

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
 Data File : VX018251.D
 Acq On : 04 Sep 2020 11:03
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:16:50 PM

Quant Time: Sep 04 12:05:47 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	4.98	128	90998	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	463130	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	445308	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	215295	29.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.63%
60) 4-Bromofluorobenzene	11.12	95	233928	31.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.87%
63) Toluene-d8	8.70	98	595064	30.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	219830	42.302	ug/l 95
3) Chloromethane	1.31	50	236263	44.837	ug/l 99
4) Vinyl Chloride	1.39	62	256452	48.376	ug/l 99
5) Bromomethane	1.63	94	175326	51.453	ug/l 100
6) Chloroethane	1.72	64	151732	49.218	ug/l 100
7) Trichlorofluoromethane	1.92	101	429565	50.661	ug/l 99
8) Diethyl Ether	2.17	74	137610	53.422	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	221645	54.415	ug/l 99
10) 1,1-Dichloroethene	2.36	96	217479	56.151	ug/l 96
11) Methyl Iodide	2.49	142	259132	59.630	ug/l 97
12) Methyl Acetate	2.75	43	291133	52.030	ug/l 97
13) Acrolein	2.28	56	104483	143.989	ug/l 99
14) Acrylonitrile	3.12	53	664504	281.355	ug/l 100
15) Acetone	2.42	58	172961	265.691	ug/l 90
16) Carbon Disulfide	2.55	76	627890	60.472	ug/l 99
17) Allyl chloride	2.71	41	393378	55.069	ug/l 99
18) Methylene Chloride	2.84	84	252635	55.995	ug/l 94
19) trans-1,2-Dichloroethene	3.14	96	246901	60.229	ug/l 99
20) Diisopropyl ether	3.82	45	787183	55.072	ug/l 91
21) 1,1-Dichloroethane	3.67	63	445227	56.985	ug/l 100
22) cis-1,2-Dichloroethene	4.57	96	269619	55.561	ug/l 97
23) tert-Butyl Alcohol	3.01	59	275354	256.276	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	795876	54.628	ug/l 99
25) Chloroform	5.18	83	470718	54.923	ug/l 98
26) Cyclohexane	5.56	56	361580	54.359	ug/l # 49
29) 1,1-Dichloropropene	5.77	75	342848	59.476	ug/l 99
30) 2-Butanone	4.64	43	934958	290.965	ug/l 100
31) 2,2-Dichloropropane	4.56	77	409954	56.926	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	444468	57.532	ug/l 98
33) Carbon Tetrachloride	5.76	117	412194	57.659	ug/l 93
34) Benzene	6.12	78	976509	59.345	ug/l 96
35) Methacrylonitrile	5.01	41	205431	59.127	ug/l 95
36) 1,2-Dichloroethane	6.17	62	409946	59.437	ug/l # 100
37) Trichloroethene	7.19	130	274538	57.184	ug/l 97
38) Methylcyclohexane	7.45	83	371516	55.467	ug/l 96
39) 1,2-Dichloropropane	7.49	63	257427	57.836	ug/l 96
40) Dibromomethane	7.64	93	187052	58.857	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	390796	56.823	ug/l	94
42) Vinyl Acetate	3.79	43	3582422	322.458	ug/l	100
43) Ethyl Acetate	4.79	43	368446	59.873	ug/l	98
44) Isopropyl Acetate	6.42	43	599693	57.203	ug/l	97
45) 1,4-Dioxane	7.71	88	98087	1006.680	ug/l #	90
46) Methyl methacrylate	7.74	41	300351	58.727	ug/l	97
47) n-amyl Acetate	10.88	43	543919	62.547	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	424124	57.535	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	440348	55.383	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	261143	58.625	ug/l	98
51) Ethyl methacrylate	9.16	69	383794	58.717	ug/l	97
52) 1,3-Dichloropropane	9.35	76	433787	58.922	ug/l	98
53) Dibromochloromethane	9.57	129	329361	57.849	ug/l	97
54) 1,2-Dibromoethane	9.65	107	289119	58.837	ug/l	95
55) 2-Chloroethyl vinyl ether	8.29	63	1017720	287.678	ug/l	99
56) Bromoform	10.84	173	258755	61.269	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	1883322	288.397	ug/l	99
59) 2-Hexanone	9.48	43	1430448	302.392	ug/l	99
61) Tetrachloroethene	9.32	164	260953	52.379	ug/l	91
62) Toluene	8.77	91	1087239	58.897	ug/l	99
64) Chlorobenzene	10.12	112	683195	55.415	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	277735	55.106	ug/l	99
66) Ethyl Benzene	10.24	91	1219132	59.388	ug/l	96
67) m/p-Xylenes	10.34	106	929318	120.293	ug/l	99
68) o-Xylene	10.68	106	447669	59.435	ug/l	97
69) Styrene	10.70	104	789037	59.783	ug/l	100
70) Isopropylbenzene	11.00	105	1233825	56.693	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	394514	61.946	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	383437m	60.935	ug/l	
73) Bromobenzene	11.24	156	321957	55.587	ug/l	98
74) n-propylbenzene	11.34	91	1441477	57.571	ug/l	99
75) 2-Chlorotoluene	11.40	91	859254	56.625	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1067906	58.080	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	150194	60.965	ug/l	93
78) 4-Chlorotoluene	11.49	91	1031856	58.321	ug/l	100
79) tert-butylbenzene	11.76	119	1027527	56.994	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	1076100	56.345	ug/l	99
81) sec-Butylbenzene	11.93	105	1218005	56.913	ug/l	100
82) p-Isopropyltoluene	12.05	119	1141784	58.439	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	589443	55.528	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	589082	55.908	ug/l	98
85) n-Butylbenzene	12.37	91	1000633	54.099	ug/l	99
86) Hexachloroethane	12.58	117	216044	52.300	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	550228	52.619	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	101584	57.931	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	371192	51.364	ug/l	97
90) Hexachlorobutadiene	13.77	225	154235	46.616	ug/l	90
91) Naphthalene	13.82	128	1200463	55.812	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	377371	54.108	ug/l	99

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VSTDICC050

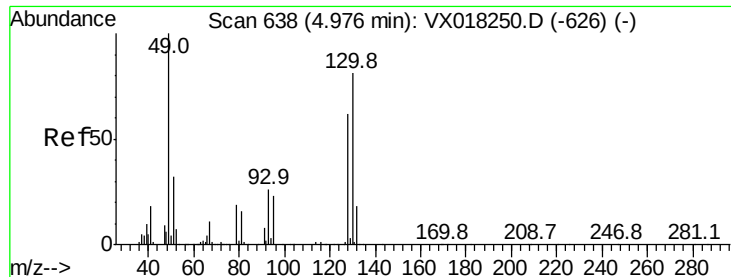
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

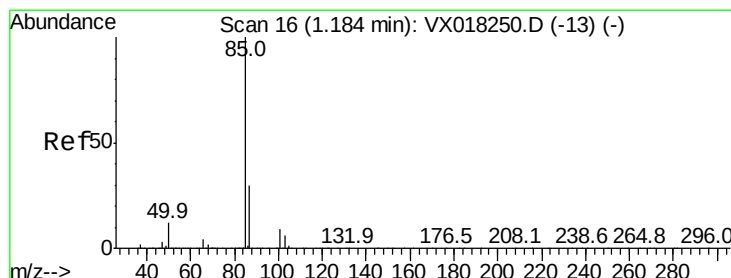
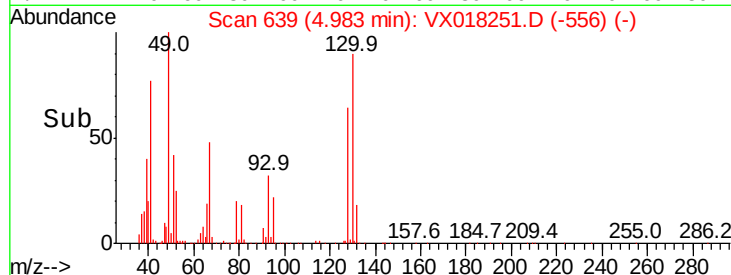
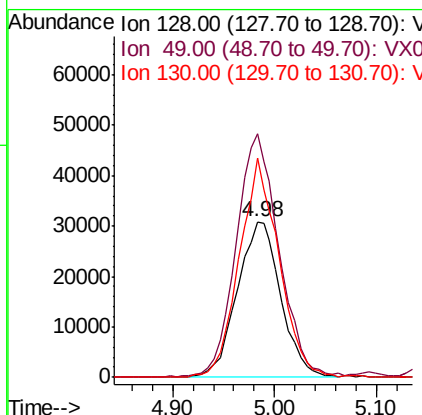
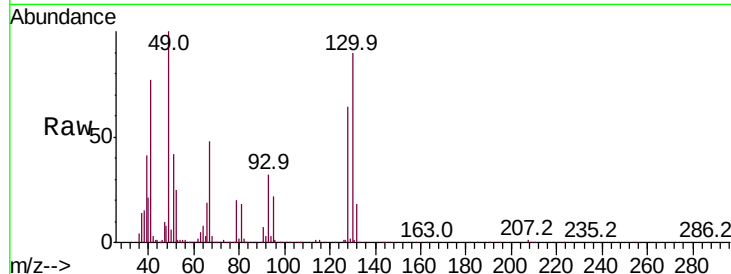
ClientSampleId :

VSTDIC050

Tot Ion:	128	Resp:	90998
Ion	Ratio	Lower	Upper
128	100		
49	153.7	0.0	392.0
130	128.6	0.0	320.2

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#2

Dichlorodifluoromethane

Concen: 42.302 ug/l

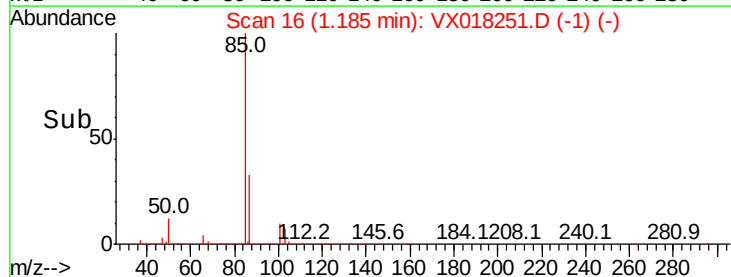
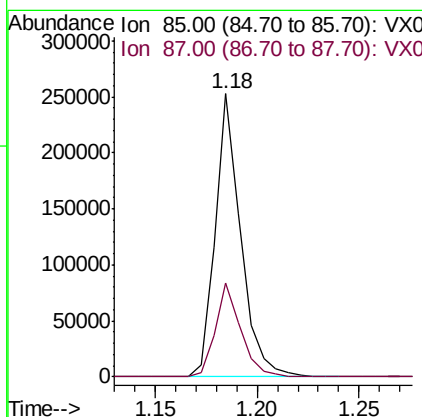
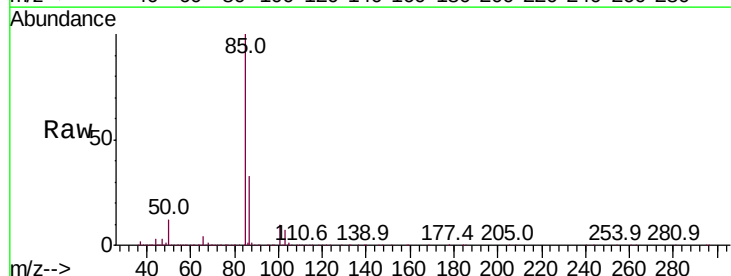
RT: 1.18 min Scan# 16

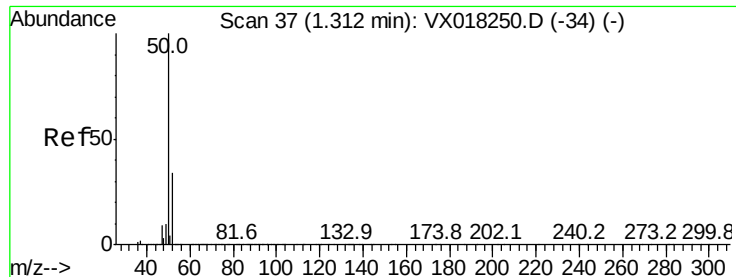
Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	85	Resp:	219830
Ion	Ratio	Lower	Upper
85	100		
87	33.0	15.1	45.3





#3

Chloromethane

Concen: 44.837 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

Tot Ion: 50 Resp: 236263

Ion Ratio Lower Upper

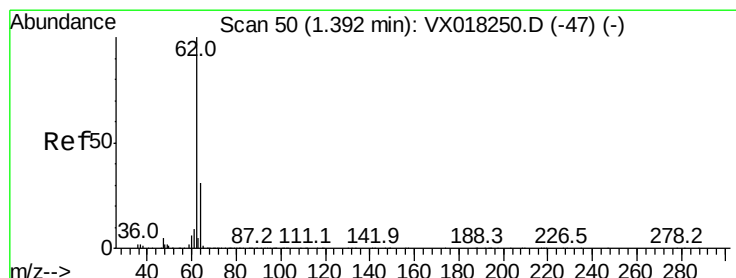
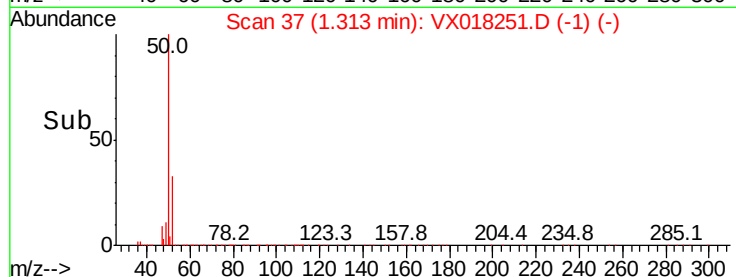
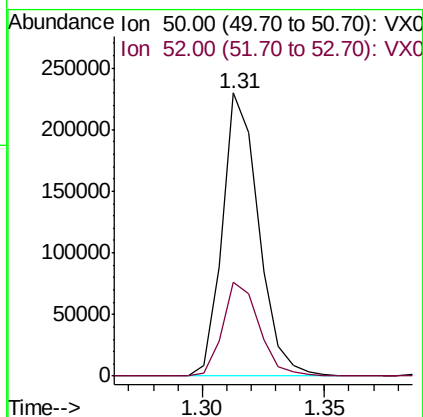
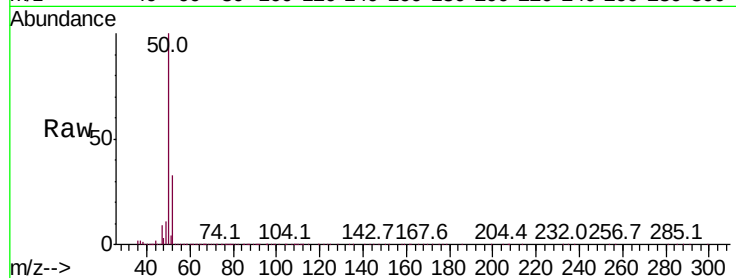
50 100

52 33.2 27.1 40.7

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#4

Vinyl Chloride

Concen: 48.376 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018251.D

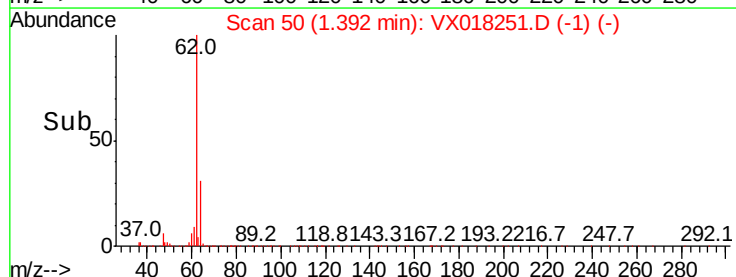
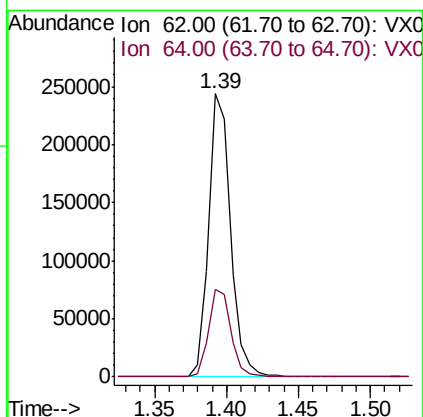
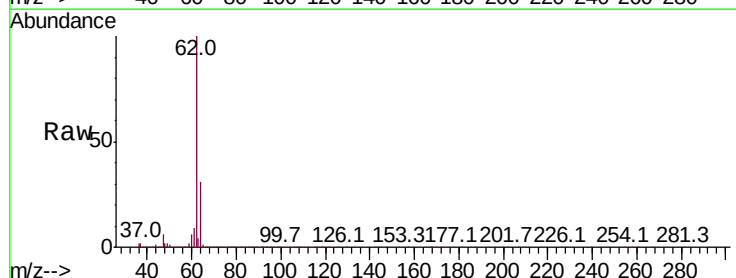
Acq: 04 Sep 2020 11:03

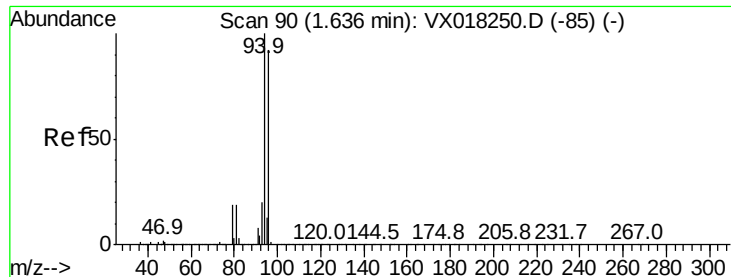
Tgt Ion: 62 Resp: 256452

Ion Ratio Lower Upper

62 100

64 30.8 25.2 37.8





#5

Bromomethane

Concen: 51.453 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 175326

Ion Ratio Lower Upper

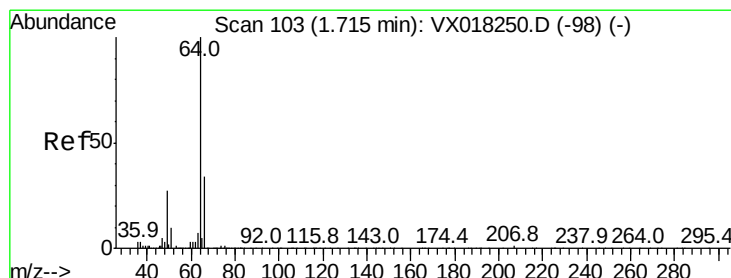
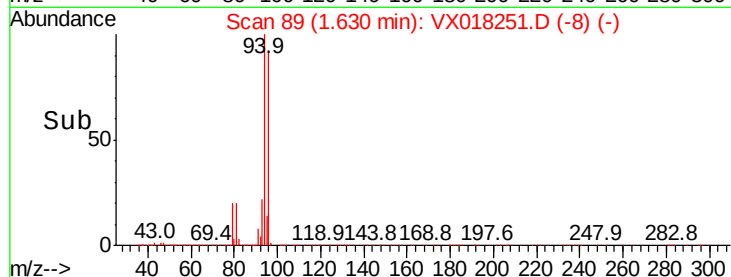
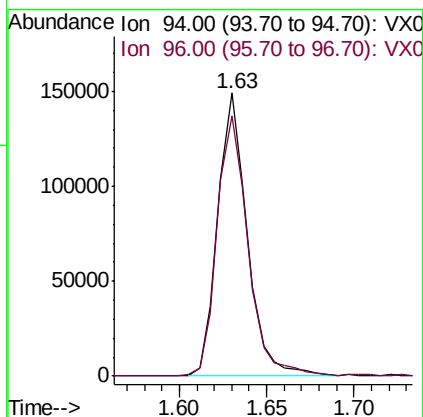
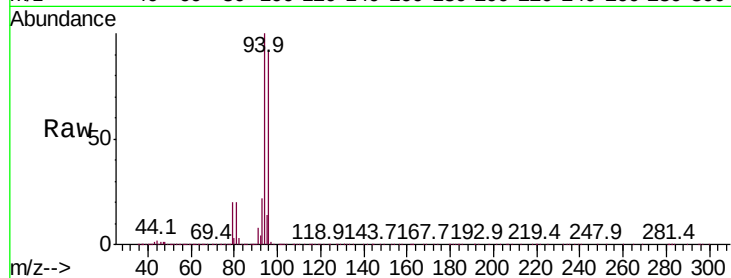
94 100

96 92.1 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 49.218 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018251.D

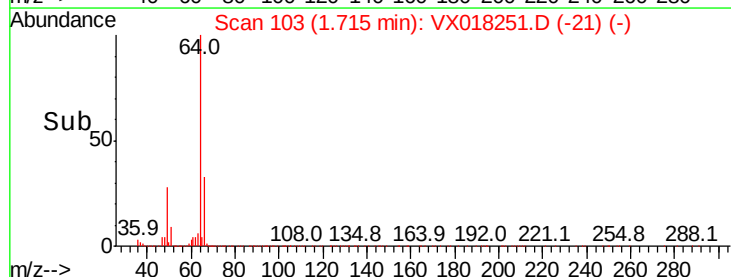
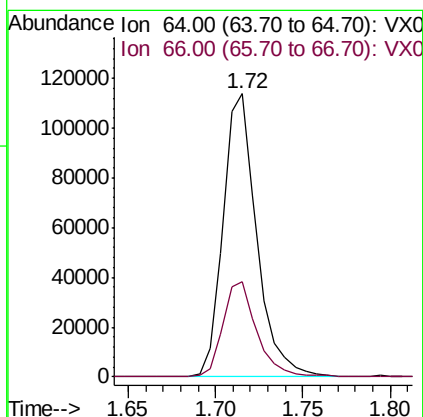
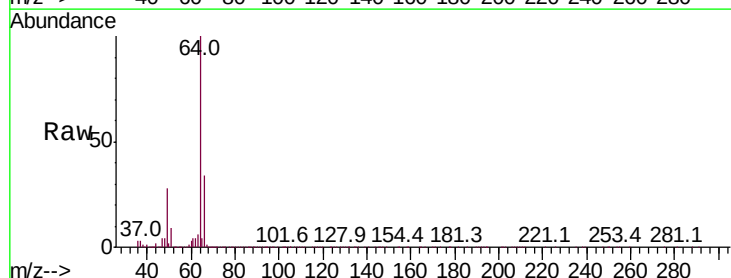
Acq: 04 Sep 2020 11:03

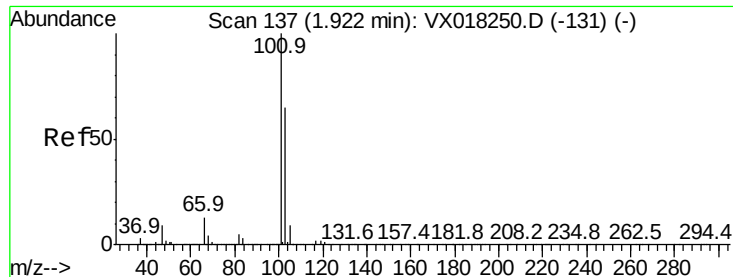
Tgt Ion: 64 Resp: 151732

Ion Ratio Lower Upper

64 100

66 33.6 27.0 40.4





#7

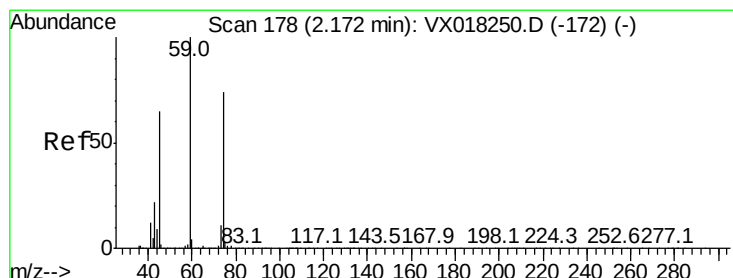
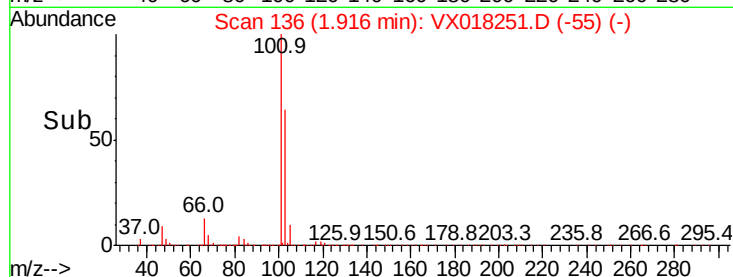
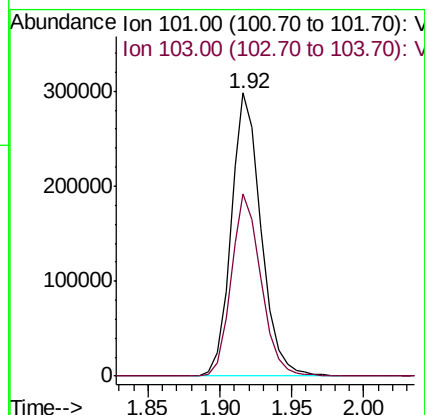
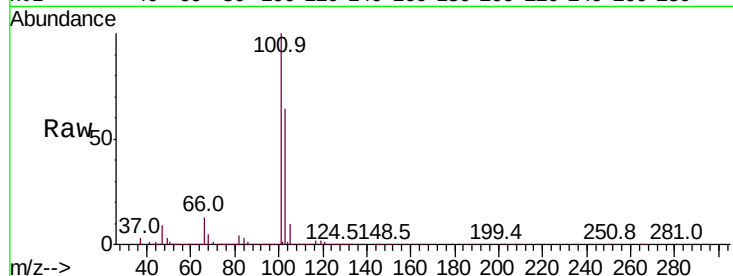
Trichlorofluoromethane
Concen: 50.661 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

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VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	429565		
103	64.4	52.3	78.5	

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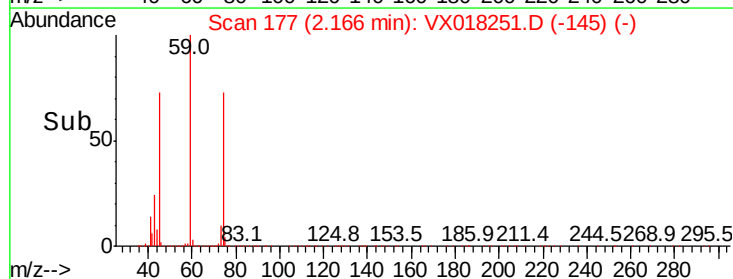
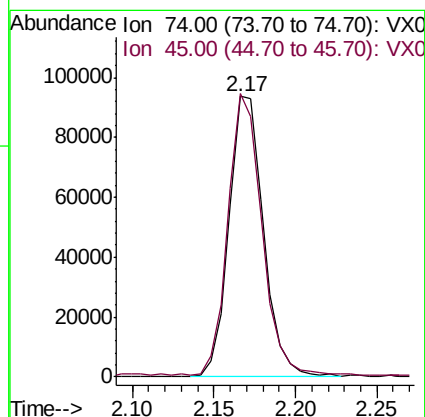
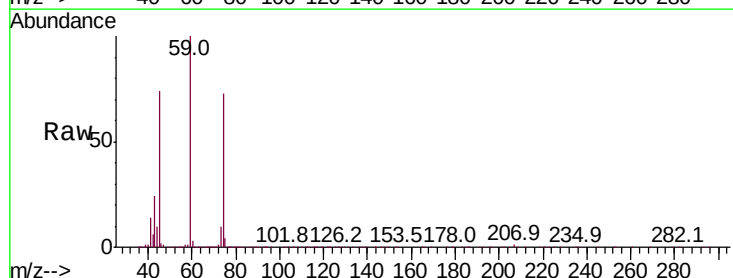
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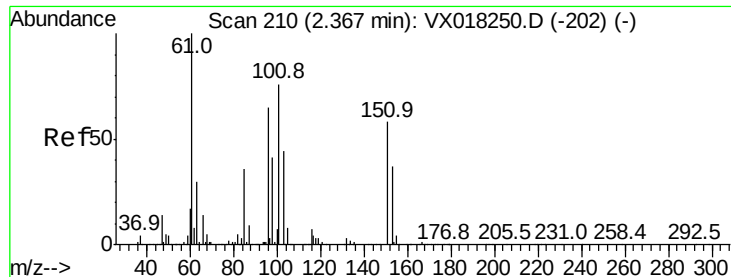


#8

Diethyl Ether
Concen: 53.422 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	137610		
45	98.7	20.5	184.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.415 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

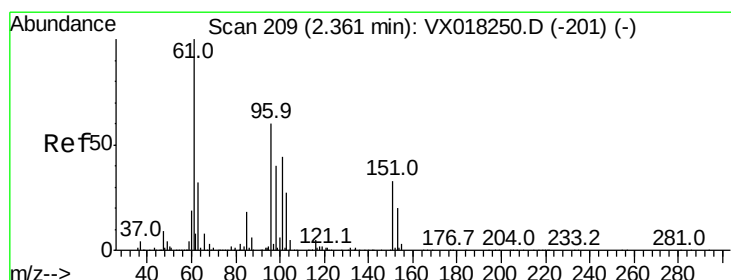
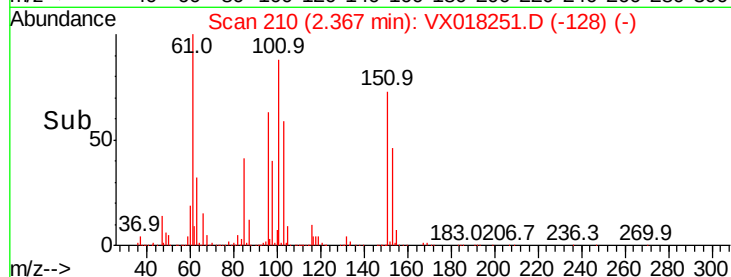
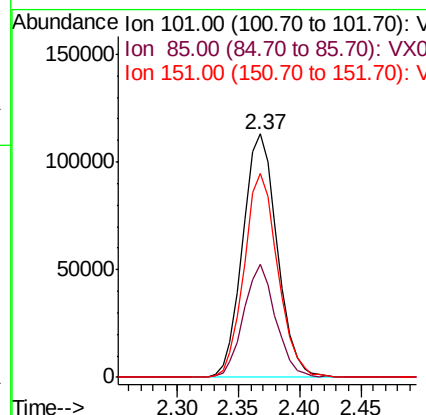
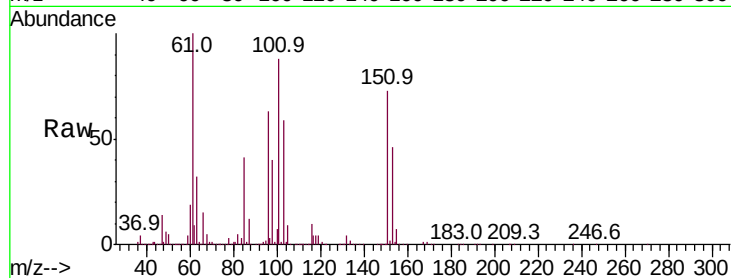
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	221645
Ion Ratio	Lower	Upper	
101	100		
85	43.1	0.0	87.8
151	81.9	0.0	161.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 56.151 ug/l

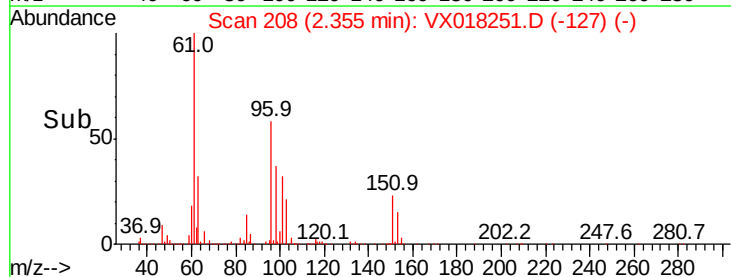
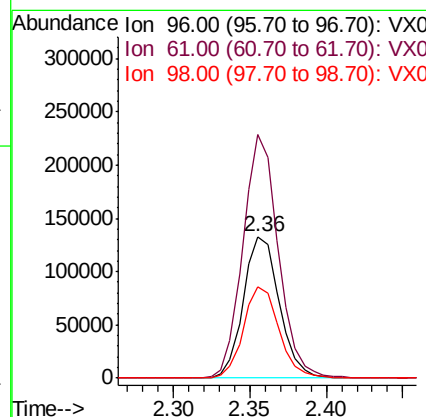
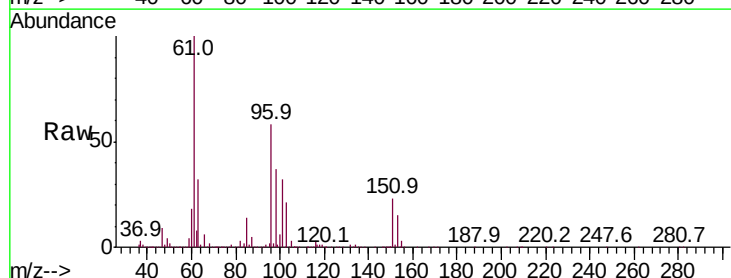
RT: 2.36 min Scan# 208

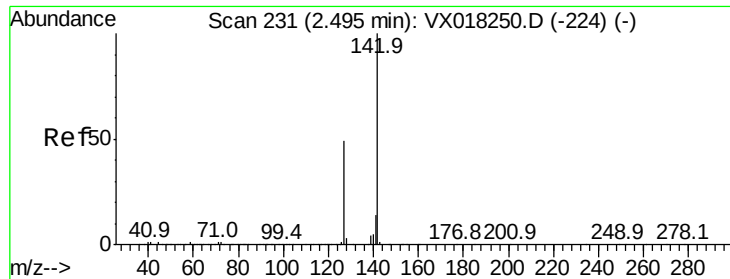
Delta R.T. -0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	96	Resp:	217479
Ion Ratio	Lower	Upper	
96	100		
61	172.0	132.5	198.7
98	64.2	52.4	78.6





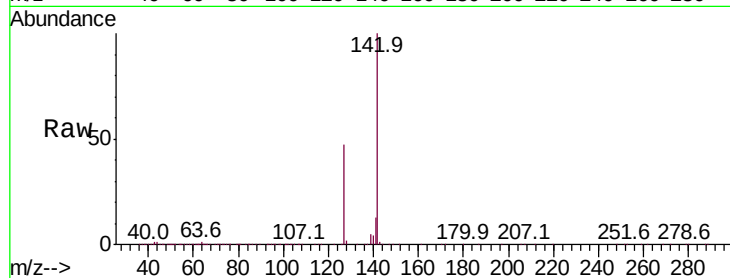
#11
Methvl Iodide
Concen: 59.630 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
142	100			
127	47.0	24.6	74.0	
141	13.1	7.0	21.0	

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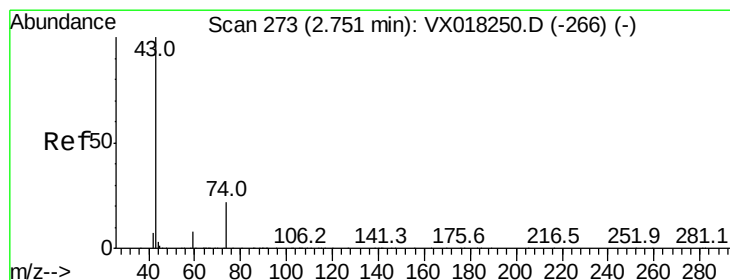
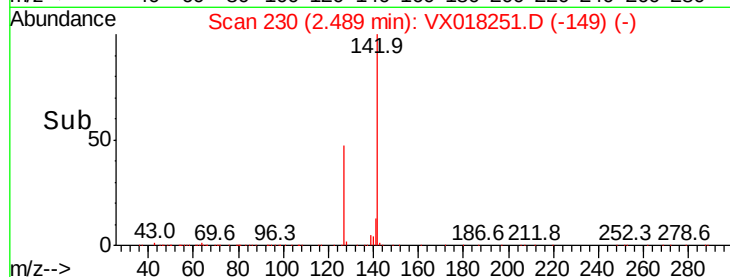
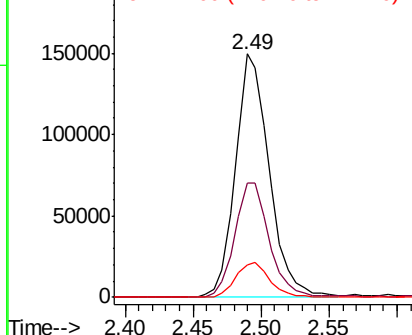


Abundance

Ion 142.00 (141.70 to 142.70): V

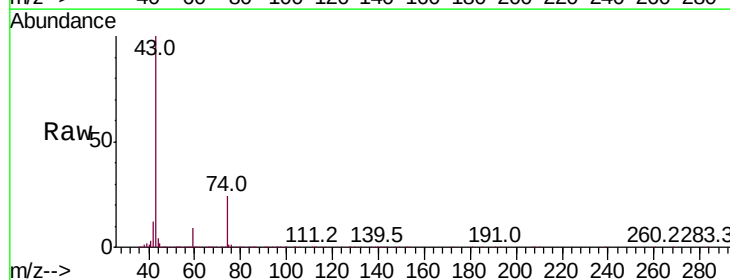
Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12
Methyl Acetate
Concen: 52.030 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

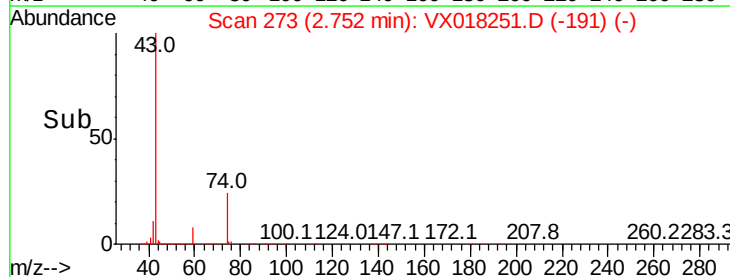
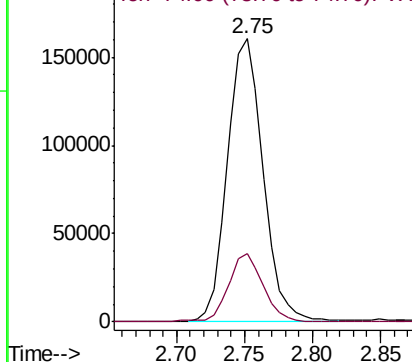
Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
74	23.9	18.0	27.0	

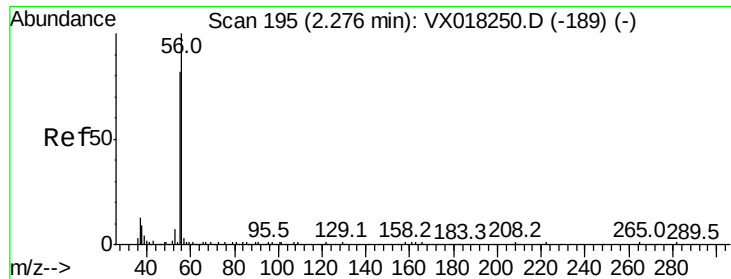


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





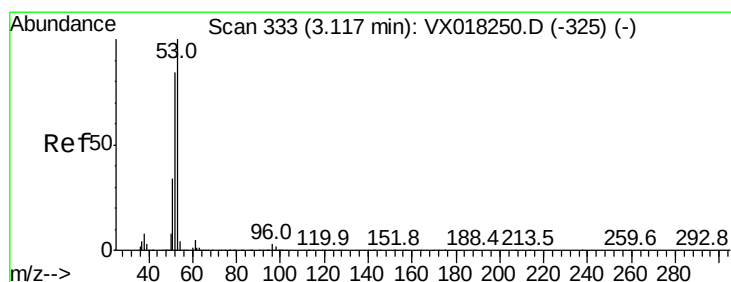
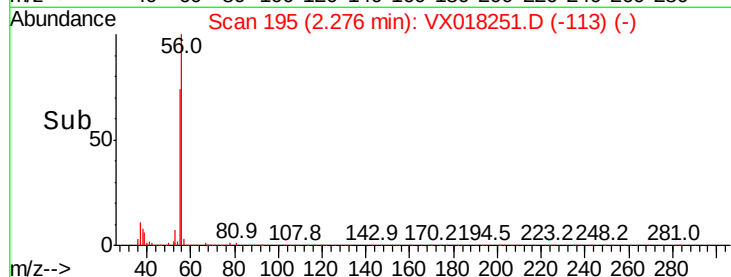
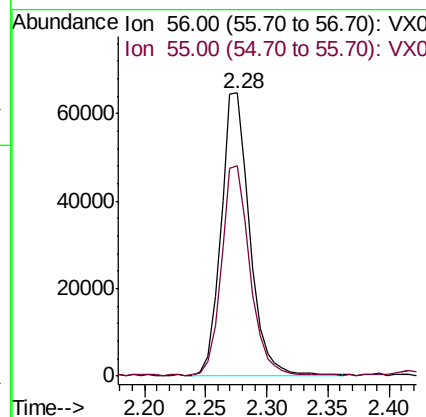
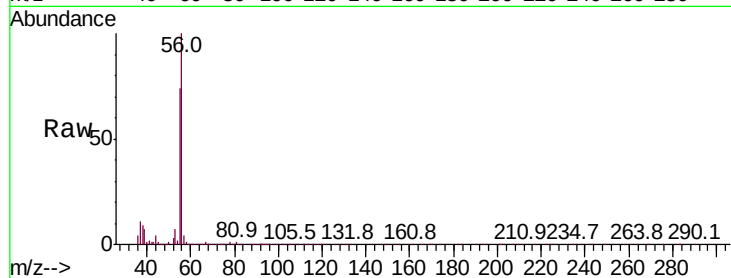
#13
Acrolein
Concen: 143.989 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	56	Resp	104483
Ion Ratio	100	Lower	Upper
55	74.0	59.7	89.5

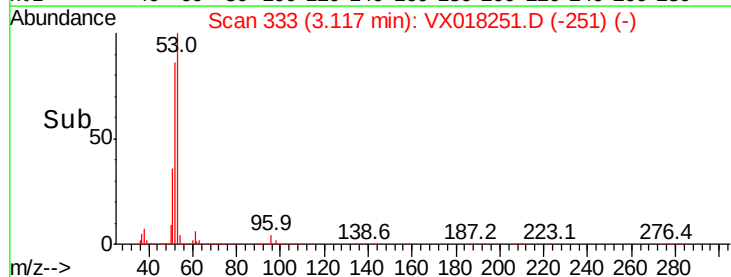
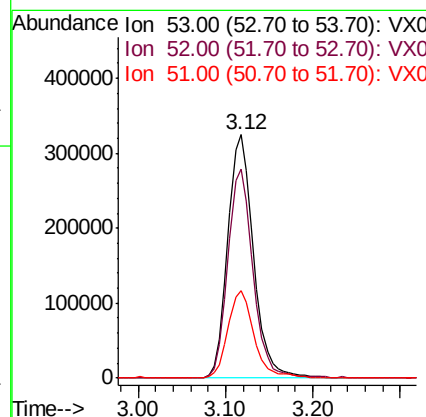
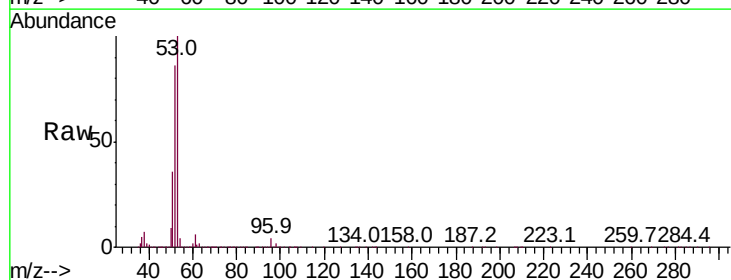
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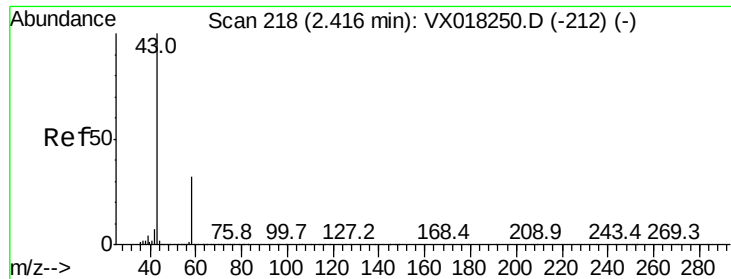
MMDadoda
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#14
Acrylonitrile
Concen: 281.355 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	53	Resp	664504
Ion Ratio	100	Lower	Upper
52	83.5	41.9	125.7
51	36.6	18.3	54.8





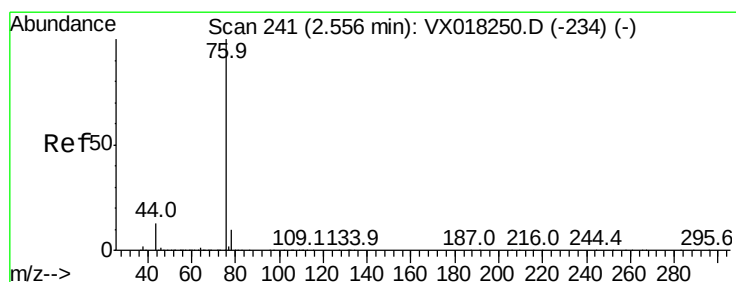
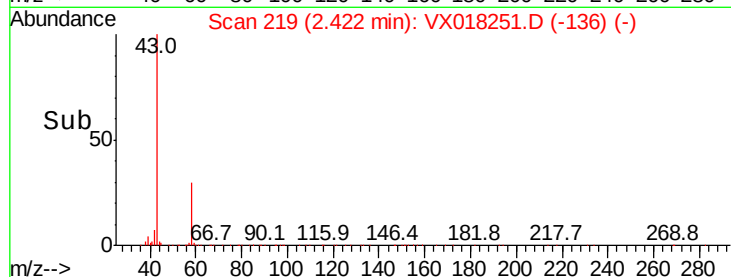
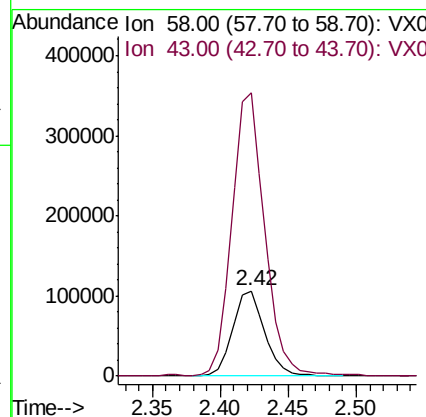
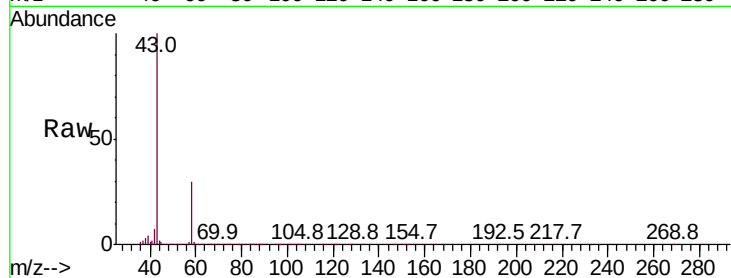
#15
Acetone
Concen: 265.691 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
58	100		
43	330.6	248.2	372.2

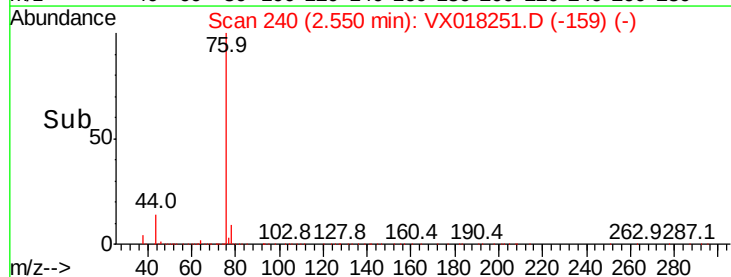
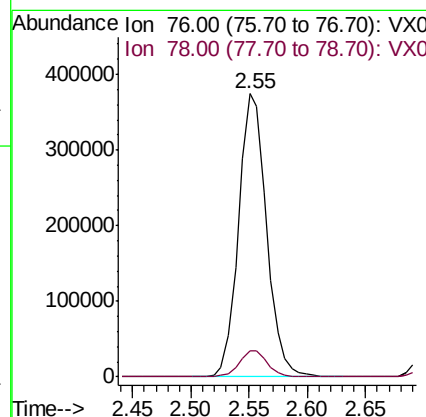
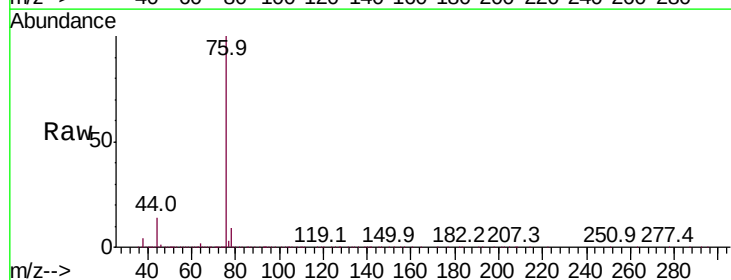
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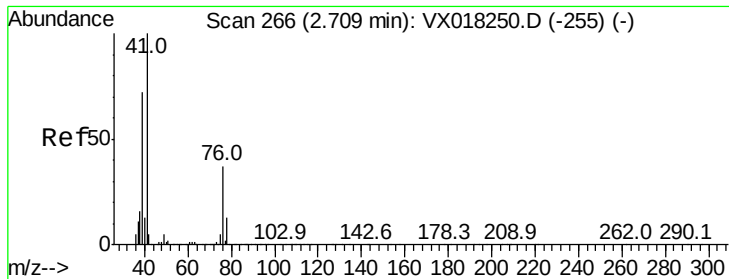
MMDadoda
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#16
Carbon Disulfide
Concen: 60.472 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.8	11.6





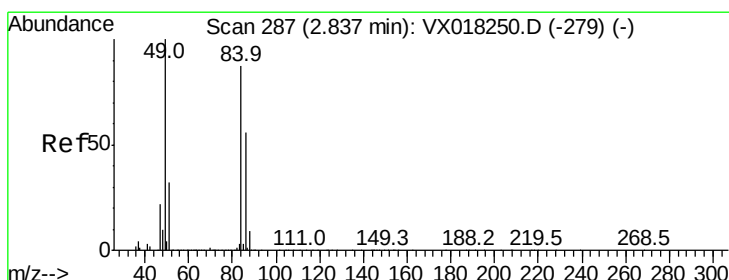
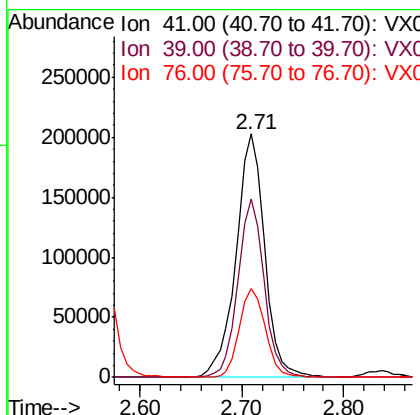
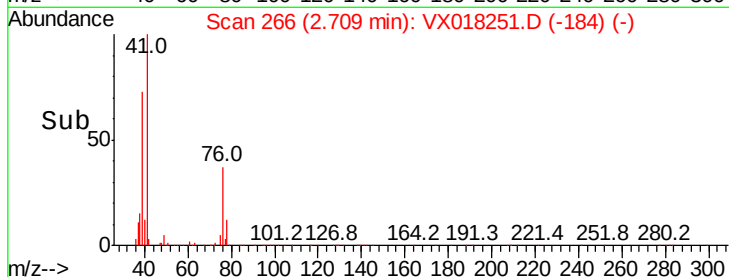
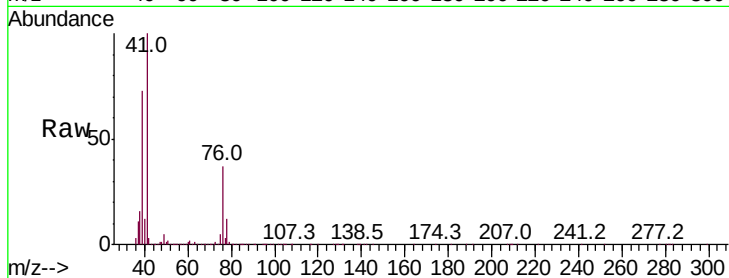
#17
Allvl chloride
Concen: 55.069 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.4	36.0	108.1
76	36.6	18.6	55.6

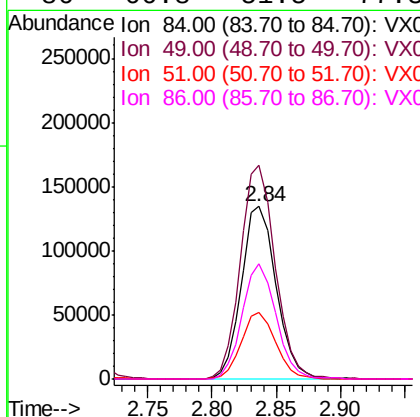
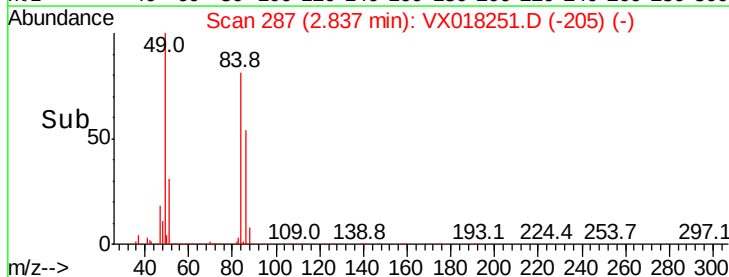
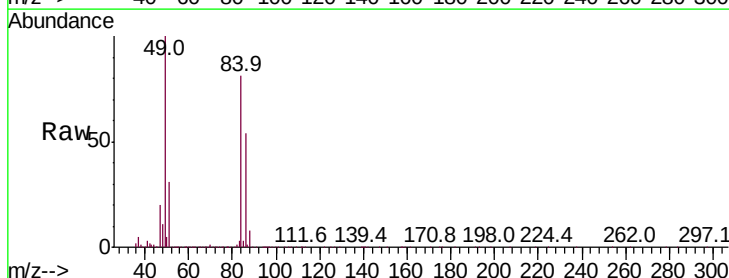
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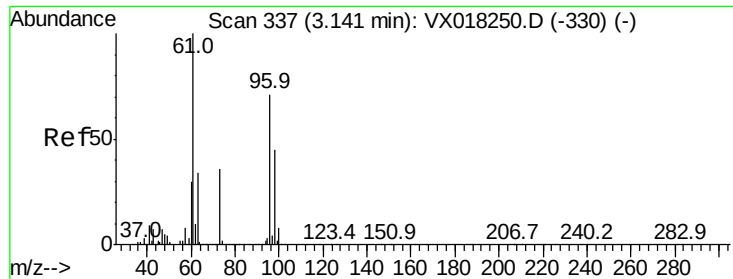
MMDadoda
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#18
Methylene Chloride
Concen: 55.995 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.9	91.6	137.4
51	38.6	29.4	44.0
86	66.8	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 60.229 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

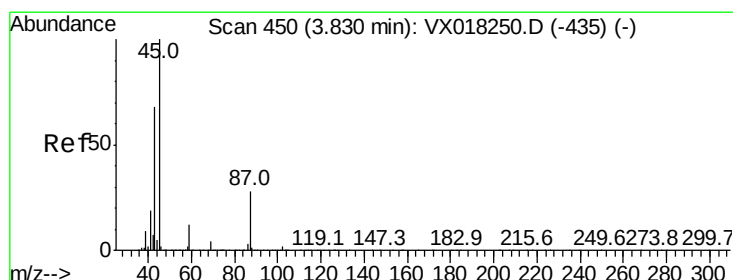
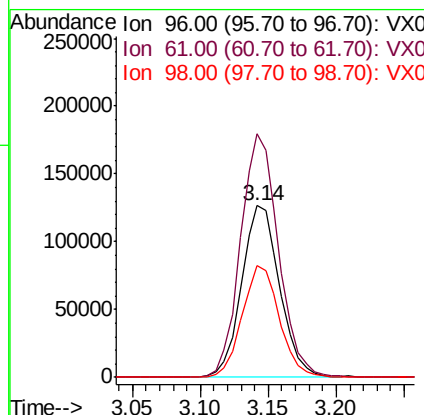
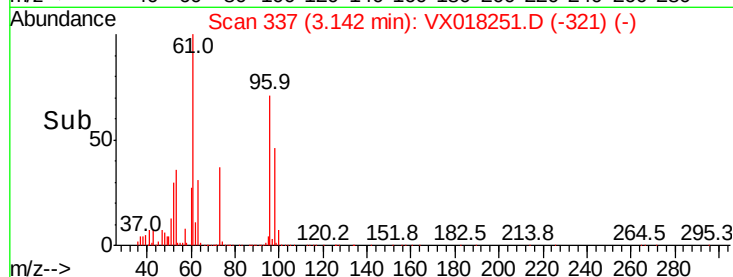
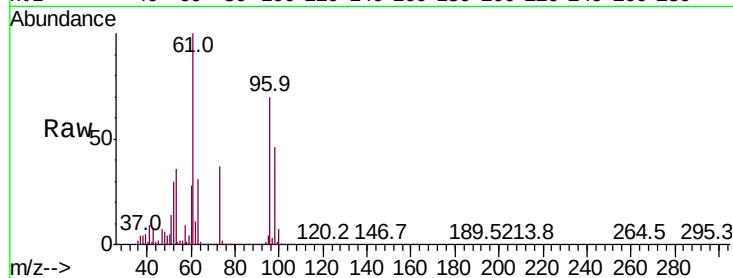
ClientSampleId :

VSTDIC050

Tot Ion:	96	Resp:	246901
Ion	Ratio	Lower	Upper
96	100		
61	142.1	112.8	169.2
98	65.6	51.0	76.4

Manual Integrations
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9/8/2020 5:16:50 PM



#20

Diisopropyl ether

Concen: 55.072 ug/l

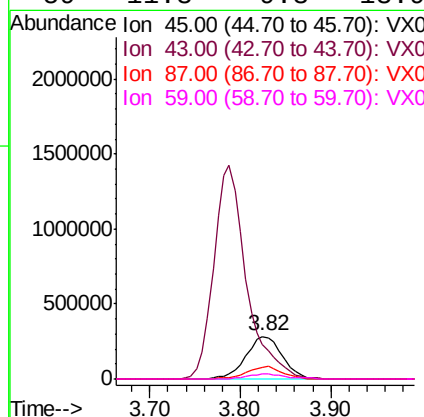
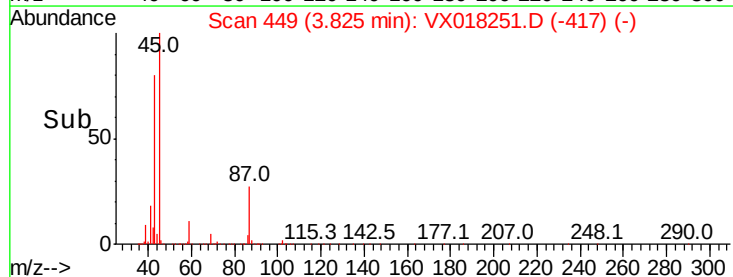
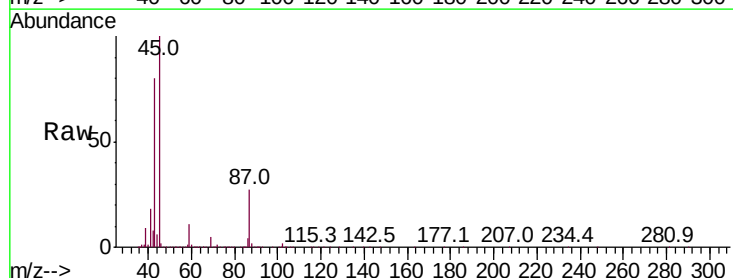
RT: 3.82 min Scan# 449

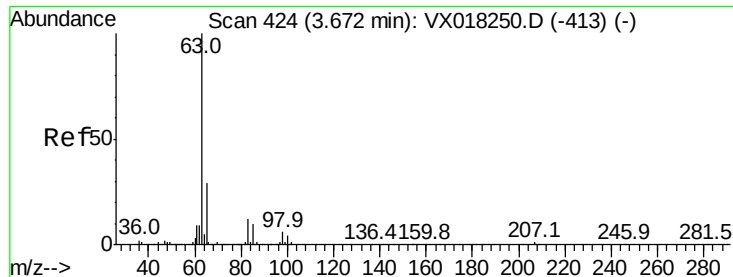
Delta R.T. -0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	45	Resp:	787183
Ion	Ratio	Lower	Upper
45	100		
43	78.8	54.5	81.7
87	27.3	22.2	33.2
59	11.3	9.3	13.9





#21

1,1-Dichloroethane

Concen: 56.985 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

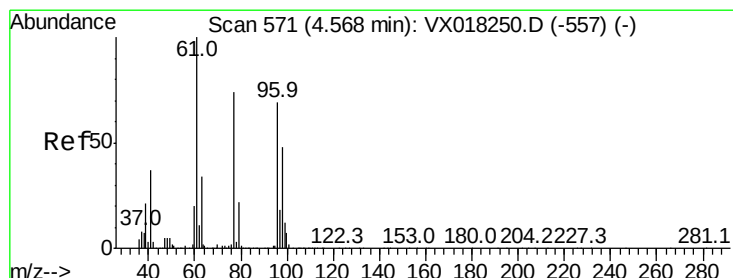
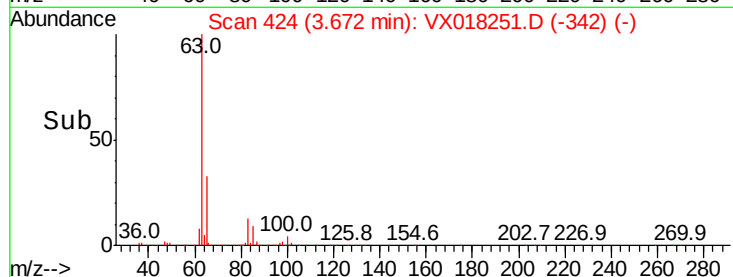
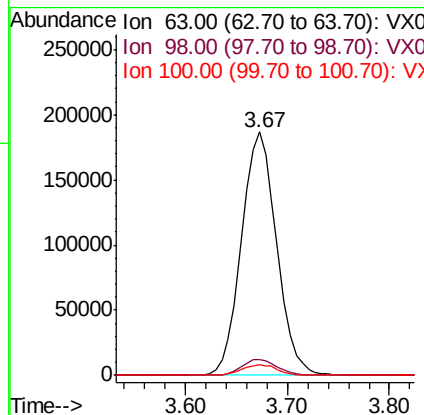
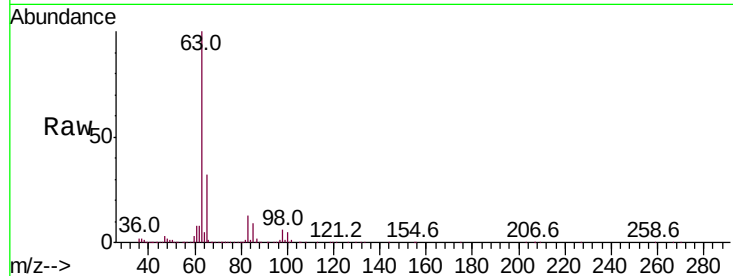
ClientSampleId :

VSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.4	3.2	9.6
100	4.6	2.1	6.3

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 55.561 ug/l

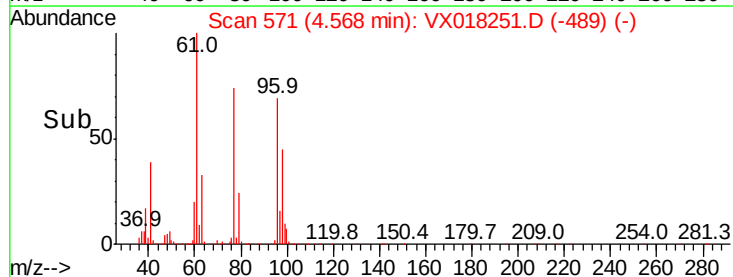
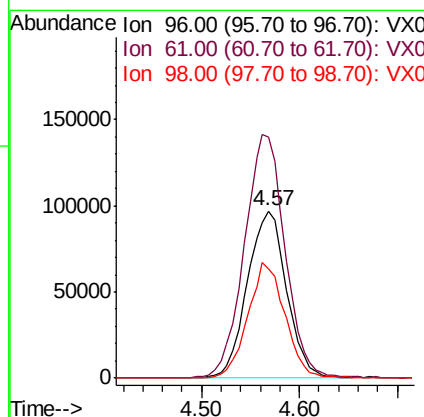
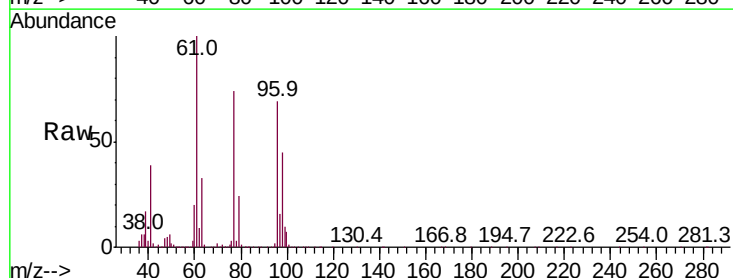
RT: 4.57 min Scan# 571

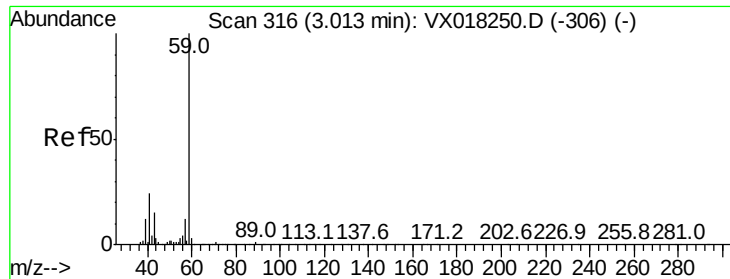
Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	150.9	116.2	174.4
98	65.3	52.5	78.7





#23

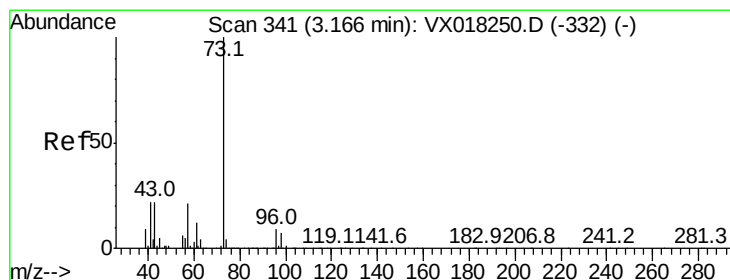
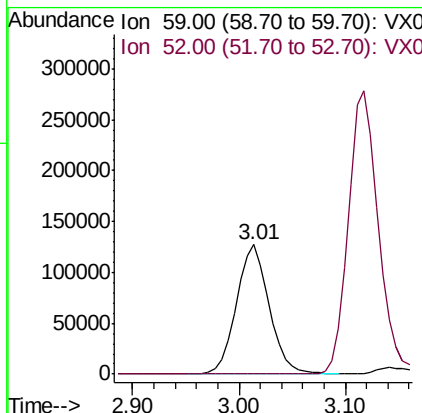
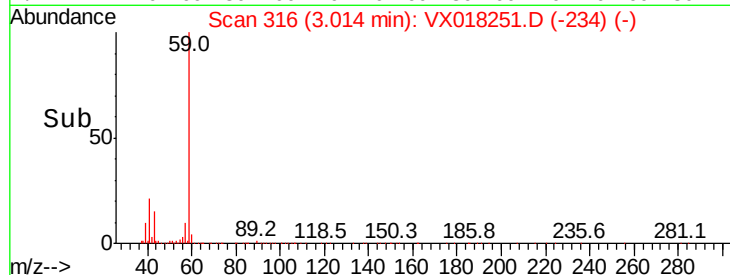
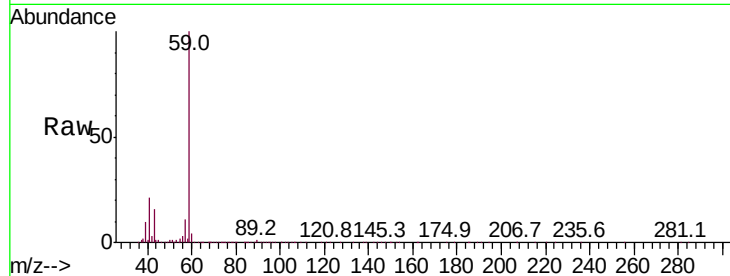
tert-Butyl Alcohol
 Concen: 256.276 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	275354		
52	0.4		0.4	0.6

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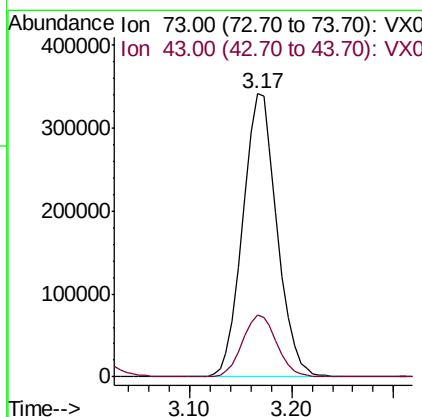
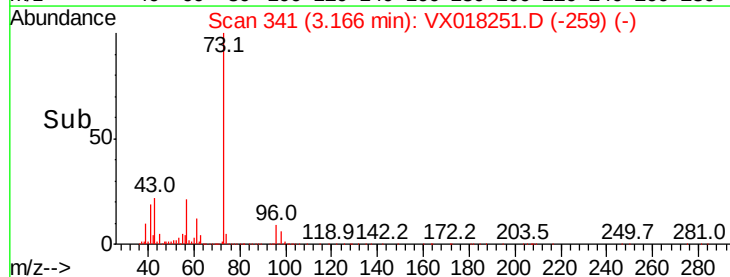
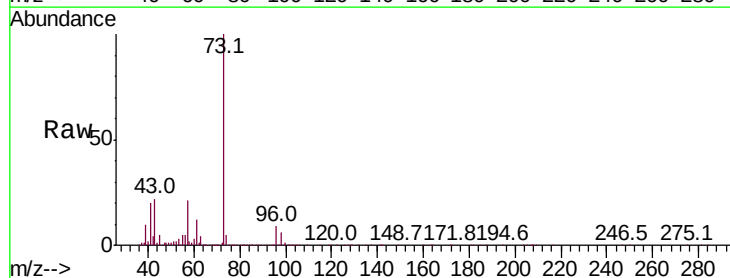
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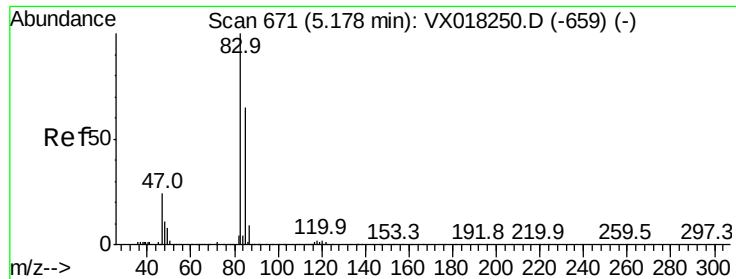


#24

Methyl tert-Butyl Ether
 Concen: 54.628 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
73	100	795876		
43	21.8		17.8	26.6





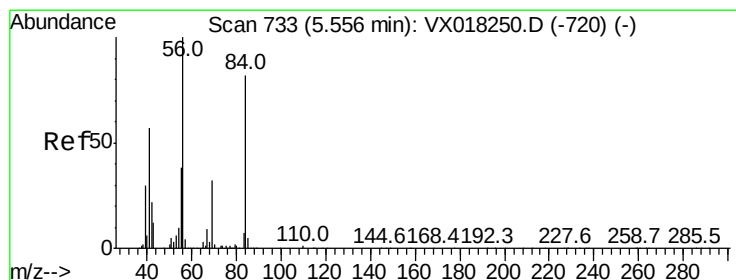
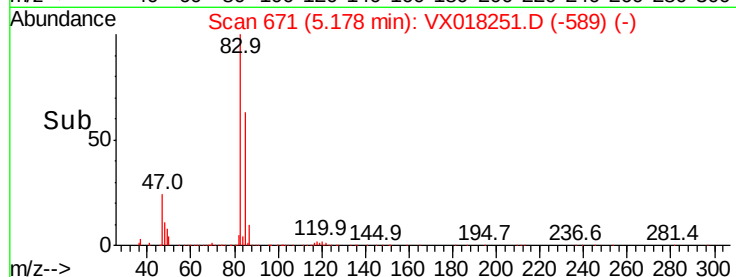
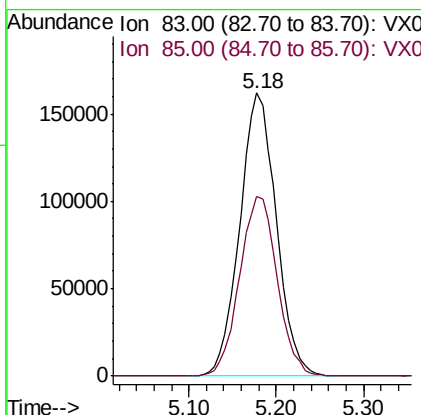
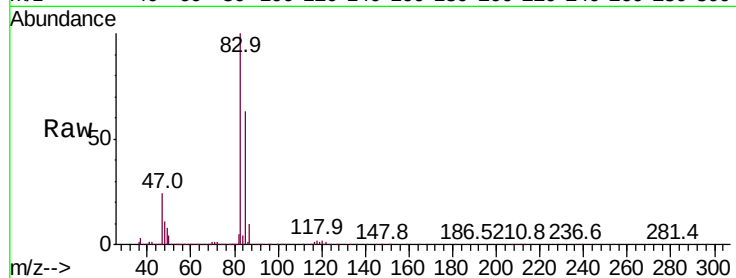
#25
Chloroform
Concen: 54.923 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.6	77.4

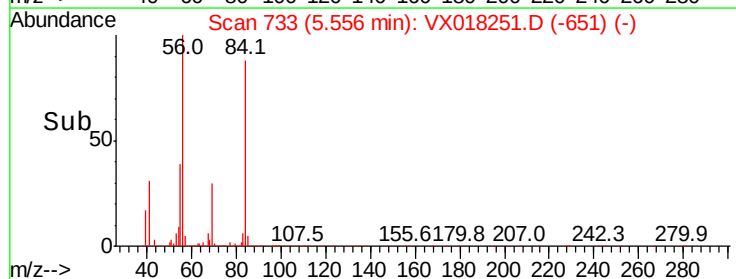
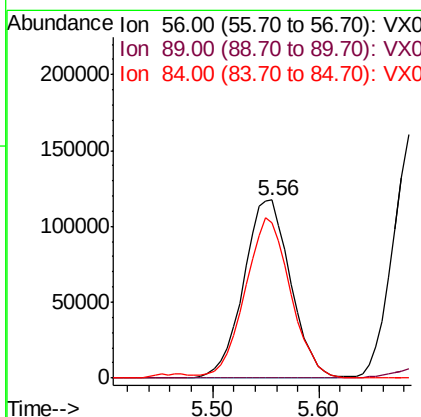
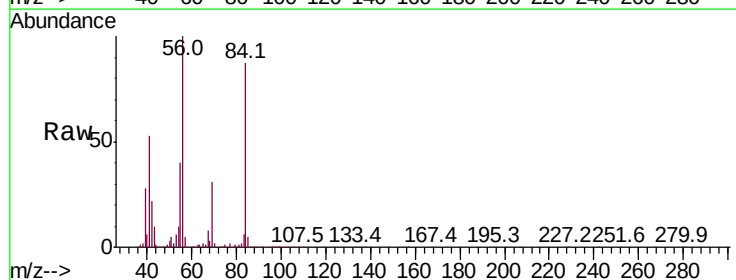
Manual Integrations
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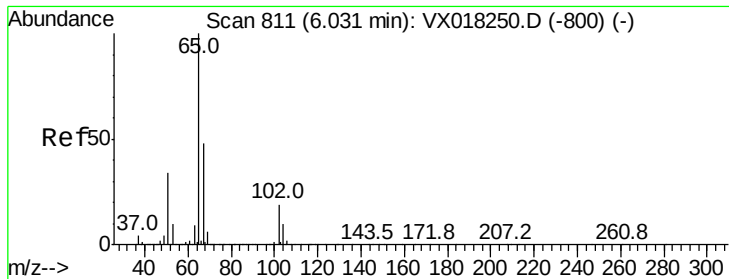
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#26
Cyclohexane
Concen: 54.359 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	86.8	41.0	61.4#





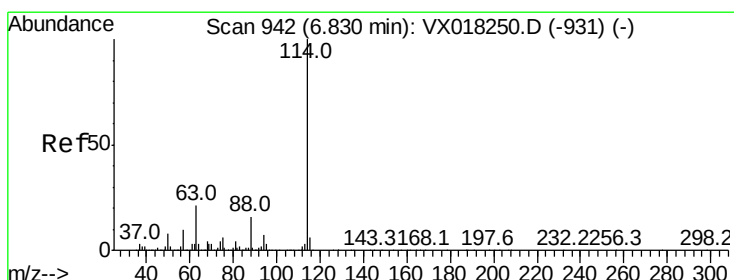
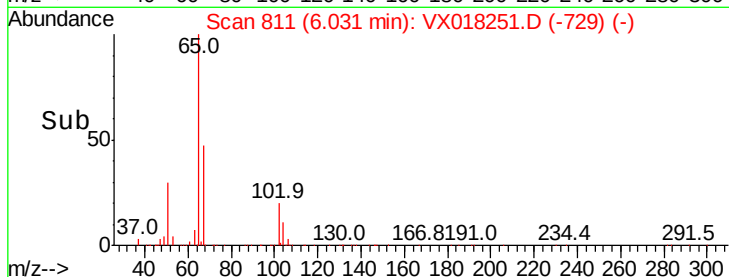
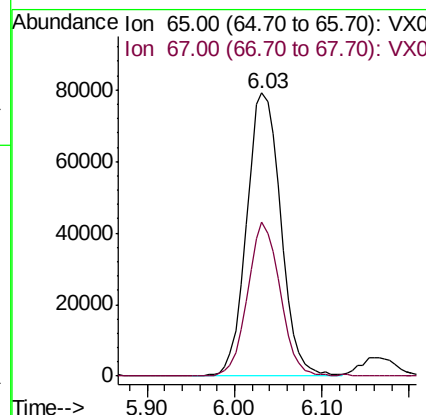
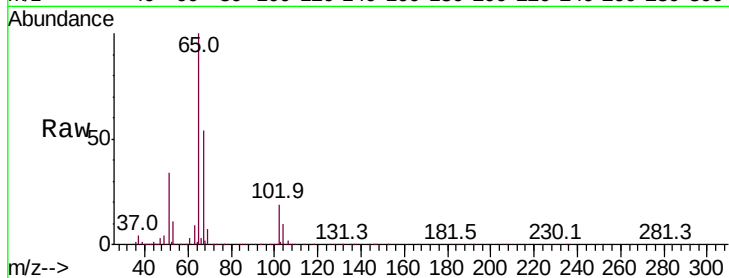
#27
 1,2-Dichloroethane-d4
 Concen: 29.886 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	39.9	59.9

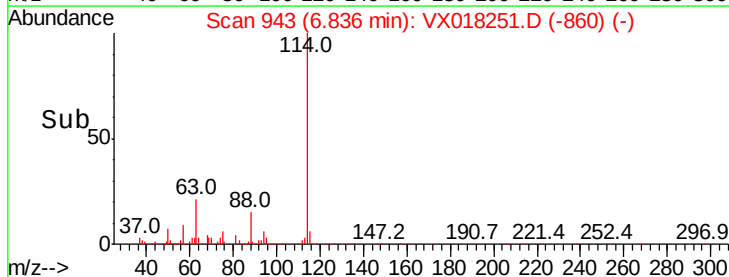
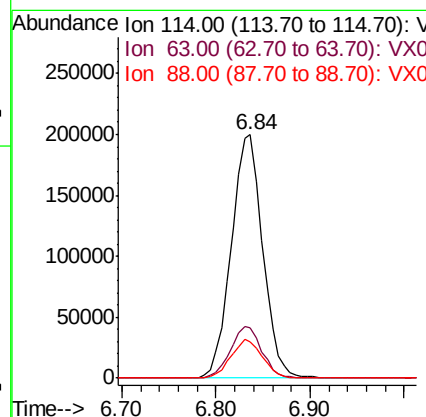
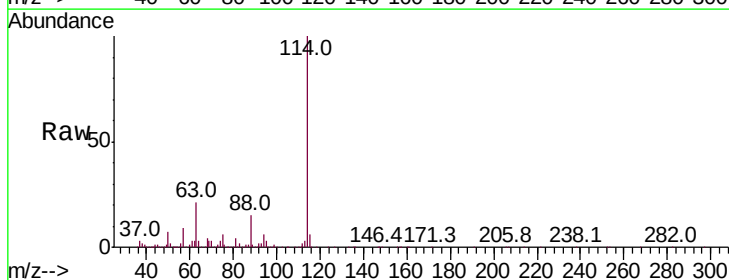
Manual Integrations
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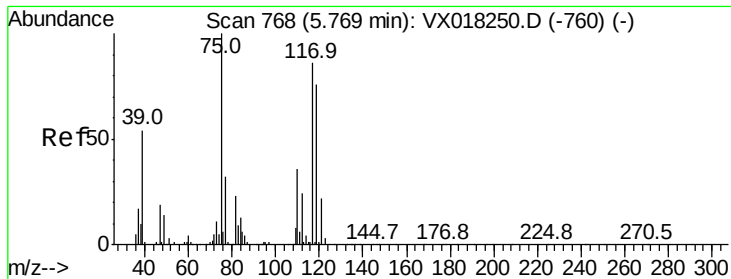
MMDadoda
 9/8/2020 5:16:50 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	16.7	25.1
88	15.8	12.6	18.8





#29

1,1-Dichloropropene

Concen: 59.476 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

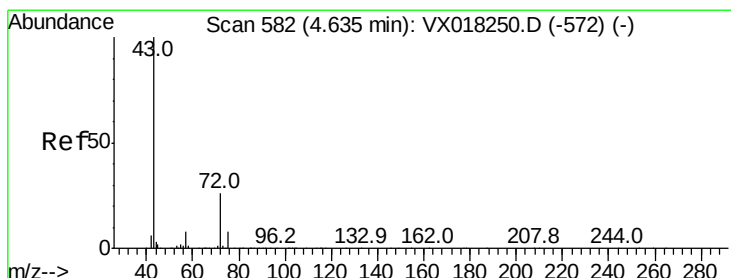
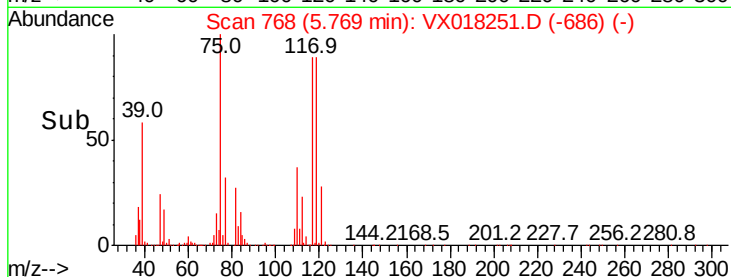
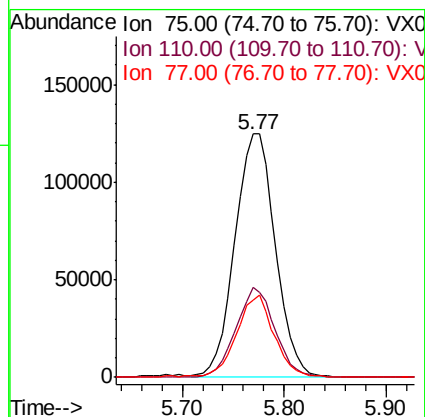
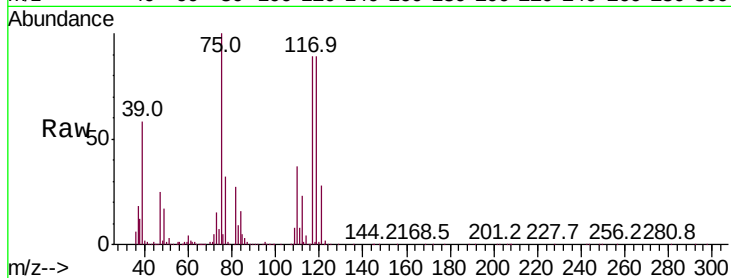
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	342848
Ion Ratio	Lower	Upper	
75	100		
110	35.6	0.0	72.2
77	31.0	0.0	61.0

Manual Integrations
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#30

2-Butanone

Concen: 290.965 ug/l

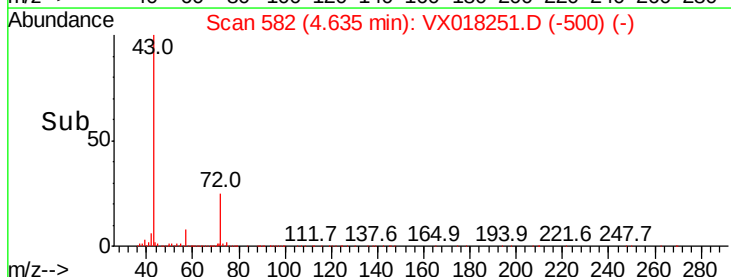
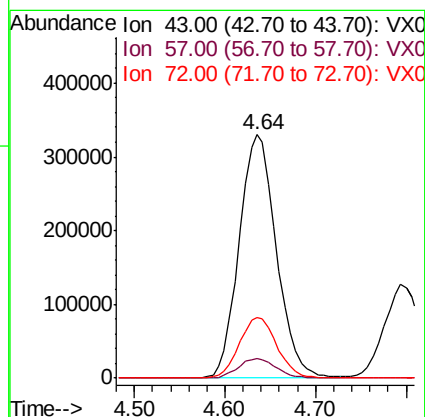
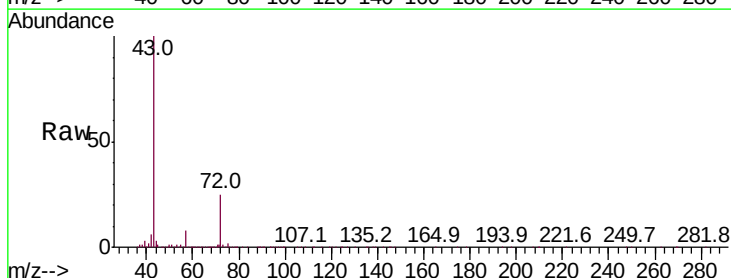
RT: 4.64 min Scan# 582

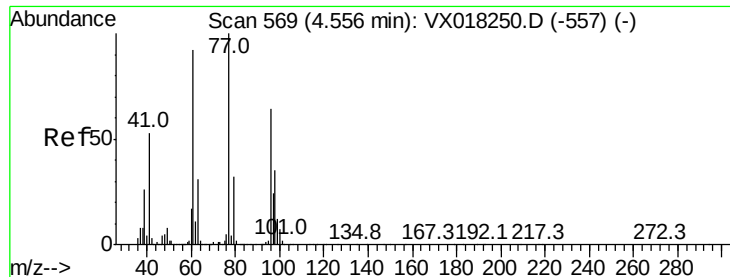
Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	43	Resp:	934958
Ion Ratio	Lower	Upper	
43	100		
57	8.2	6.7	10.1
72	25.0	20.0	30.0





#31

2,2-Dichloropropane

Concen: 56.926 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 77 Resp: 409954

Ion Ratio Lower Upper

77 100

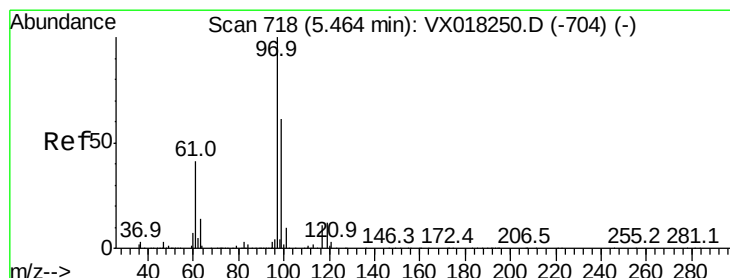
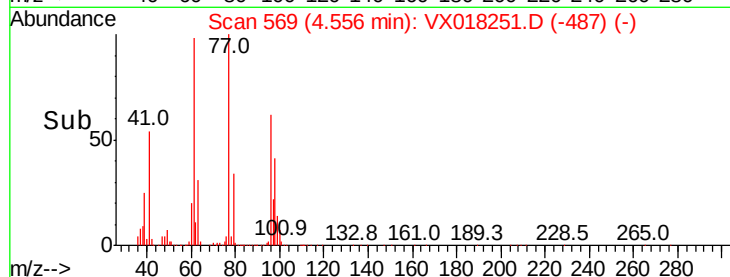
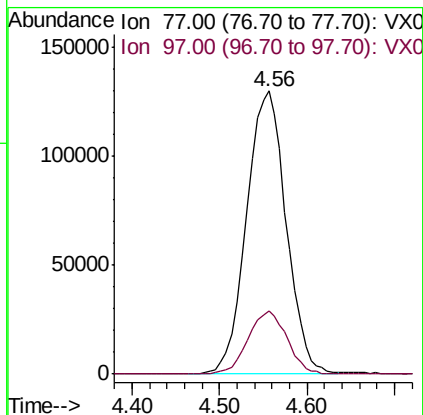
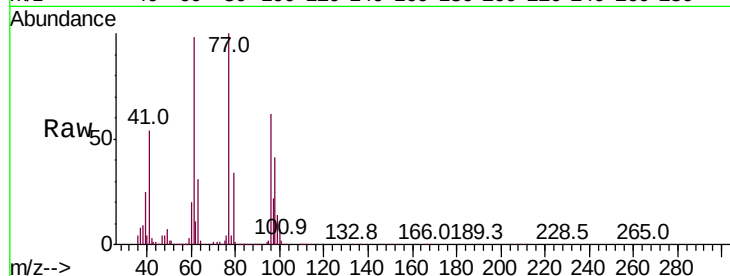
97 21.9 18.1 27.1

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 57.532 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

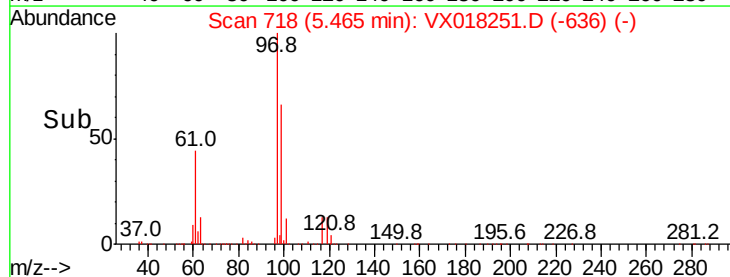
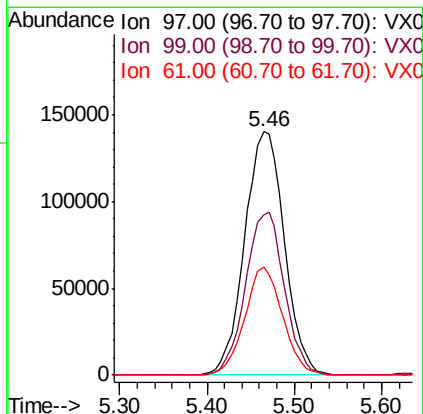
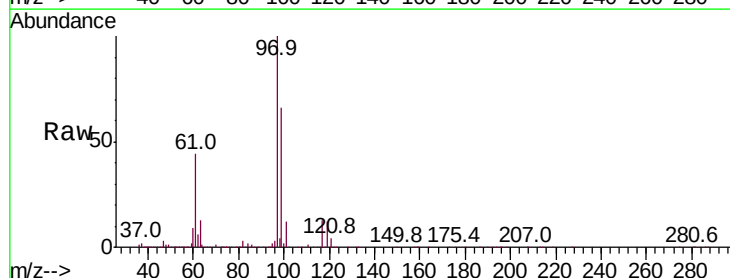
Tgt Ion: 97 Resp: 444468

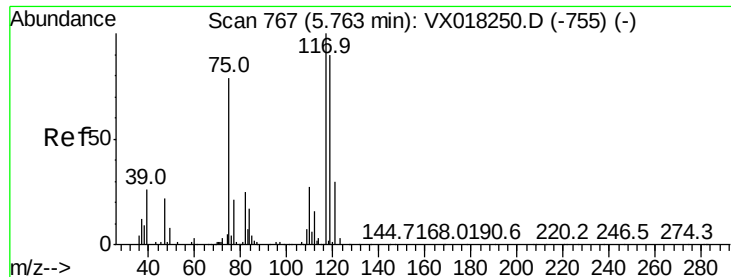
Ion Ratio Lower Upper

97 100

99 65.4 50.7 76.1

61 42.4 34.5 51.7





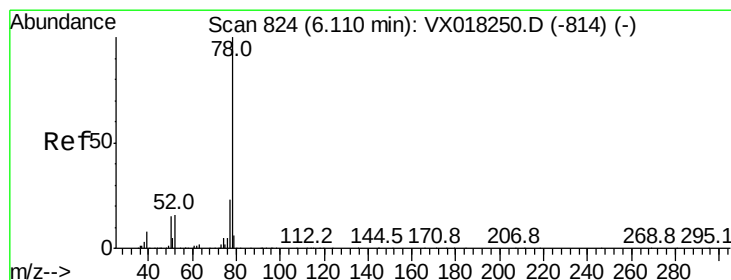
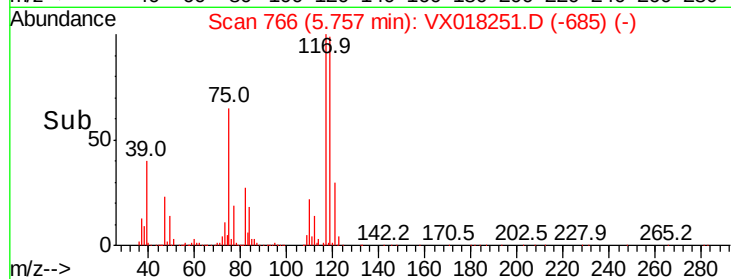
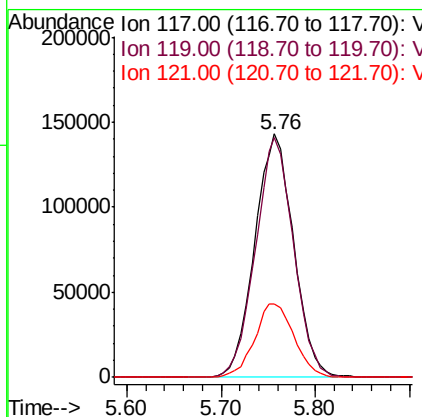
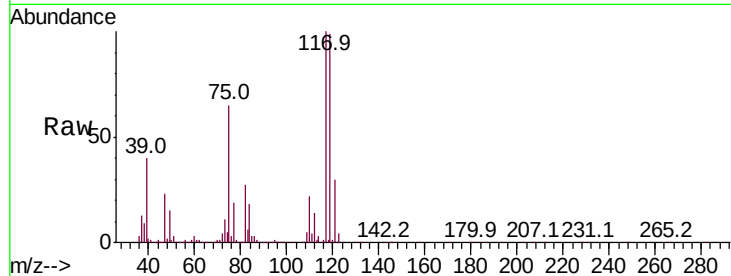
#33
Carbon Tetrachloride
Concen: 57.659 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	412194		
119	98.6	72.3	108.5	
121	30.1	24.1	36.1	

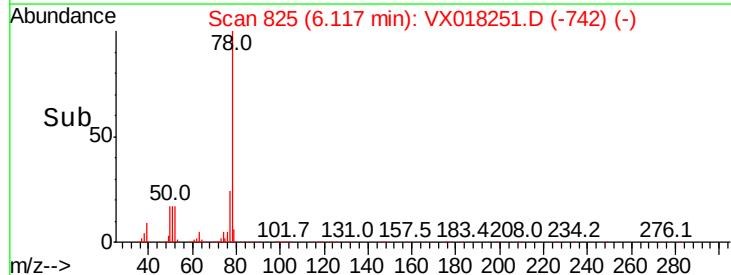
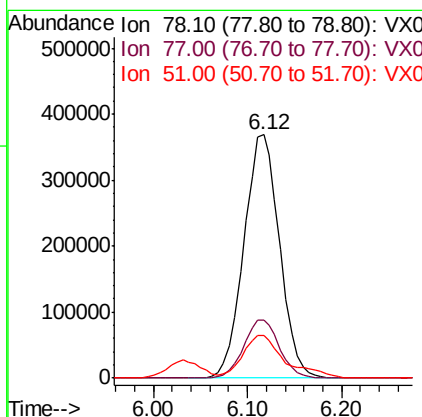
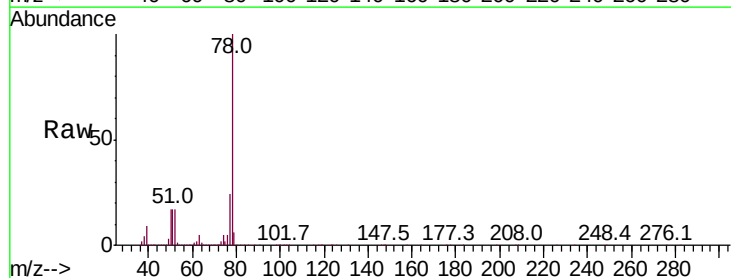
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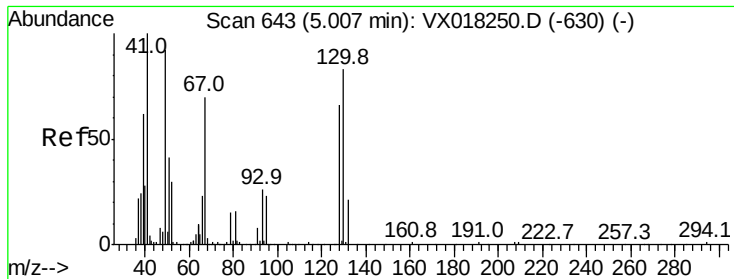
MMDadoda
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#34
Benzene
Concen: 59.345 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	976509		
77	23.9	18.3	27.5	
51	16.7	11.3	16.9	





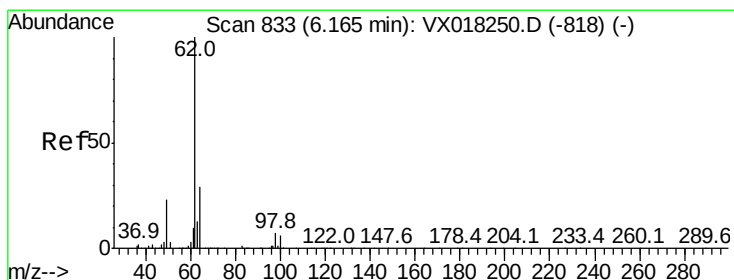
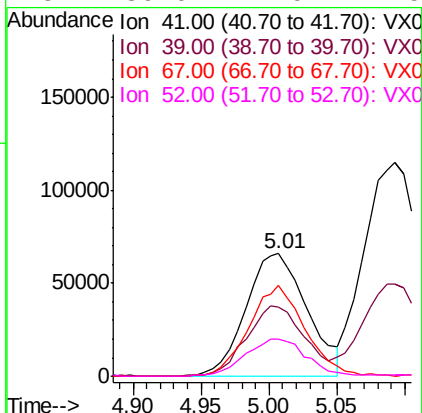
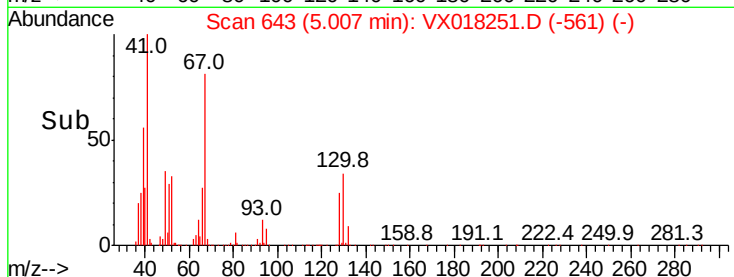
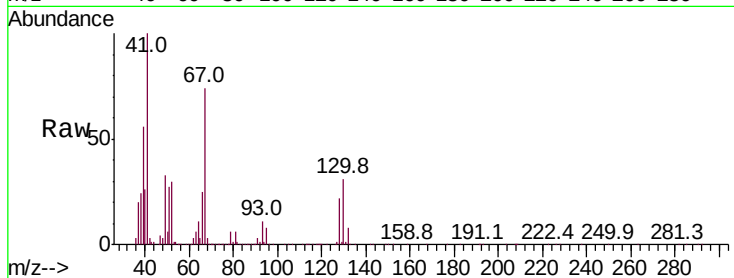
#35
Methacrylonitrile
Concen: 59.127 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		205431		
39	55.2	31.3	93.9		
67	73.5	35.4	106.2		
52	30.0	14.9	44.5		

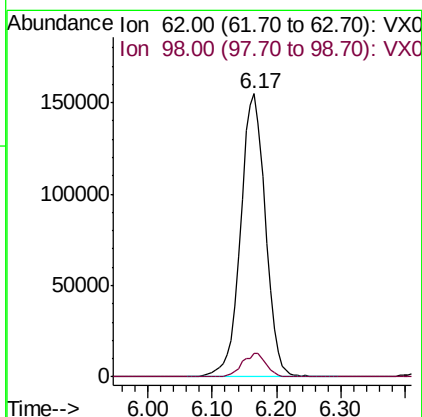
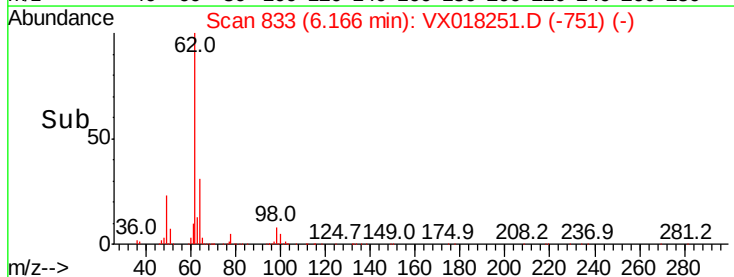
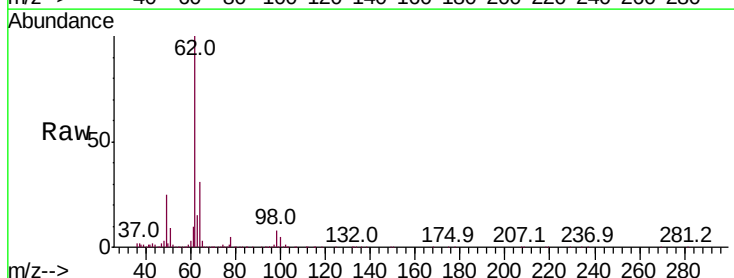
Manual Integrations
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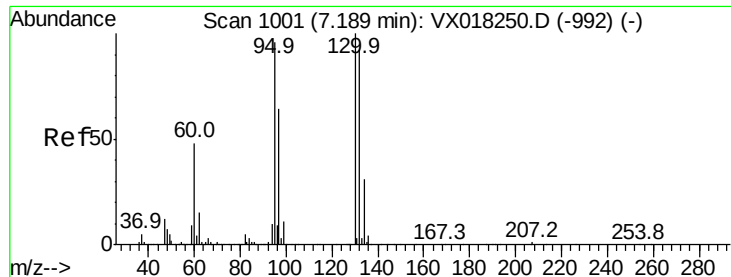
MMDadoda
9/8/2020 5:16:50 PM



#36
1,2-Dichloroethane
Concen: 59.437 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		409946		
98	8.0	0.0	0.0#		





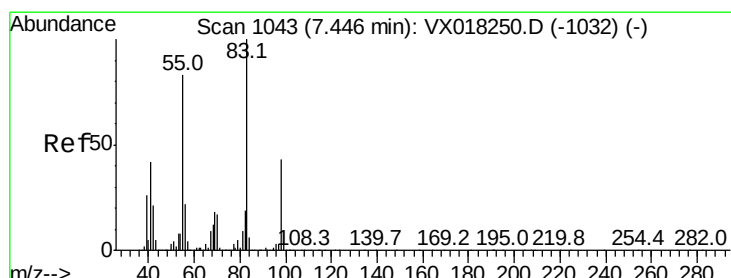
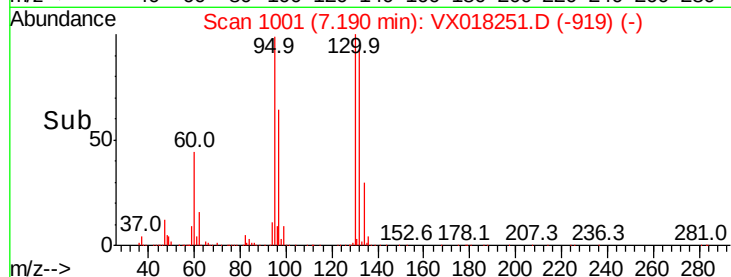
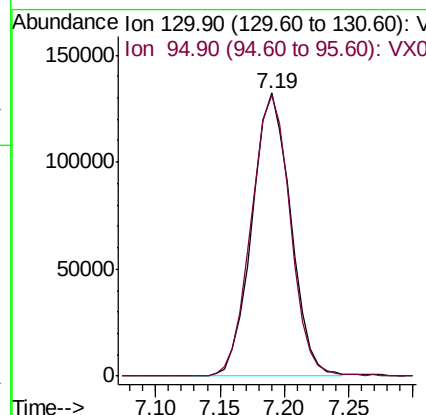
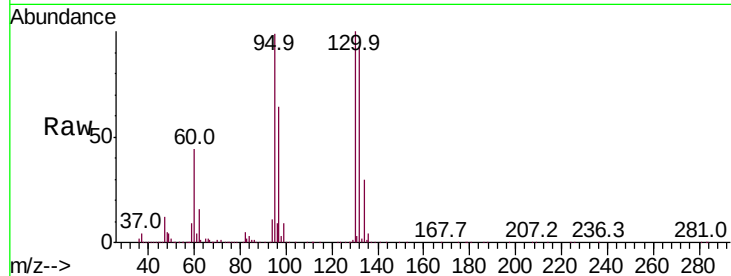
#37
 Trichloroethene
 Concen: 57.184 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
130	100	274538		
95	98.9	76.9	115.3	

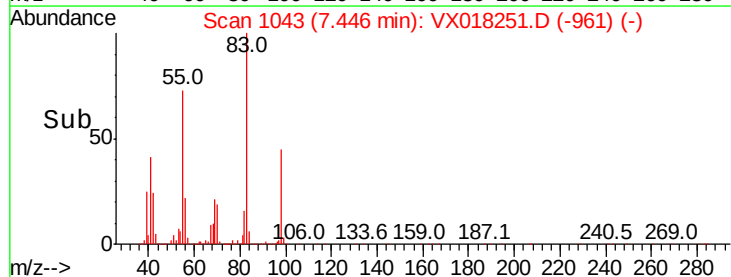
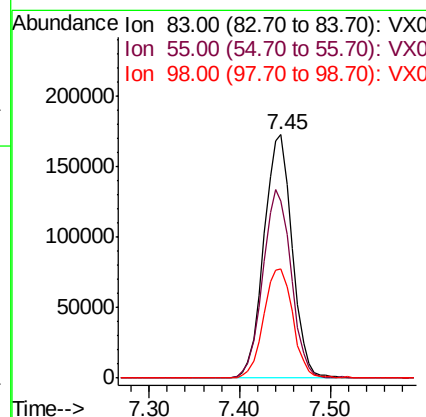
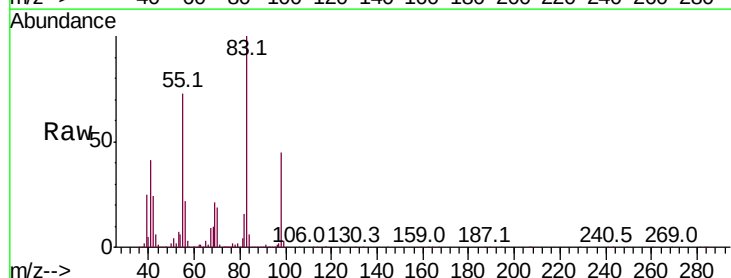
Manual Integrations
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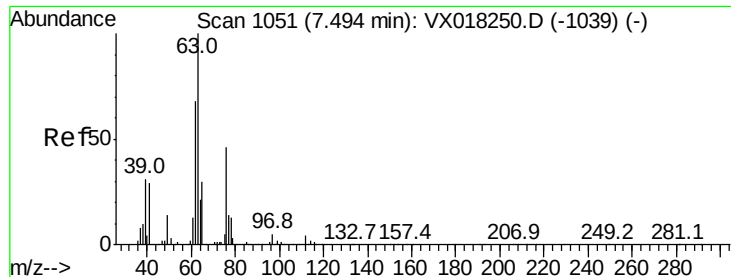
MMDadoda
 9/8/2020 5:16:50 PM



#38
 Methylcyclohexane
 Concen: 55.467 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	371516		
55	77.6	41.1	123.4	
98	46.6	24.0	72.0	





#39

1,2-Dichloropropane

Concen: 57.836 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 63 Resp: 257427

Ion Ratio Lower Upper

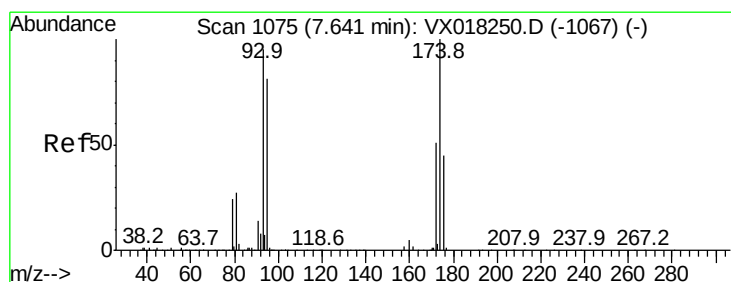
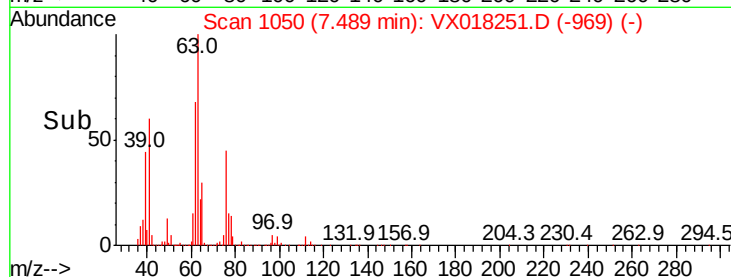
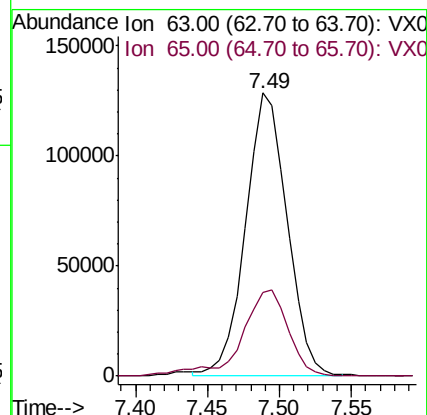
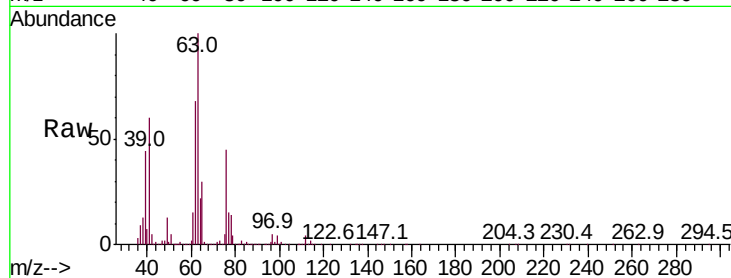
63 100

65 29.6 25.7 38.5

Manual Integrations
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#40

Dibromomethane

Concen: 58.857 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

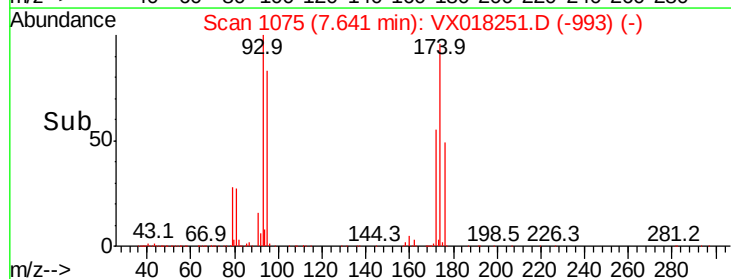
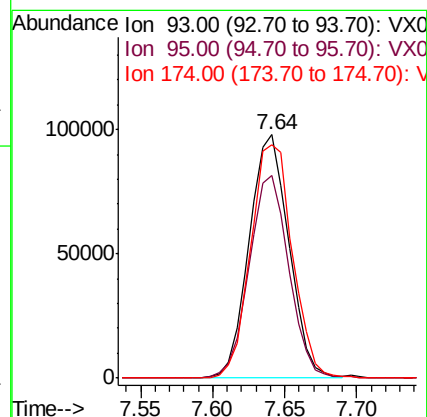
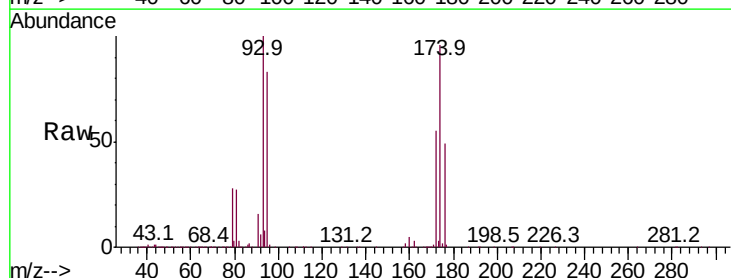
Tgt Ion: 93 Resp: 187052

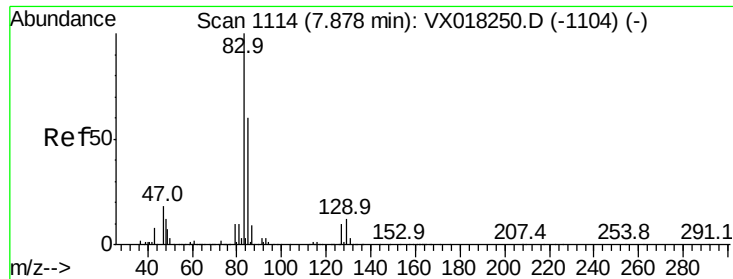
Ion Ratio Lower Upper

93 100

95 83.0 0.0 167.0

174 100.8 0.0 202.0





#41

Bromodichloromethane

Concen: 56.823 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

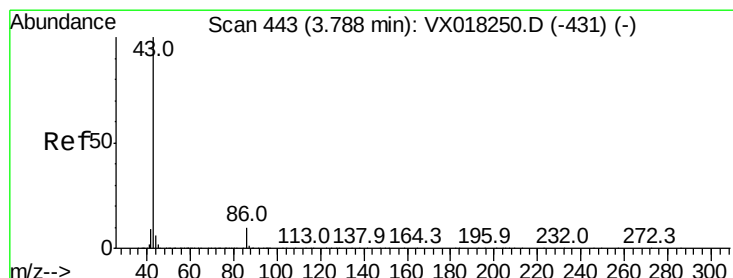
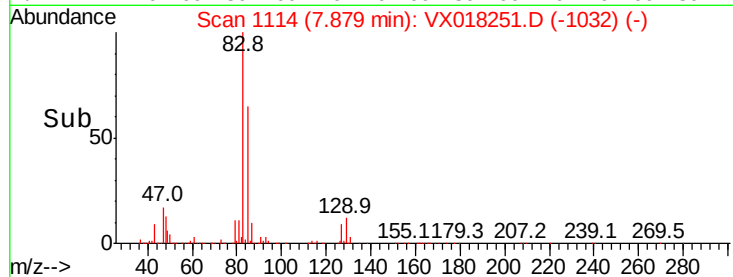
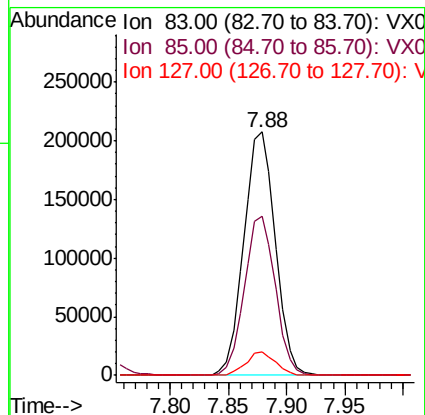
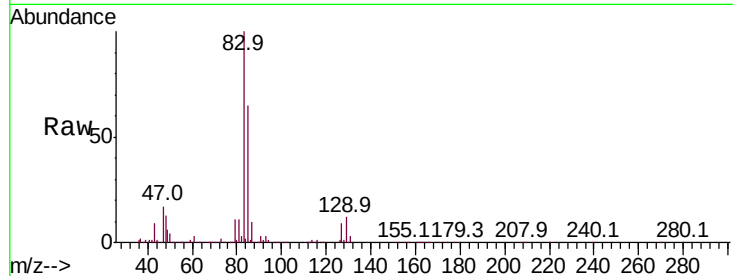
ClientSampleId :

VSTDIC050

Tot Ion	83	Resp	390796
Ion	Ratio	Lower	Upper
83	100		
85	65.1	48.2	72.2
127	9.4	8.0	12.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 322.458 ug/l

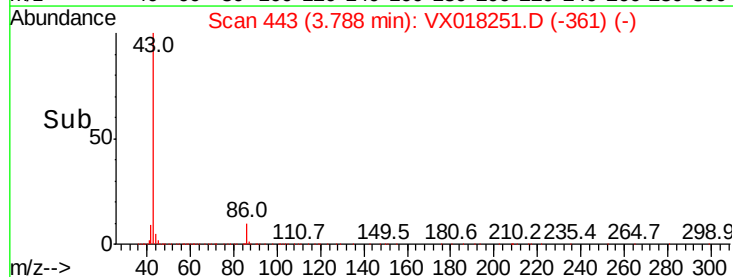
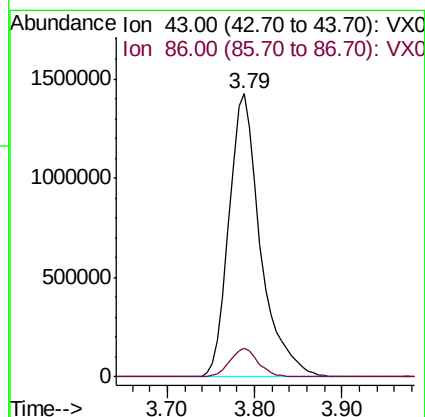
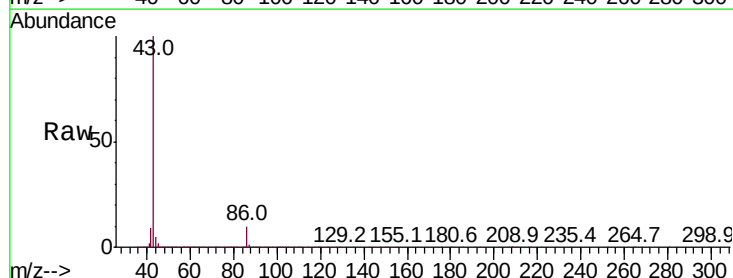
RT: 3.79 min Scan# 443

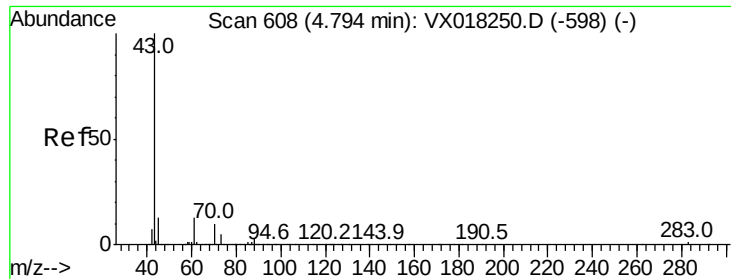
Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion	43	Resp	3582422
Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.2	10.8





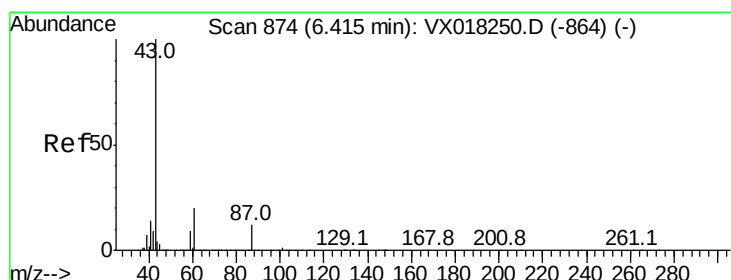
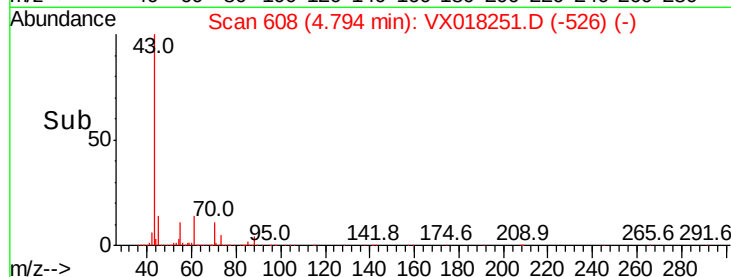
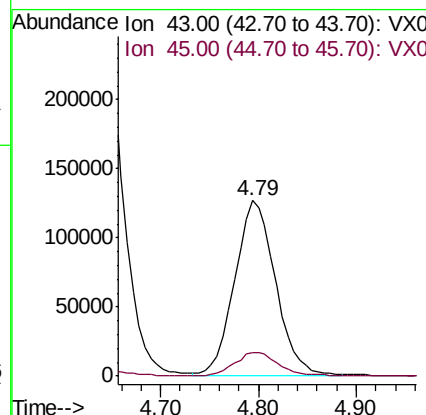
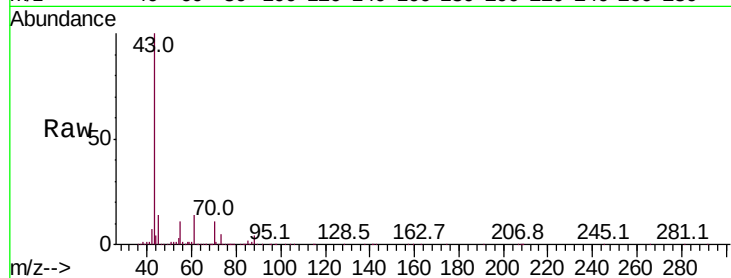
#43
Ethyl Acetate
Concen: 59.873 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 43 Resp: 368446
Ion Ratio Lower Upper
43 100
45 14.6 11.2 16.8

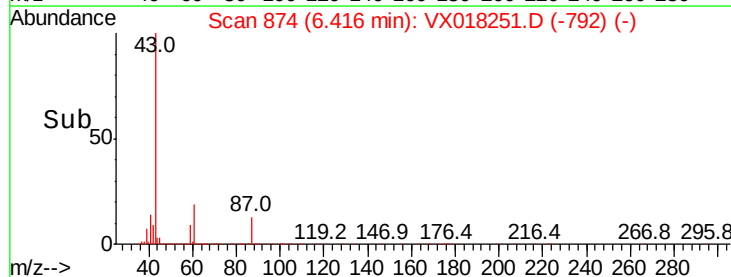
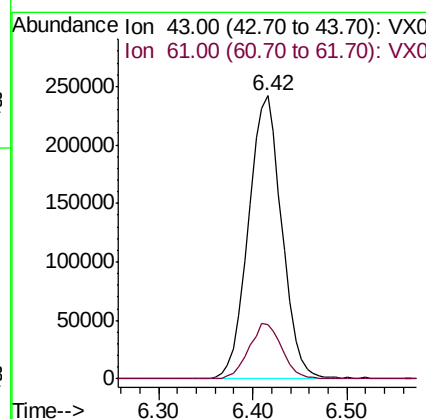
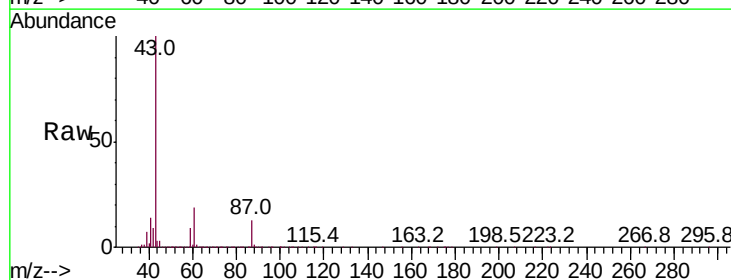
Manual Integrations
APPROVED

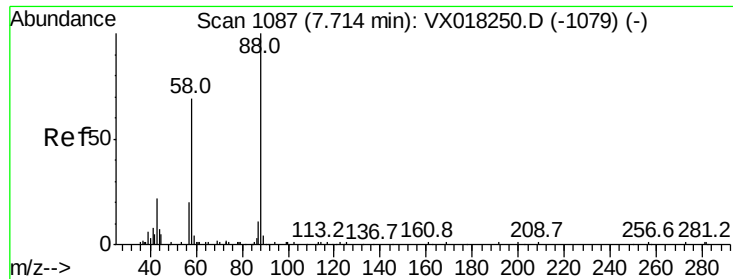
MMDadoda
9/8/2020 5:16:50 PM



#44
Isopropyl Acetate
Concen: 57.203 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion: 43 Resp: 599693
Ion Ratio Lower Upper
43 100
61 19.4 14.6 22.0





#45

1,4-Dioxane

Concen: 1006.680 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

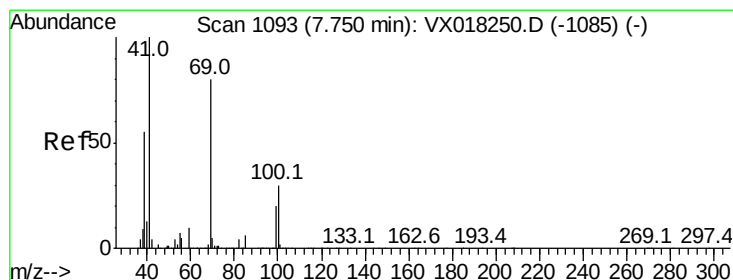
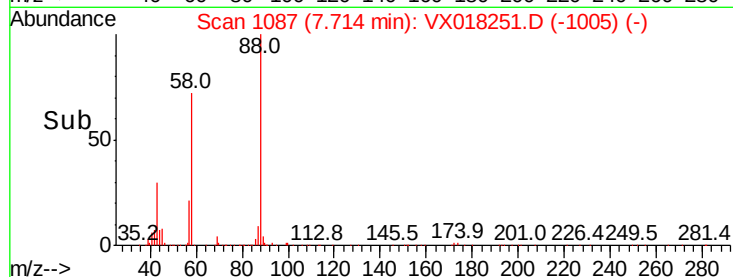
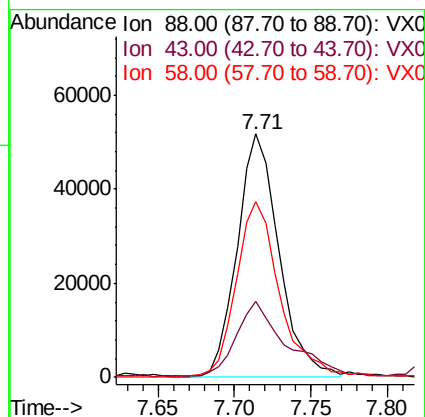
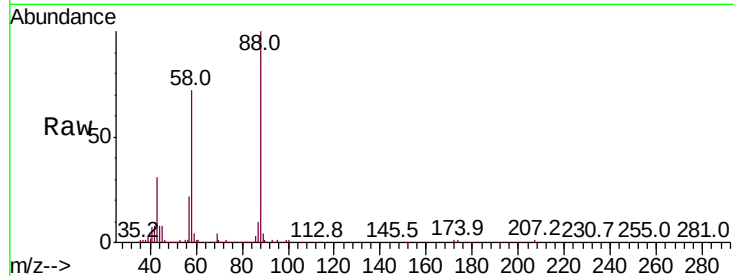
ClientSampleId :

VSTDIC050

Tot Ion:	88	Resp:	98087
Ion Ratio	Lower	Upper	
88	100		
43	36.3	13.6	20.4#
58	74.1	58.2	87.4

Manual Integrations
APPROVED

MMDadoda
9/8/2020 5:16:50 PM



#46

Methyl methacrylate

Concen: 58.727 ug/l

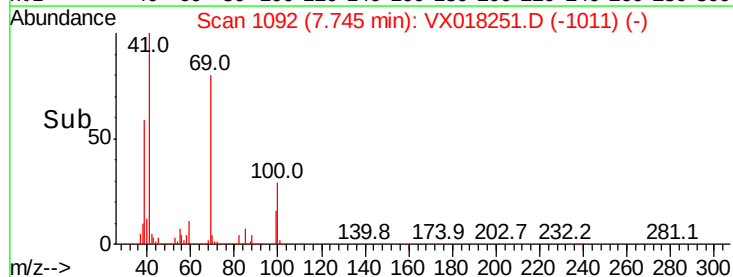
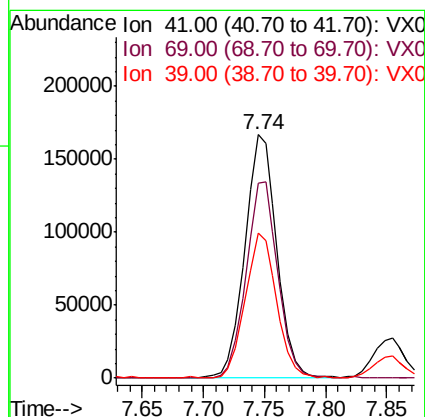
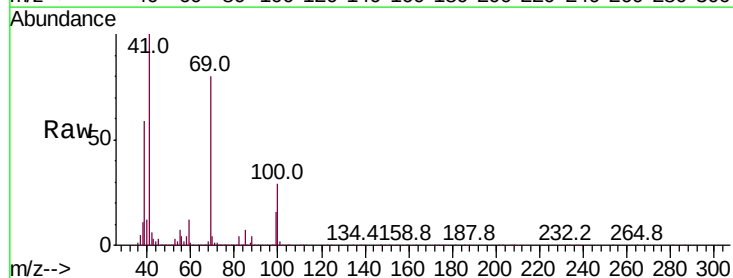
RT: 7.74 min Scan# 1092

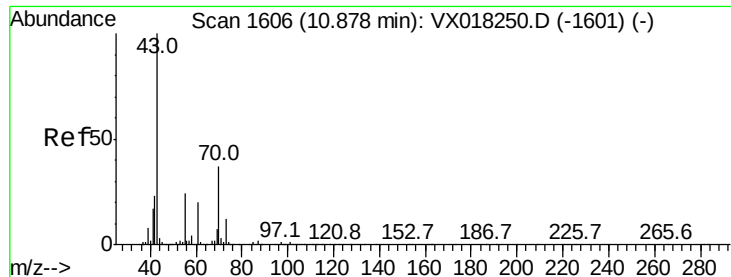
Delta R.T. -0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	41	Resp:	300351
Ion Ratio	Lower	Upper	
41	100		
69	79.8	40.3	120.8
39	59.2	27.3	81.9





#47

n-amyl Acetate

Concen: 62.547 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampled :

VSTDIC050

Tot Ion: 43 Resp: 543919

Ion Ratio Lower Upper

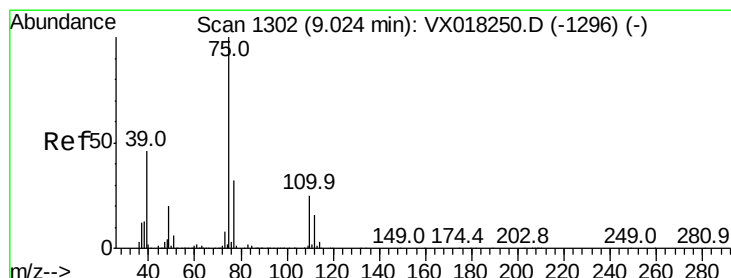
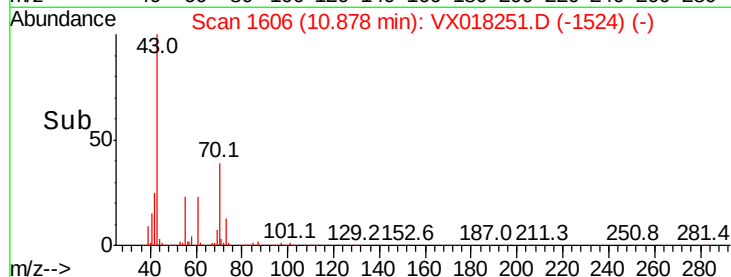
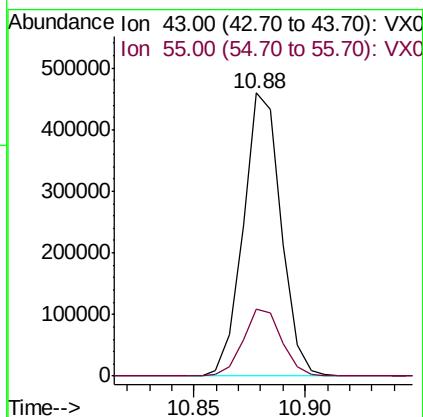
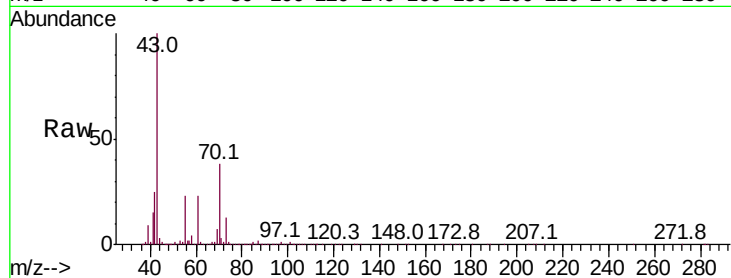
43 100

55 23.9 18.9 28.3

Manual Integrations
APPROVED

MMDadoda

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#48

t-1,3-Dichloropropene

Concen: 57.535 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018251.D

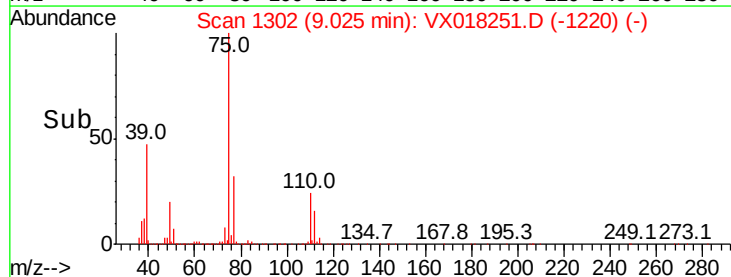
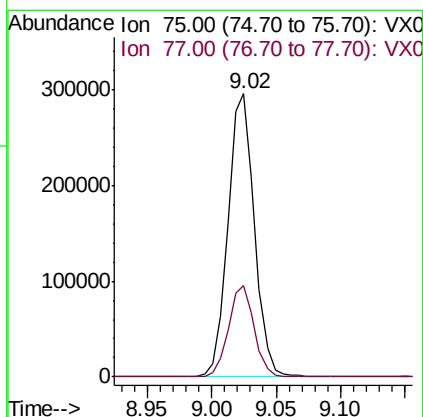
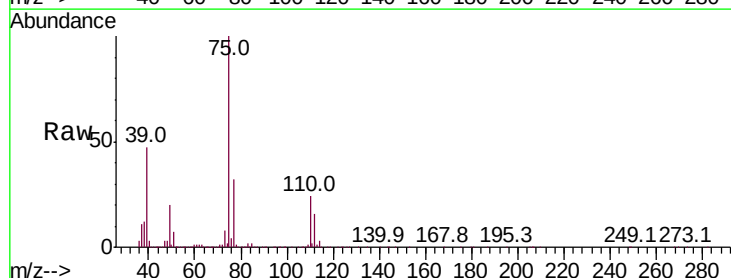
Acq: 04 Sep 2020 11:03

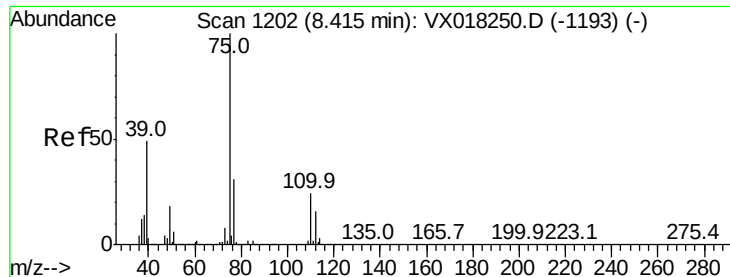
Tgt Ion: 75 Resp: 424124

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2





#49

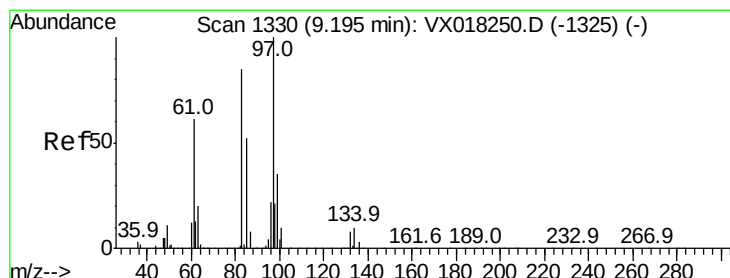
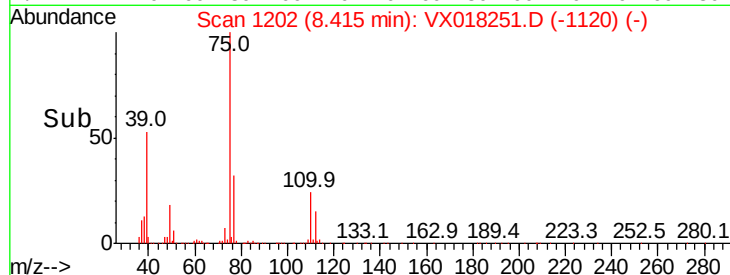
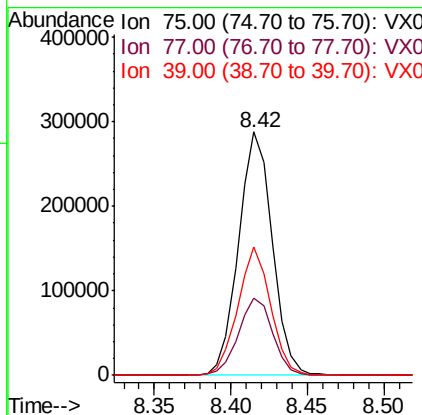
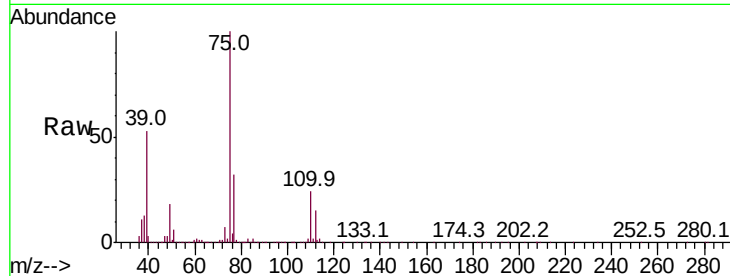
cis-1,3-Dichloropropene
 Concen: 55.383 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.7	37.1
39	52.8	39.6	59.4

Manual Integrations
 APPROVED

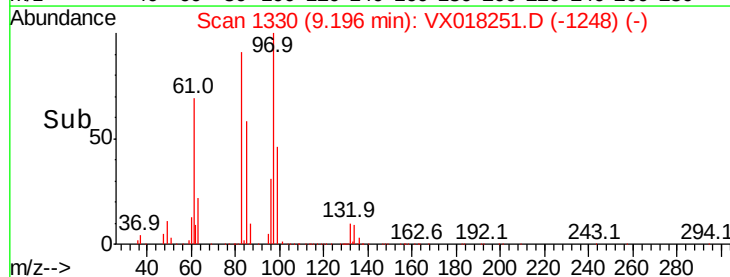
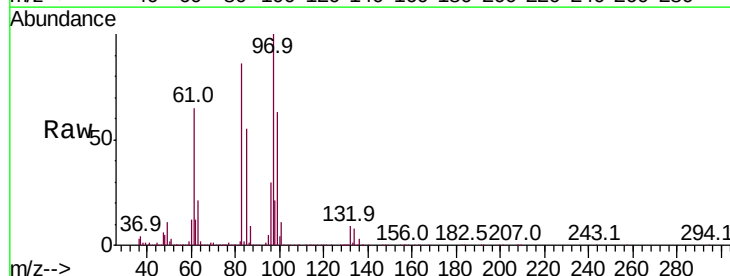
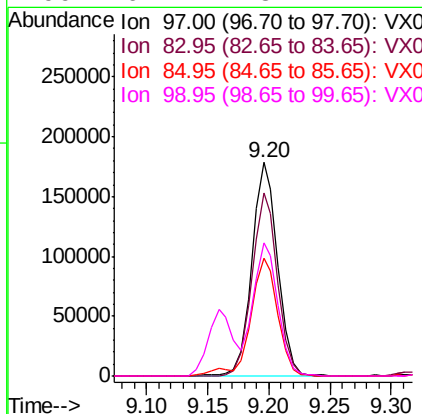
MMDadoda
 9/8/2020 5:16:50 PM

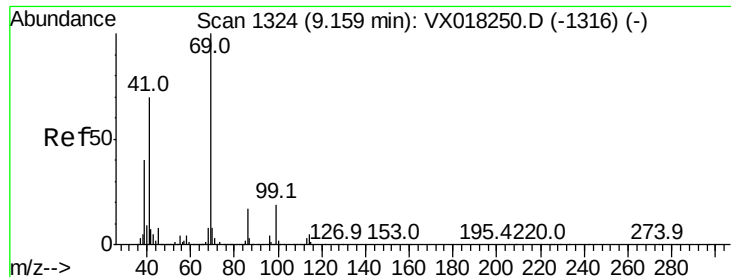


#50

1,1,2-Trichloroethane
 Concen: 58.625 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.1	102.1
85	54.9	42.6	64.0
99	62.4	48.2	72.2





#51

Ethyl methacrylate

Concen: 58.717 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

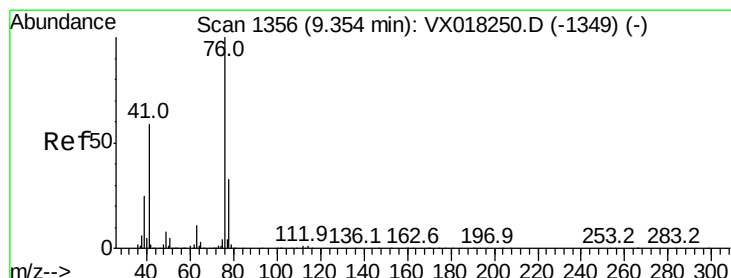
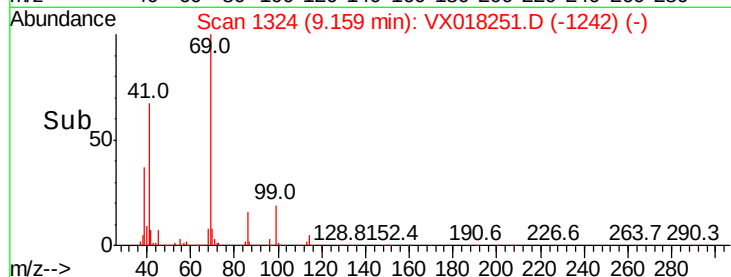
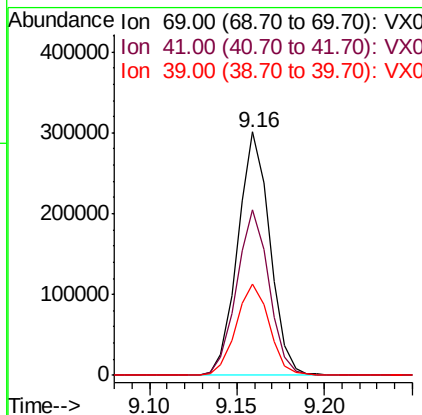
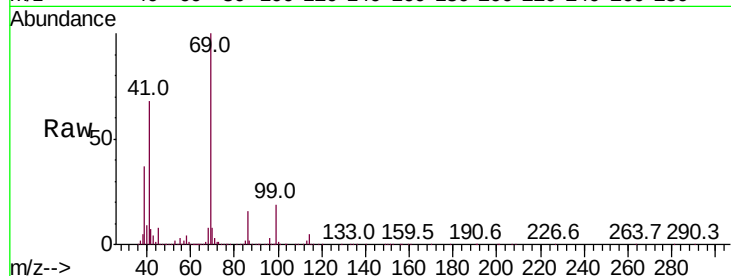
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	383794
Ion Ratio	Lower	Upper	
69	100		
41	67.9	34.9	104.7
39	37.3	19.8	59.3

Manual Integrations
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9/8/2020 5:16:50 PM



#52

1,3-Dichloropropane

Concen: 58.922 ug/l

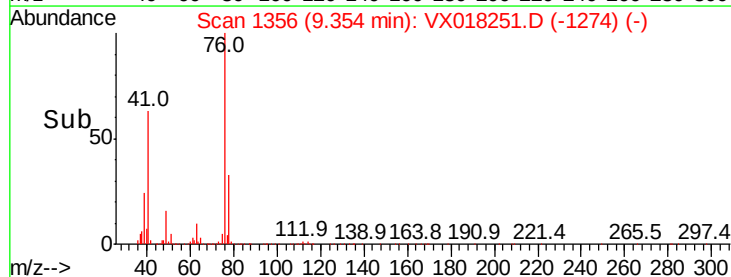
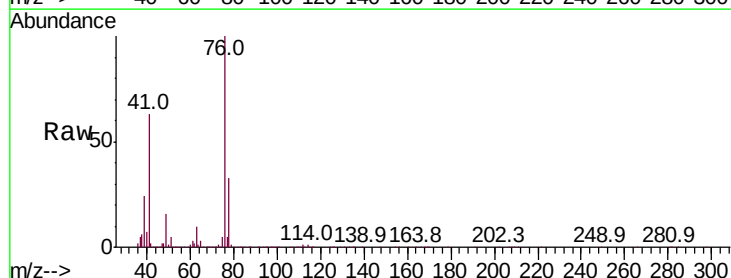
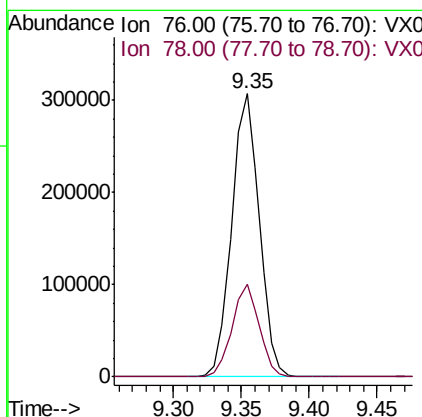
RT: 9.35 min Scan# 1356

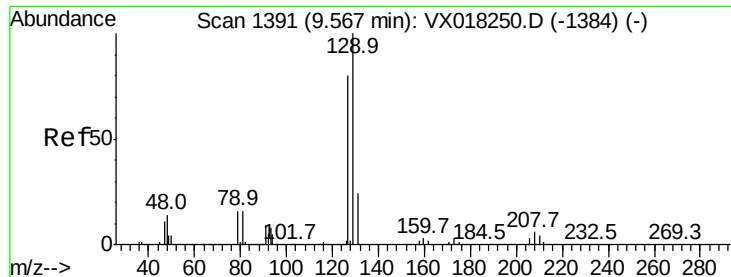
Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	76	Resp:	433787
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	62.2





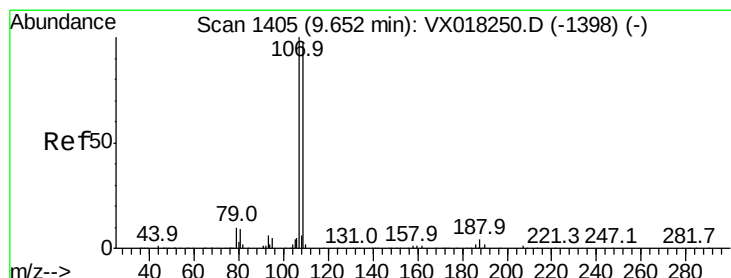
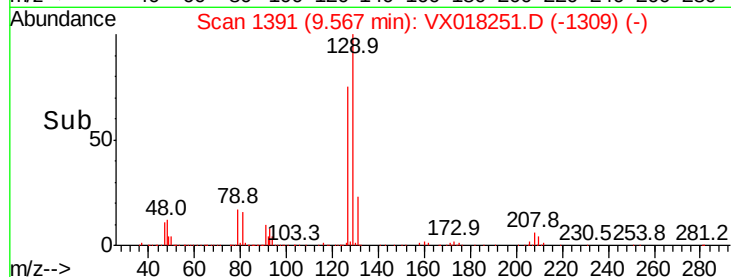
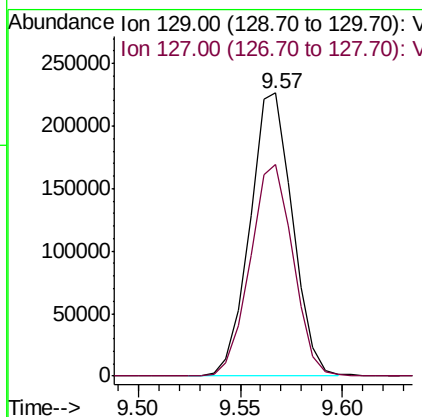
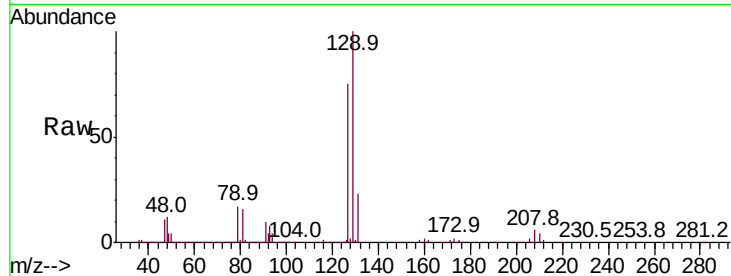
#53
Dibromochloromethane
Concen: 57.849 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
129	100	329361		
127	75.3	38.9	116.6	

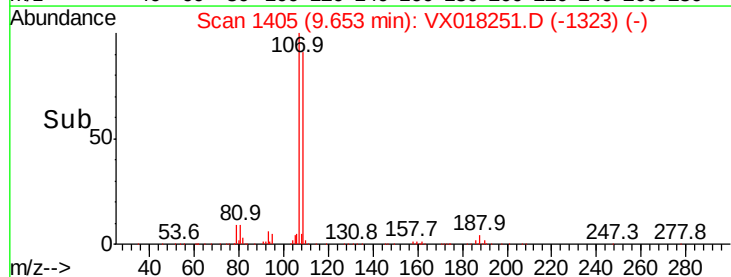
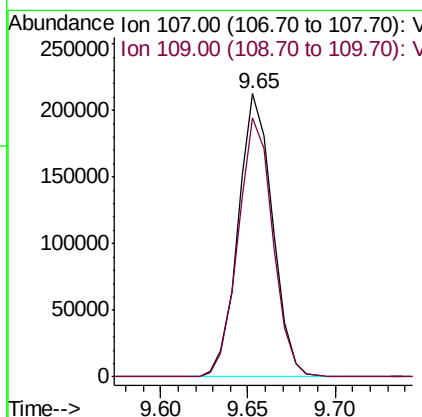
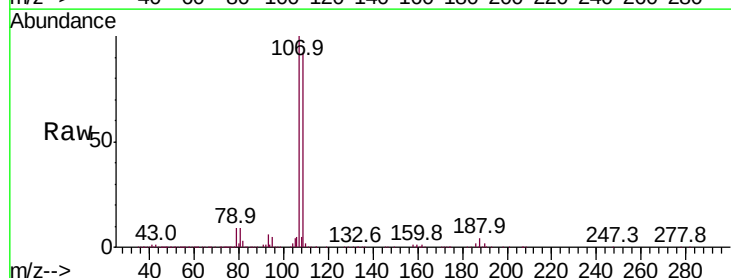
Manual Integrations
APPROVED

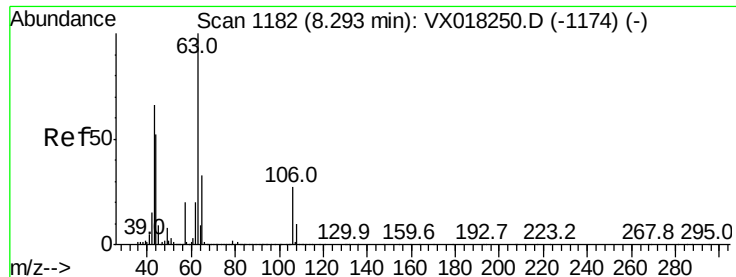
MMDadoda
9/8/2020 5:16:50 PM



#54
1,2-Dibromoethane
Concen: 58.837 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	289119		
109	92.7	77.8	116.6	





#55

2-Chloroethyl vinyl ether

Concen: 287.678 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 63 Resp: 1017720

Ion Ratio Lower Upper

63 100

65 32.8 26.0 39.0

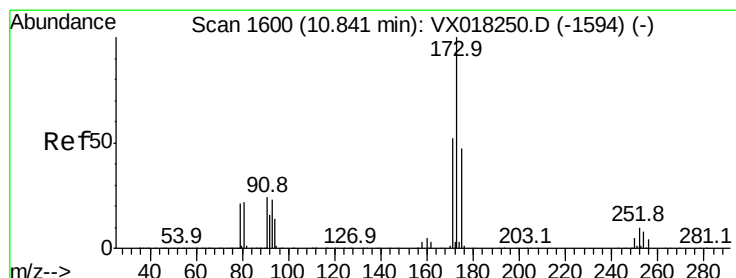
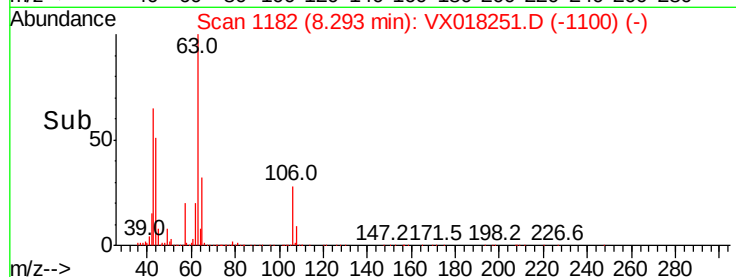
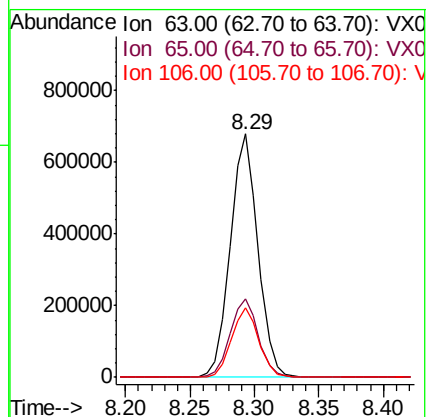
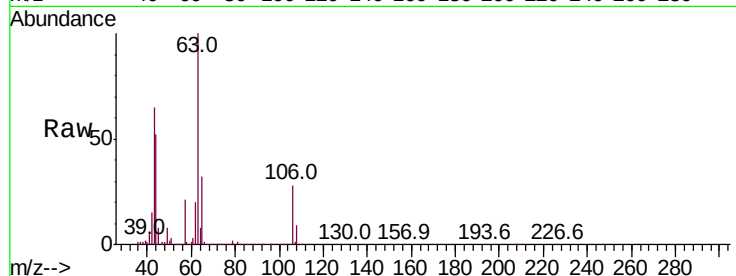
106 28.4 22.3 33.5

Manual Integrations

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#56

Bromoform

Concen: 61.269 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

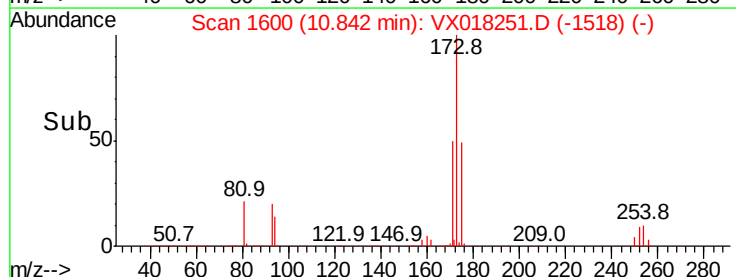
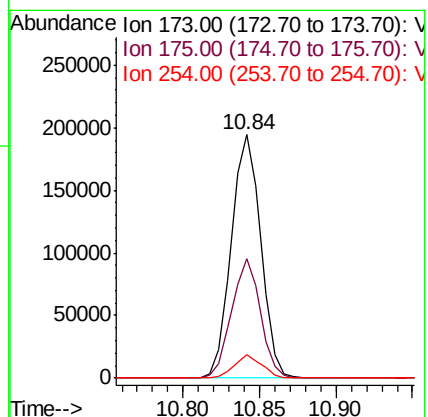
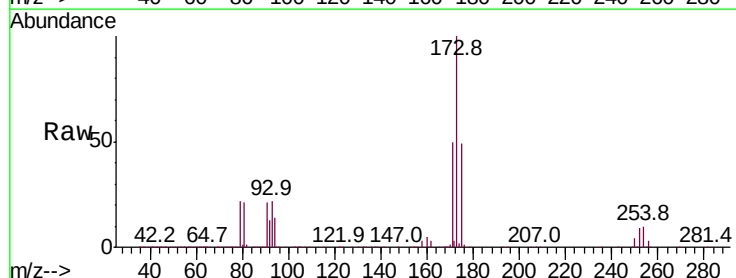
Tgt Ion: 173 Resp: 258755

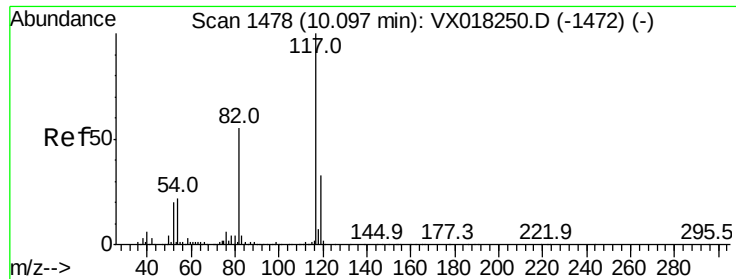
Ion Ratio Lower Upper

173 100

175 47.9 40.2 60.2

254 8.9 7.3 10.9





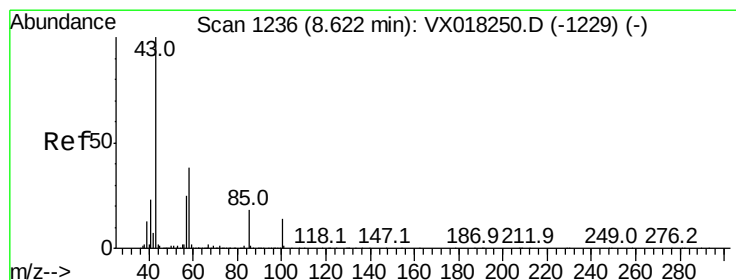
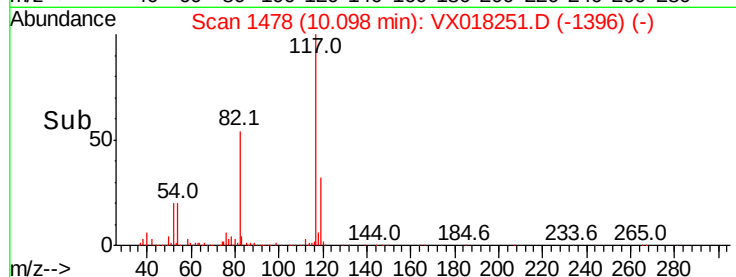
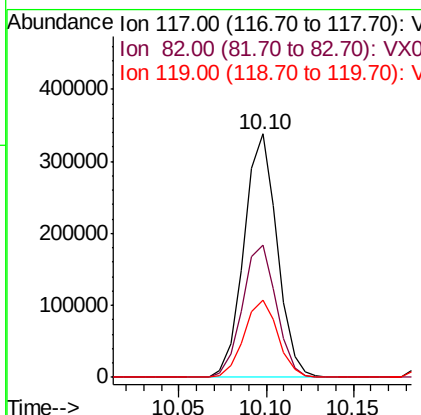
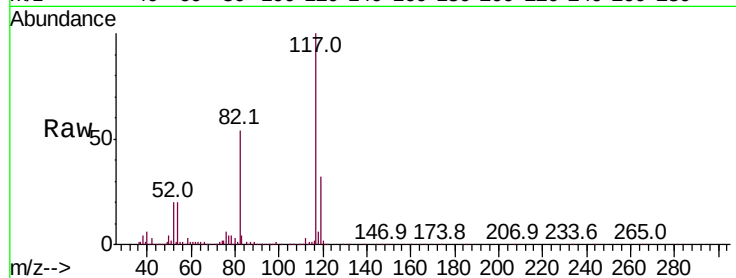
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.2	66.4
119	32.5	26.1	39.1

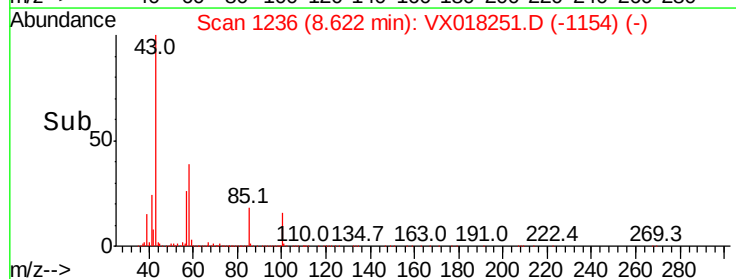
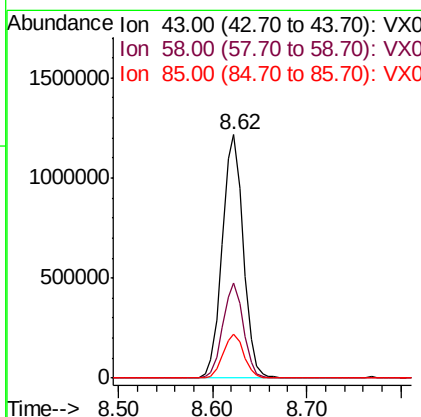
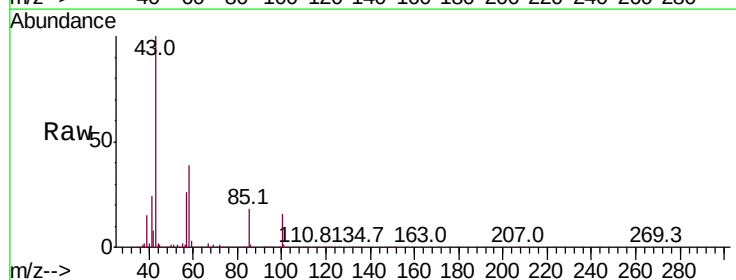
Manual Integrations
APPROVED

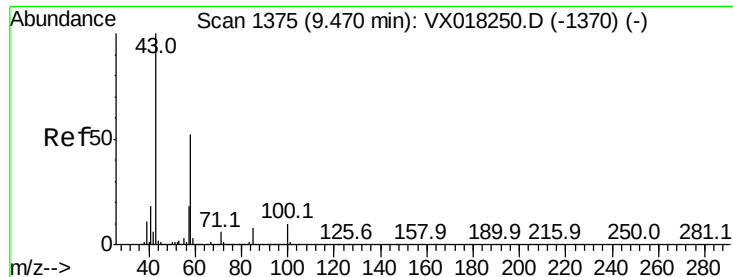
MMDadoda
9/8/2020 5:16:50 PM



#58
4-Methyl-2-Pentanone
Concen: 288.397 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.0	45.0
85	17.9	14.2	21.4





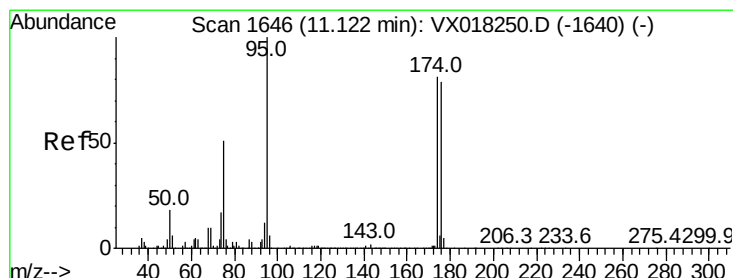
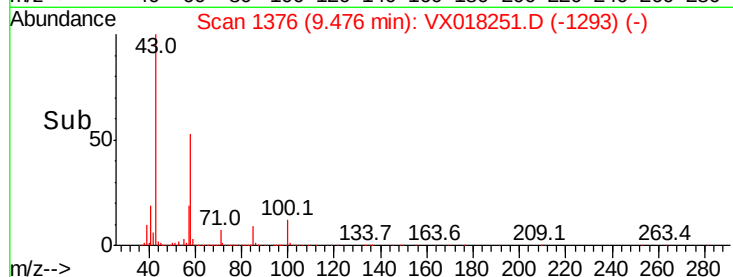
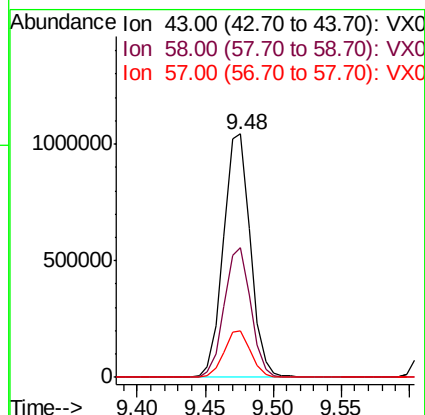
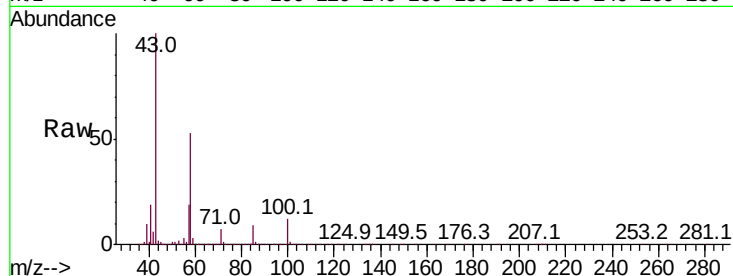
#59
2-Hexanone
Concen: 302.392 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.3	42.5	63.7
57	18.9	14.8	22.2

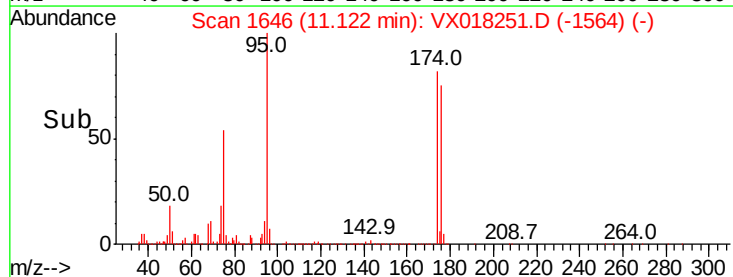
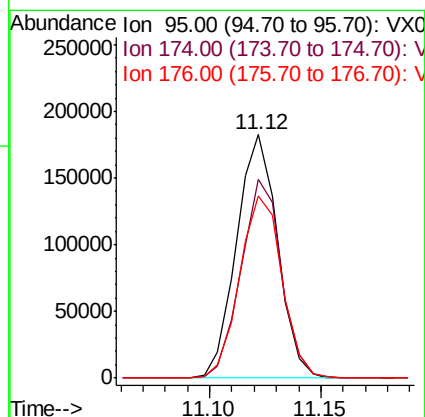
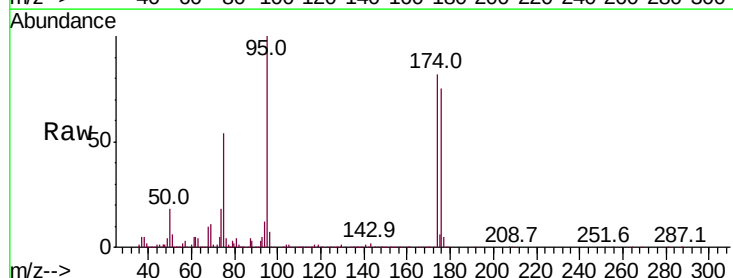
Manual Integrations
APPROVED

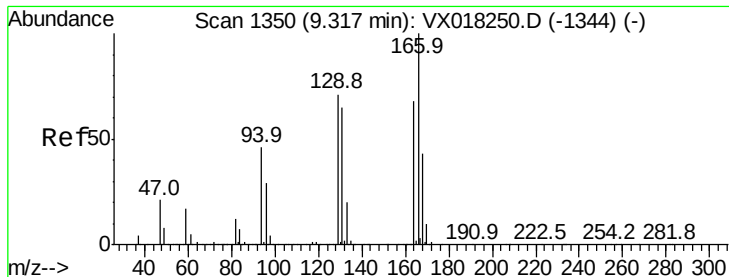
MMDadoda
9/8/2020 5:16:50 PM



#60
4-Bromofluorobenzene
Concen: 31.162 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	64.2	96.4
176	77.7	62.2	93.4





#61

Tetrachloroethene

Concen: 52.379 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:164 Resp: 260953

Ion Ratio Lower Upper

164 100

166 129.4 117.4 176.0

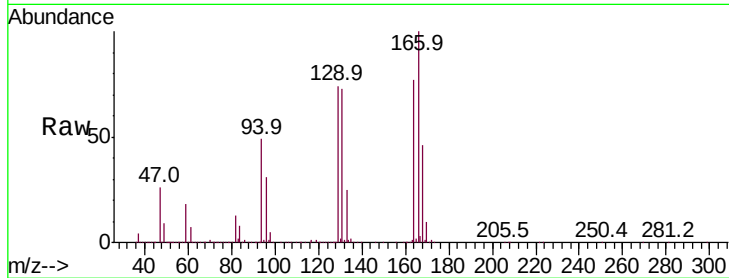
129 95.6 82.7 124.1

131 94.3 76.7 115.1

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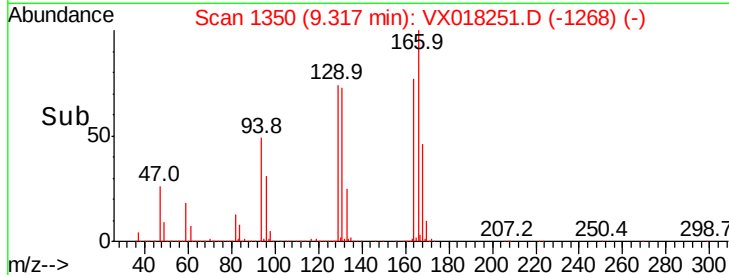


Abundance Ion 163.85 (163.55 to 164.55): V

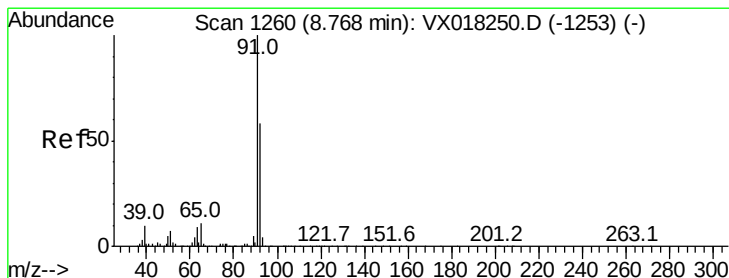
Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



Time-->



#62

Toluene

Concen: 58.897 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018251.D

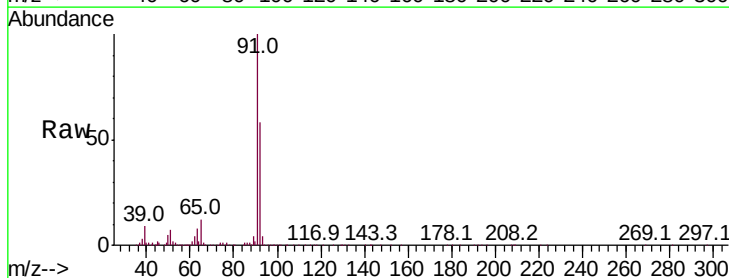
Acq: 04 Sep 2020 11:03

Tgt Ion: 91 Resp: 1087239

Ion Ratio Lower Upper

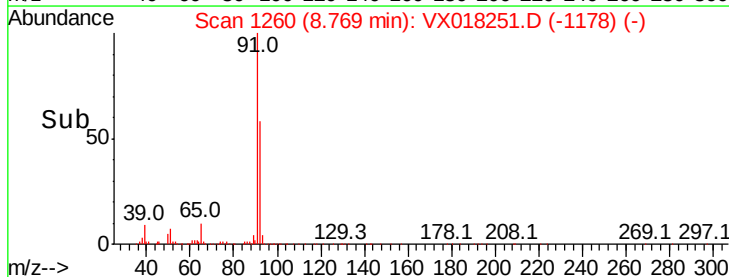
91 100

92 57.6 46.9 70.3

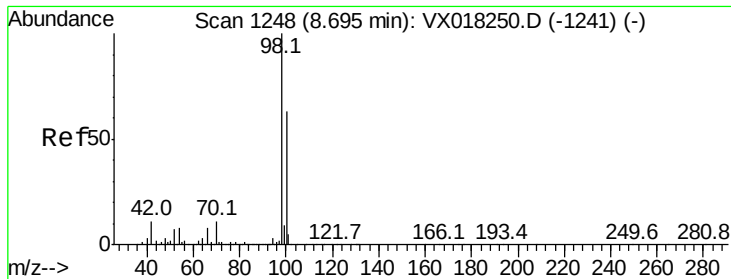


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



Time-->



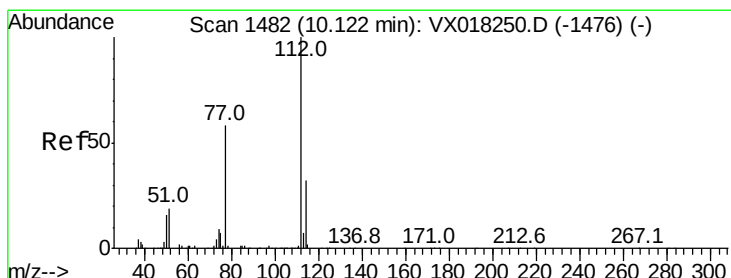
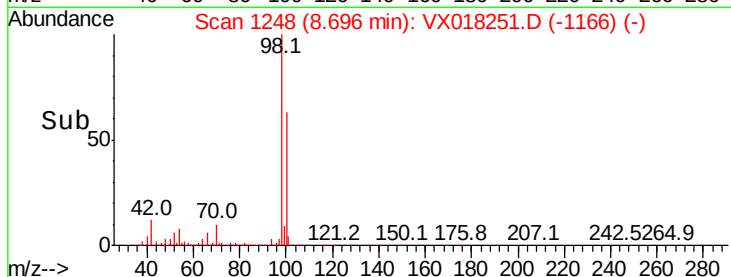
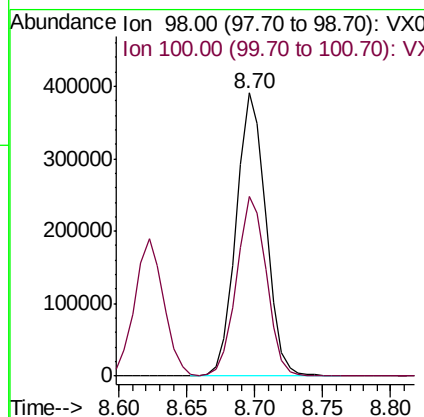
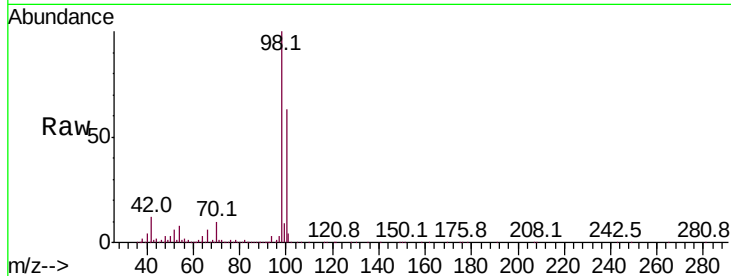
#63
Toluene-d8
Concen: 30.751 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.0

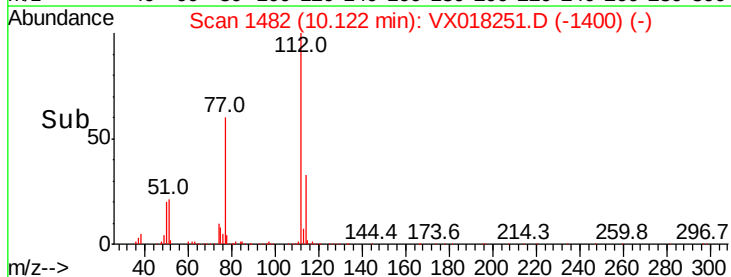
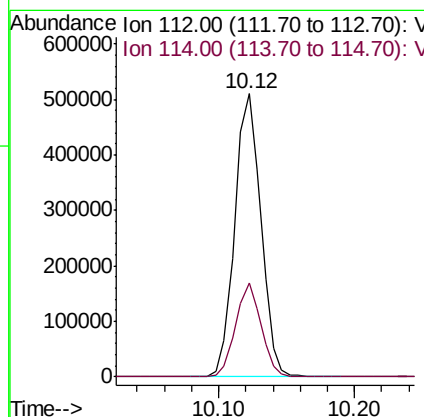
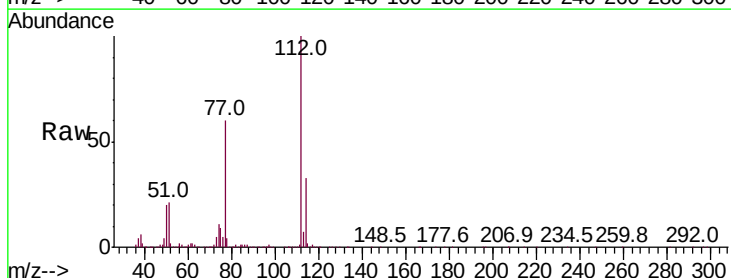
Manual Integrations
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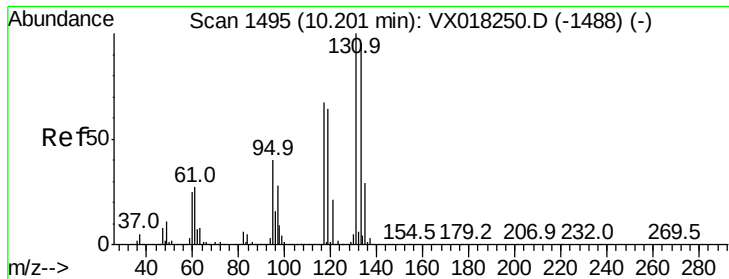
MMDadoda
9/8/2020 5:16:50 PM



#64
Chlorobenzene
Concen: 55.415 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.8	38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 55.106 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

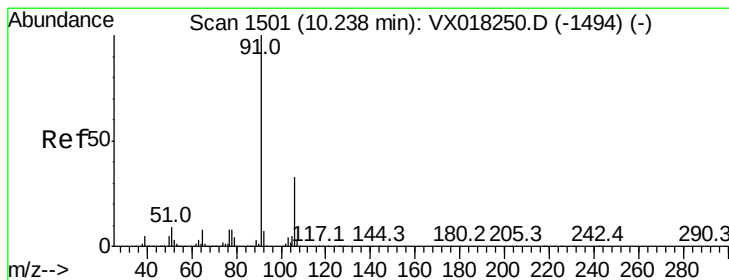
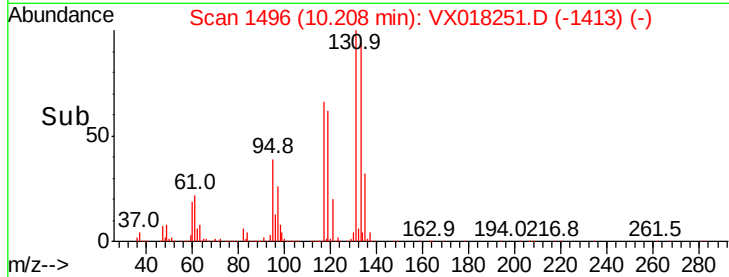
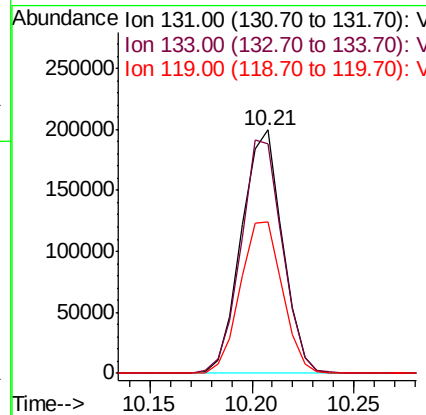
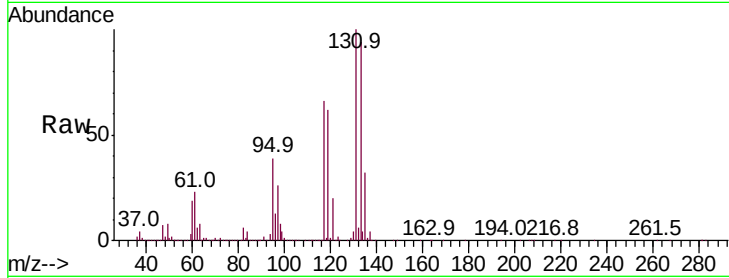
ClientSampled :

VSTDIC050

Tot Ion:	131	Resp:	277735
Ion Ratio	Lower	Upper	
131	100		
133	97.5	0.0	197.2
119	64.2	0.0	129.8

Manual Integrations
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#66

Ethyl Benzene

Concen: 59.388 ug/l

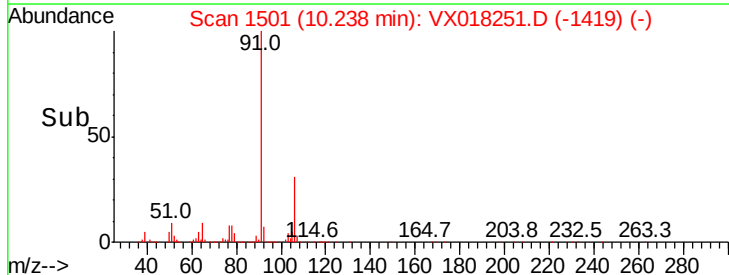
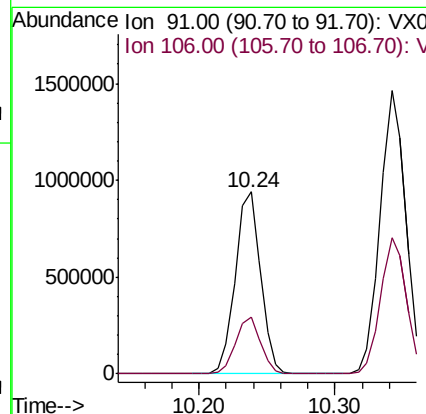
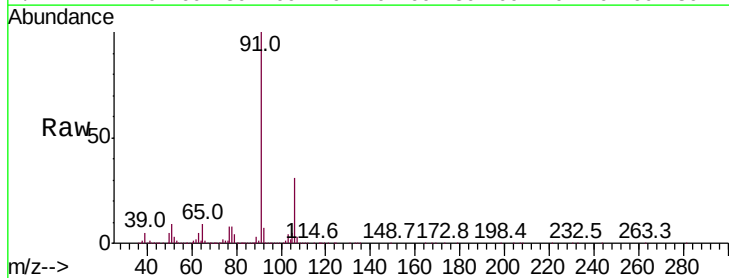
RT: 10.24 min Scan# 1501

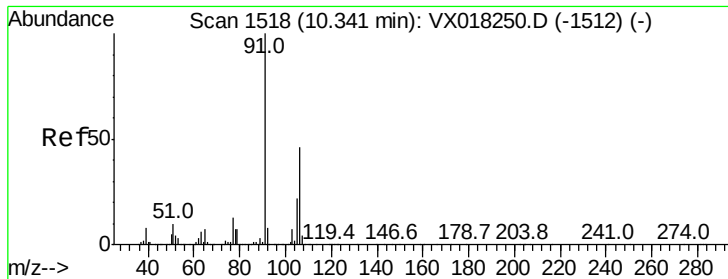
Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	91	Resp:	1219132
Ion Ratio	Lower	Upper	
91	100		
106	30.9	26.3	39.5





#67

m/p-Xylenes

Concen: 120.293 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:106 Resp: 929318

Ion Ratio Lower Upper

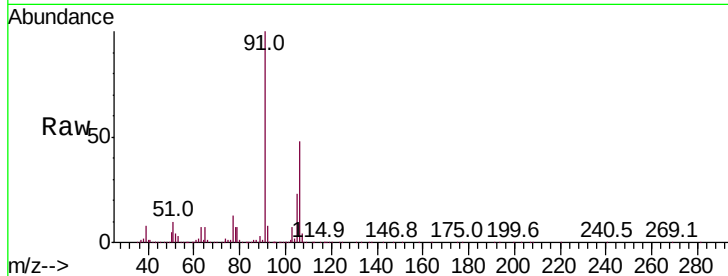
106 100

91 206.2 166.2 249.2

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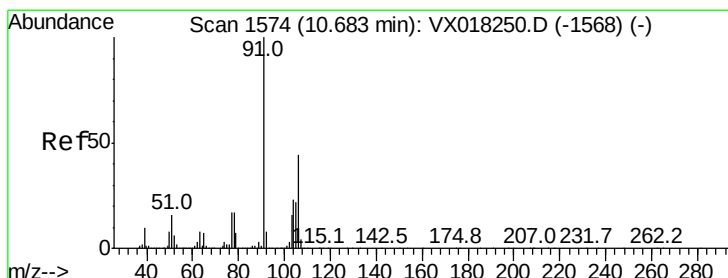
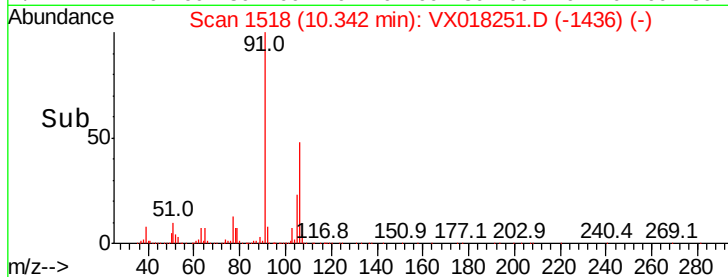
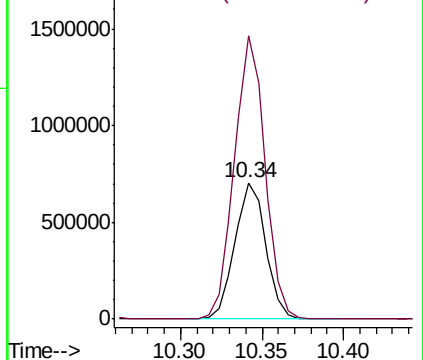
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 59.435 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018251.D

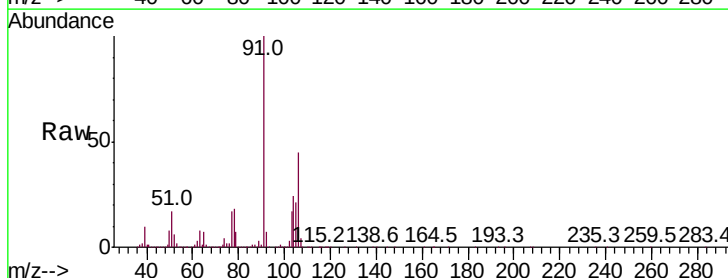
Acq: 04 Sep 2020 11:03

Tgt Ion:106 Resp: 447669

Ion Ratio Lower Upper

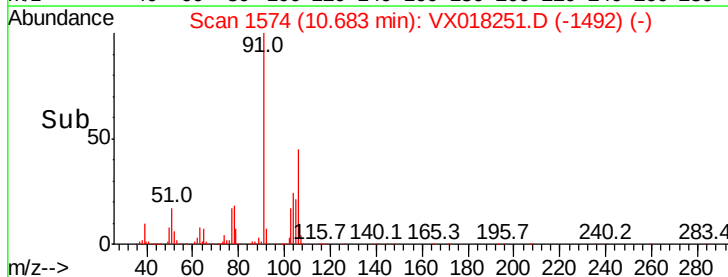
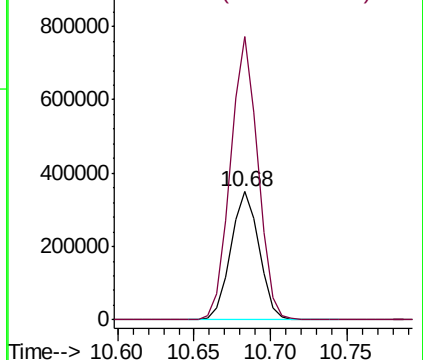
106 100

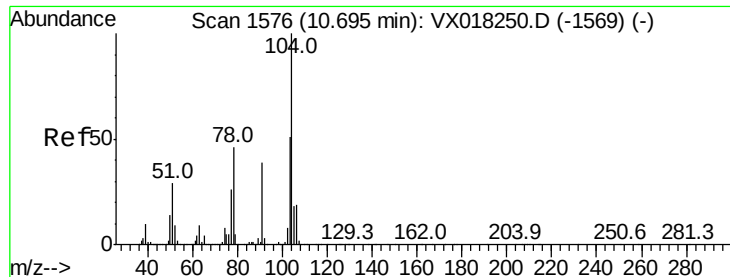
91 213.9 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





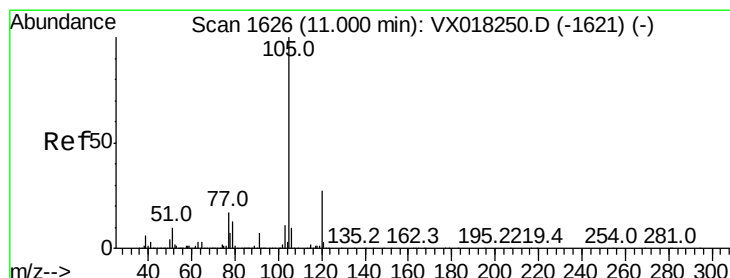
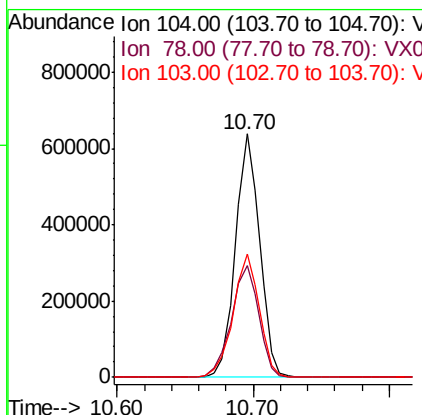
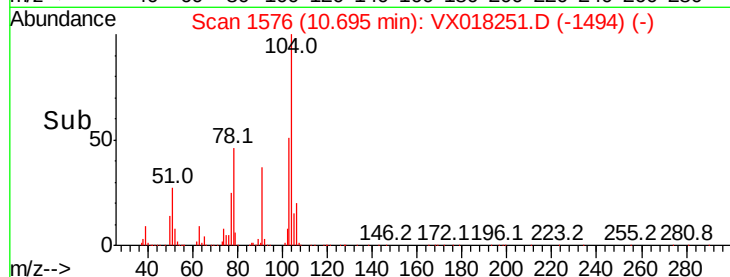
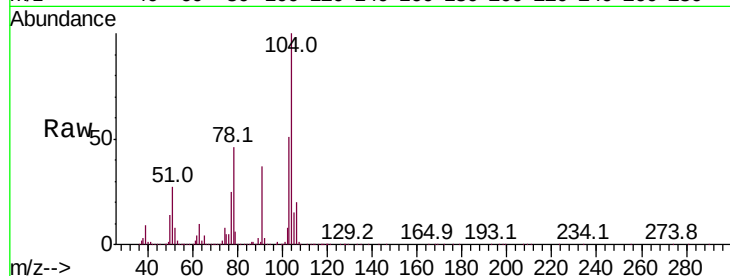
#69
Stvrene
Concen: 59.783 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.7	62.5
103	55.1	44.2	66.2

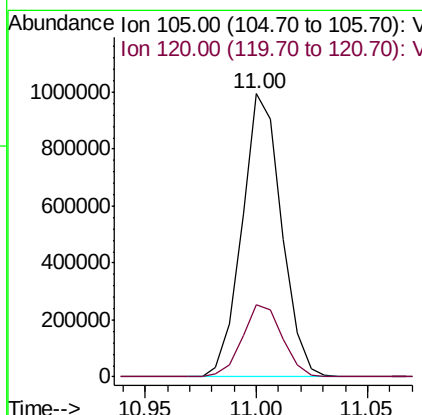
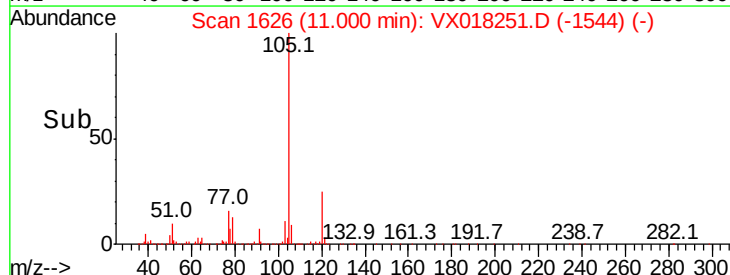
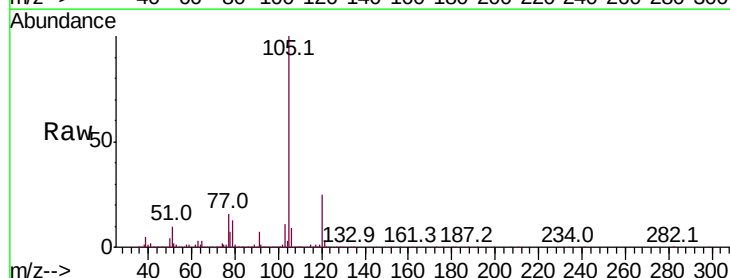
Manual Integrations
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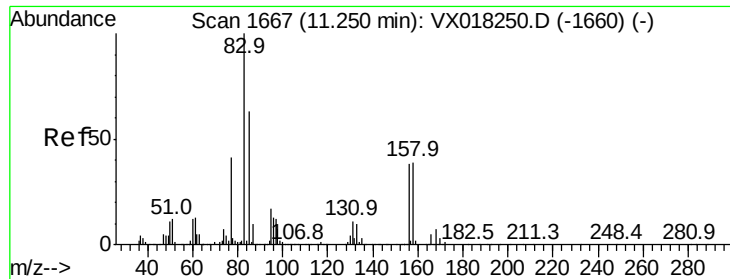
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#70
Isopropylbenzene
Concen: 56.693 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	18.7	34.7





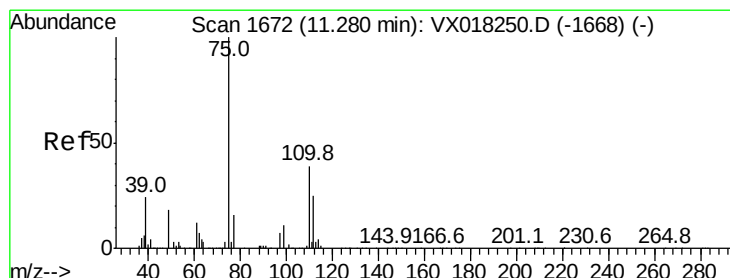
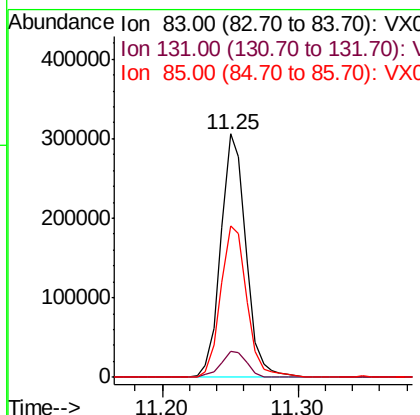
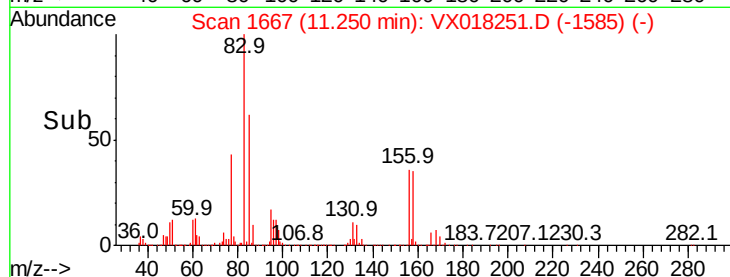
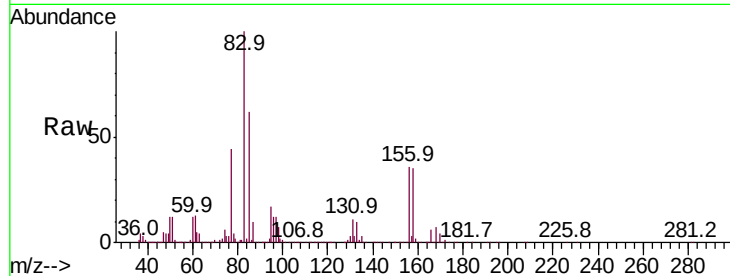
#71
 1,1,2,2-Tetrachloroethane
 Concen: 61.946 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	11.0	5.8	17.3	
85	64.4	31.3	93.9	

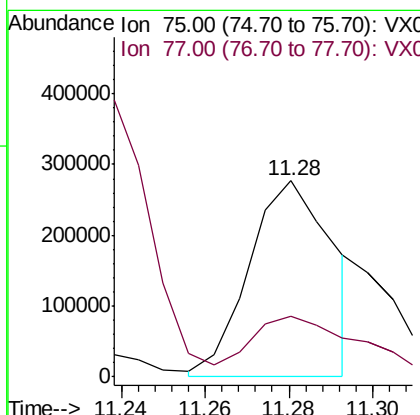
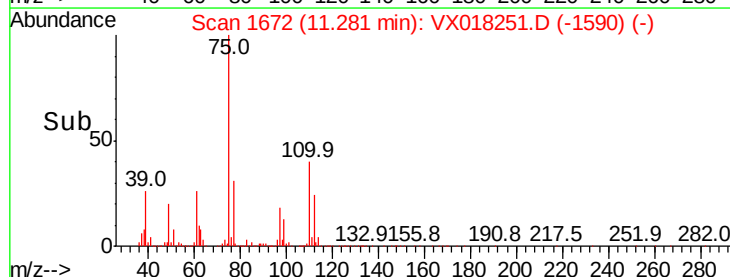
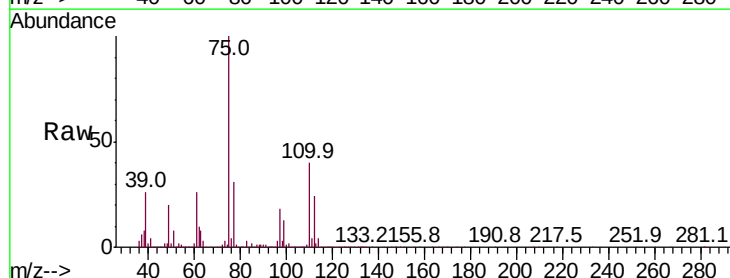
Manual Integrations
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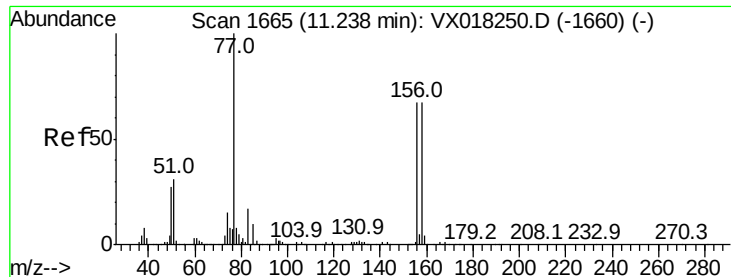
MMDadoda
 9/8/2020 5:16:50 PM



#72
 1,2,3-Trichloropropane
 Concen: 60.935 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	40.4	0.0	74.8	





#73

Bromobenzene

Concen: 55.587 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

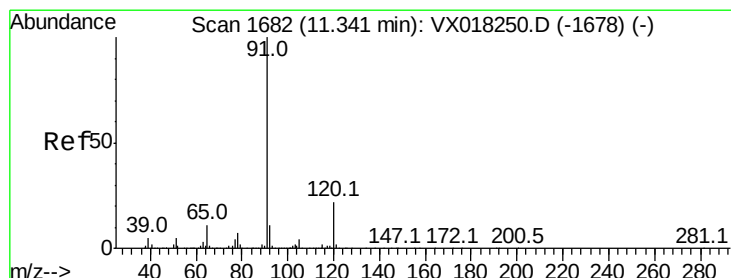
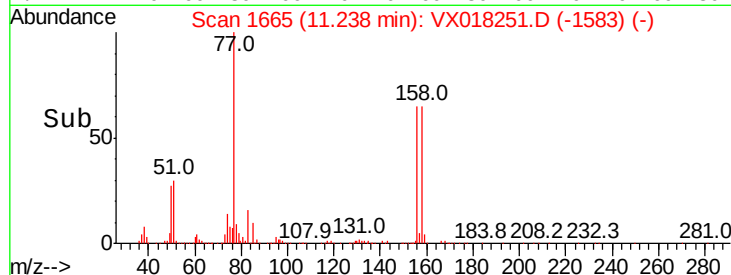
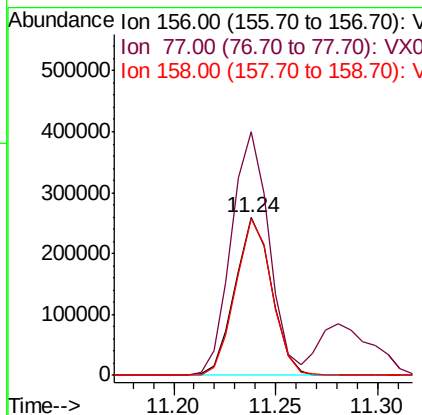
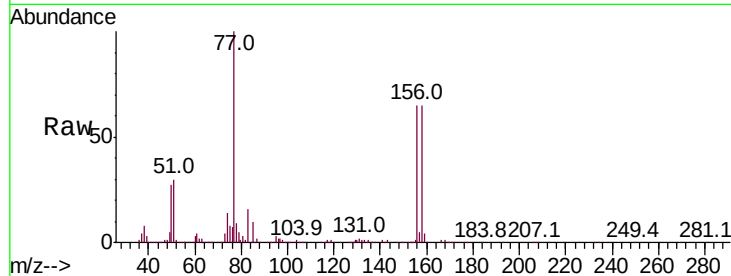
ClientSampleId :

VSTDIC050

Tot Ion:	156	Resp:	321957
Ion Ratio	Lower	Upper	
156	100		
77	159.4	0.0	311.0
158	98.7	0.0	194.4

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#74

n-propylbenzene

Concen: 57.571 ug/l

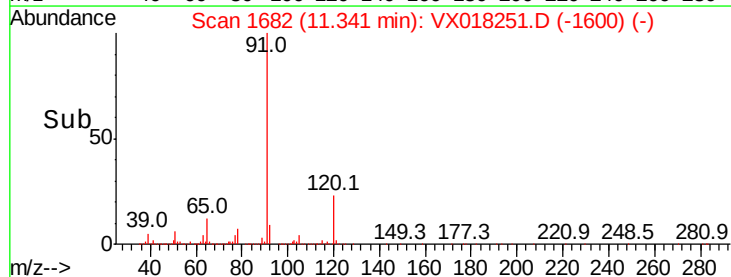
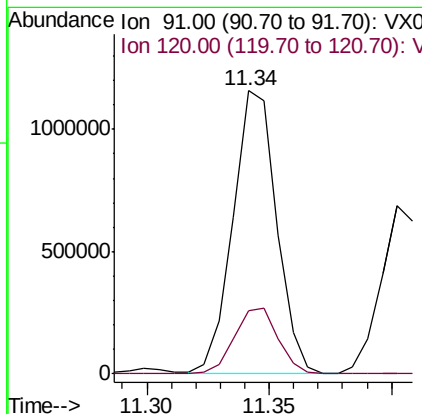
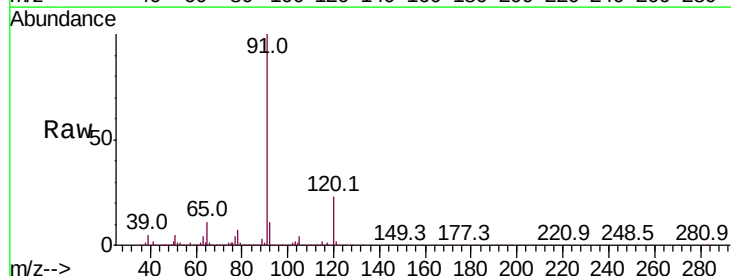
RT: 11.34 min Scan# 1682

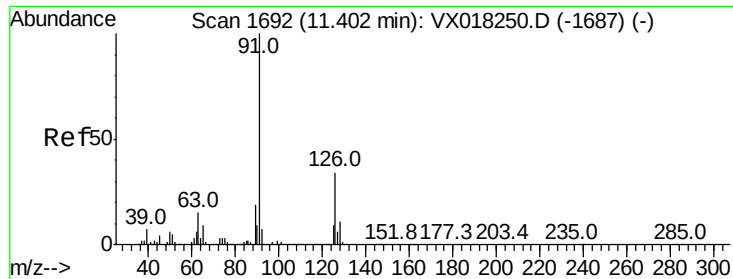
Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	91	Resp:	1441477
Ion Ratio	Lower	Upper	
91	100		
120	23.4	0.0	45.4





#75

2-Chlorotoluene

Concen: 56.625 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 859254

Ion Ratio Lower Upper

91 100

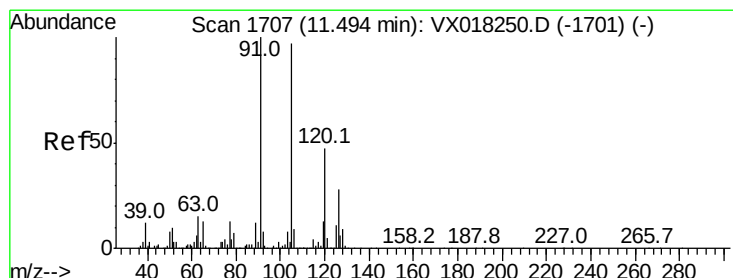
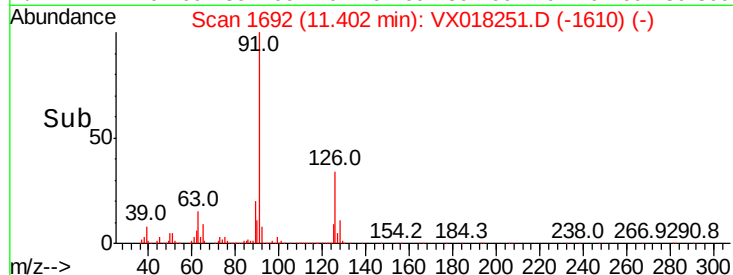
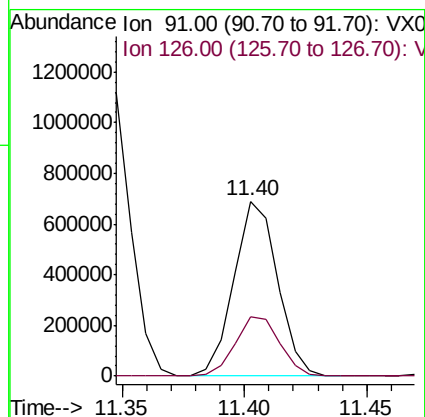
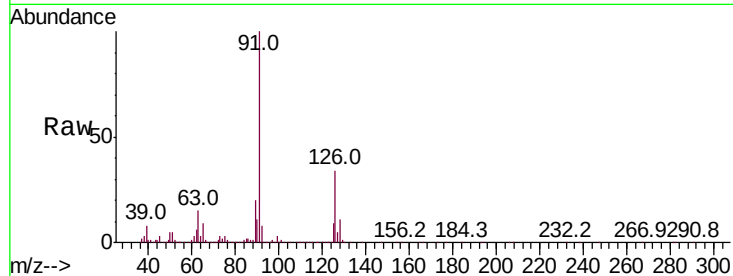
126 34.7 0.0 68.4

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 58.080 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018251.D

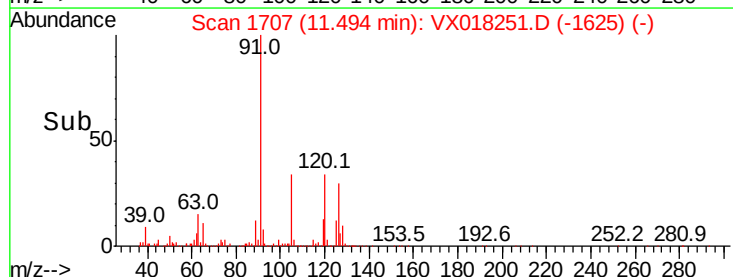
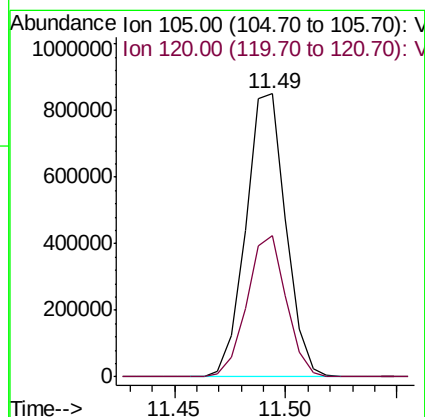
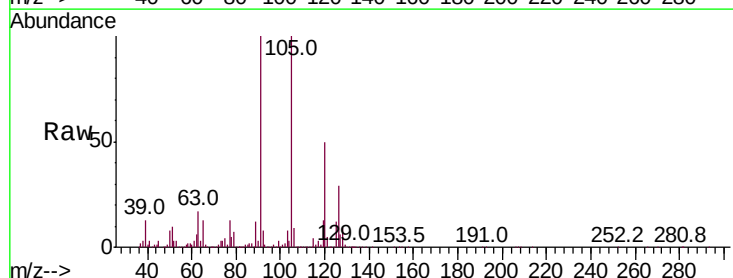
Acq: 04 Sep 2020 11:03

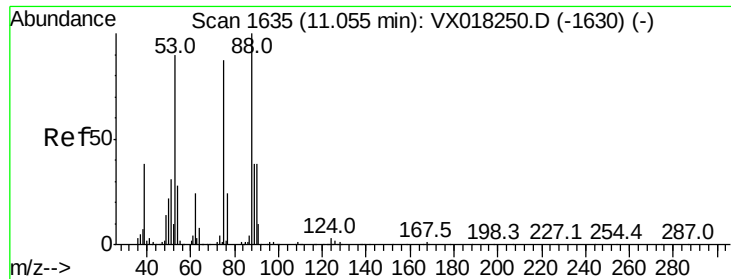
Tgt Ion: 105 Resp: 1067906

Ion Ratio Lower Upper

105 100

120 48.8 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 60.965 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018251.D

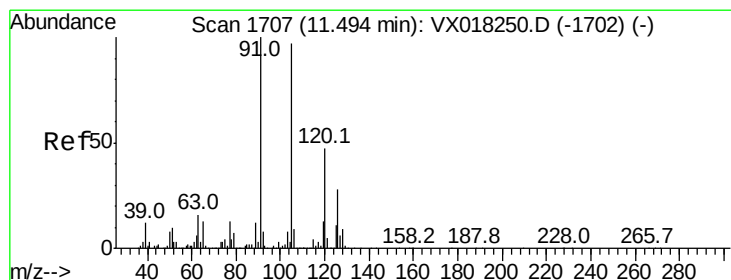
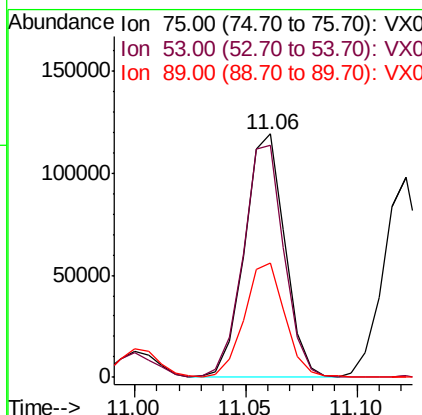
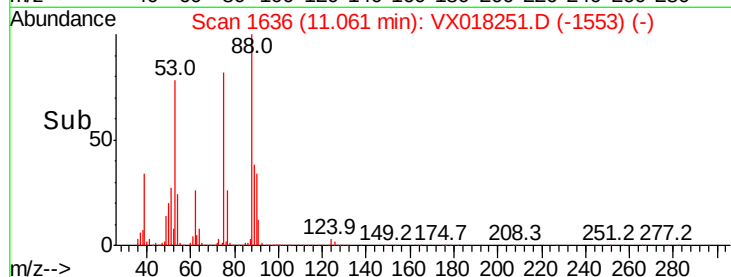
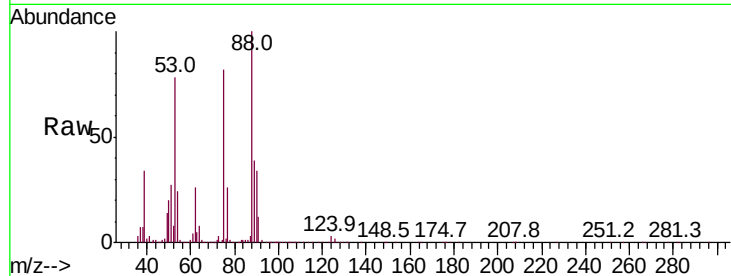
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.4	52.1	156.4
89	46.8	22.1	66.3

Manual Integrations
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#78

4-Chlorotoluene

Concen: 58.321 ug/l

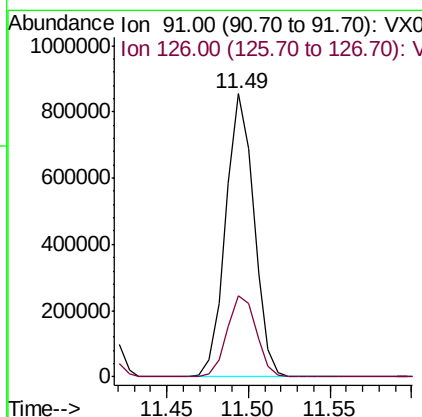
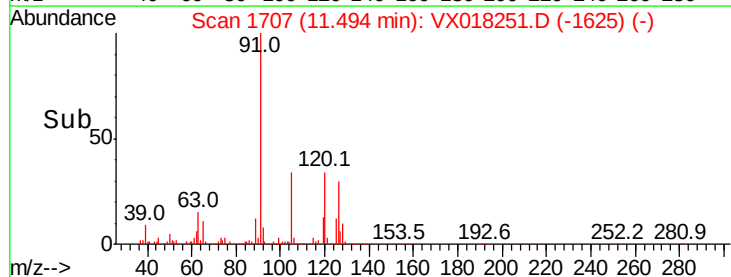
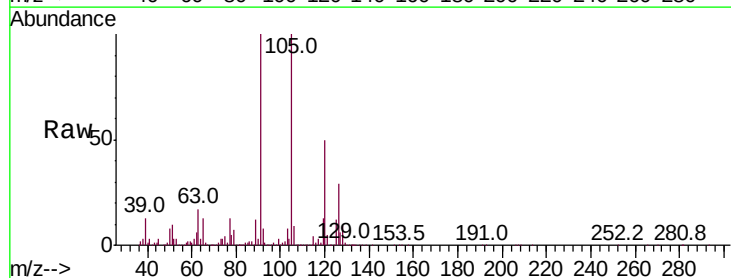
RT: 11.49 min Scan# 1707

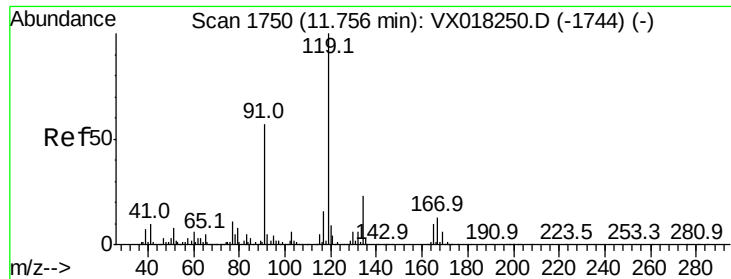
Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	0.0	59.2





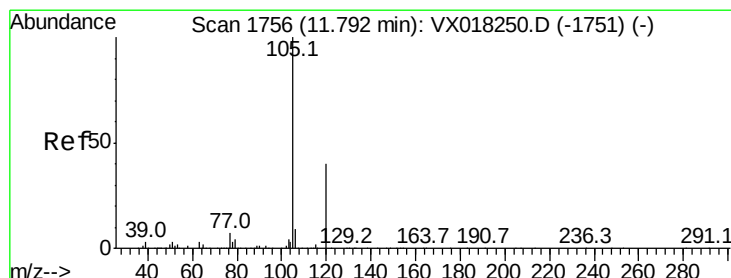
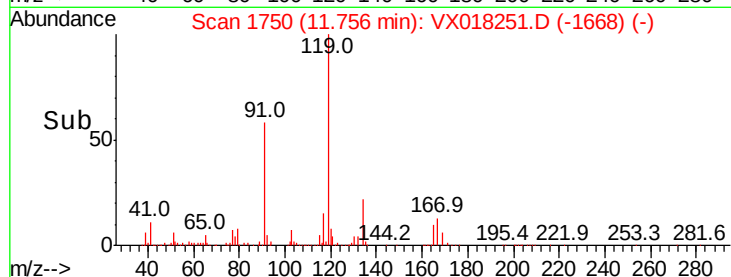
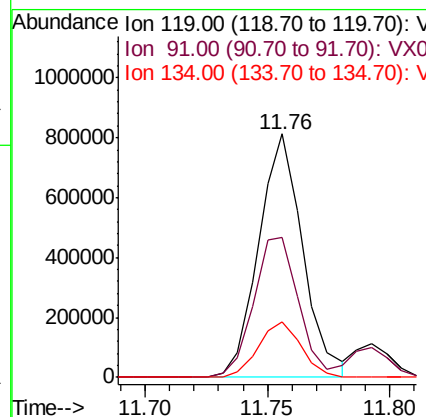
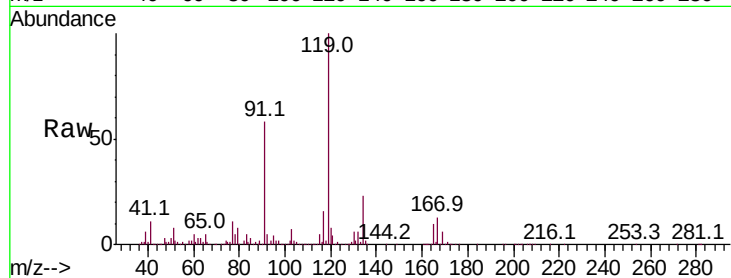
#79
tert-butylbenzene
Concen: 56.994 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	0.0	111.8
134	22.4	0.0	42.4

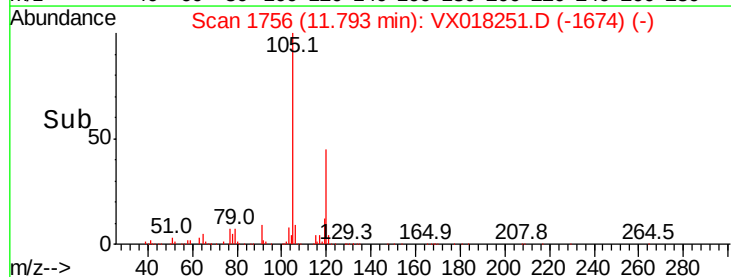
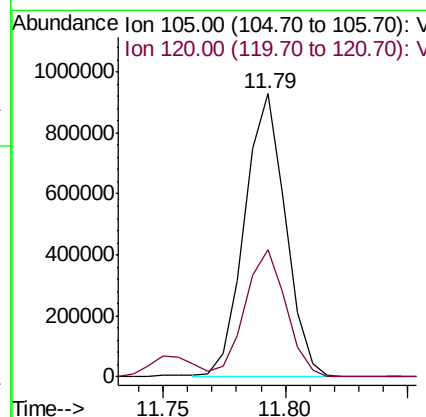
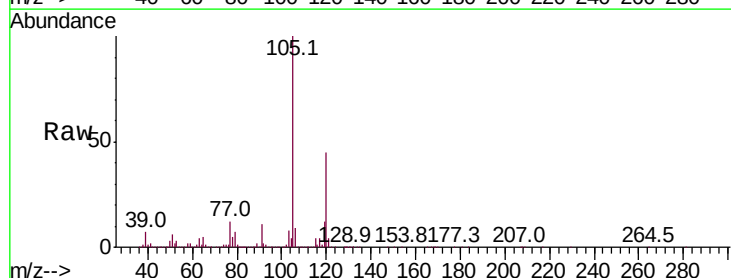
Manual Integrations
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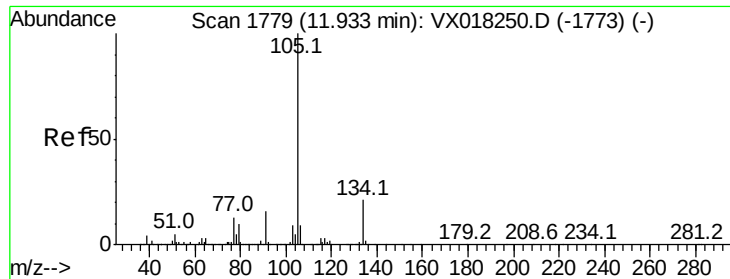
MMDadoda
9/8/2020 5:16:50 PM



#80
1,2,4-Trimethylbenzene
Concen: 56.345 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018251.D
Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	0.0	89.2





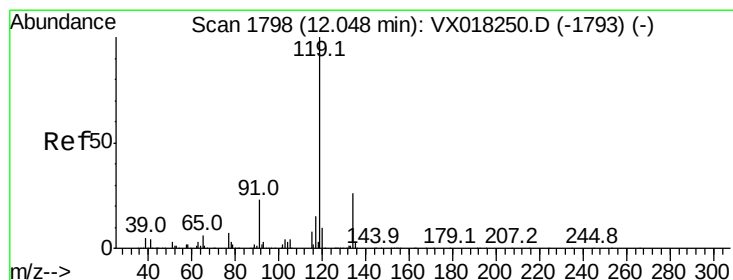
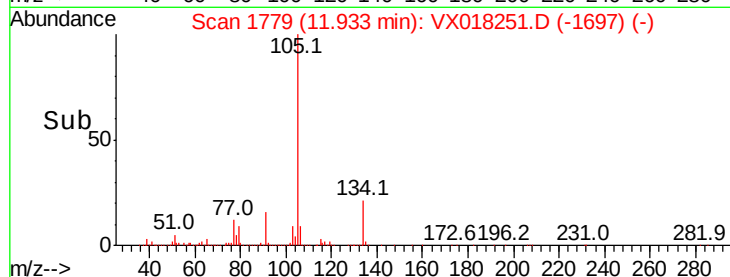
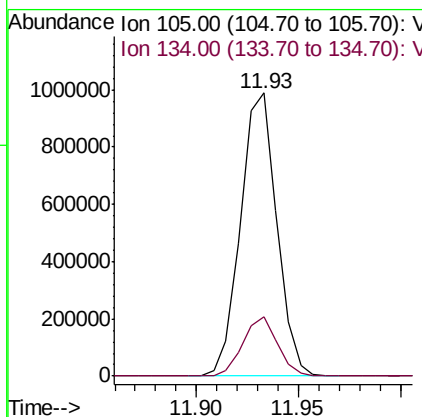
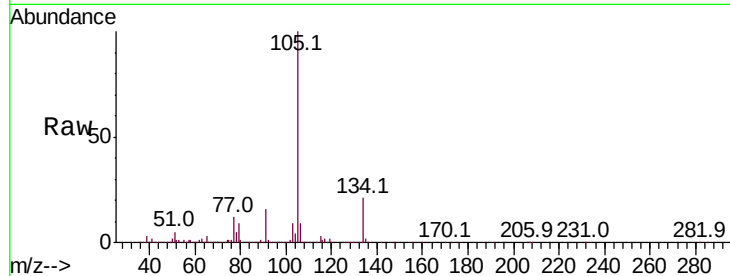
#81
 sec-Butylbenzene
 Concen: 56.913 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	0.0	40.0

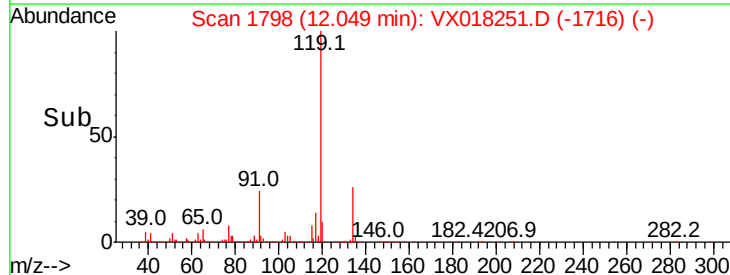
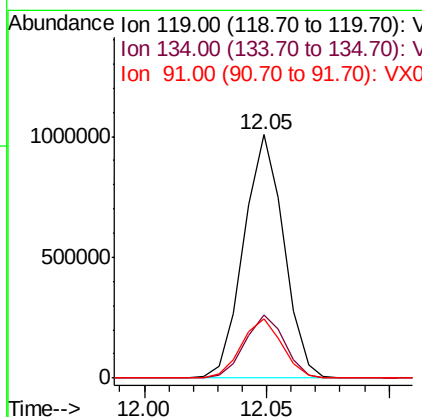
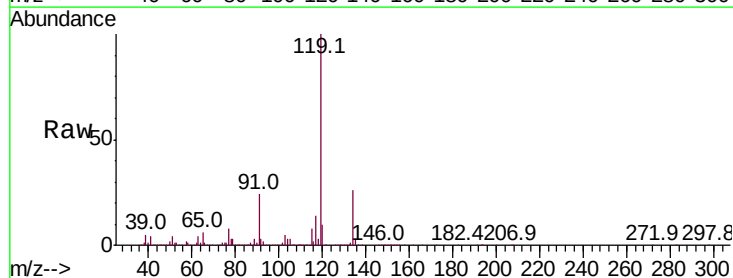
Manual Integrations
 APPROVED

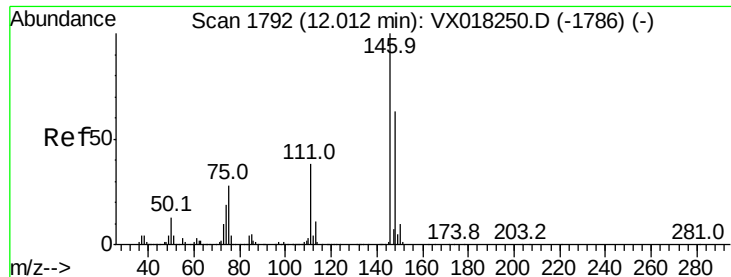
MMDadoda
 9/8/2020 5:16:50 PM



#82
 p-Isopropyltoluene
 Concen: 58.439 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	0.0	53.0
91	24.5	0.0	49.8





#83

1,3-Dichlorobenzene

Concen: 55.528 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

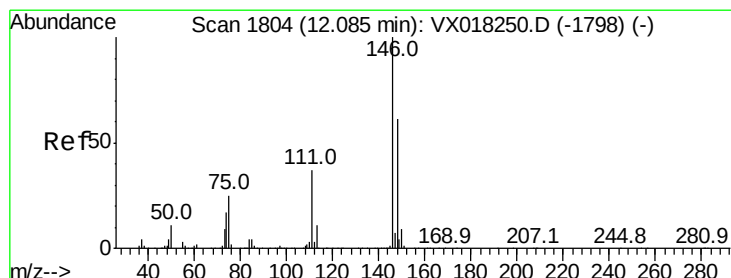
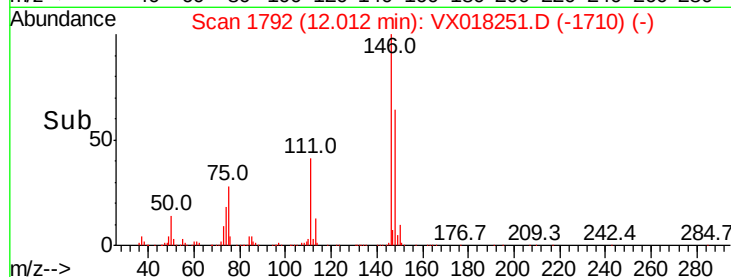
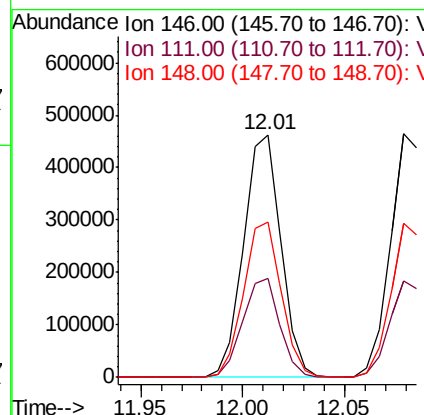
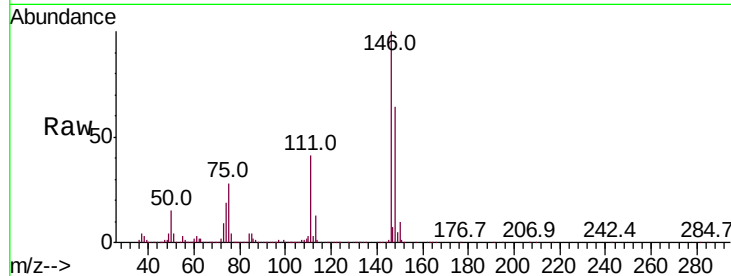
ClientSampled :

VSTDIC050

Tot Ion:	146	Resp:	589443
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.0	59.9
148	64.5	32.1	96.3

Manual Integrations
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#84

1,4-Dichlorobenzene

Concen: 55.908 ug/l

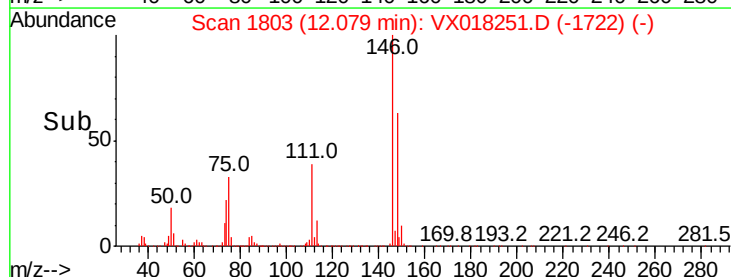
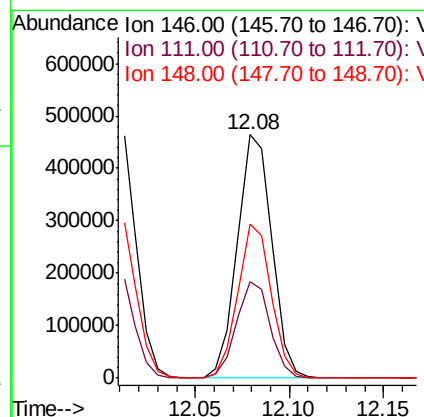
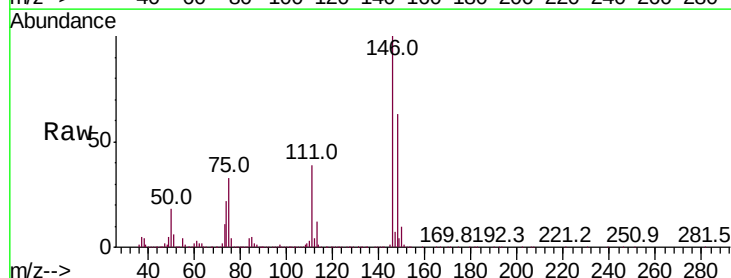
RT: 12.08 min Scan# 1803

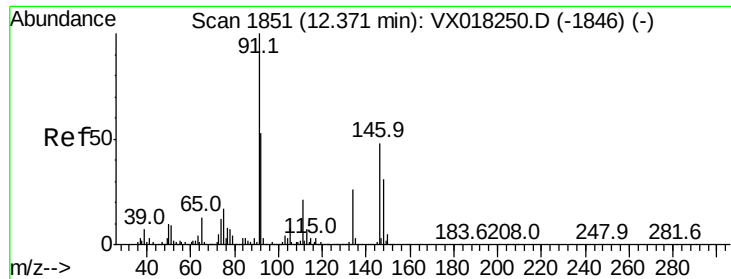
Delta R.T. -0.01 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	146	Resp:	589082
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.3	57.8
148	61.8	31.7	95.1





#85

n-Butylbenzene

Concen: 54.099 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 1000633

Ion Ratio Lower Upper

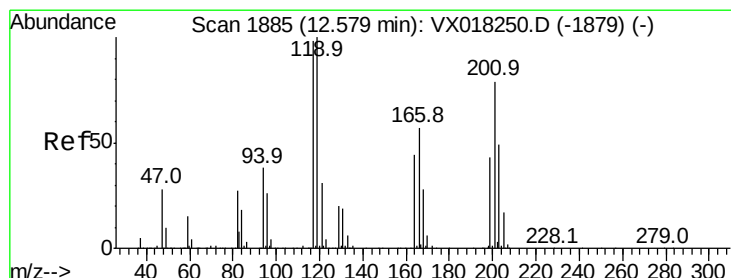
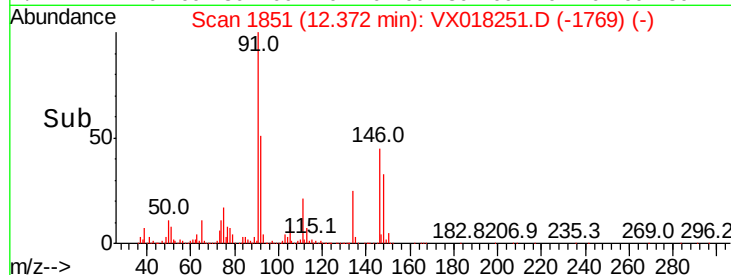
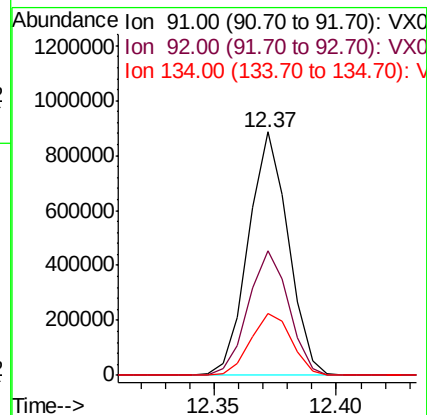
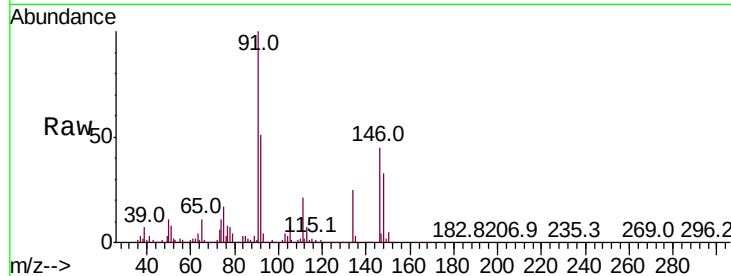
91 100

92 52.1 0.0 105.0

134 26.3 0.0 51.0

Manual Integrations
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#86

Hexachloroethane

Concen: 52.300 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018251.D

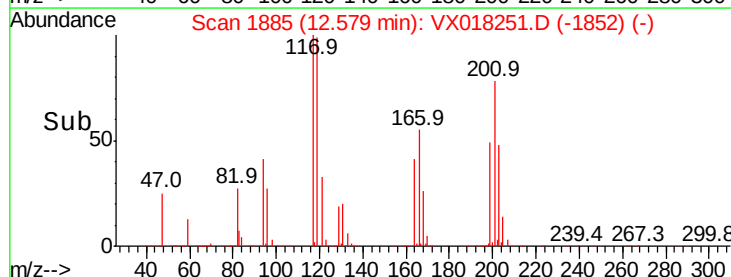
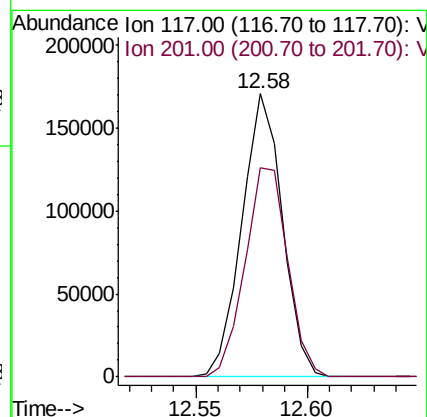
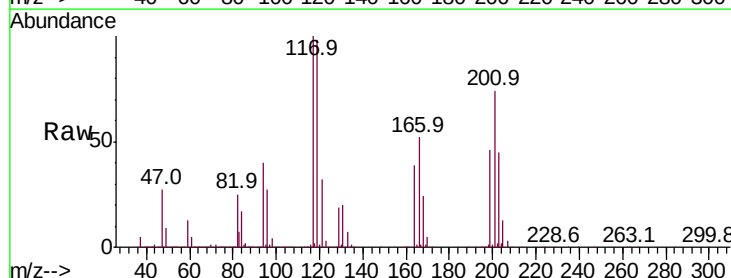
Acq: 04 Sep 2020 11:03

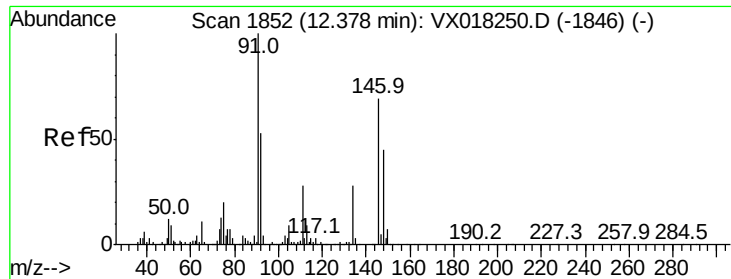
Tgt Ion: 117 Resp: 216044

Ion Ratio Lower Upper

117 100

201 78.4 39.6 118.8





#87

1,2-Dichlorobenzene

Concen: 52.619 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

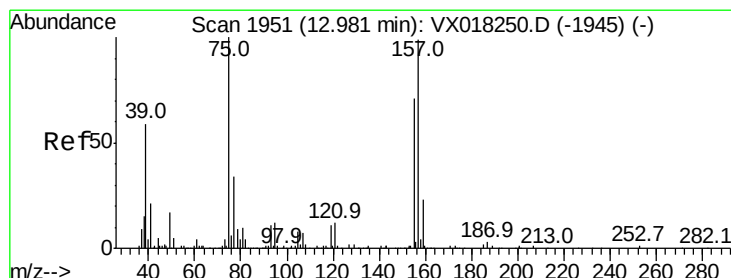
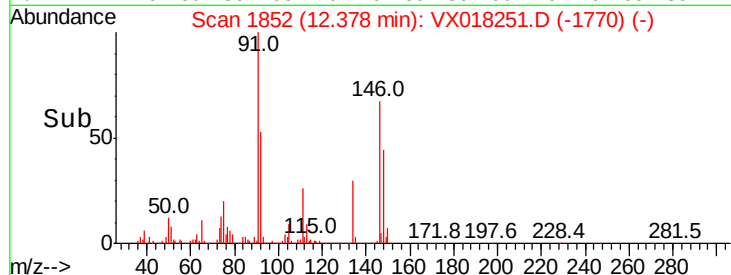
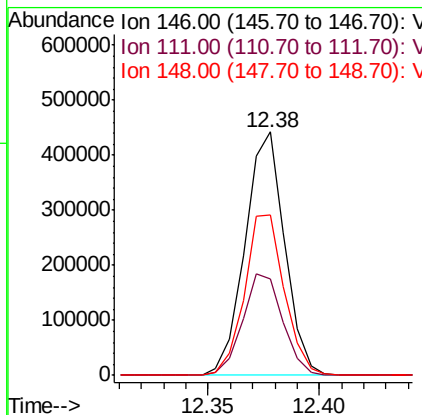
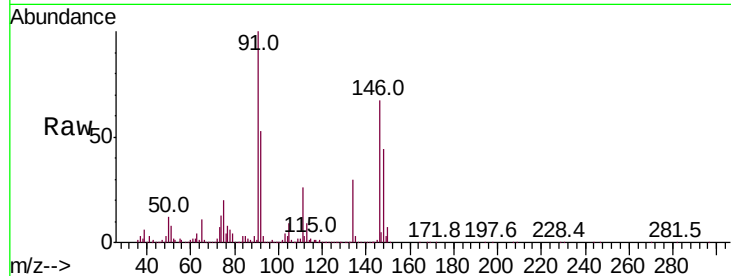
ClientSampled :

VSTDIC050

Tot Ion:	146	Resp:	550228
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.4	64.3
148	66.4	32.0	96.2

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 57.931 ug/l

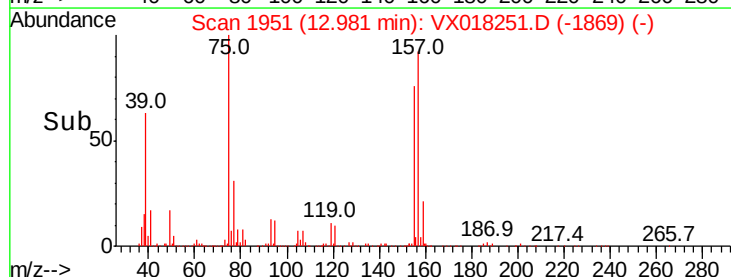
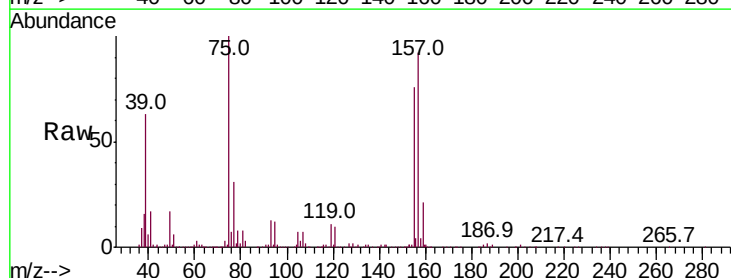
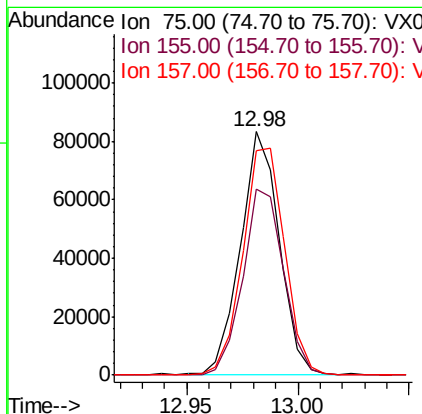
RT: 12.98 min Scan# 1951

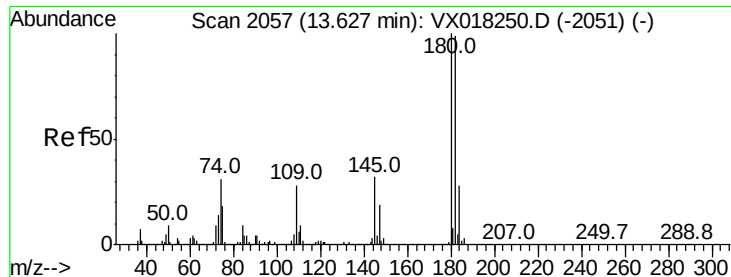
Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	75	Resp:	101584
Ion Ratio	Lower	Upper	
75	100		
155	80.4	63.4	95.2
157	100.7	87.0	130.6





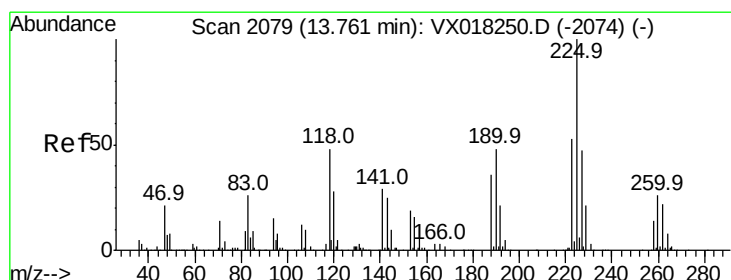
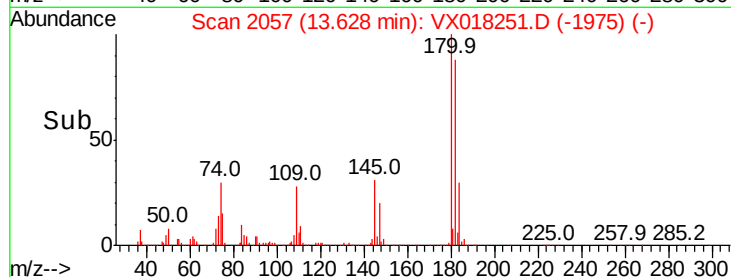
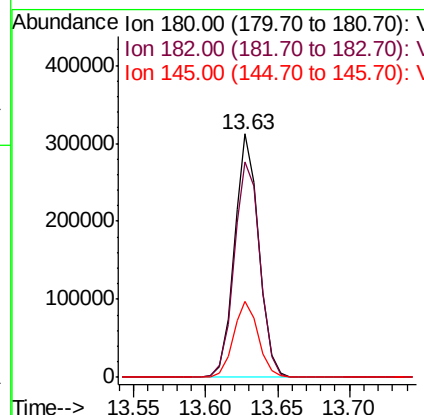
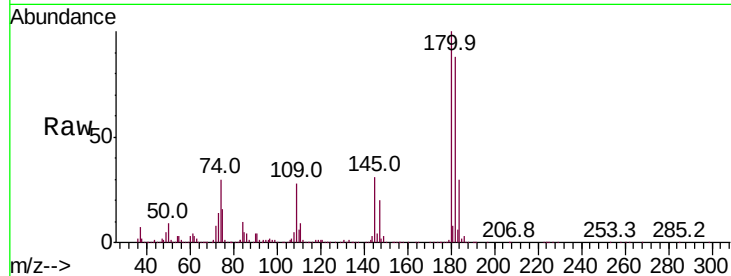
#89
 1,2,4-Trichlorobenzene
 Concen: 51.364 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	371192		
182	93.4	77.1	115.7	
145	31.8	25.0	37.6	

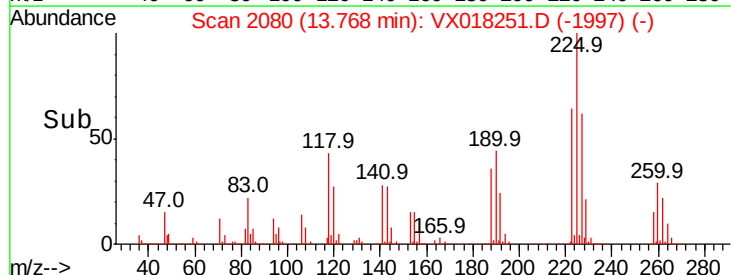
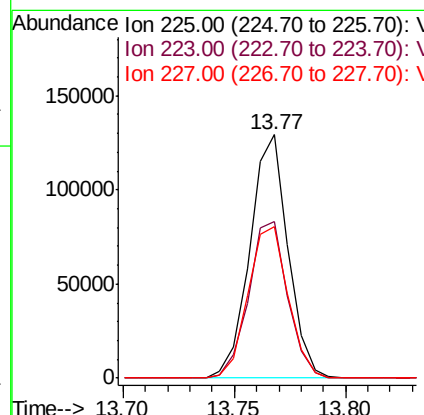
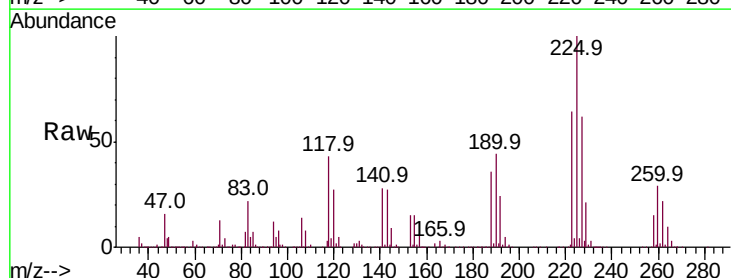
Manual Integrations
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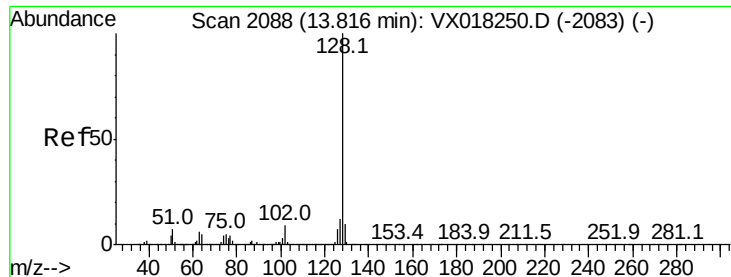
MMDadoda
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#90
 Hexachlorobutadiene
 Concen: 46.616 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018251.D
 Acq: 04 Sep 2020 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	154235		
223	66.2	0.0	115.8	
227	65.6	0.0	117.0	





#91

Naphthalene

Concen: 55.812 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Instrument :

MSVOA_X

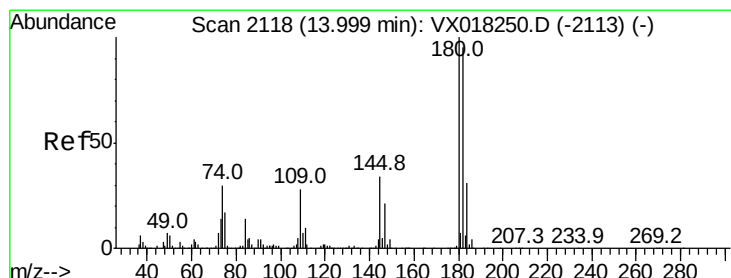
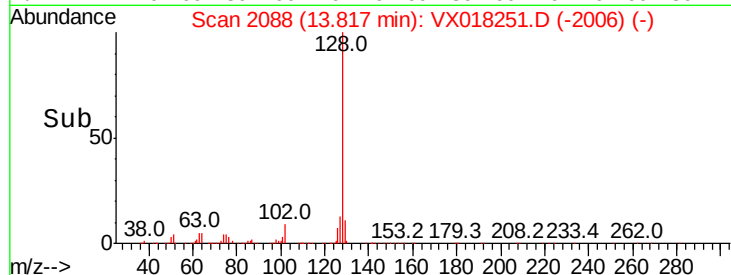
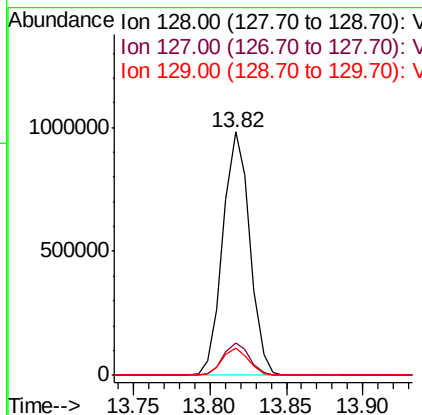
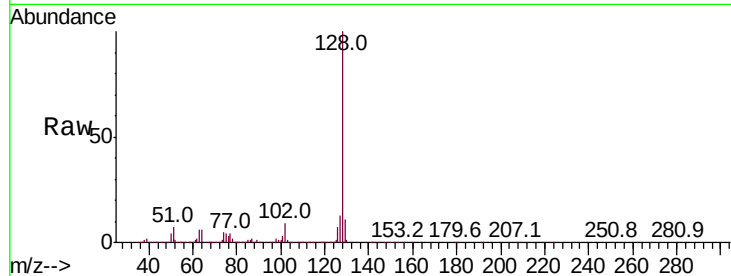
ClientSampled :

VSTDIC050

Tot Ion:	128	Resp:	1200463
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 54.108 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018251.D

Acq: 04 Sep 2020 11:03

Tgt Ion:	180	Resp:	377371
Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	191.6
145	33.5	0.0	67.4

