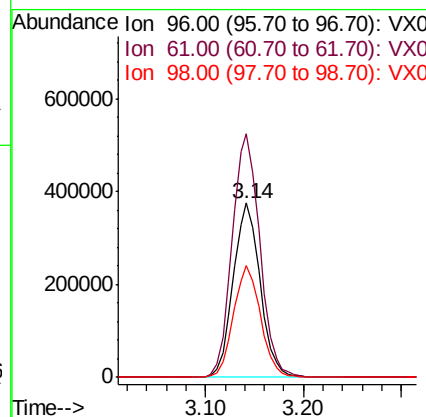
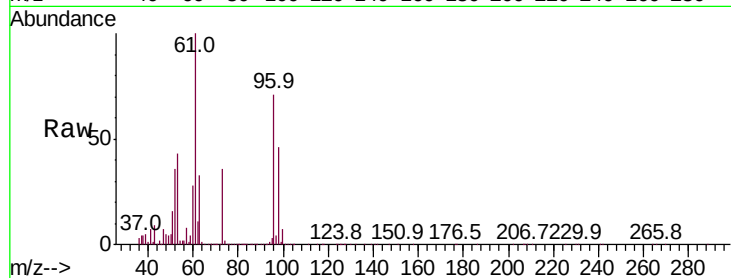
#19
trans-1,2-Dichloroethene
Concen: 189.908 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.0	112.8	169.2
98	64.0	51.0	76.4

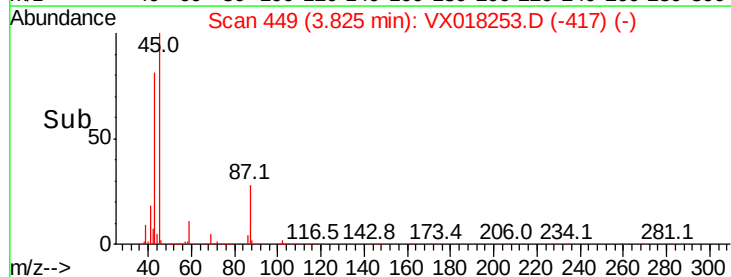
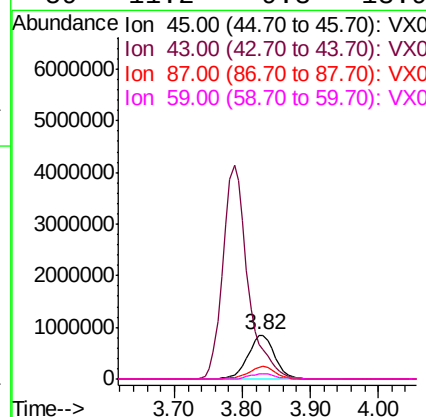
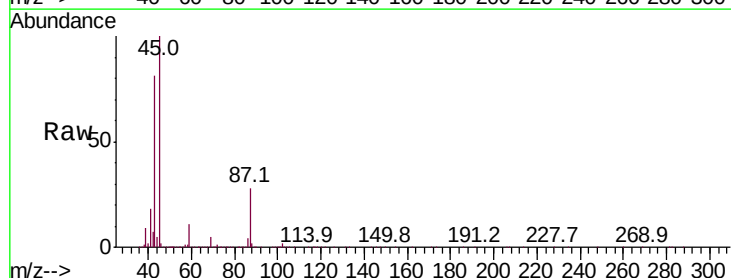
Manual Integrations
APPROVED

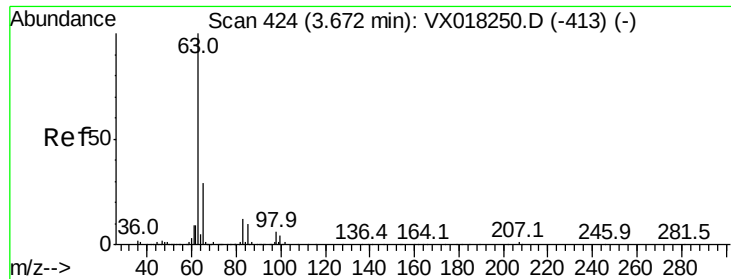
MMDadoda
9/8/2020 5:16:56 PM



#20
Diisopropyl ether
Concen: 175.046 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	80.6	54.5	81.7
87	28.0	22.2	33.2
59	11.2	9.3	13.9





#21

1,1-Dichloroethane

Concen: 180.685 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

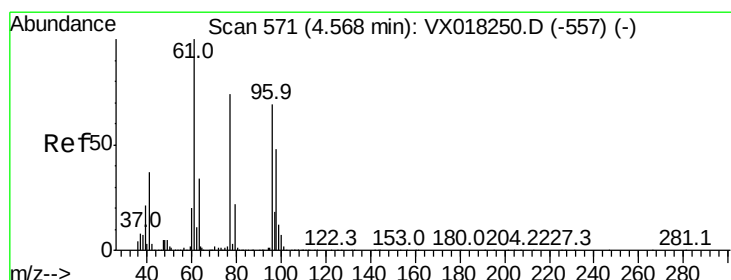
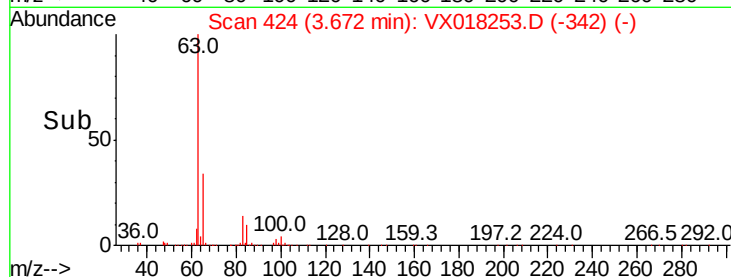
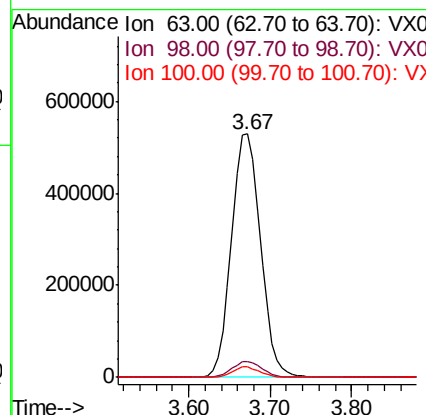
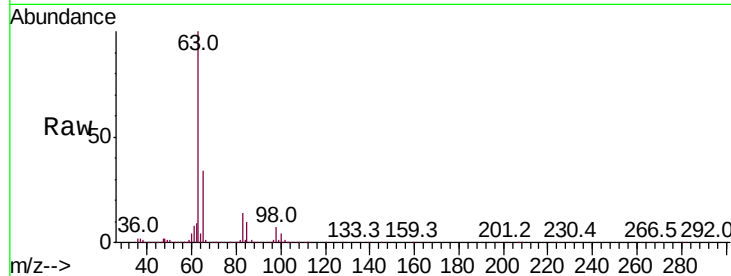
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	1301411
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.2	9.6
100	4.4	2.1	6.3

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:16:56 PM



#22

cis-1,2-Dichloroethene

Concen: 179.502 ug/l

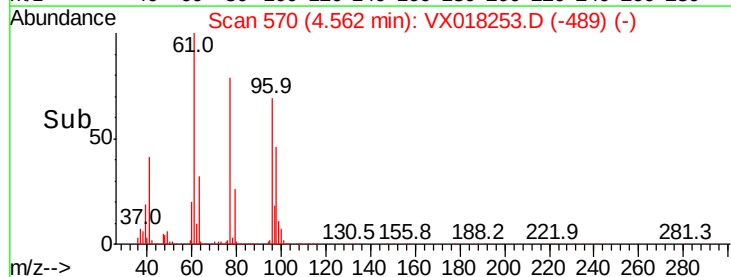
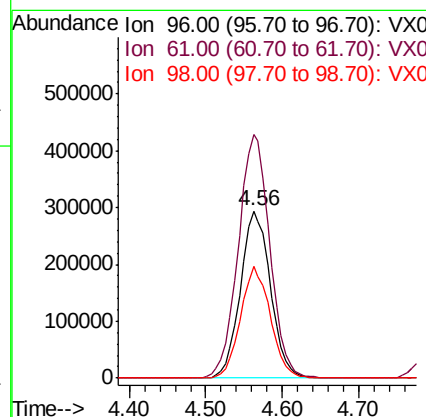
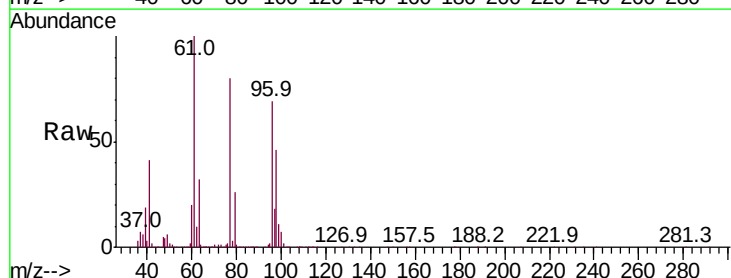
RT: 4.56 min Scan# 570

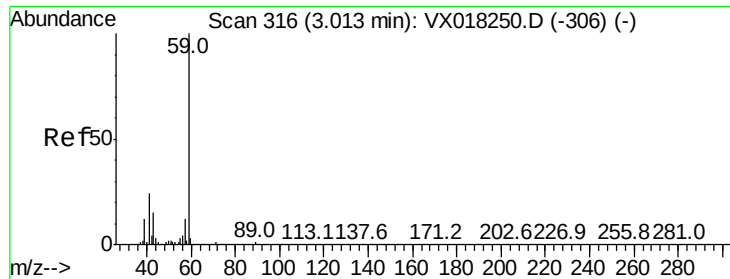
Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Tgt Ion:	96	Resp:	803002
Ion	Ratio	Lower	Upper
96	100		
61	152.1	116.2	174.4
98	65.9	52.5	78.7





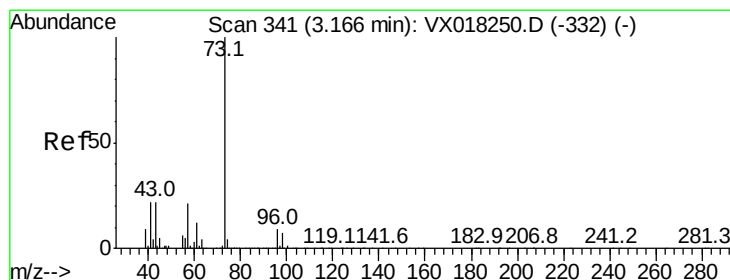
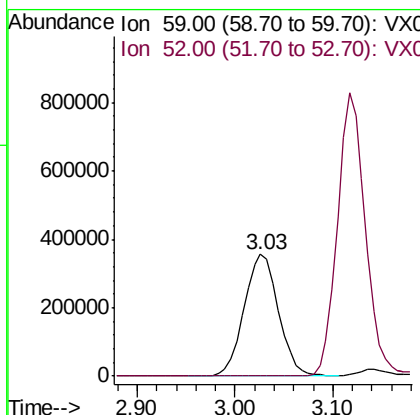
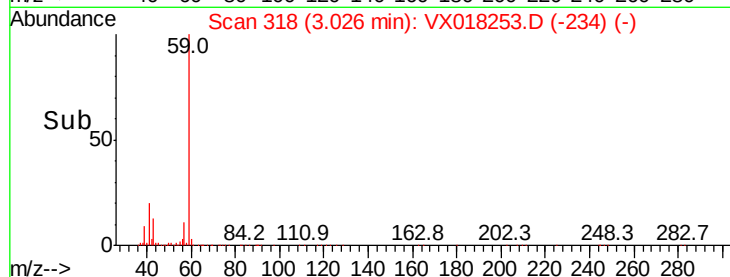
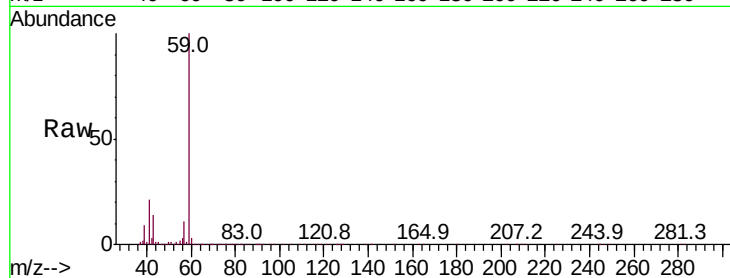
#23
 tert-Butyl Alcohol
 Concen: 874.760 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 59 Resp: 866444
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.4 0.6#

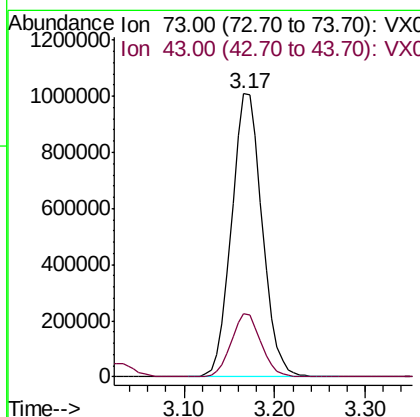
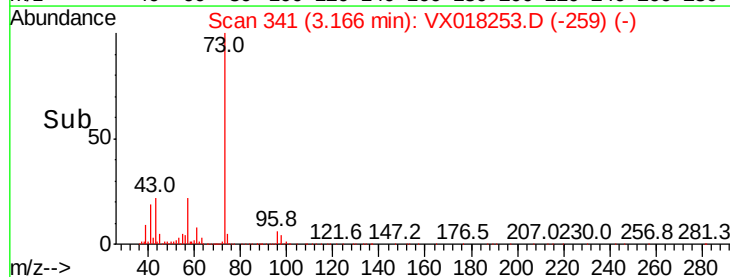
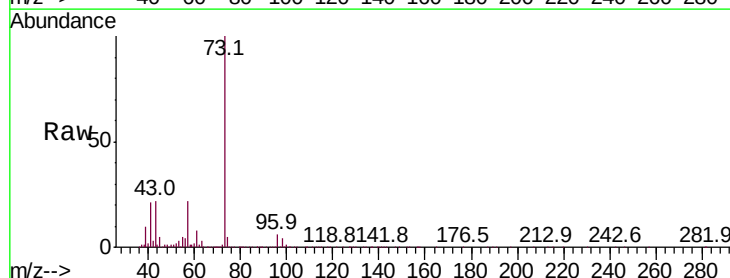
Manual Integrations
 APPROVED

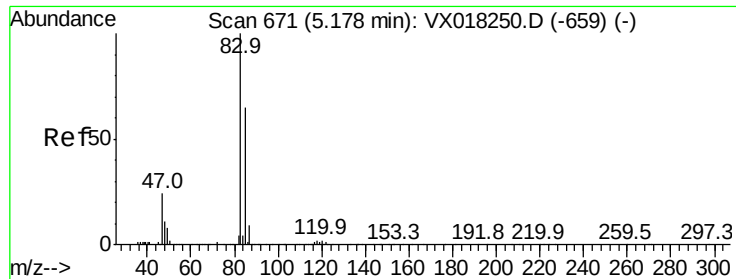
MMDadoda
 9/8/2020 5:16:56 PM



#24
 Methyl tert-Butyl Ether
 Concen: 175.744 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion: 73 Resp: 2360389
 Ion Ratio Lower Upper
 73 100
 43 21.7 17.8 26.6





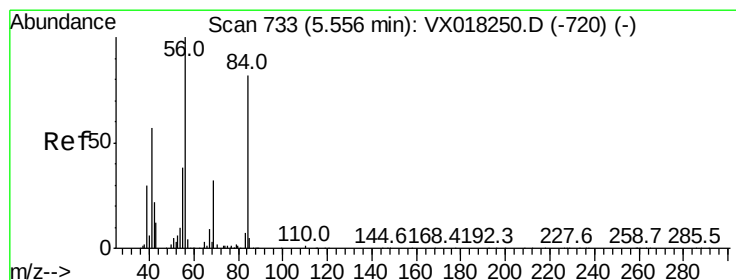
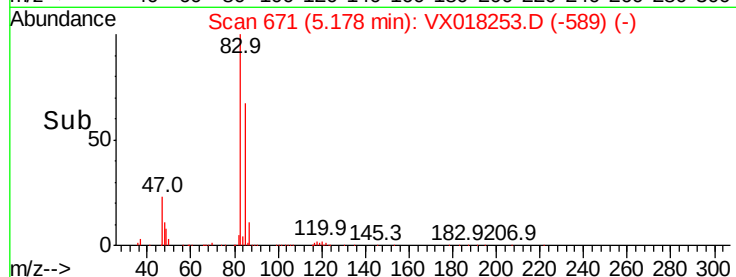
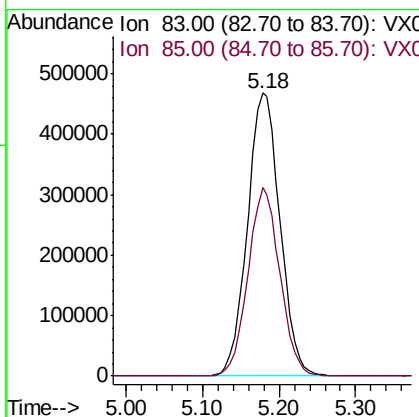
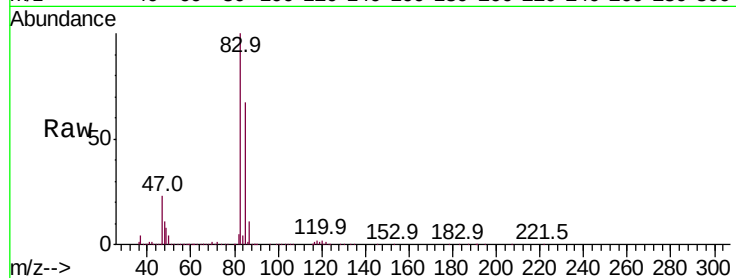
#25
Chloroform
Concen: 175.389 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion: 83 Resp: 1385722
Ion Ratio Lower Upper
83 100
85 66.8 51.6 77.4

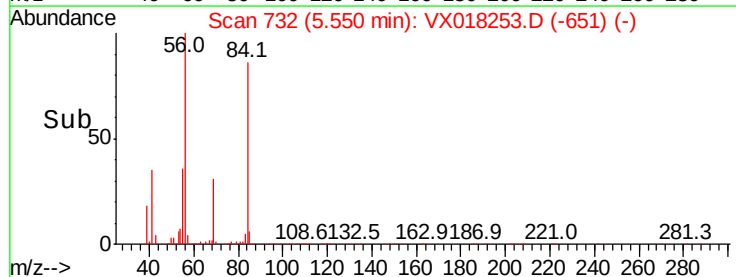
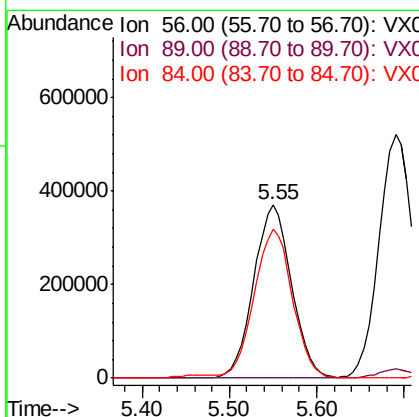
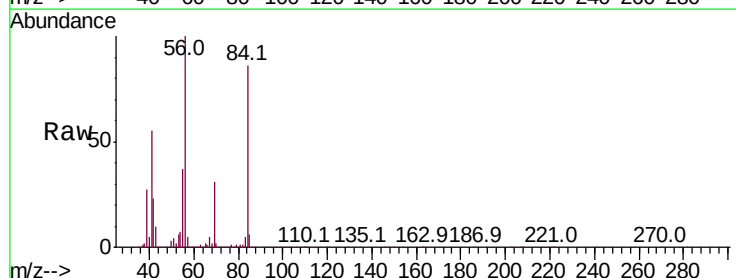
Manual Integrations
APPROVED

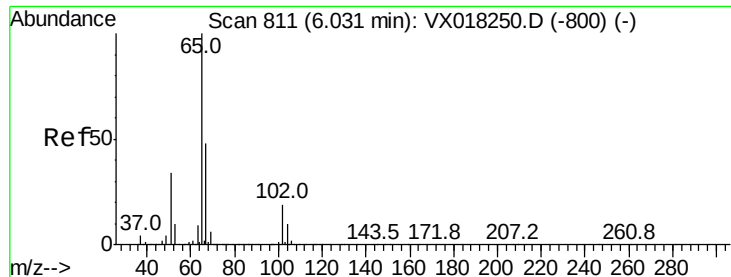
MMDadoda
9/8/2020 5:16:56 PM



#26
Cyclohexane
Concen: 181.903 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion: 56 Resp: 1115416
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 87.2 41.0 61.4#





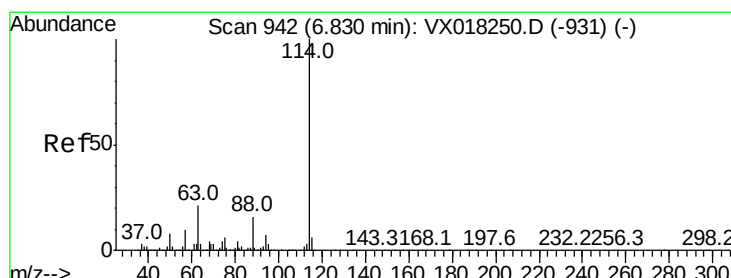
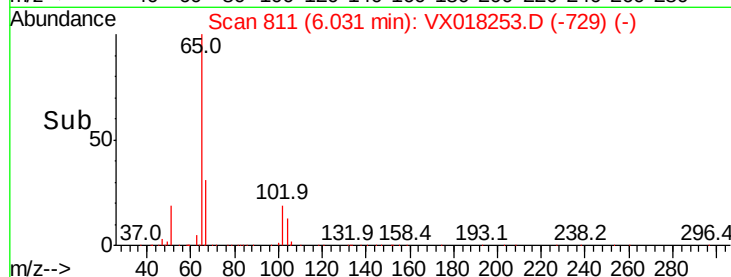
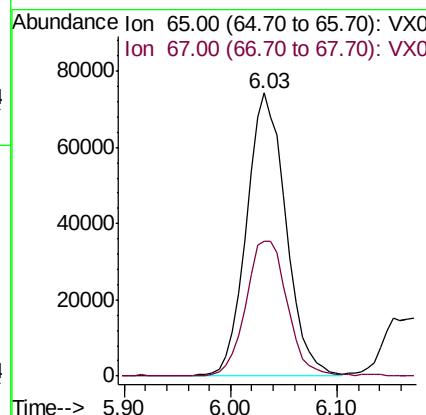
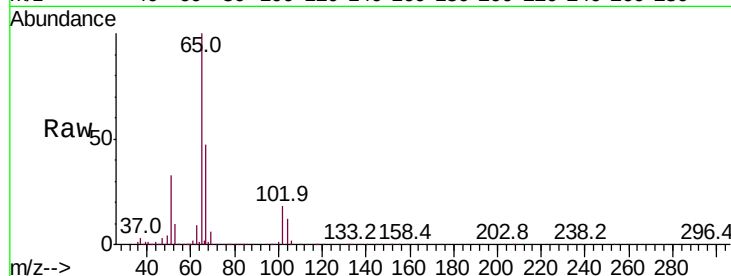
#27
 1,2-Dichloroethane-d4
 Concen: 28.919 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.2	39.9	59.9

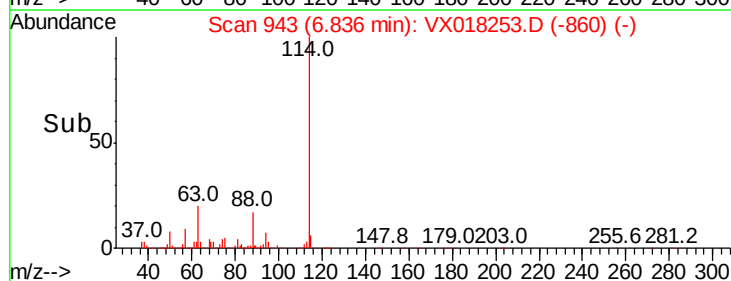
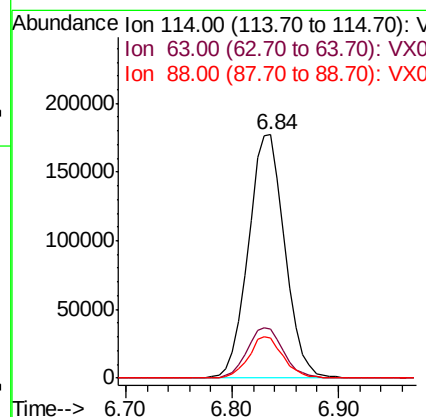
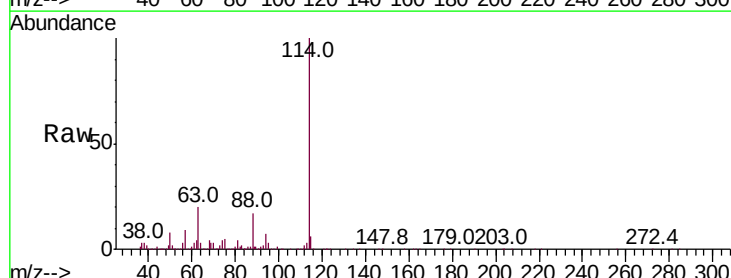
Manual Integrations
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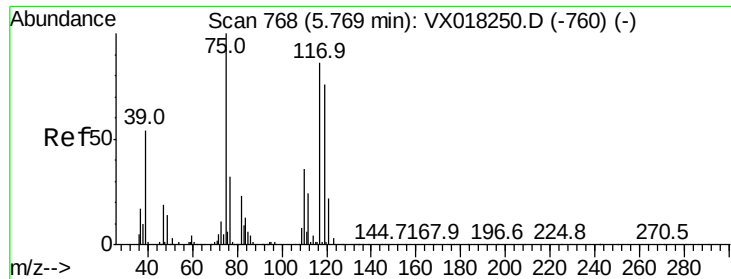
MMDadoda
 9/8/2020 5:16:56 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	16.7	25.1
88	16.1	12.6	18.8





#29

1,1-Dichloropropene

Concen: 193.805 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 1027228

Ion Ratio Lower Upper

75 100

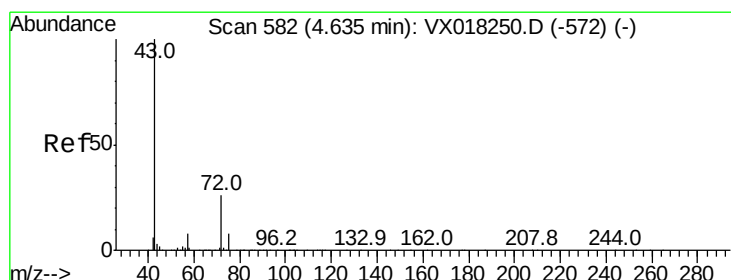
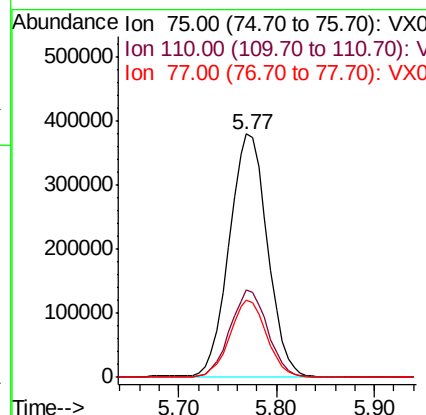
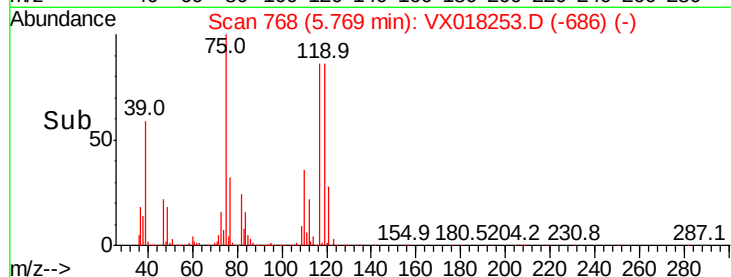
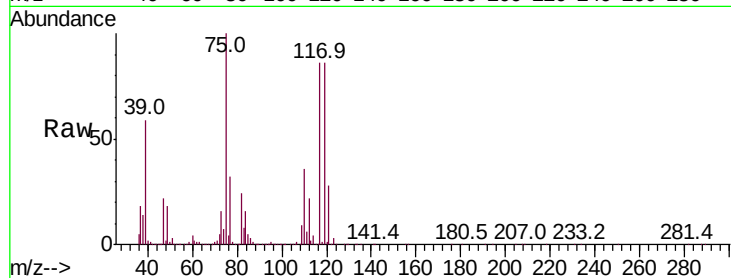
110 35.5 0.0 72.2

77 30.6 0.0 61.0

Manual Integrations
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9/8/2020 5:16:56 PM



#30

2-Butanone

Concen: 955.343 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

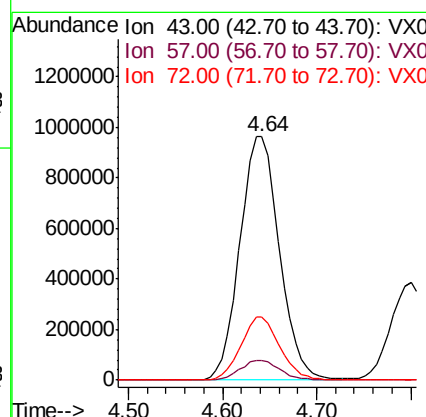
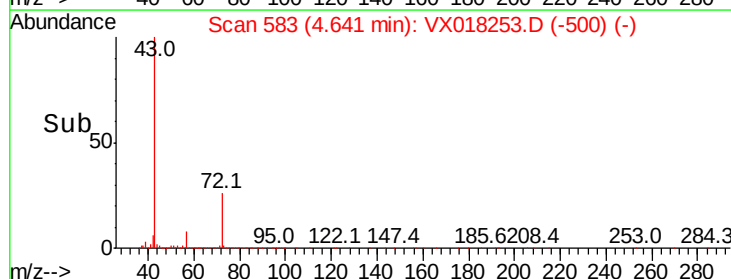
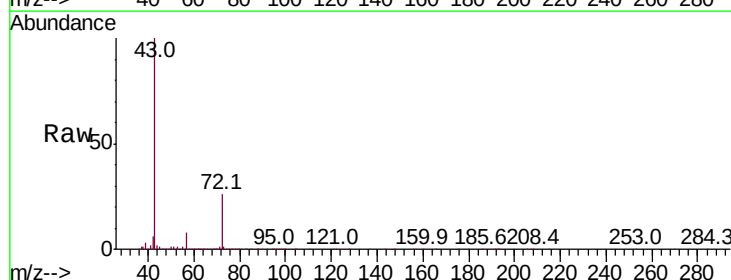
Tgt Ion: 43 Resp: 2822629

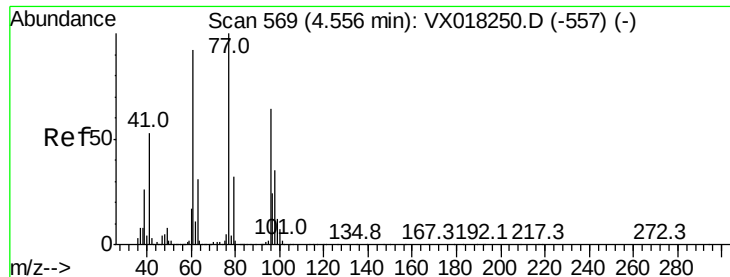
Ion Ratio Lower Upper

43 100

57 8.2 6.7 10.1

72 25.4 20.0 30.0





#31

2,2-Dichloropropane

Concen: 183.346 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 1214054

Ion Ratio Lower Upper

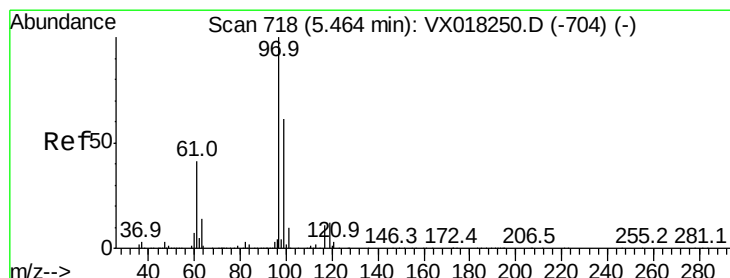
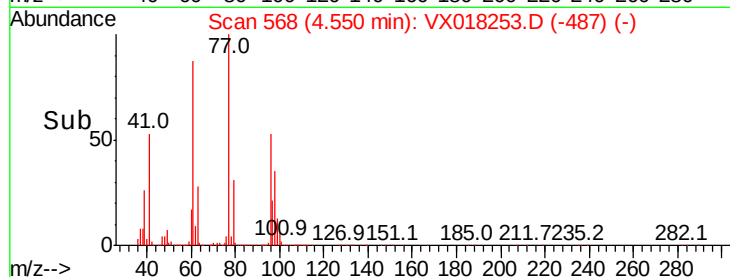
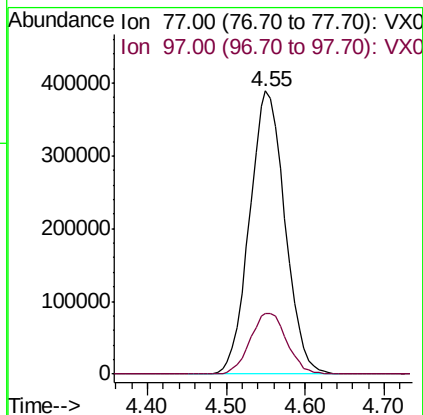
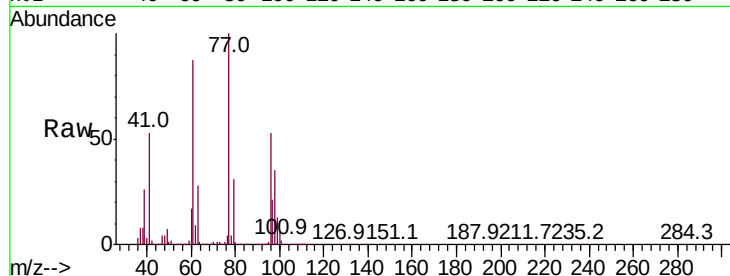
77 100

97 22.1 18.1 27.1

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#32

1,1,1-Trichloroethane

Concen: 184.931 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

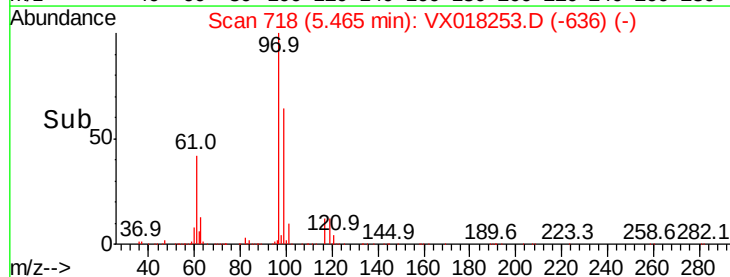
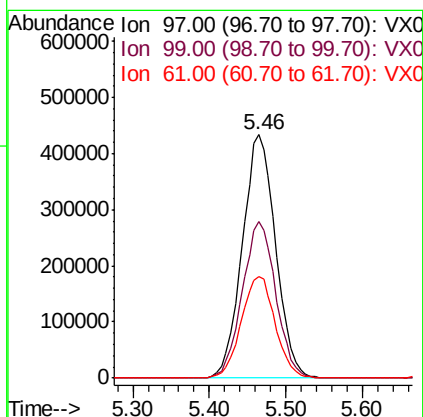
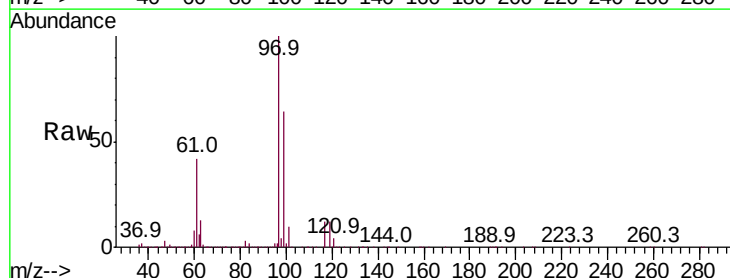
Tgt Ion: 97 Resp: 1313662

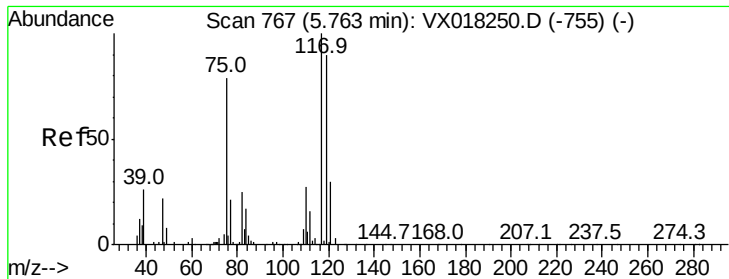
Ion Ratio Lower Upper

97 100

99 64.7 50.7 76.1

61 42.4 34.5 51.7





#33

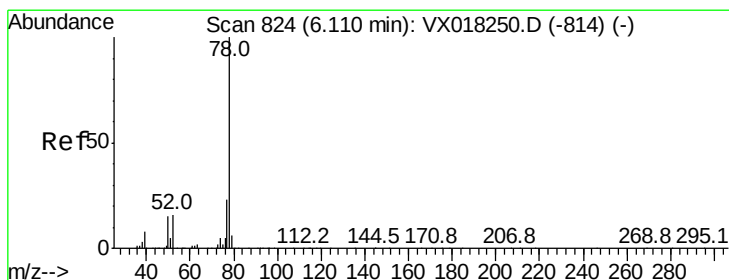
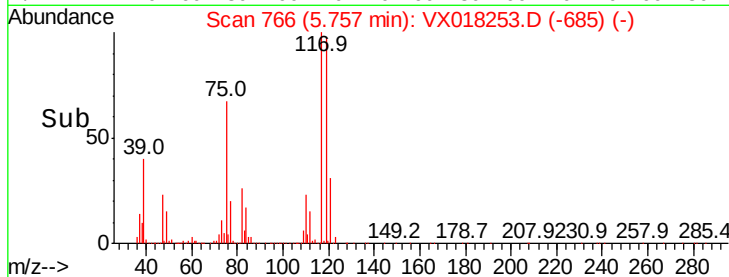
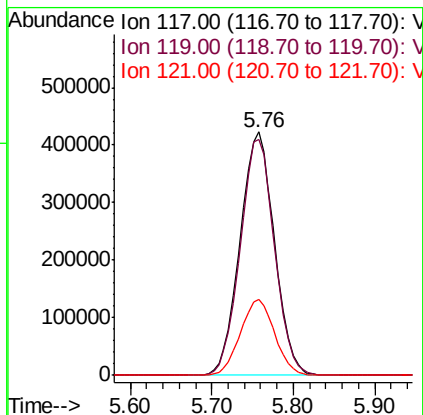
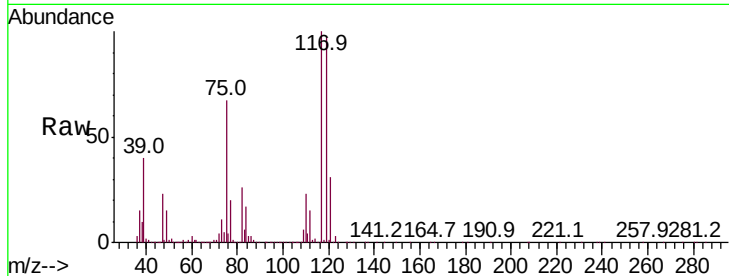
Carbon Tetrachloride
 Concen: 187.996 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.0	72.3	108.5
121	31.1	24.1	36.1

Manual Integrations
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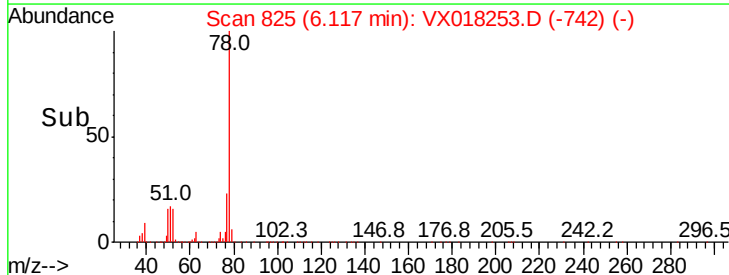
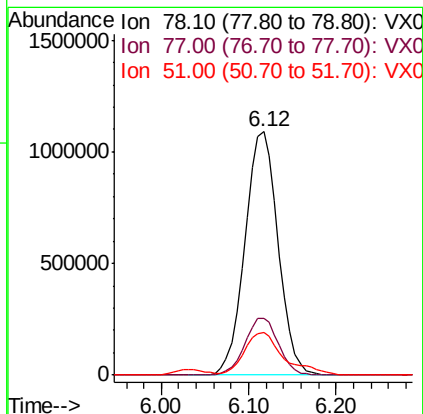
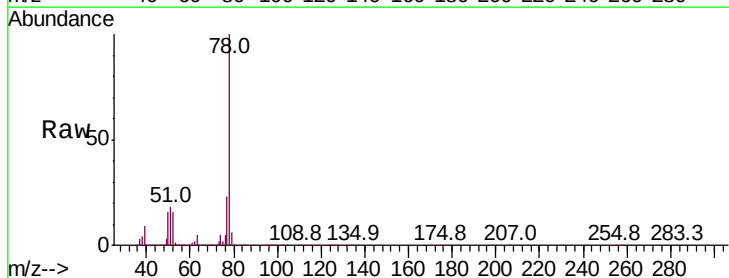
MMDadoda
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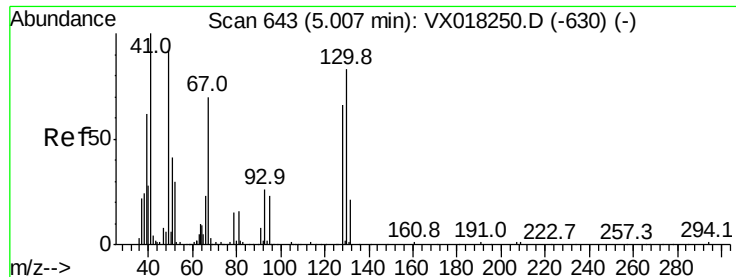


#34

Benzene
 Concen: 189.252 ug/l
 RT: 6.12 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.3	27.5
51	17.2	11.3	16.9





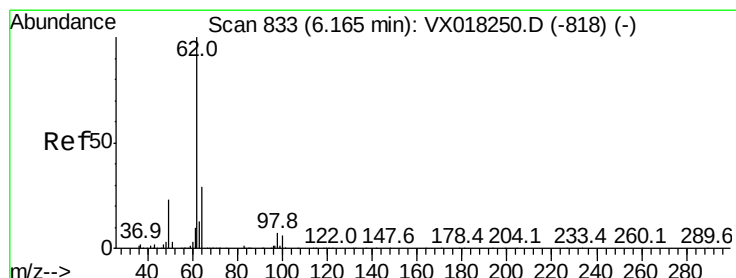
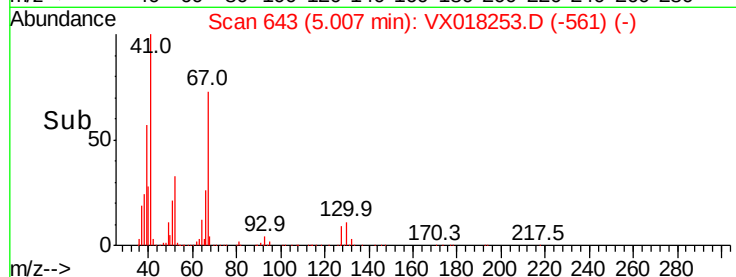
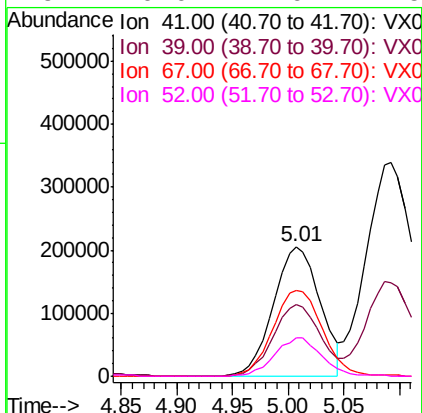
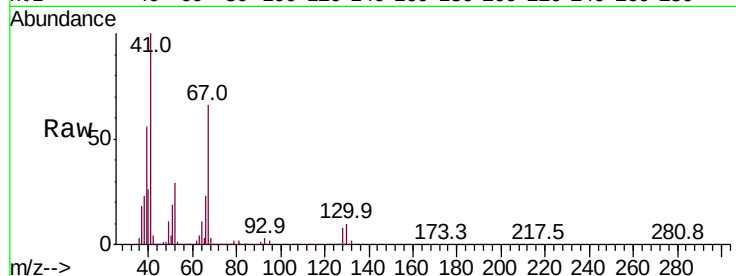
#35
Methacrylonitrile
Concen: 187.259 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		598231		
39	55.3	31.3	93.9		
67	65.9	35.4	106.2		
52	29.0	14.9	44.5		

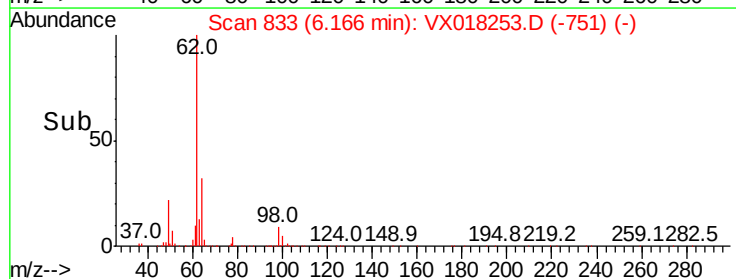
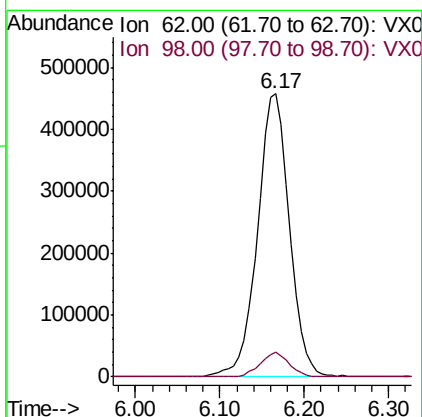
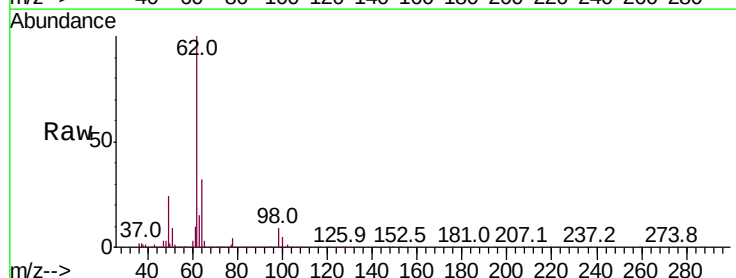
Manual Integrations
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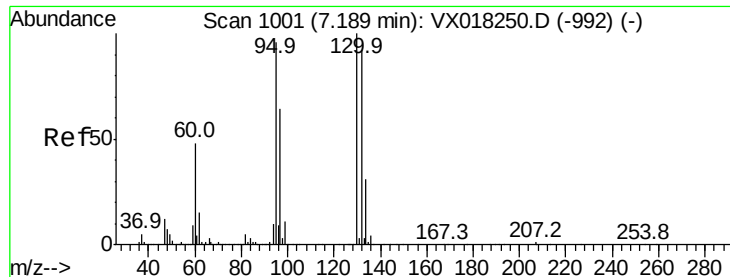
MMDadoda
9/8/2020 5:16:56 PM



#36
1,2-Dichloroethane
Concen: 187.866 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		1191412		
98	8.1	0.0	0.0#		





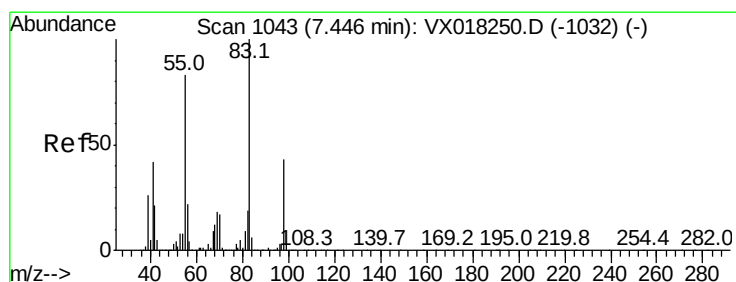
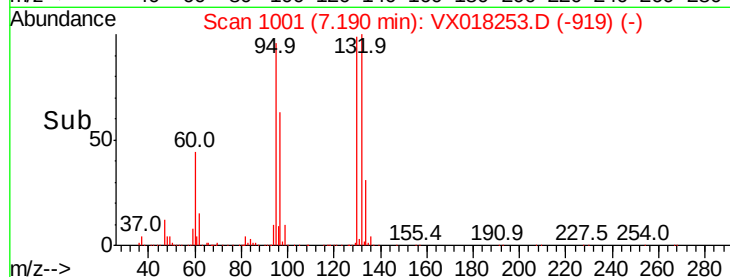
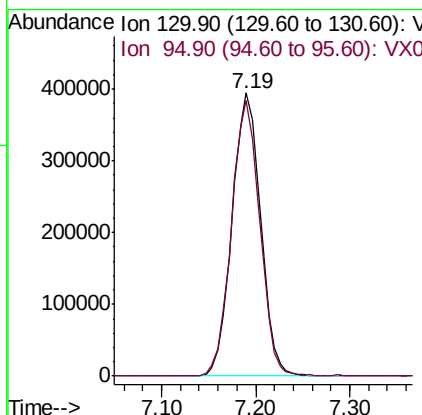
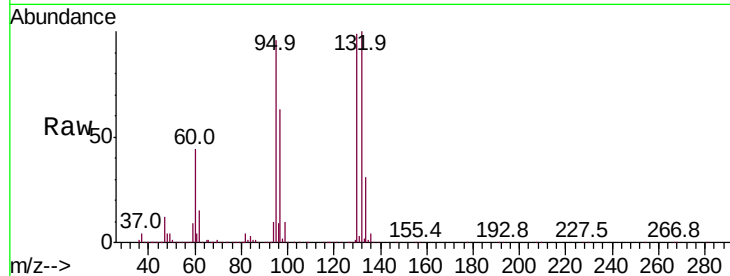
#37
 Trichloroethene
 Concen: 188.924 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
130	100		
95	97.4	76.9	115.3

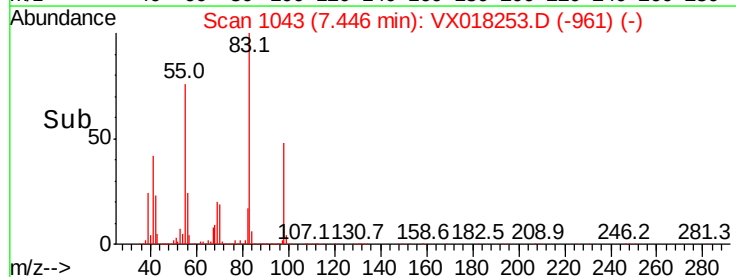
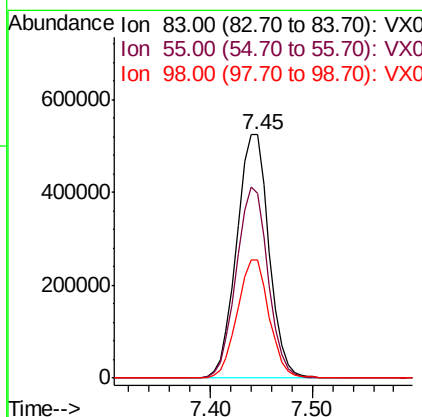
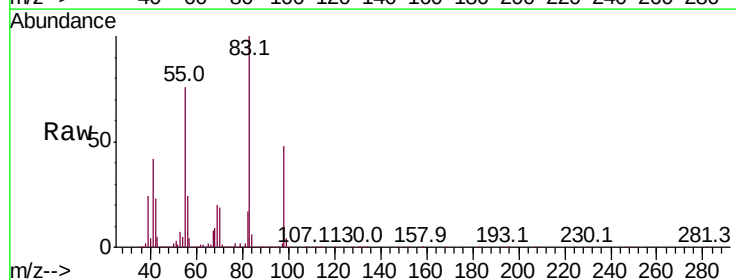
Manual Integrations
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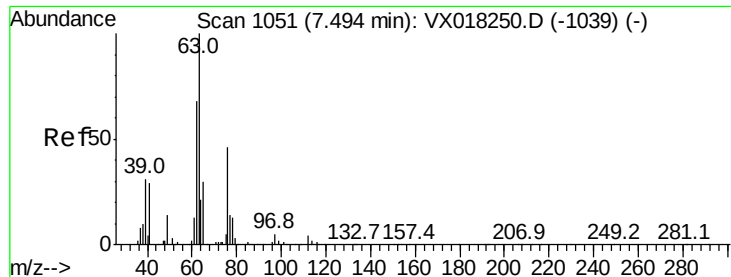
MMDadoda
 9/8/2020 5:16:56 PM



#38
 Methylcyclohexane
 Concen: 187.702 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.8	41.1	123.4
98	48.0	24.0	72.0





#39

1,2-Dichloropropane

Concen: 188.149 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 770016

Ion Ratio Lower Upper

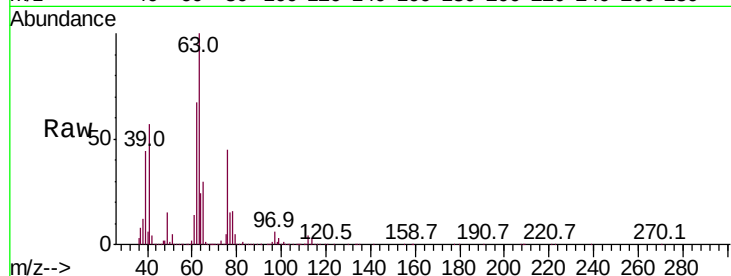
63 100

65 29.7 25.7 38.5

Manual Integrations
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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.49

400000

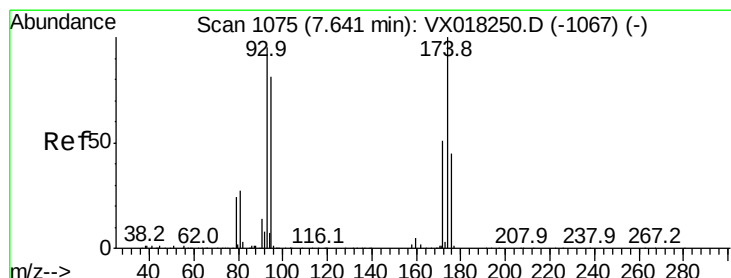
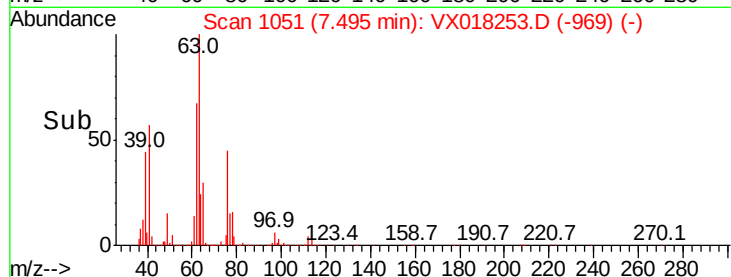
300000

200000

100000

0

Time-->



#40

Dibromomethane

Concen: 187.165 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

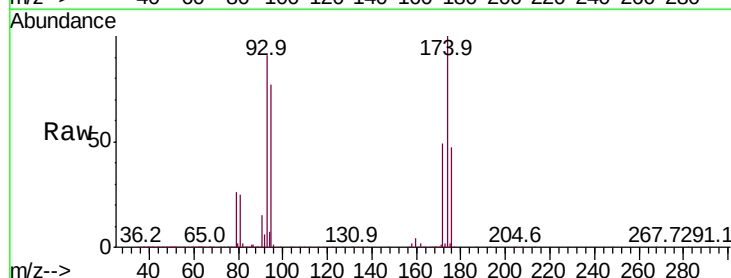
Tgt Ion: 93 Resp: 546931

Ion Ratio Lower Upper

93 100

95 82.5 0.0 167.0

174 106.1 0.0 202.0



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

400000

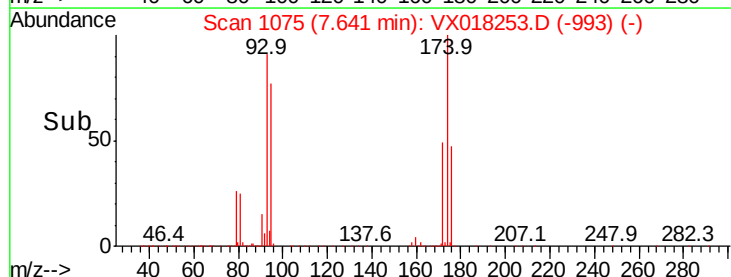
300000

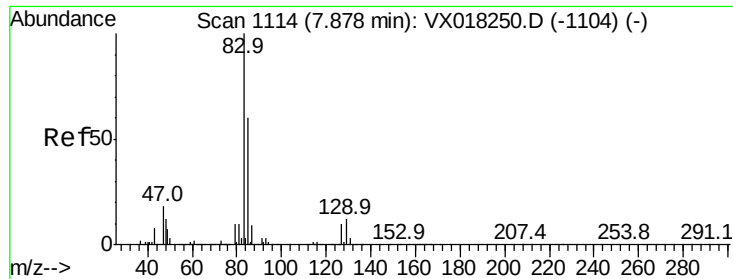
200000

100000

0

Time-->





#41

Bromodichloromethane

Concen: 182.449 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1153750

Ion Ratio Lower Upper

83 100

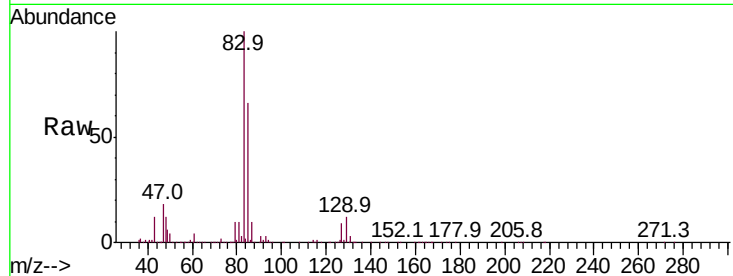
85 66.1 48.2 72.2

127 9.4 8.0 12.0

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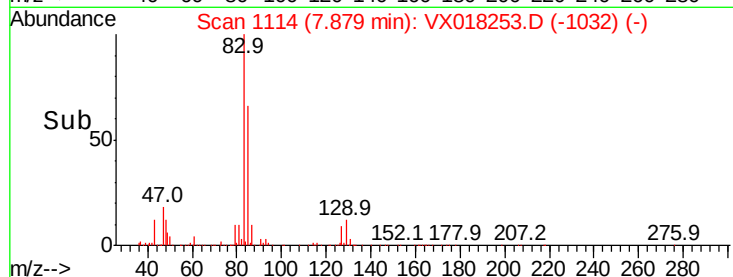
MMDadoda

9/8/2020 5:16:56 PM

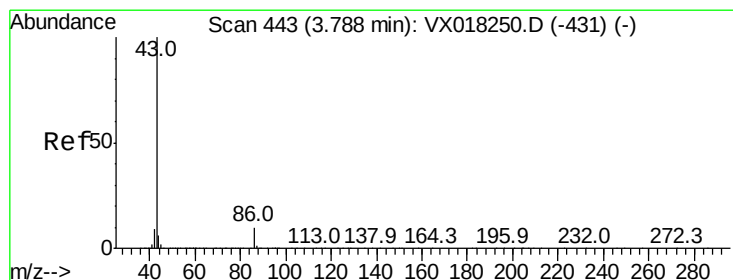


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V

7.88



Time-->



#42

Vinyl Acetate

Concen: 1033.696 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018253.D

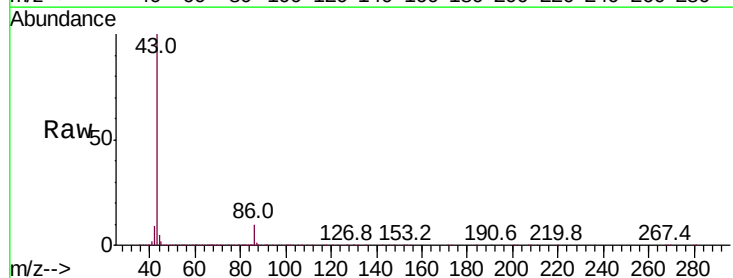
Acq: 04 Sep 2020 11:48

Tgt Ion: 43 Resp: 10559422

Ion Ratio Lower Upper

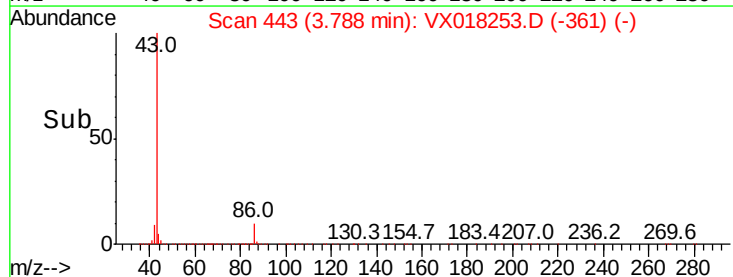
43 100

86 9.2 7.2 10.8

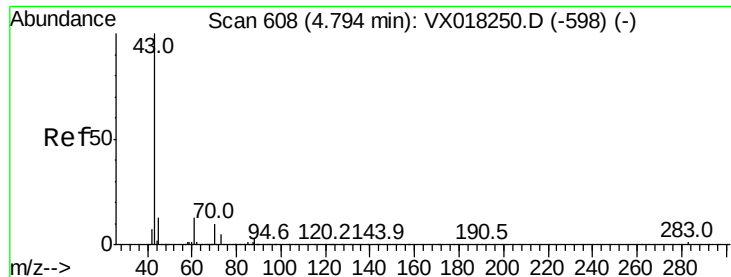


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

3.79



Time-->



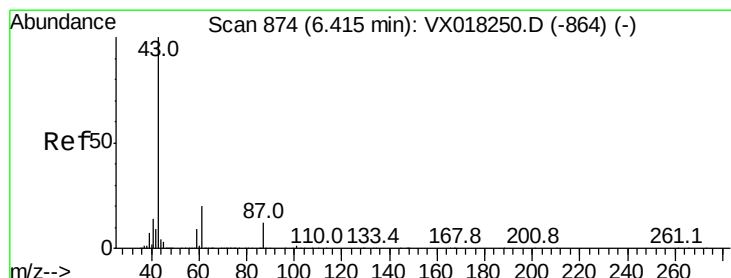
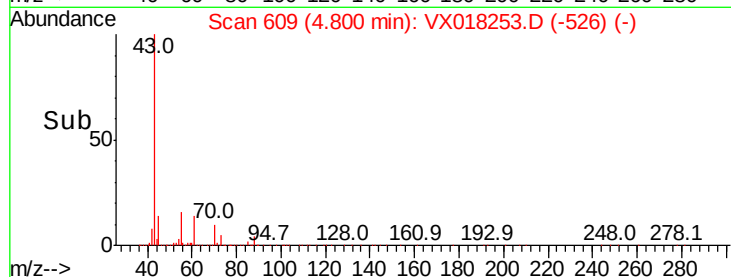
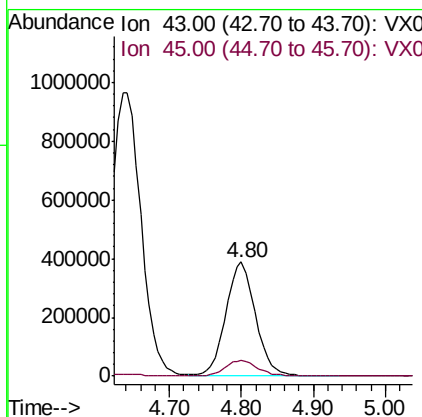
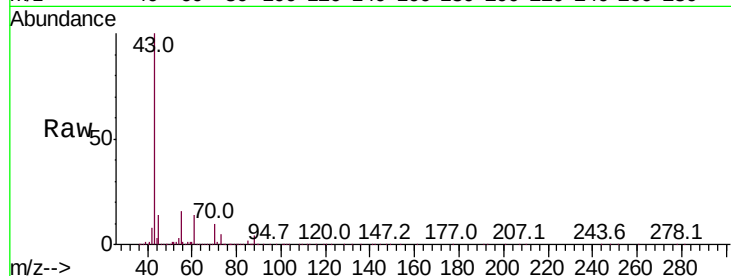
#43
Ethyl Acetate
Concen: 197.615 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampled :
VSTDICC150

Tot Ion: 43 Resp: 1118159
Ion Ratio Lower Upper
43 100
45 14.5 11.2 16.8

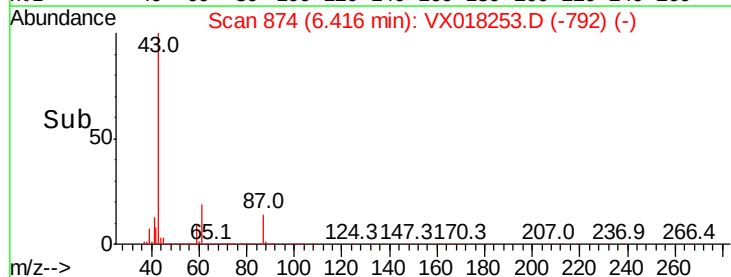
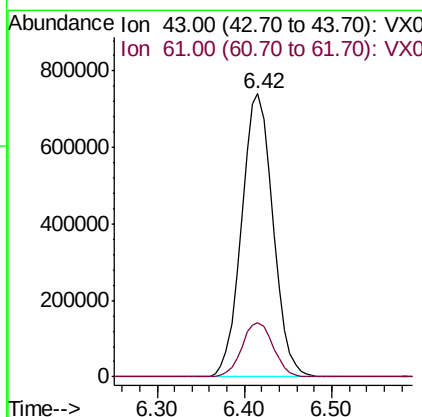
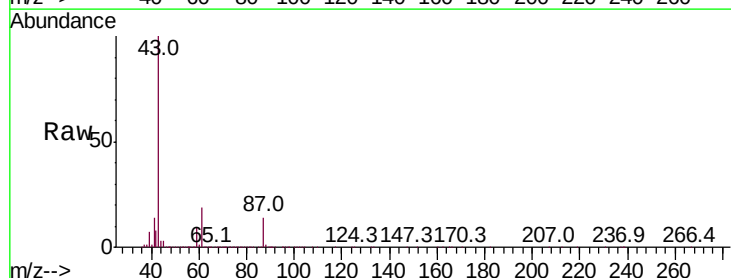
Manual Integrations
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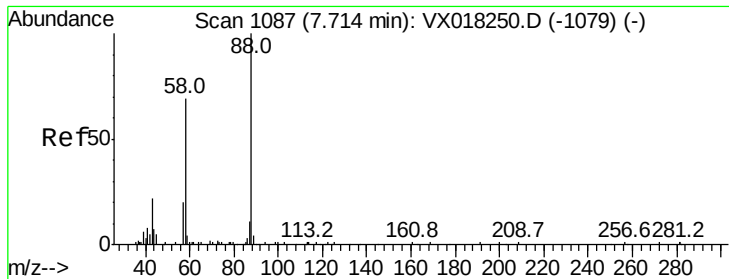
MMDadoda
9/8/2020 5:16:56 PM



#44
Isopropyl Acetate
Concen: 191.283 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion: 43 Resp: 1843867
Ion Ratio Lower Upper
43 100
61 19.3 14.6 22.0





#45

1,4-Dioxane

Concen: 3513.463 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

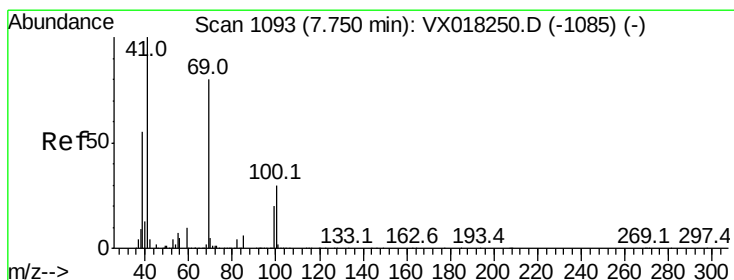
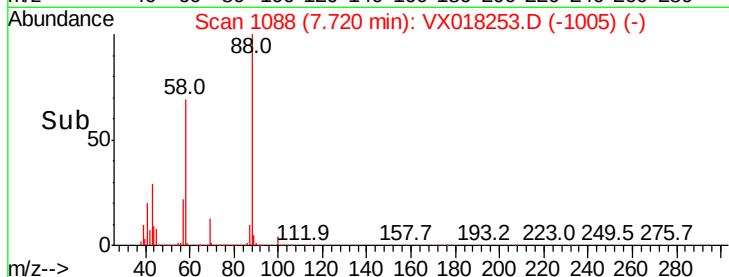
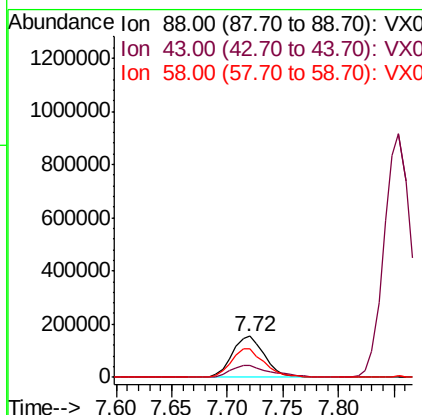
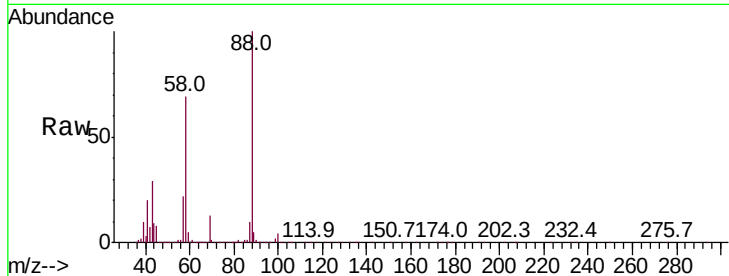
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	314774
Ion	Ratio	Lower	Upper
88	100		
43	35.7	13.6	20.4#
58	70.7	58.2	87.4

Manual Integrations
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9/8/2020 5:16:56 PM



#46

Methyl methacrylate

Concen: 199.440 ug/l

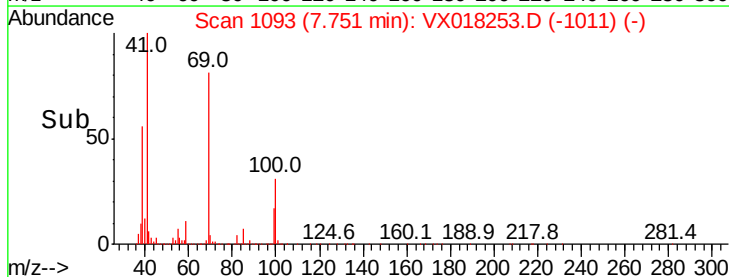
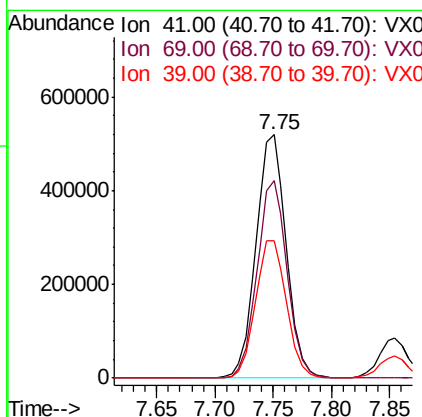
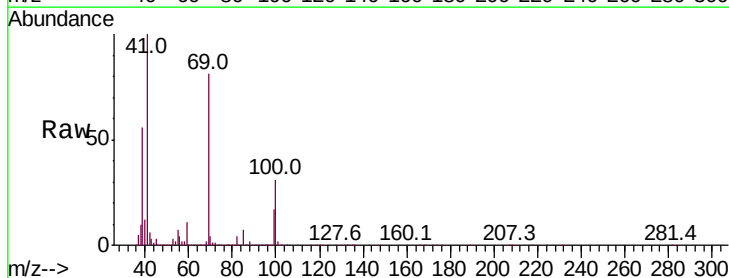
RT: 7.75 min Scan# 1093

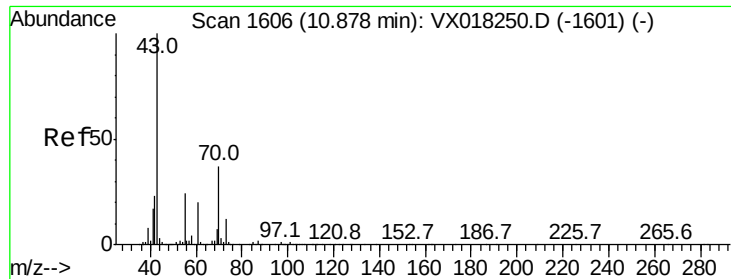
Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Tgt Ion:	41	Resp:	937876
Ion	Ratio	Lower	Upper
41	100		
69	81.1	40.3	120.8
39	56.2	27.3	81.9





#47

n-amvl Acetate

Concen: 213.581 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1707790

Ion Ratio Lower Upper

43 100

55 23.1

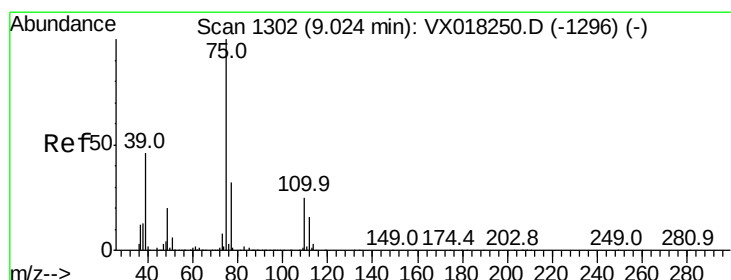
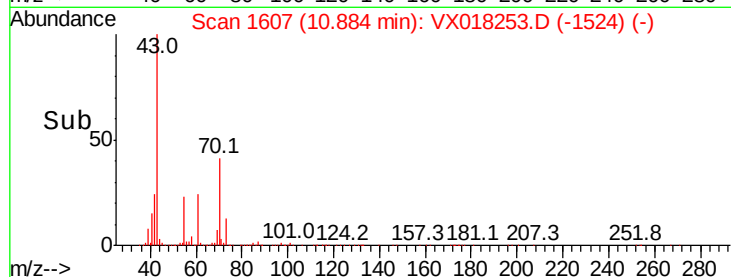
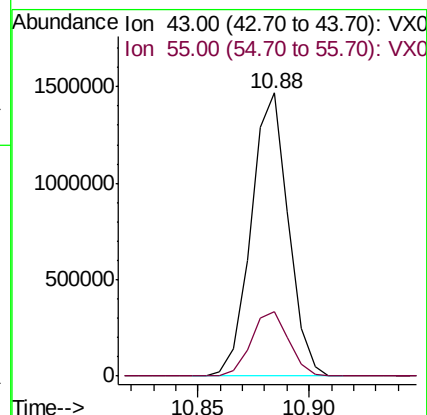
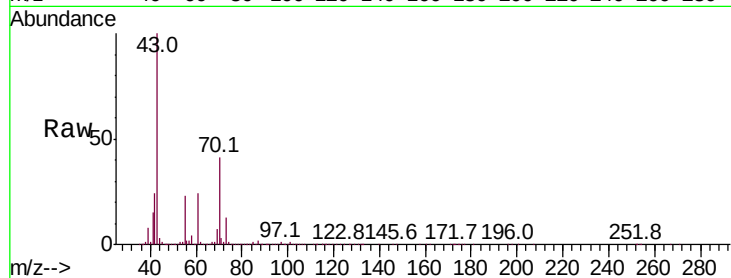
18.9

28.3

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9/8/2020 5:16:56 PM



#48

t-1,3-Dichloropropene

Concen: 194.730 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Tgt Ion: 75 Resp: 1319891

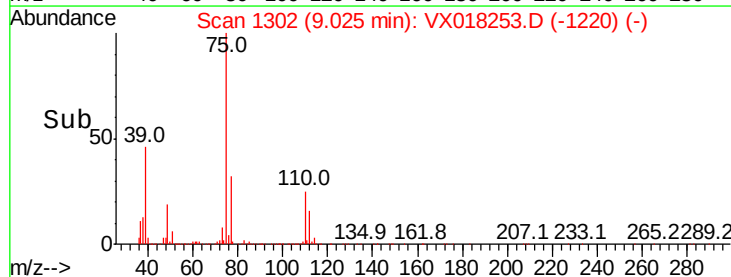
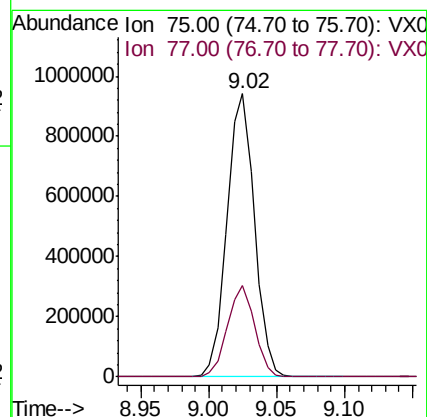
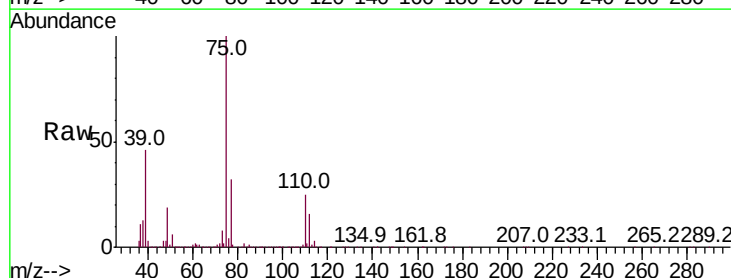
Ion Ratio Lower Upper

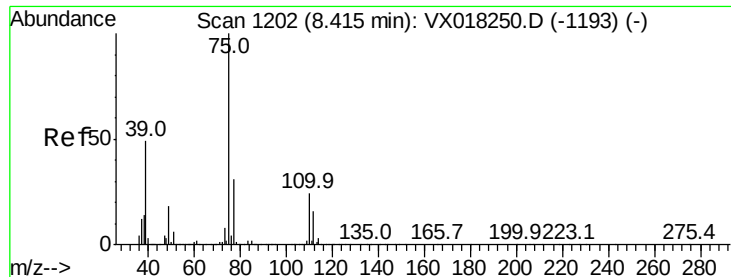
75 100

77 32.2

25.4

38.2





#49

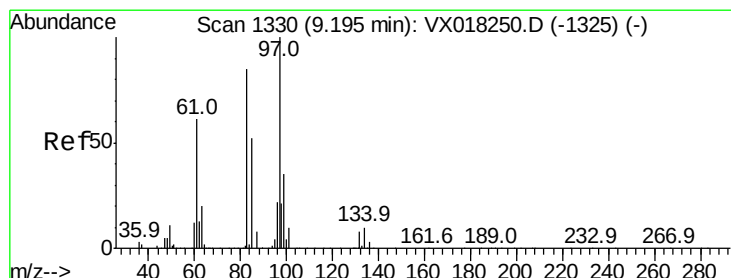
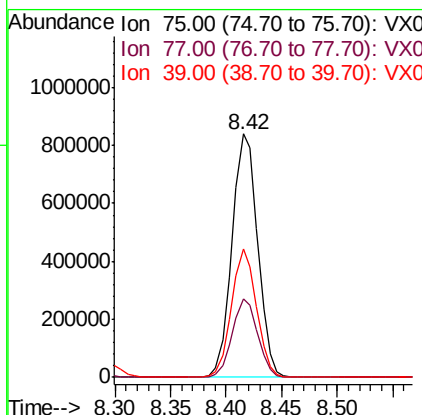
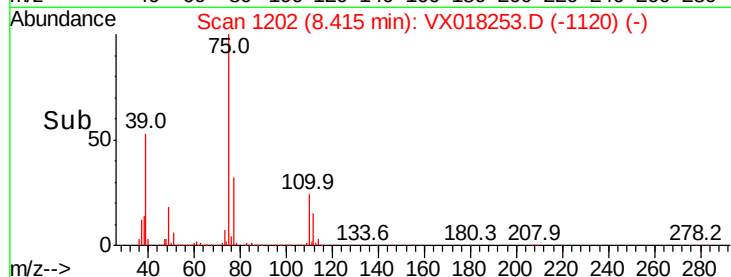
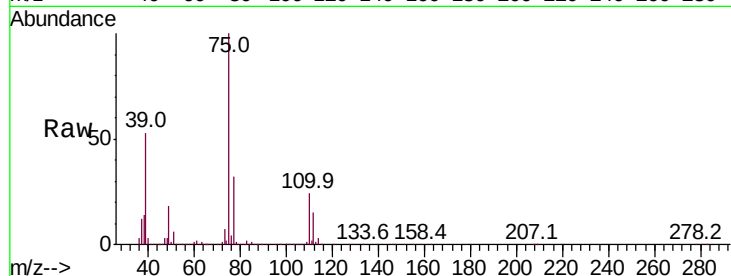
cis-1,3-Dichloropropene
Concen: 183.655 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.7	37.1
39	52.9	39.6	59.4

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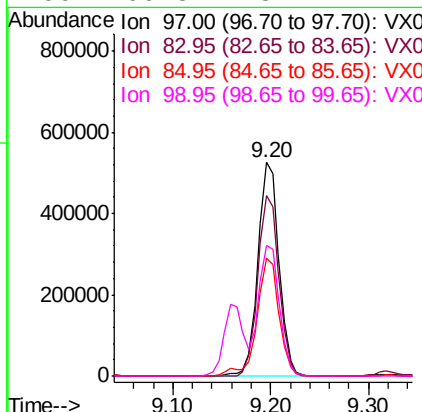
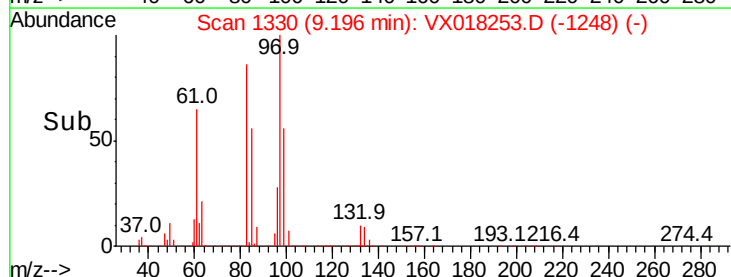
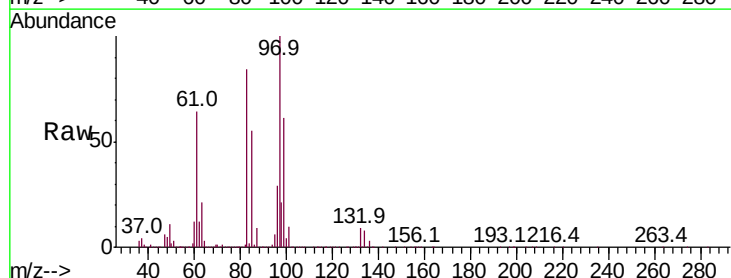
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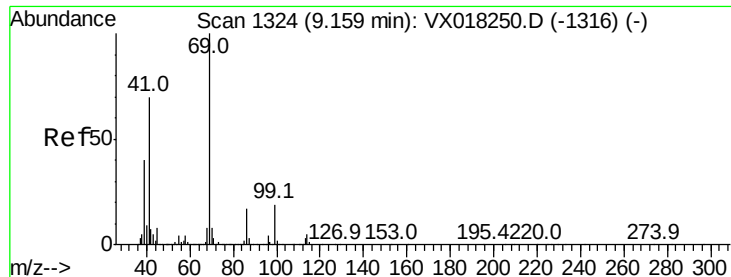


#50

1,1,2-Trichloroethane
Concen: 191.159 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.1	102.1
85	55.2	42.6	64.0
99	60.8	48.2	72.2





#51

Ethyl methacrylate

Concen: 207.758 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 69 Resp: 1248627

Ion Ratio Lower Upper

69 100

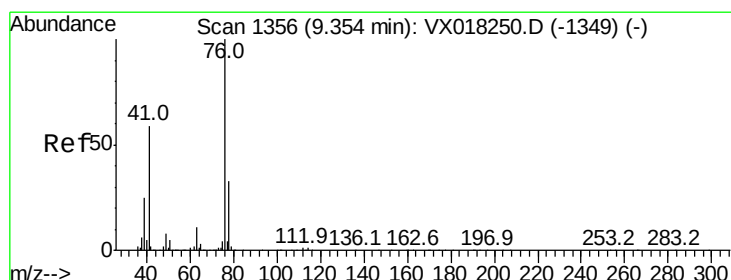
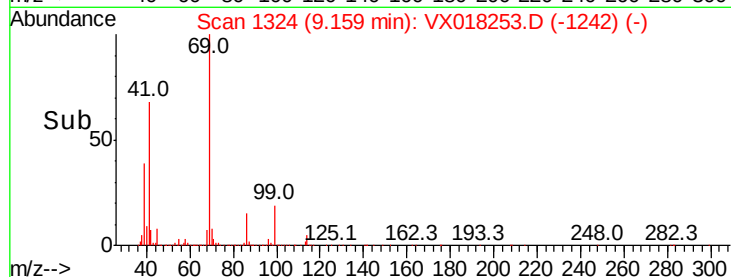
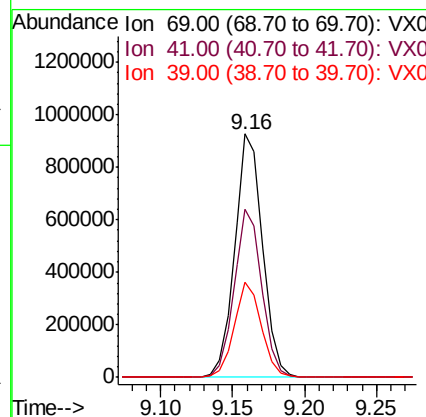
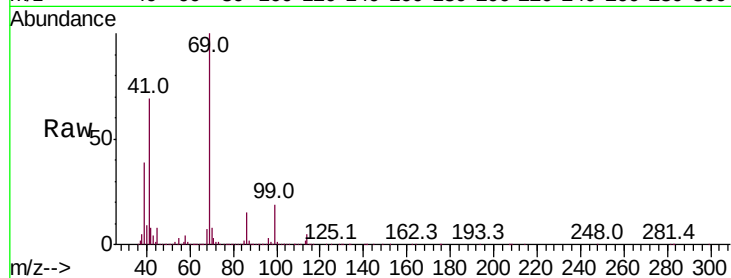
41 68.9 34.9 104.7

39 39.1 19.8 59.3

Manual Integrations
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9/8/2020 5:16:56 PM



#52

1,3-Dichloropropane

Concen: 192.646 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018253.D

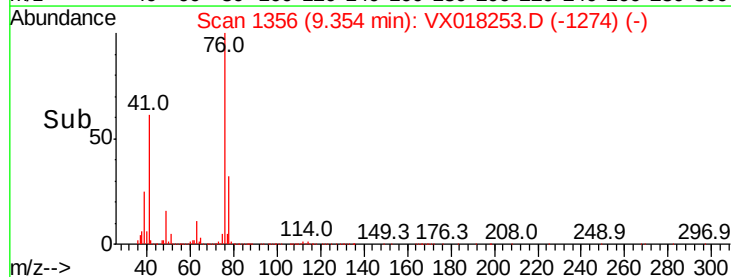
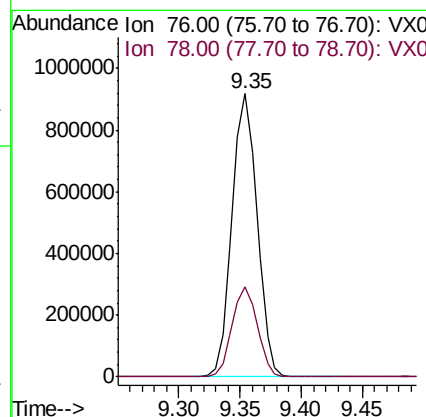
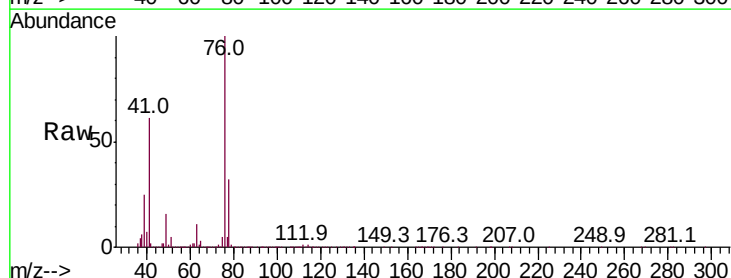
Acq: 04 Sep 2020 11:48

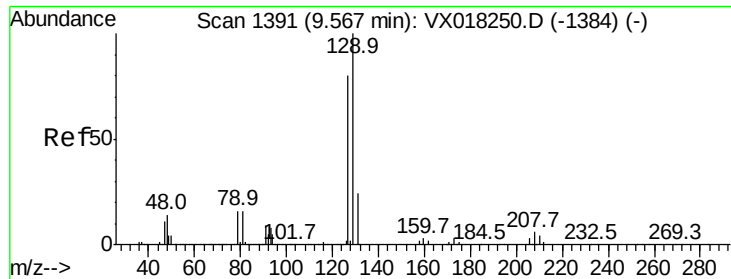
Tgt Ion: 76 Resp: 1304069

Ion Ratio Lower Upper

76 100

78 32.0 0.0 62.2





#53

Dibromochloromethane

Concen: 191.510 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 1002570

Ion Ratio Lower Upper

129 100

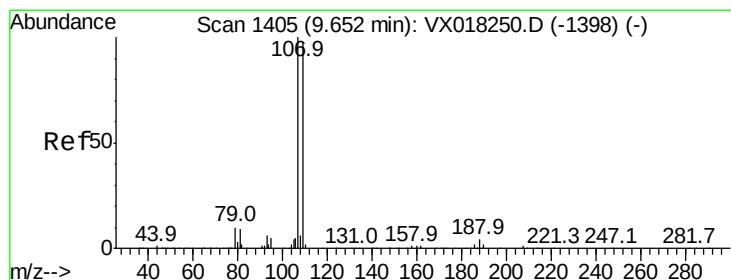
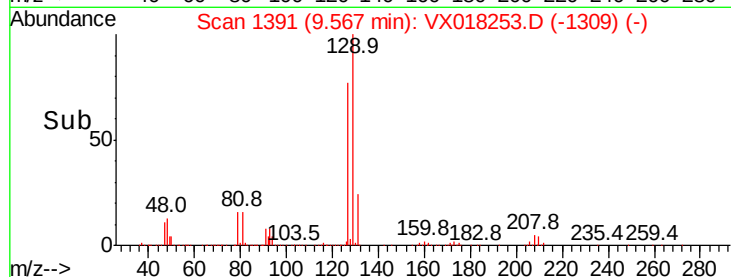
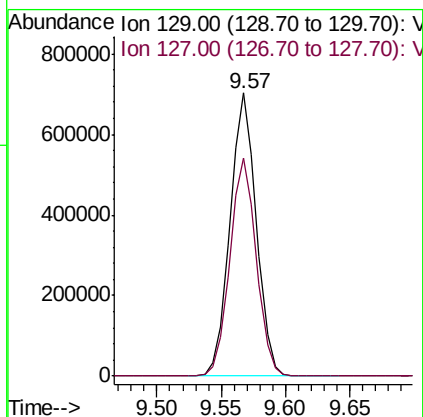
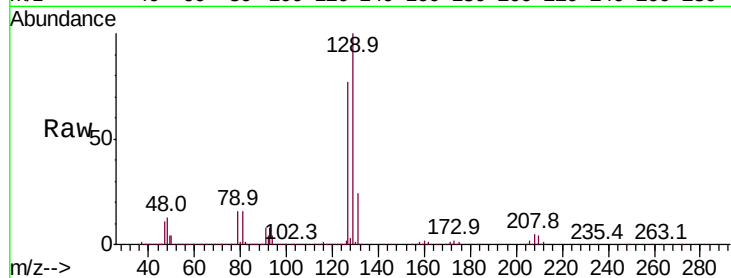
127 77.3 38.9 116.6

Manual Integrations

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9/8/2020 5:16:56 PM



#54

1,2-Dibromoethane

Concen: 193.165 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018253.D

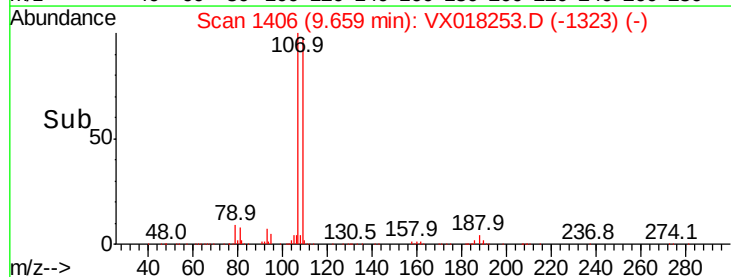
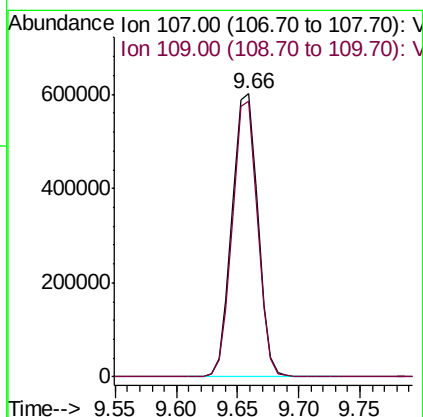
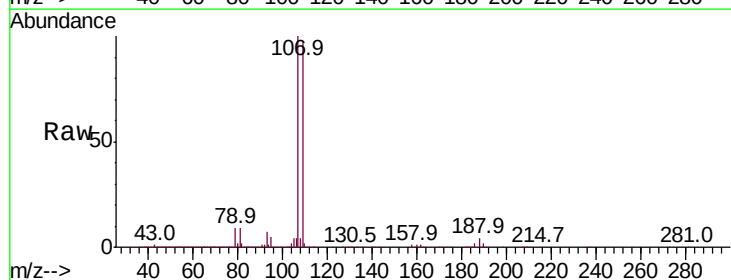
Acq: 04 Sep 2020 11:48

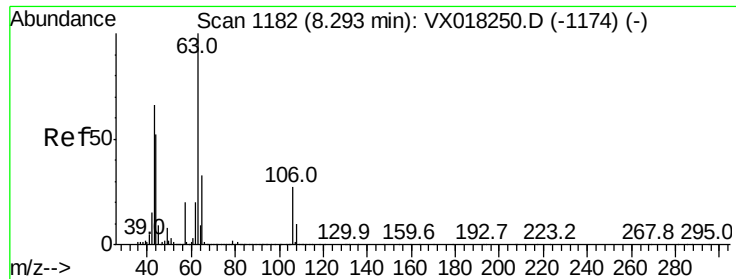
Tgt Ion:107 Resp: 872770

Ion Ratio Lower Upper

107 100

109 94.9 77.8 116.6





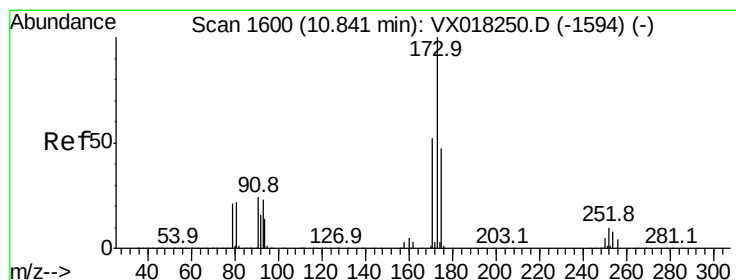
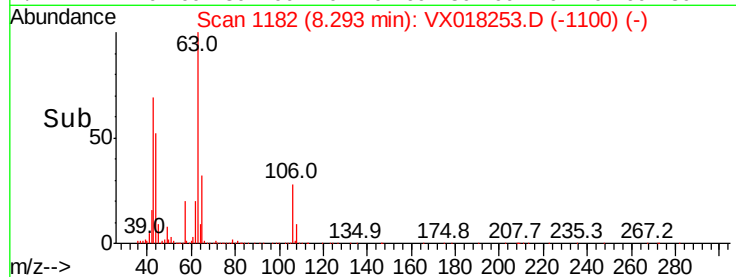
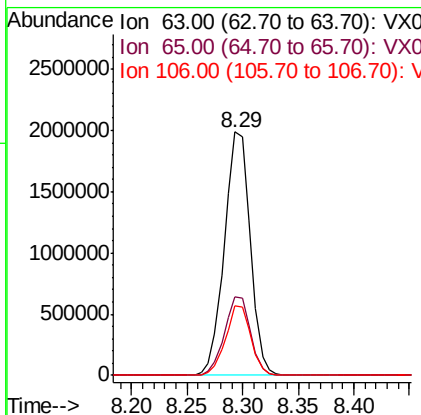
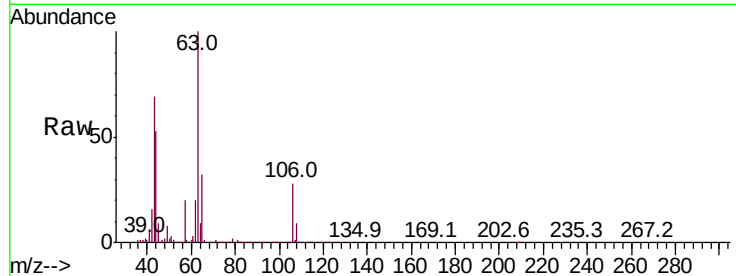
#55
 2-Chloroethyl vinyl ether
 Concen: 982.378 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	26.0	39.0
106	27.9	22.3	33.5

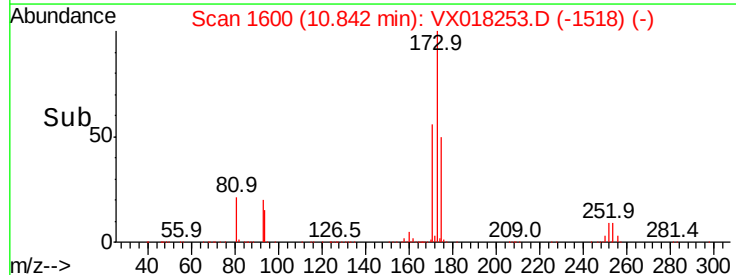
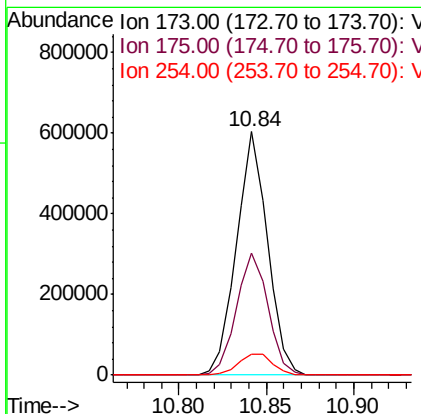
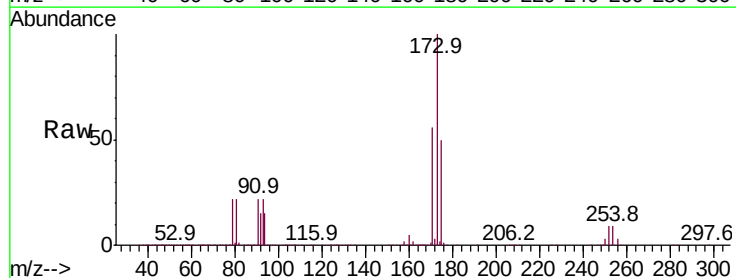
Manual Integrations
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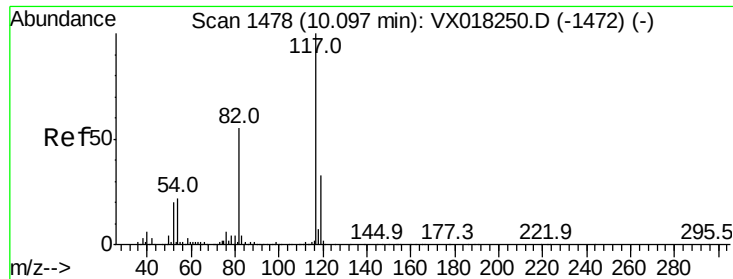
MMDadoda
 9/8/2020 5:16:56 PM



#56
 Bromoform
 Concen: 191.979 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.0	40.2	60.2
254	9.7	7.3	10.9





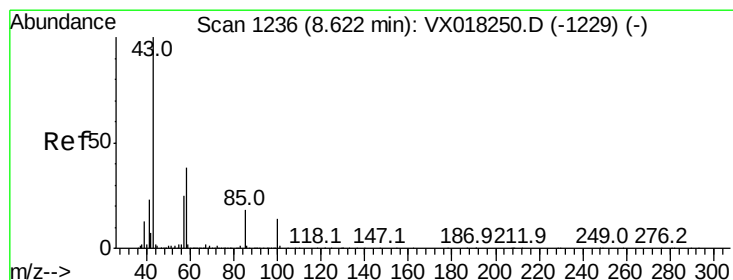
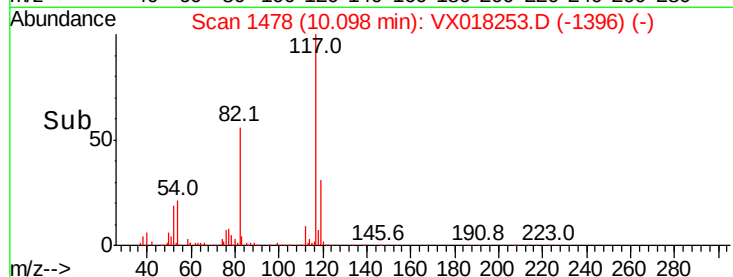
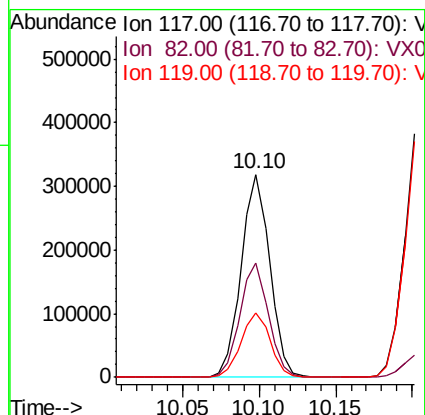
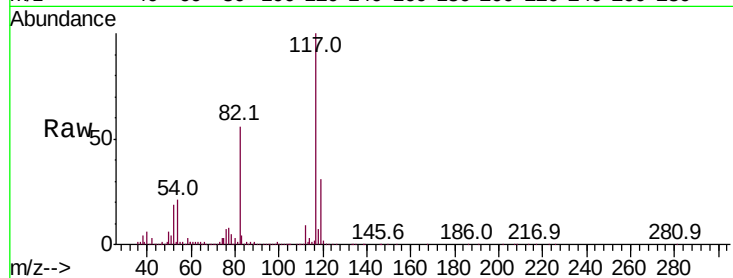
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.2	66.4
119	32.0	26.1	39.1

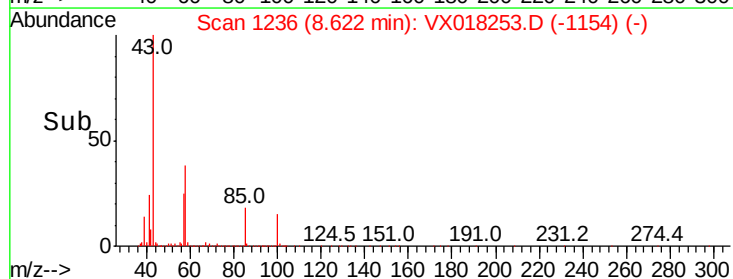
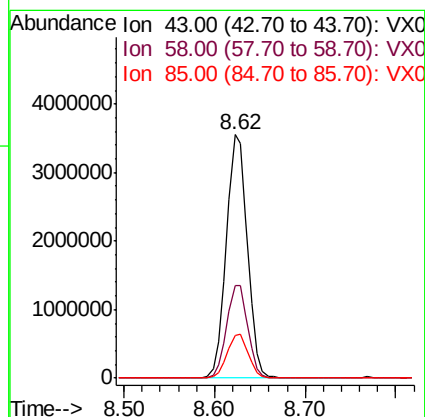
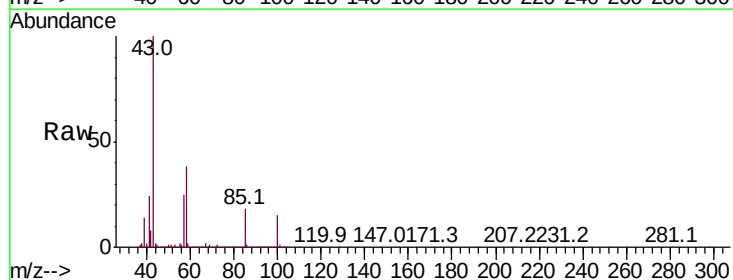
Manual Integrations
APPROVED

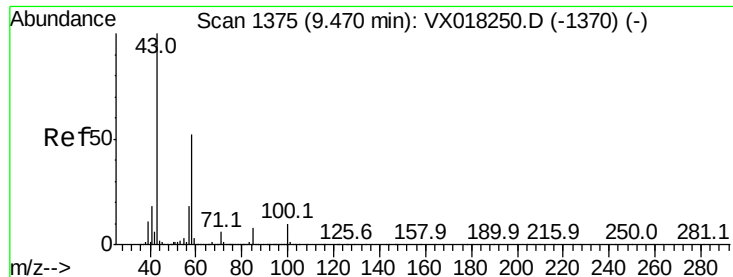
MMDadoda
9/8/2020 5:16:56 PM



#58
4-Methyl-2-Pentanone
Concen: 942.493 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.0	45.0
85	18.0	14.2	21.4





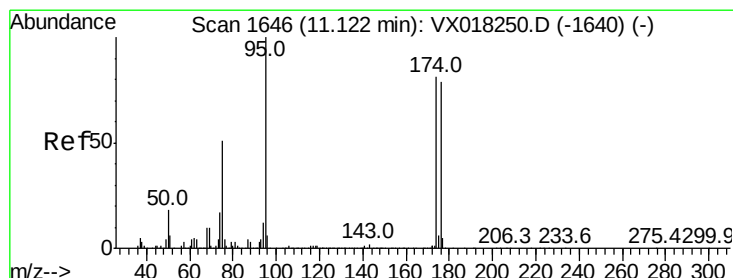
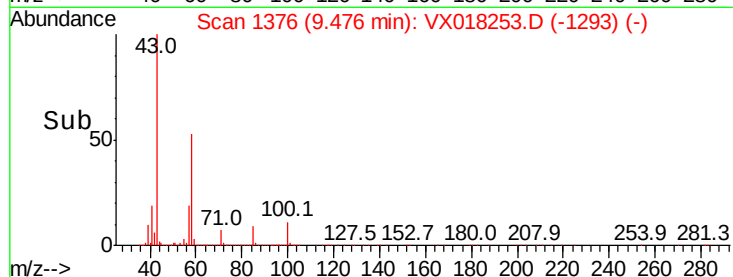
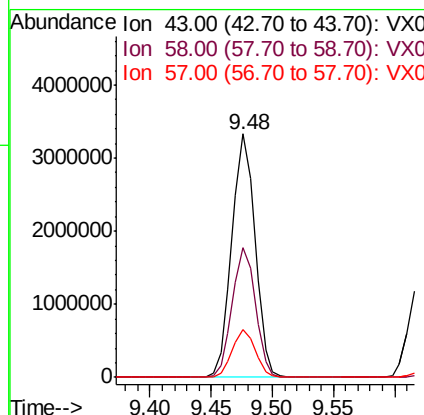
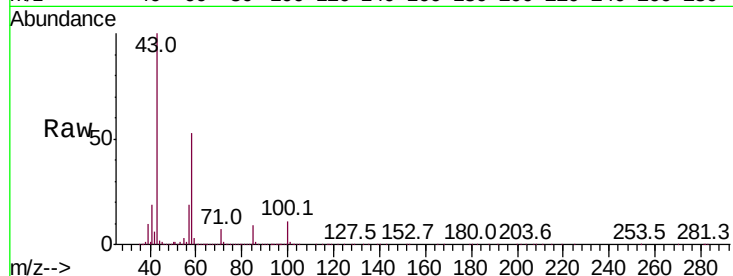
#59
2-Hexanone
Concen: 993.871 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.1	42.5	63.7
57	19.4	14.8	22.2

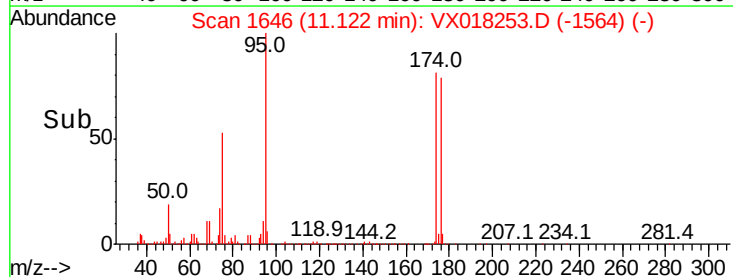
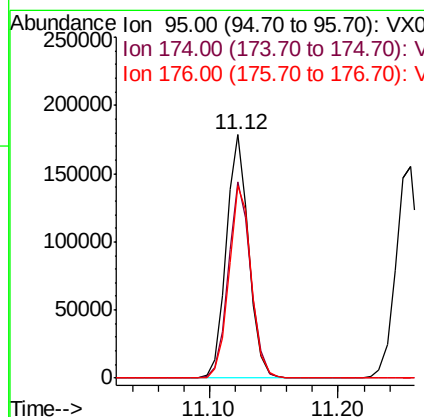
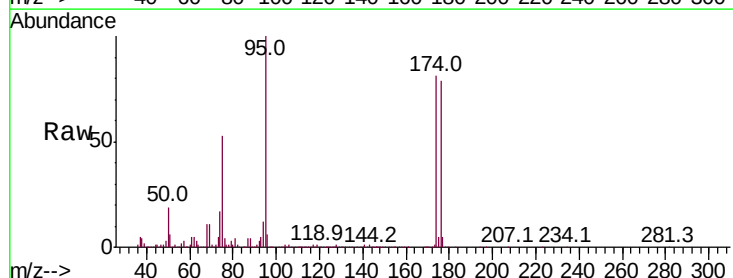
Manual Integrations
APPROVED

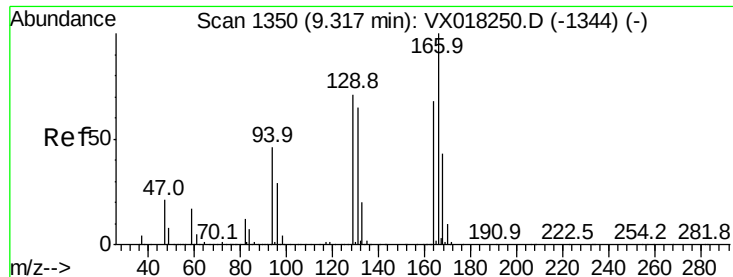
MMDadoda
9/8/2020 5:16:56 PM



#60
4-Bromofluorobenzene
Concen: 31.204 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	64.2	96.4
176	78.7	62.2	93.4





#61

Tetrachloroethene

Concen: 163.397 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion:164 Resp: 757141

Ion Ratio Lower Upper

164 100

166 129.2 117.4 176.0

129 98.9 82.7 124.1

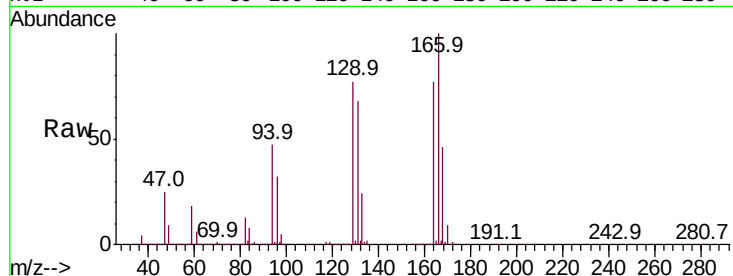
131 87.9 76.7 115.1

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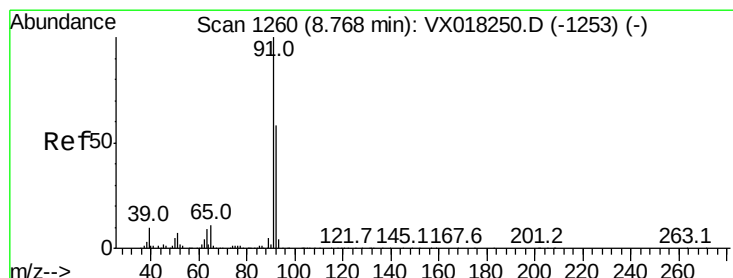
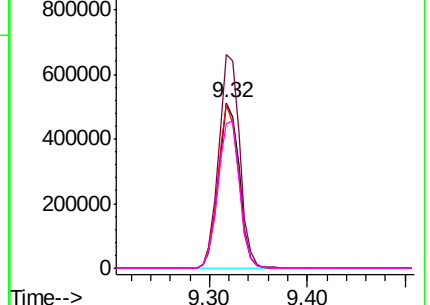
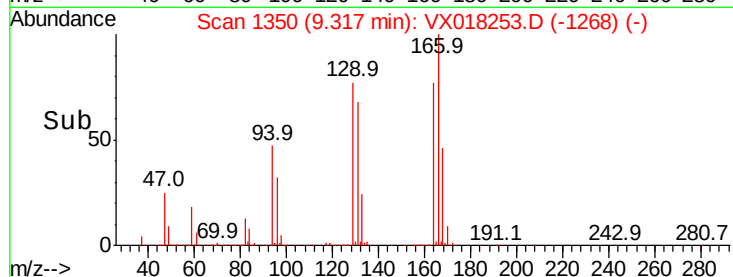


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 187.681 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018253.D

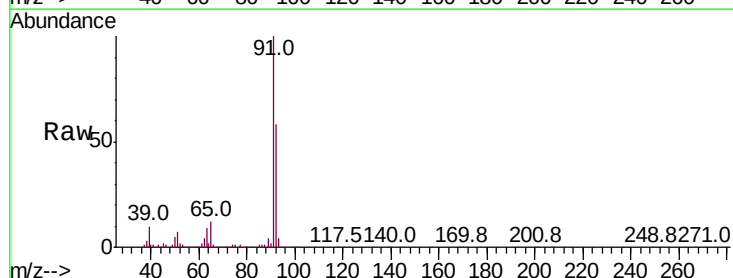
Acq: 04 Sep 2020 11:48

Tgt Ion: 91 Resp: 3222389

Ion Ratio Lower Upper

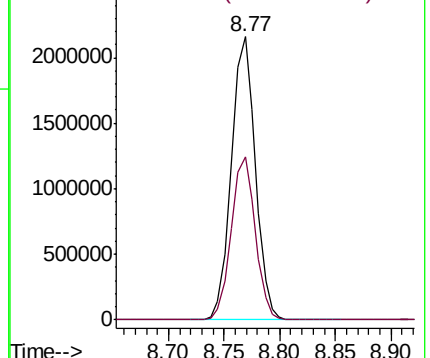
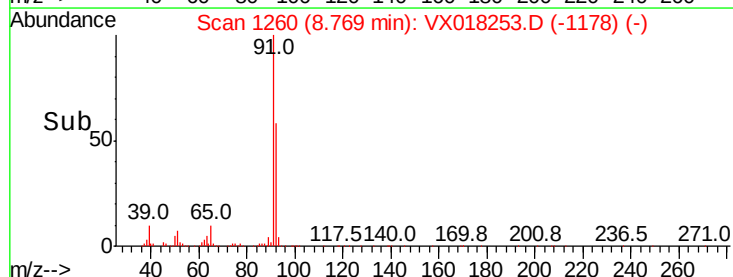
91 100

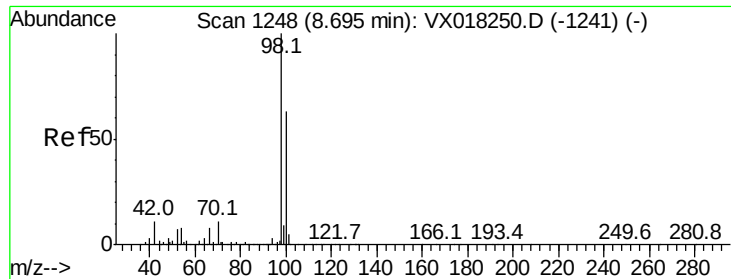
92 57.7 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.804 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 98 Resp: 536427

Ion Ratio Lower Upper

98 100

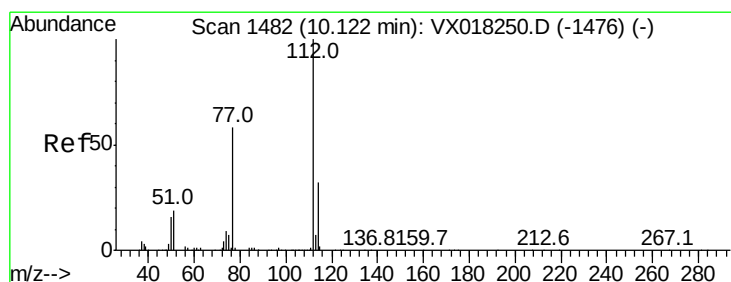
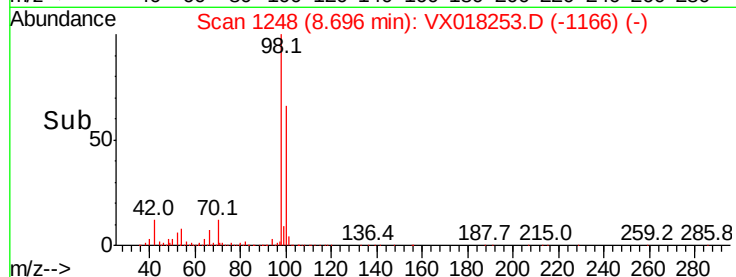
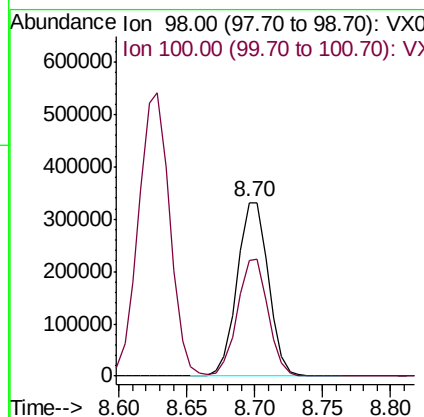
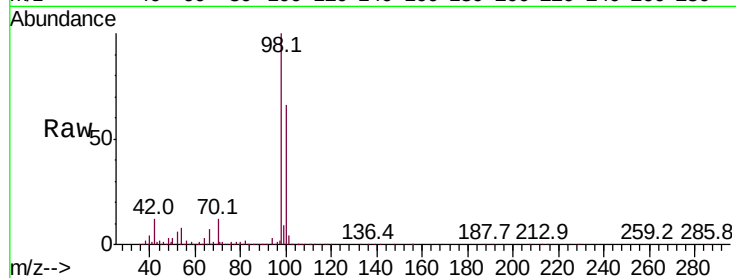
100 65.5 51.4 77.0

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9/8/2020 5:16:56 PM



#64

Chlorobenzene

Concen: 185.135 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018253.D

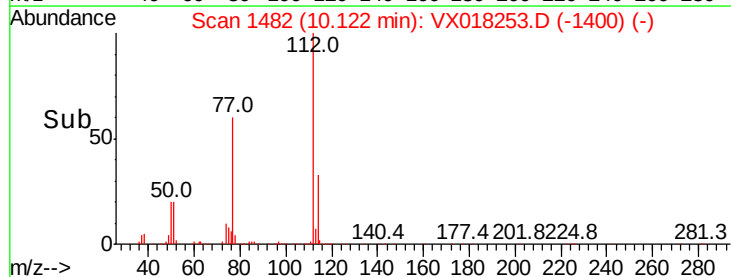
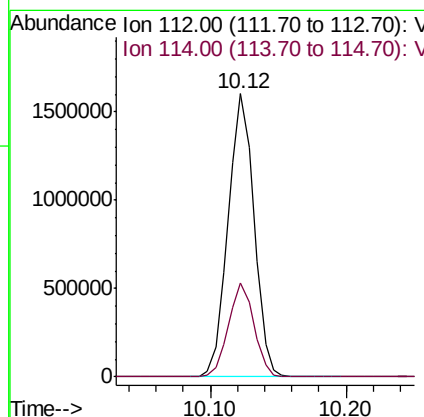
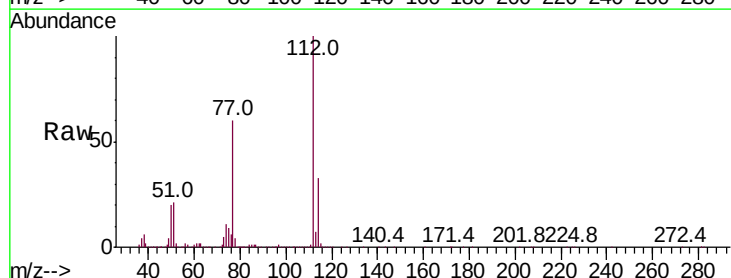
Acq: 04 Sep 2020 11:48

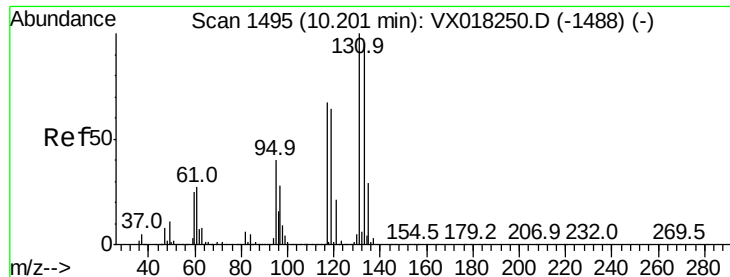
Tgt Ion: 112 Resp: 2122913

Ion Ratio Lower Upper

112 100

114 33.0 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 183.622 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

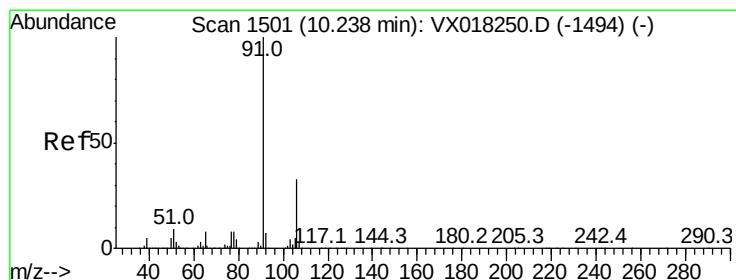
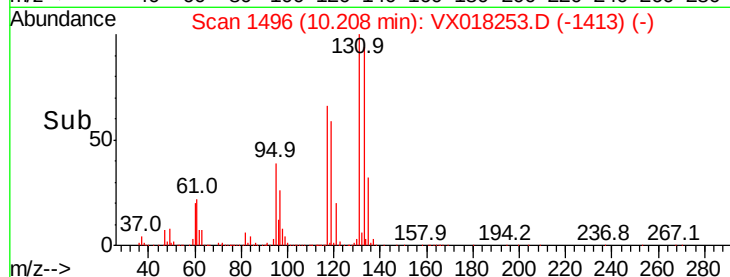
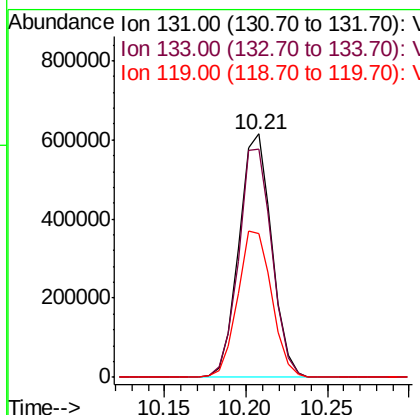
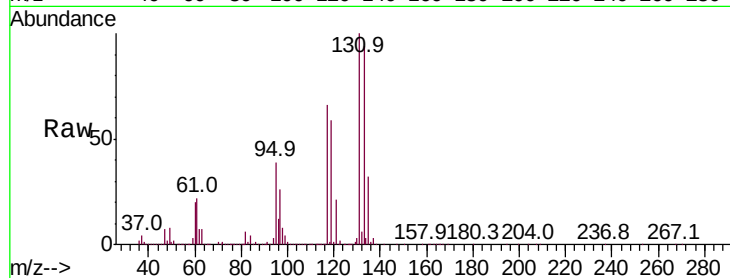
ClientSampleId :

VSTDIC150

Tot Ion:	131	Resp:	860760
Ion Ratio	Lower	Upper	
131	100		
133	95.5	0.0	197.2
119	62.4	0.0	129.8

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#66

Ethyl Benzene

Concen: 193.839 ug/l

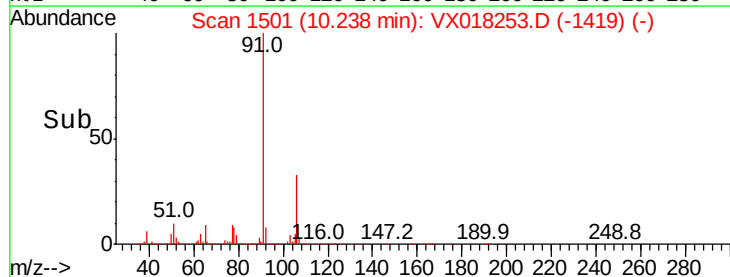
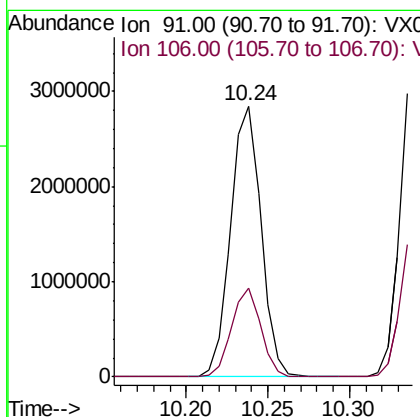
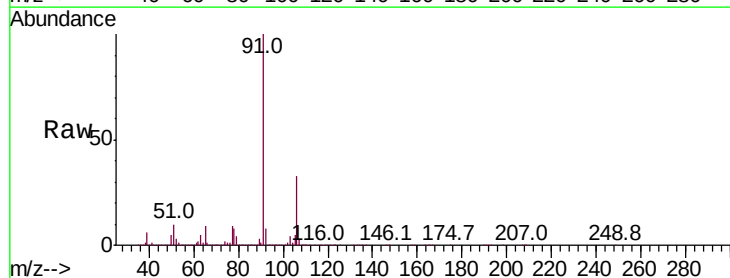
RT: 10.24 min Scan# 1501

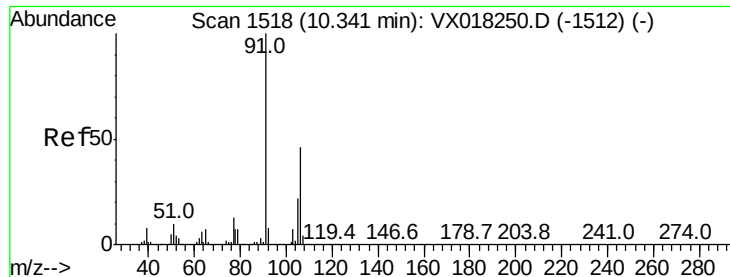
Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Tgt Ion:	91	Resp:	3700971
Ion Ratio	Lower	Upper	
91	100		
106	32.7	26.3	39.5





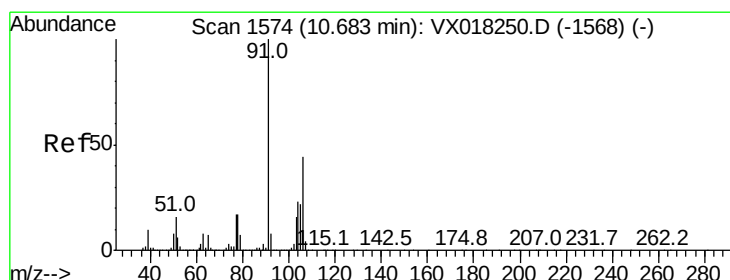
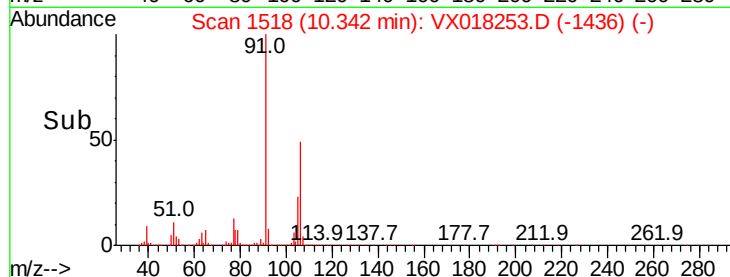
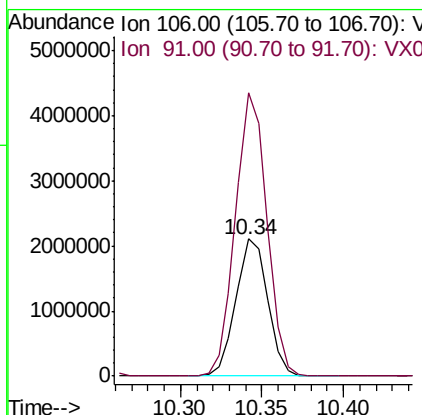
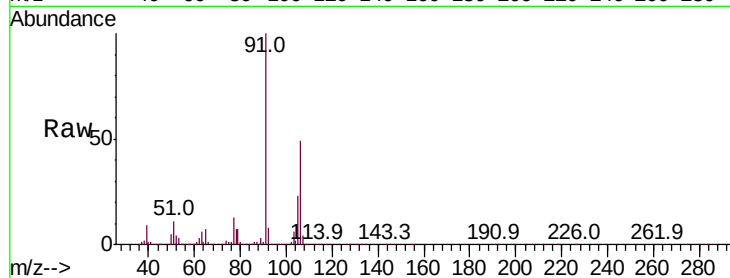
#67
m/p-Xylenes
Concen: 398.942 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 2866546
Ion Ratio Lower Upper
106 100
91 204.5 166.2 249.2

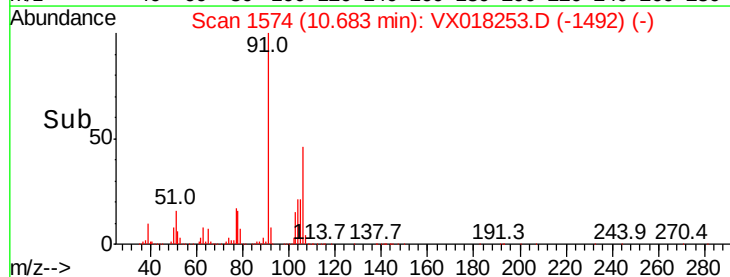
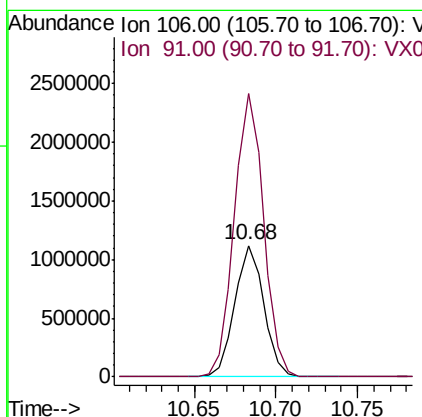
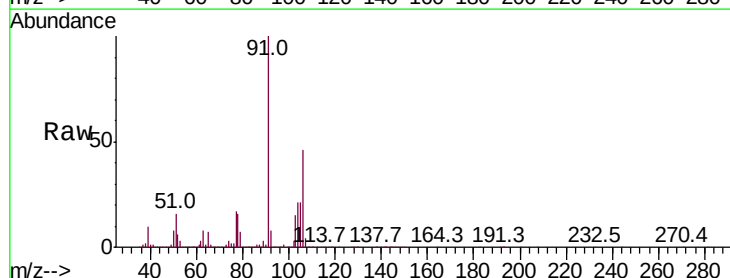
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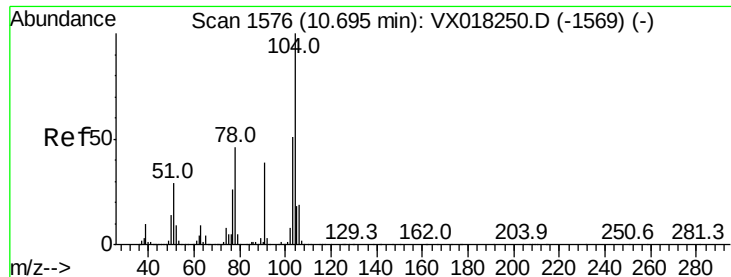
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#68
o-Xylene
Concen: 198.375 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion:106 Resp: 1389704
Ion Ratio Lower Upper
106 100
91 216.9 109.2 327.6





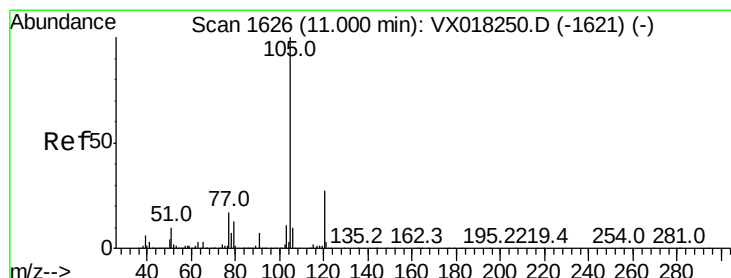
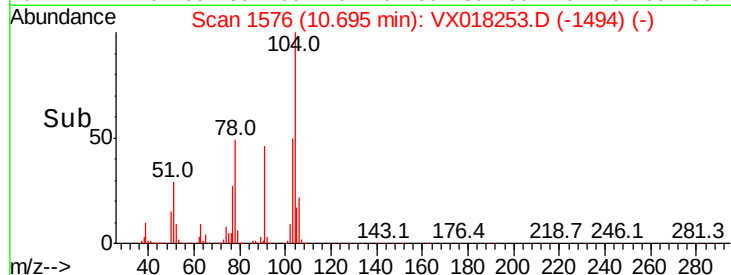
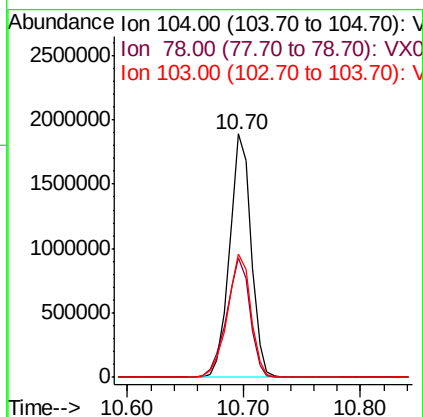
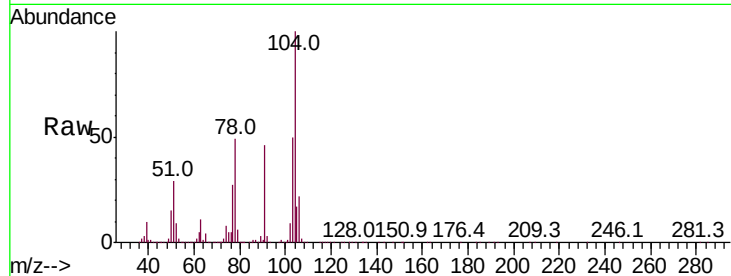
#69
Stvrene
Concen: 197.715 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.2	41.7	62.5
103	54.6	44.2	66.2

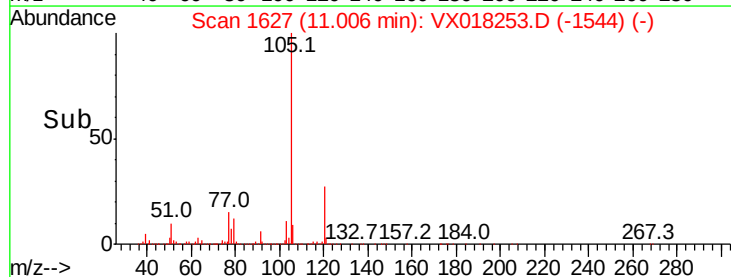
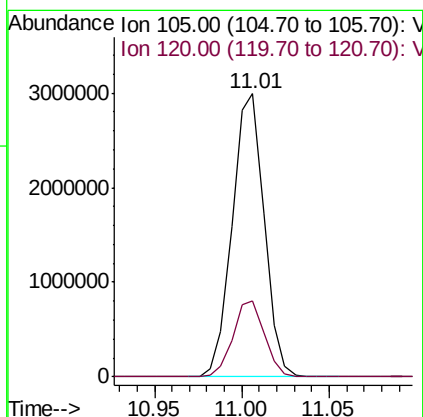
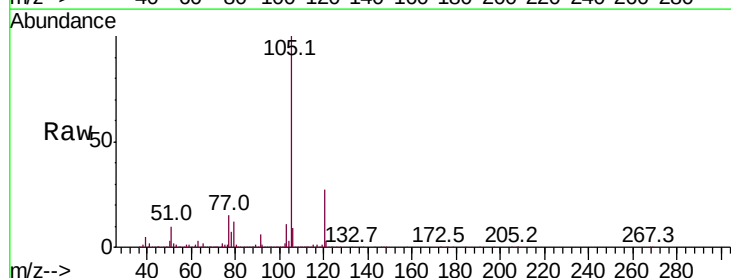
Manual Integrations
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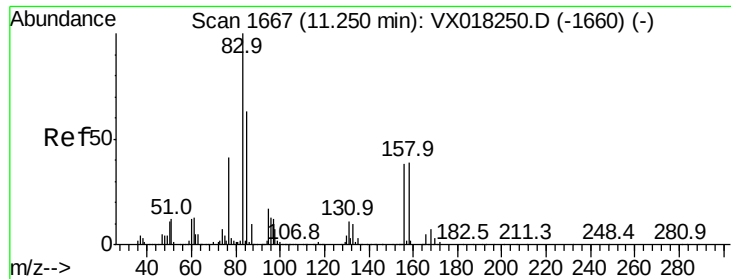
MMDadoda
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#70
Isopropylbenzene
Concen: 187.890 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 197.342 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

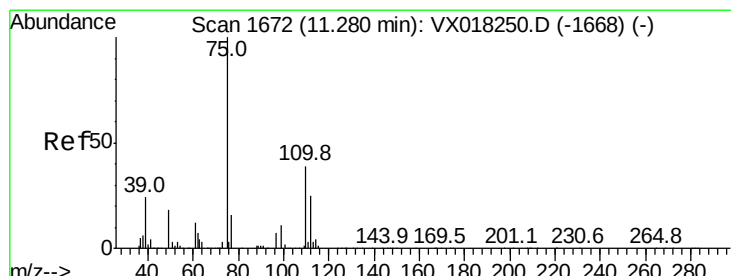
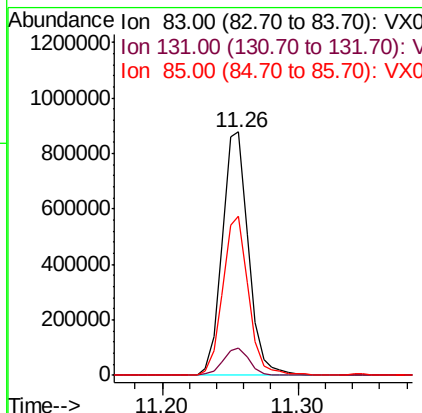
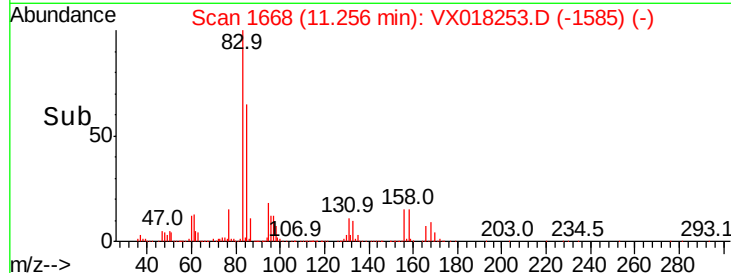
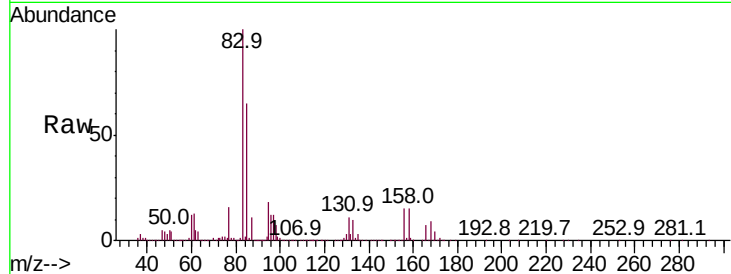
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	1168940
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.8	17.3
85	64.2	31.3	93.9

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 184.018 ug/l m

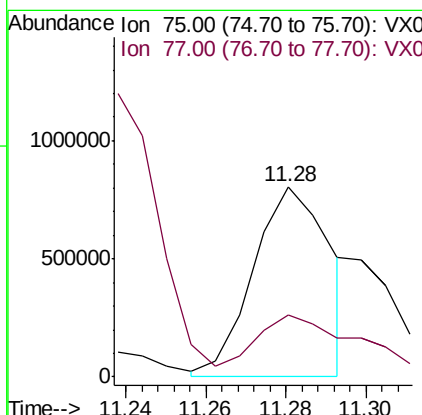
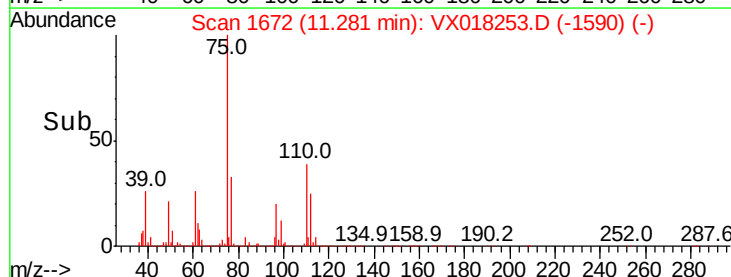
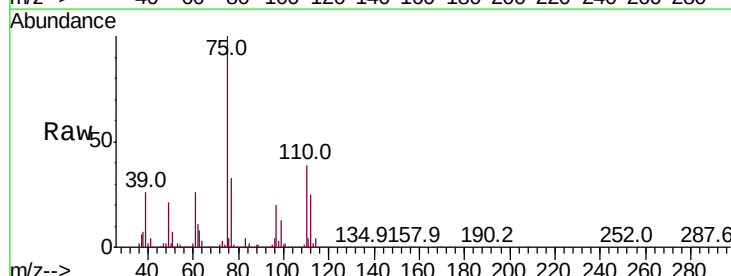
RT: 11.28 min Scan# 1672

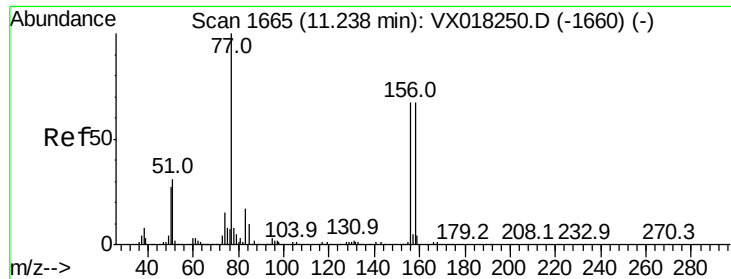
Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Tgt Ion:	75	Resp:	1076988
Ion	Ratio	Lower	Upper
75	100		
77	44.2	0.0	74.8





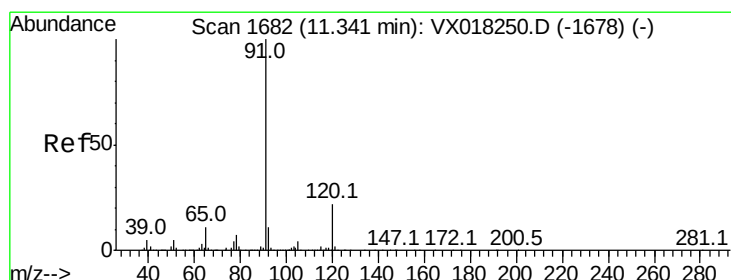
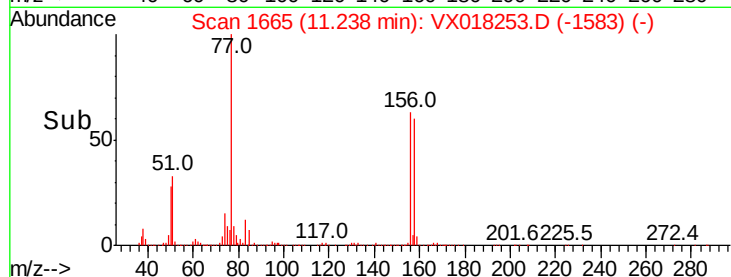
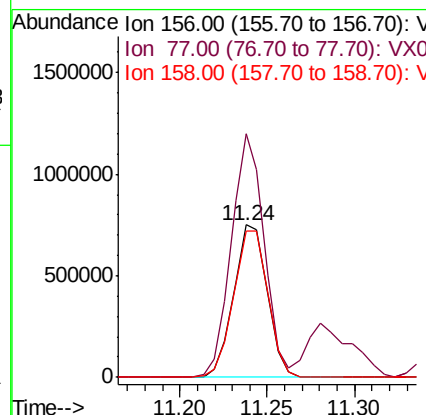
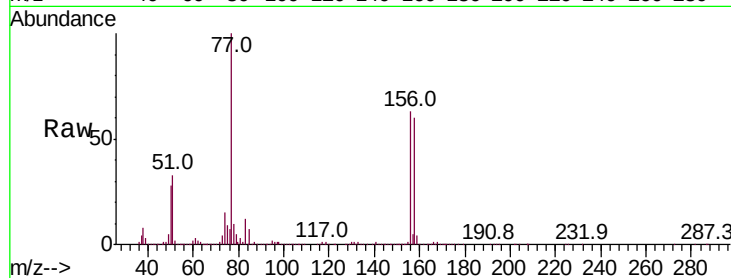
#73
Bromobenzene
Concen: 185.599 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
156	100	999818		
77	155.5	0.0	311.0	
158	99.0	0.0	194.4	

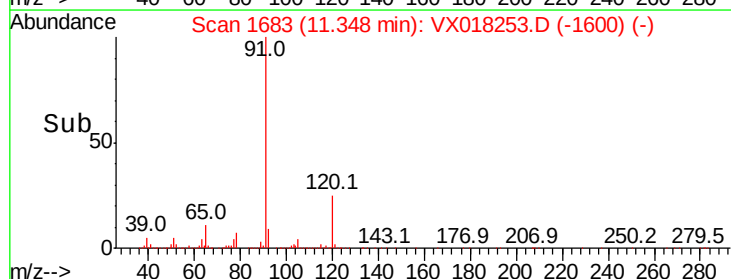
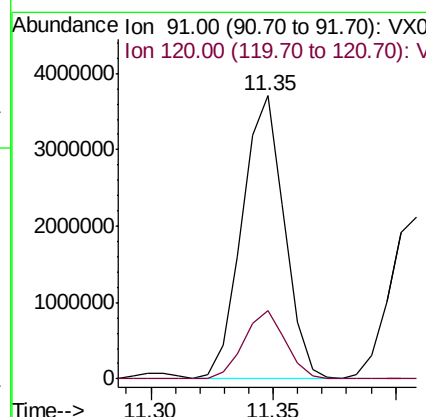
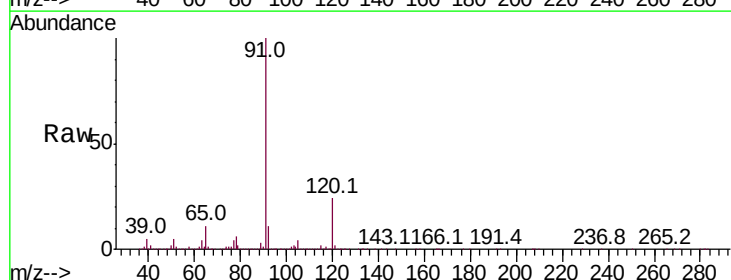
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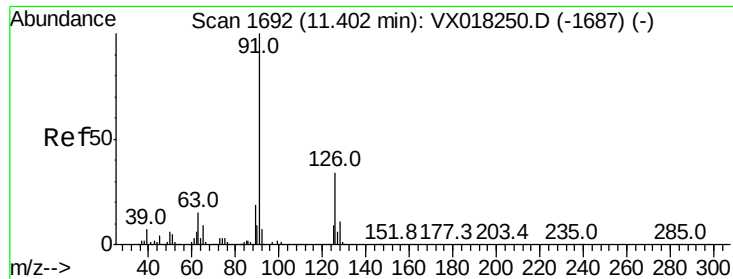
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#74
n-propylbenzene
Concen: 191.106 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	4450433		
120	23.5	0.0	45.4	





#75

2-Chlorotoluene

Concen: 189.528 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2674897

Ion Ratio Lower Upper

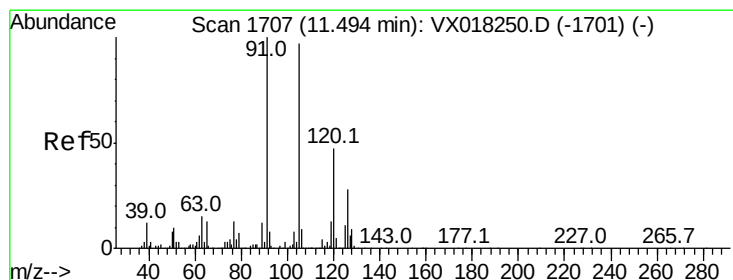
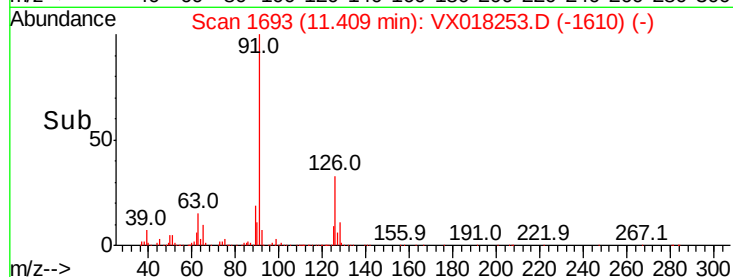
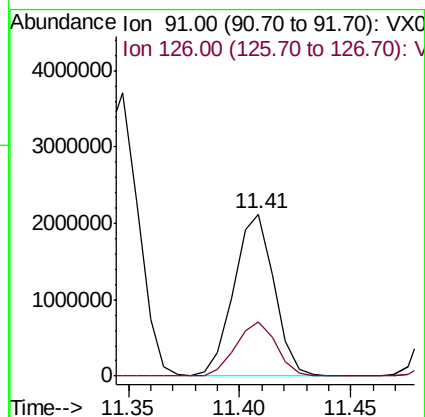
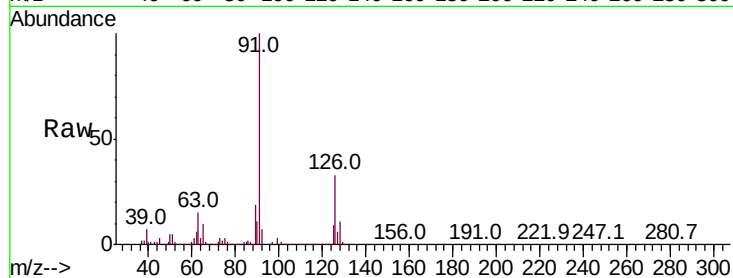
91 100

126 33.6 0.0 68.4

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#76

1,3,5-Trimethylbenzene

Concen: 192.683 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018253.D

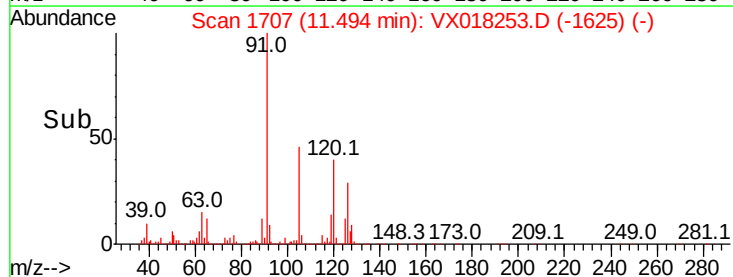
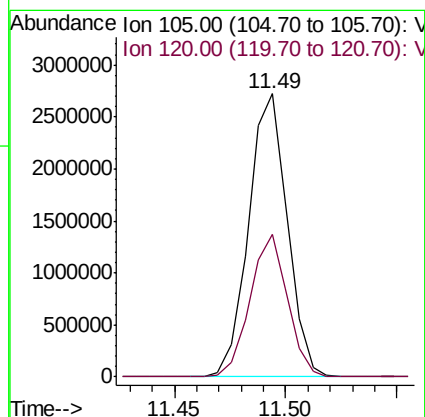
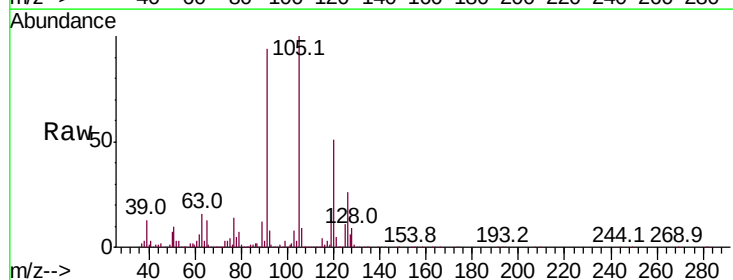
Acq: 04 Sep 2020 11:48

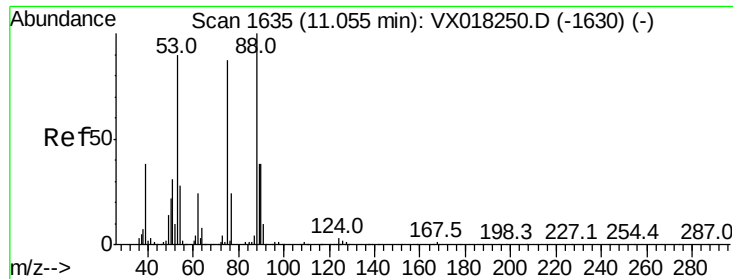
Tgt Ion: 105 Resp: 3295122

Ion Ratio Lower Upper

105 100

120 48.9 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 202.940 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

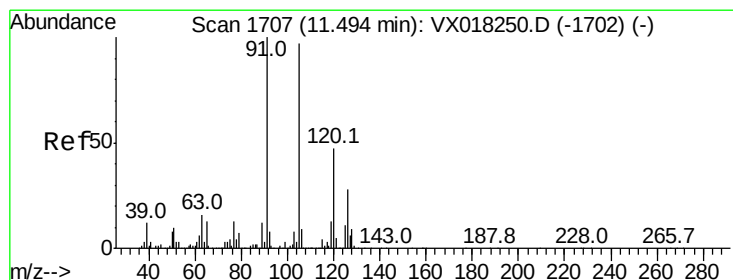
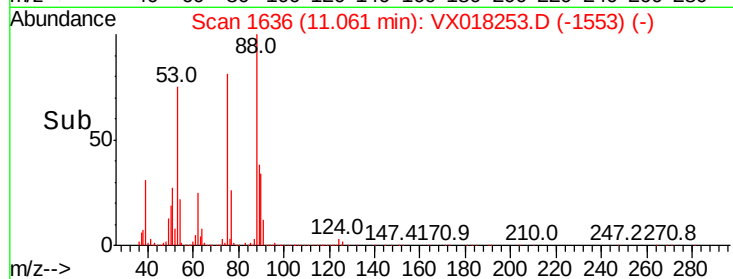
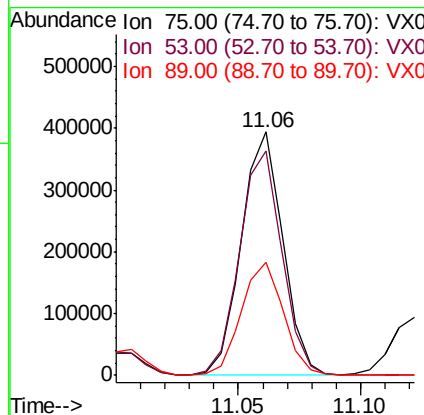
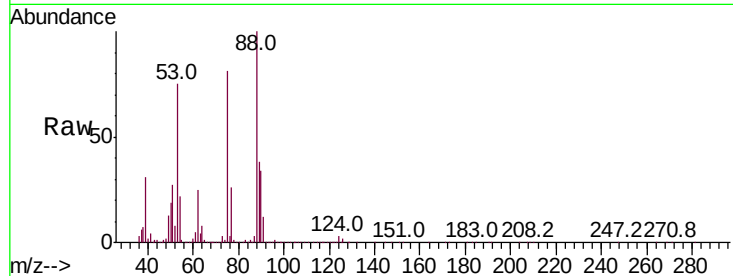
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	465012
Ion Ratio	Lower	Upper	
75	100		
53	92.0	52.1	156.4
89	46.6	22.1	66.3

Manual Integrations
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#78

4-Chlorotoluene

Concen: 193.584 ug/l

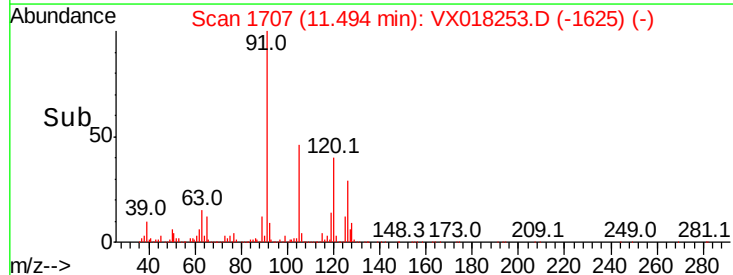
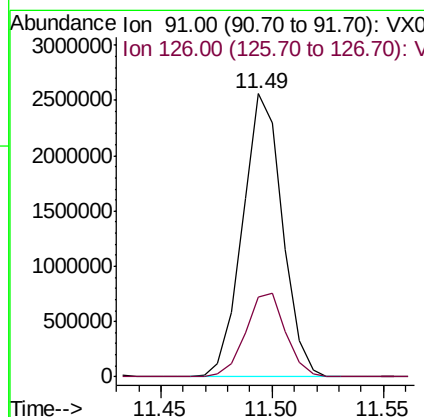
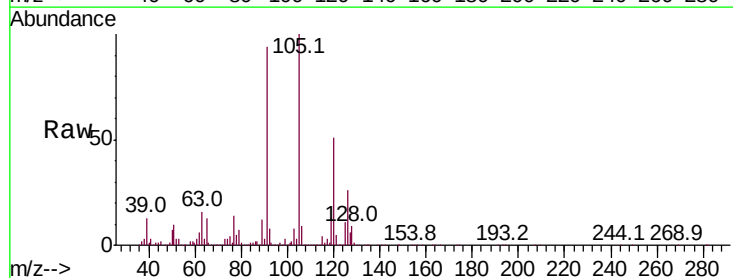
RT: 11.49 min Scan# 1707

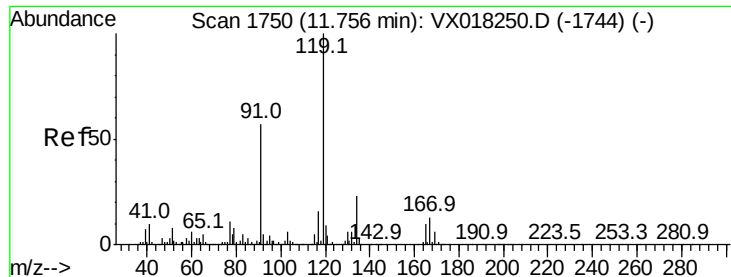
Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Tgt Ion:	91	Resp:	3185578
Ion Ratio	Lower	Upper	
91	100		
126	29.8	0.0	59.2





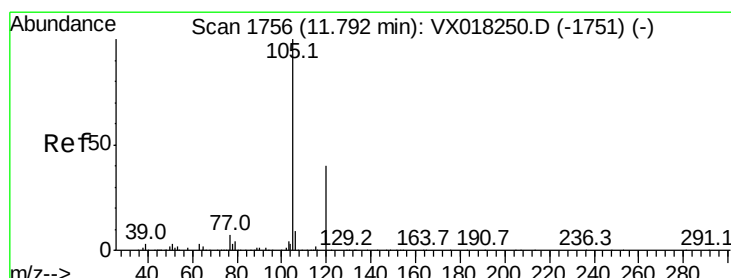
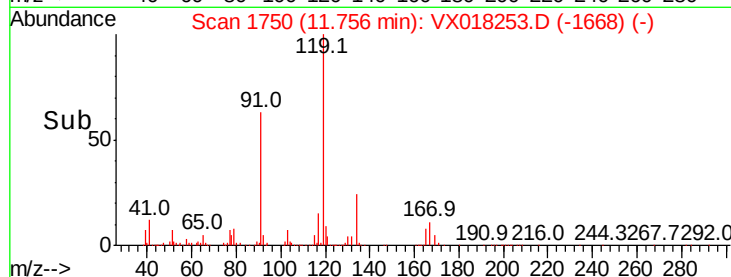
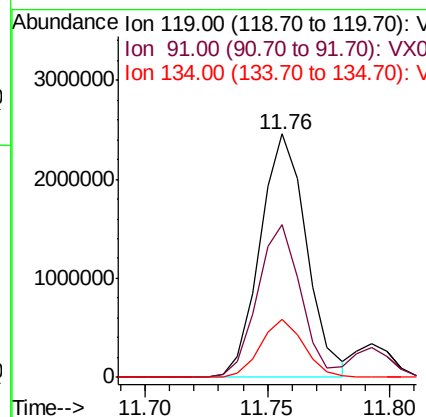
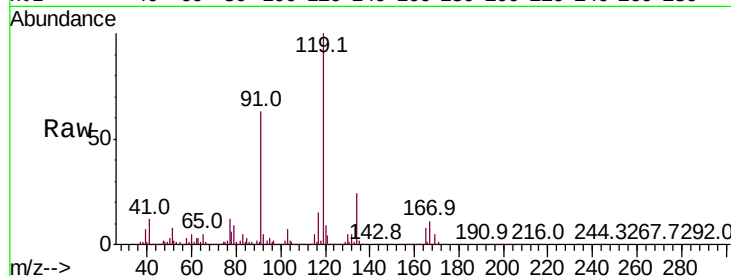
#79
tert-butylbenzene
Concen: 193.013 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	0.0	111.8
134	22.2	0.0	42.4

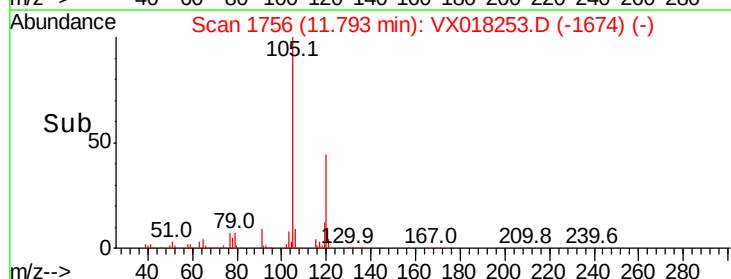
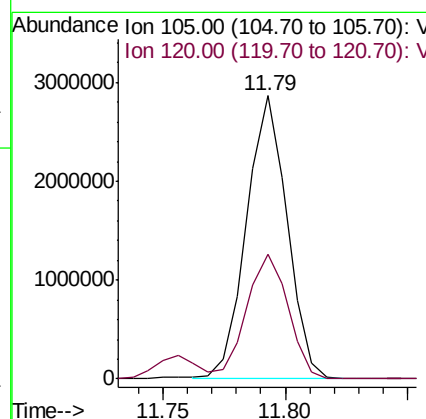
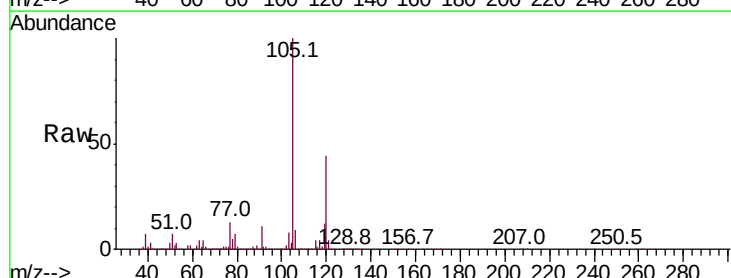
Manual Integrations
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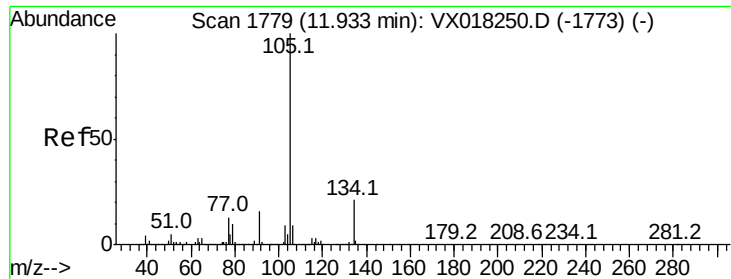
MMDadoda
9/8/2020 5:16:56 PM



#80
1,2,4-Trimethylbenzene
Concen: 186.264 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	0.0	89.2





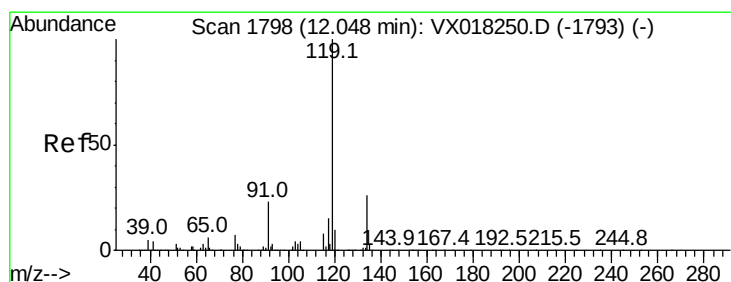
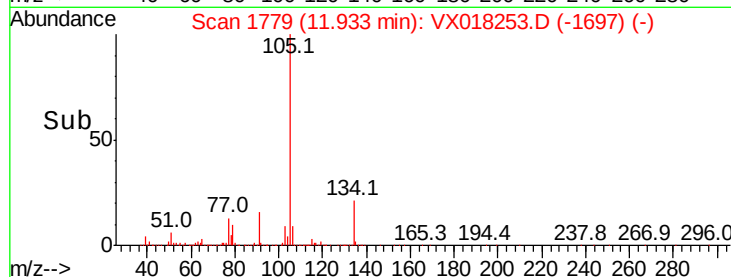
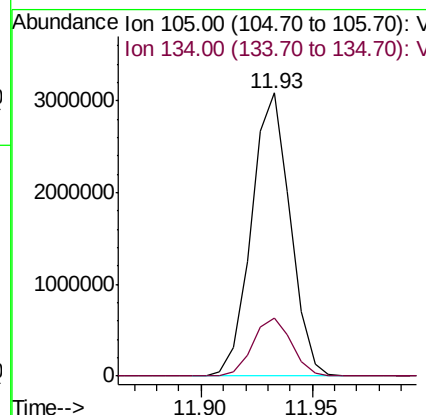
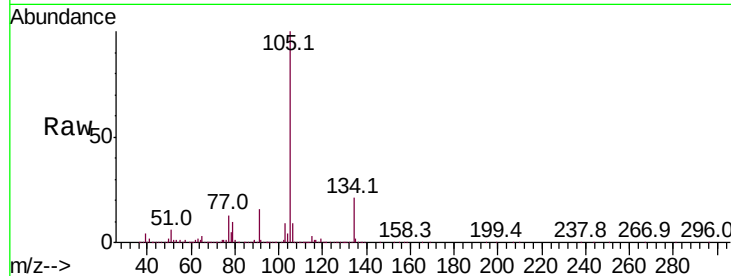
#81
 sec-Butylbenzene
 Concen: 188.198 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 3746095
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 40.0

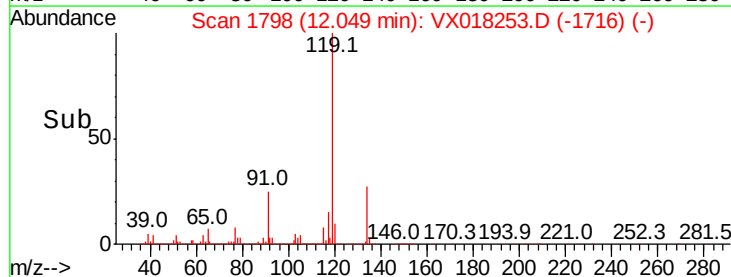
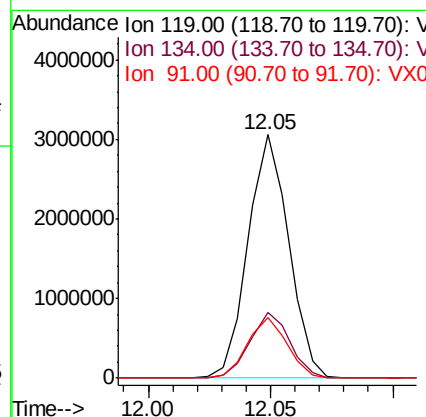
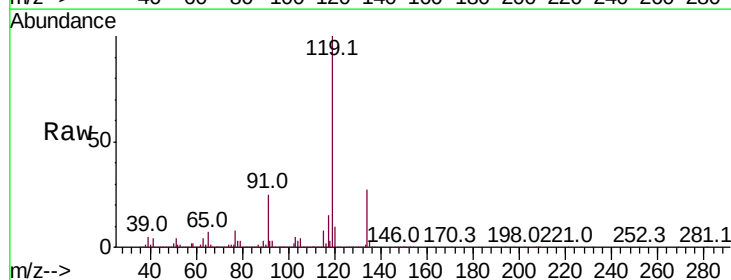
Manual Integrations
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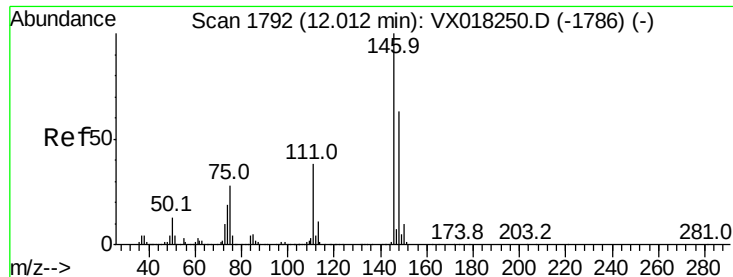
MMDadoda
 9/8/2020 5:16:56 PM



#82
 p-Isopropyltoluene
 Concen: 193.909 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion:119 Resp: 3523746
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.0
 91 24.6 0.0 49.8





#83

1,3-Dichlorobenzene

Concen: 179.391 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:146 Resp: 1771140

Ion Ratio Lower Upper

146 100

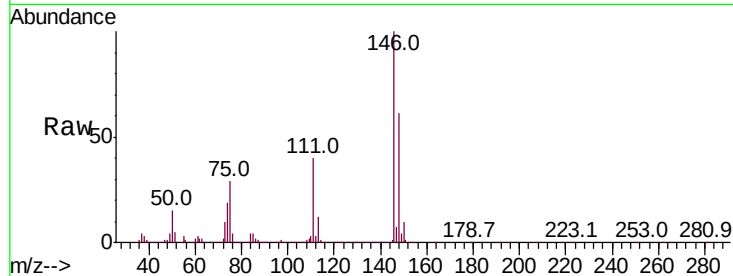
111 41.9 20.0 59.9

148 64.1 32.1 96.3

Manual Integrations
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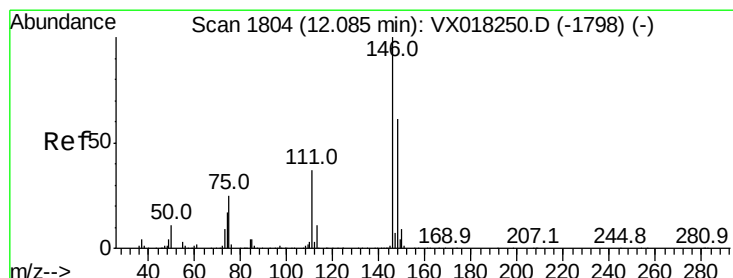
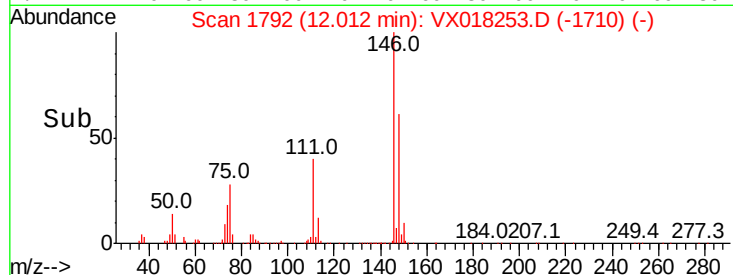
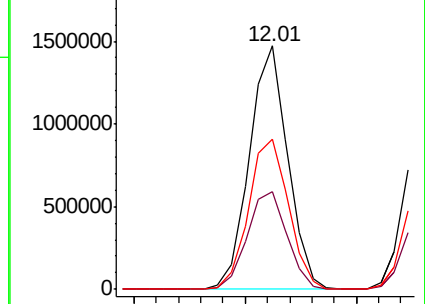
9/8/2020 5:16:56 PM



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 182.620 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

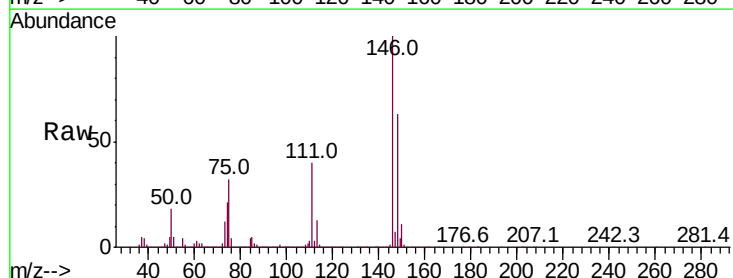
Tgt Ion:146 Resp: 1789673

Ion Ratio Lower Upper

146 100

111 39.6 19.3 57.8

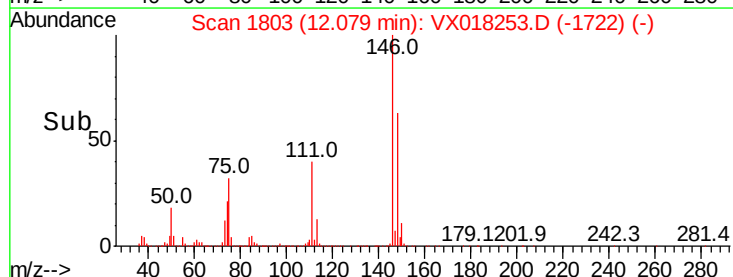
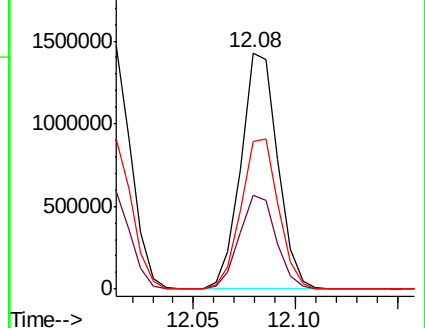
148 64.6 31.7 95.1

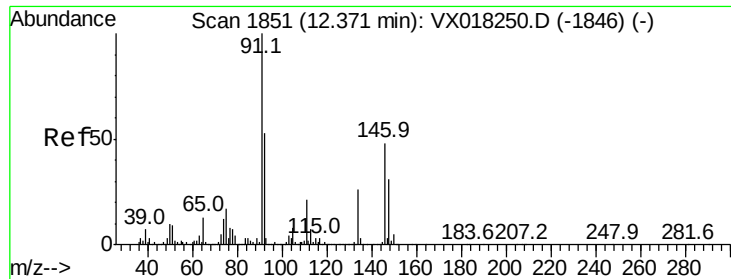


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





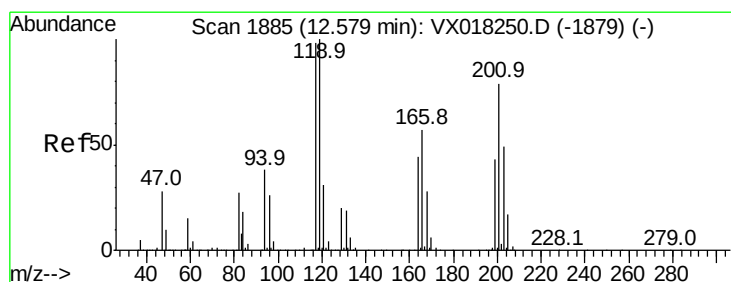
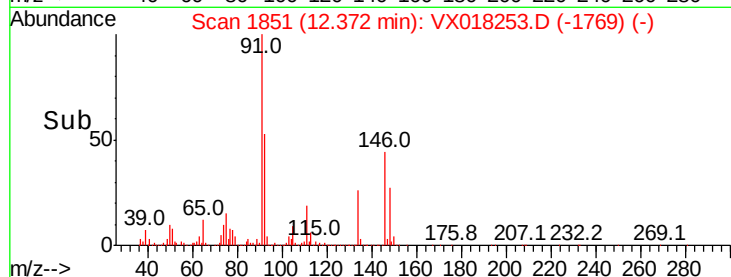
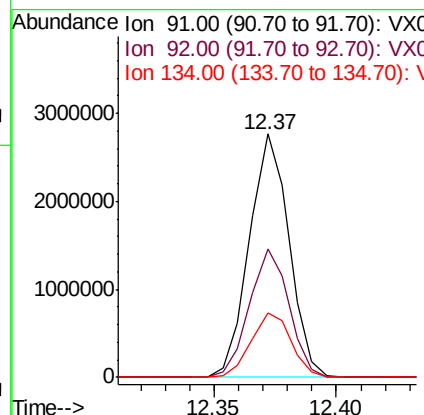
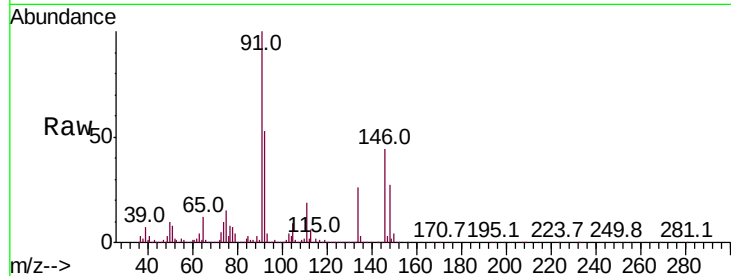
#85
n-Butylbenzene
Concen: 182.131 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	0.0	105.0
134	26.8	0.0	51.0

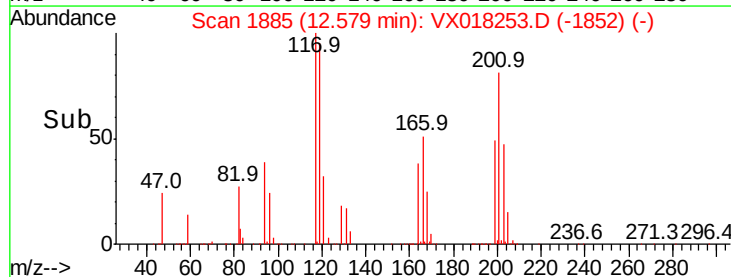
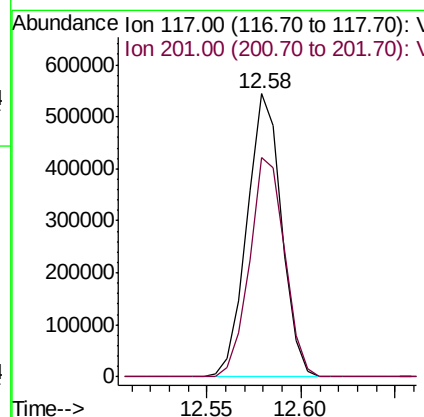
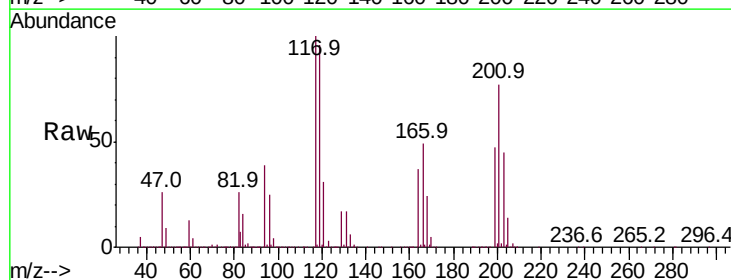
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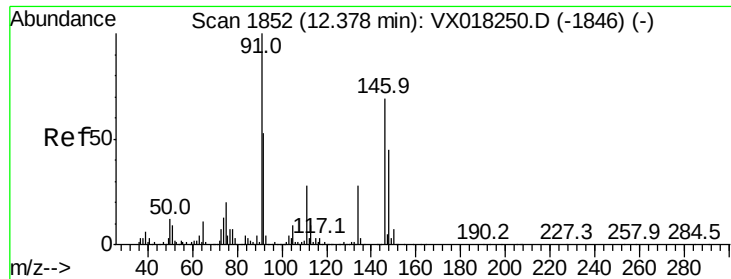
MMDadoda
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#86
Hexachloroethane
Concen: 179.616 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	39.6	118.8





#87

1,2-Dichlorobenzene

Concen: 177.342 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018253.D

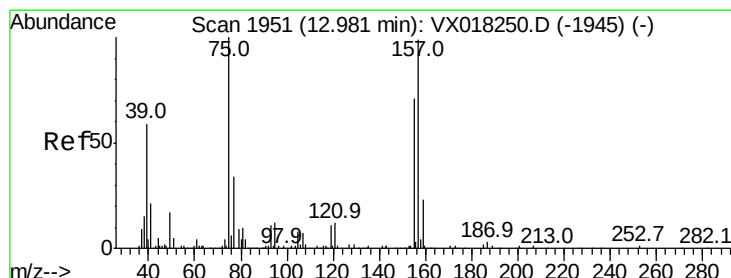
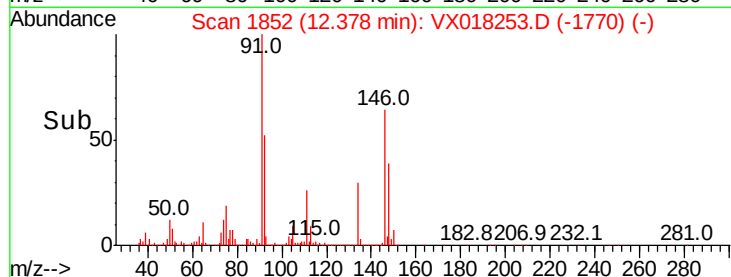
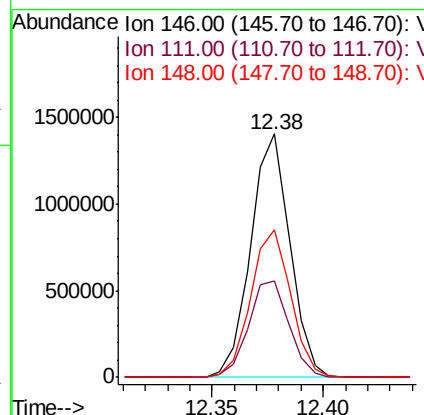
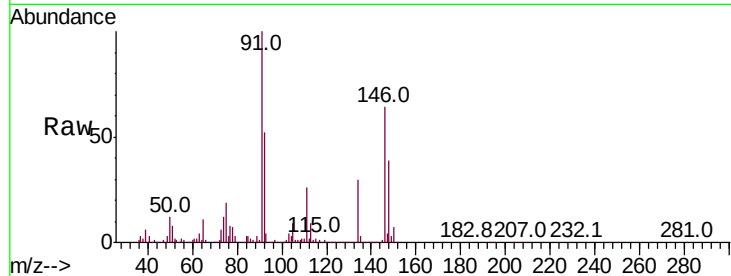
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.4	64.3
148	61.9	32.0	96.2

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 196.085 ug/l

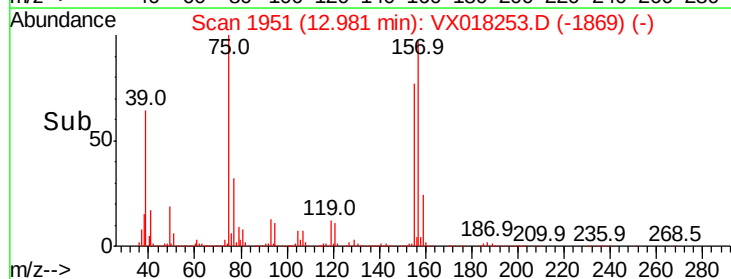
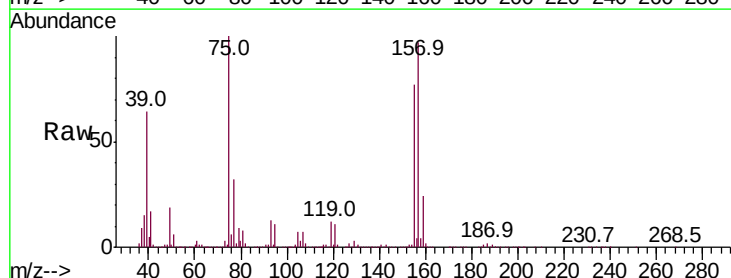
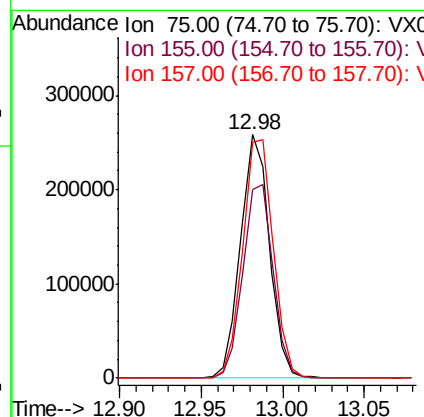
RT: 12.98 min Scan# 1951

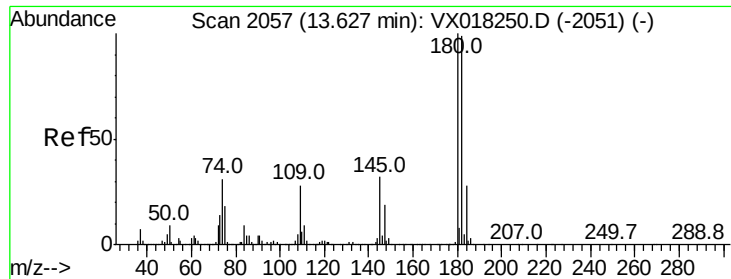
Delta R.T. 0.00 min

Lab File: VX018253.D

Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	63.4	95.2
157	103.6	87.0	130.6





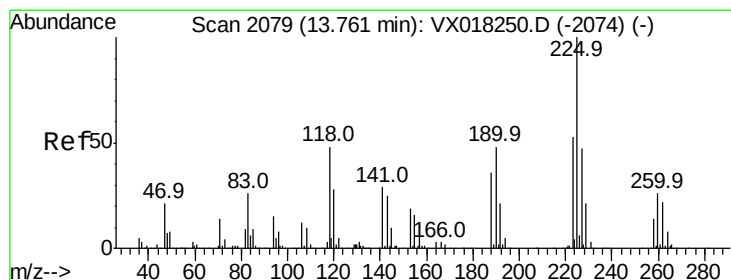
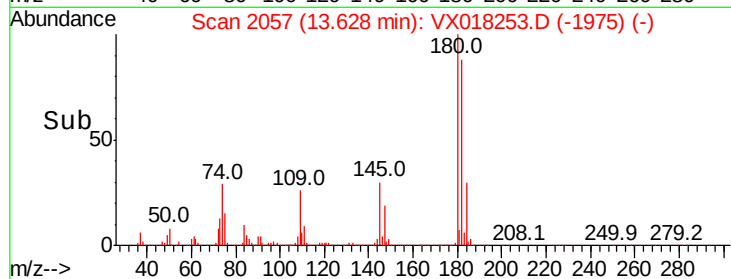
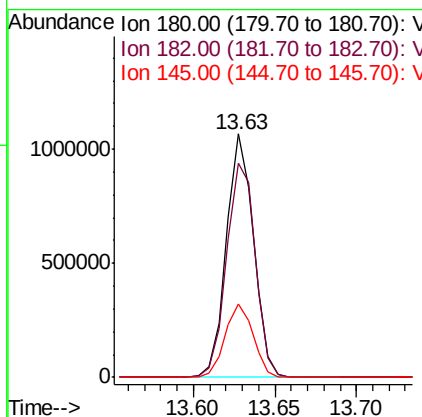
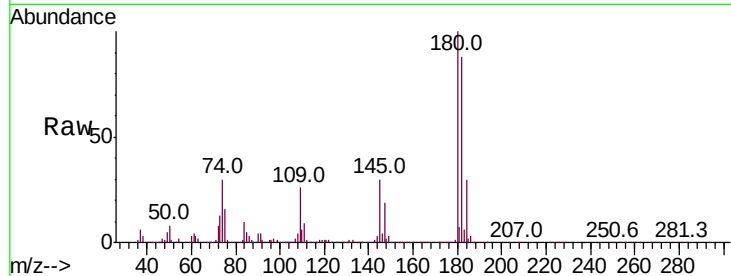
#89
 1,2,4-Trichlorobenzene
 Concen: 183.380 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.1	115.7
145	31.3	25.0	37.6

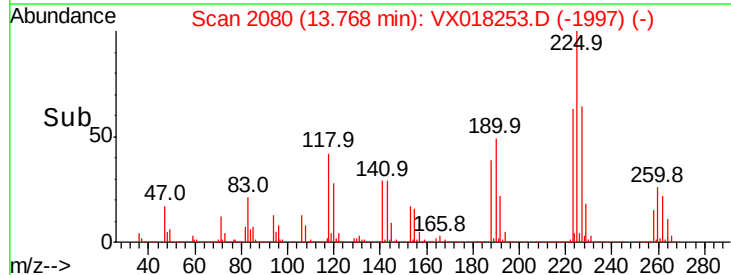
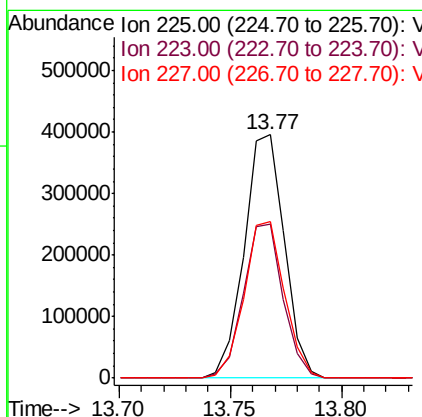
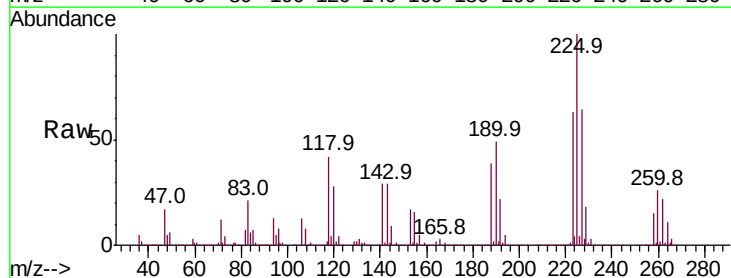
Manual Integrations
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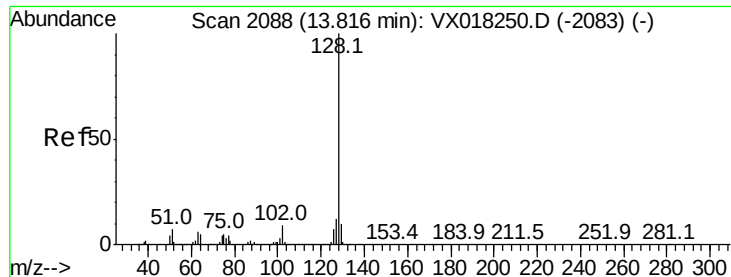
MMDadoda
 9/8/2020 5:16:56 PM



#90
 Hexachlorobutadiene
 Concen: 162.609 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018253.D
 Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	115.8
227	64.4	0.0	117.0





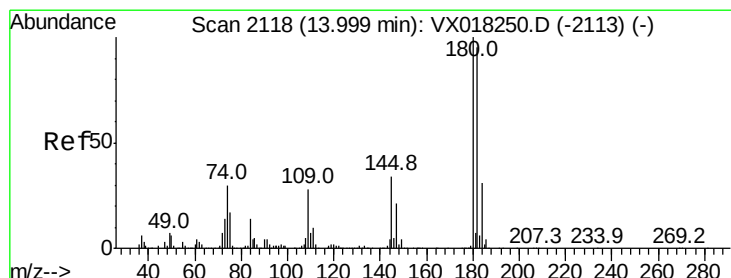
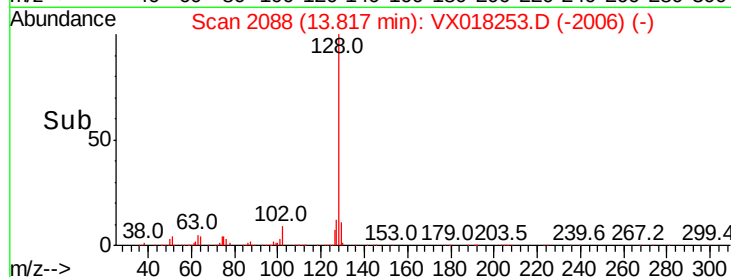
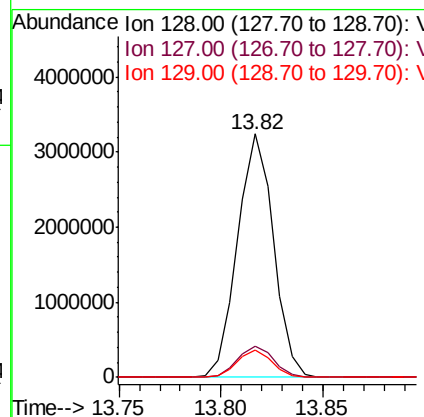
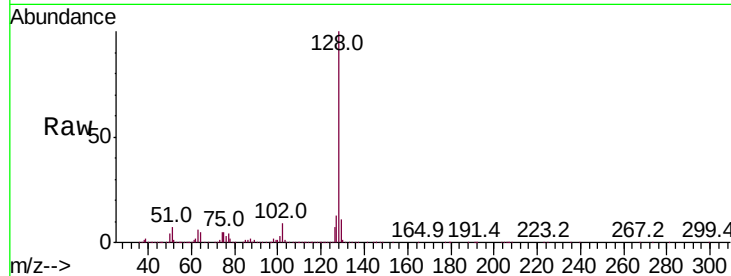
#91
Naphthalene
Concen: 197.295 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
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9/8/2020 5:16:56 PM



#92
1,2,3-Trichlorobenzene
Concen: 184.965 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018253.D
Acq: 04 Sep 2020 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	0.0	191.6
145	33.1	0.0	67.4

