

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
 Data File : VX018252.D
 Acq On : 04 Sep 2020 11:25
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:16:52 PM

Quant Time: Sep 04 12:01:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 11:54:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	80907	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.84	114	413181	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	402555	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	187647	29.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.67%
60) 4-Bromofluorobenzene	11.12	95	212146	31.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.20%
63) Toluene-d8	8.70	98	527832	30.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	452392	97.912	ug/l 97
3) Chloromethane	1.31	50	477705	101.965	ug/l 97
4) Vinyl Chloride	1.39	62	510866	108.386	ug/l 100
5) Bromomethane	1.62	94	326456	107.754	ug/l 96
6) Chloroethane	1.71	64	308173	112.432	ug/l 97
7) Trichlorofluoromethane	1.92	101	856309	113.584	ug/l 100
8) Diethyl Ether	2.17	74	270919	118.291	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	433380	119.667	ug/l 100
10) 1,1-Dichloroethene	2.36	96	434826	126.270	ug/l 97
11) Methyl Iodide	2.49	142	581405	150.477	ug/l 98
12) Methyl Acetate	2.75	43	573445	115.267	ug/l 96
13) Acrolein	2.28	56	237061	367.443	ug/l 96
14) Acrylonitrile	3.12	53	1312988	625.264	ug/l 100
15) Acetone	2.42	58	343965	594.277	ug/l 87
16) Carbon Disulfide	2.55	76	1237201	134.016	ug/l 97
17) Allyl chloride	2.71	41	786575	123.845	ug/l 99
18) Methylene Chloride	2.84	84	490440	122.260	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	478766	131.356	ug/l 98
20) Diisopropyl ether	3.83	45	1546202	121.666	ug/l 97
21) 1,1-Dichloroethane	3.67	63	875215	125.990	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	532730	123.474	ug/l 96
23) tert-Butyl Alcohol	3.02	59	569297	595.938	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	1568864	121.115	ug/l 99
25) Chloroform	5.18	83	935497	122.767	ug/l 98
26) Cyclohexane	5.55	56	732448	123.849	ug/l # 48
29) 1,1-Dichloropropene	5.77	75	687626	133.708	ug/l 99
30) 2-Butanone	4.64	43	1863177	649.929	ug/l 99
31) 2,2-Dichloropropane	4.55	77	808175	125.790	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	876055	127.106	ug/l 98
33) Carbon Tetrachloride	5.76	117	816860	128.078	ug/l 92
34) Benzene	6.12	78	1927355	131.290	ug/l 97
35) Methacrylonitrile	5.01	41	412364	133.033	ug/l 93
36) 1,2-Dichloroethane	6.17	62	797504	129.606	ug/l # 100
37) Trichloroethene	7.19	130	550892	128.617	ug/l 98
38) Methylcyclohexane	7.45	83	754528	126.269	ug/l 96
39) 1,2-Dichloropropane	7.49	63	504123	126.954	ug/l 97
40) Dibromomethane	7.64	93	368458	129.953	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	774466	126.223	ug/l	94
42) Vinyl Acetate	3.79	43	7087358	715.061	ug/l	99
43) Ethyl Acetate	4.79	43	744960	135.692	ug/l	98
44) Isopropyl Acetate	6.42	43	1209844	129.355	ug/l	97
45) 1,4-Dioxane	7.71	88	200248	2303.620	ug/l #	88
46) Methyl methacrylate	7.75	41	611197	133.953	ug/l	97
47) n-amyl Acetate	10.88	43	1136851	146.534	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	880949	133.953	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	889576	125.409	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	515442	129.702	ug/l	97
51) Ethyl methacrylate	9.16	69	806093	138.235	ug/l	98
52) 1,3-Dichloropropane	9.35	76	868232	132.191	ug/l	98
53) Dibromochloromethane	9.57	129	665476	131.014	ug/l	99
54) 1,2-Dibromoethane	9.65	107	575694	131.319	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	2121268	672.103	ug/l	99
56) Bromoform	10.84	173	515043	136.697	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	3802402	644.108	ug/l	99
59) 2-Hexanone	9.48	43	2956966	691.480	ug/l	100
61) Tetrachloroethene	9.32	164	524731	116.510	ug/l	86
62) Toluene	8.77	91	2146369	128.620	ug/l	100
64) Chlorobenzene	10.12	112	1392593	124.951	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	563048	123.580	ug/l	99
66) Ethyl Benzene	10.24	91	2483960	133.854	ug/l	99
67) m/p-Xylenes	10.34	106	1890952	270.764	ug/l	99
68) o-Xylene	10.68	106	909282	133.543	ug/l	100
69) Styrene	10.70	104	1593424	133.550	ug/l	98
70) Isopropylbenzene	11.01	105	2546310	129.426	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	783731	136.130	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	757137m	133.102	ug/l	
73) Bromobenzene	11.24	156	681643	130.188	ug/l	99
74) n-propylbenzene	11.35	91	2955809	130.589	ug/l	98
75) 2-Chlorotoluene	11.41	91	1783902	130.046	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	2235587	134.500	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	308099	138.342	ug/l	90
78) 4-Chlorotoluene	11.49	91	2133875	133.417	ug/l	100
79) tert-butylbenzene	11.76	119	2172698	133.313	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	2211835	128.113	ug/l	99
81) sec-Butylbenzene	11.93	105	2517308	130.116	ug/l	99
82) p-Isopropyltoluene	12.05	119	2354130	133.286	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	1194128	124.439	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	1195818	125.545	ug/l	99
85) n-Butylbenzene	12.37	91	2092588	125.150	ug/l	99
86) Hexachloroethane	12.58	117	454855	121.805	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	1102585	116.640	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	208963	131.823	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	797447	122.066	ug/l	98
90) Hexachlorobutadiene	13.77	225	329614	110.202	ug/l	94
91) Naphthalene	13.82	128	2553734	131.337	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	775427	122.989	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC100

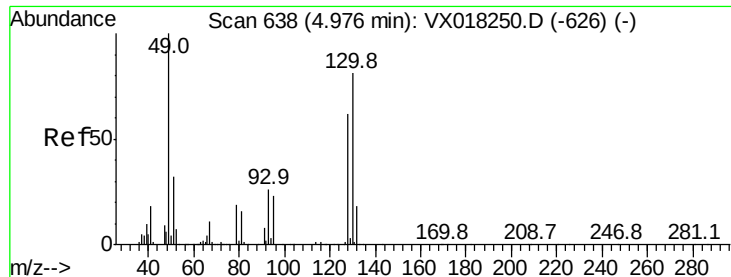
Manual Integrations
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9/8/2020 5:16:52 PM

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QLast Update : Fri Sep 04 11:54:34 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

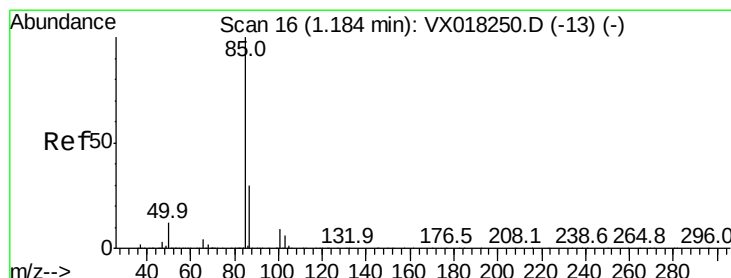
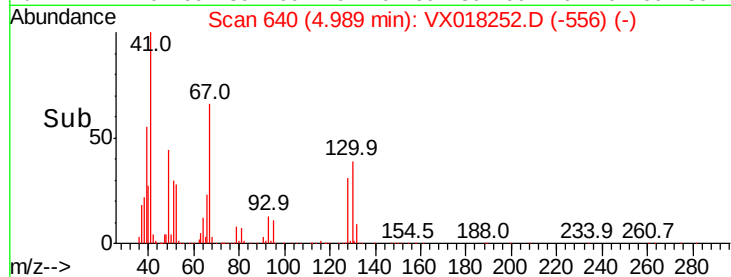
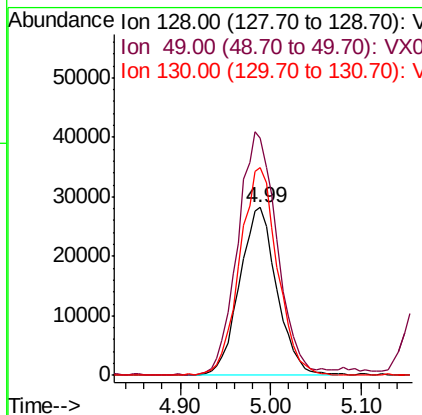
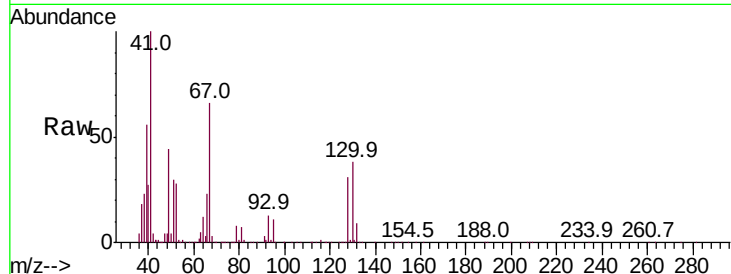
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	152.1	0.0	392.0
130	124.6	0.0	320.2

Manual Integrations
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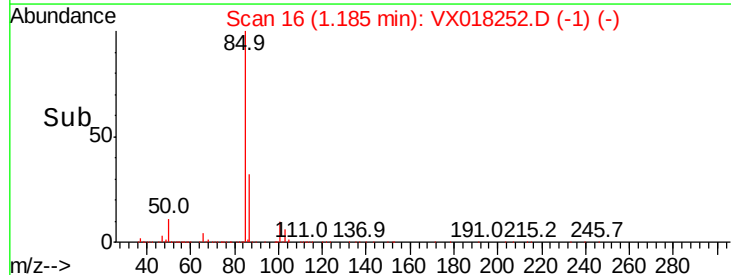
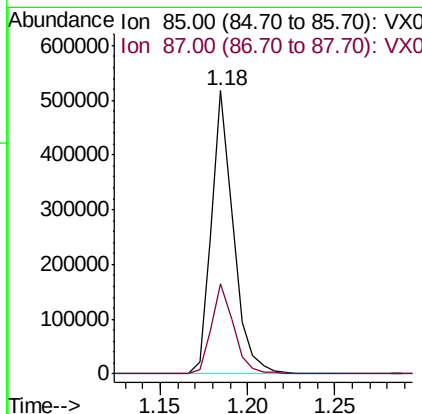
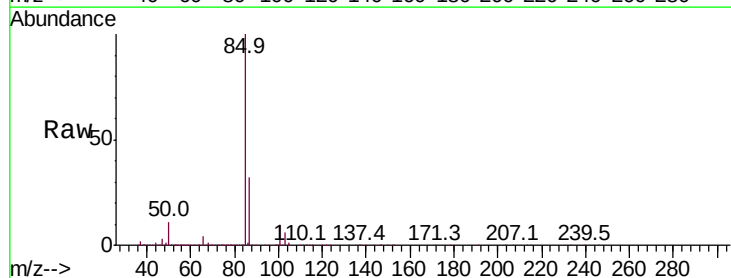
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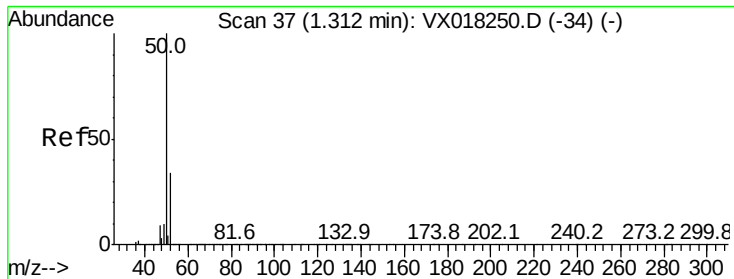


#2

Dichlorodifluoromethane
 Concen: 97.912 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	15.1	45.3





#3

Chloromethane

Concen: 101.965 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 477705

Ion Ratio Lower Upper

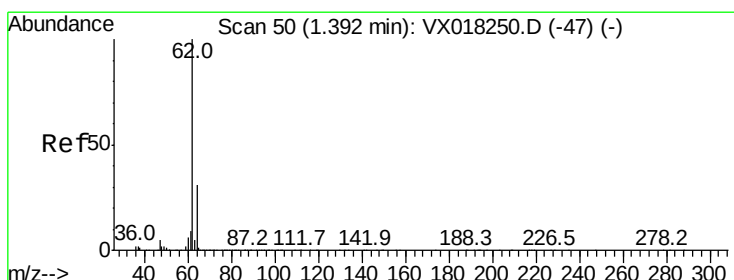
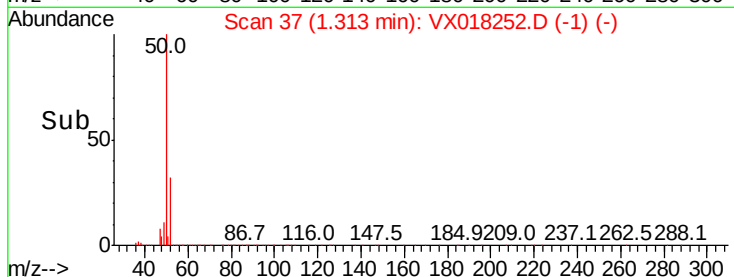
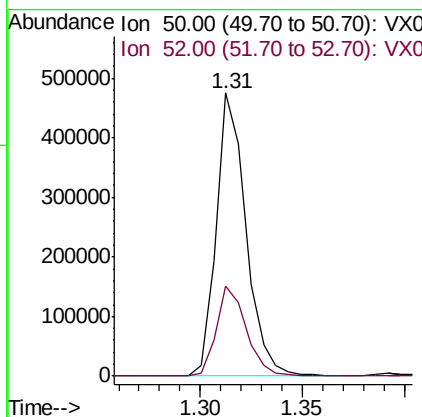
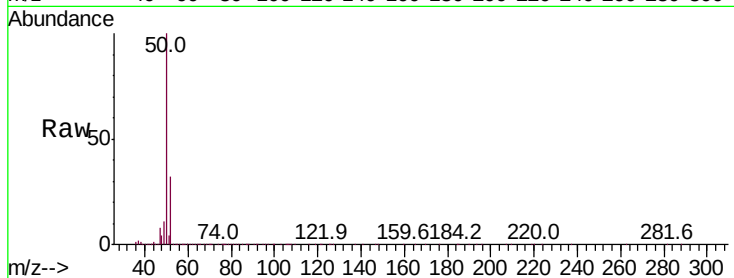
50 100

52 32.1 27.1 40.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 108.386 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018252.D

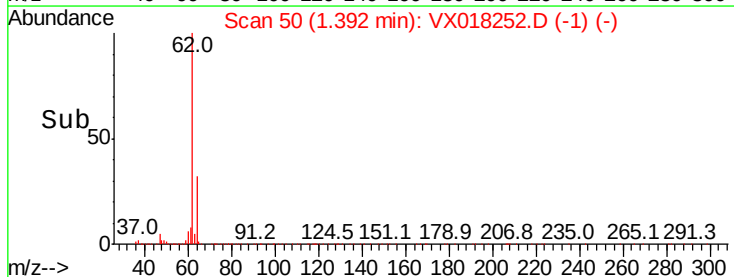
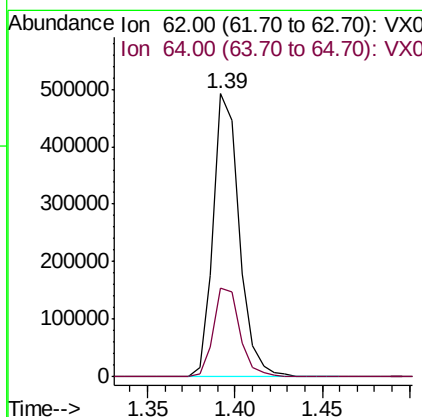
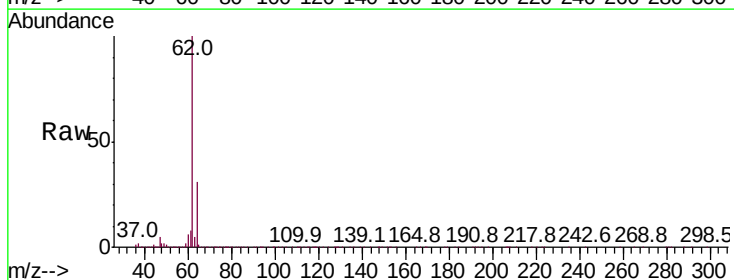
Acq: 04 Sep 2020 11:25

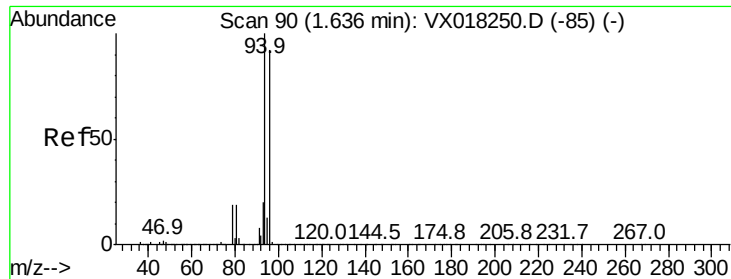
Tgt Ion: 62 Resp: 510866

Ion Ratio Lower Upper

62 100

64 31.5 25.2 37.8





#5

Bromomethane

Concen: 107.754 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tot Ion: 94 Resp: 326456

Ion Ratio Lower Upper

94 100

96 96.2 73.9 110.9

Instrument :

MSVOA_X

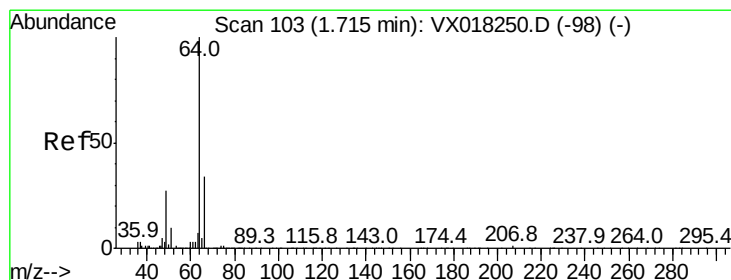
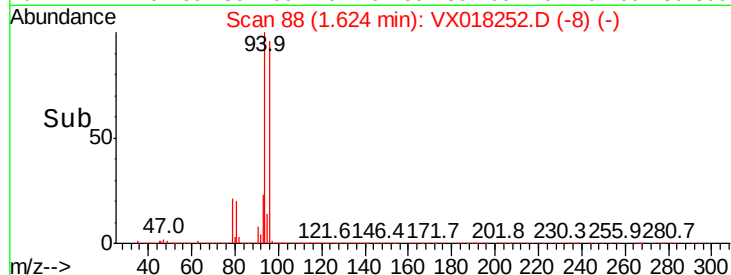
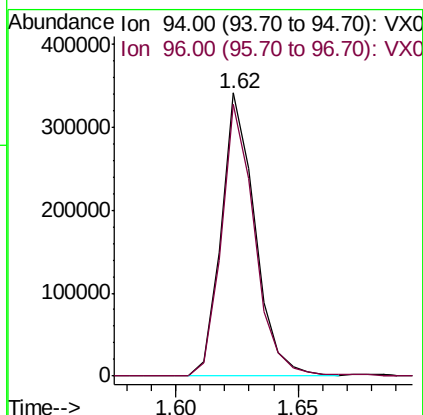
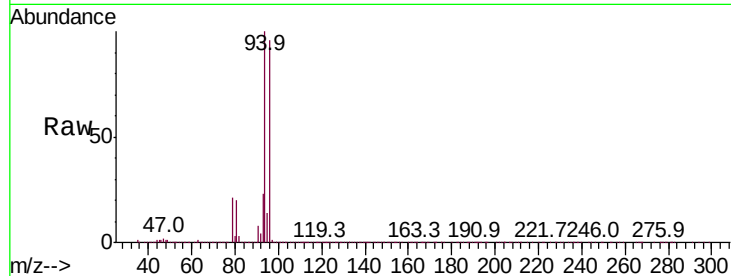
ClientSampleId :

VSTDIC100

Manual Integrations
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#6

Chloroethane

Concen: 112.432 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018252.D

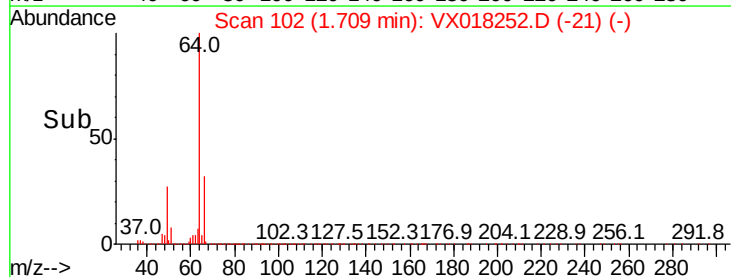
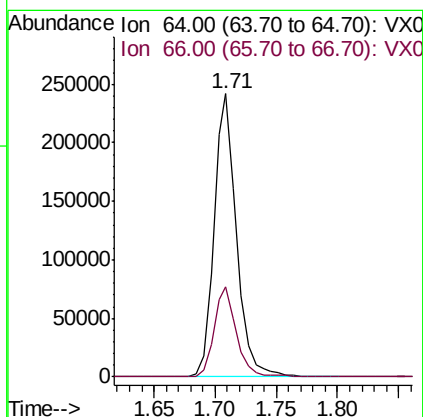
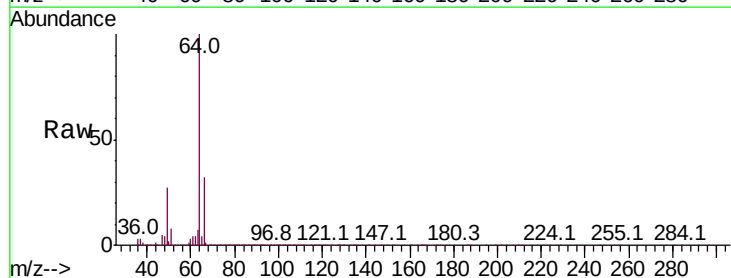
Acq: 04 Sep 2020 11:25

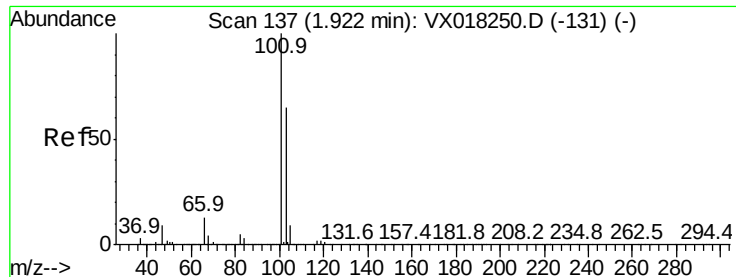
Tgt Ion: 64 Resp: 308173

Ion Ratio Lower Upper

64 100

66 31.9 27.0 40.4





#7

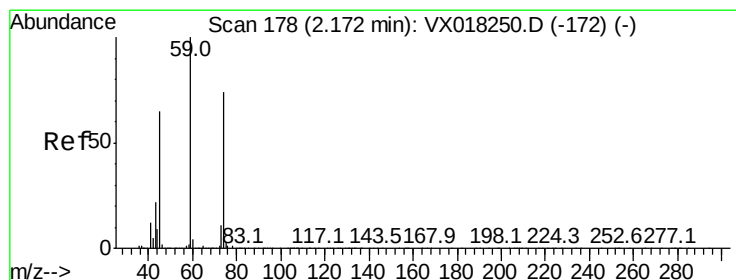
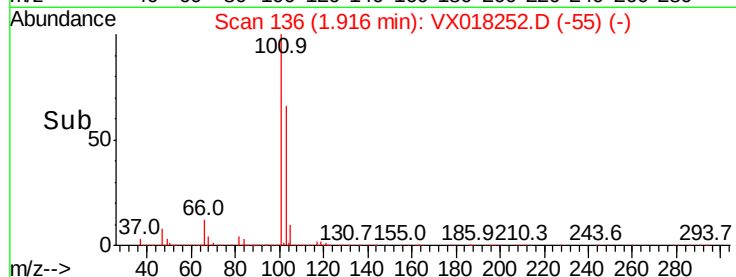
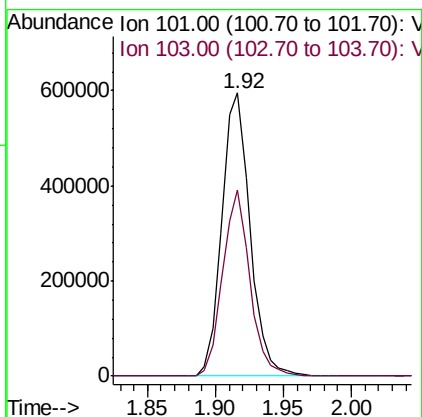
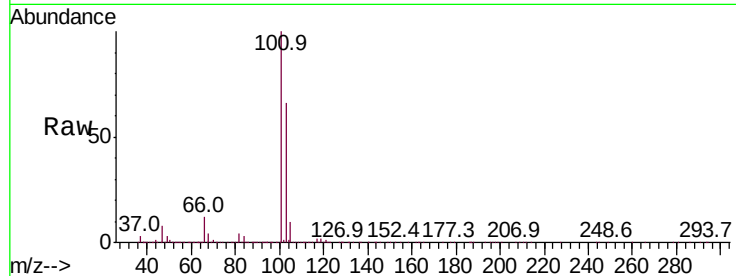
Trichlorofluoromethane
Concen: 113.584 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	856309		
103	65.8	52.3	78.5	

Manual Integrations
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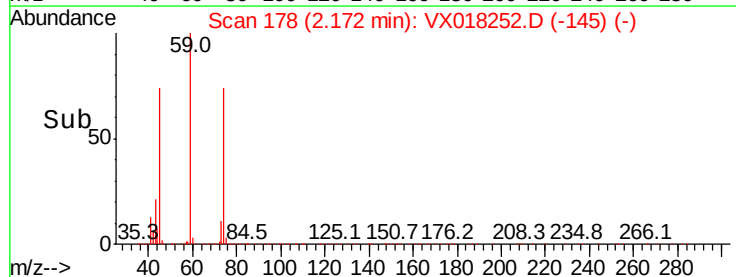
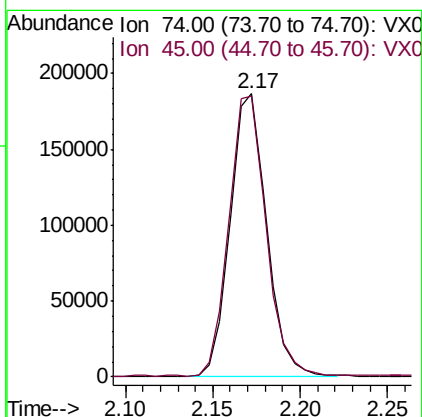
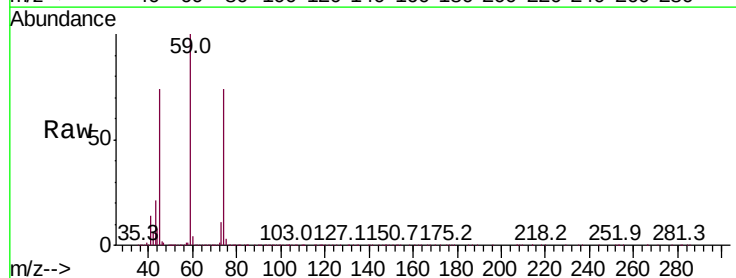
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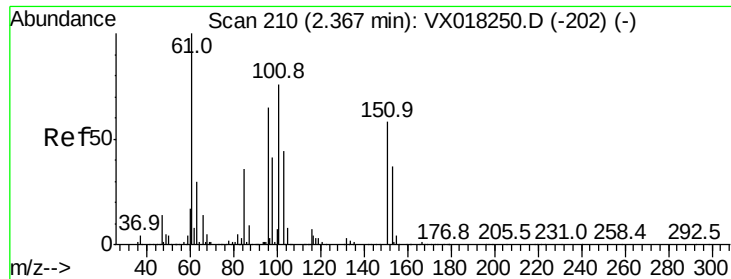


#8

Diethyl Ether
Concen: 118.291 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	270919		
45	100.5	20.5	184.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 119.667 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

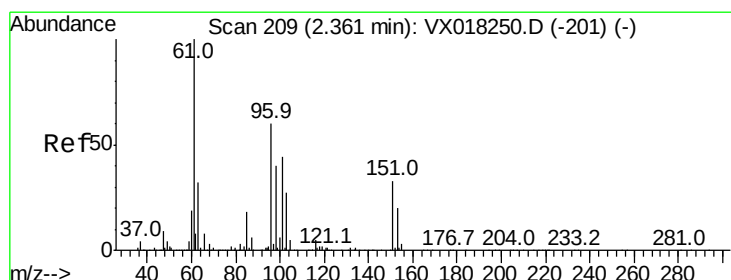
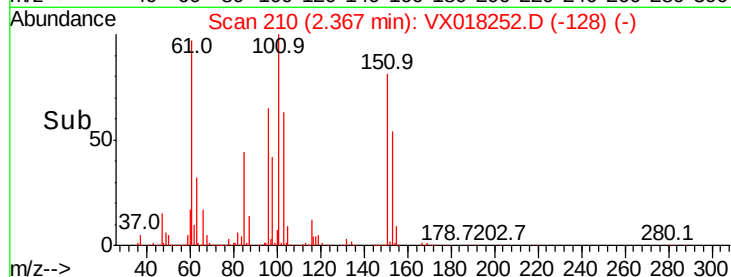
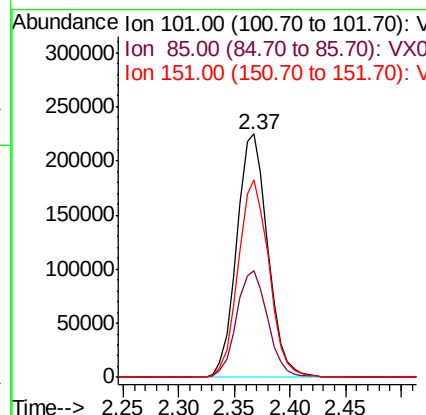
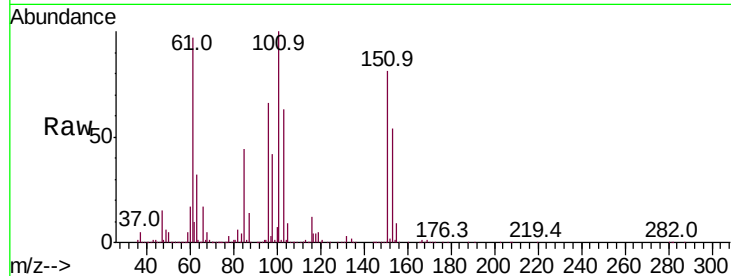
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	433380
Ion Ratio	Lower	Upper	
101	100		
85	44.2	0.0	87.8
151	81.1	0.0	161.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 126.270 ug/l

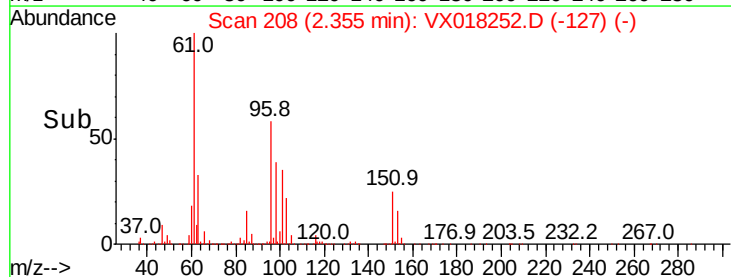
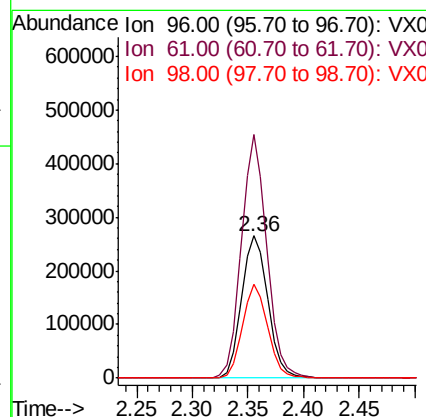
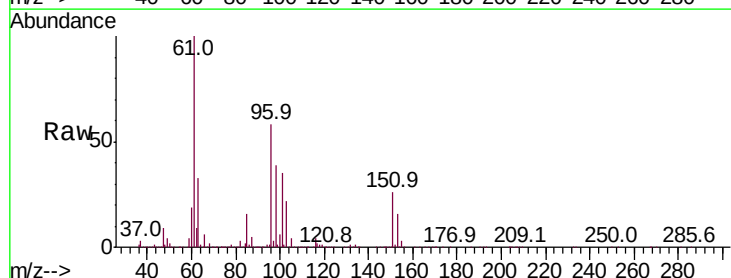
RT: 2.36 min Scan# 208

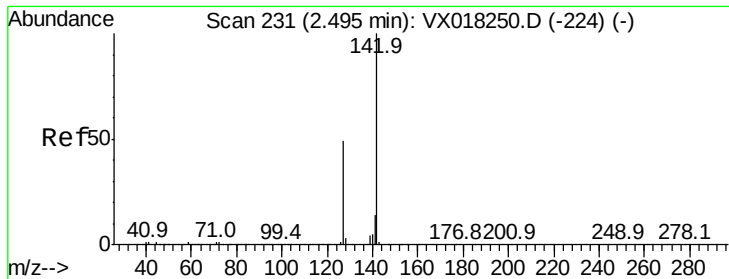
Delta R.T. -0.01 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion:	96	Resp:	434826
Ion Ratio	Lower	Upper	
96	100		
61	171.3	132.5	198.7
98	66.0	52.4	78.6





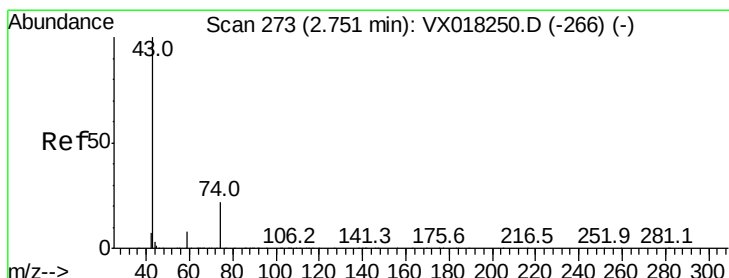
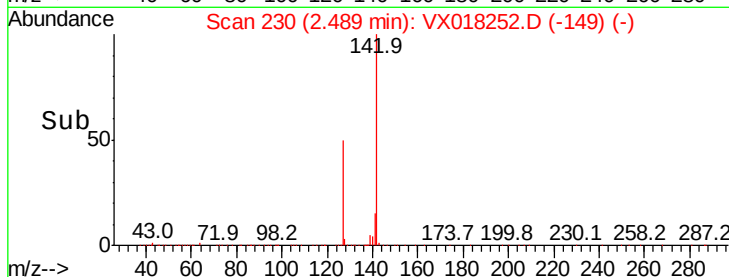
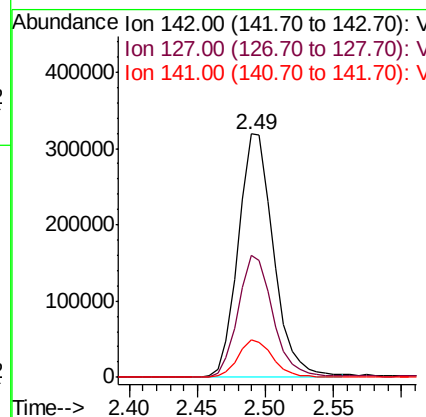
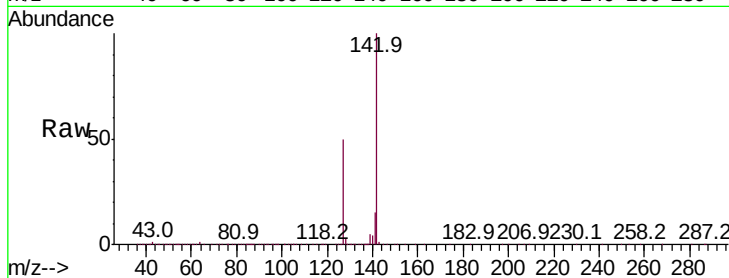
#11
Methvl Iodide
Concen: 150.477 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	50.2	24.6	74.0
141	15.2	7.0	21.0

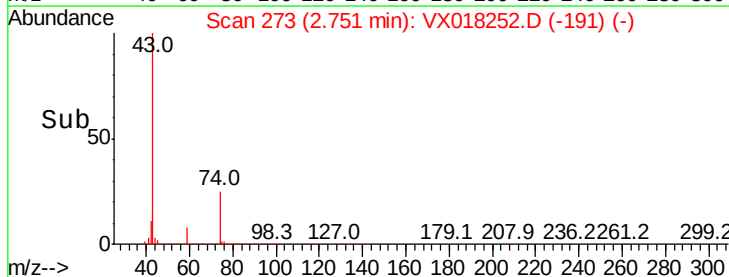
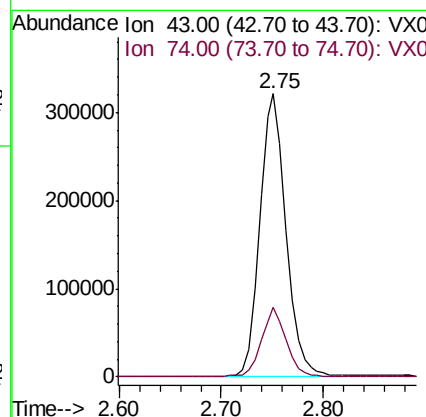
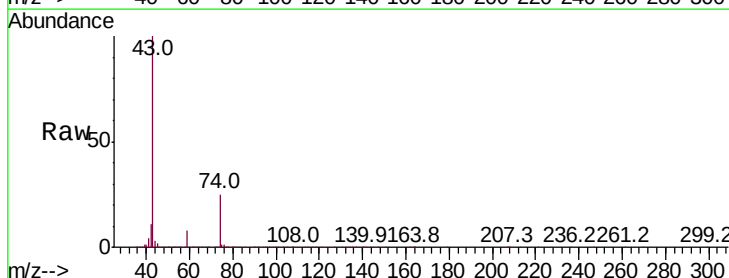
Manual Integrations
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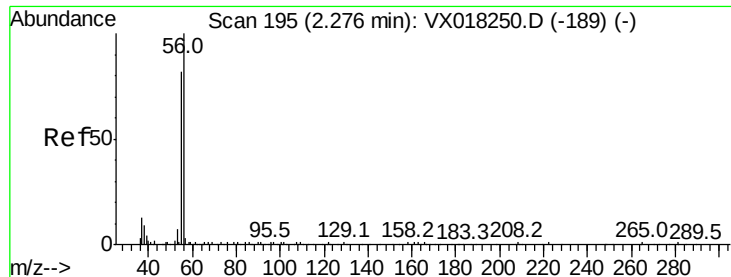
MMDadoda
9/8/2020 5:16:52 PM



#12
Methyl Acetate
Concen: 115.267 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.0	27.0





#13

Acrolein

Concen: 367.443 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 237061

Ion Ratio Lower Upper

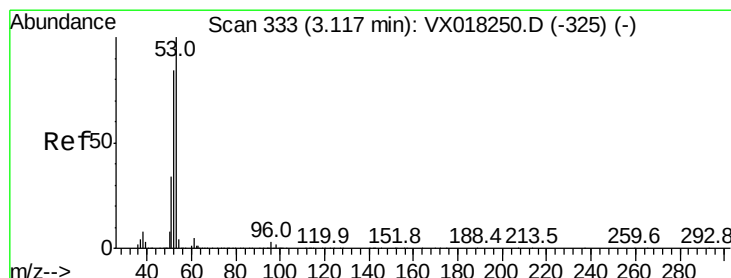
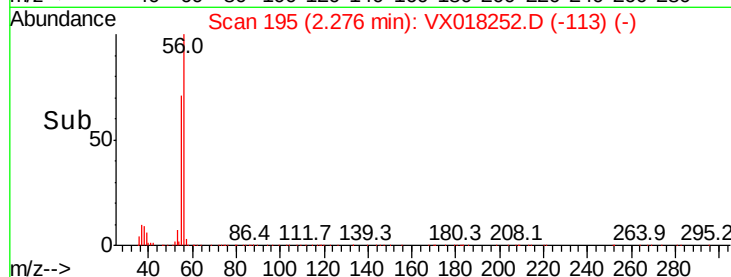
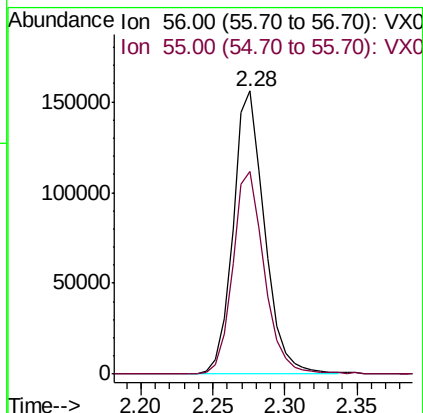
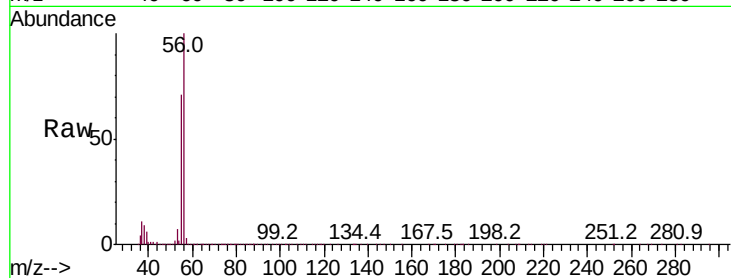
56 100

55 71.2 59.7 89.5

Manual Integrations
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#14

Acrylonitrile

Concen: 625.264 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

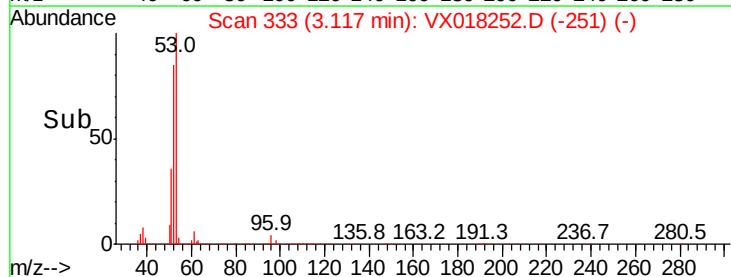
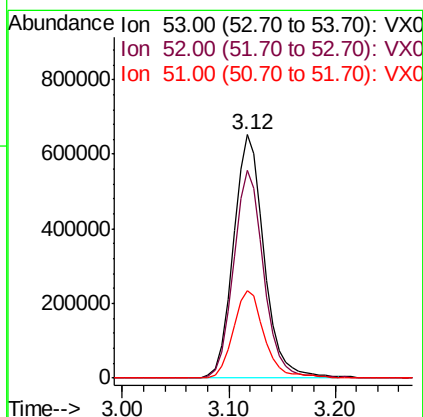
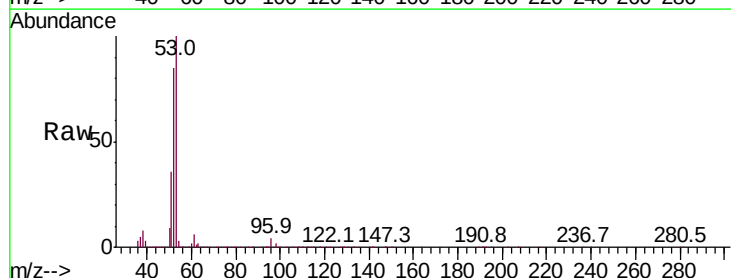
Tgt Ion: 53 Resp: 1312988

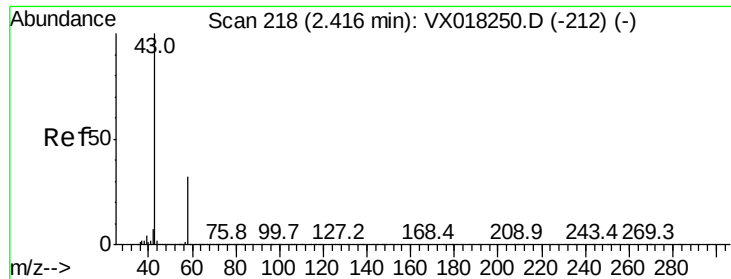
Ion Ratio Lower Upper

53 100

52 83.9 41.9 125.7

51 36.7 18.3 54.8





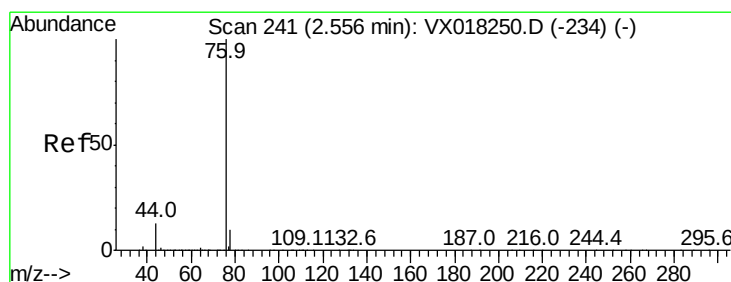
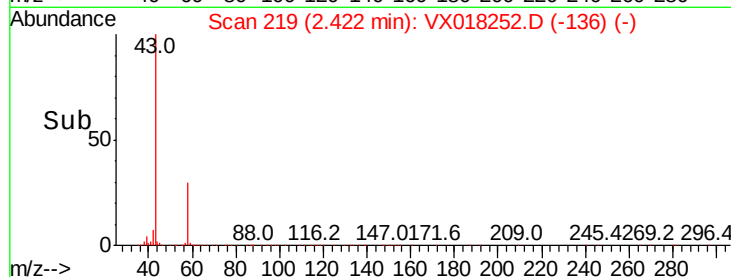
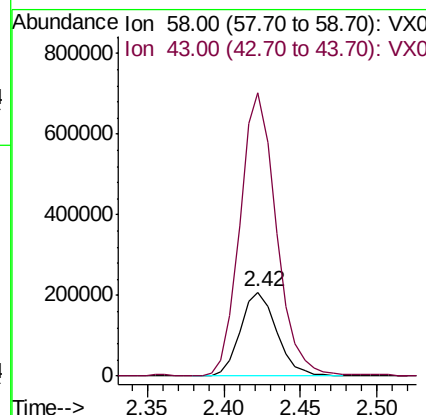
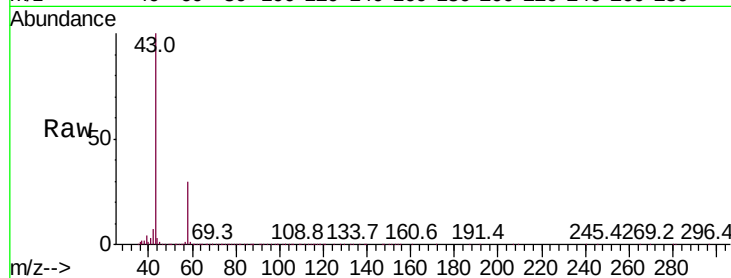
#15
Acetone
Concen: 594.277 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
58	100		
43	336.6	248.2	372.2

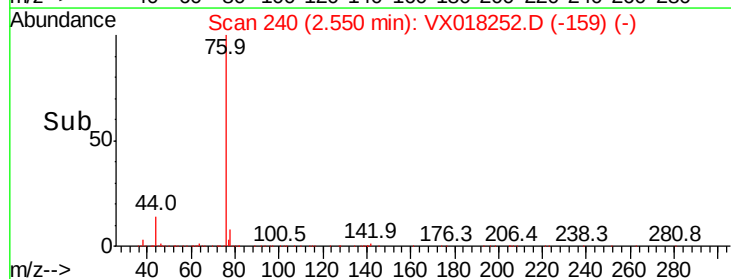
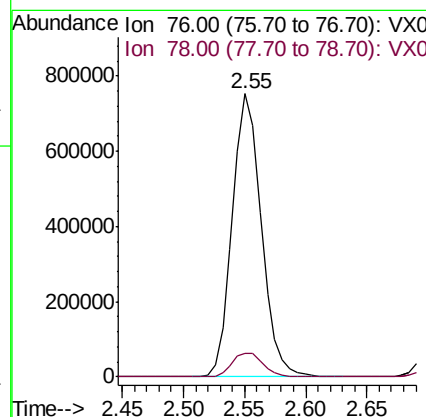
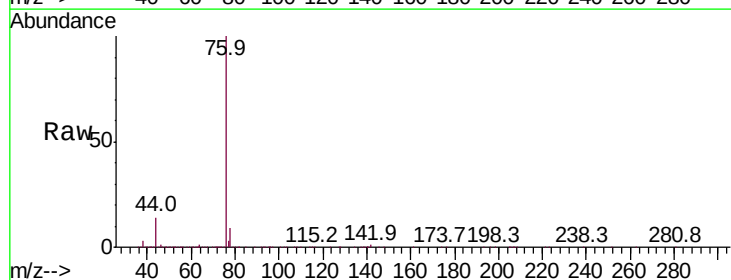
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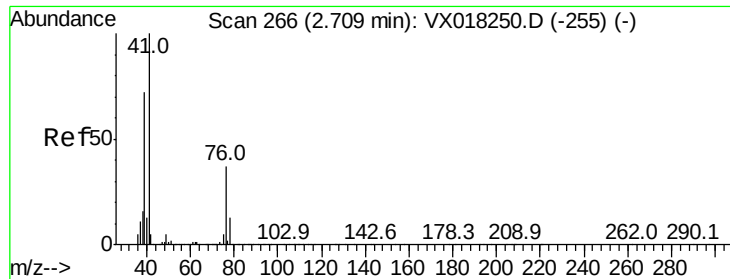
MMDadoda
9/8/2020 5:16:52 PM



#16
Carbon Disulfide
Concen: 134.016 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.8	11.6





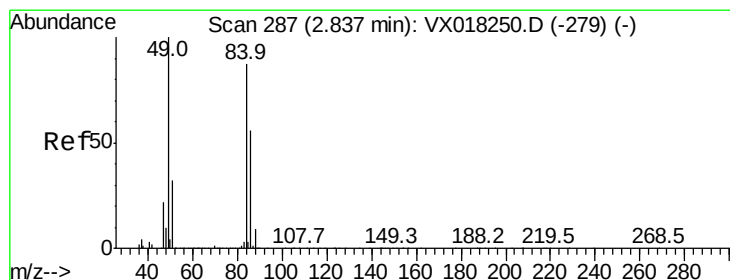
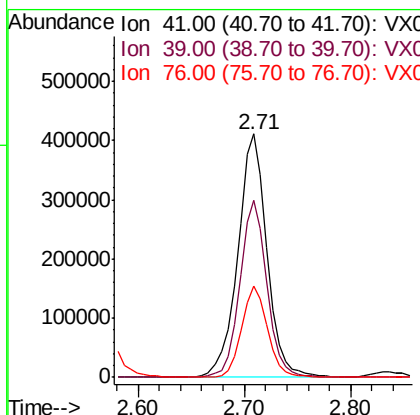
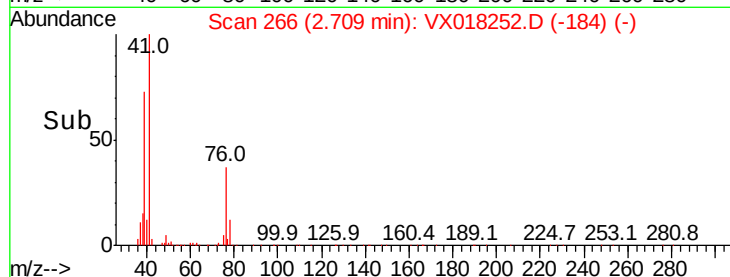
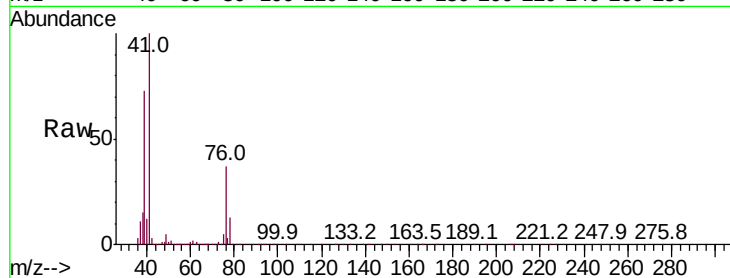
#17
Allvl chloride
Concen: 123.845 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.8	36.0	108.1
76	37.3	18.6	55.6

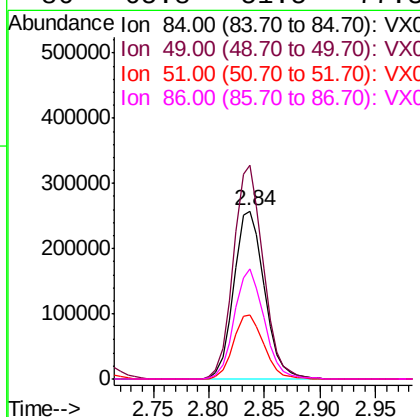
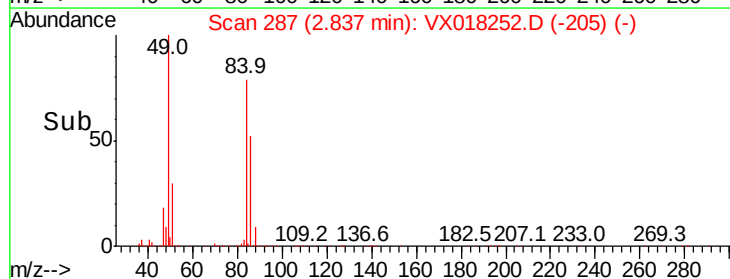
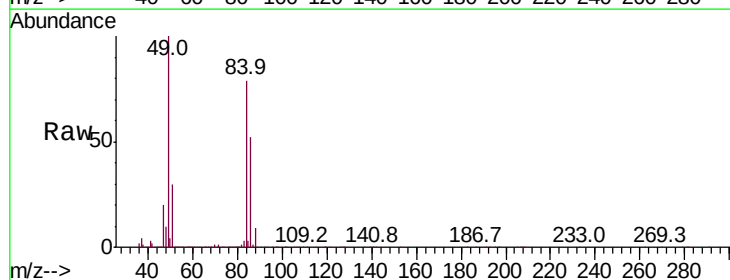
Manual Integrations
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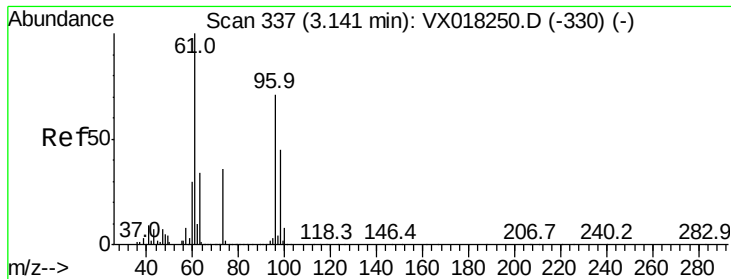
MMDadoda
9/8/2020 5:16:52 PM



#18
Methylene Chloride
Concen: 122.260 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.3	91.6	137.4
51	37.8	29.4	44.0
86	65.8	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 131.356 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 478766

Ion Ratio Lower Upper

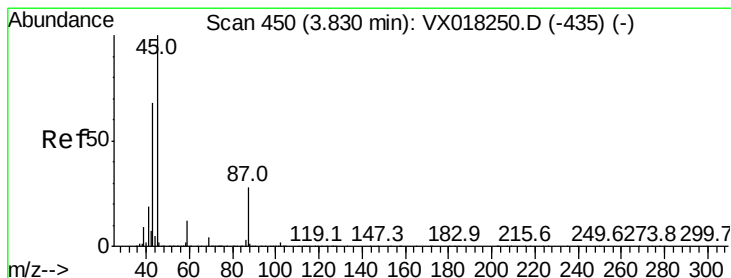
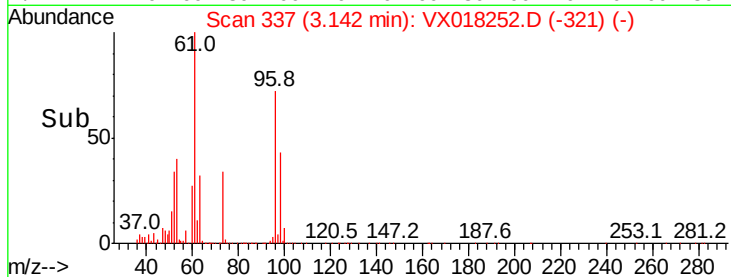
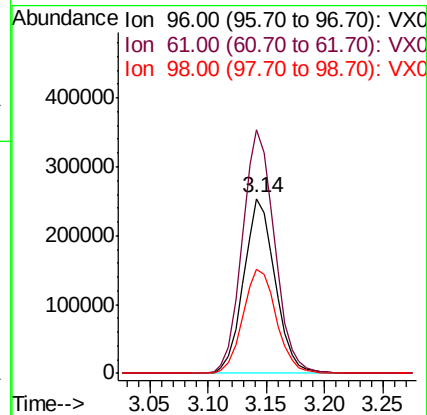
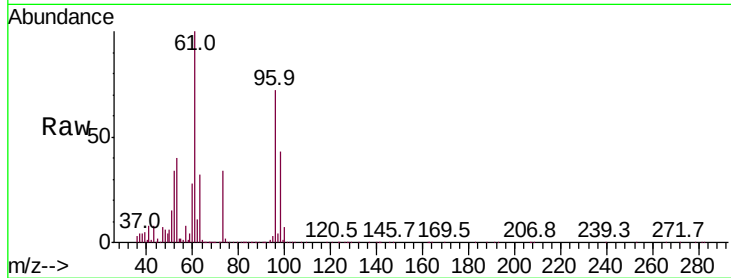
96 100

61 139.4 112.8 169.2

98 59.9 51.0 76.4

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#20

Diisopropyl ether

Concen: 121.666 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion: 45 Resp: 1546202

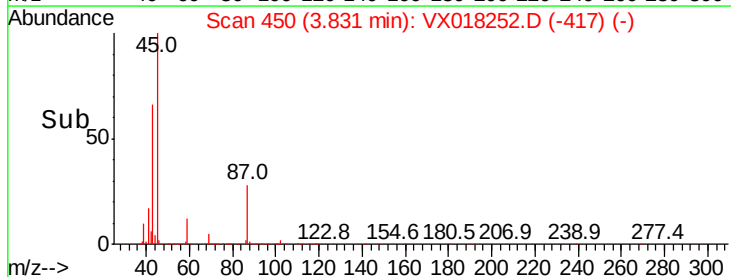
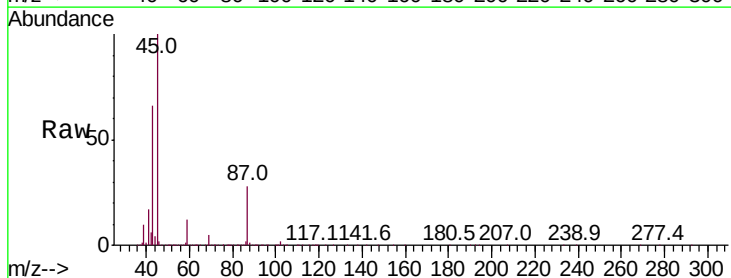
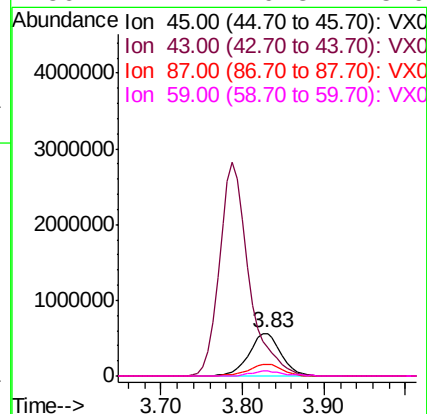
Ion Ratio Lower Upper

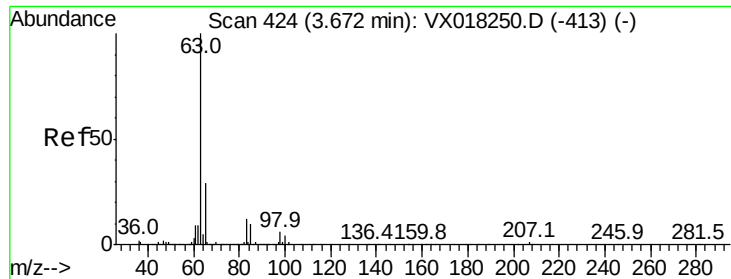
45 100

43 65.2 54.5 81.7

87 28.2 22.2 33.2

59 11.7 9.3 13.9





#21

1,1-Dichloroethane

Concen: 125.990 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

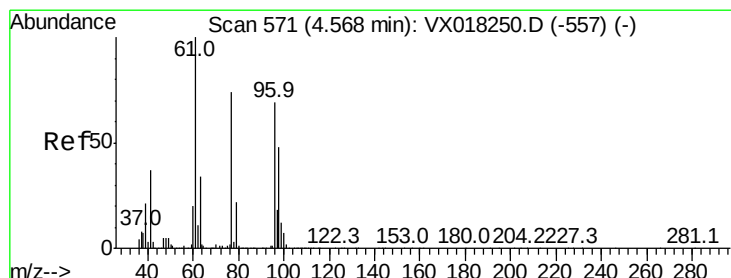
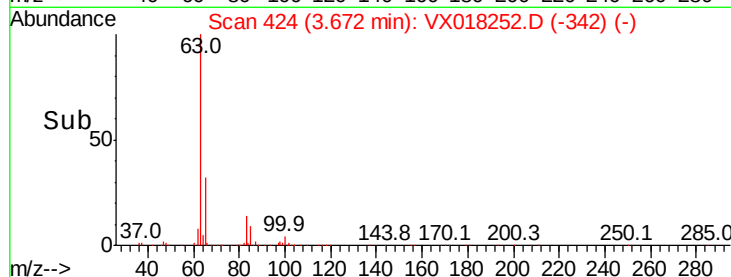
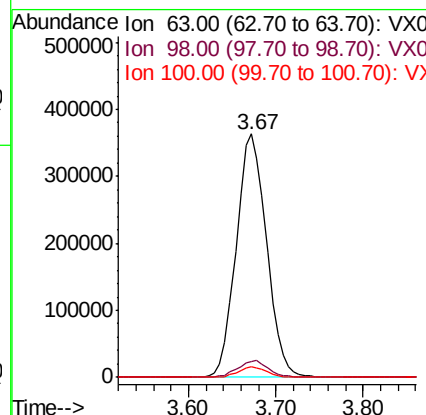
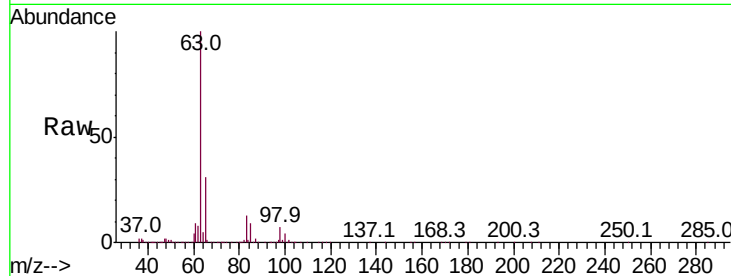
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
63	100	875215		
98	6.6		3.2	9.6
100	4.4		2.1	6.3

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 123.474 ug/l

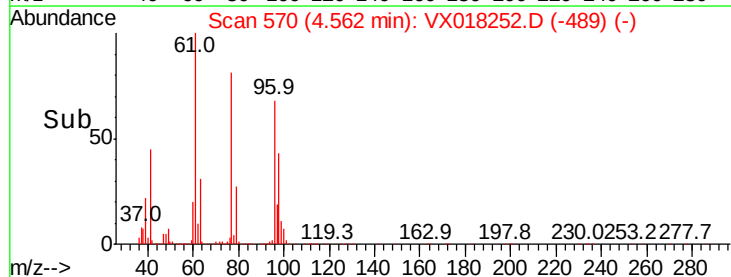
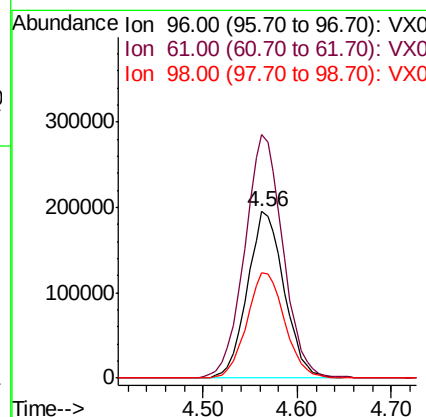
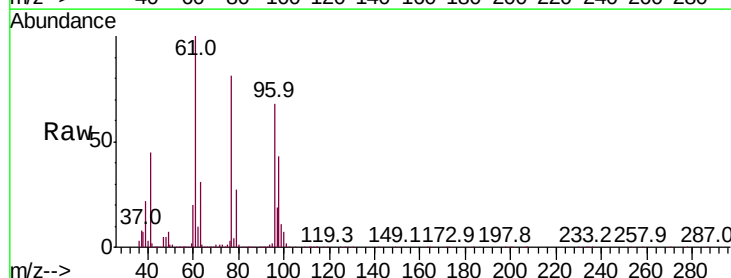
RT: 4.56 min Scan# 570

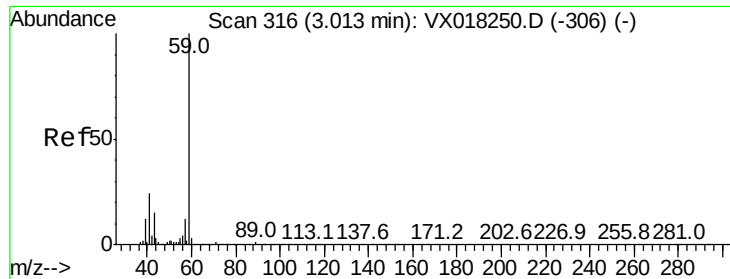
Delta R.T. -0.01 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	532730		
61	152.2		116.2	174.4
98	65.5		52.5	78.7





#23

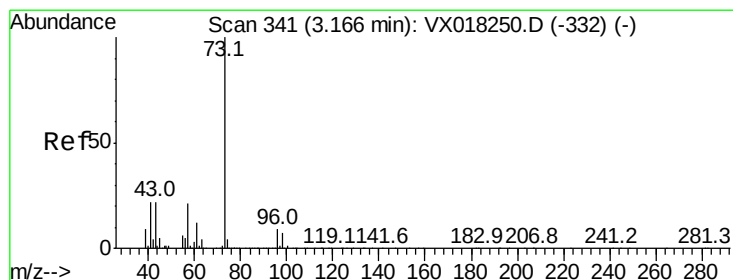
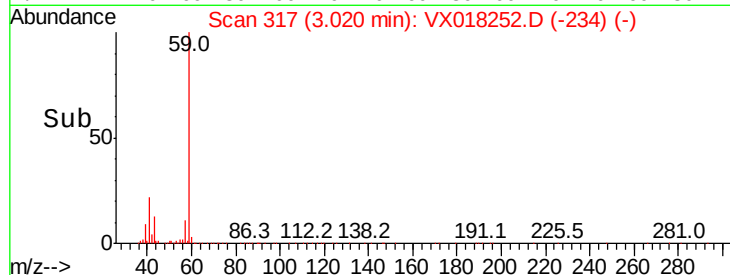
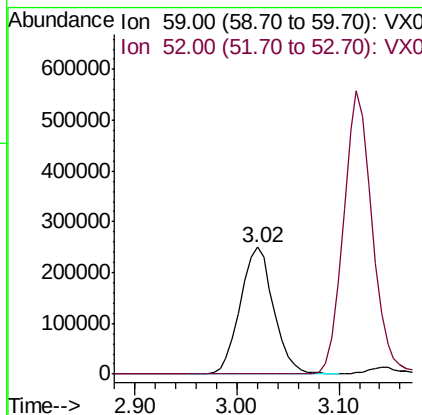
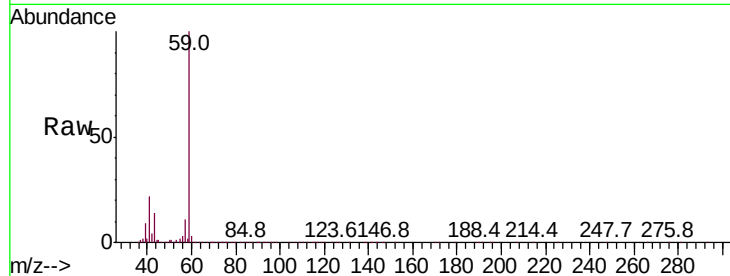
tert-Butyl Alcohol
 Concen: 595.938 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.4	0.6#

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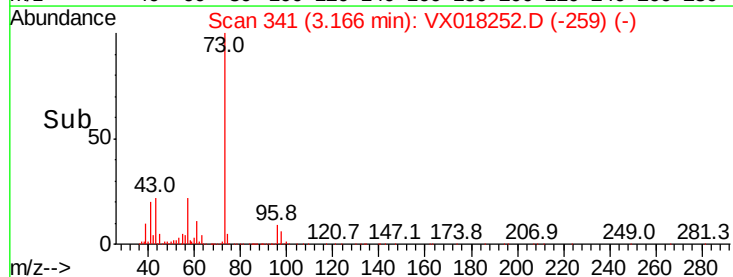
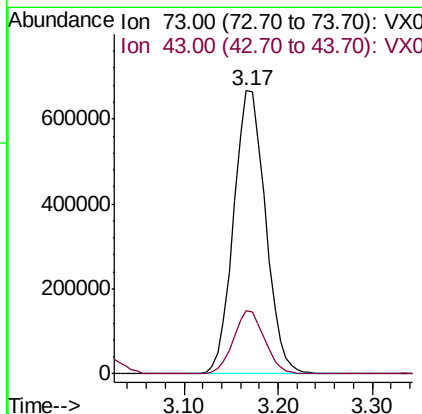
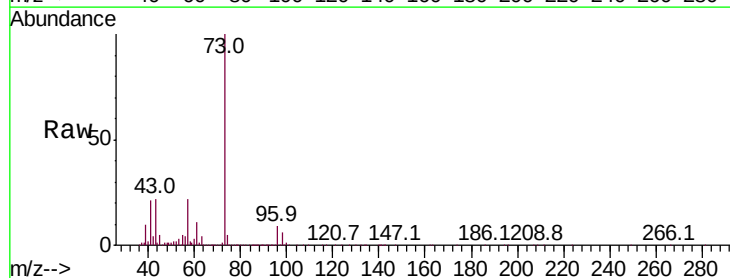
MMDadoda
 9/8/2020 5:16:52 PM

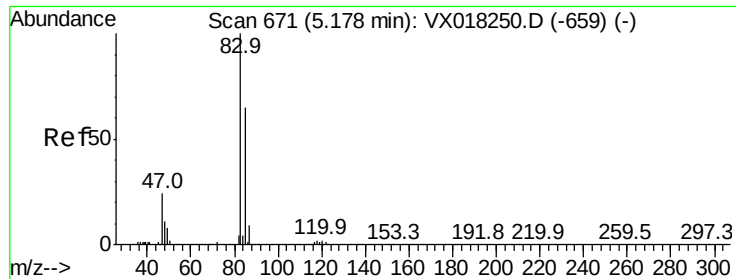


#24

Methyl tert-Butyl Ether
 Concen: 121.115 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.8	17.8	26.6





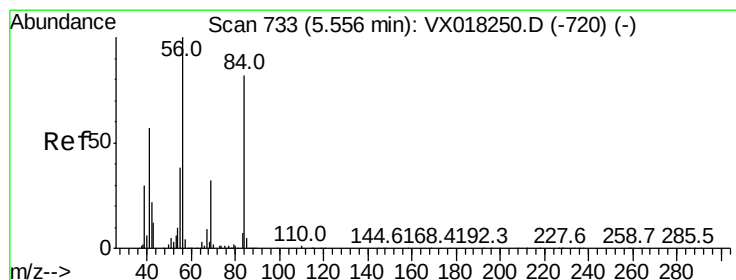
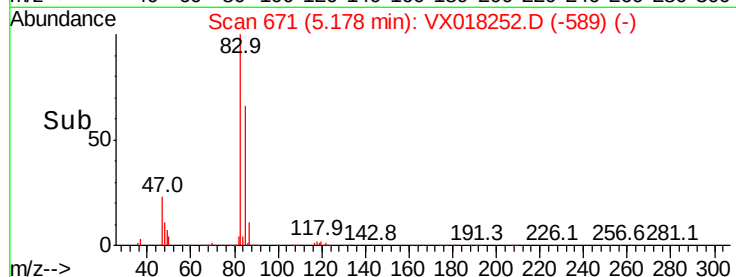
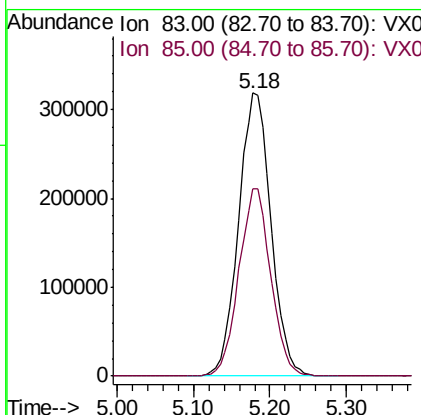
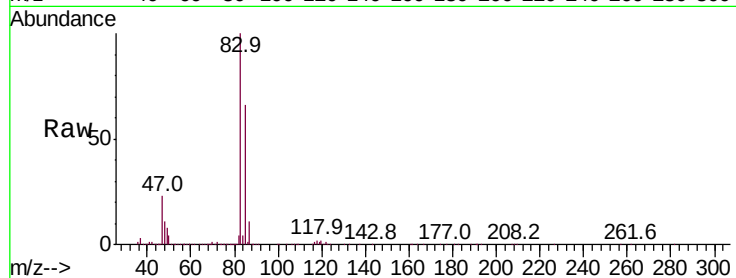
#25
Chloroform
Concen: 122.767 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.6	77.4

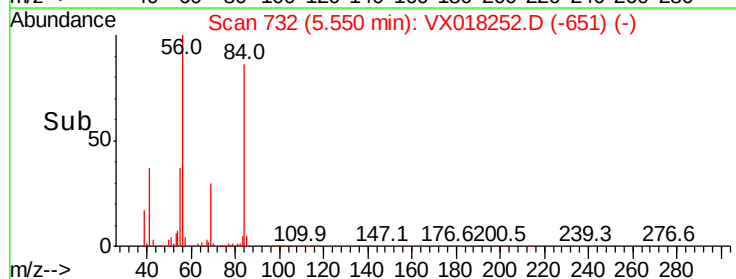
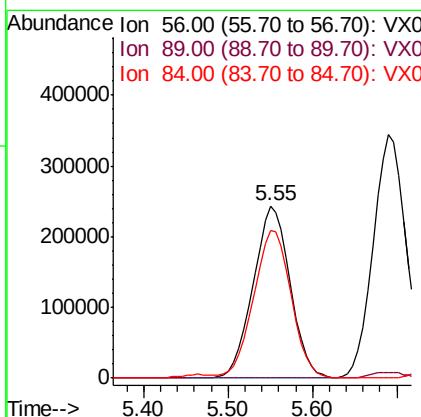
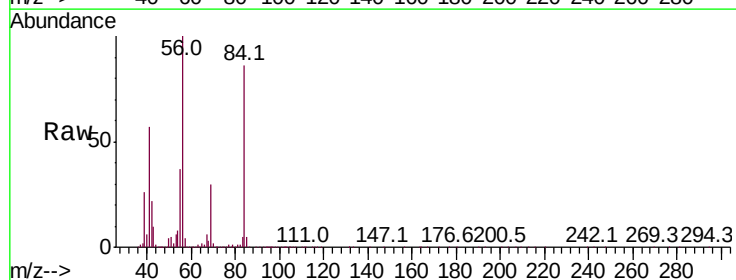
Manual Integrations
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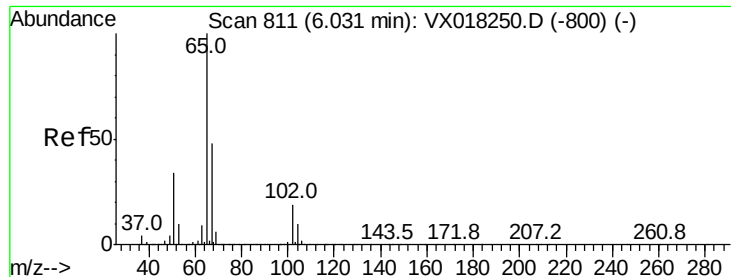
MMDadoda
9/8/2020 5:16:52 PM



#26
Cyclohexane
Concen: 123.849 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	87.4	41.0	61.4#





#27

1,2-Dichloroethane-d4

Concen: 29.297 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 187647

Ion Ratio Lower Upper

65 100

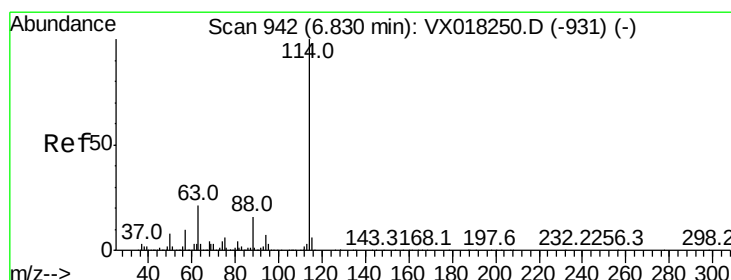
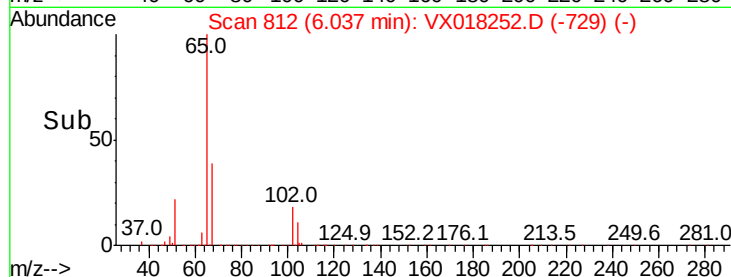
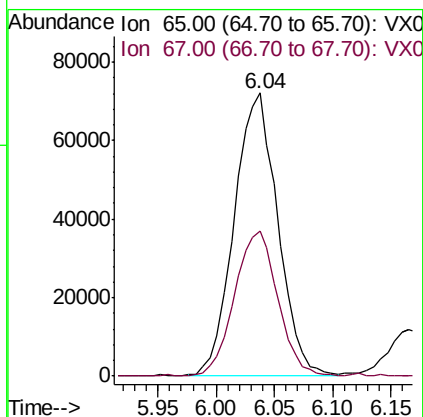
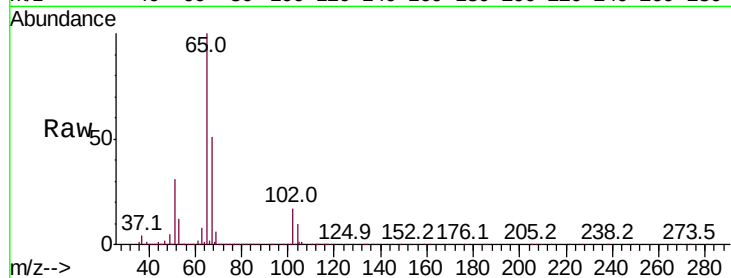
67 50.4 39.9 59.9

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

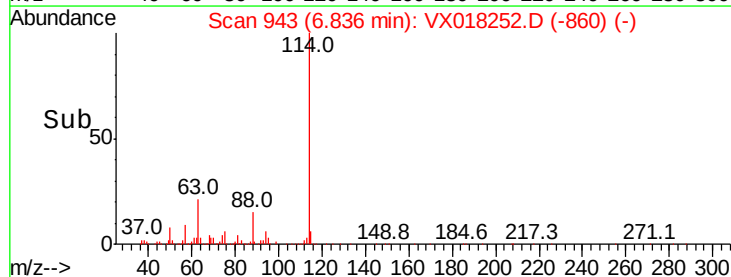
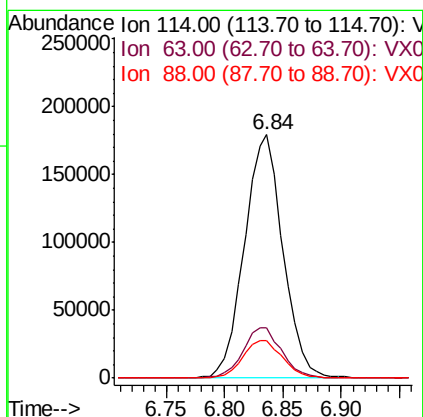
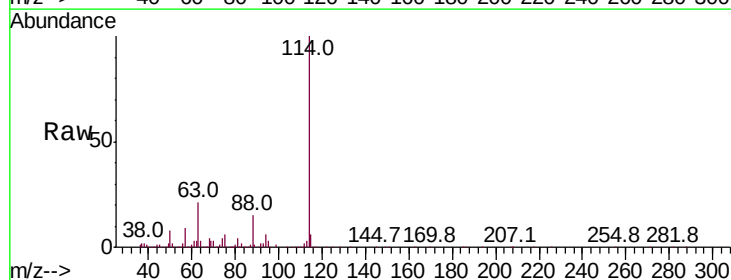
Tgt Ion: 114 Resp: 413181

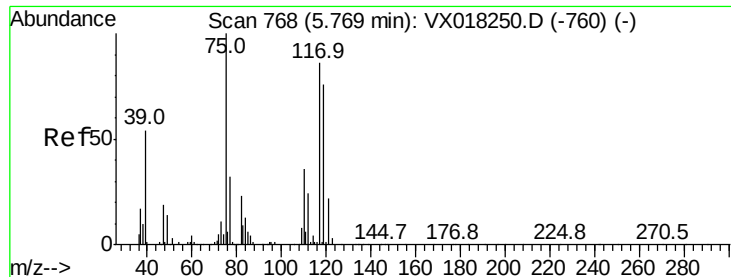
Ion Ratio Lower Upper

114 100

63 20.9 16.7 25.1

88 16.1 12.6 18.8





#29

1,1-Dichloropropene

Concen: 133.708 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

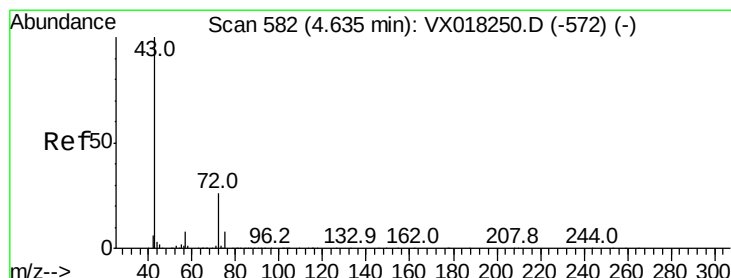
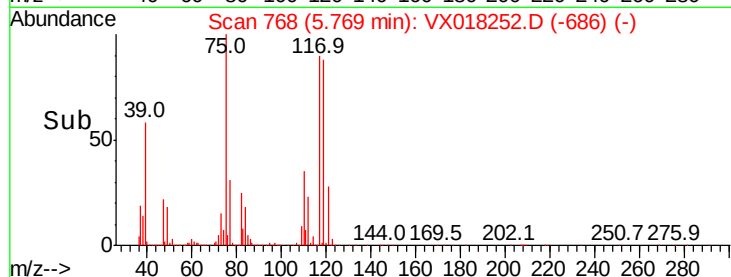
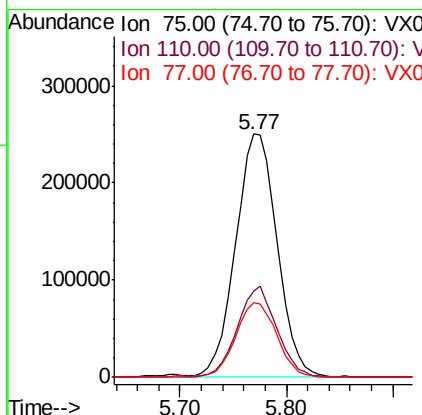
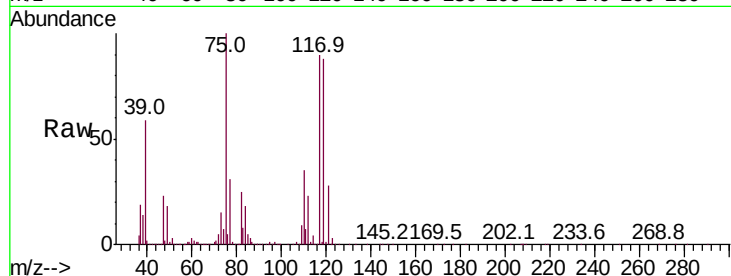
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	687626
Ion Ratio	Lower	Upper	
75	100		
110	35.4	0.0	72.2
77	29.9	0.0	61.0

Manual Integrations
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#30

2-Butanone

Concen: 649.929 ug/l

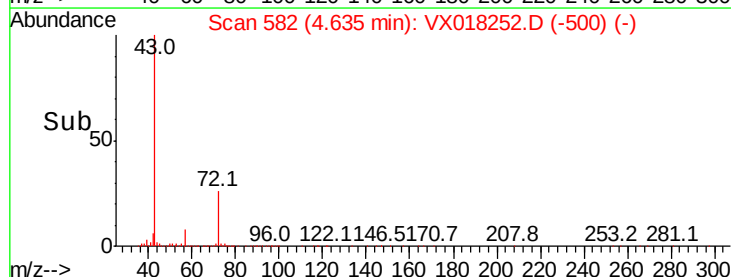
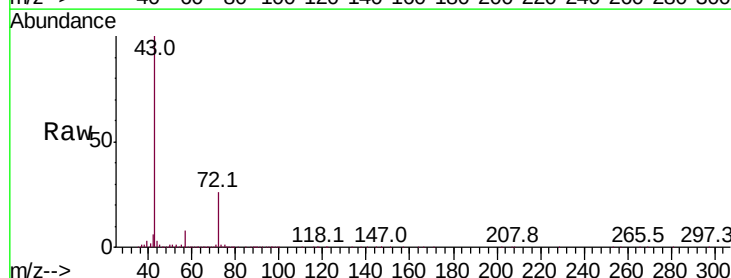
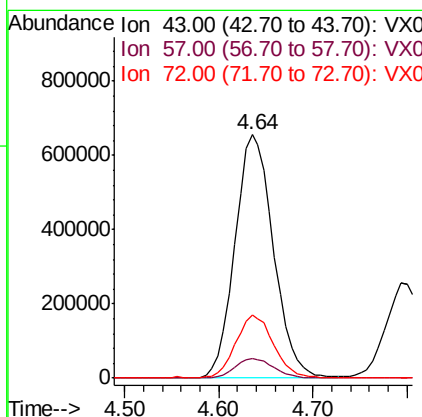
RT: 4.64 min Scan# 582

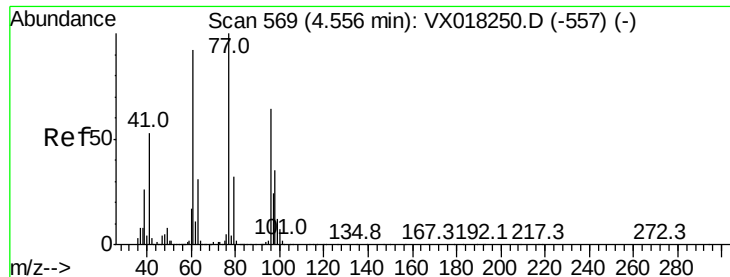
Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion:	43	Resp:	1863177
Ion Ratio	Lower	Upper	
43	100		
57	8.1	6.7	10.1
72	25.4	20.0	30.0





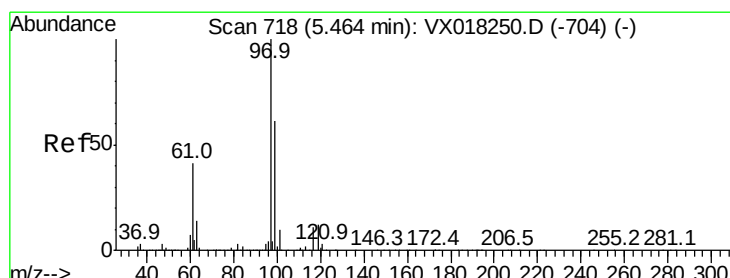
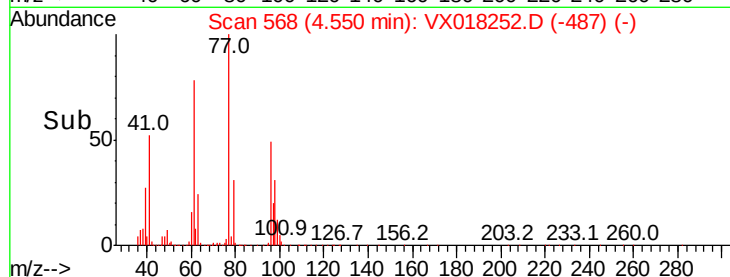
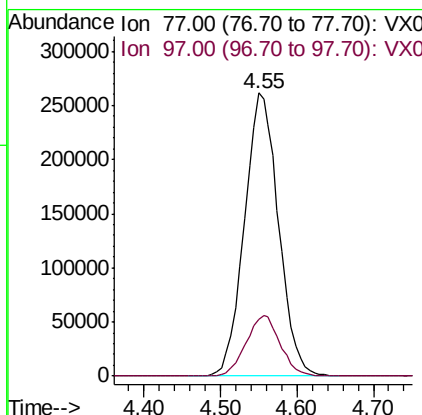
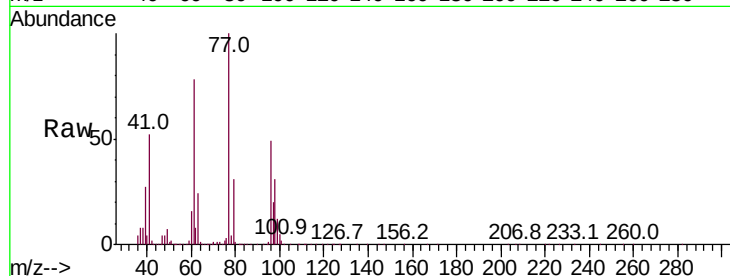
#31
 2,2-Dichloropropane
 Concen: 125.790 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
77	100		
97	21.5	18.1	27.1

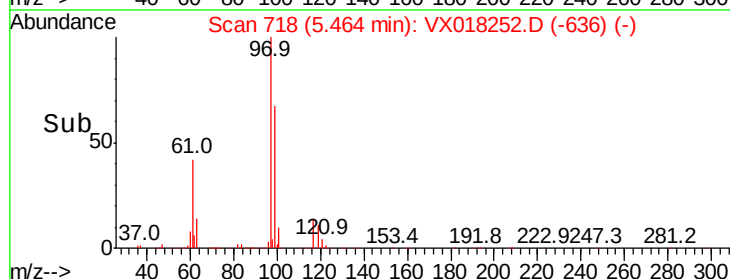
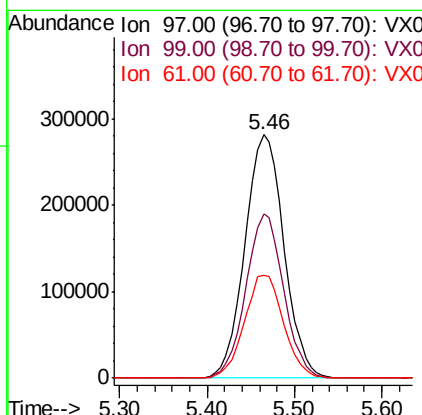
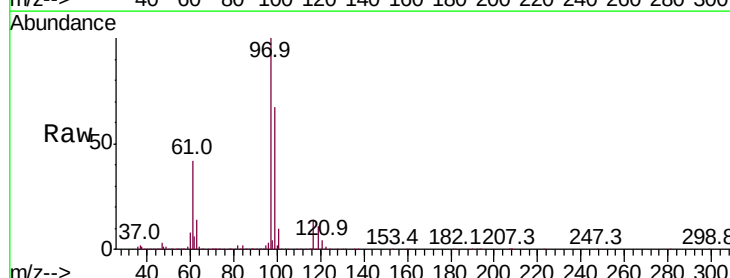
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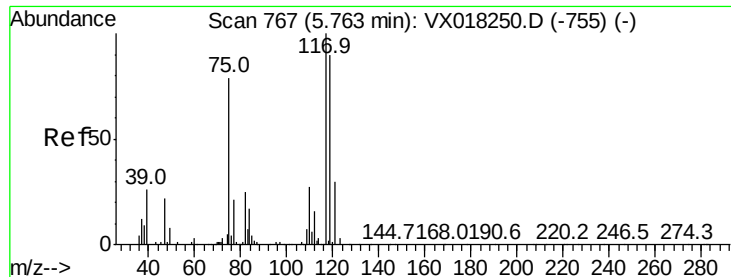
MMDadoda
 9/8/2020 5:16:52 PM



#32
 1,1,1-Trichloroethane
 Concen: 127.106 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.7	76.1
61	42.3	34.5	51.7





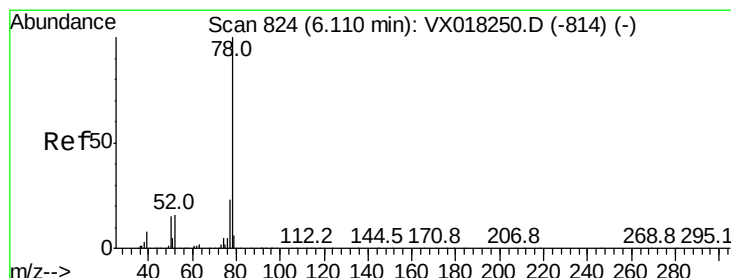
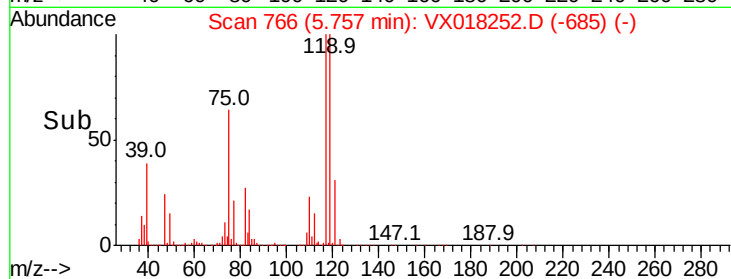
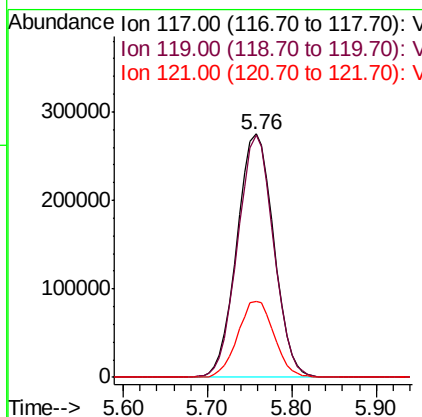
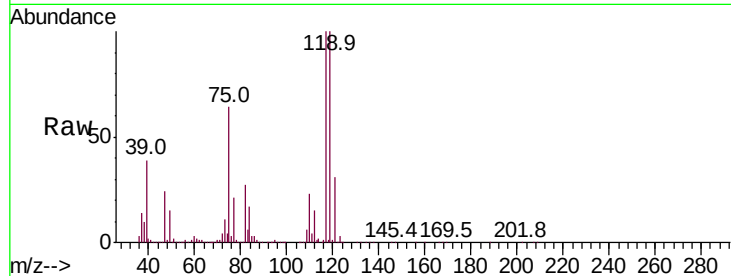
#33
Carbon Tetrachloride
Concen: 128.078 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	117	Resp:	816860
Ion Ratio	Lower	Upper	
117	100		
119	99.5	72.3	108.5
121	31.1	24.1	36.1

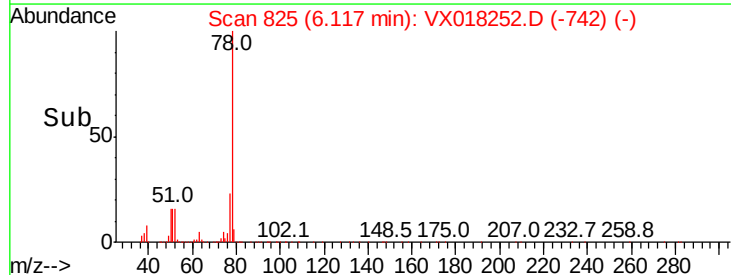
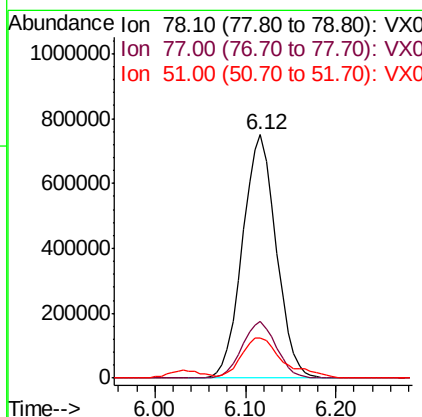
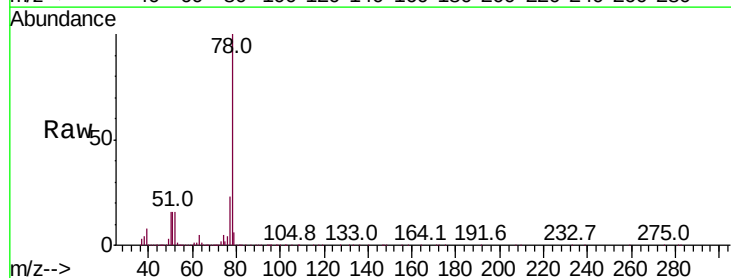
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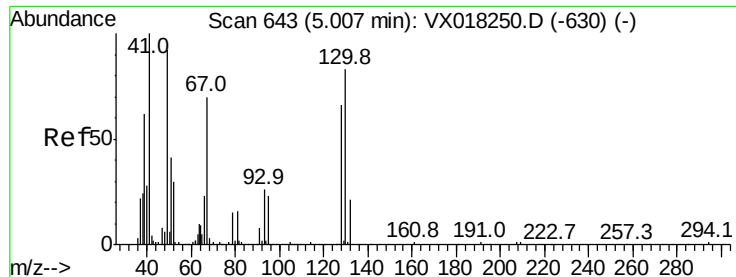
MMDadoda
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#34
Benzene
Concen: 131.290 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion:	78	Resp:	1927355
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.3	27.5
51	16.1	11.3	16.9





#35

Methacrylonitrile

Concen: 133.033 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

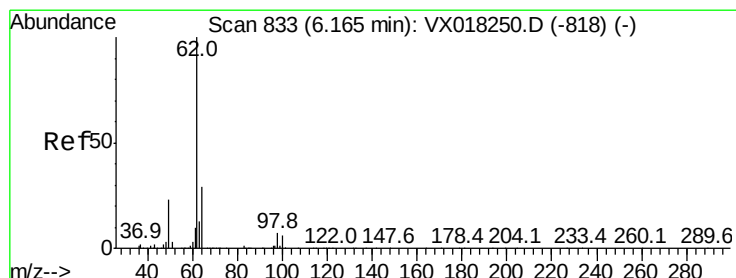
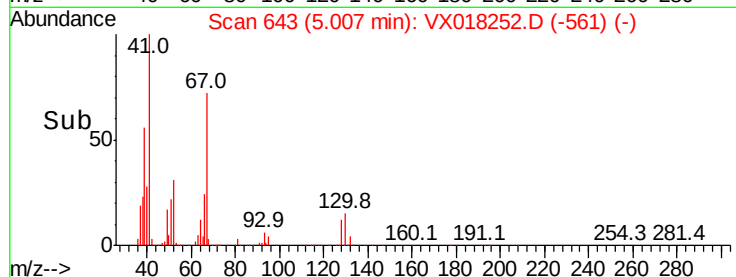
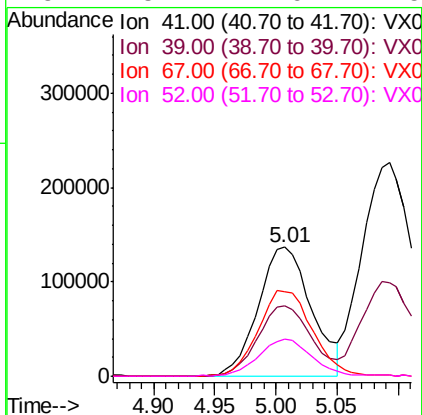
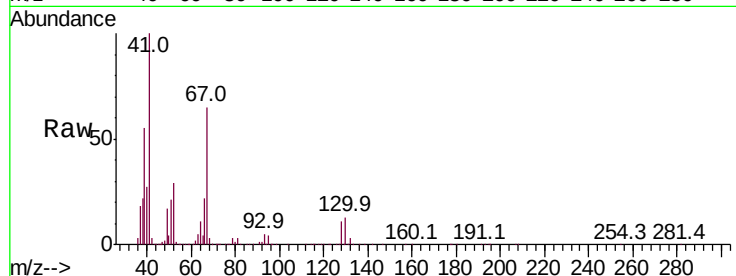
ClientSampleId :

VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		412364		
39	54.7	31.3	93.9		
67	65.5	35.4	106.2		
52	28.4	14.9	44.5		

Manual Integrations
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#36

1,2-Dichloroethane

Concen: 129.606 ug/l

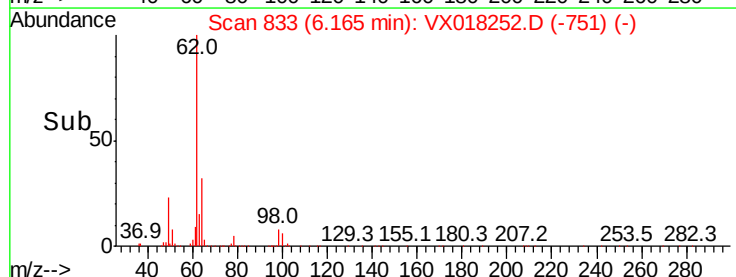
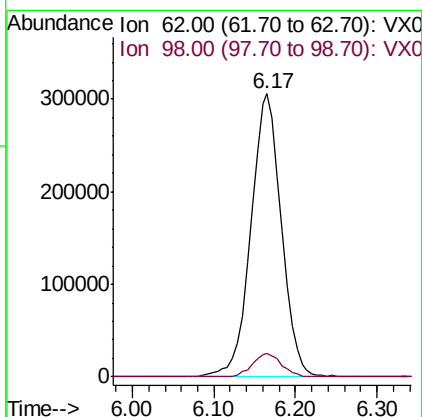
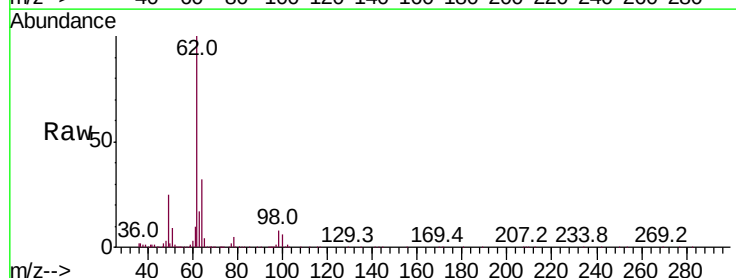
RT: 6.17 min Scan# 833

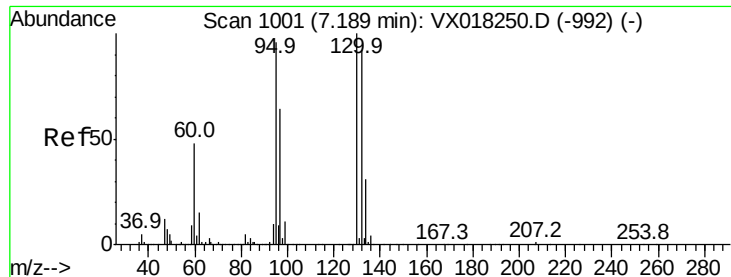
Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		797504		
98	8.0	0.0	0.0#		





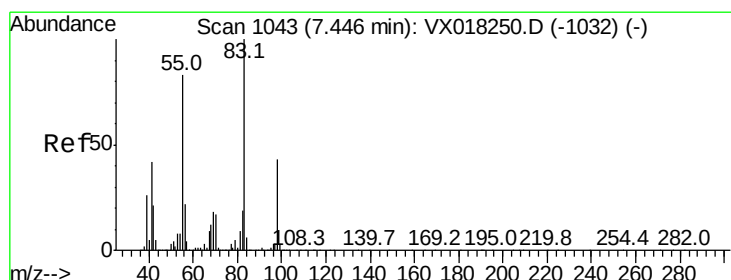
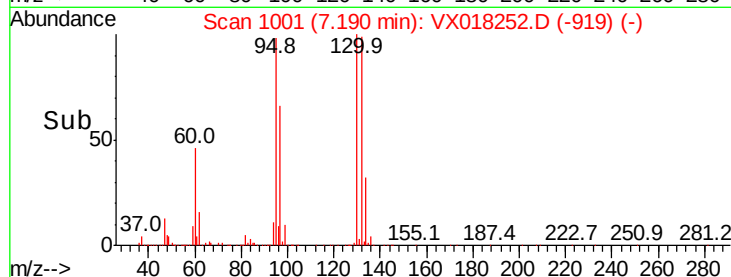
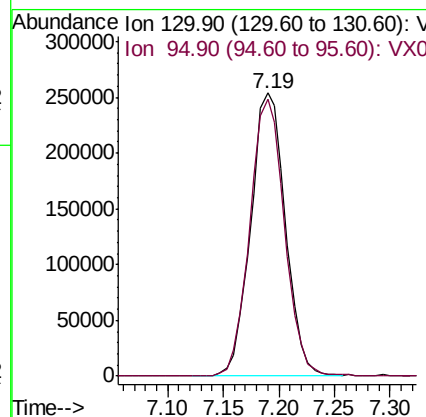
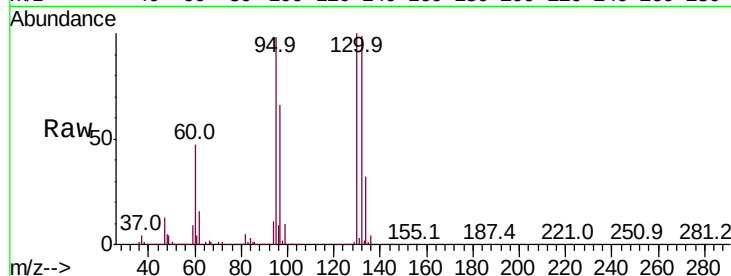
#37
 Trichloroethene
 Concen: 128.617 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
130	100		
95	98.0	76.9	115.3

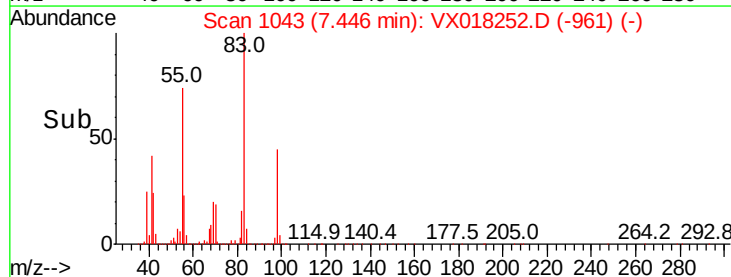
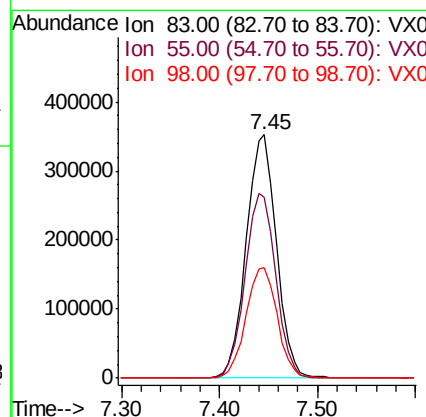
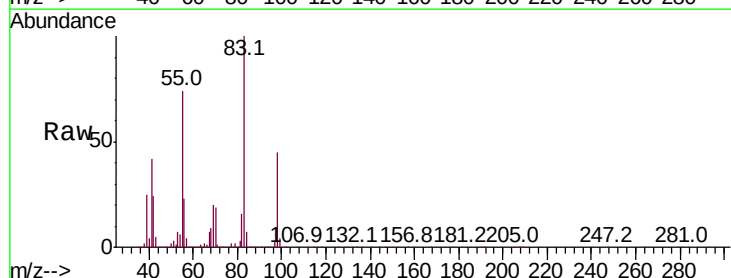
Manual Integrations
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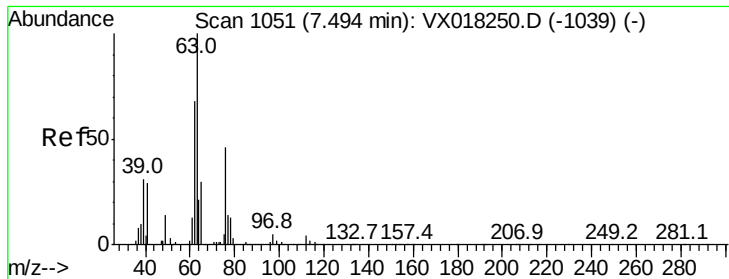
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#38
 Methylcyclohexane
 Concen: 126.269 ug/l
 RT: 7.45 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.4	41.1	123.4
98	47.2	24.0	72.0





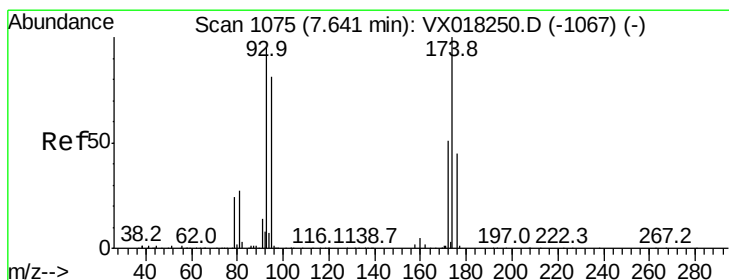
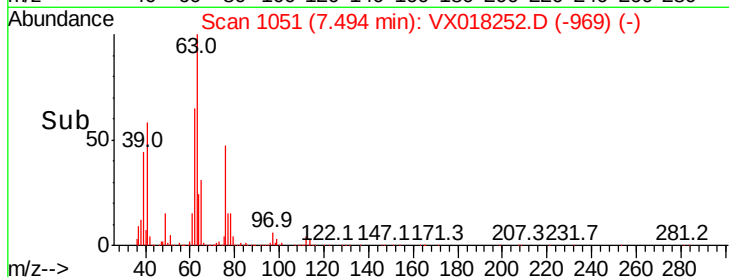
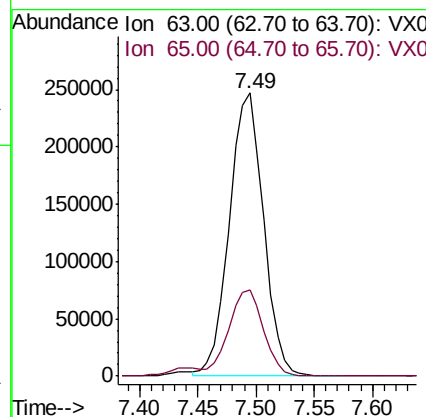
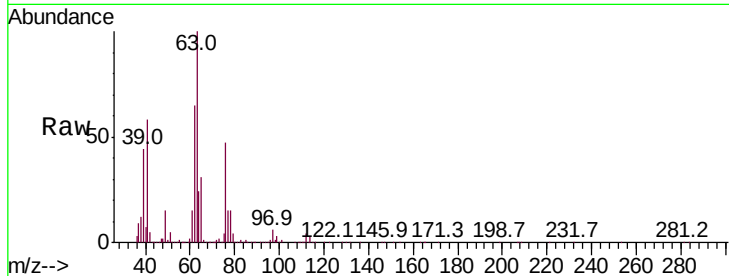
#39
 1,2-Dichloropropane
 Concen: 126.954 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.7	38.5

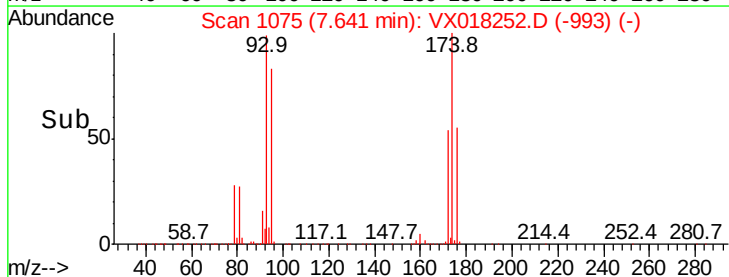
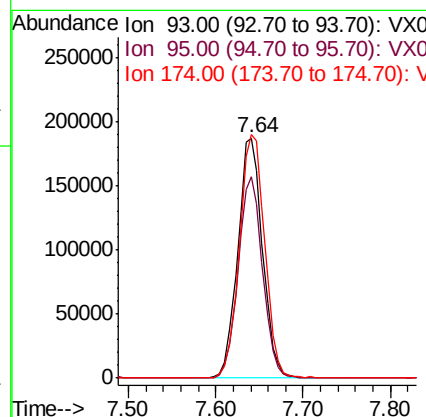
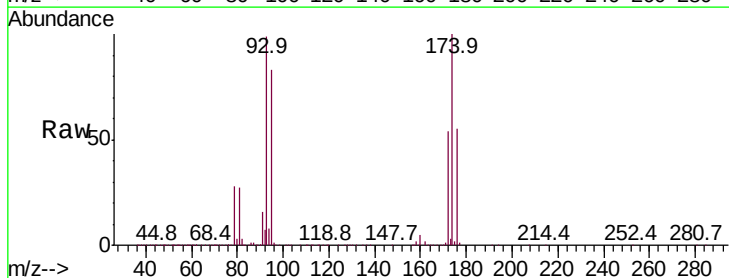
Manual Integrations
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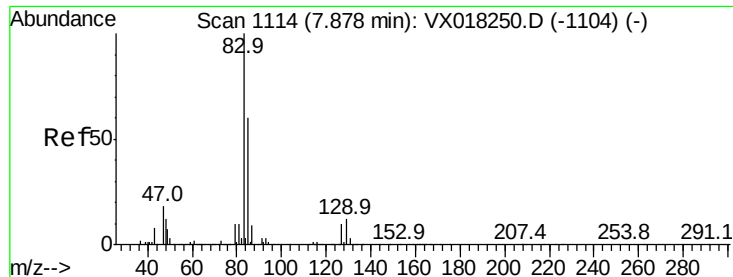
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#40
 Dibromomethane
 Concen: 129.953 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	0.0	167.0
174	103.4	0.0	202.0





#41

Bromodichloromethane

Concen: 126.223 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

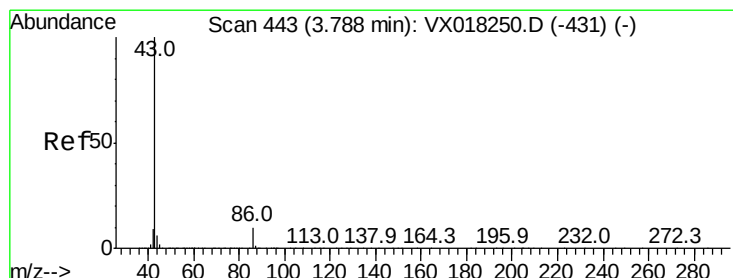
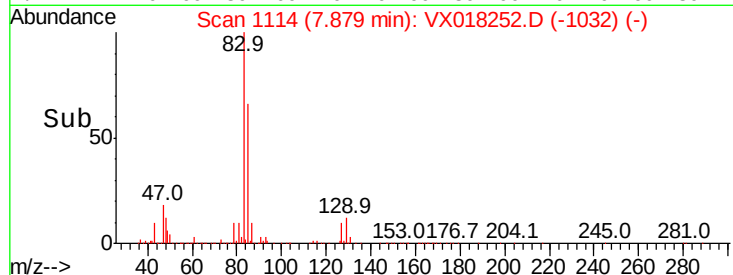
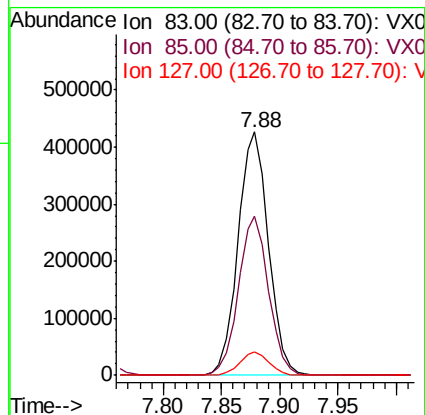
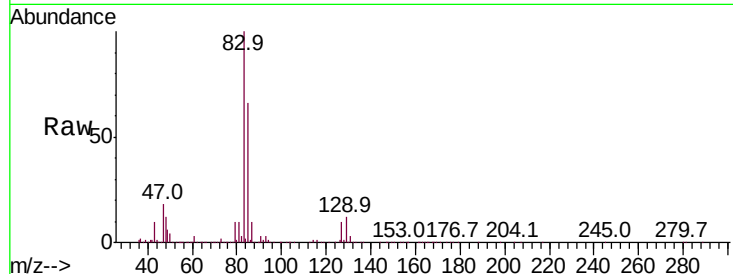
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	774466
Ion Ratio	Lower	Upper	
83	100		
85	65.5	48.2	72.2
127	9.5	8.0	12.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 715.061 ug/l

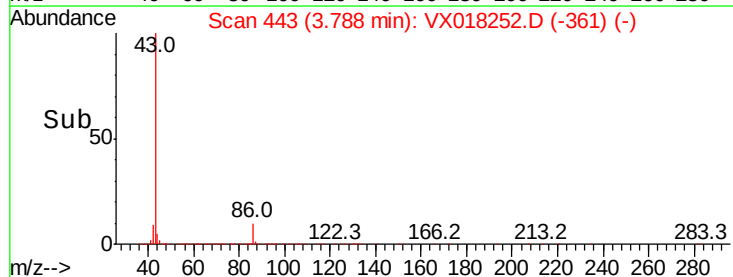
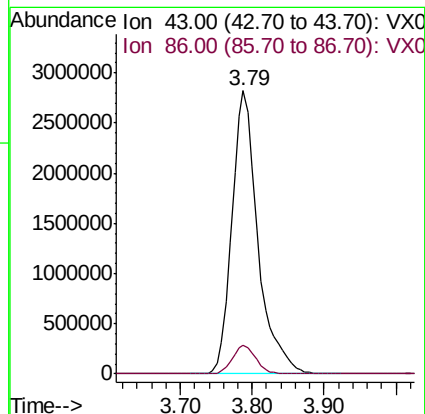
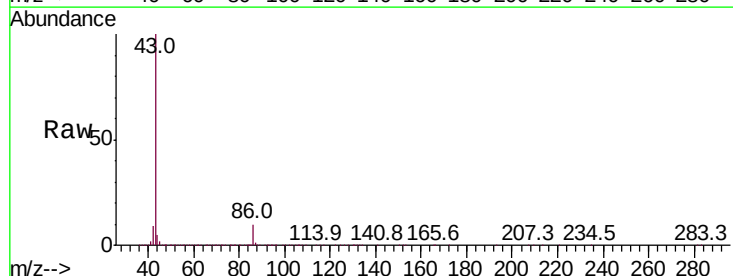
RT: 3.79 min Scan# 443

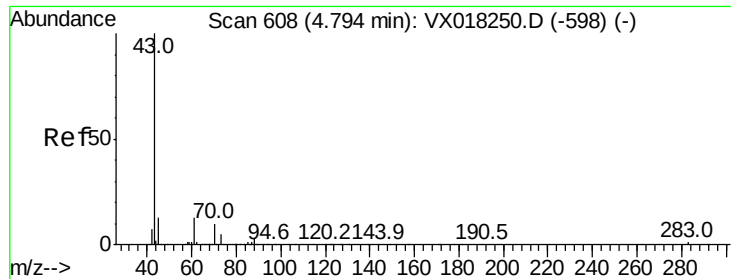
Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion:	43	Resp:	7087358
Ion Ratio	Lower	Upper	
43	100		
86	9.2	7.2	10.8





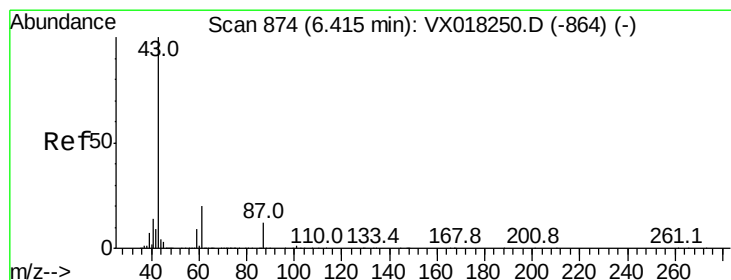
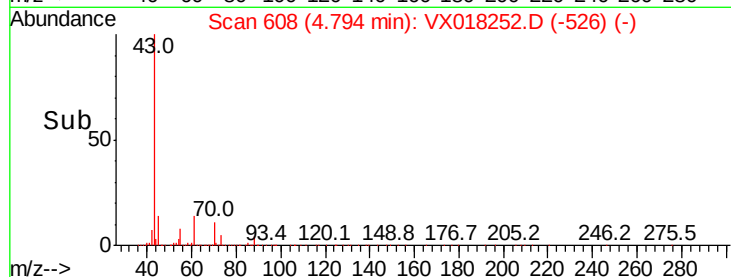
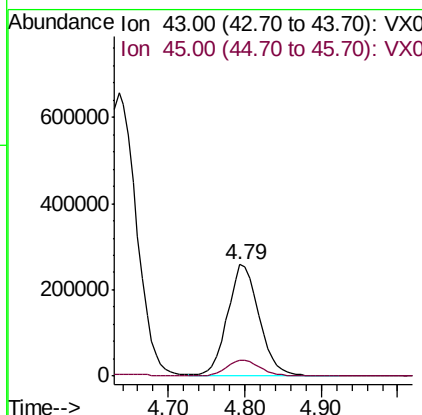
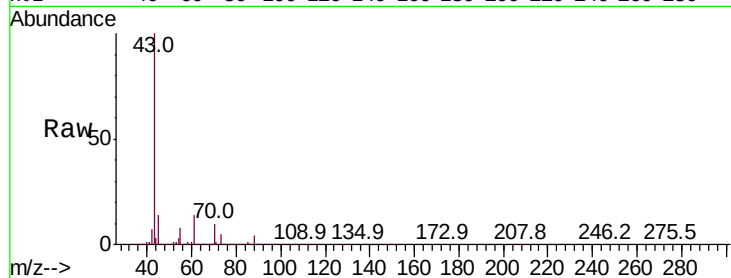
#43
Ethyl Acetate
Concen: 135.692 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.8	11.2	16.8

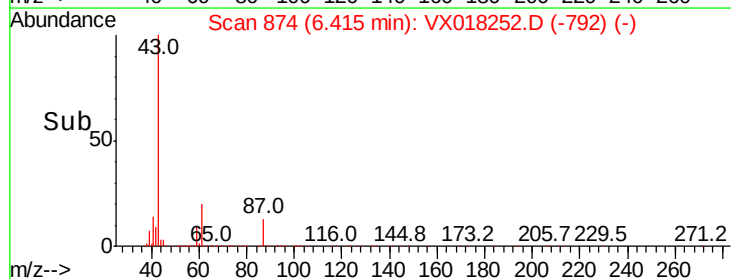
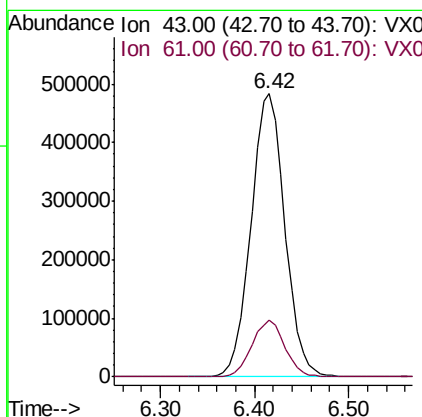
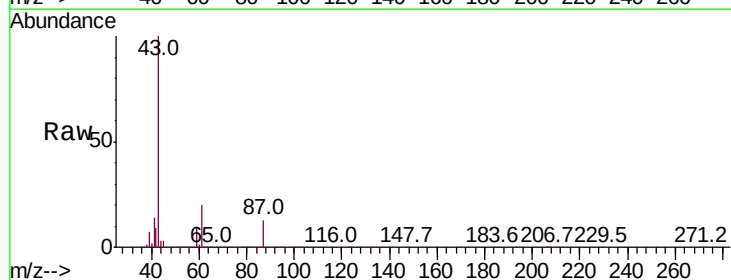
Manual Integrations
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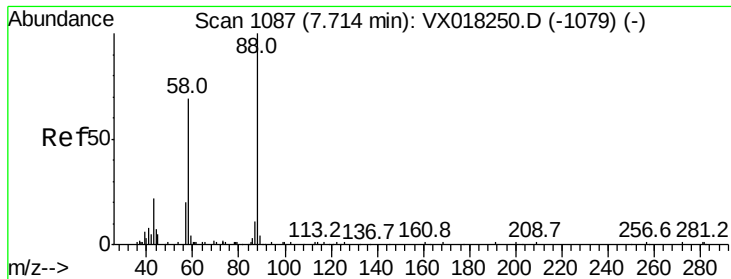
MMDadoda
9/8/2020 5:16:52 PM



#44
Isopropyl Acetate
Concen: 129.355 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	14.6	22.0





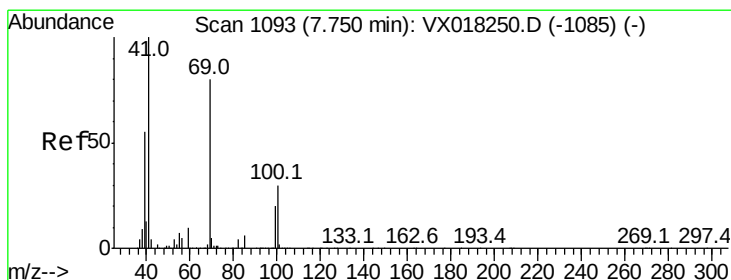
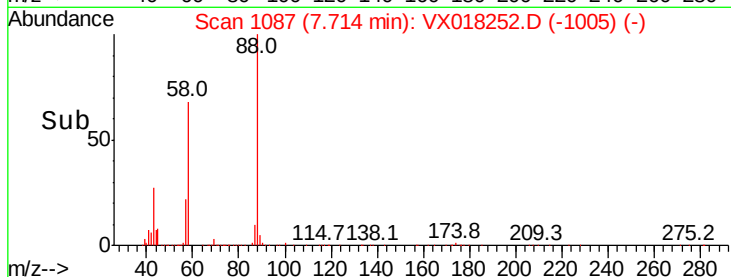
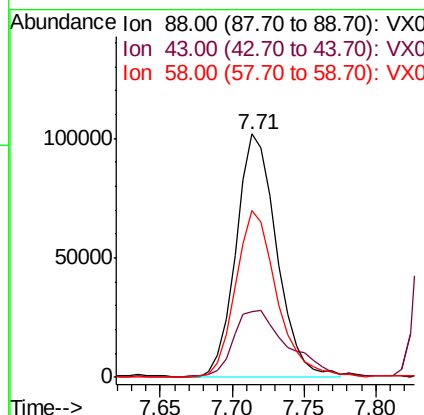
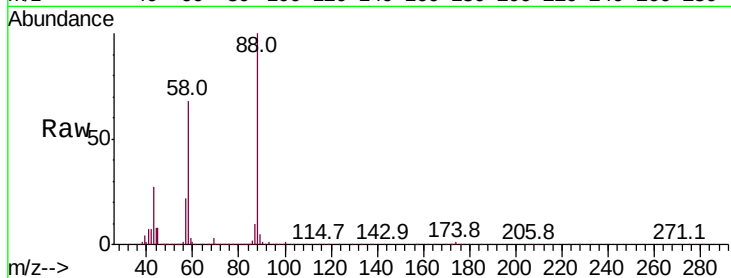
#45
1,4-Dioxane
Concen: 2303.620 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	13.6	20.4#
58	69.5	58.2	87.4

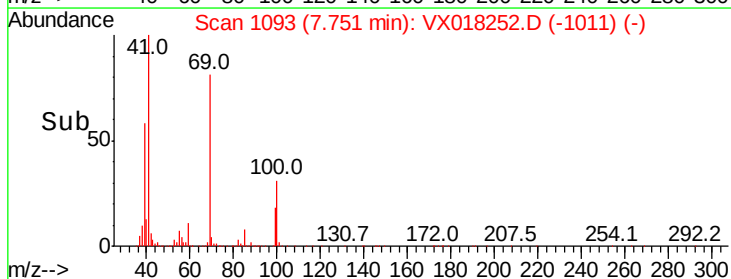
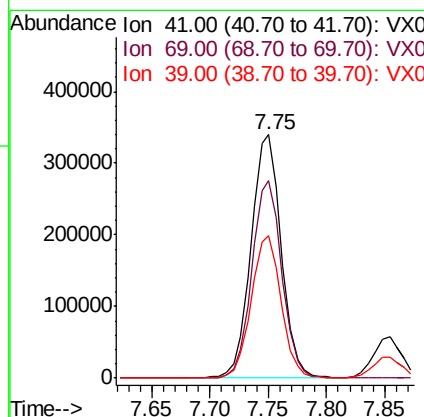
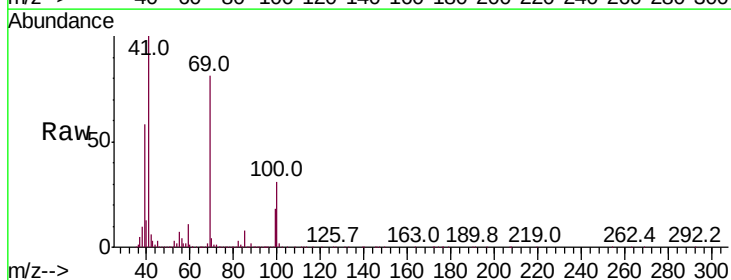
Manual Integrations
APPROVED

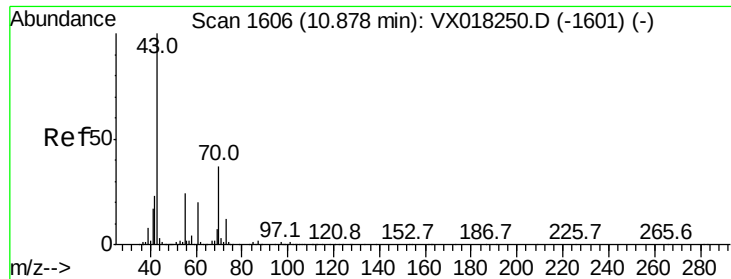
MMDadoda
9/8/2020 5:16:52 PM



#46
Methyl methacrylate
Concen: 133.953 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.4	40.3	120.8
39	58.4	27.3	81.9





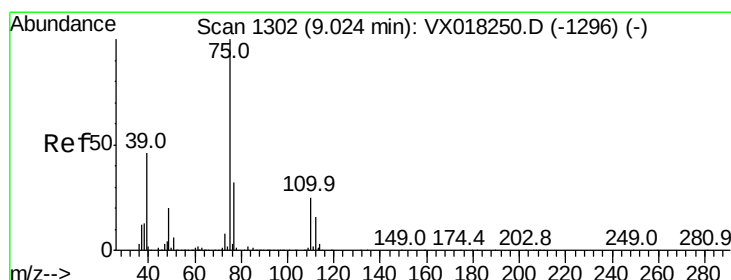
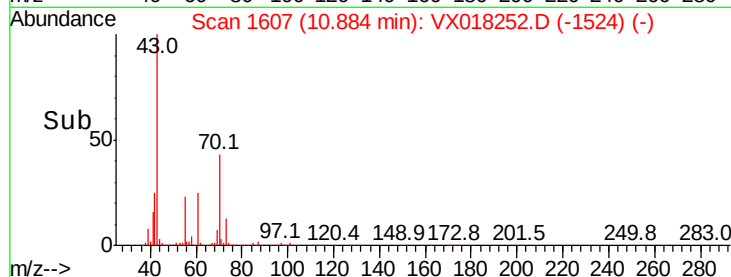
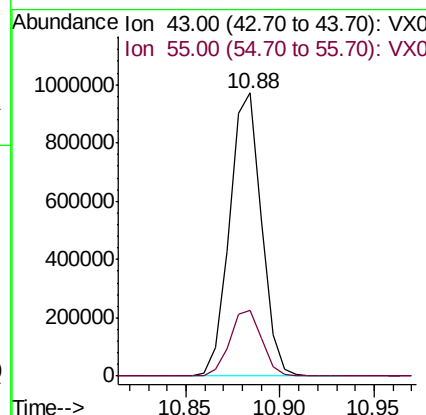
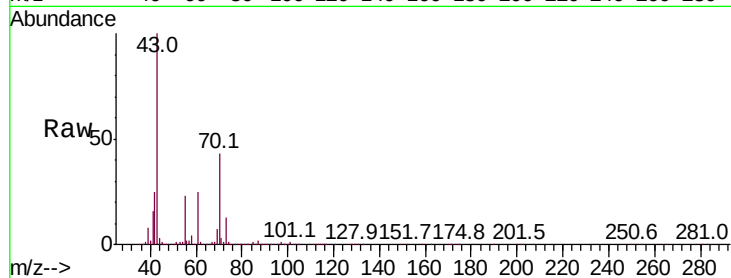
#47
 n-amvl Acetate
 Concen: 146.534 ug/l
 RT: 10.88 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion: 43 Resp: 1136851
 Ion Ratio Lower Upper
 43 100
 55 23.3 18.9 28.3

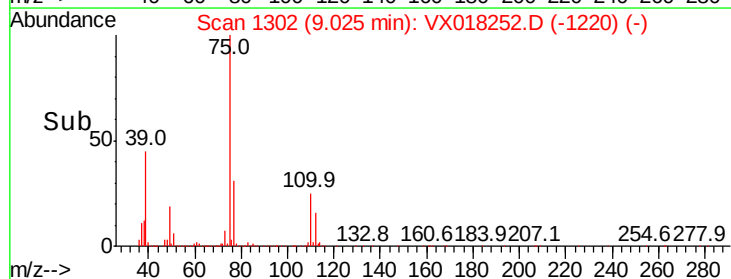
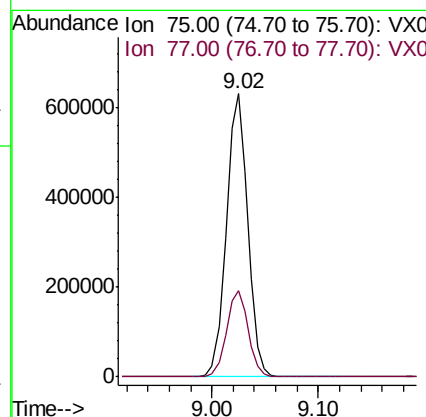
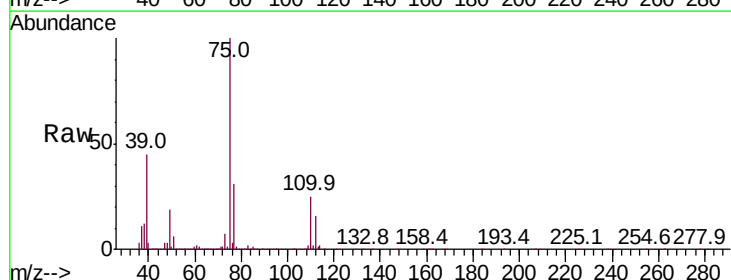
Manual Integrations
 APPROVED

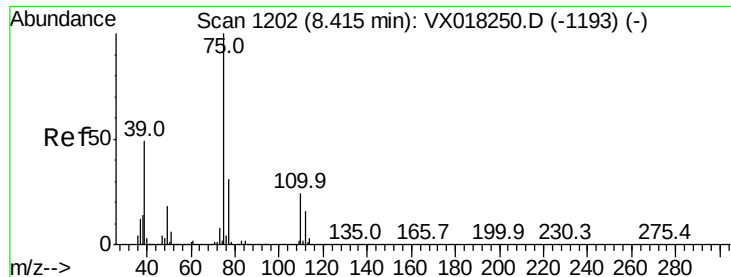
MMDadoda
 9/8/2020 5:16:52 PM



#48
 t-1,3-Dichloropropene
 Concen: 133.953 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Tgt Ion: 75 Resp: 880949
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2





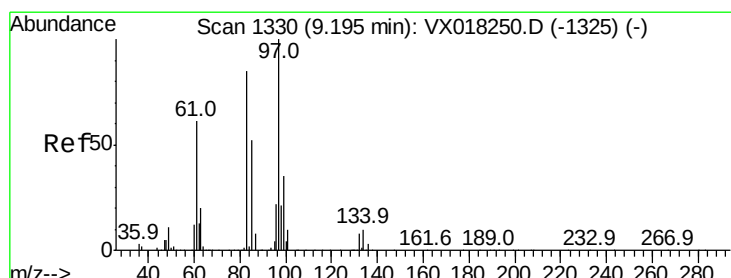
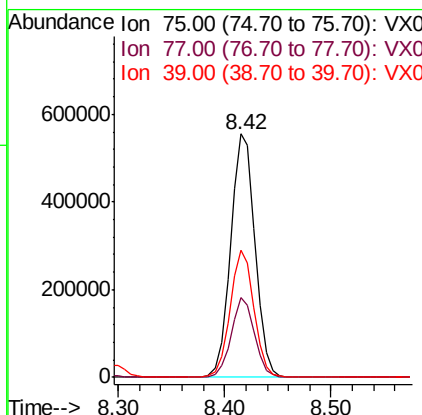
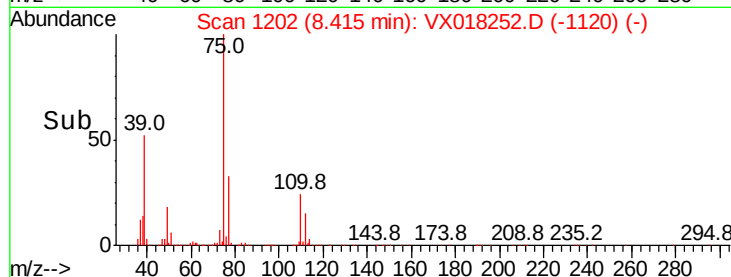
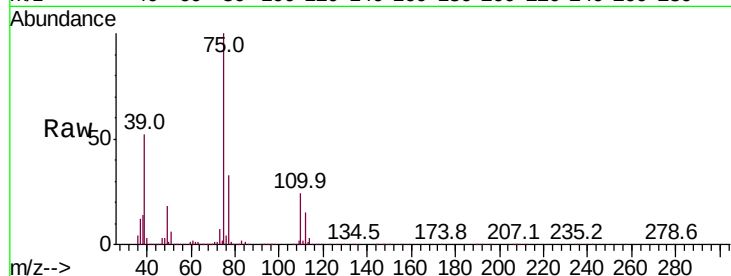
#49
 cis-1,3-Dichloropropene
 Concen: 125.409 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
77	32.8		24.7	37.1
39	51.9		39.6	59.4

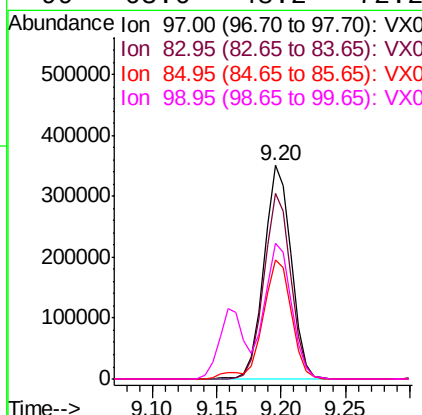
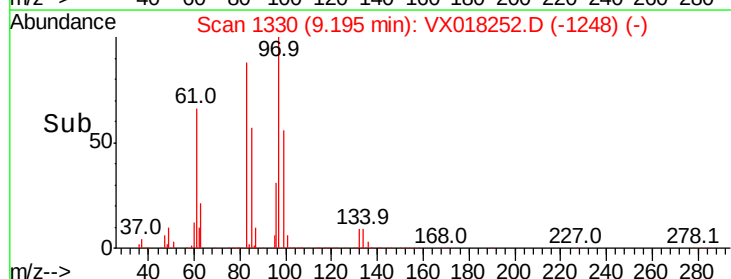
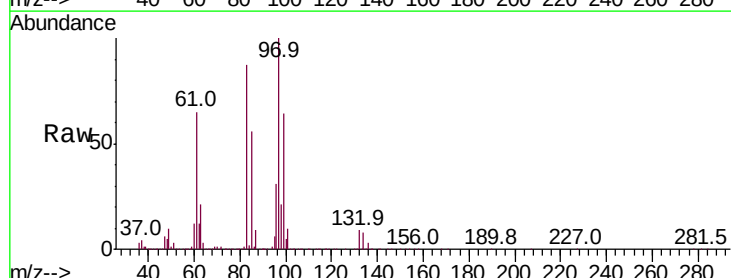
Manual Integrations
 APPROVED

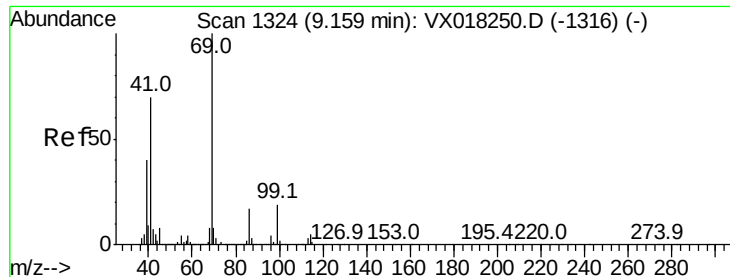
MMDadoda
 9/8/2020 5:16:52 PM



#50
 1,1,2-Trichloroethane
 Concen: 129.702 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
83	86.7		68.1	102.1
85	55.8		42.6	64.0
99	63.6		48.2	72.2





#51

Ethyl methacrylate

Concen: 138.235 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

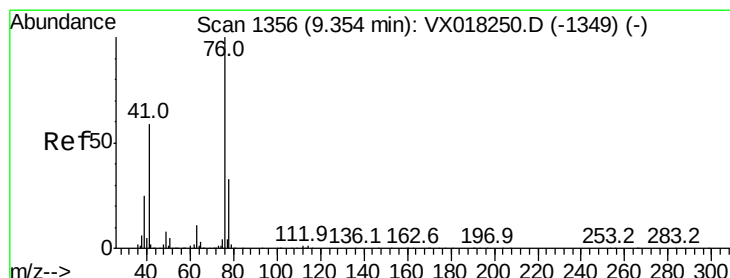
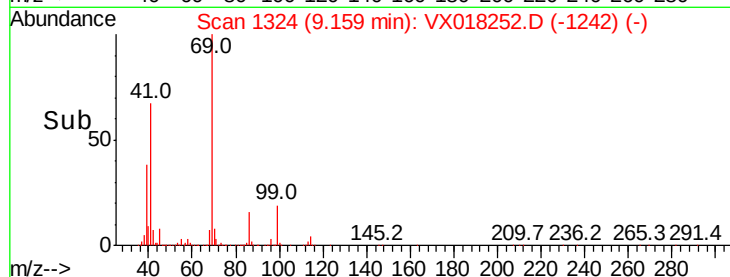
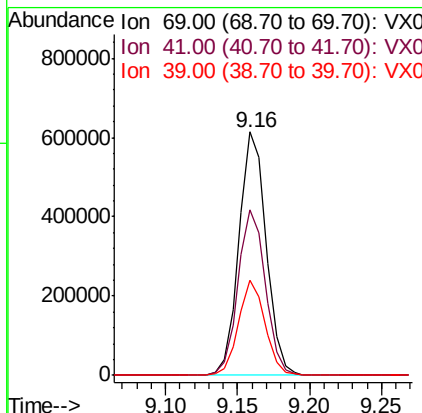
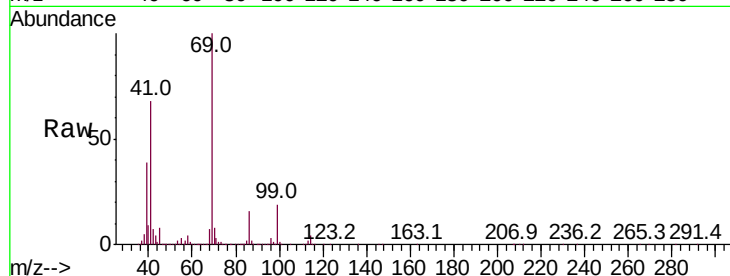
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	806093
Ion Ratio	Lower	Upper	
69	100		
41	68.0	34.9	104.7
39	38.8	19.8	59.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 132.191 ug/l

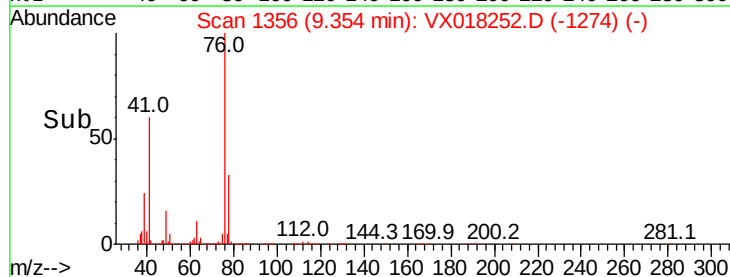
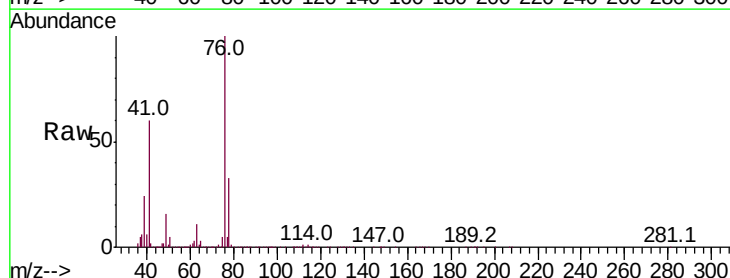
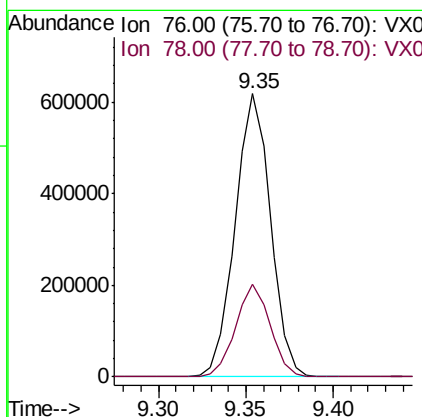
RT: 9.35 min Scan# 1356

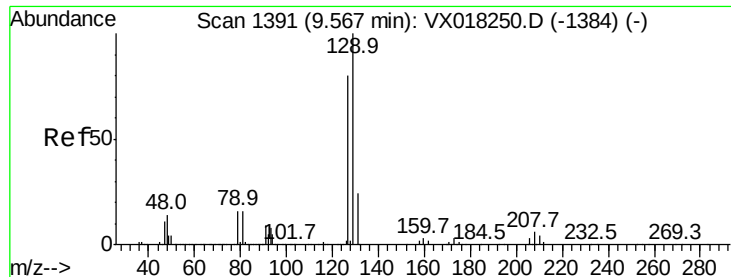
Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion:	76	Resp:	868232
Ion Ratio	Lower	Upper	
76	100		
78	32.0	0.0	62.2





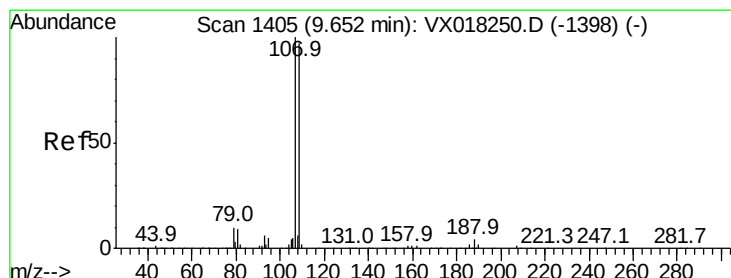
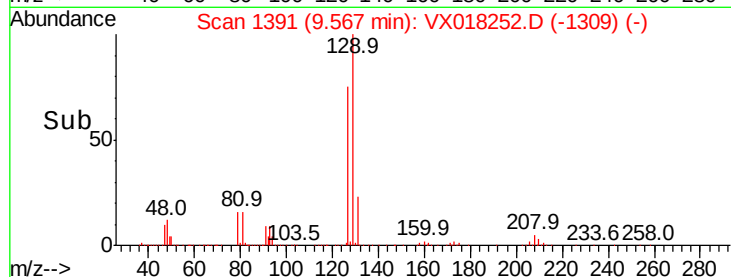
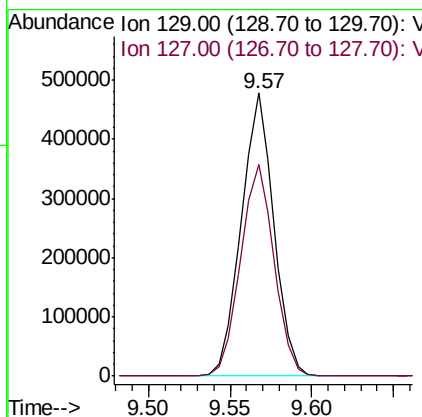
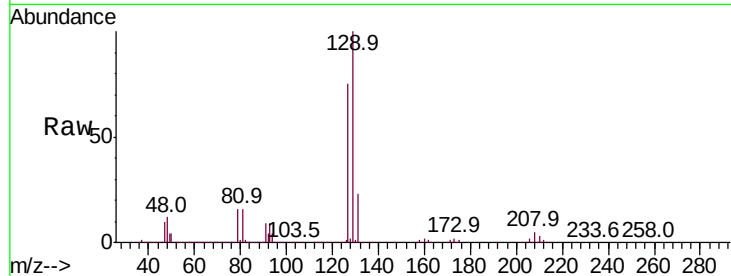
#53
Dibromochloromethane
Concen: 131.014 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
129	100	665476		
127	76.8	38.9	116.6	

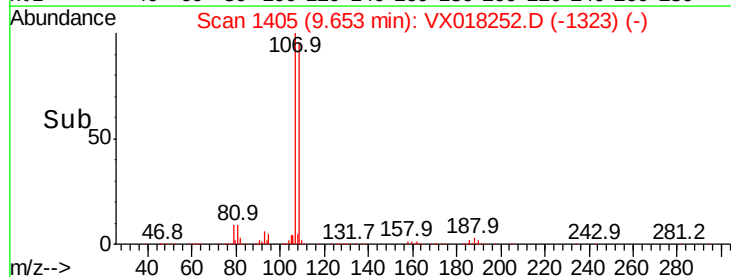
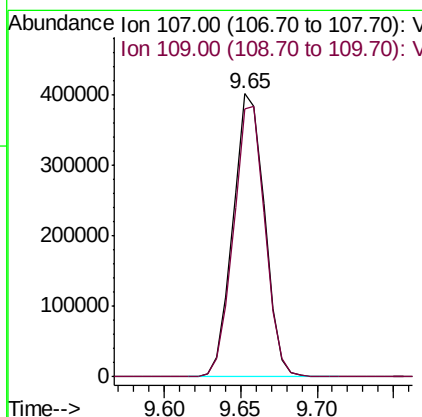
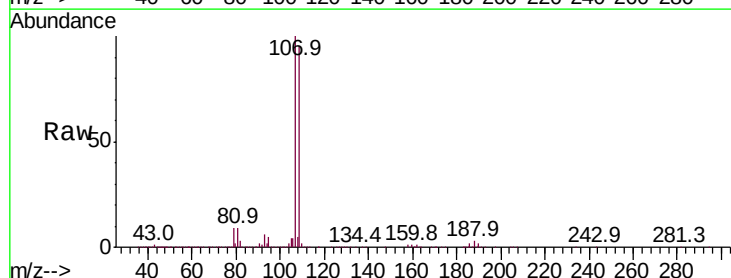
Manual Integrations
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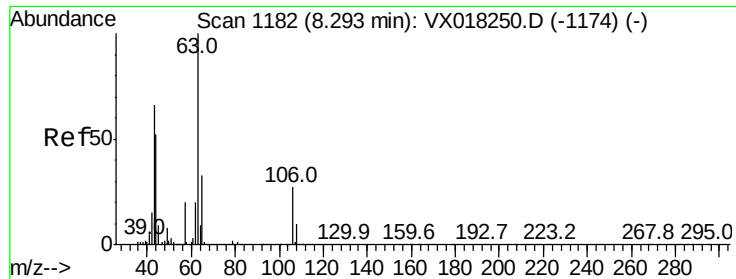
MMDadoda
9/8/2020 5:16:52 PM



#54
1,2-Dibromoethane
Concen: 131.319 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	575694		
109	95.4	77.8	116.6	





#55

2-Chloroethyl vinyl ether

Concen: 672.103 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 2121268

Ion Ratio Lower Upper

63 100

65 31.7 26.0 39.0

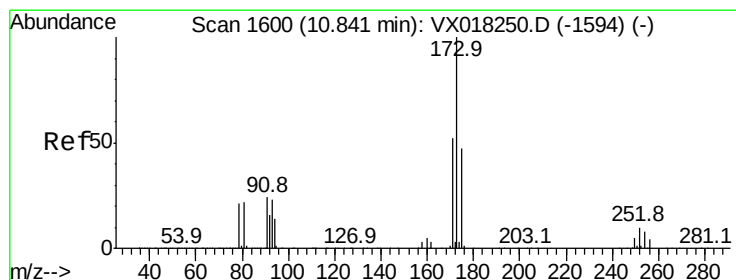
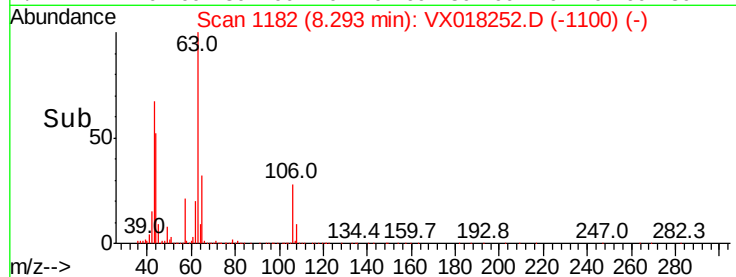
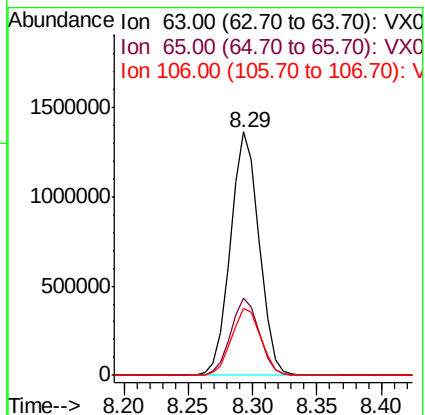
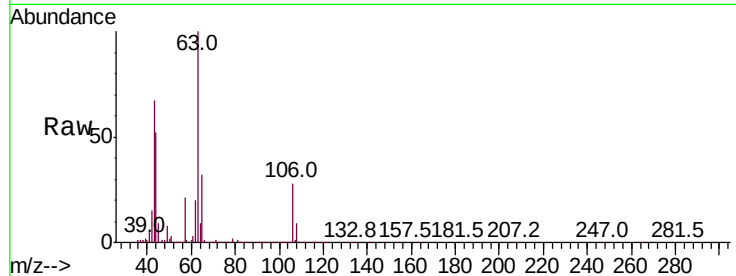
106 28.1 22.3 33.5

Manual Integrations

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#56

Bromoform

Concen: 136.697 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

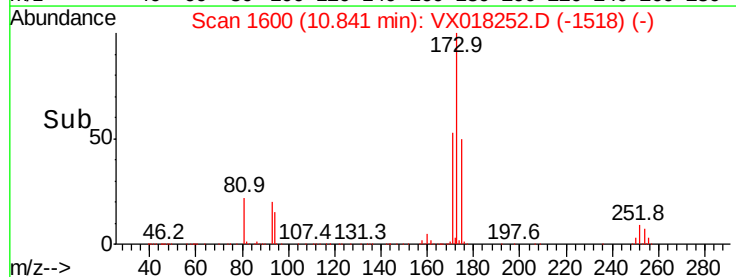
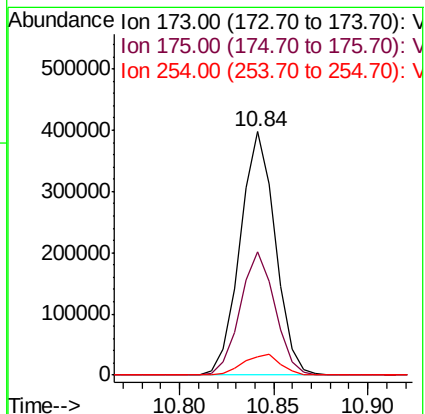
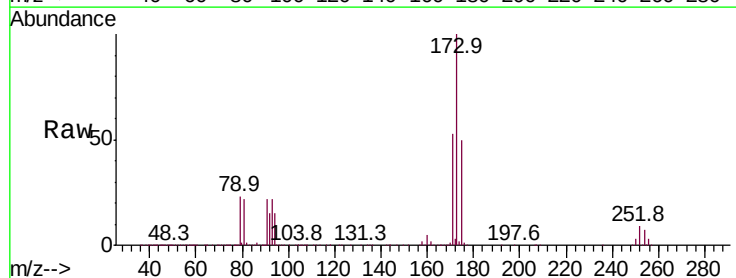
Tgt Ion: 173 Resp: 515043

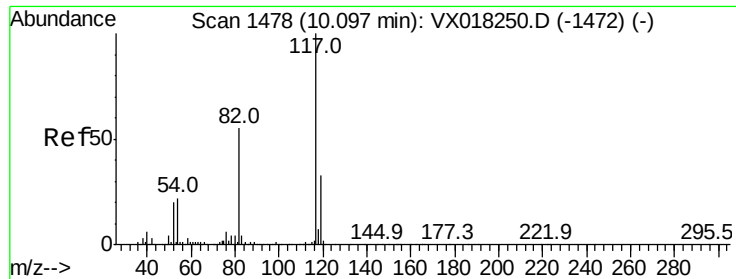
Ion Ratio Lower Upper

173 100

175 50.0 40.2 60.2

254 8.7 7.3 10.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

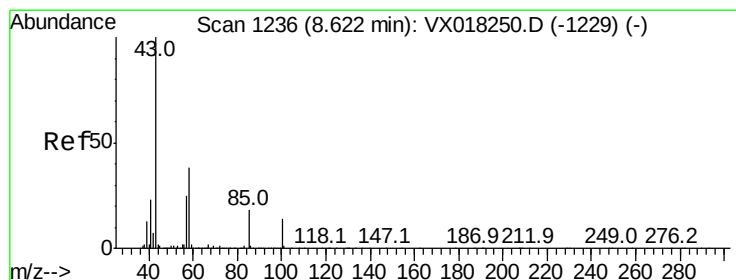
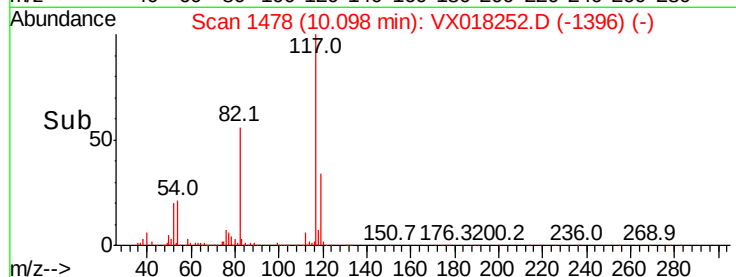
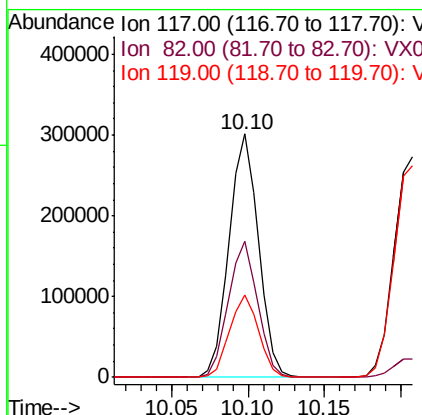
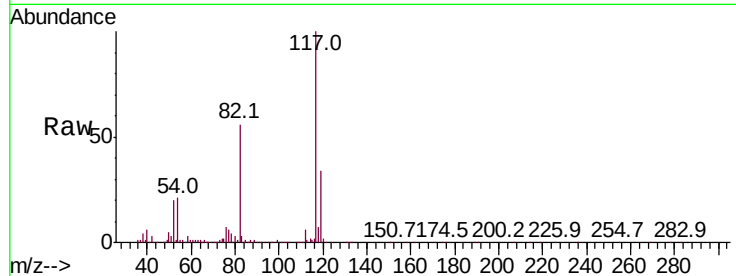
ClientSampleId :

VSTDIC100

Tot Ion:	117	Resp:	402555
Ion Ratio	Lower	Upper	
117	100		
82	55.5	44.2	66.4
119	33.3	26.1	39.1

Manual Integrations
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#58

4-Methyl-2-Pentanone

Concen: 644.108 ug/l

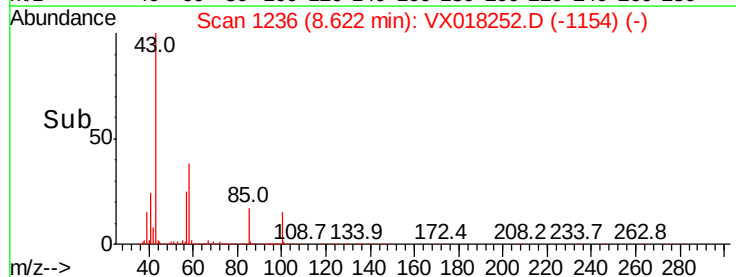
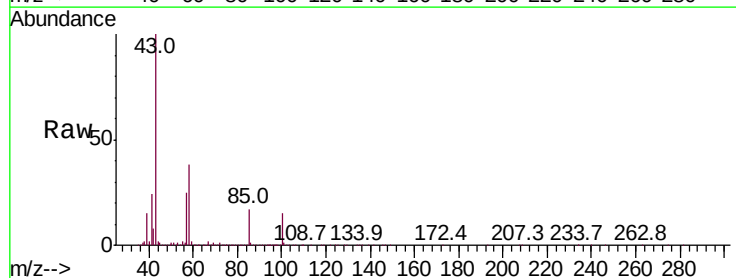
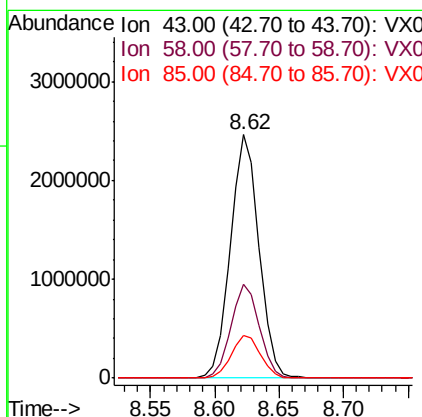
RT: 8.62 min Scan# 1236

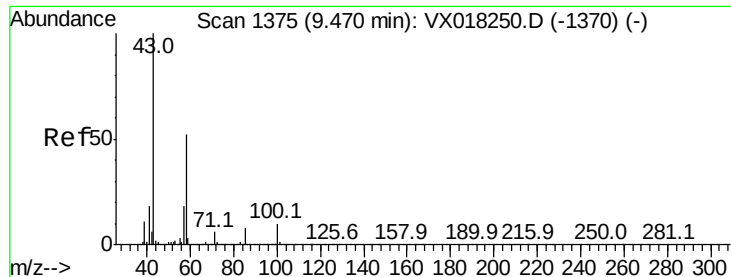
Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion:	43	Resp:	3802402
Ion Ratio	Lower	Upper	
43	100		
58	38.4	30.0	45.0
85	17.8	14.2	21.4





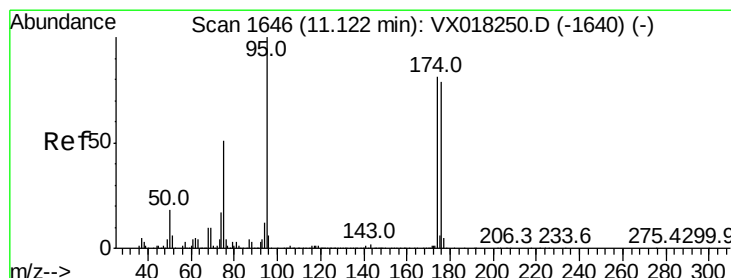
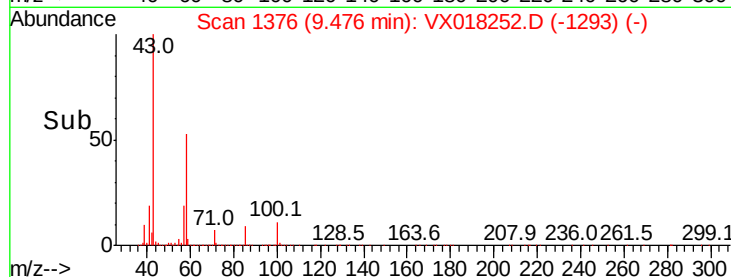
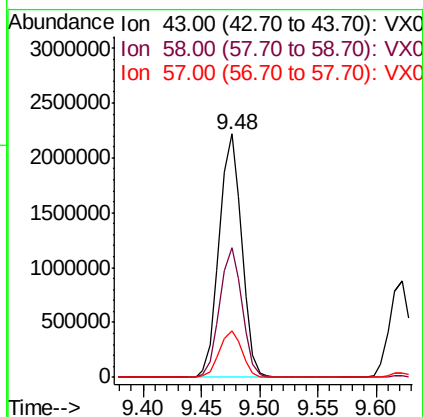
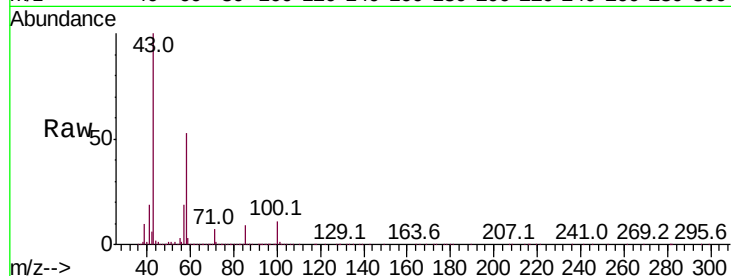
#59
2-Hexanone
Concen: 691.480 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.1	42.5	63.7
57	19.1	14.8	22.2

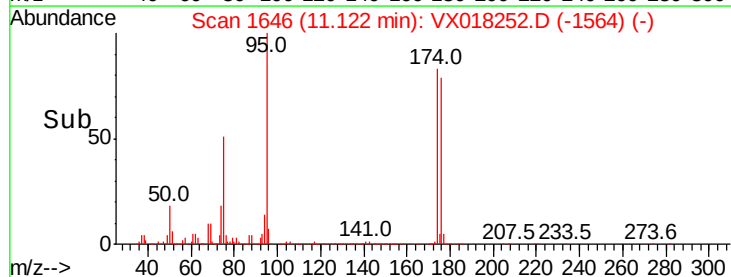
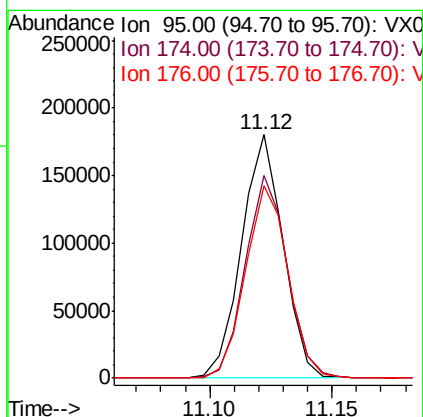
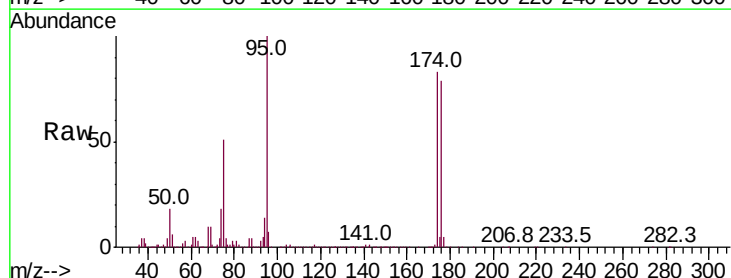
Manual Integrations
APPROVED

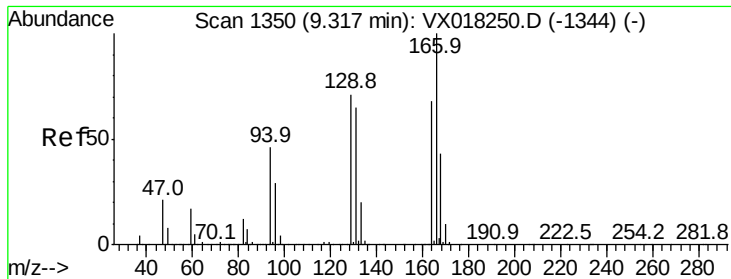
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 31.262 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	64.2	96.4
176	81.5	62.2	93.4





#61

Tetrachloroethene

Concen: 116.510 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

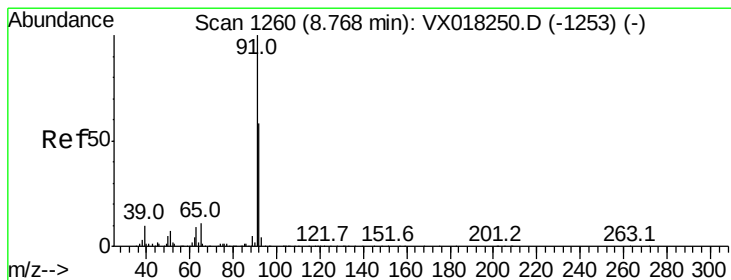
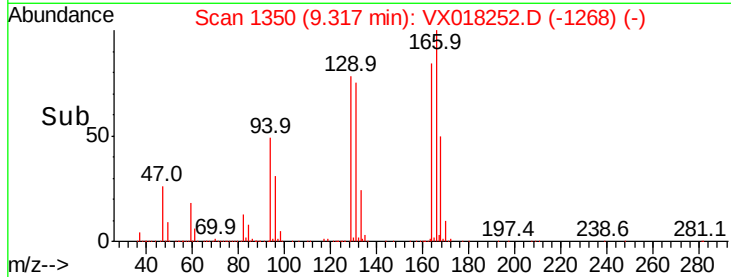
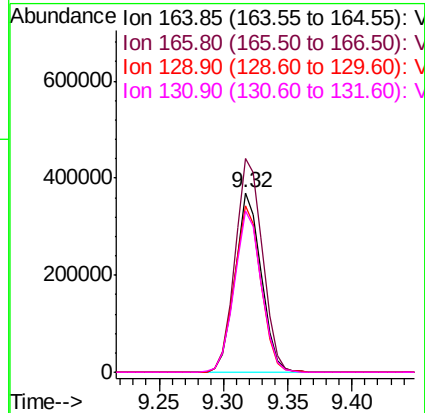
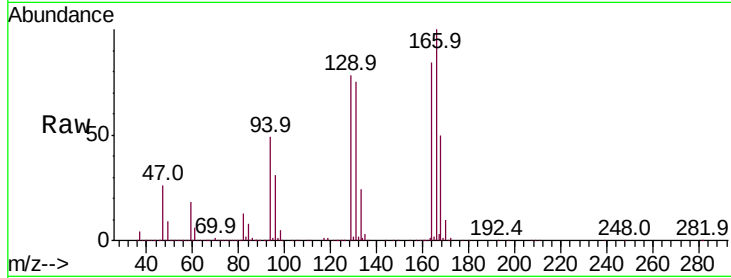
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
164	100		
166	118.9	117.4	176.0
129	93.0	82.7	124.1
131	89.7	76.7	115.1

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#62

Toluene

Concen: 128.620 ug/l

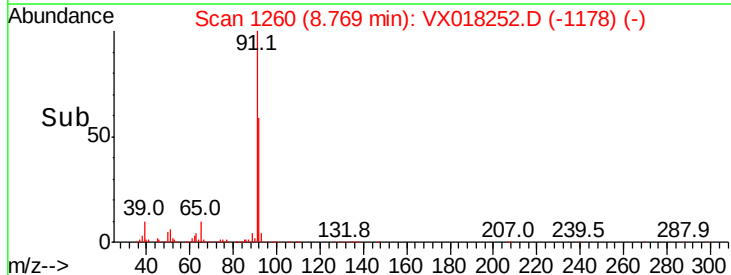
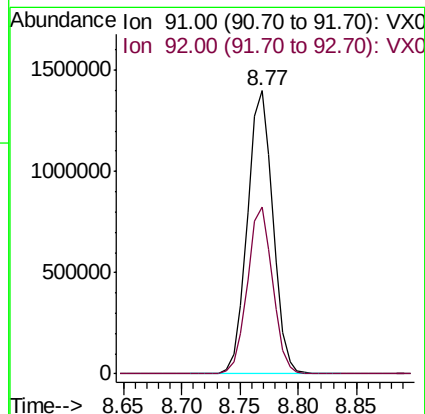
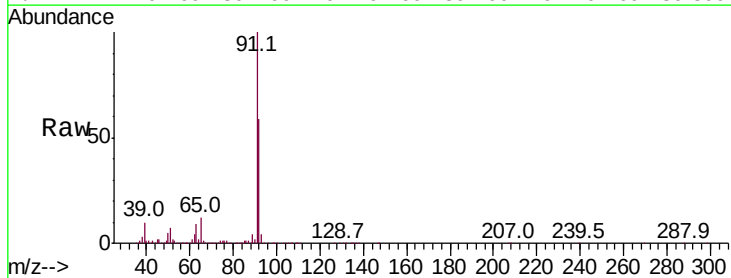
RT: 8.77 min Scan# 1260

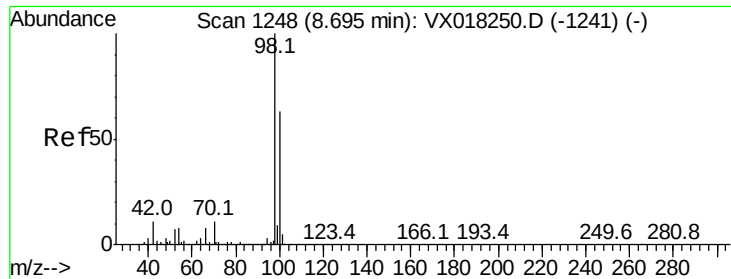
Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.3	46.9	70.3





#63

Toluene-d8

Concen: 30.173 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 98 Resp: 527832

Ion Ratio Lower Upper

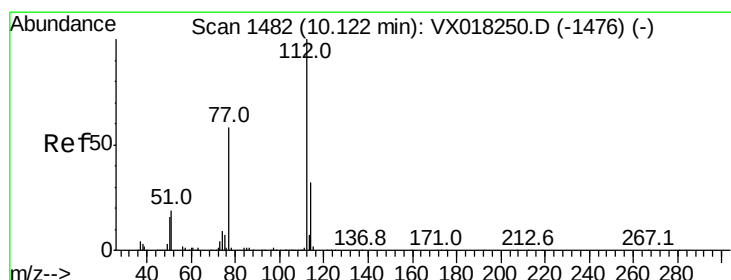
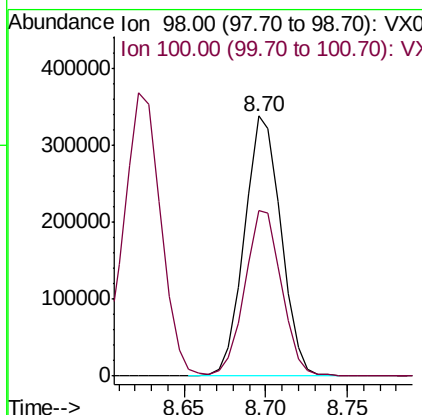
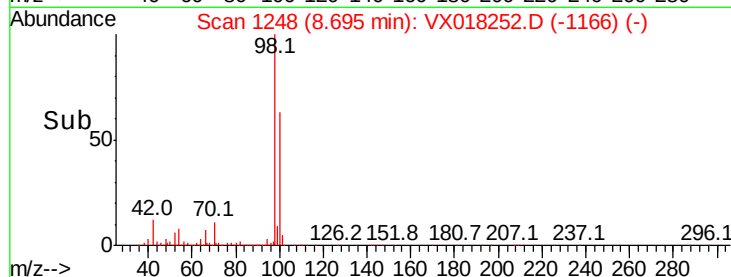
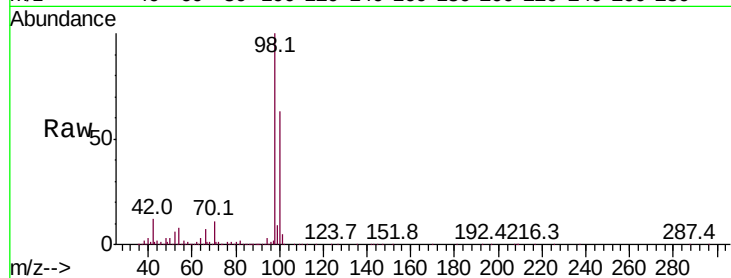
98 100

100 63.9 51.4 77.0

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#64

Chlorobenzene

Concen: 124.951 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018252.D

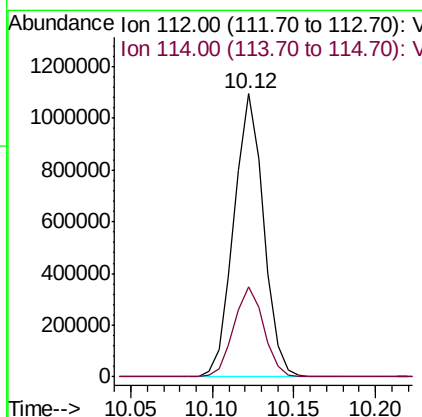
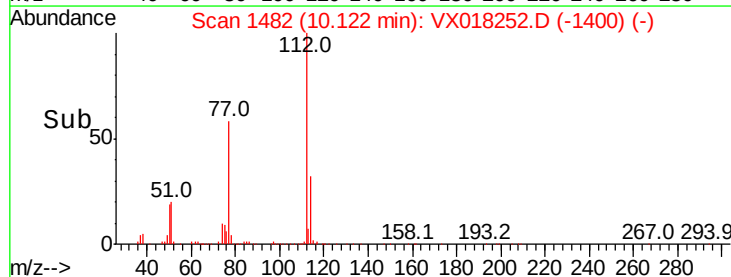
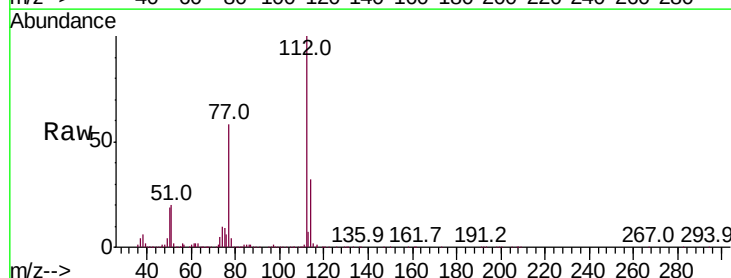
Acq: 04 Sep 2020 11:25

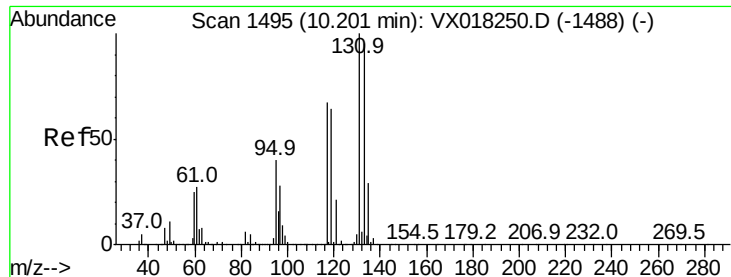
Tgt Ion: 112 Resp: 1392593

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 123.580 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

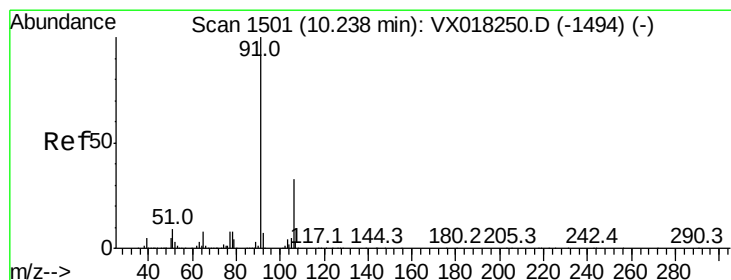
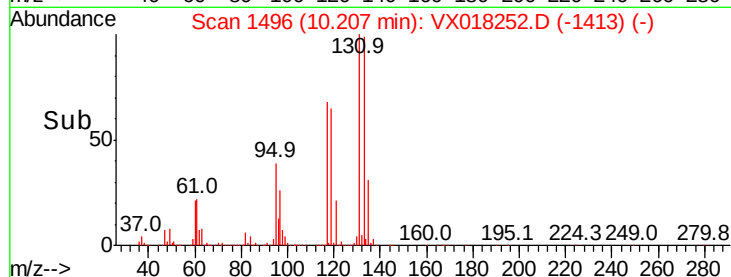
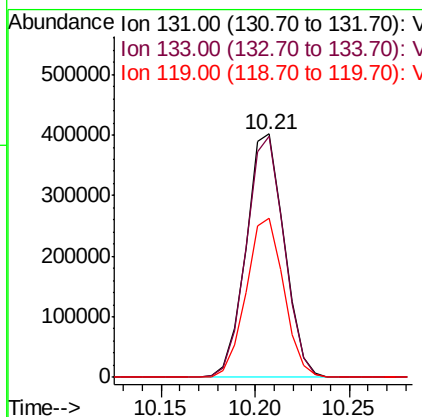
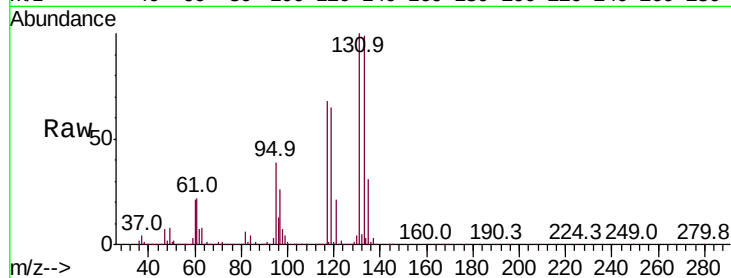
ClientSampled :

VSTDIC100

Tot Ion:	131	Resp:	563048
Ion Ratio	Lower	Upper	
131	100		
133	98.0	0.0	197.2
119	64.6	0.0	129.8

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#66

Ethyl Benzene

Concen: 133.854 ug/l

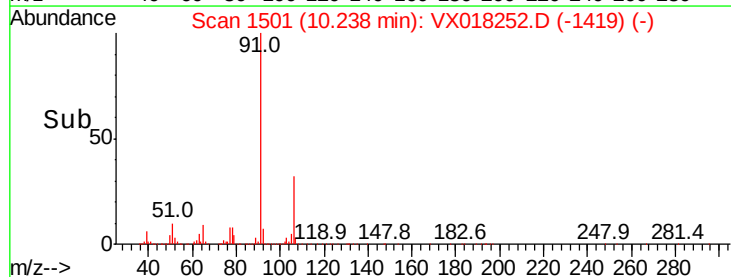
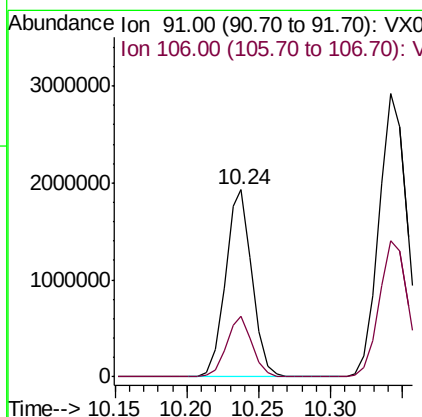
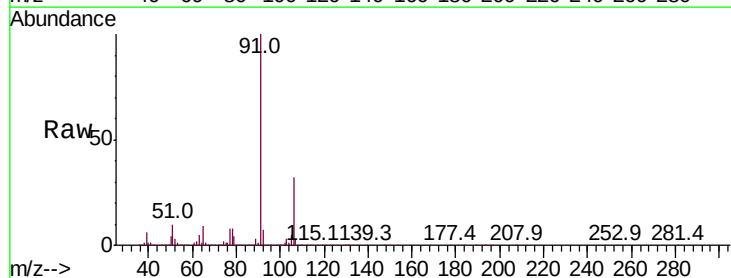
RT: 10.24 min Scan# 1501

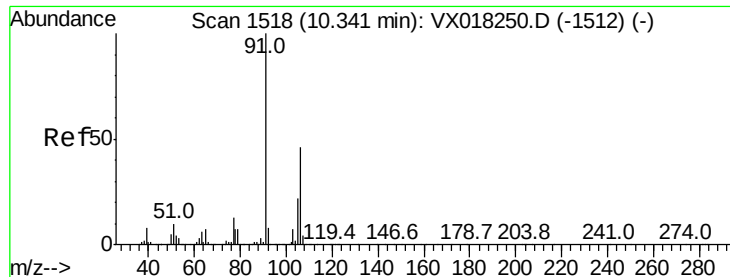
Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion:	91	Resp:	2483960
Ion Ratio	Lower	Upper	
91	100		
106	32.5	26.3	39.5





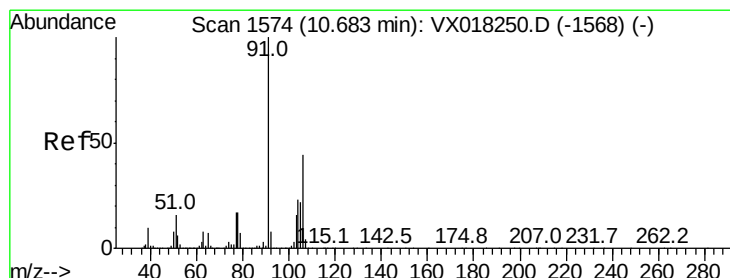
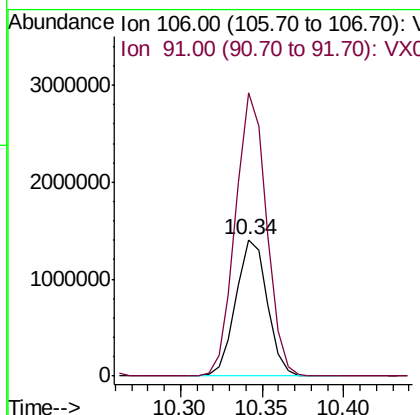
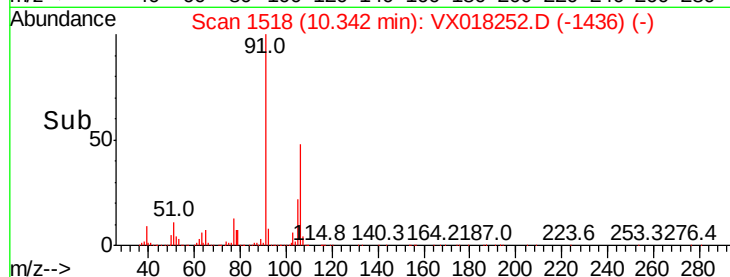
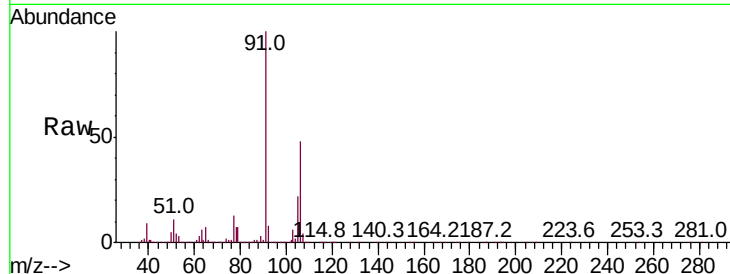
#67
m/p-Xylenes
Concen: 270.764 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 1890952
Ion Ratio Lower Upper
106 100
91 205.4 166.2 249.2

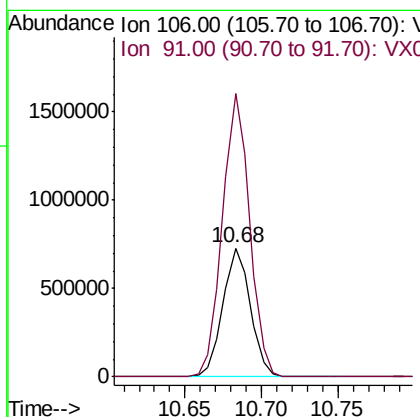
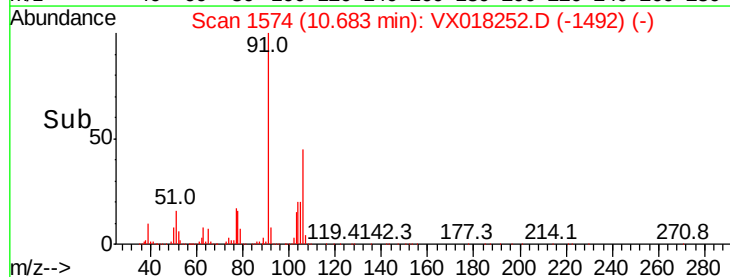
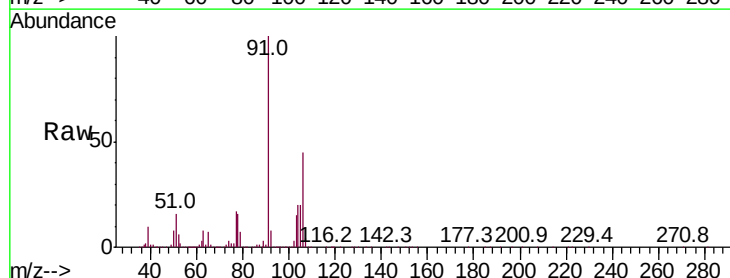
Manual Integrations
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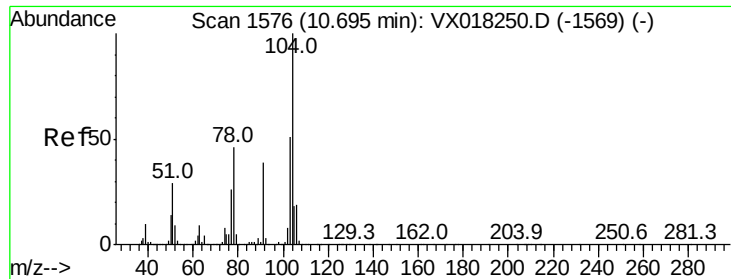
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#68
o-Xylene
Concen: 133.543 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion:106 Resp: 909282
Ion Ratio Lower Upper
106 100
91 218.0 109.2 327.6





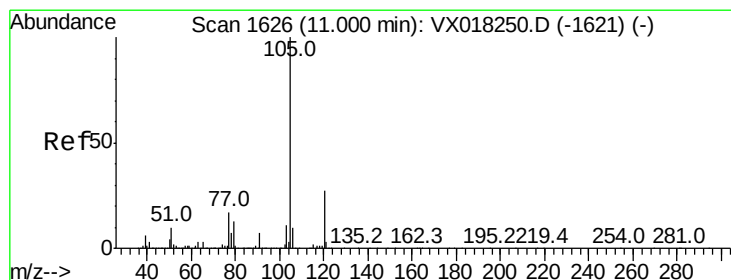
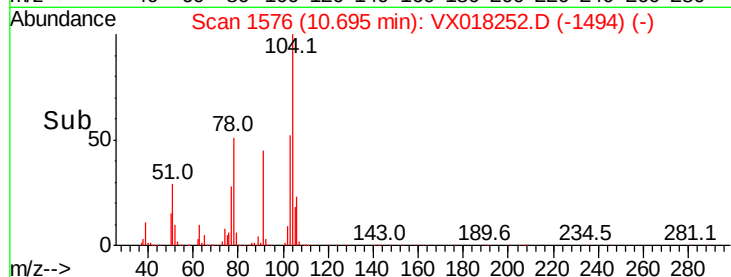
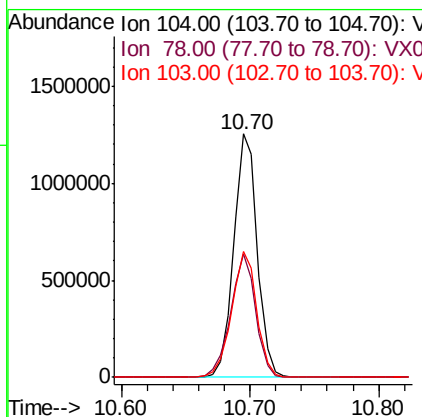
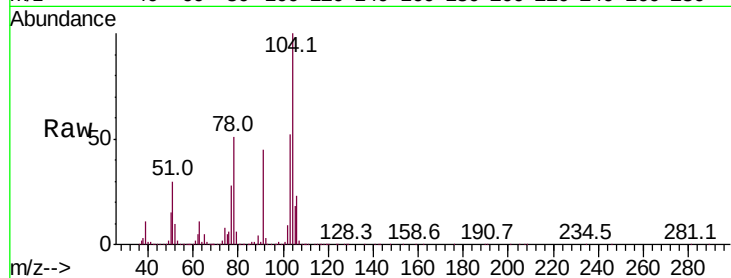
#69
Stvrene
Concen: 133.550 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.4	41.7	62.5
103	55.5	44.2	66.2

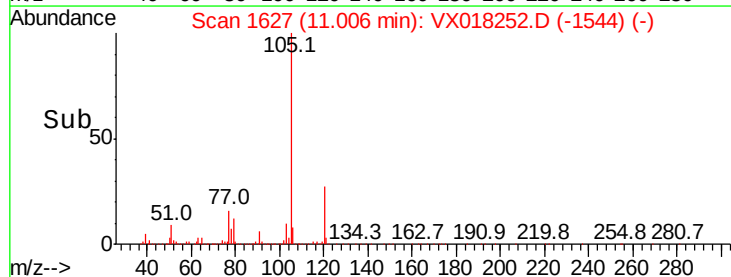
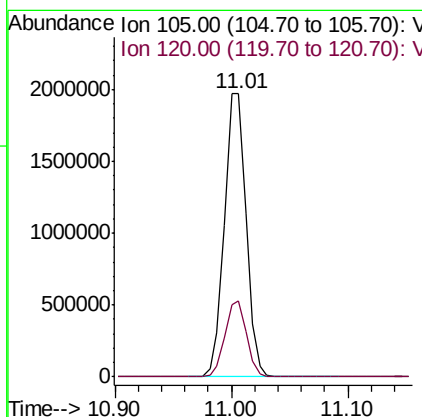
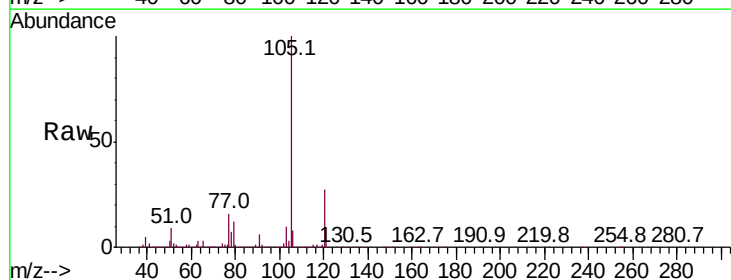
Manual Integrations
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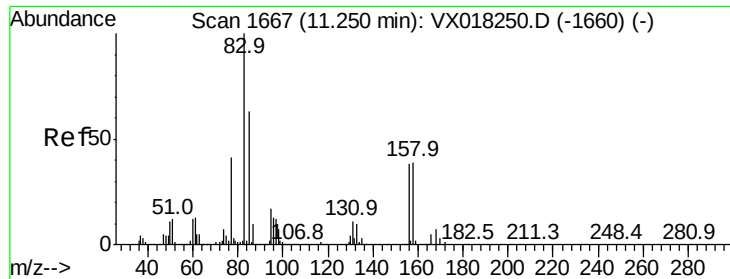
MMDadoda
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#70
Isopropylbenzene
Concen: 129.426 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 136.130 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

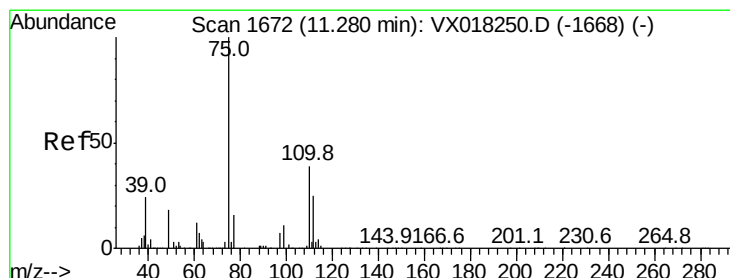
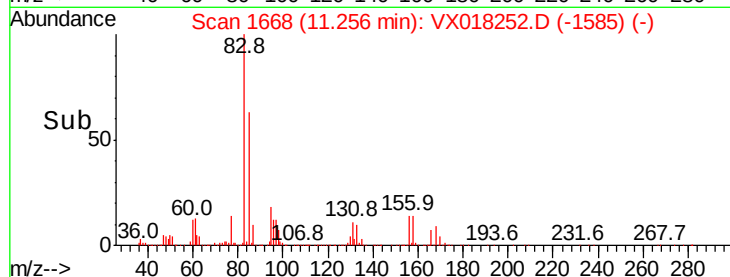
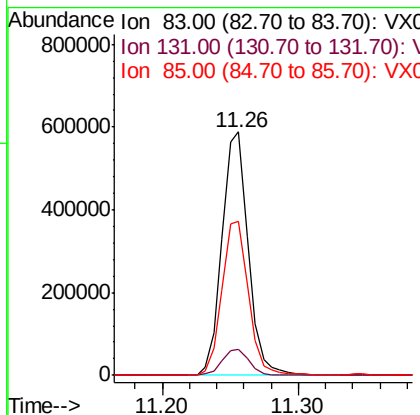
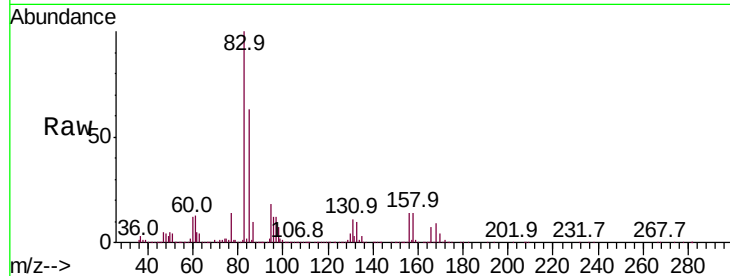
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	783731
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.8	17.3
85	64.6	31.3	93.9

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#72

1,2,3-Trichloropropane

Concen: 133.102 ug/l m

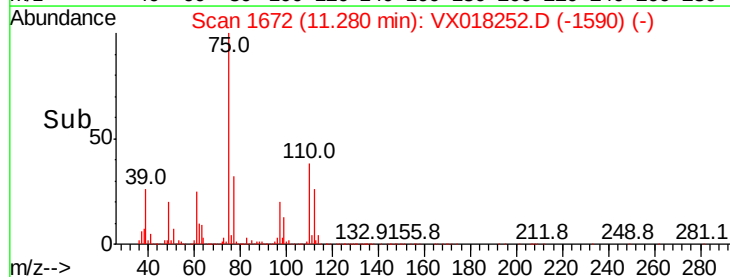
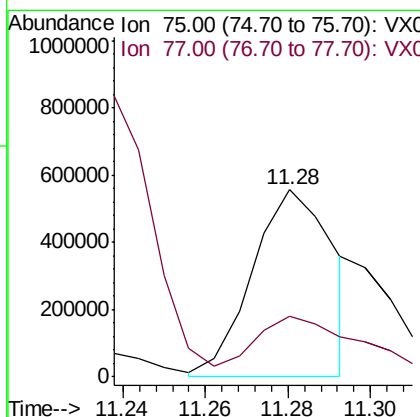
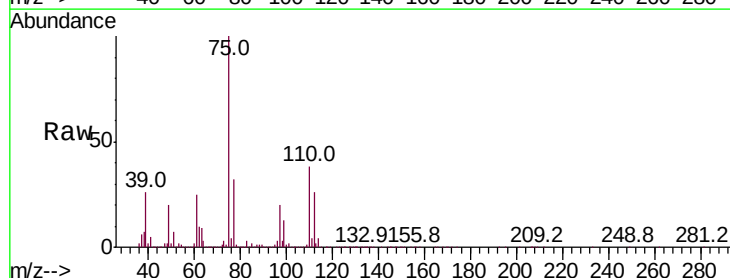
RT: 11.28 min Scan# 1672

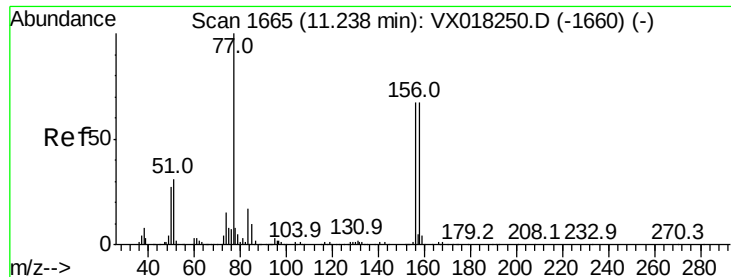
Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion:	75	Resp:	757137
Ion Ratio	Lower	Upper	
75	100		
77	42.3	0.0	74.8





#73

Bromobenzene

Concen: 130.188 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

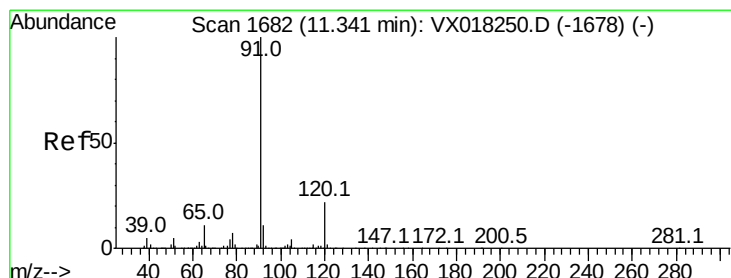
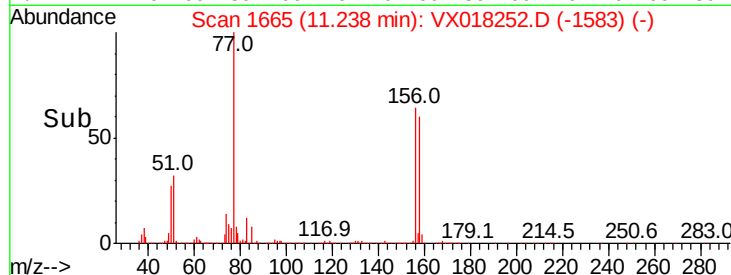
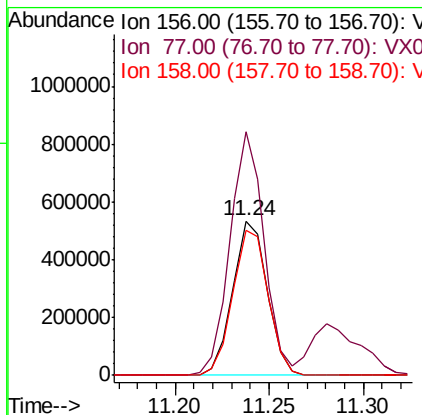
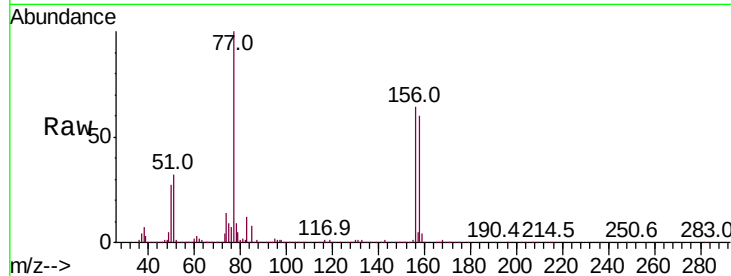
ClientSampled :

VSTDIC100

Tot Ion:	156	Resp:	681643
Ion Ratio	Lower	Upper	
156	100		
77	154.2	0.0	311.0
158	96.2	0.0	194.4

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#74

n-propylbenzene

Concen: 130.589 ug/l

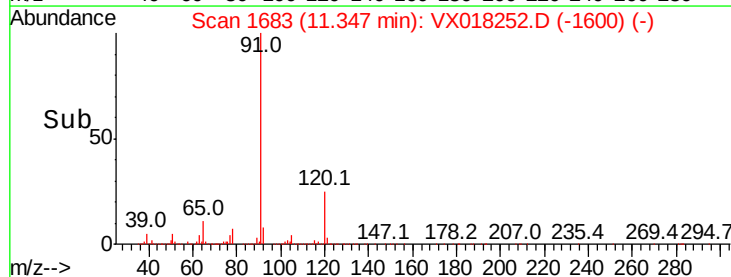
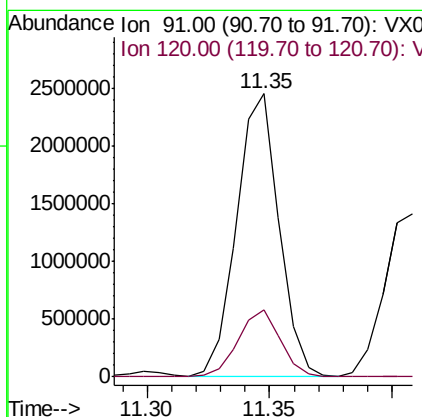
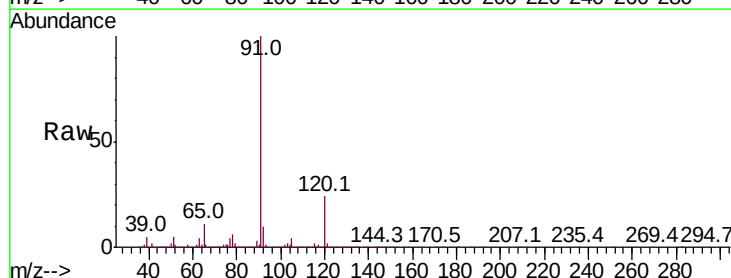
RT: 11.35 min Scan# 1683

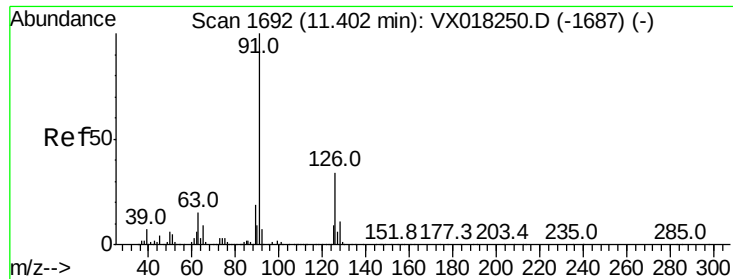
Delta R.T. 0.01 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion:	91	Resp:	2955809
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	45.4





#75

2-Chlorotoluene

Concen: 130.046 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 1783902

Ion Ratio Lower Upper

91 100

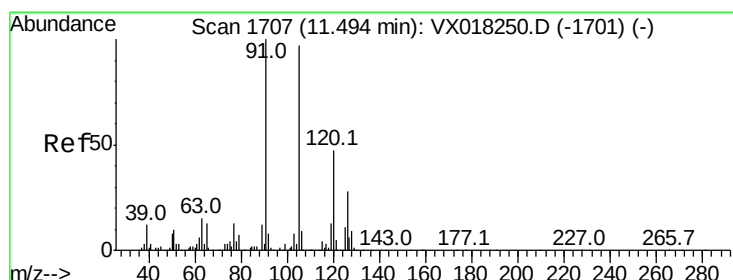
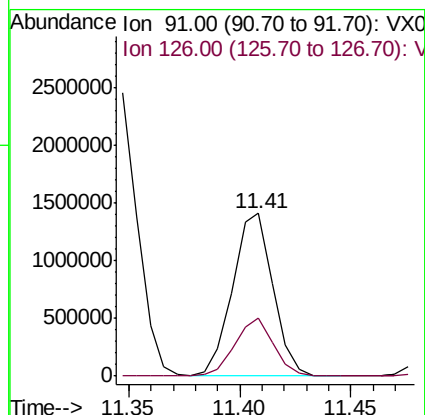
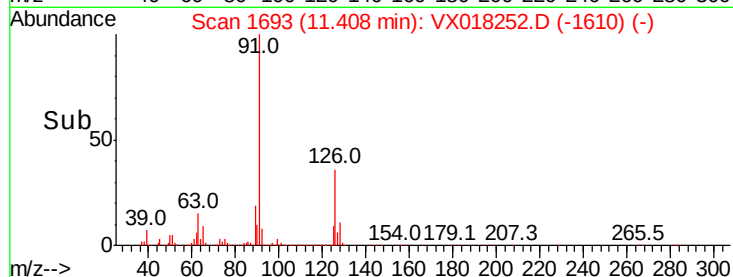
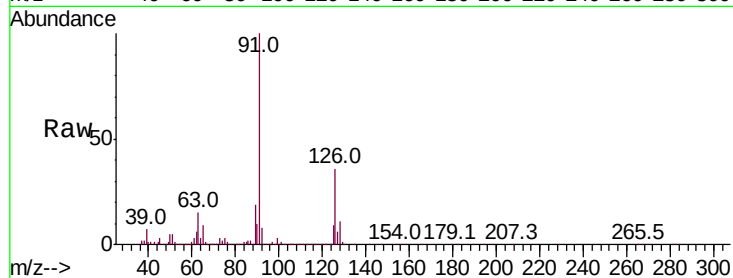
126 34.1 0.0 68.4

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#76

1,3,5-Trimethylbenzene

Concen: 134.500 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018252.D

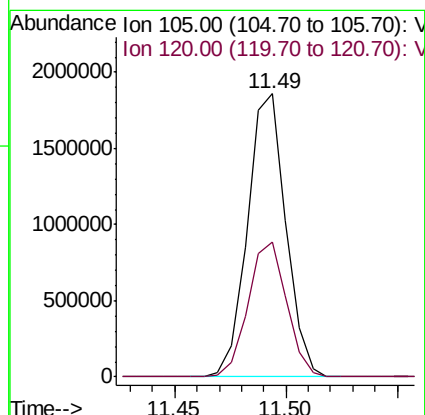
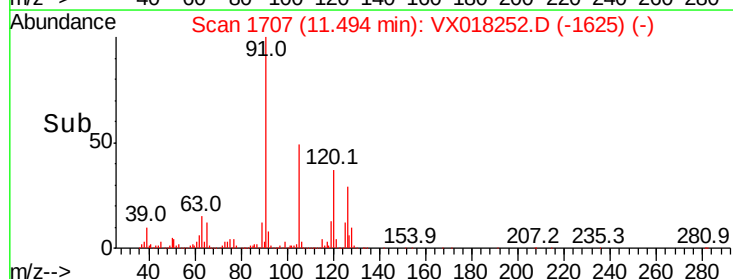
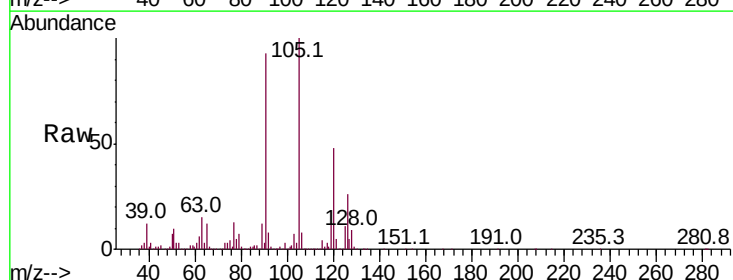
Acq: 04 Sep 2020 11:25

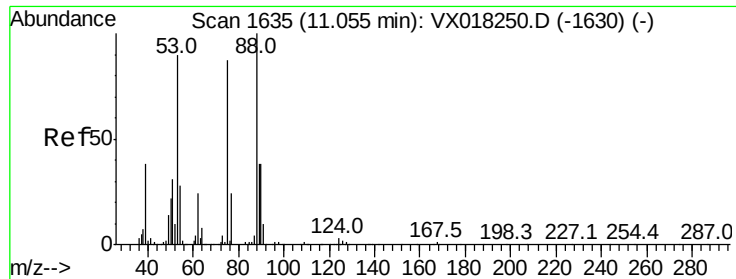
Tgt Ion: 105 Resp: 2235587

Ion Ratio Lower Upper

105 100

120 47.8 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 138.342 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

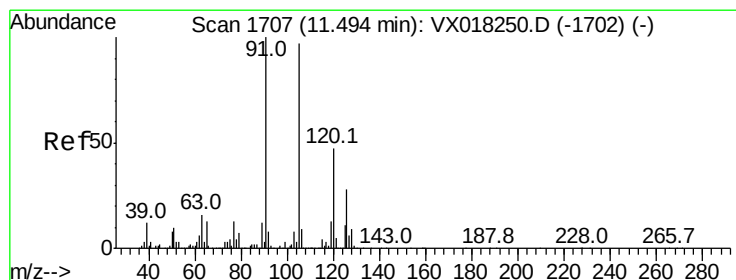
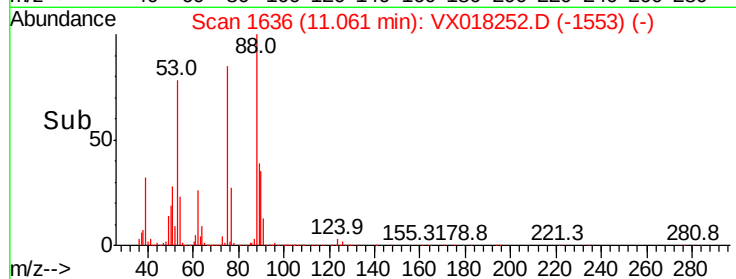
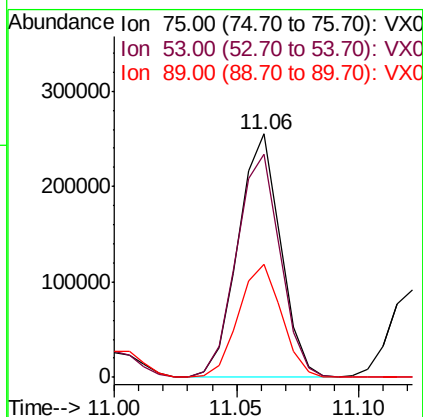
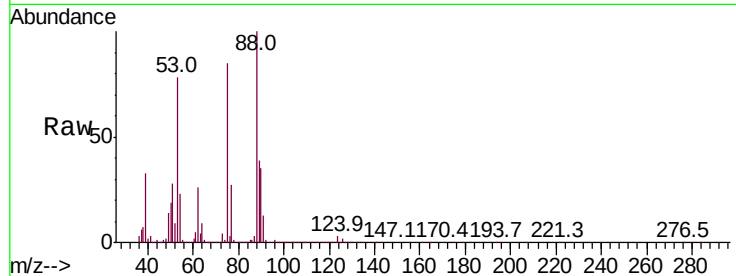
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	308099
Ion Ratio	Lower	Upper	
75	100		
53	91.8	52.1	156.4
89	46.5	22.1	66.3

Manual Integrations
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#78

4-Chlorotoluene

Concen: 133.417 ug/l

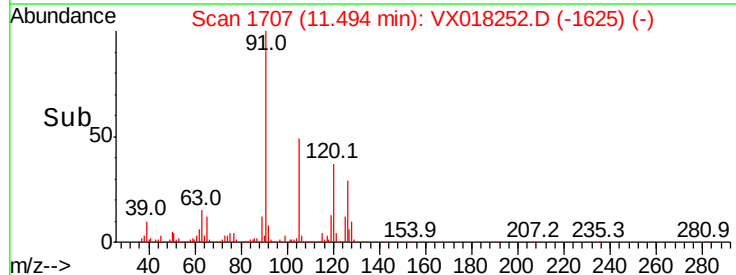
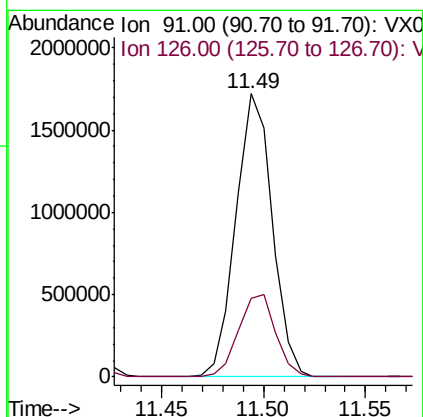
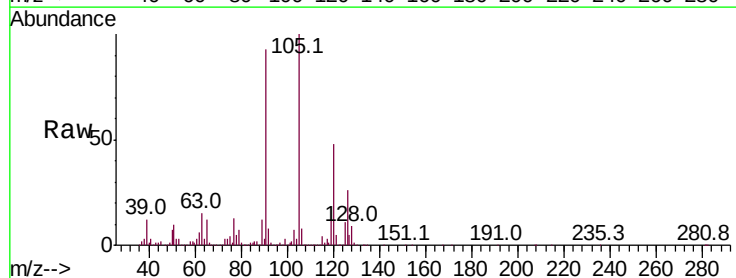
RT: 11.49 min Scan# 1707

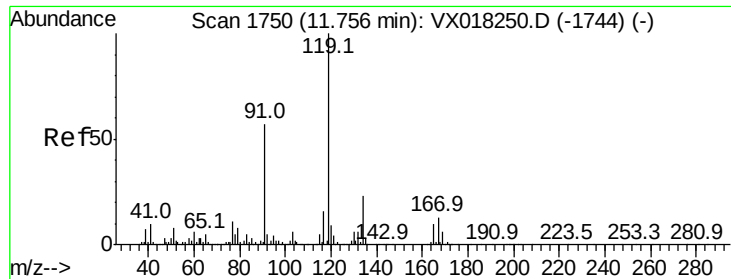
Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion:	91	Resp:	2133875
Ion Ratio	Lower	Upper	
91	100		
126	29.7	0.0	59.2





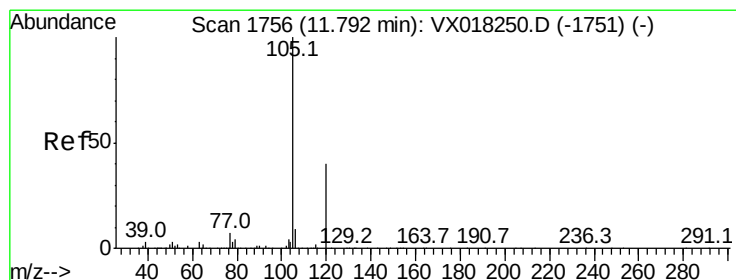
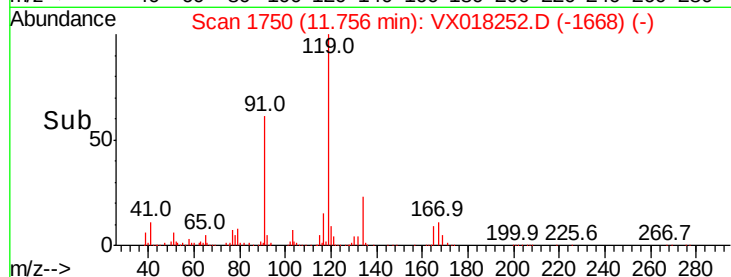
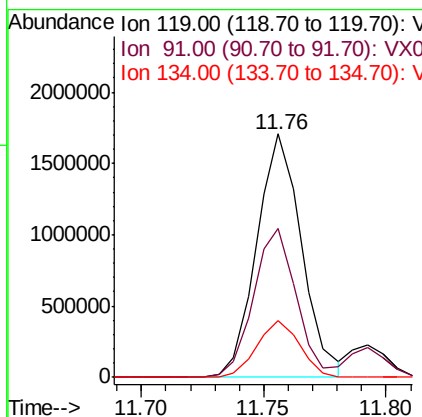
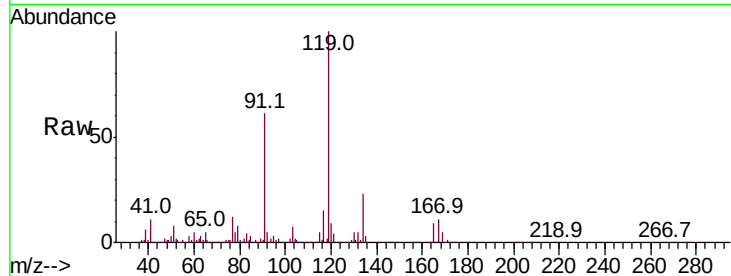
#79
 tert-butylbenzene
 Concen: 133.313 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.9	0.0	111.8
134	22.3	0.0	42.4

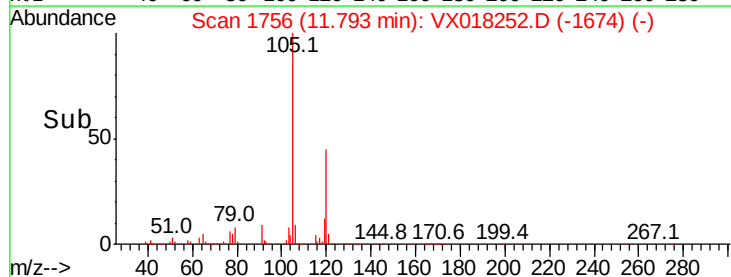
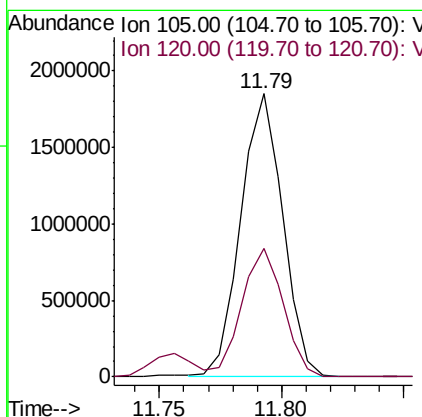
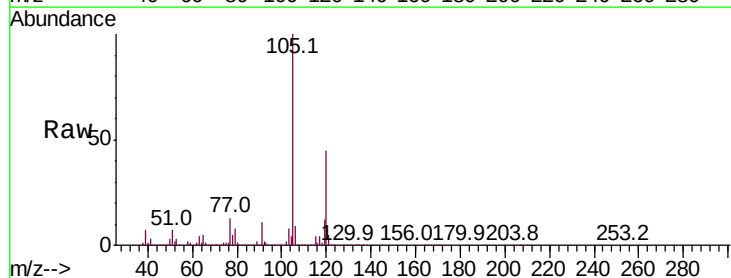
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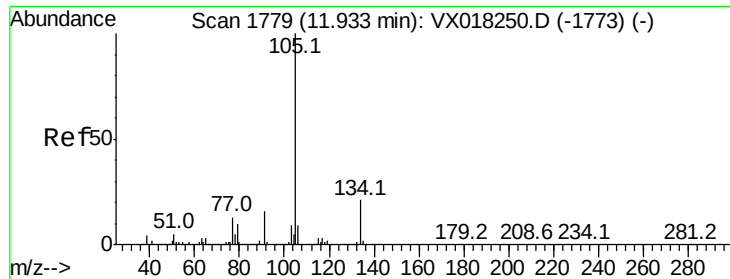
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#80
 1,2,4-Trimethylbenzene
 Concen: 128.113 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	0.0	89.2





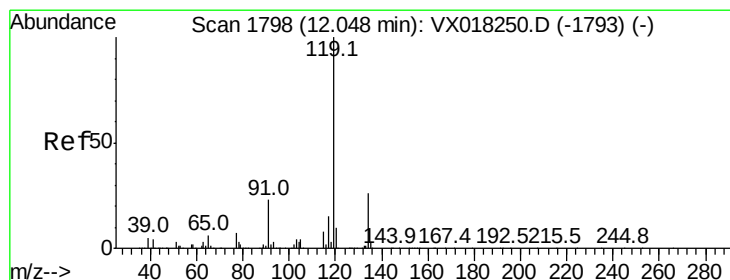
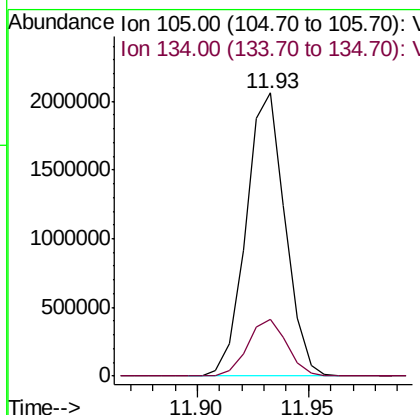
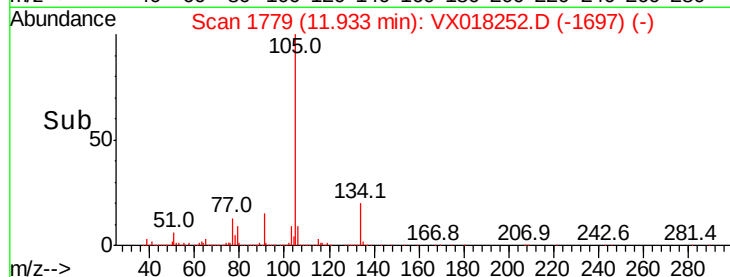
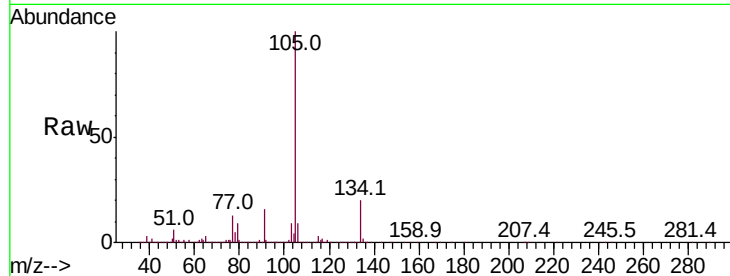
#81
 sec-Butylbenzene
 Concen: 130.116 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 2517308
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.0

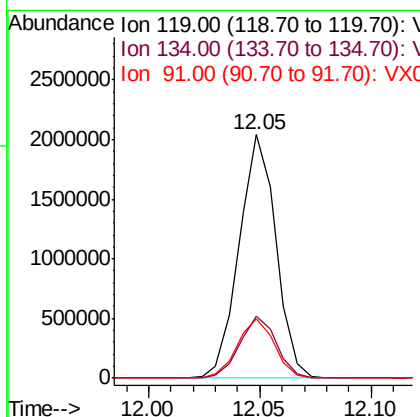
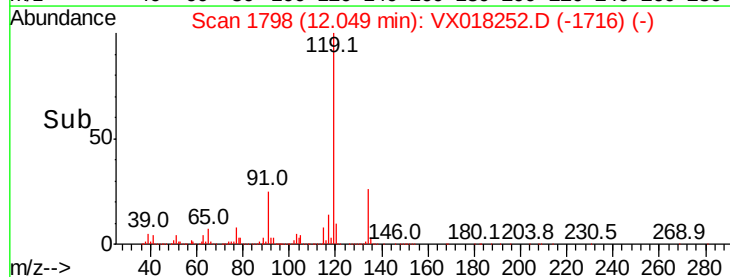
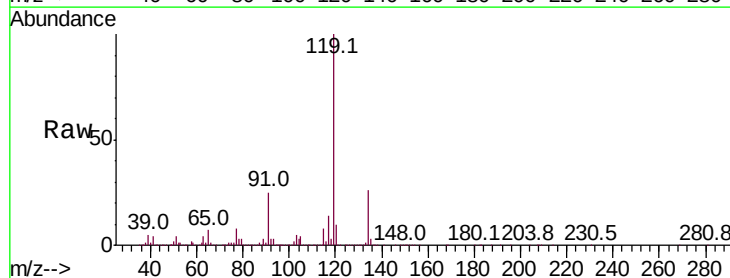
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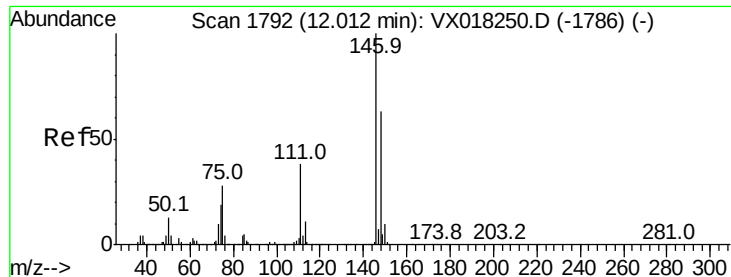
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#82
 p-Isopropyltoluene
 Concen: 133.286 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Tgt Ion:119 Resp: 2354130
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 53.0
 91 24.5 0.0 49.8





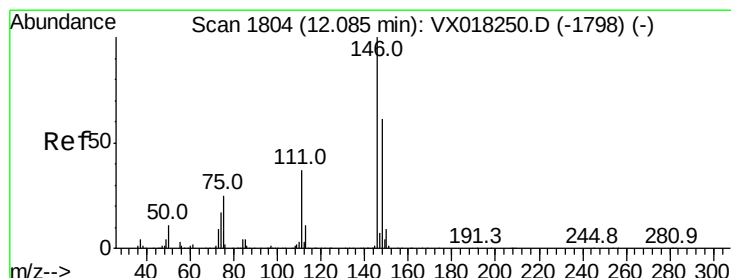
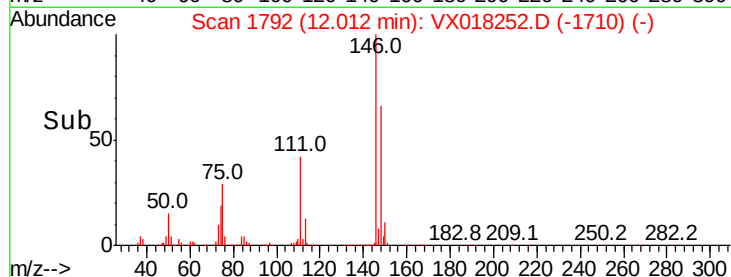
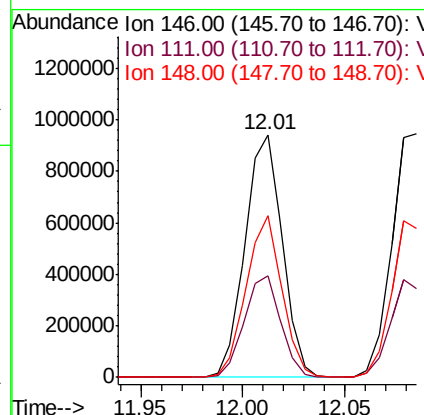
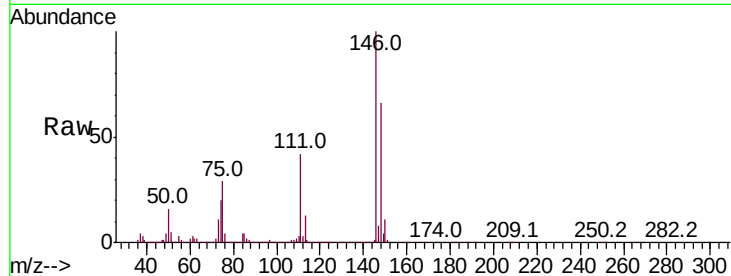
#83
1,3-Dichlorobenzene
Concen: 124.439 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.0	59.9
148	64.0	32.1	96.3

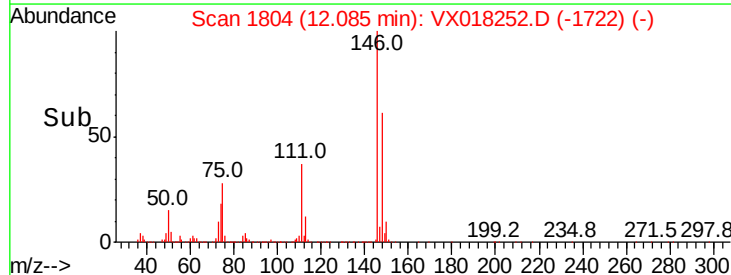
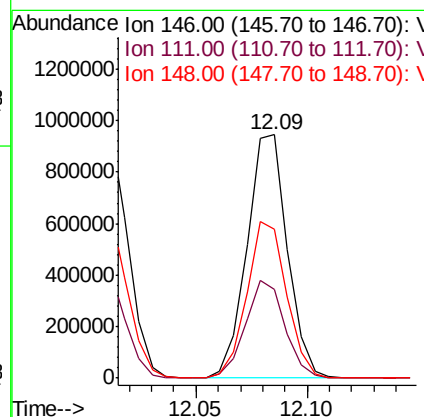
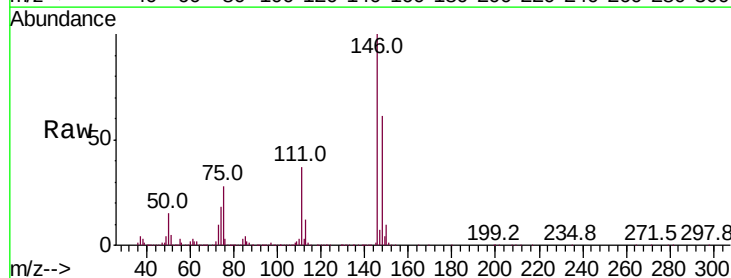
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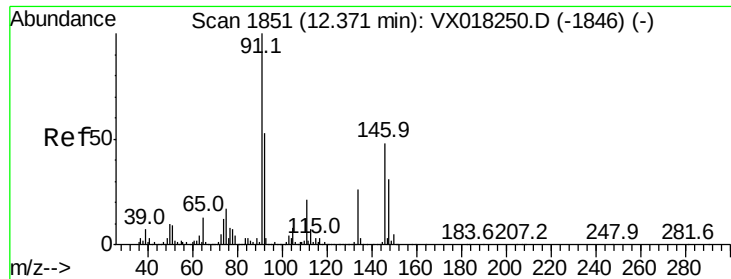
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#84
1,4-Dichlorobenzene
Concen: 125.545 ug/l
RT: 12.09 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.3	57.8
148	63.7	31.7	95.1





#85

n-Butylbenzene

Concen: 125.150 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion: 91 Resp: 2092588

Ion Ratio Lower Upper

91 100

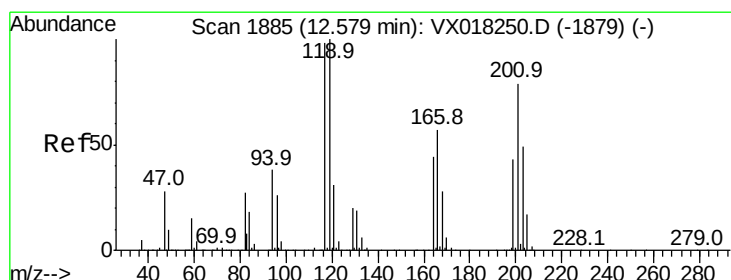
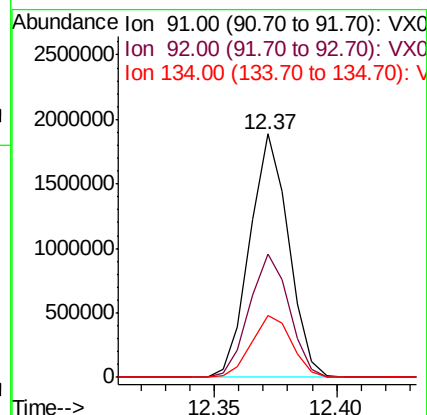
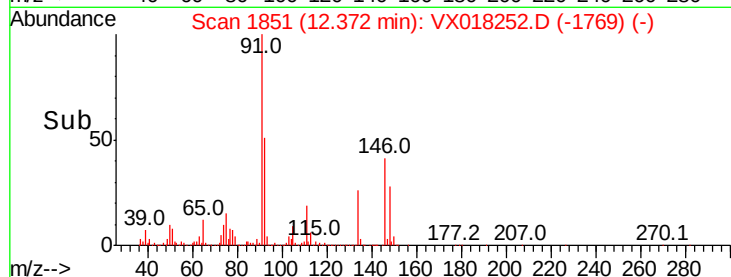
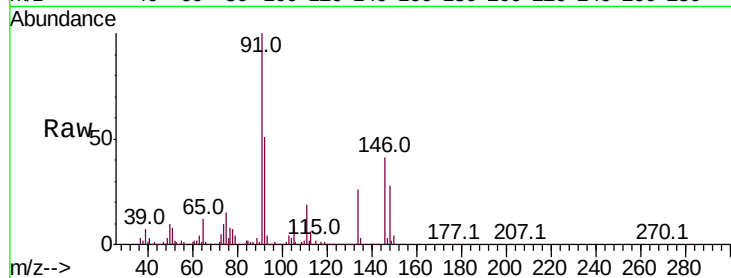
92 52.0 0.0 105.0

134 26.3 0.0 51.0

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#86

Hexachloroethane

Concen: 121.805 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018252.D

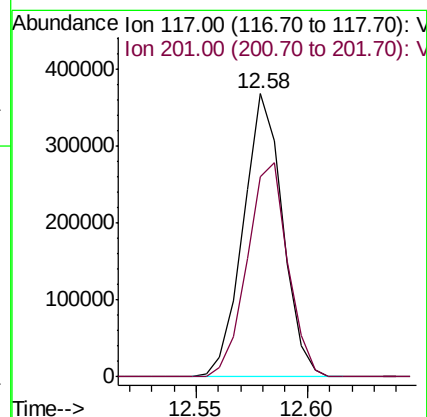
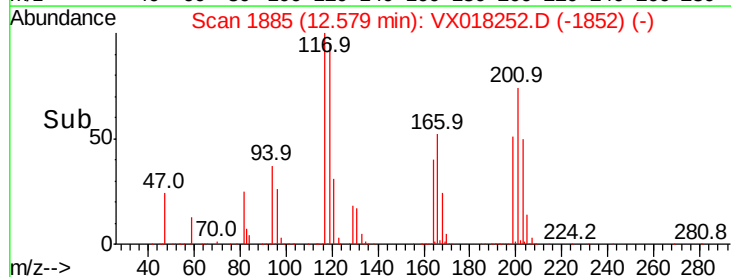
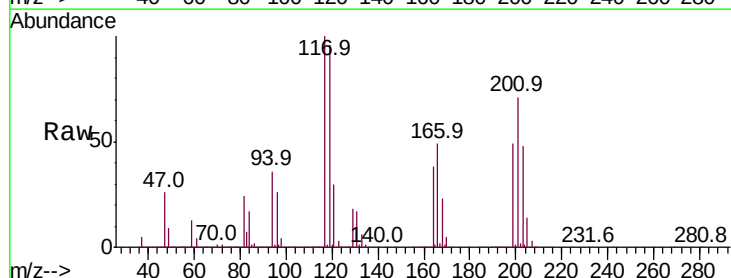
Acq: 04 Sep 2020 11:25

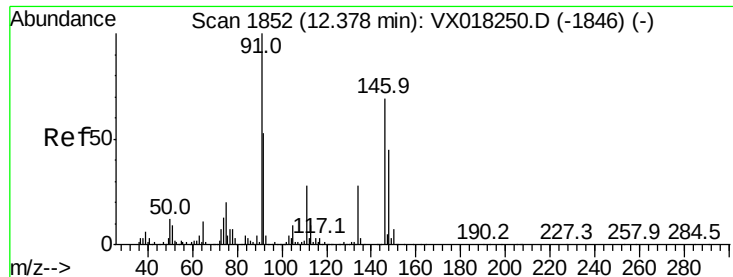
Tgt Ion: 117 Resp: 454855

Ion Ratio Lower Upper

117 100

201 78.3 39.6 118.8





#87

1,2-Dichlorobenzene

Concen: 116.640 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018252.D

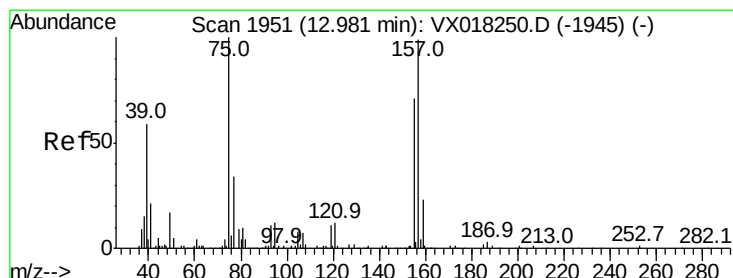
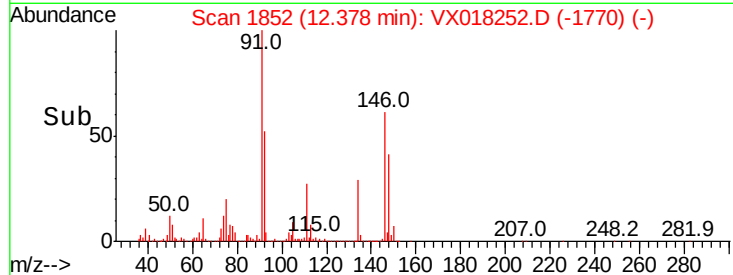
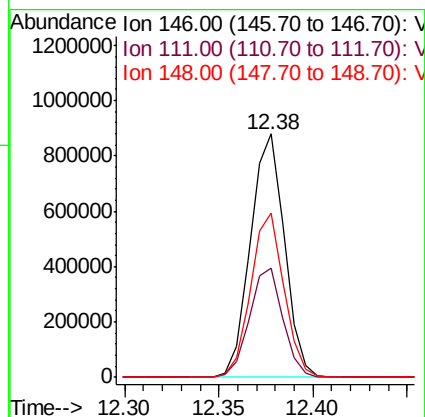
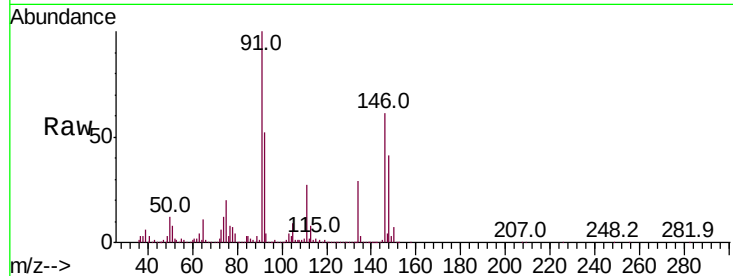
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.4	64.3
148	65.9	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 131.823 ug/l

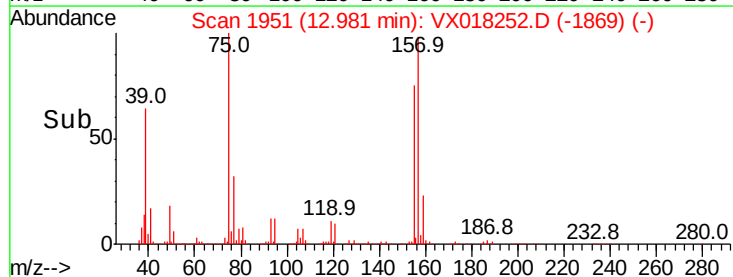
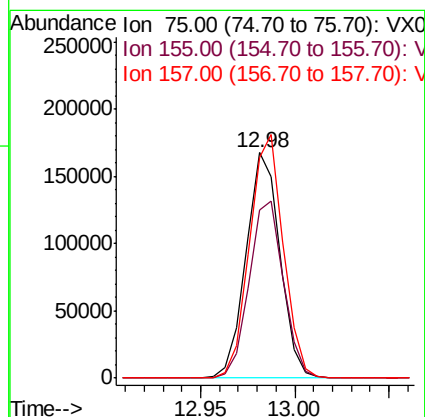
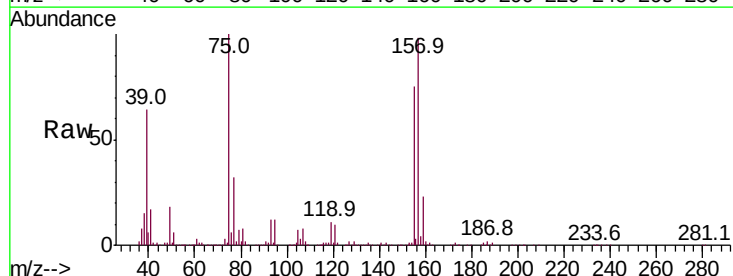
RT: 12.98 min Scan# 1951

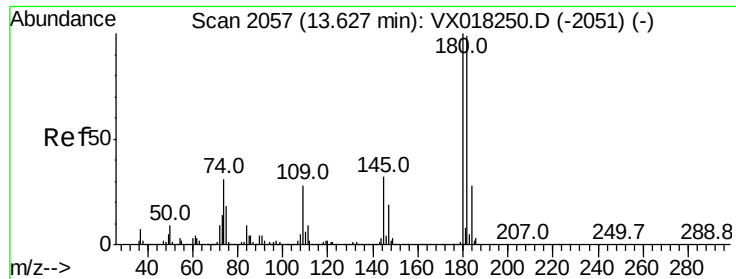
Delta R.T. 0.00 min

Lab File: VX018252.D

Acq: 04 Sep 2020 11:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.6	63.4	95.2
157	107.7	87.0	130.6





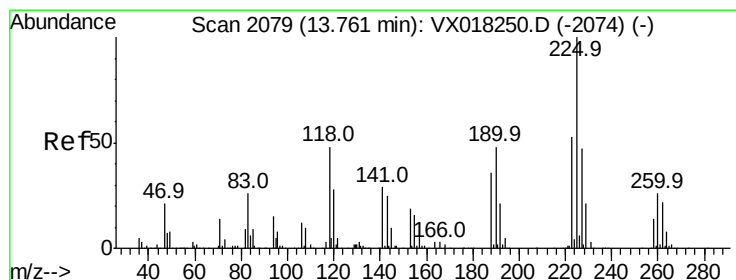
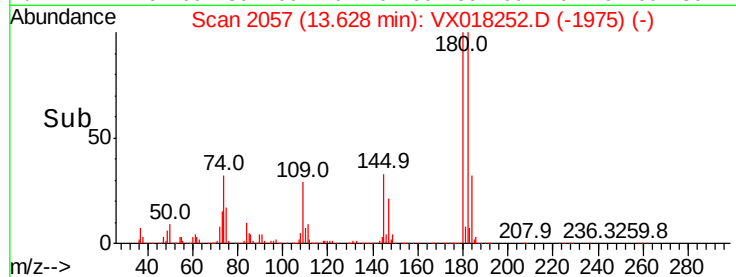
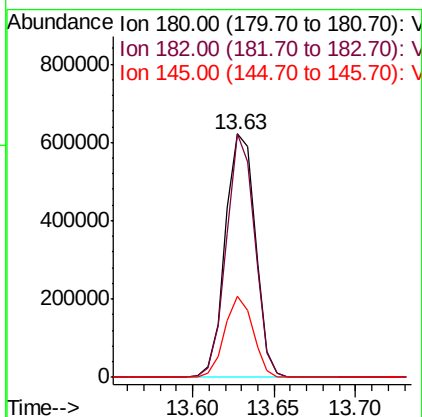
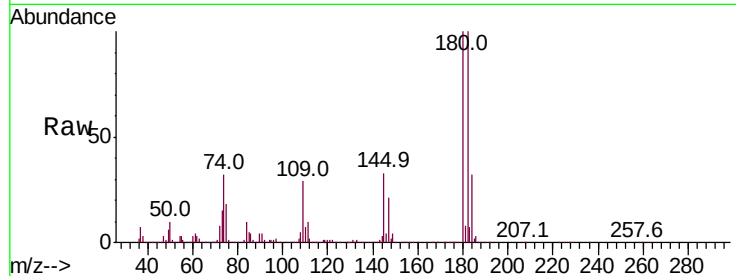
#89
 1,2,4-Trichlorobenzene
 Concen: 122.066 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	180	Resp:	797447
Ion Ratio	Lower	Upper	
180	100		
182	94.0	77.1	115.7
145	31.3	25.0	37.6

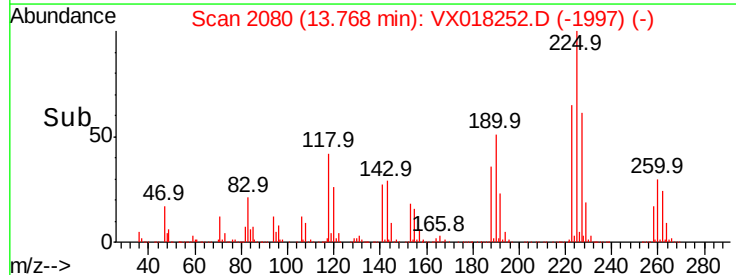
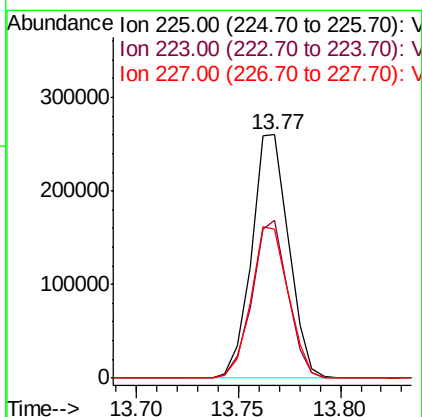
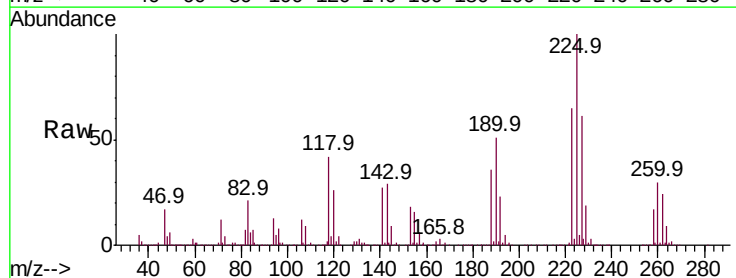
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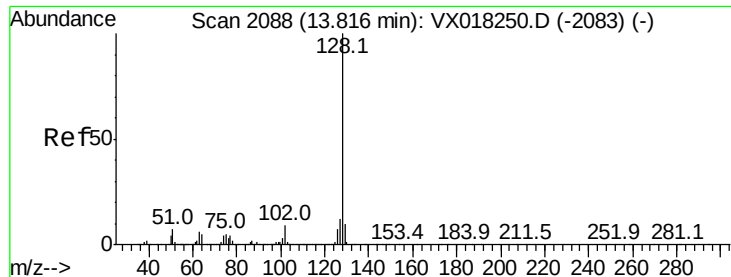
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#90
 Hexachlorobutadiene
 Concen: 110.202 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018252.D
 Acq: 04 Sep 2020 11:25

Tgt Ion:	225	Resp:	329614
Ion Ratio	Lower	Upper	
225	100		
223	62.3	0.0	115.8
227	62.3	0.0	117.0





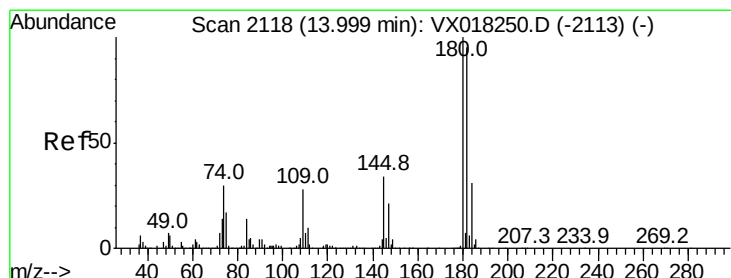
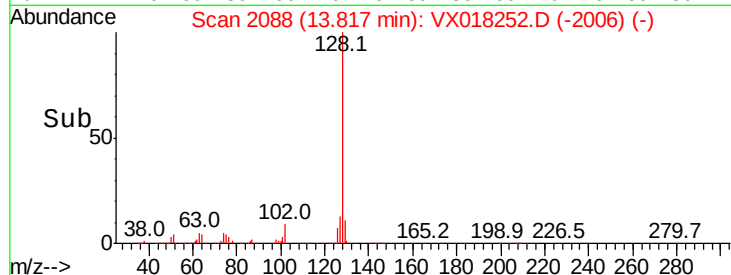
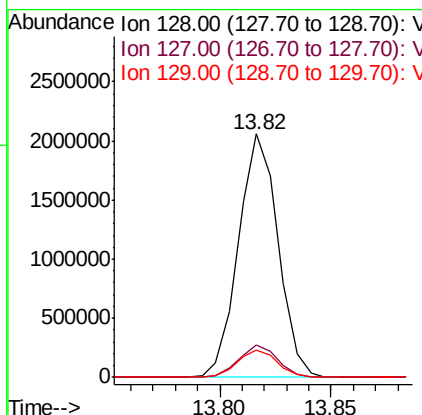
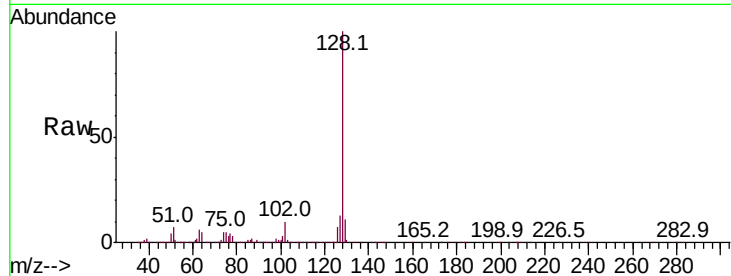
#91
Naphthalene
Concen: 131.337 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	128	Resp:	2553734
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.1	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 122.989 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018252.D
Acq: 04 Sep 2020 11:25

Tgt Ion:	180	Resp:	775427
Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	191.6
145	33.6	0.0	67.4

