

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018854.D
 Acq On : 09 Oct 2020 13:11
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:27 PM

Quant Time: Oct 09 13:42:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	201961	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	311969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	308311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169998	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	458317	158.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.48%	
35) Dibromofluoromethane	5.47	113	336273	154.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.26%	
50) Toluene-d8	8.70	98	1199206	152.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.44%	
62) 4-Bromofluorobenzene	11.12	95	504881	160.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	321.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	370782	187.247	ug/l	97
3) Chloromethane	1.31	50	295229	134.598	ug/l	100
4) Vinyl Chloride	1.39	62	333004	142.949	ug/l	98
5) Bromomethane	1.62	94	205241	148.595	ug/l	99
6) Chloroethane	1.70	64	209574	154.925	ug/l	97
7) Trichlorofluoromethane	1.91	101	626651	169.523	ug/l	99
8) Diethyl Ether	2.17	74	179827	143.110	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	294738	151.933	ug/l	98
10) Methyl Iodide	2.49	142	334201	165.398	ug/l	99
11) Tert butyl alcohol	3.03	59	386636	786.867	ug/l	98
12) 1,1-Dichloroethene	2.35	96	285671	147.324	ug/l	95
13) Acrolein	2.28	56	307281	940.672	ug/l	97
14) Allyl chloride	2.70	41	525334	141.364	ug/l	99
15) Acrylonitrile	3.12	53	775848	675.663	ug/l	99
16) Acetone	2.42	43	838471	756.023	ug/l	99
17) Carbon Disulfide	2.54	76	831568	144.065	ug/l	100
18) Methyl Acetate	2.75	43	368123	139.261	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	990183	146.511	ug/l	99
20) Methylene Chloride	2.83	84	325321	136.413	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	327919	145.261	ug/l	98
22) Diisopropyl ether	3.82	45	928218	134.088	ug/l	92
23) Vinyl Acetate	3.79	43	4766286	764.255	ug/l	100
24) 1,1-Dichloroethane	3.67	63	594121	145.733	ug/l	98
25) 2-Butanone	4.64	43	1256005	745.998	ug/l	98
26) 2,2-Dichloropropane	4.55	77	577229	151.359	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	361888	143.643	ug/l	100
28) Bromochloromethane	4.98	49	280822	148.854	ug/l	94
29) Tetrahydrofuran	5.09	42	704210	681.809	ug/l	99
30) Chloroform	5.18	83	653406	155.986	ug/l	98
31) Cyclohexane	5.54	56	447722	134.671	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	622319	158.016	ug/l	99
36) 1,1-Dichloropropene	5.77	75	469951	154.501	ug/l	99
37) Ethyl Acetate	4.79	43	493008	153.022	ug/l	99
38) Carbon Tetrachloride	5.75	117	594128	172.218	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	475571	142.803	ug/l	99
40) Benzene	6.12	78	1283644	148.104	ug/l	100
41) Methacrylonitrile	5.01	41	279829	156.041	ug/l	98
42) 1,2-Dichloroethane	6.16	62	572998	165.646	ug/l	100
43) Isopropyl Acetate	6.42	43	828903	155.644	ug/l	100
44) Trichloroethene	7.19	130	377417	149.976	ug/l	100
45) 1,2-Dichloropropane	7.49	63	340031	143.561	ug/l	99
46) Dibromomethane	7.63	93	252740	154.045	ug/l	99
47) Bromodichloromethane	7.88	83	545386	162.756	ug/l	99
48) Methyl methacrylate	7.75	41	427180	163.621	ug/l	99
49) 1,4-Dioxane	7.72	88	112606	2670.623	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2506367	786.879	ug/l	100
52) Toluene	8.77	92	846372	153.940	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	619062	163.957	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	615337	159.427	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	355200	155.941	ug/l	99
56) Ethyl methacrylate	9.16	69	565886	169.462	ug/l	99
57) 1,3-Dichloropropane	9.35	76	599886	156.707	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1408186	789.085	ug/l	100
59) 2-Hexanone	9.48	43	1917461	791.592	ug/l	99
60) Dibromochloromethane	9.57	129	471330	172.101	ug/l	97
61) 1,2-Dibromoethane	9.65	107	396609	163.308	ug/l	98
64) Tetrachloroethene	9.32	164	326434	135.015	ug/l	98
65) Chlorobenzene	10.12	112	966173	151.291	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	411996	160.663	ug/l	98
67) Ethyl Benzene	10.24	91	1748716	157.979	ug/l	98
68) m/p-Xylenes	10.34	106	1326870	316.098	ug/l	100
69) o-Xylene	10.68	106	650333	164.136	ug/l	99
70) Styrene	10.70	104	1115950	163.424	ug/l	99
71) Bromoform	10.84	173	369225	170.481	ug/l #	100
73) Isopropylbenzene	11.00	105	1813772	159.308	ug/l	99
74) N-amyl acetate	10.88	43	756829	150.380	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	530968	142.230	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	500396m	140.388	ug/l	
77) Bromobenzene	11.24	156	466407	148.593	ug/l	99
78) n-propylbenzene	11.35	91	2038404	153.901	ug/l	99
79) 2-Chlorotoluene	11.40	91	1205794	149.955	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1545414	158.497	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	203382	148.496	ug/l	97
82) 4-Chlorotoluene	11.49	91	1470255	153.503	ug/l	99
83) tert-Butylbenzene	11.76	119	1538888	162.397	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1552876	158.600	ug/l	100
85) sec-Butylbenzene	11.93	105	1747321	157.073	ug/l	99
86) p-Isopropyltoluene	12.05	119	1665223	162.015	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	836557	148.252	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	846175	148.518	ug/l	97
89) n-Butylbenzene	12.37	91	1450582	154.160	ug/l	100
90) Hexachloroethane	12.58	117	294047	145.822	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	797446	150.554	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	149256	163.531	ug/l	94

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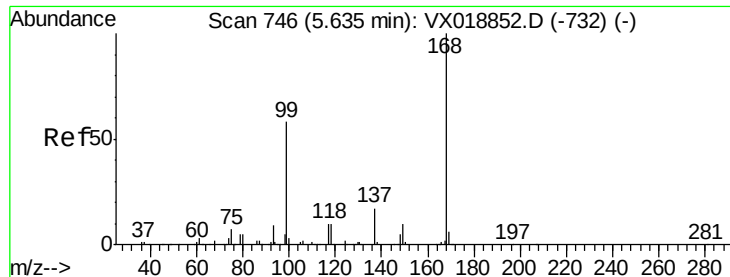
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	567496	155.392	ug/l	99
94) Hexachlorobutadiene	13.76	225	228551	148.923	ug/l	98
95) Naphthalene	13.82	128	1827332	165.814	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	552251	157.848	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 201961

Ion Ratio Lower Upper

168 100

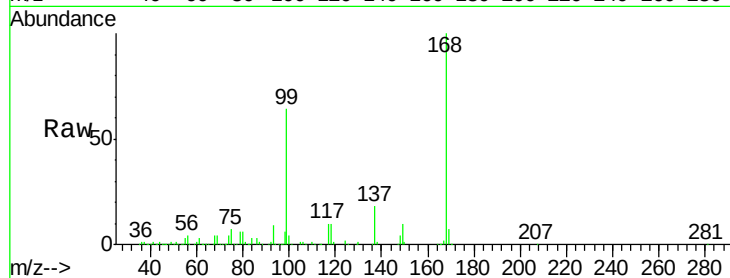
99 64.0 46.1 69.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

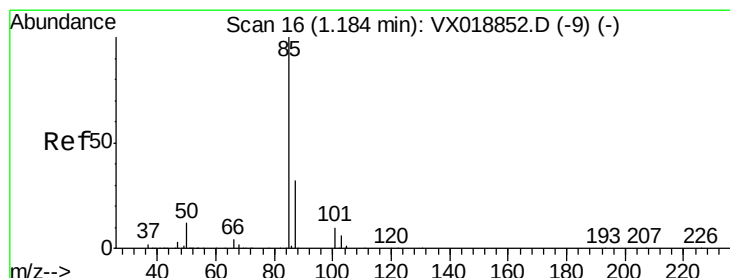
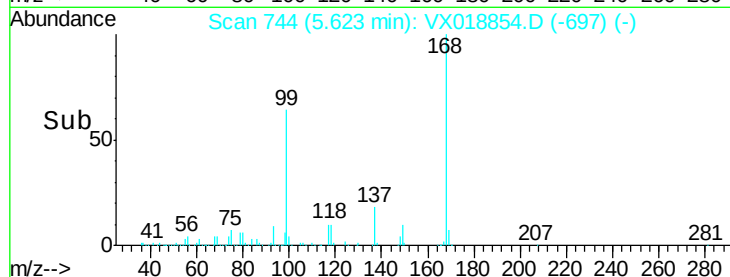
50000

0

5.50 5.60 5.70 5.80

5.62

Time-->



#2

Dichlorodifluoromethane

Concen: 187.247 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018854.D

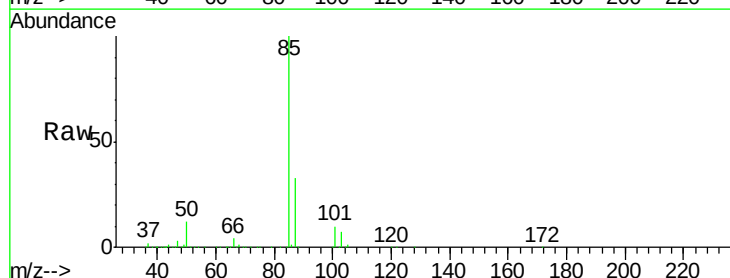
Acq: 09 Oct 2020 13:11

Tgt Ion: 85 Resp: 370782

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

400000

300000

200000

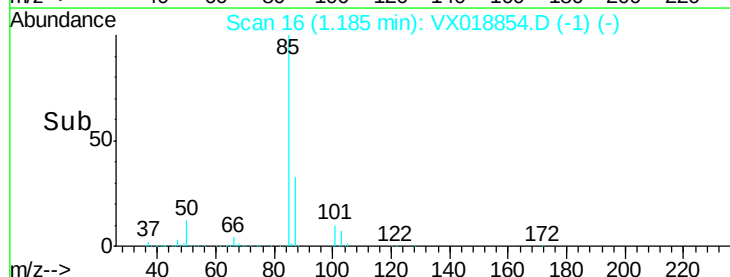
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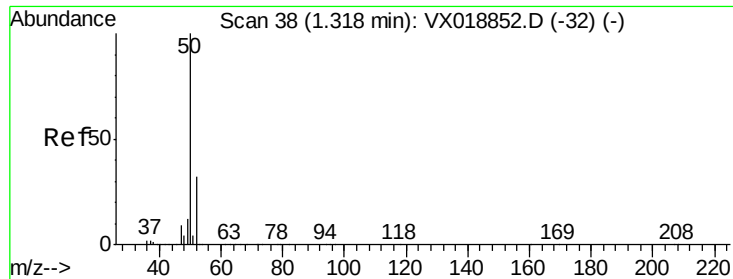
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1.10 1.15 1.20 1.25 1.30

1.18

Time-->





#3

Chloromethane

Concen: 134.598 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 295229

Ion Ratio Lower Upper

50 100

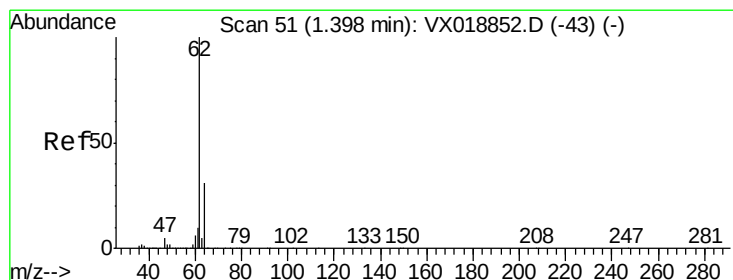
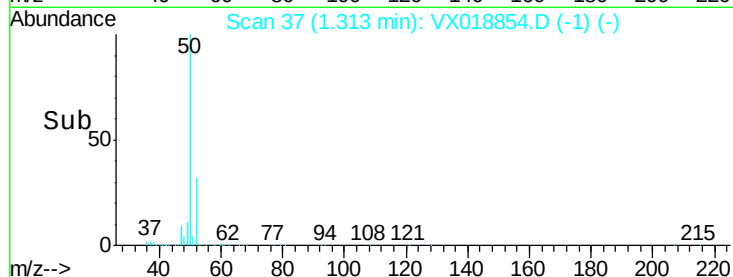
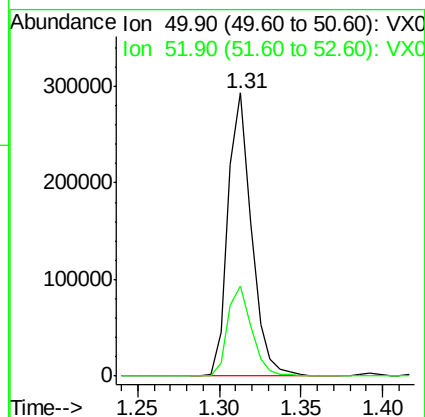
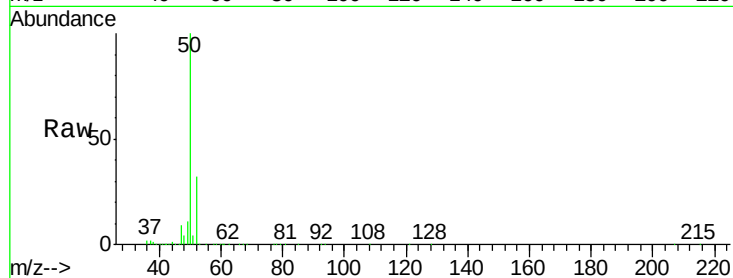
52 31.7 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 142.949 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018854.D

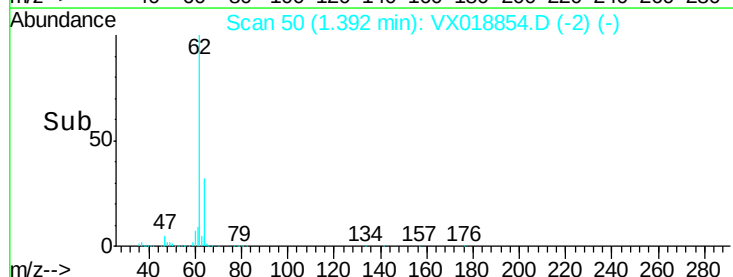
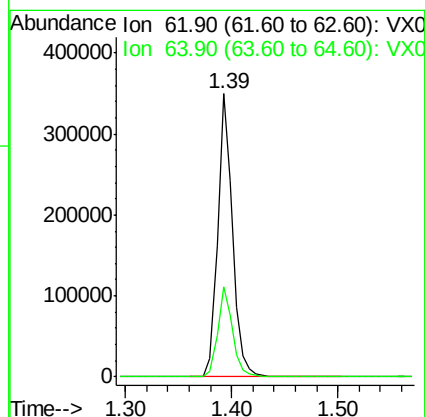
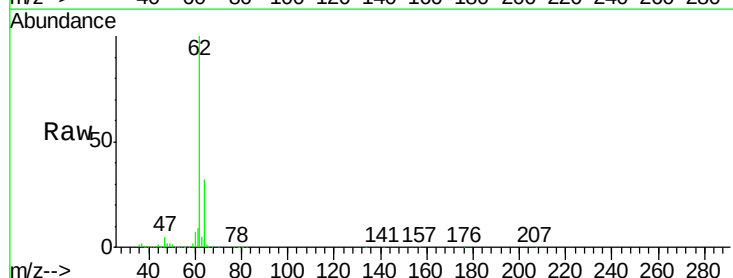
Acq: 09 Oct 2020 13:11

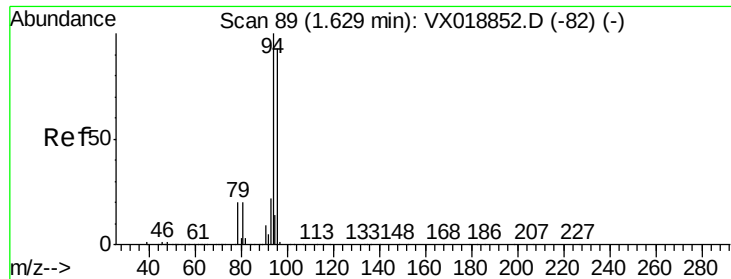
Tgt Ion: 62 Resp: 333004

Ion Ratio Lower Upper

62 100

64 31.7 24.6 37.0





#5

Bromomethane

Concen: 148.595 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 205241

Ion Ratio Lower Upper

94 100

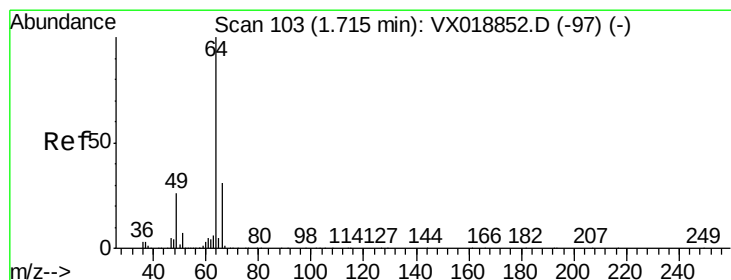
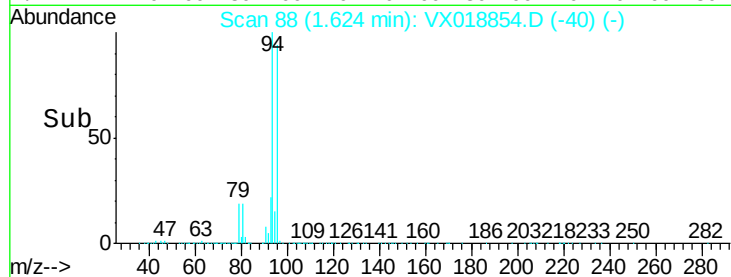
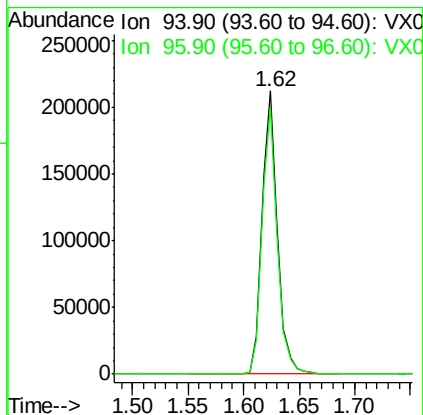
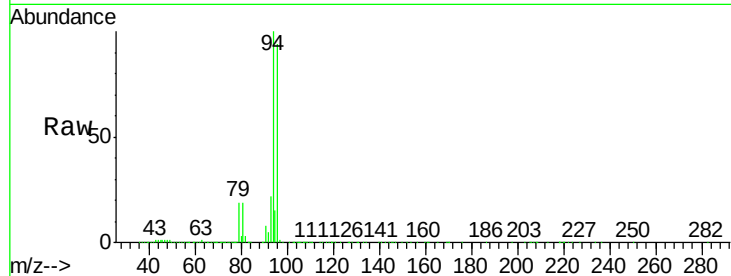
96 94.4 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 154.925 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.02 min

Lab File: VX018854.D

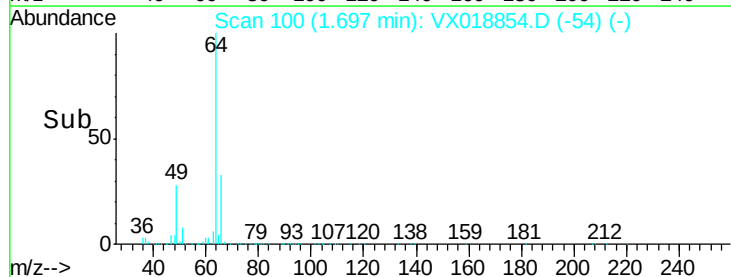
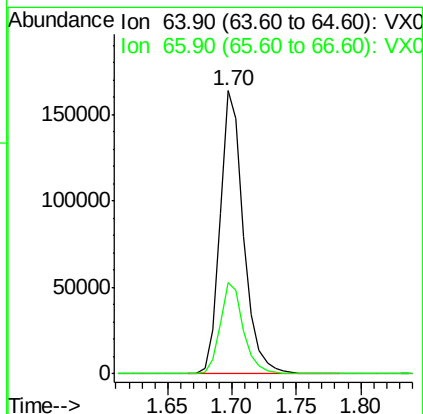
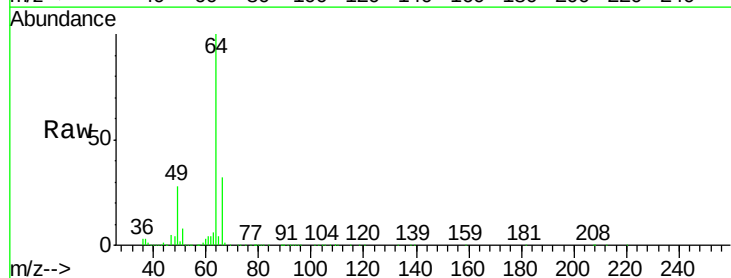
Acq: 09 Oct 2020 13:11

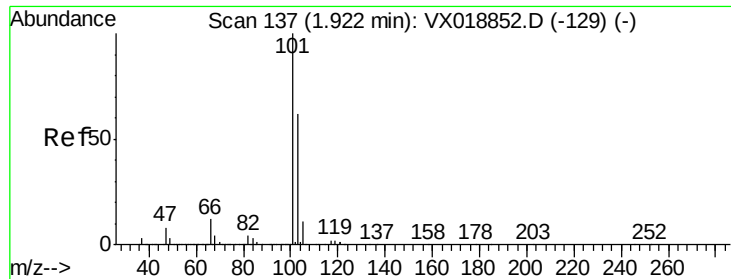
Tgt Ion: 64 Resp: 209574

Ion Ratio Lower Upper

64 100

66 32.4 24.7 37.1





#7

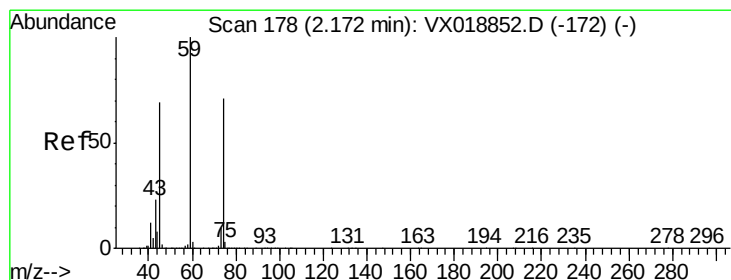
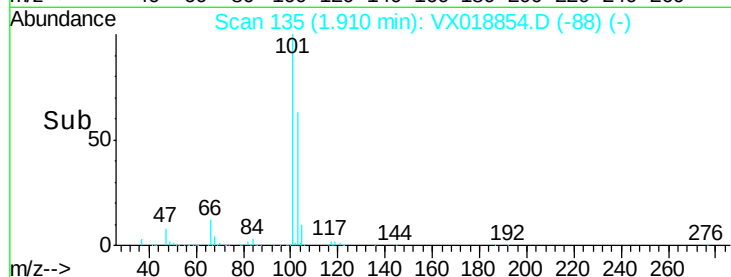
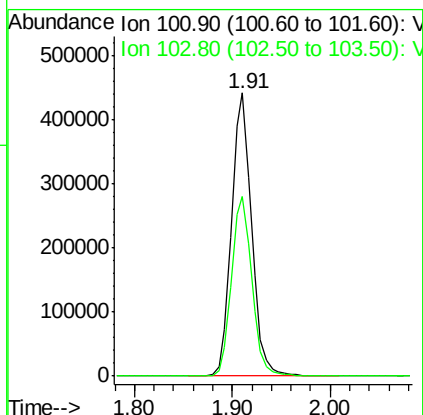
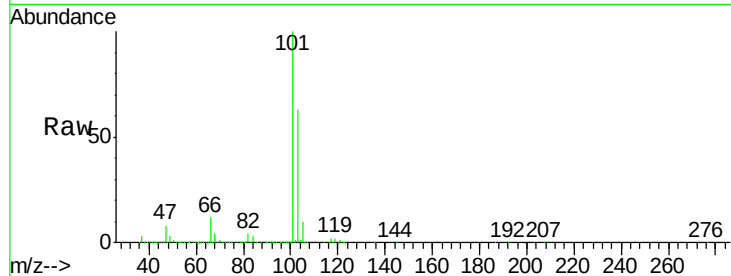
Trichlorofluoromethane
Concen: 169.523 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	50.0	75.0

Manual Integrations
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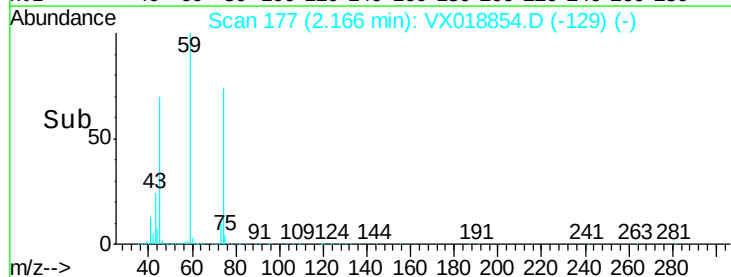
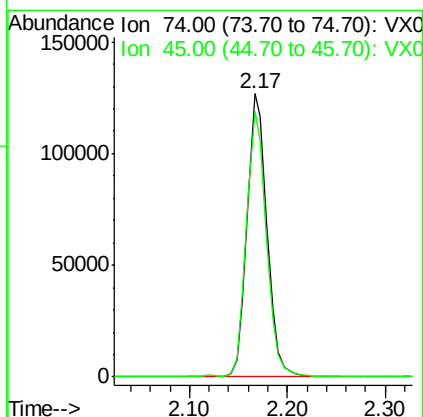
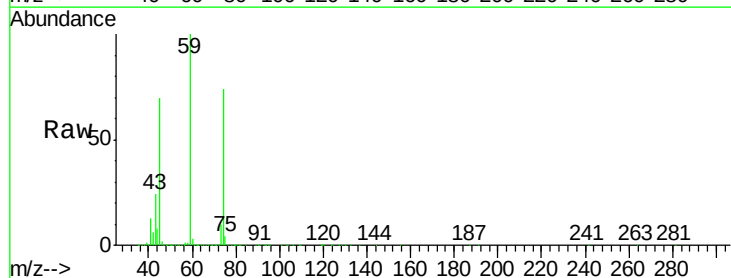
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10/12/2020 2:23:27 PM

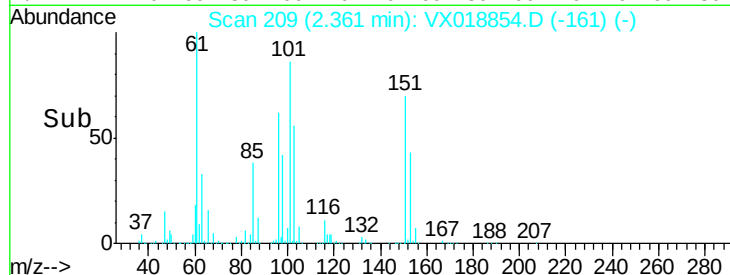
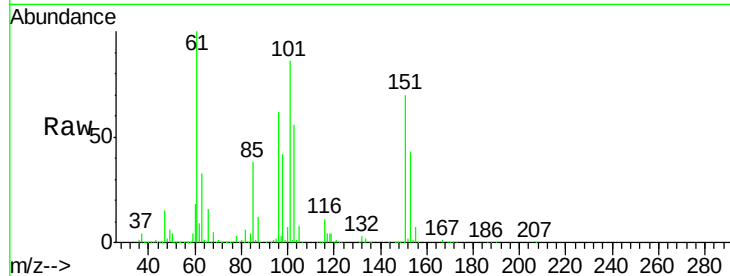
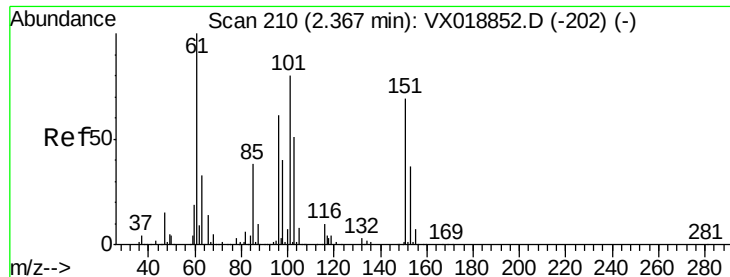


#8

Diethyl Ether
Concen: 143.110 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.9	47.0	141.2





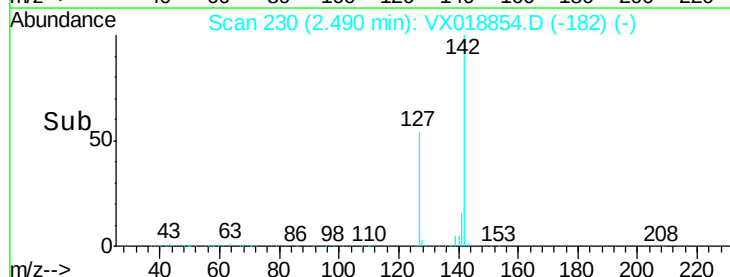
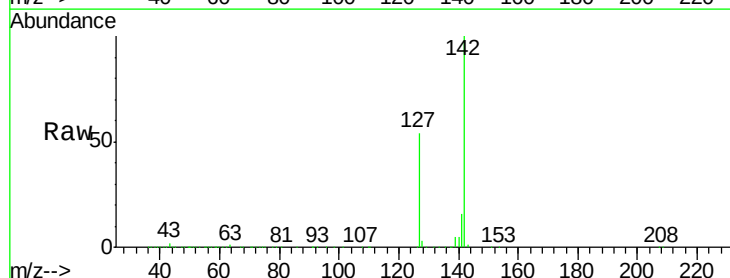
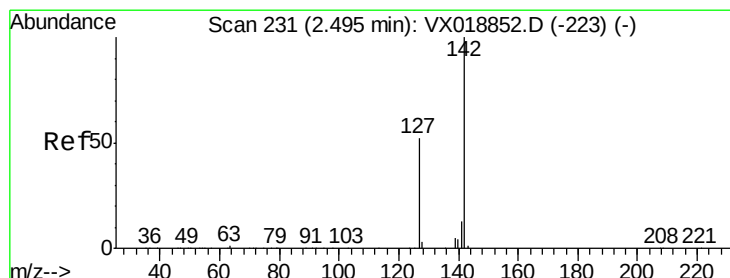
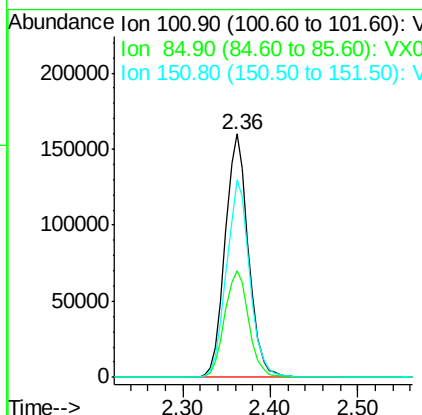
#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.933 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	294738		
85	45.3	36.6	55.0	
151	81.5	67.2	100.8	

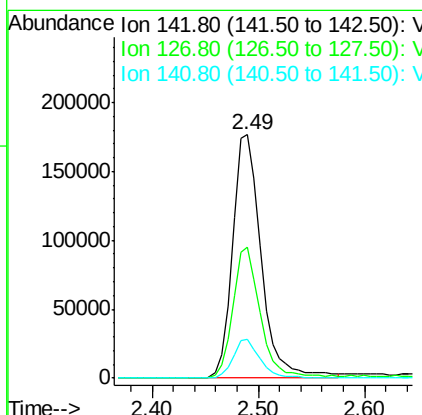
Manual Integrations
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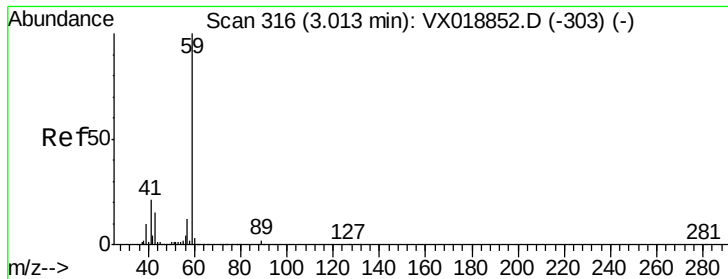
MMDadoda
10/12/2020 2:23:27 PM



#10
Methyl Iodide
Concen: 165.398 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	334201		
127	52.0	42.0	63.0	
141	15.0	11.8	17.6	





#11

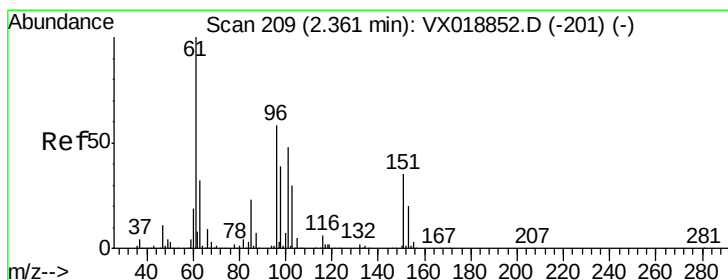
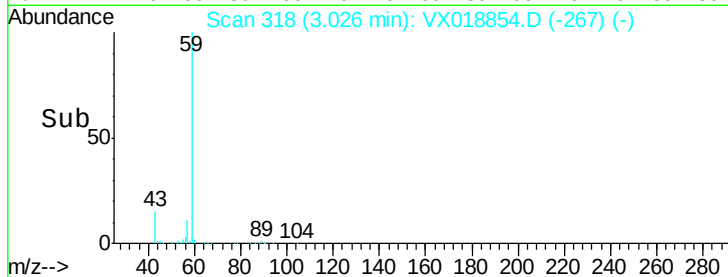
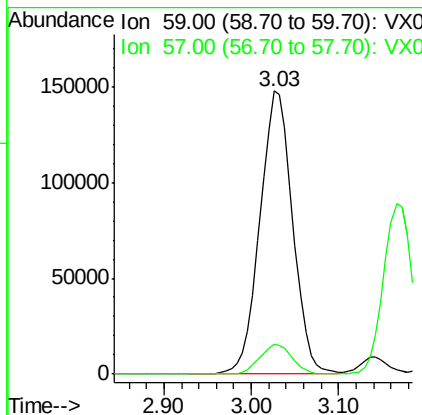
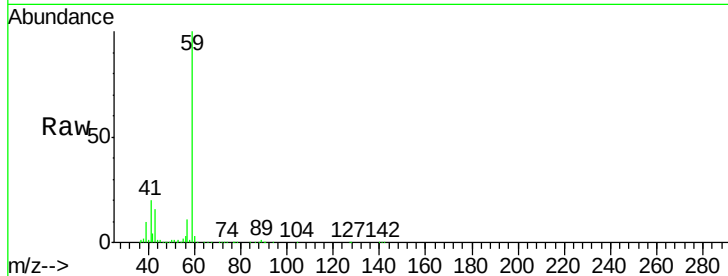
Tert butyl alcohol
Concen: 786.867 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	9.0	13.6

Manual Integrations
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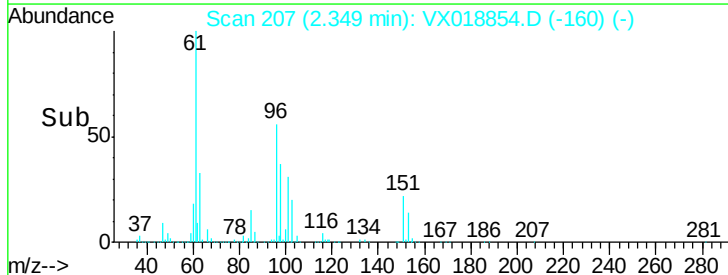
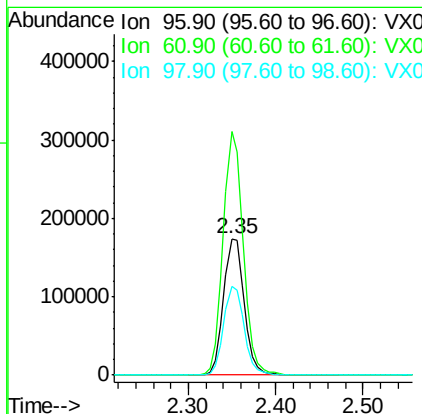
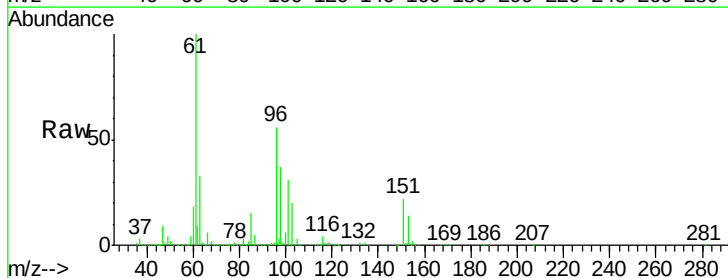
MMDadoda
10/12/2020 2:23:27 PM

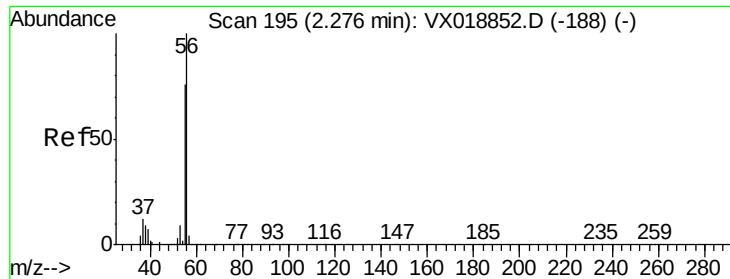


#12

1,1-Dichloroethene
Concen: 147.324 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.6	137.0	205.6
98	65.3	53.9	80.9





#13

Acrolein

Concen: 940.672 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 307281

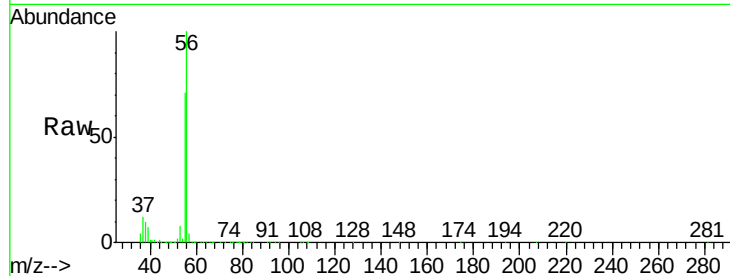
Ion Ratio Lower Upper

56 100

55 70.8 58.6 87.8

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

200000

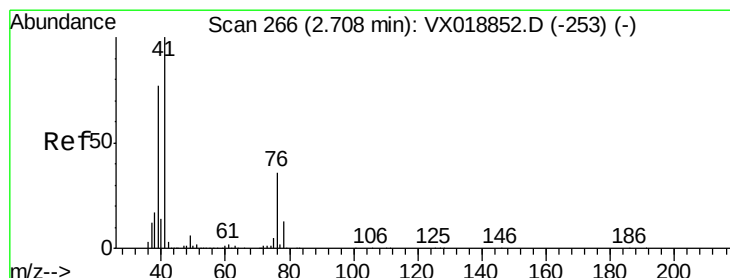
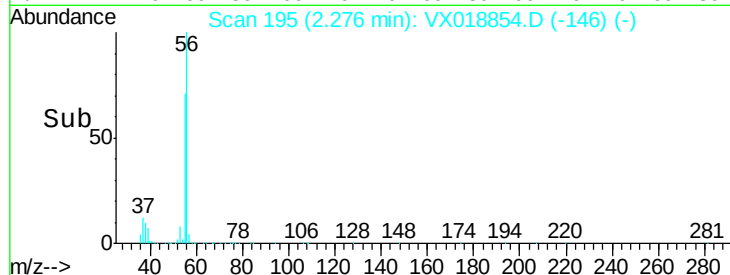
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 141.364 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

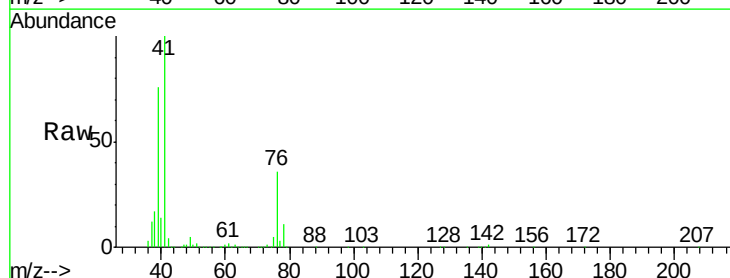
Tgt Ion: 41 Resp: 525334

Ion Ratio Lower Upper

41 100

39 71.8 57.8 86.8

76 33.8 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

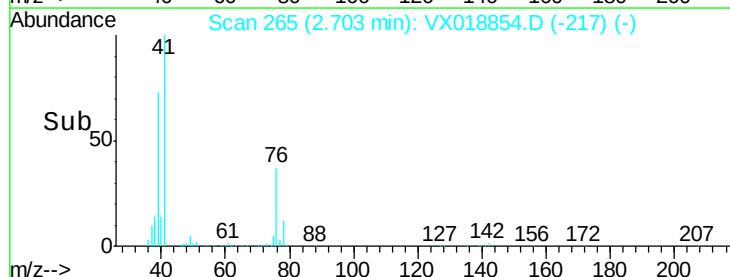
600000

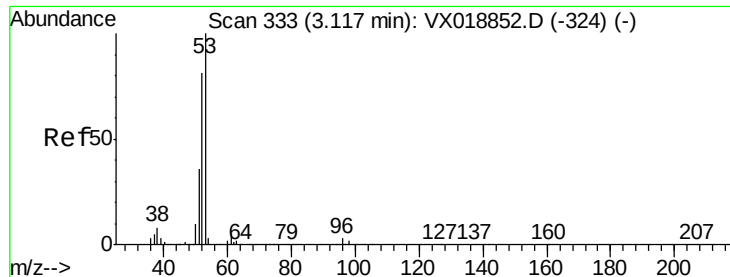
400000

200000

0

Time-->





#15

Acrylonitrile

Concen: 675.663 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

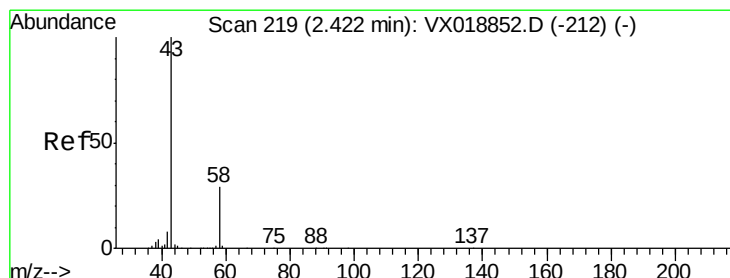
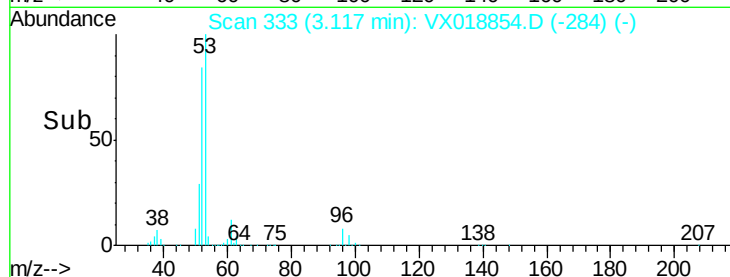
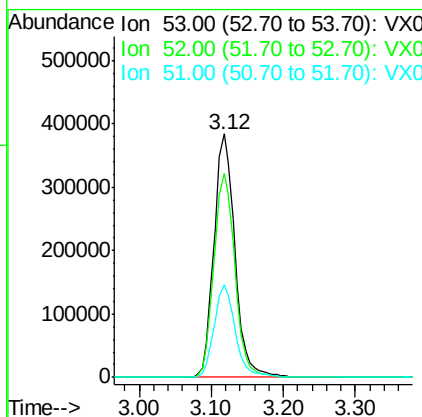
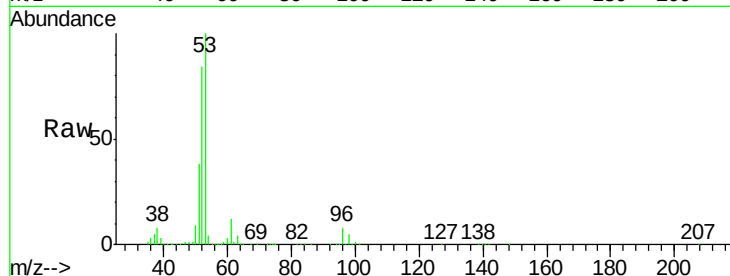
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	775848
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.7	100.1
51	38.2	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 756.023 ug/l

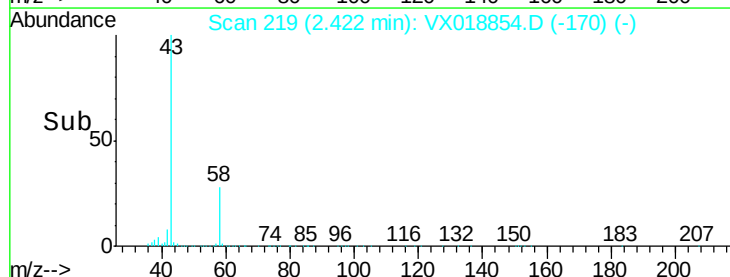
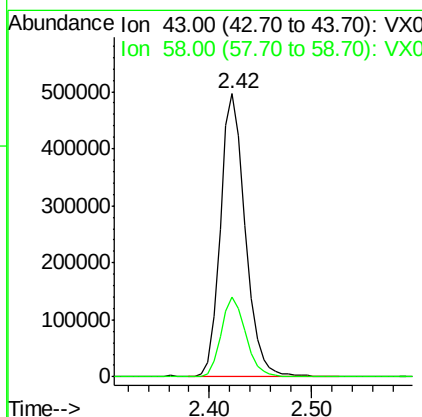
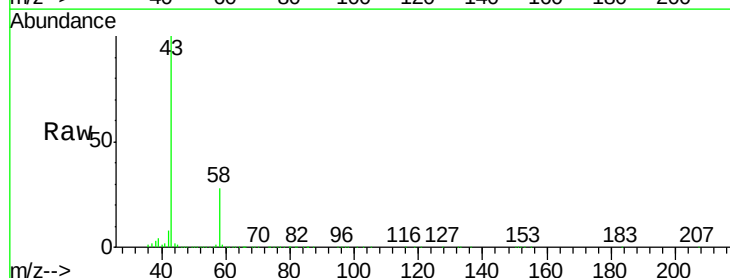
RT: 2.42 min Scan# 219

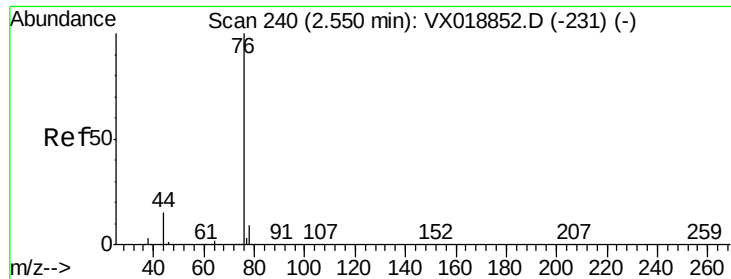
Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Tgt Ion:	43	Resp:	838471
Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.0	34.4





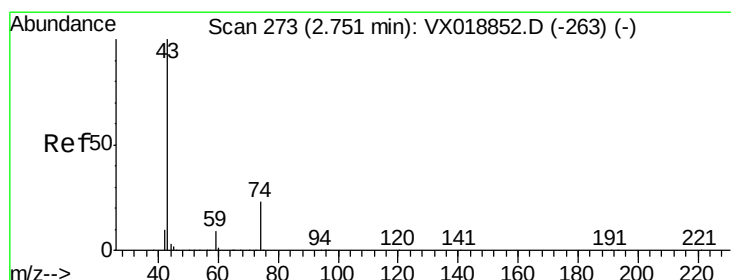
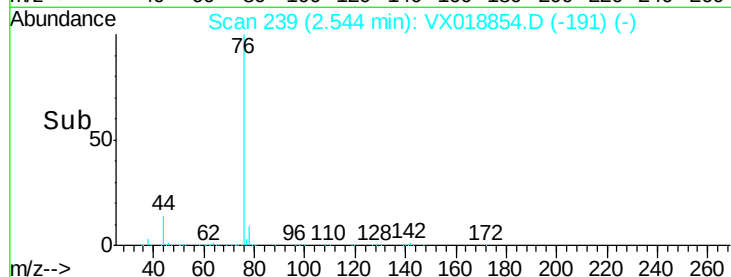
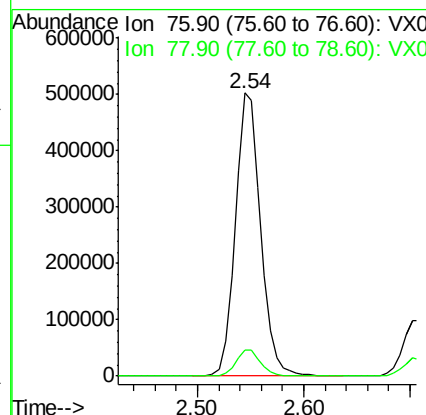
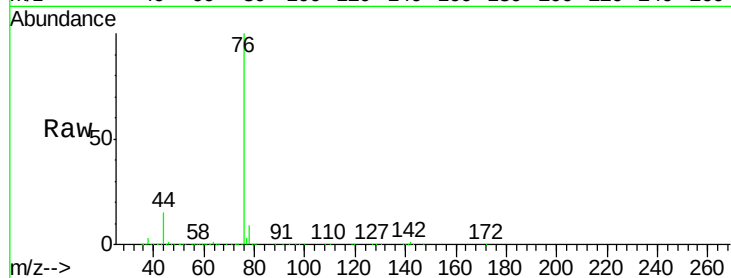
#17
Carbon Disulfide
Concen: 144.065 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

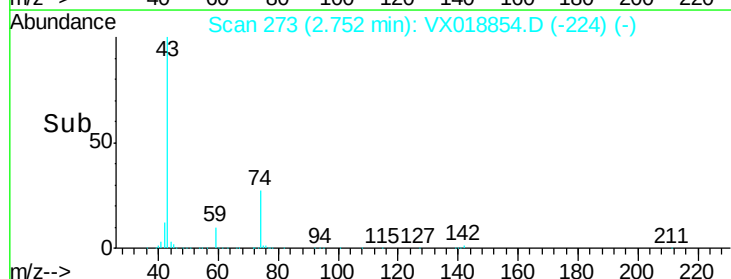
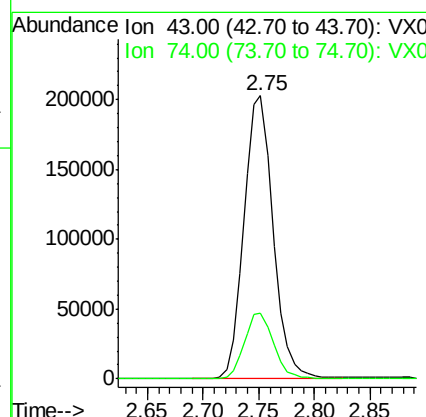
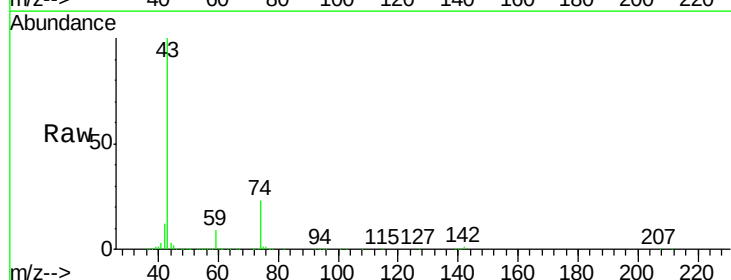
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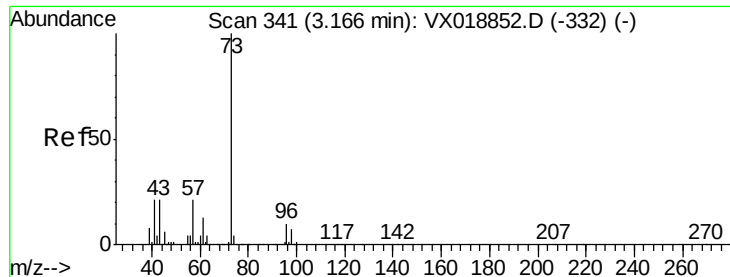
MMDadoda
10/12/2020 2:23:27 PM



#18
Methyl Acetate
Concen: 139.261 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.9	28.3





#19

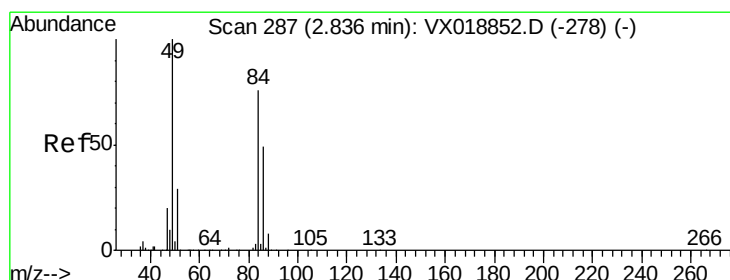
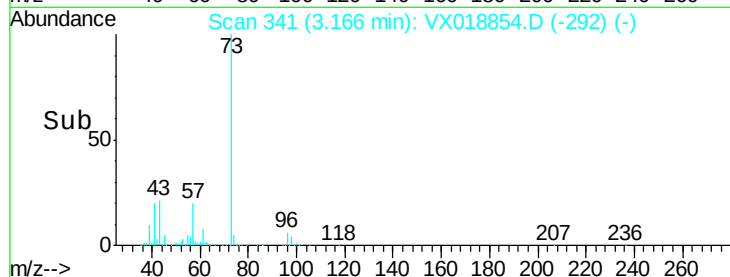
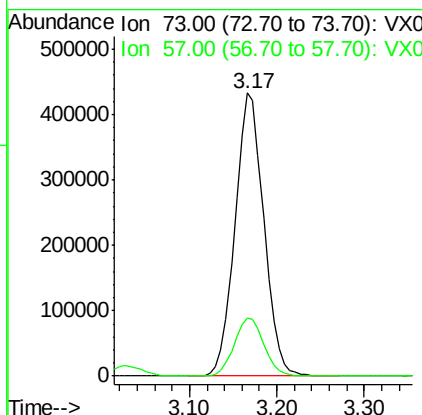
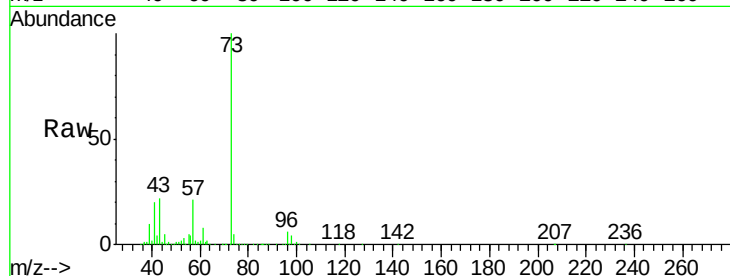
Methyl tert-butyl Ether
 Concen: 146.511 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	73	Resp	990183
Ion Ratio	100	Lower	Upper
73	100	16.7	25.1
57	20.5		

Manual Integrations
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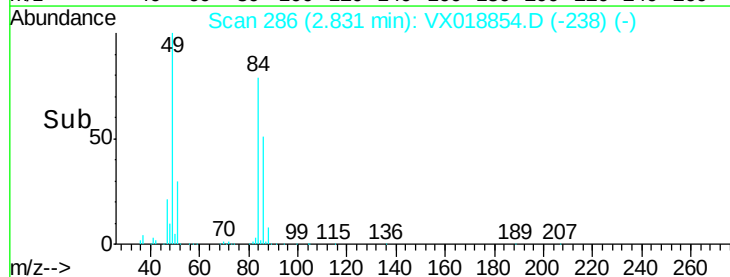
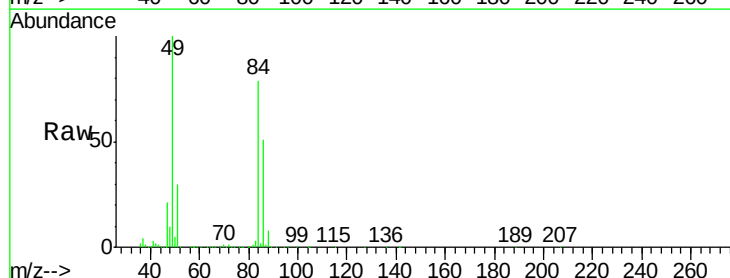
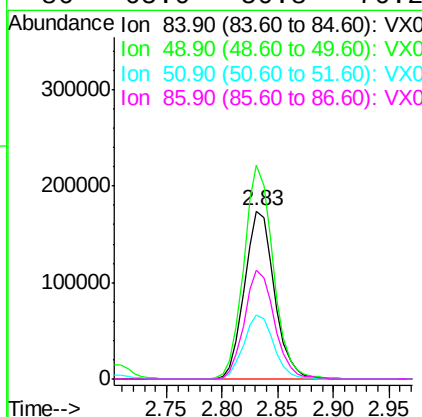
MMDadoda
 10/12/2020 2:23:27 PM

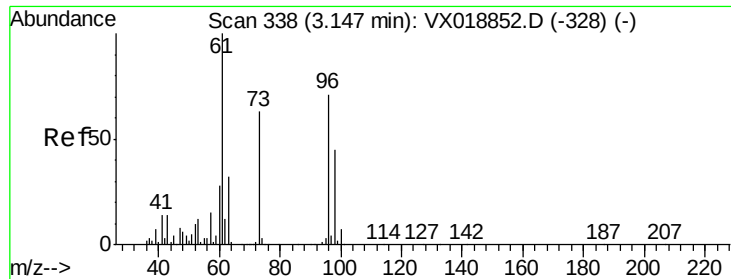


#20

Methylene Chloride
 Concen: 136.413 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	84	Resp	325321
Ion Ratio	100	Lower	Upper
84	100	50.8	76.2
49	126.8	104.8	157.2
51	38.0	30.6	46.0
86	65.0		





#21

trans-1,2-Dichloroethene

Concen: 145.261 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 327919

Ion Ratio Lower Upper

96 100

61 142.3 112.0 168.0

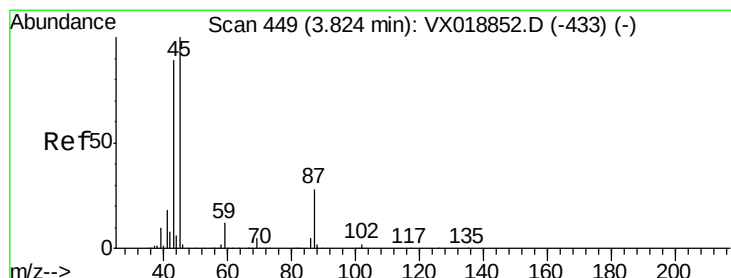
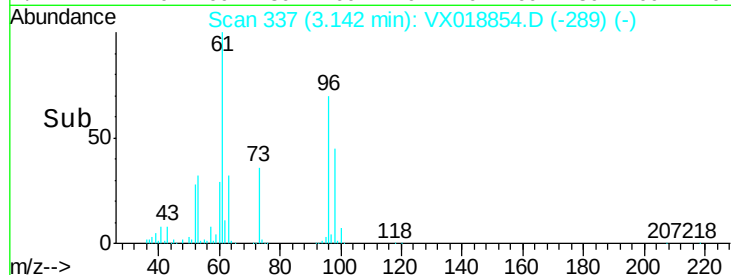
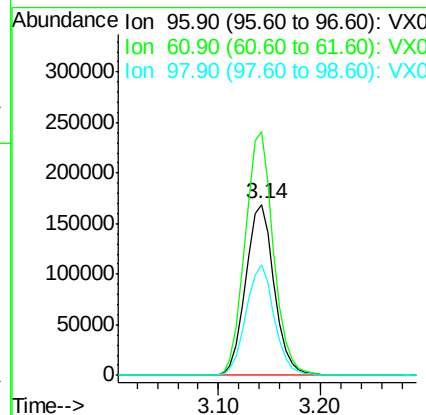
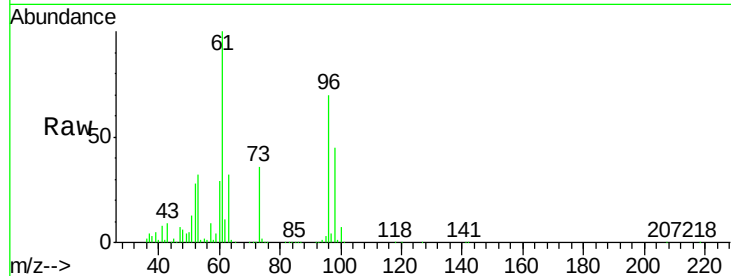
98 64.4 50.2 75.2

Manual Integrations

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MMDadoda

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#22

Diisopropyl ether

Concen: 134.088 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Tgt Ion: 45 Resp: 928218

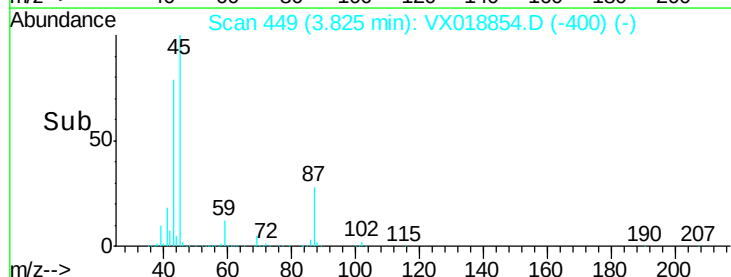
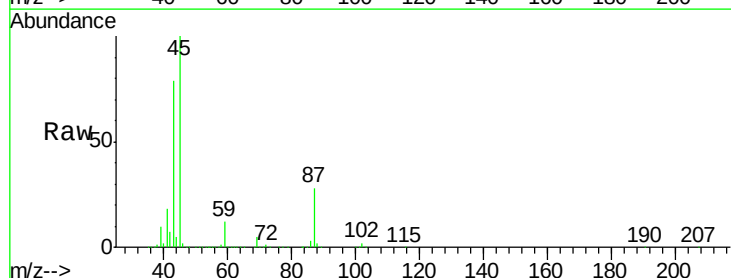
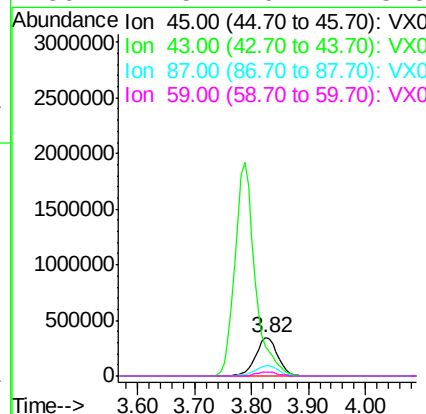
Ion Ratio Lower Upper

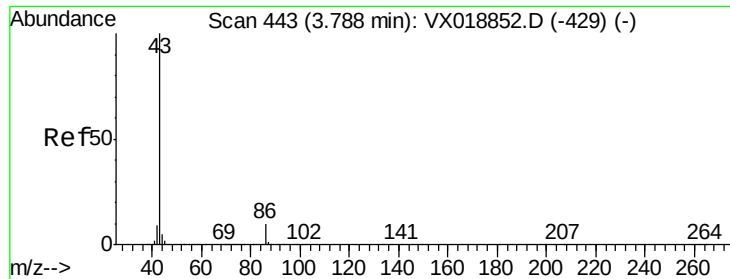
45 100

43 78.6 71.2 106.8

87 27.8 22.5 33.7

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 764.255 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4766286

Ion Ratio Lower Upper

43 100

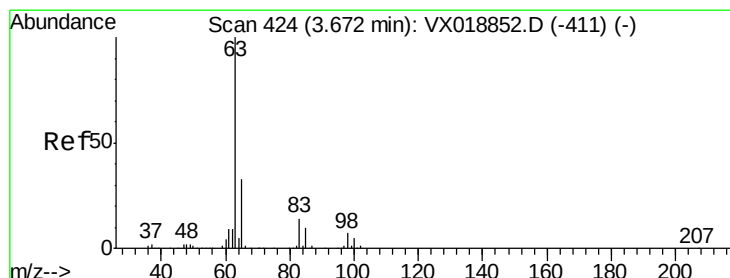
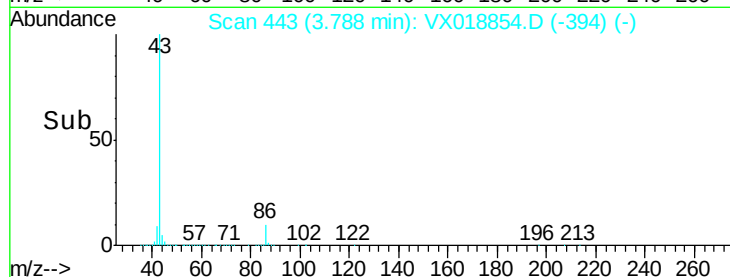
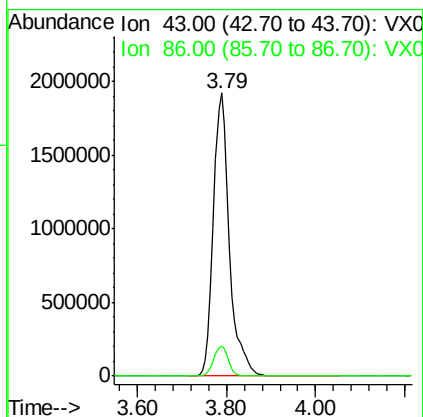
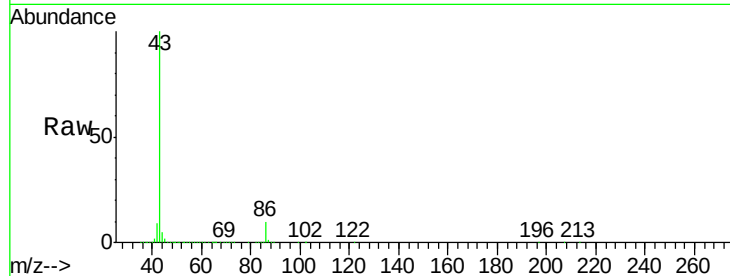
86 10.4 8.3 12.5

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 145.733 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

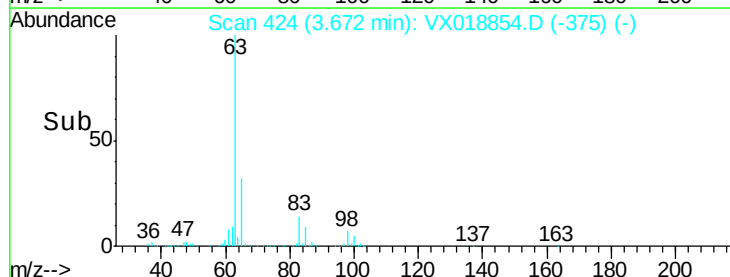
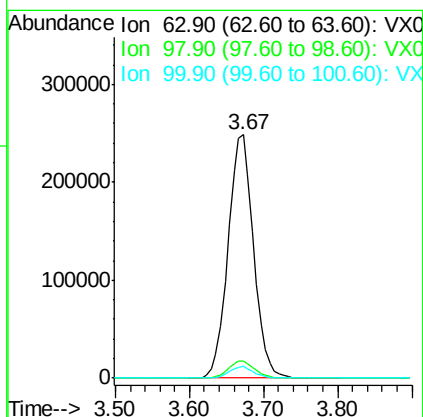
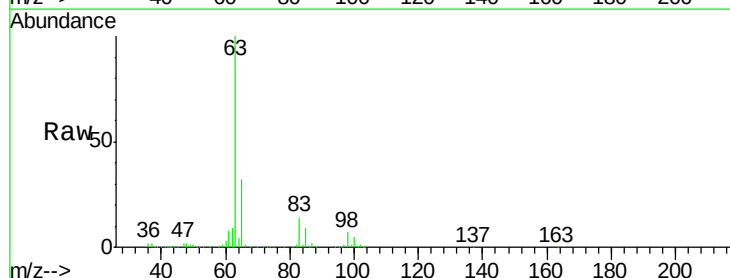
Tgt Ion: 63 Resp: 594121

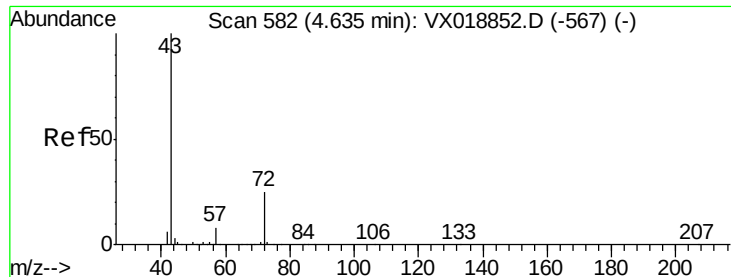
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 4.7 2.5 7.6





#25

2-Butanone

Concen: 745.998 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1256005

Ion Ratio Lower Upper

43 100

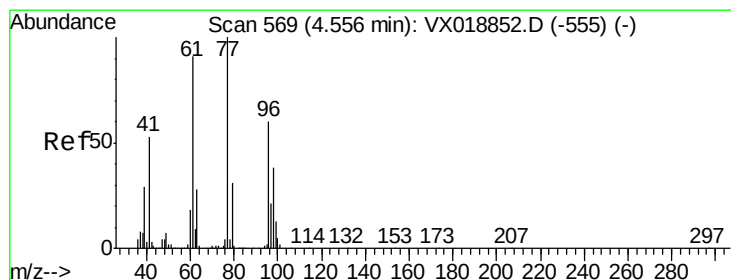
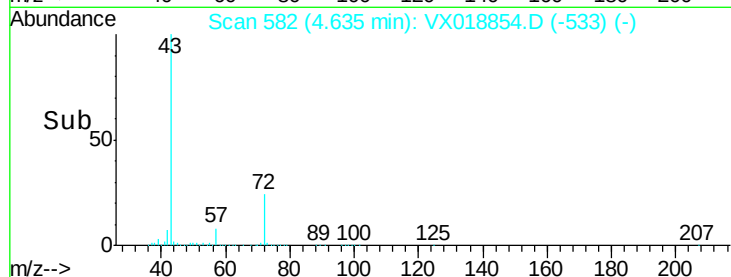
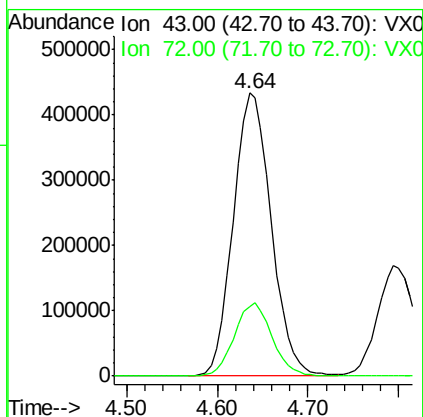
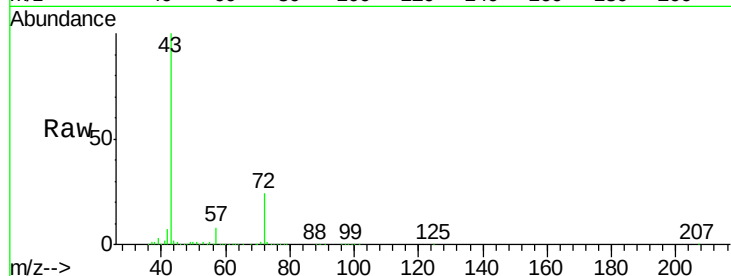
72 24.3 20.2 30.4

Manual Integrations

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MMDadoda

10/12/2020 2:23:27 PM



#26

2,2-Dichloropropane

Concen: 151.359 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018854.D

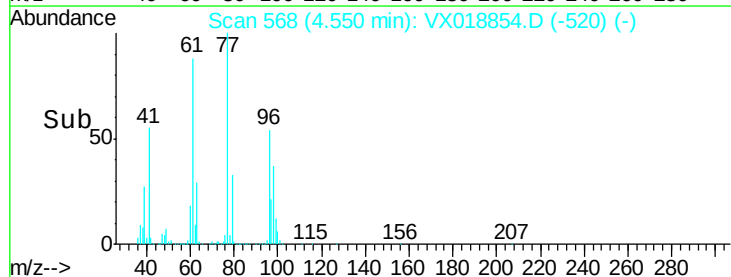
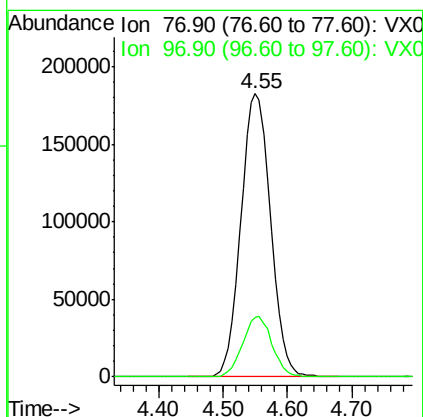
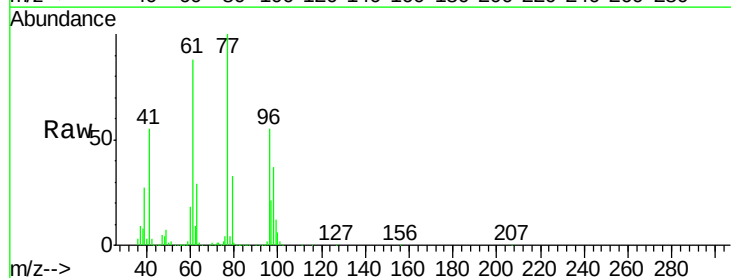
Acq: 09 Oct 2020 13:11

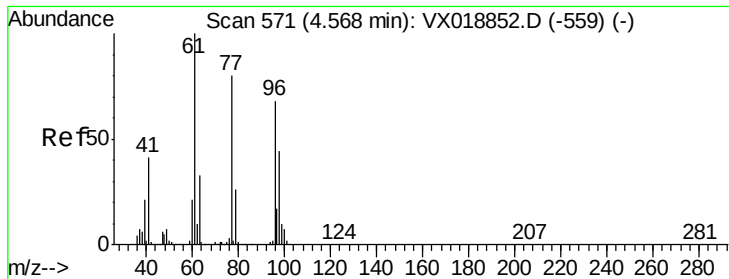
Tgt Ion: 77 Resp: 577229

Ion Ratio Lower Upper

77 100

97 21.1 10.4 31.4





#27

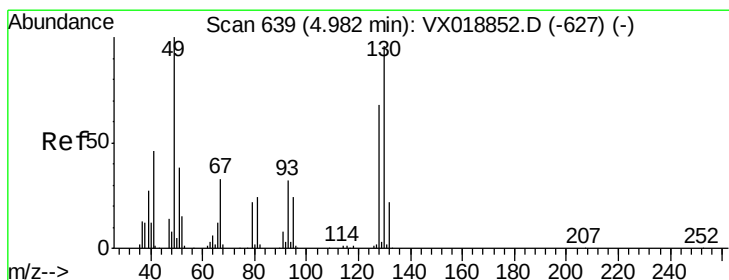
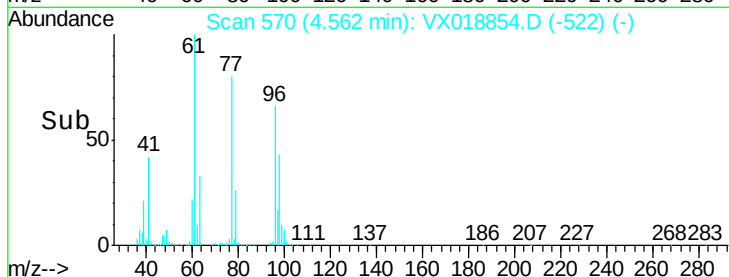
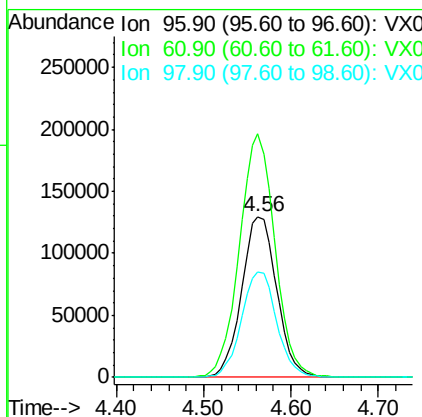
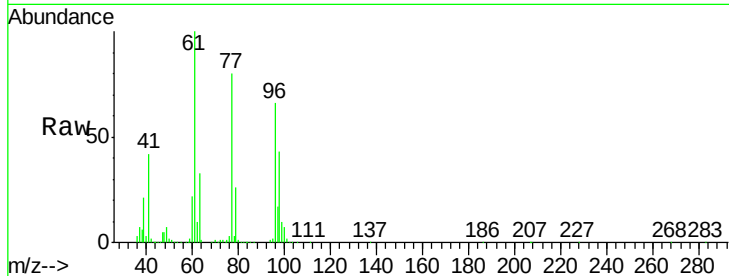
cis-1,2-Dichloroethene
Concen: 143.643 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.5	0.0	306.8	
98	65.9	0.0	130.2	

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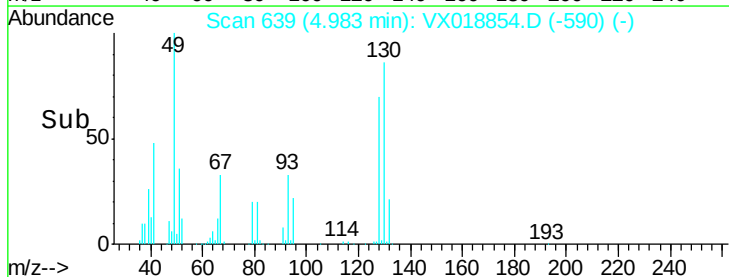
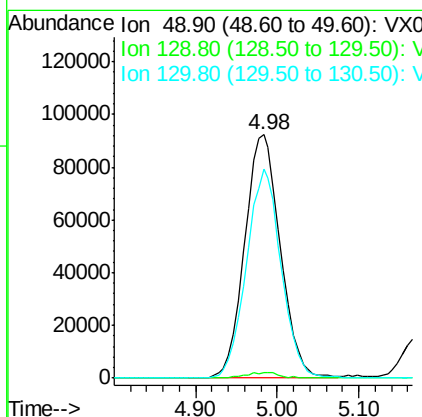
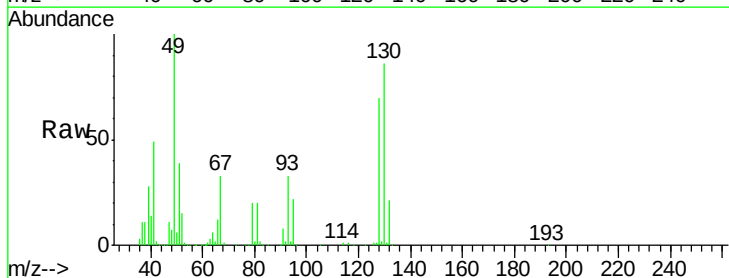
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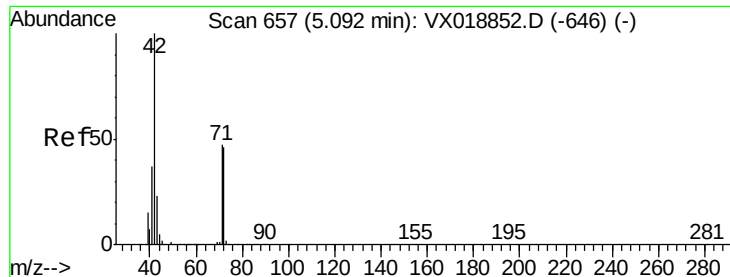


#28

Bromochloromethane
Concen: 148.854 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	5.4	
130	83.7	71.2	106.8	





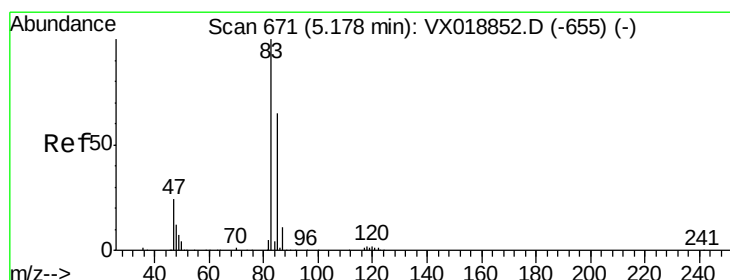
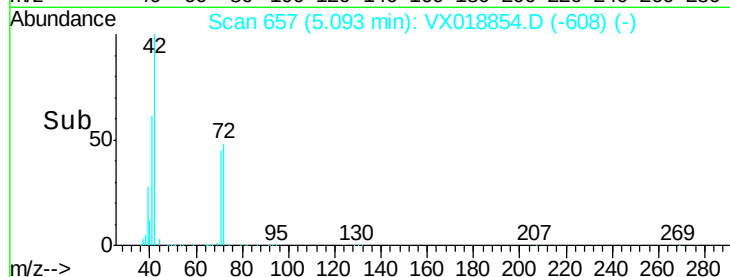
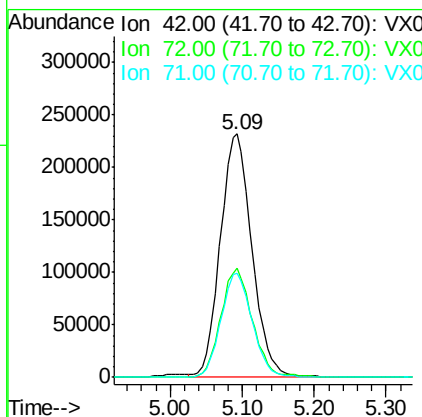
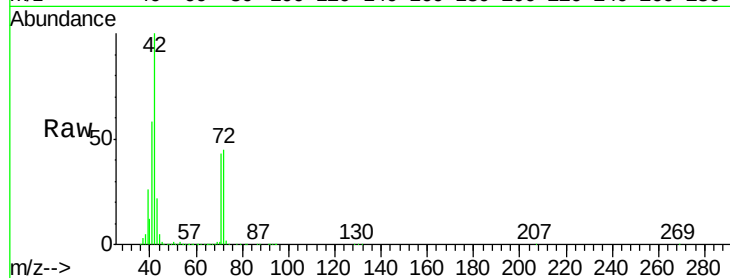
#29
Tetrahydrofuran
Concen: 681.809 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	36.4	54.6
71	42.6	35.2	52.8

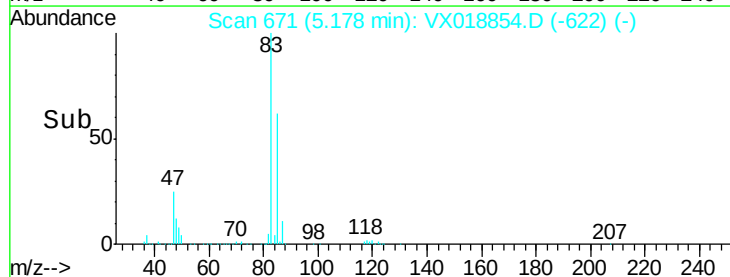
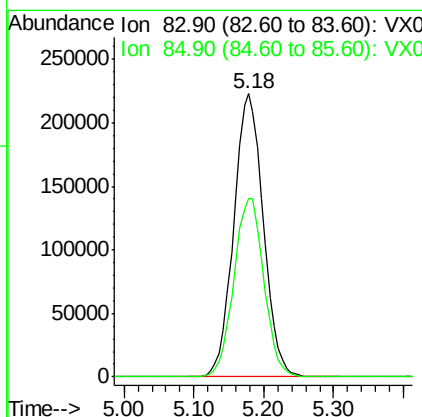
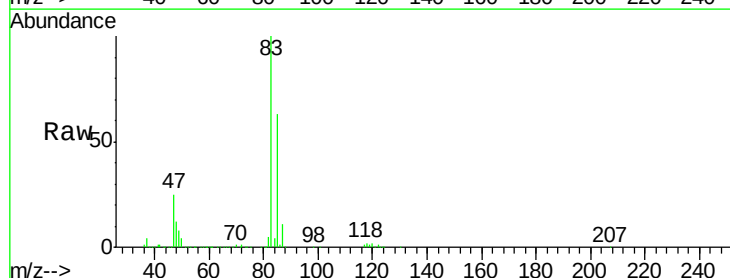
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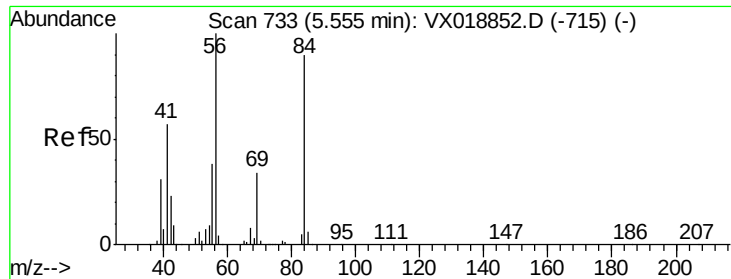
MMDadoda
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#30
Chloroform
Concen: 155.986 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.8





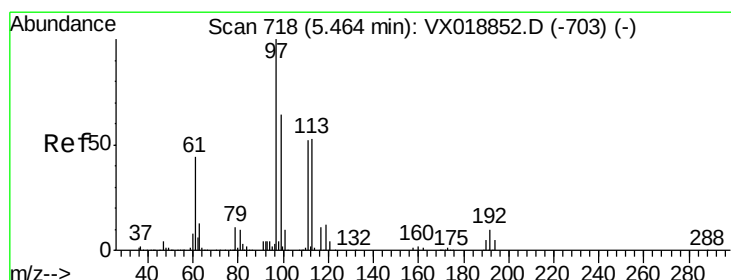
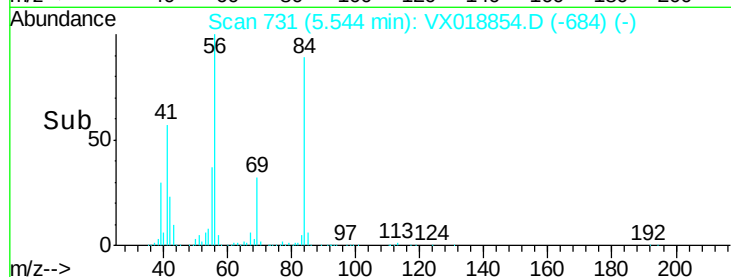
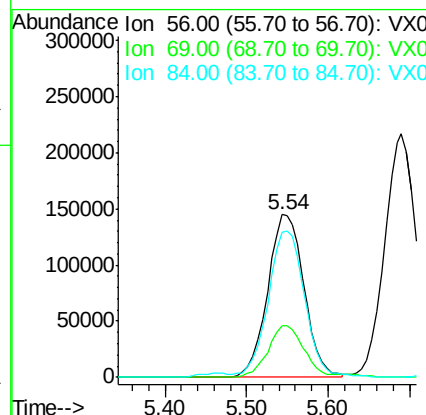
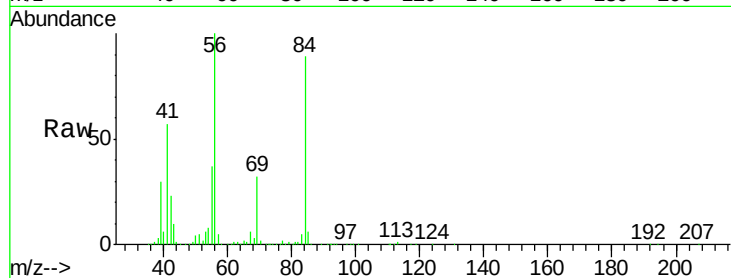
#31
Cyclohexane
Concen: 134.671 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	27.1	40.7
84	88.6	71.7	107.5

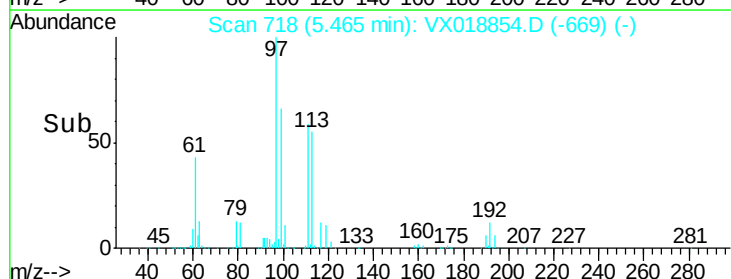
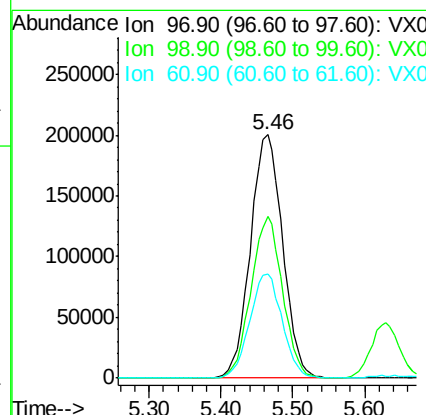
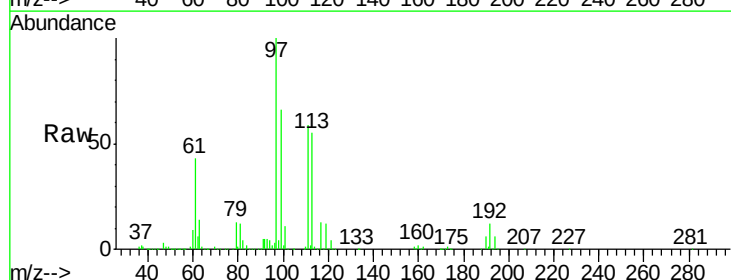
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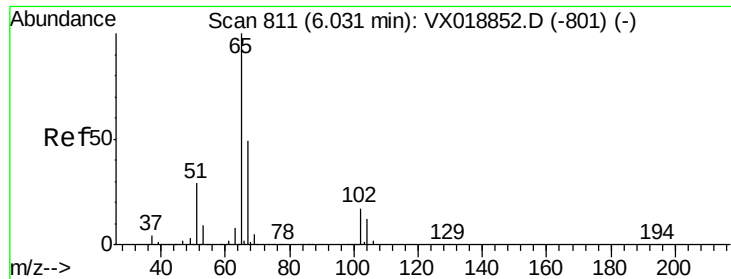
MMDadoda
10/12/2020 2:23:27 PM



#32
1,1,1-Trichloroethane
Concen: 158.016 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.1	78.1
61	43.2	35.3	52.9





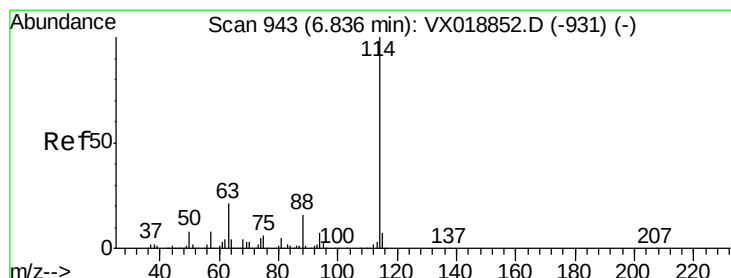
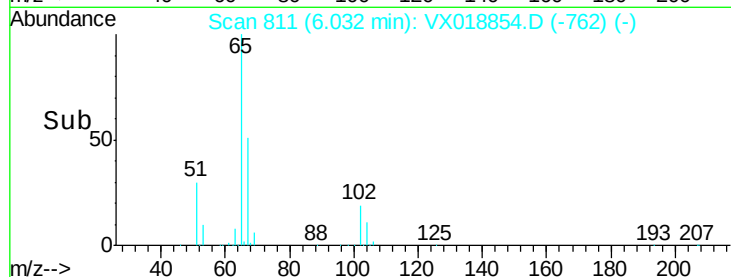
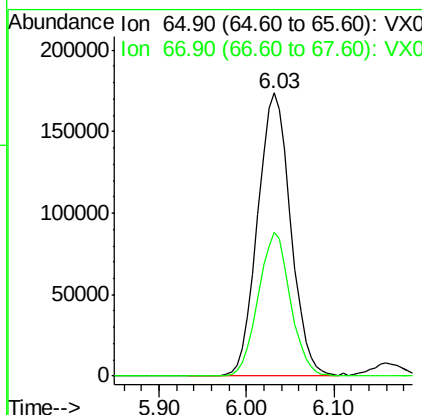
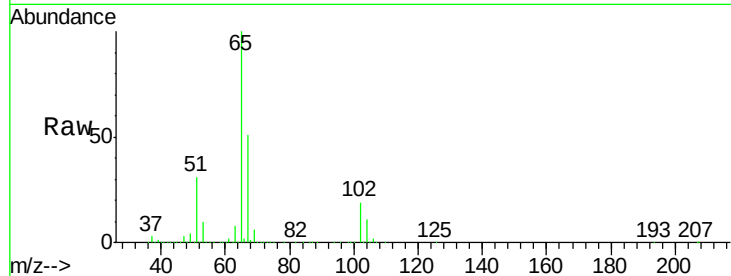
#33
 1,2-Dichloroethane-d4
 Concen: 158.741 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	97.0

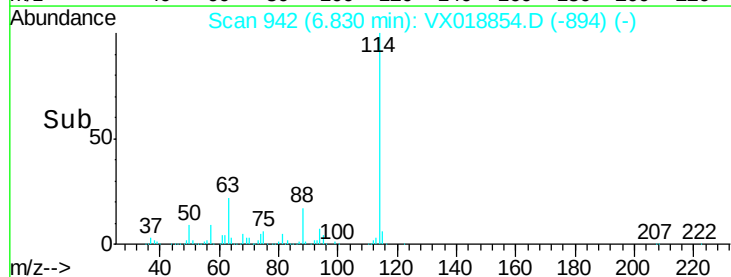
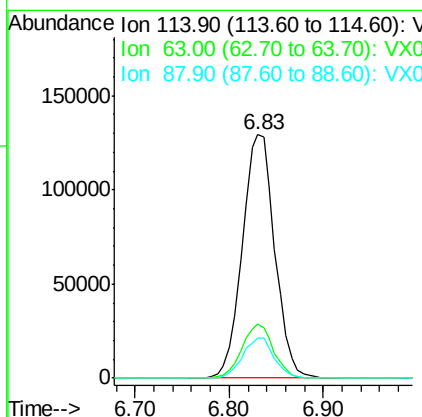
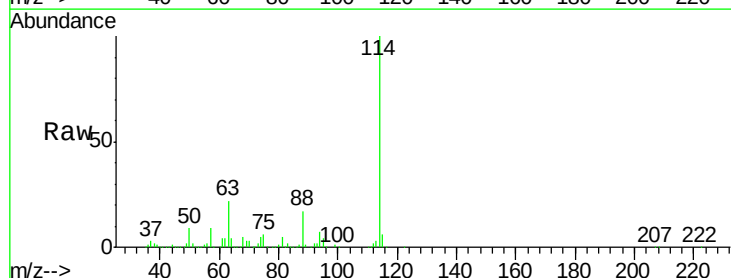
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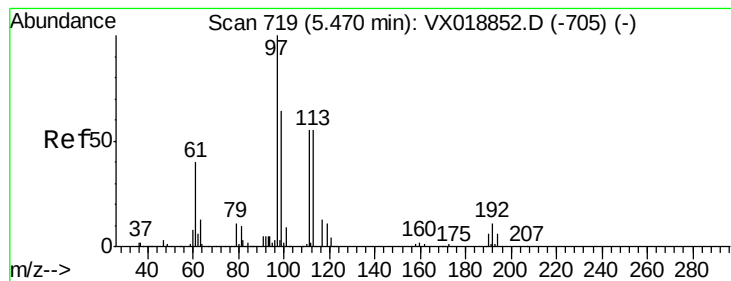
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	42.4
88	16.5	0.0	32.6





#35

Dibromofluoromethane

Concen: 154.131 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

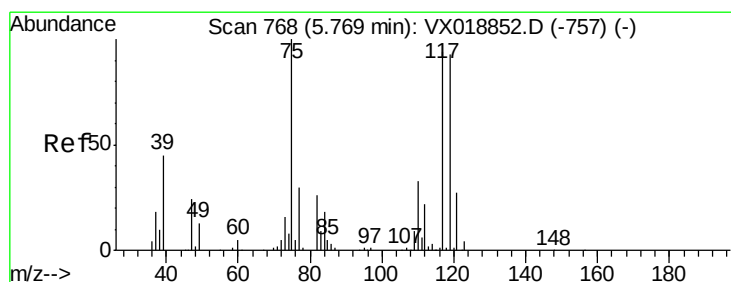
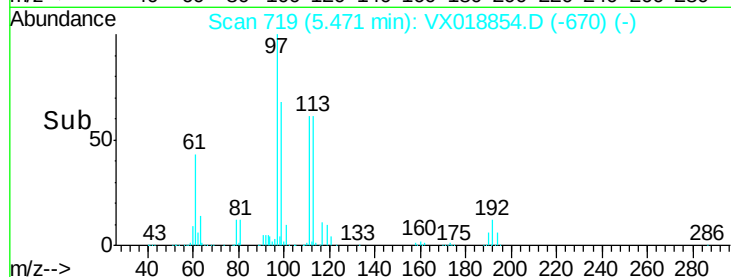
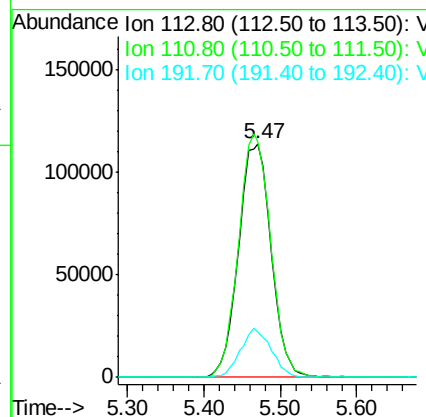
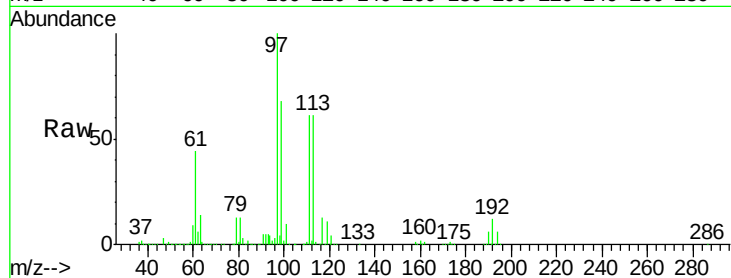
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	336273
Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.1	120.1
192	19.7	16.0	24.0

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#36

1,1-Dichloropropene

Concen: 154.501 ug/l

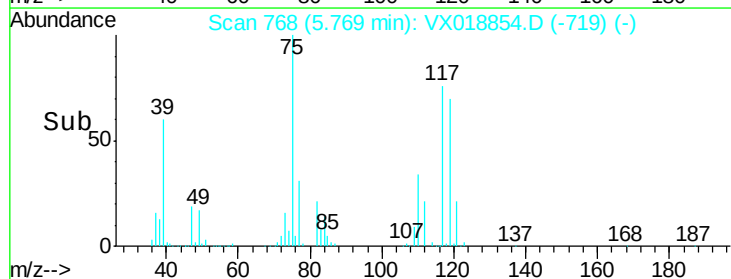
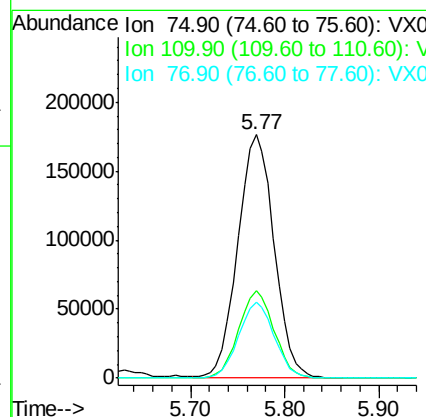
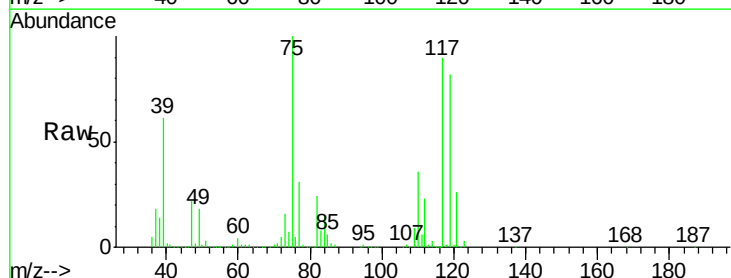
RT: 5.77 min Scan# 768

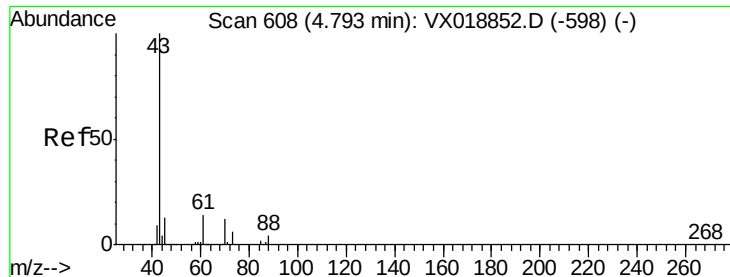
Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Tgt Ion:	75	Resp:	469951
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.8	53.5
77	30.9	24.2	36.4





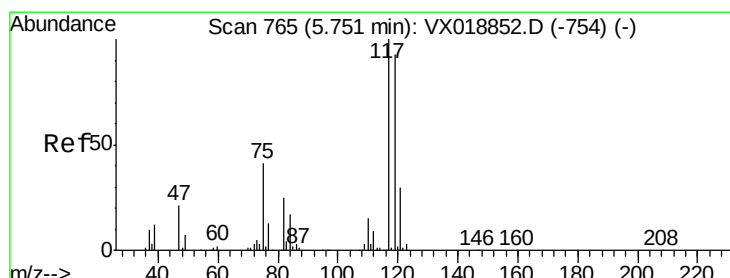
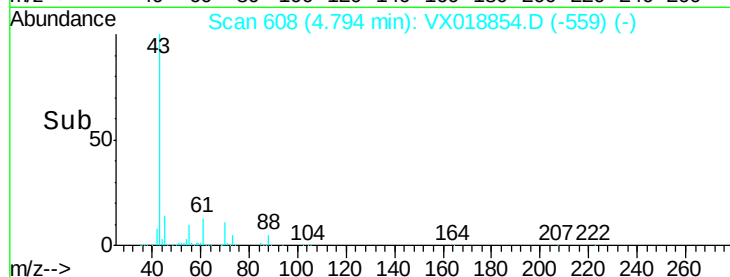
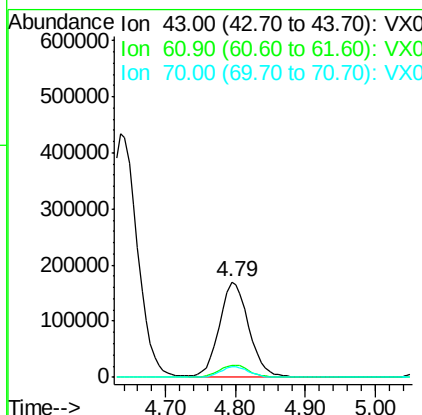
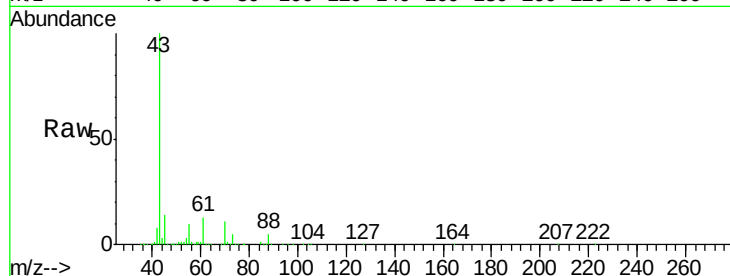
#37
Ethyl Acetate
Concen: 153.022 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.9	16.3
70	10.9	8.6	13.0

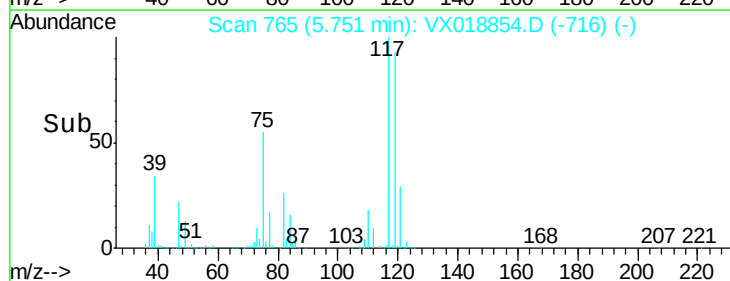
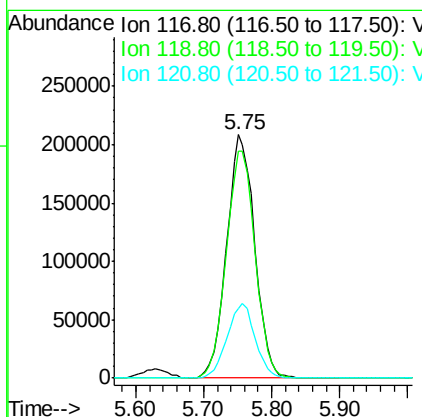
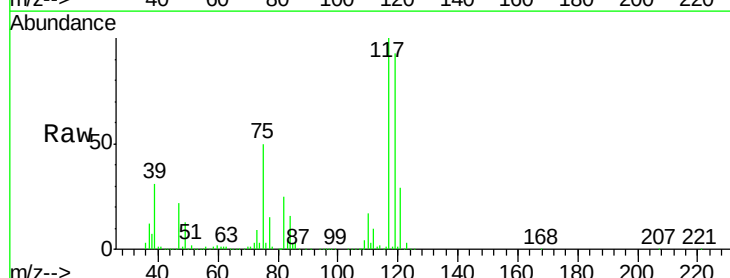
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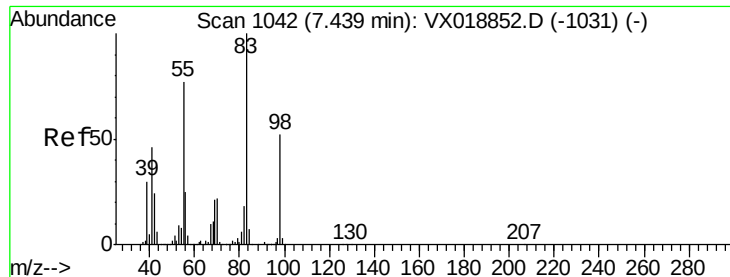
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#38
Carbon Tetrachloride
Concen: 172.218 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	73.9	110.9
121	28.8	23.6	35.4





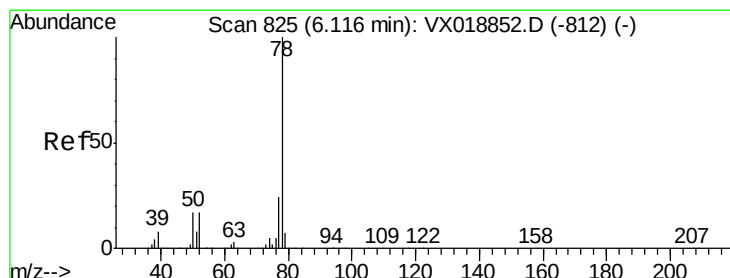
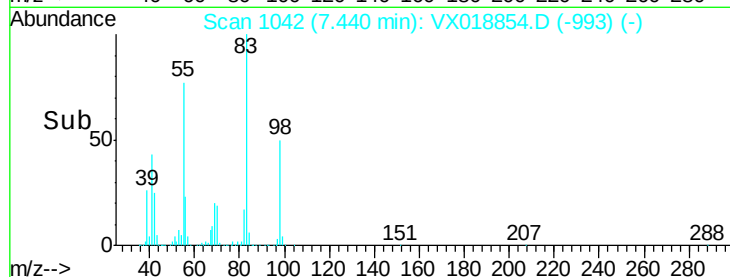
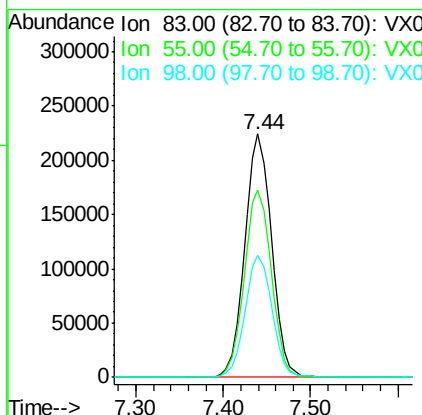
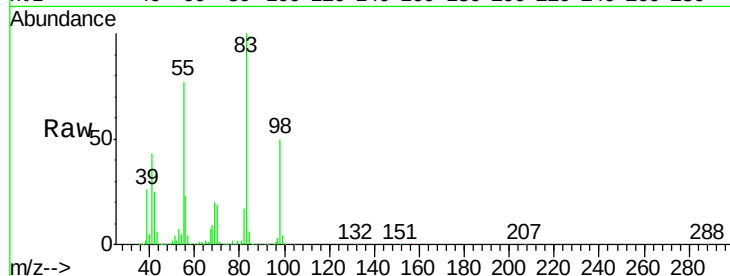
#39
Methylvlcyclohexane
Concen: 142.803 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	61.8	92.6
98	50.3	41.4	62.0

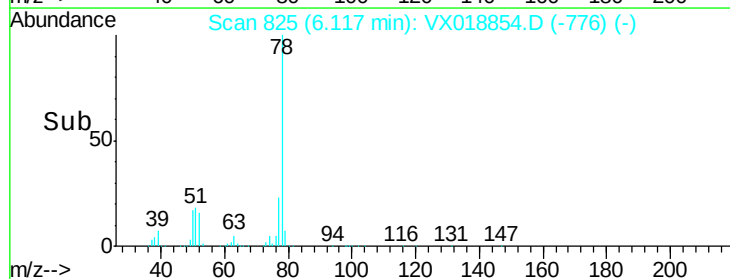
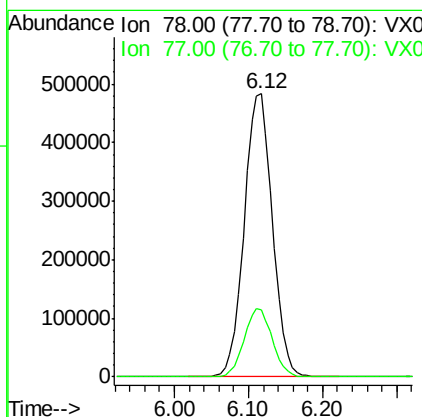
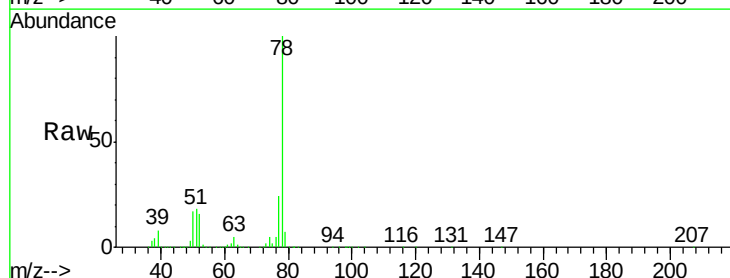
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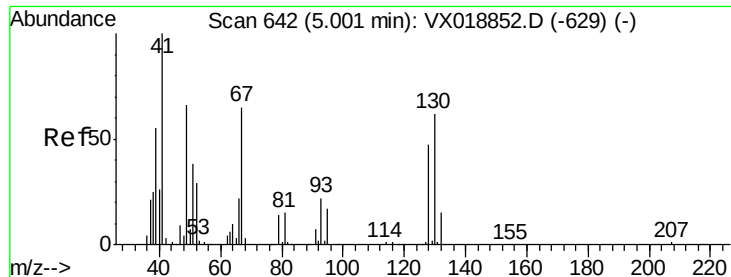
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#40
Benzene
Concen: 148.104 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





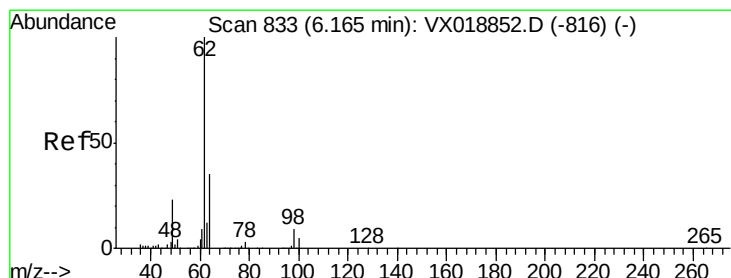
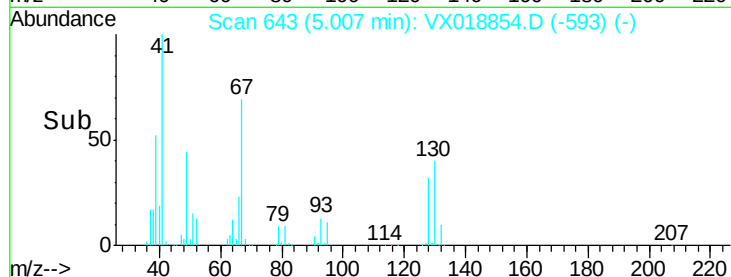
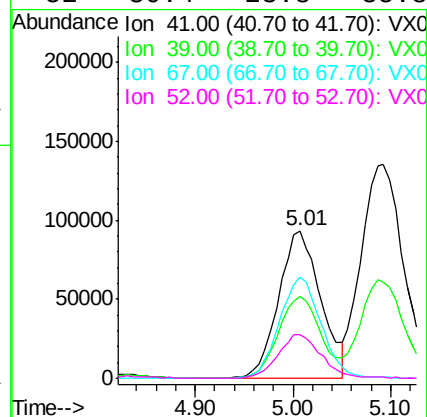
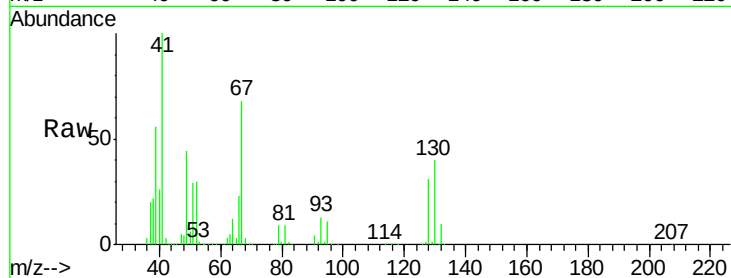
#41
Methacrylonitrile
Concen: 156.041 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	45.4	68.2	
67	67.9	55.4	83.2	
52	30.4	23.8	35.8	

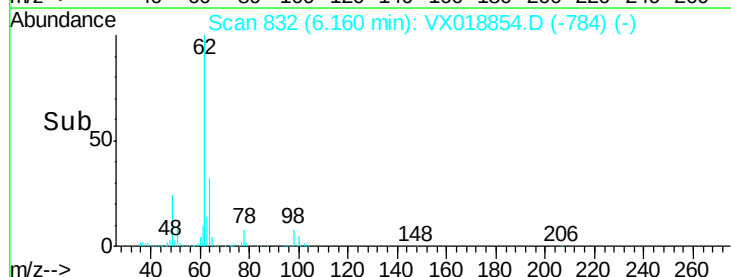
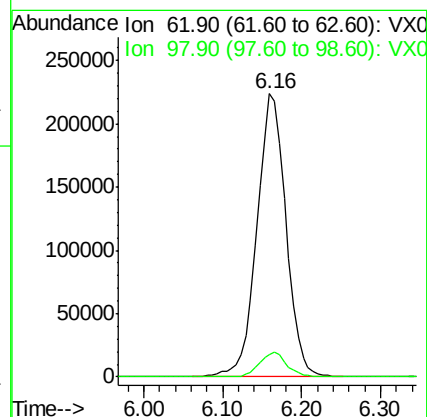
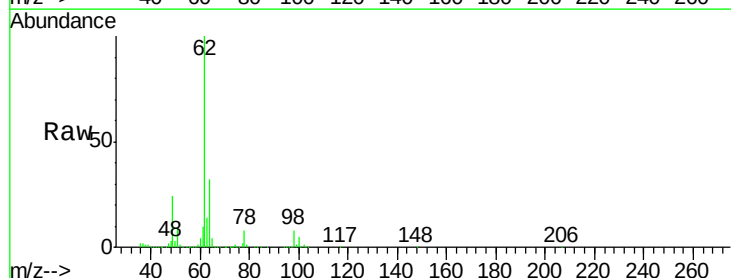
Manual Integrations
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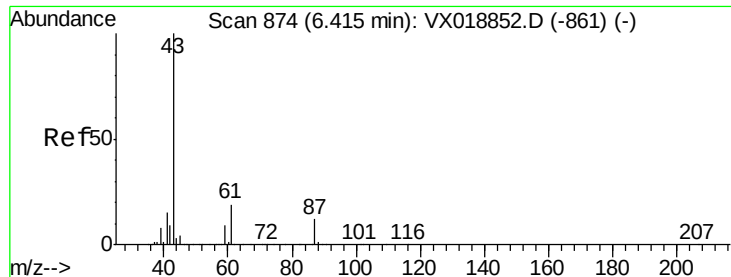
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#42
1,2-Dichloroethane
Concen: 165.646 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	16.4	





#43

Isopropyl Acetate

Concen: 155.644 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

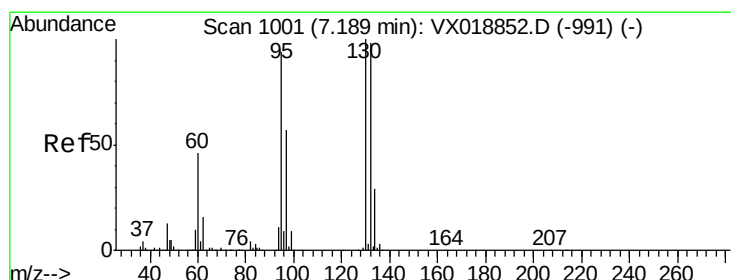
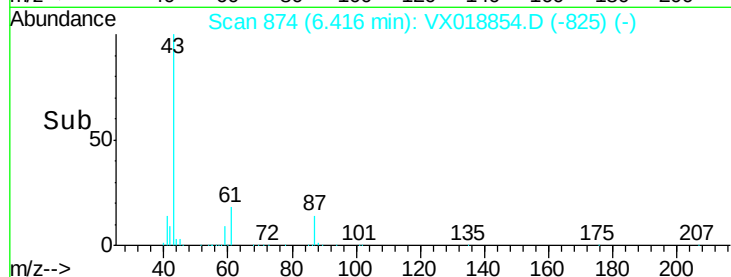
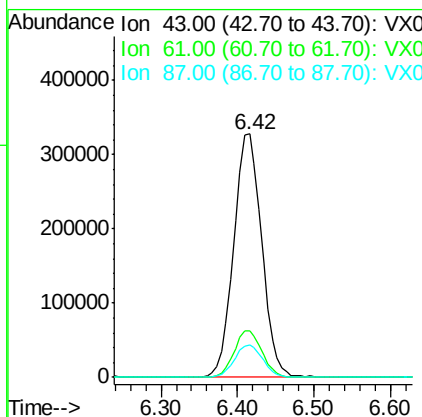
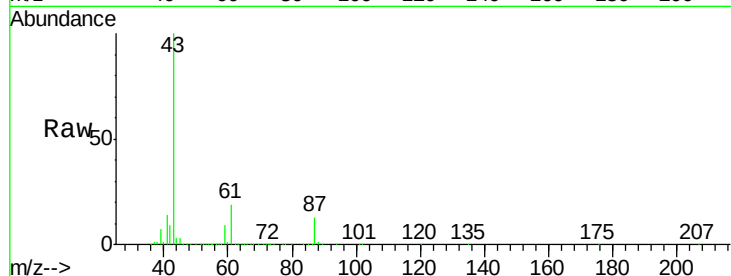
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	828903
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.5	23.3
87	13.4	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 149.976 ug/l

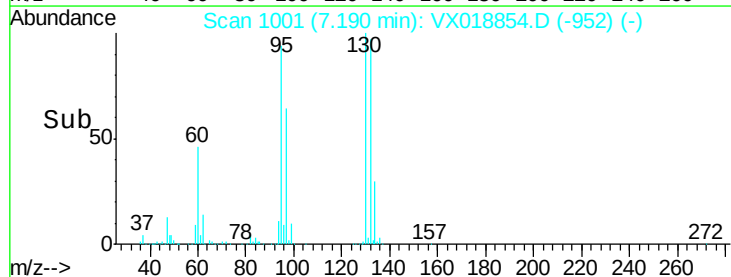
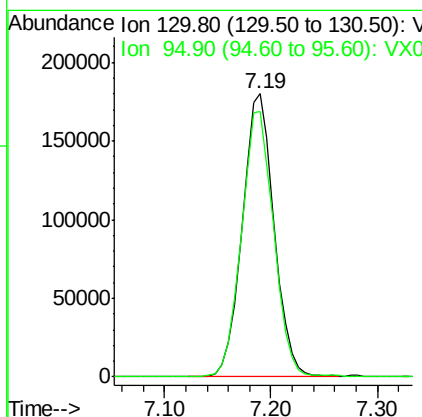
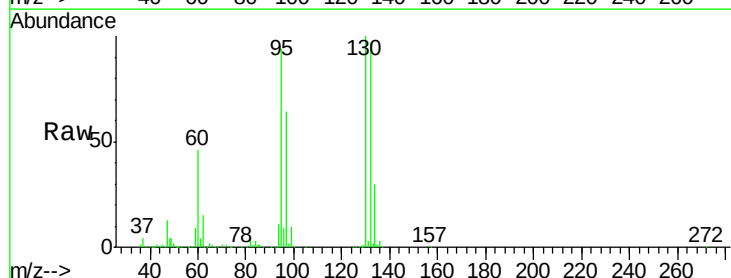
RT: 7.19 min Scan# 1001

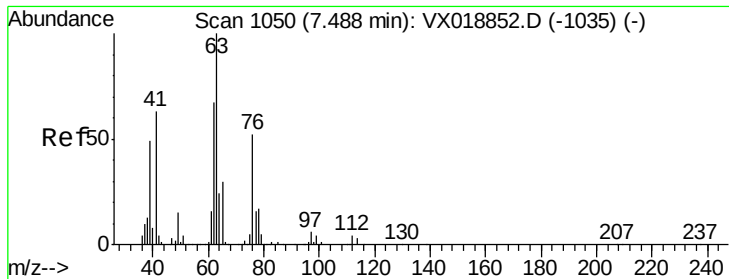
Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Tgt Ion:	130	Resp:	377417
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	188.4





#45

1,2-Dichloropropane

Concen: 143.561 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 340031

Ion Ratio Lower Upper

63 100

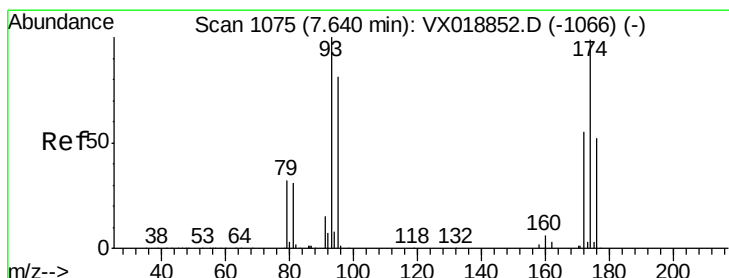
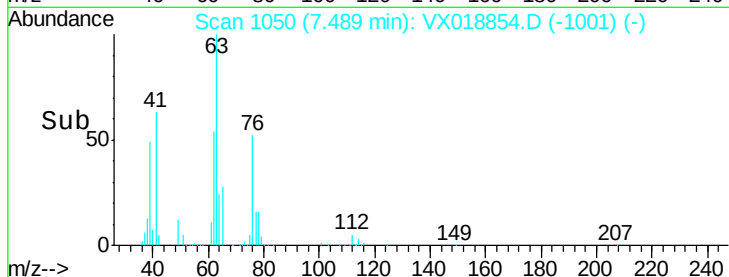
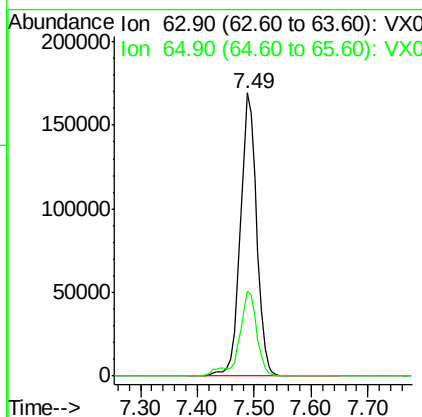
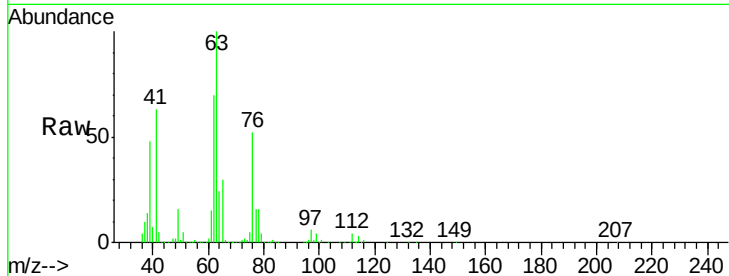
65 30.0 24.2 36.4

Manual Integrations

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#46

Dibromomethane

Concen: 154.045 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

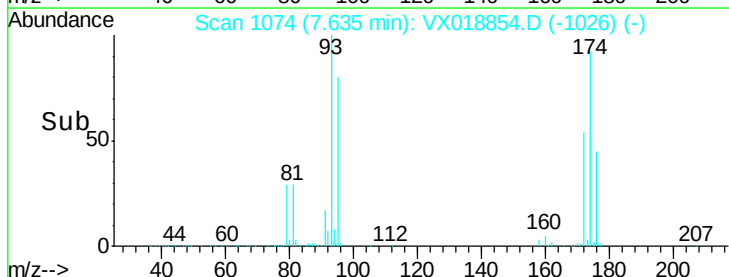
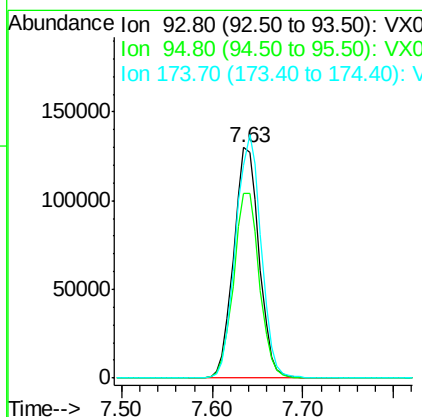
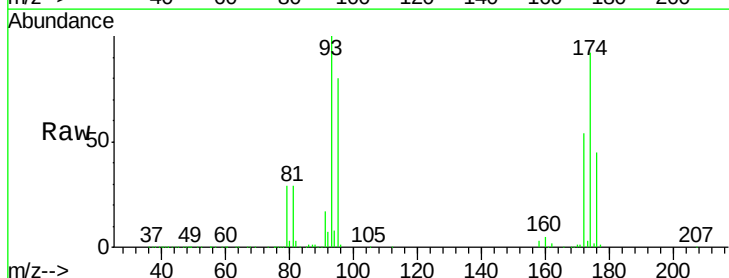
Tgt Ion: 93 Resp: 252740

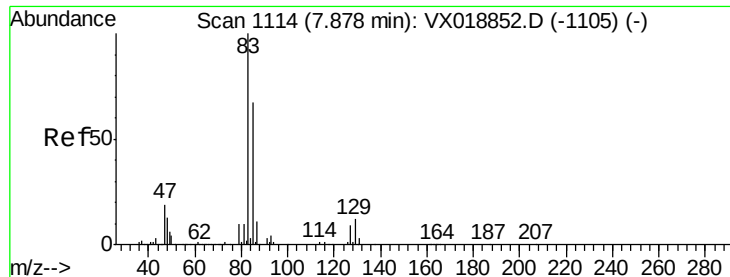
Ion Ratio Lower Upper

93 100

95 81.4 66.1 99.1

174 105.3 84.6 127.0





#47

Bromodichloromethane

Concen: 162.756 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

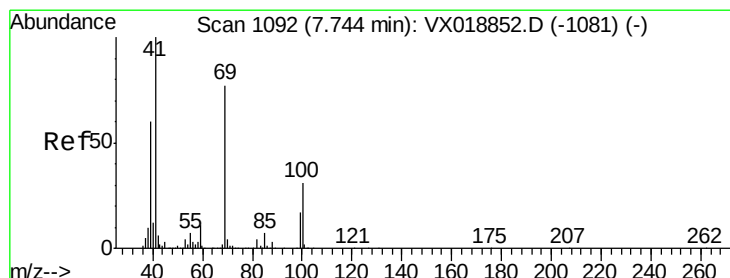
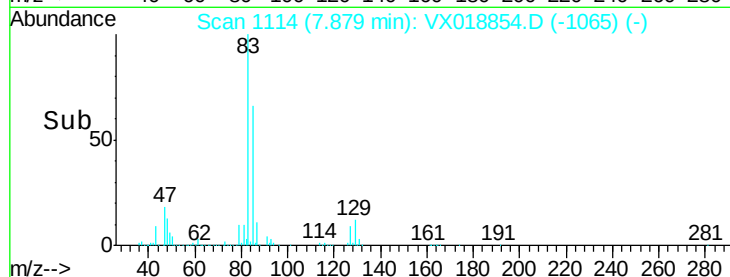
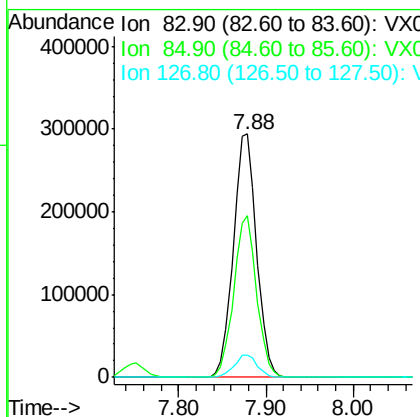
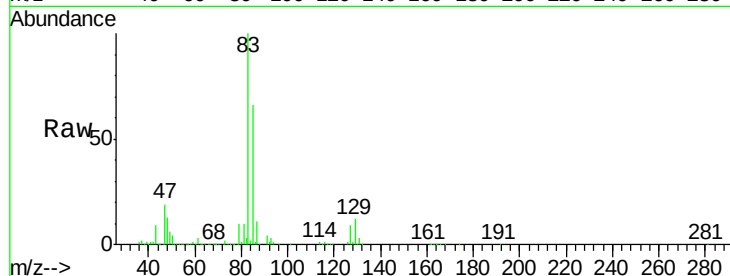
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	545386
Ion Ratio		Lower	Upper
83	100		
85	66.3	53.8	80.6
127	9.0	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 163.621 ug/l

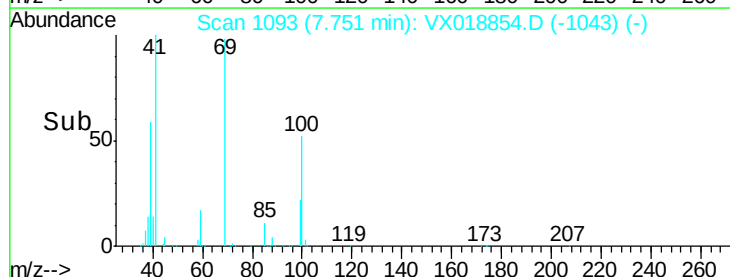
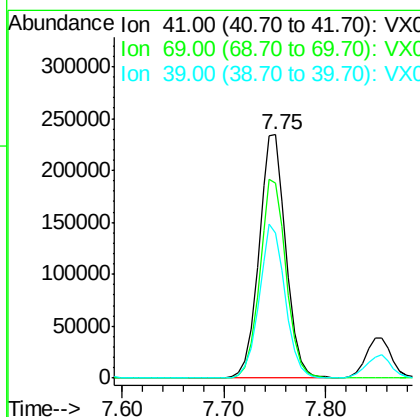
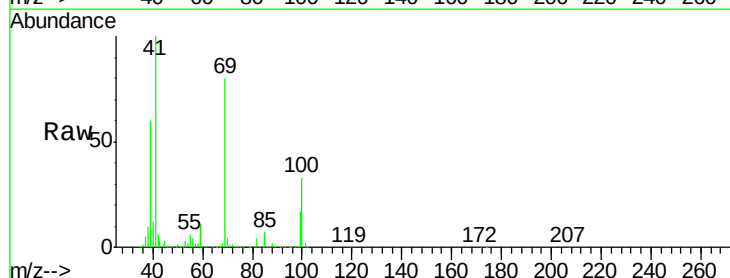
RT: 7.75 min Scan# 1093

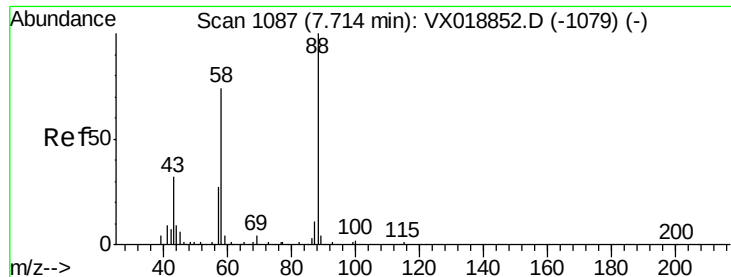
Delta R.T. 0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Tgt Ion:	41	Resp:	427180
Ion Ratio		Lower	Upper
41	100		
69	80.3	64.6	97.0
39	61.4	48.6	73.0





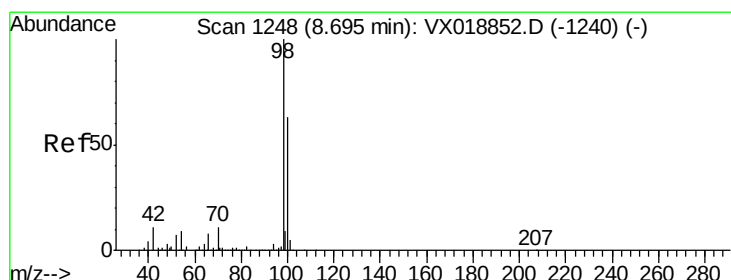
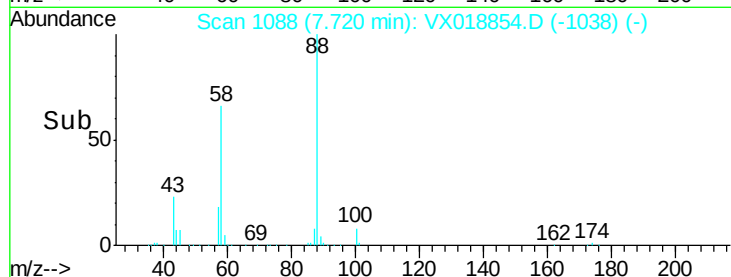
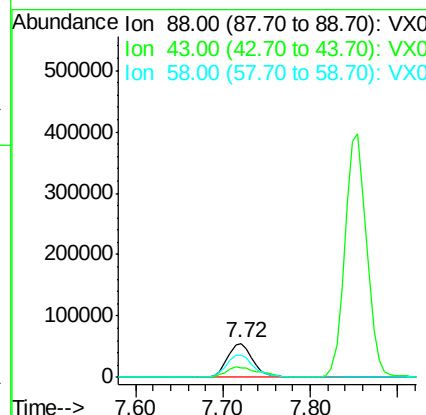
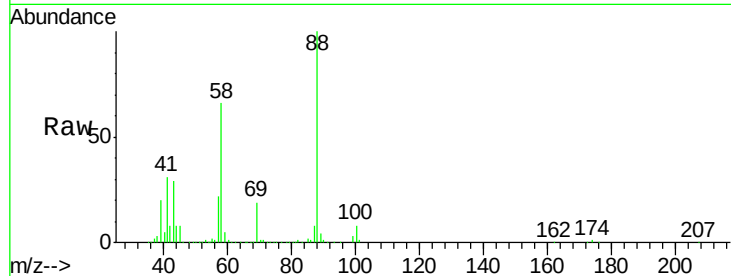
#49
1,4-Dioxane
Concen: 2670.623 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.3	31.0	46.6
58	71.6	59.3	88.9

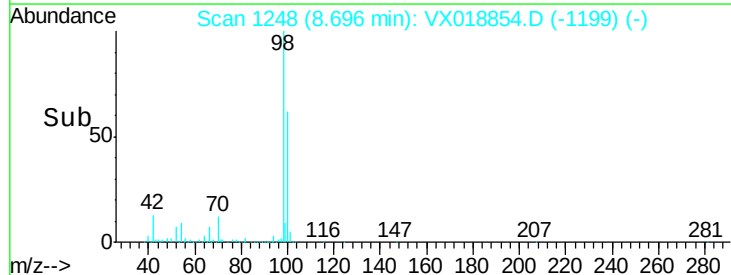
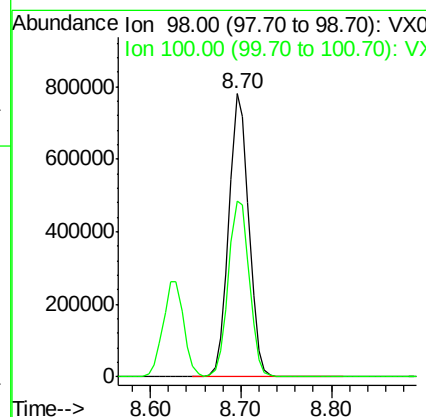
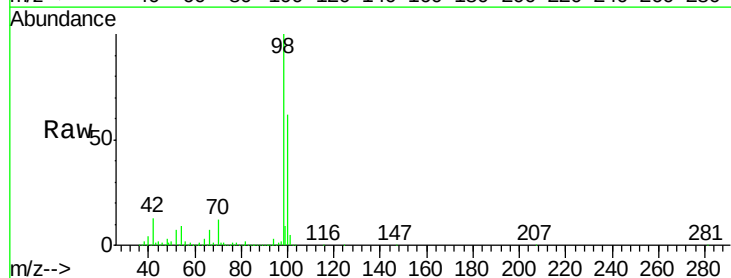
Manual Integrations
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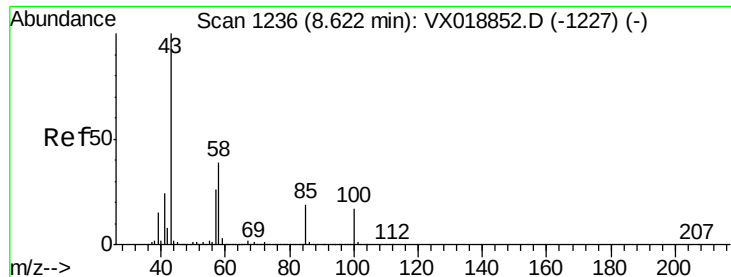
MMDadoda
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#50
Toluene-d8
Concen: 152.720 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 786.879 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2506367

Ion Ratio Lower Upper

43 100

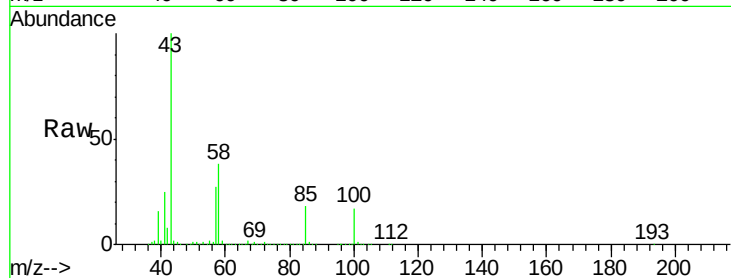
58 38.6 30.9 46.3

Manual Integrations

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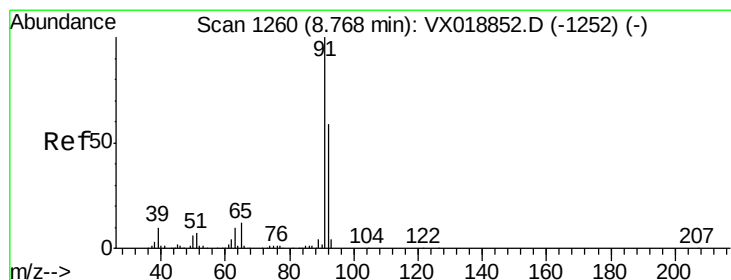
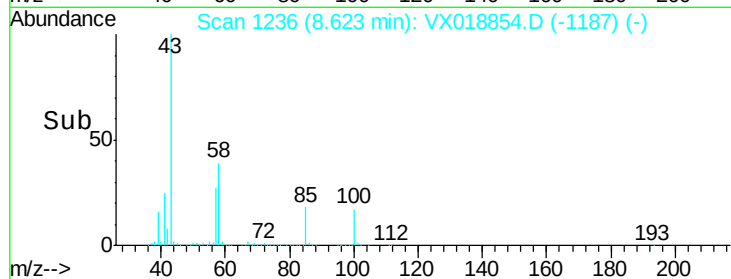
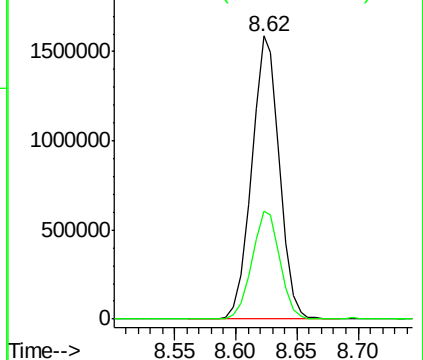
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 153.940 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018854.D

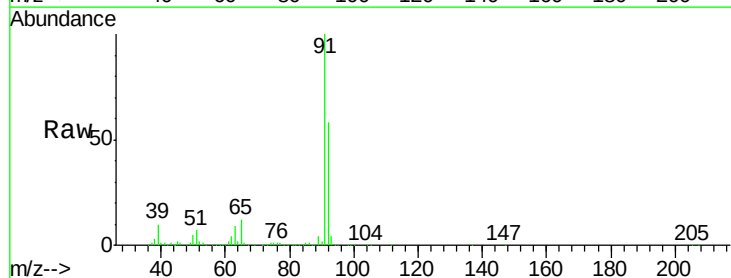
Acq: 09 Oct 2020 13:11

Tgt Ion: 92 Resp: 846372

Ion Ratio Lower Upper

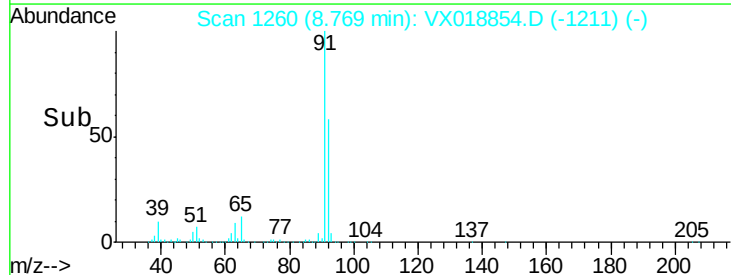
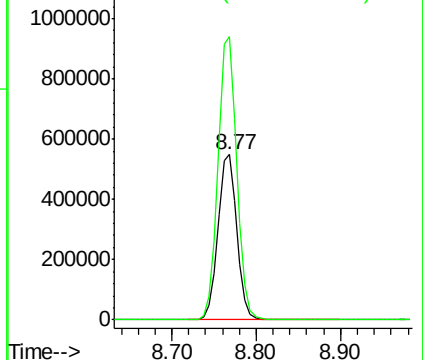
92 100

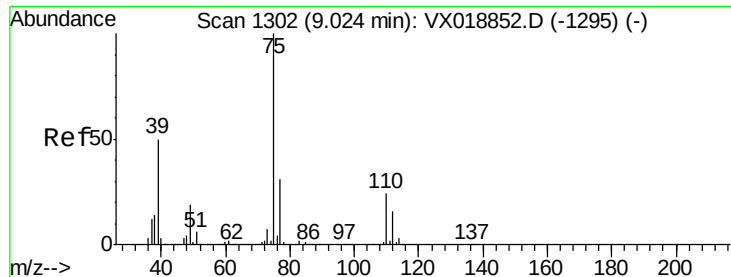
91 171.7 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 163.957 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 619062

Ion Ratio Lower Upper

75 100

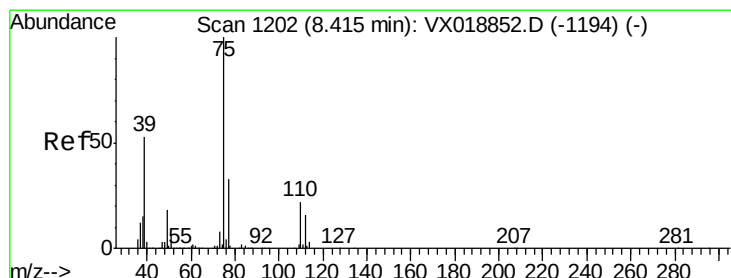
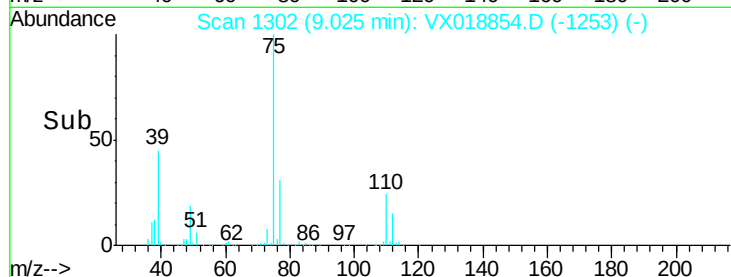
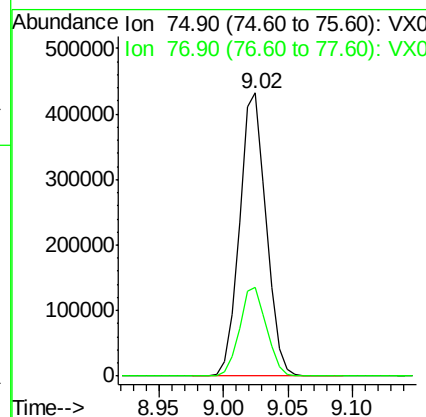
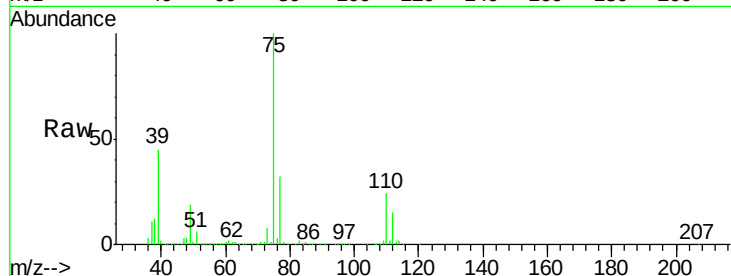
77 31.5 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 159.427 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

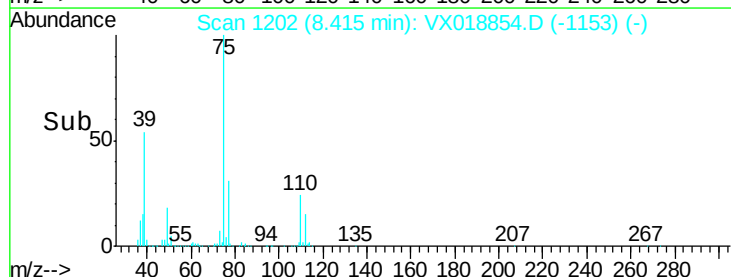
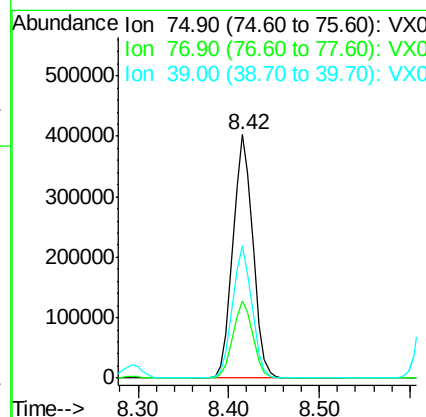
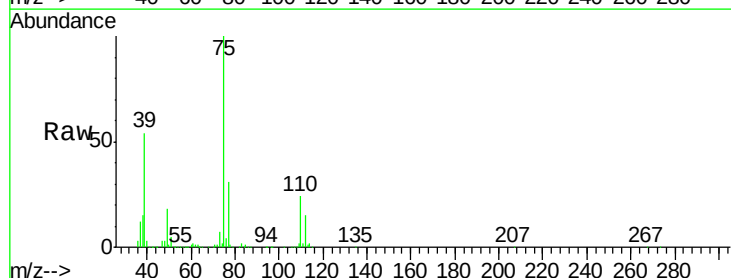
Tgt Ion: 75 Resp: 615337

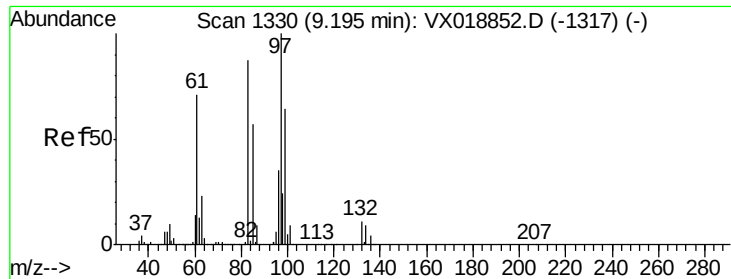
Ion Ratio Lower Upper

75 100

77 31.4 26.6 39.8

39 54.2 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 155.941 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

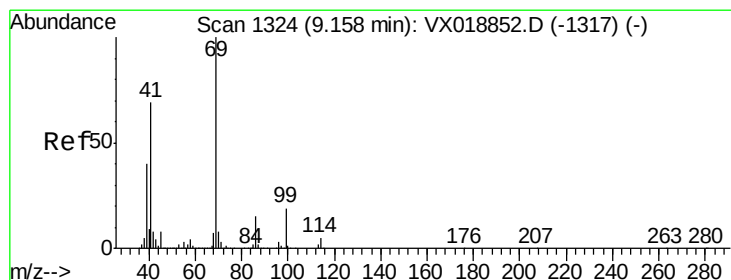
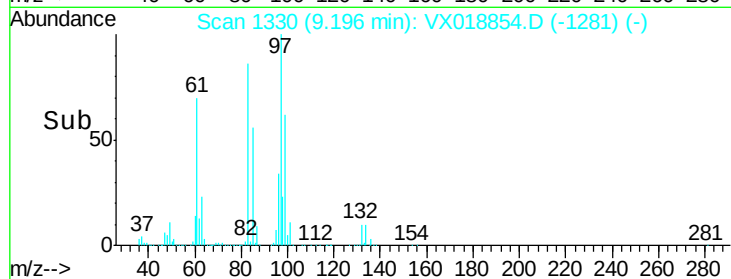
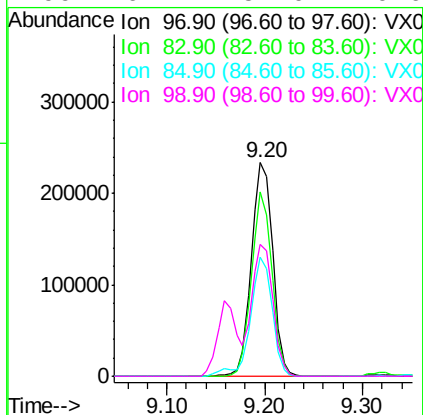
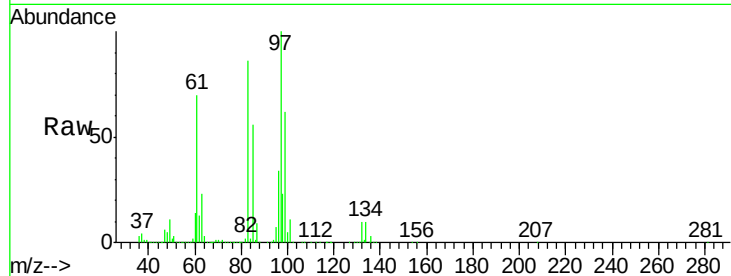
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	355200
Ion Ratio	Lower	Upper	
97	100		
83	86.4	69.3	103.9
85	55.9	45.3	67.9
99	61.7	51.0	76.6

Manual Integrations
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#56

Ethyl methacrylate

Concen: 169.462 ug/l

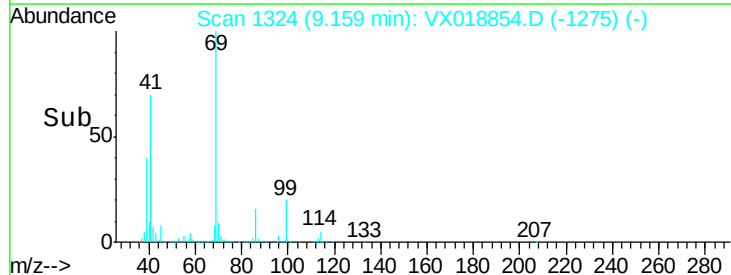
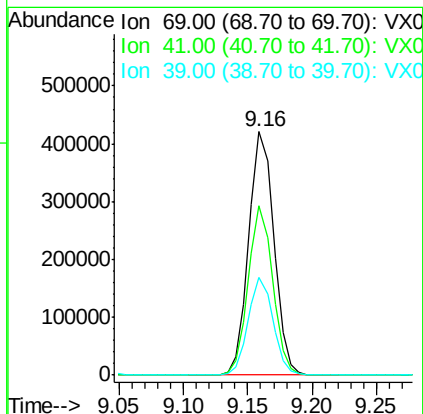
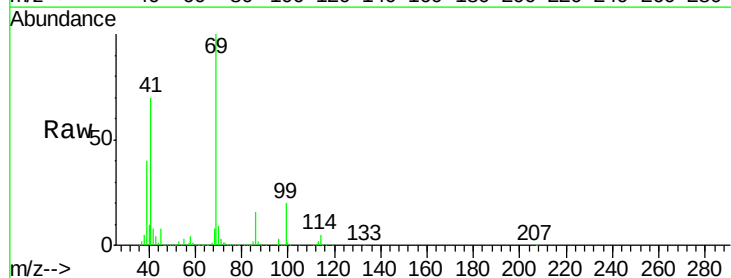
RT: 9.16 min Scan# 1324

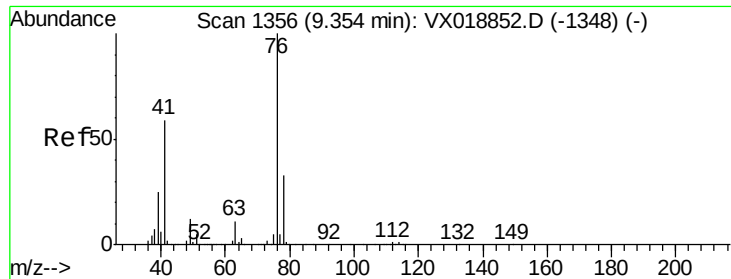
Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Tgt Ion:	69	Resp:	565886
Ion Ratio	Lower	Upper	
69	100		
41	67.6	54.6	81.8
39	39.6	31.5	47.3





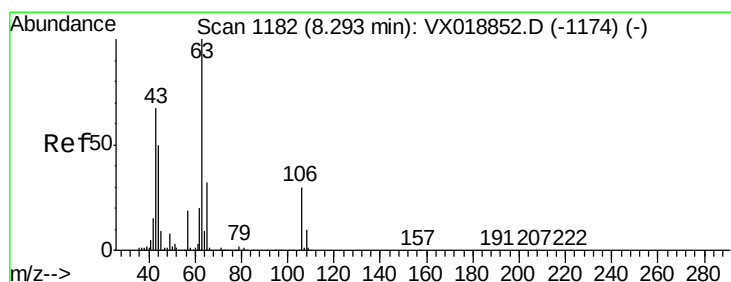
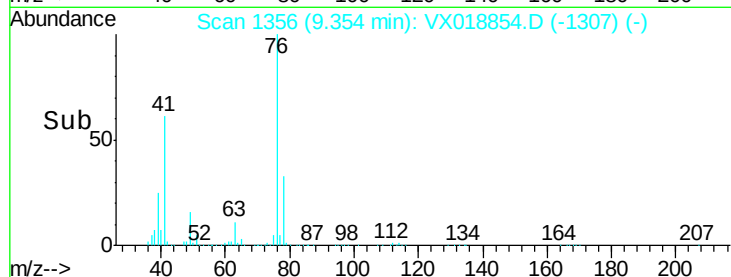
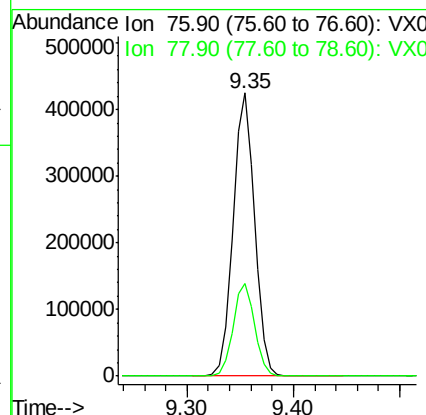
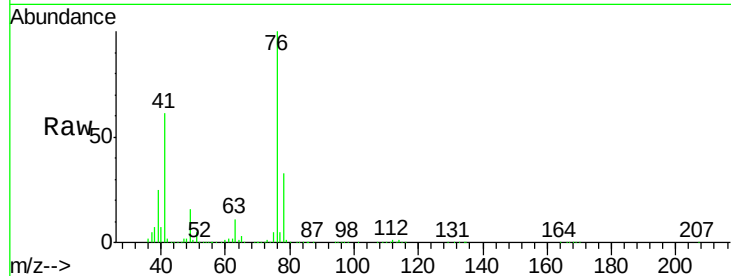
#57
 1,3-Dichloropropane
 Concen: 156.707 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.2

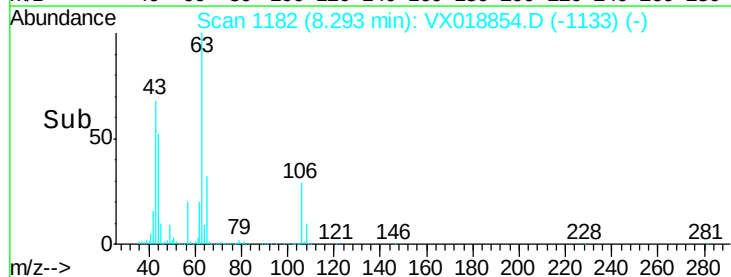
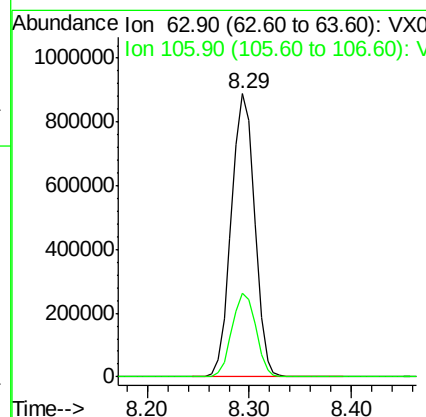
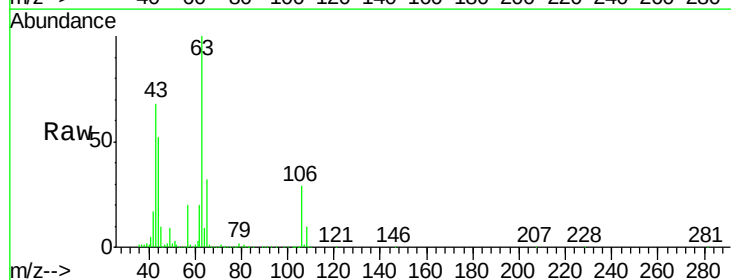
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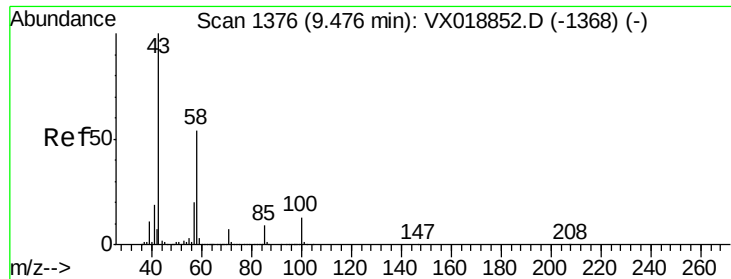
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#58
 2-Chloroethyl Vinyl ether
 Concen: 789.085 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	24.2	36.4





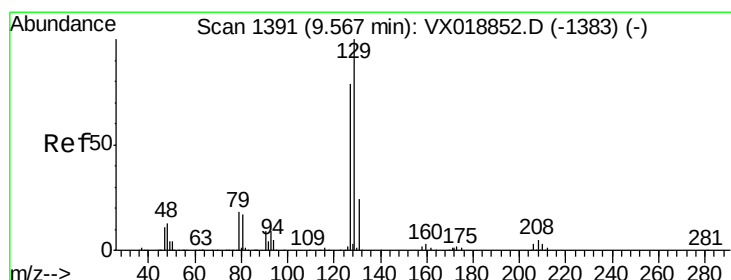
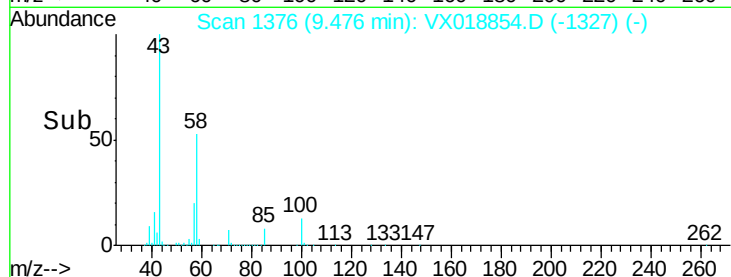
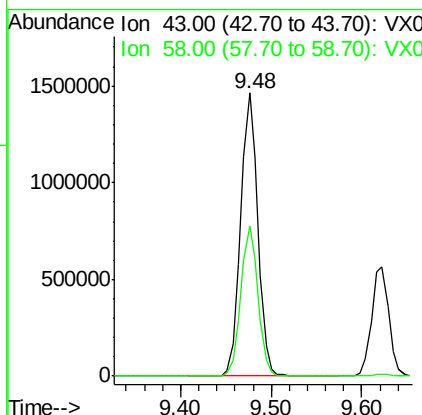
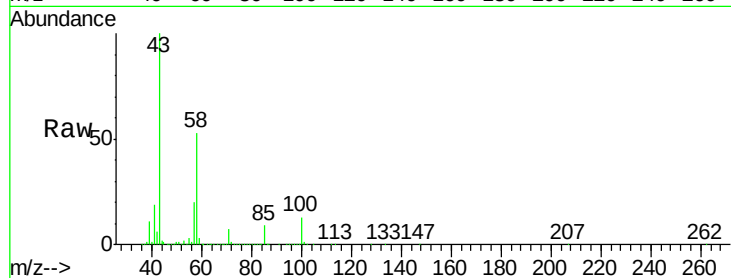
#59
2-Hexanone
Concen: 791.592 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1917461
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1

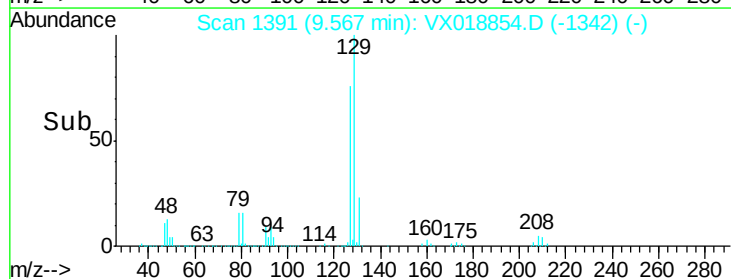
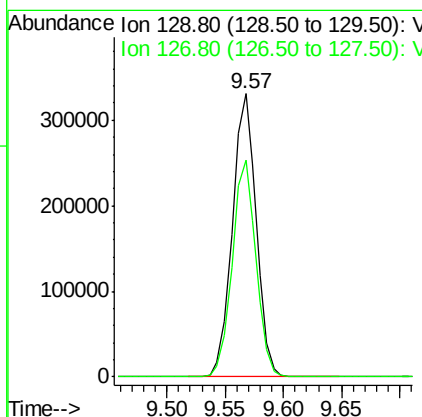
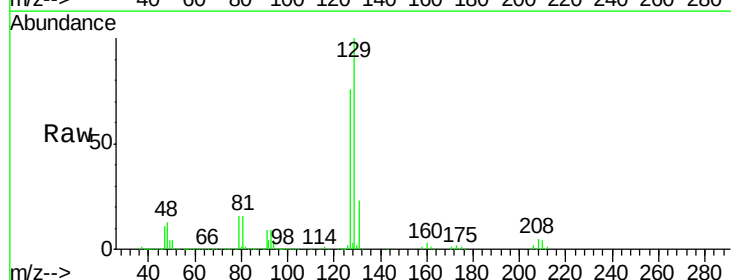
Manual Integrations
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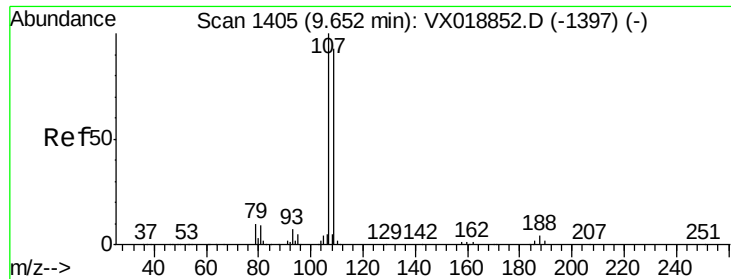
MMDadoda
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#60
Dibromochloromethane
Concen: 172.101 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 129 Resp: 471330
Ion Ratio Lower Upper
129 100
127 76.1 39.5 118.5





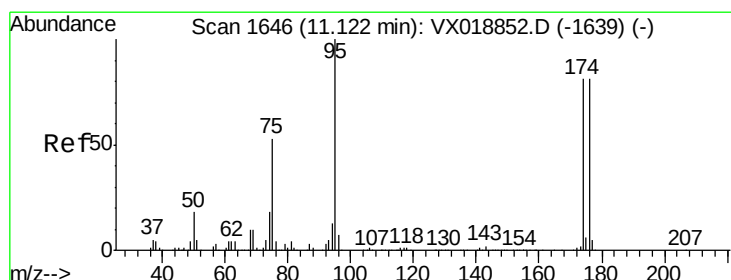
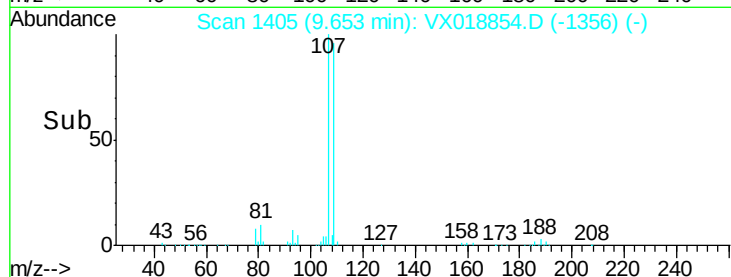
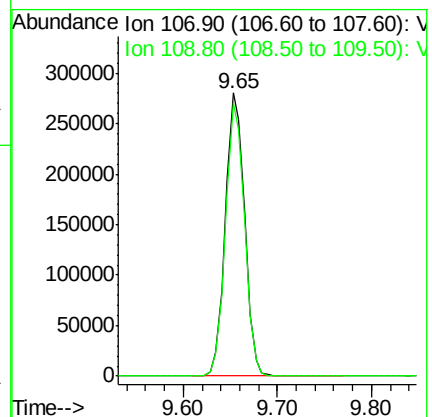
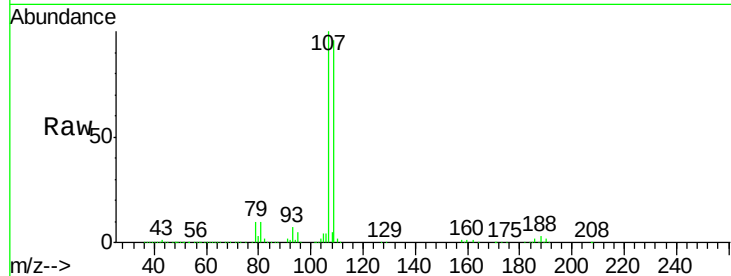
#61
1,2-Dibromoethane
Concen: 163.308 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.2	112.8

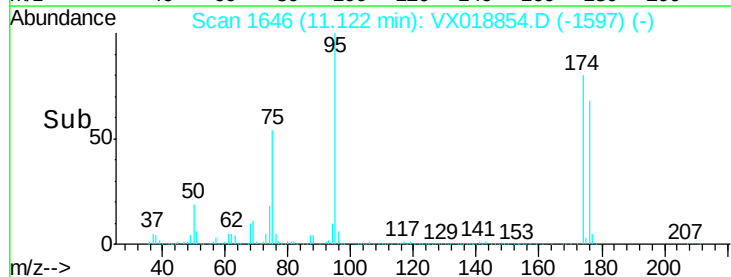
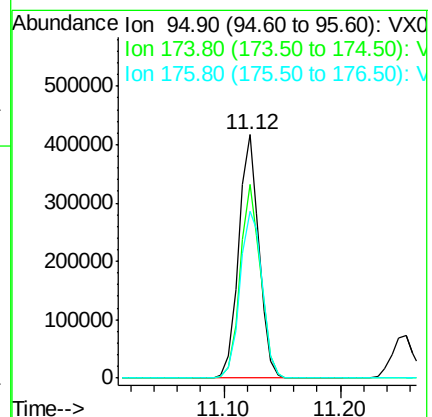
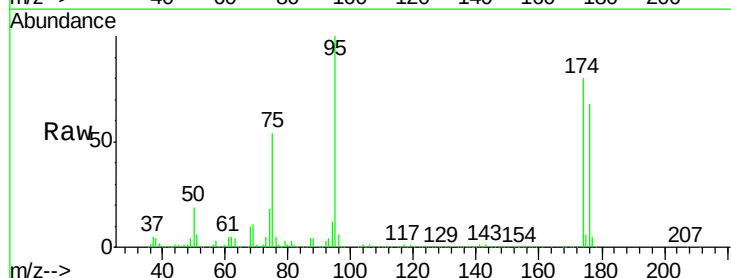
Manual Integrations
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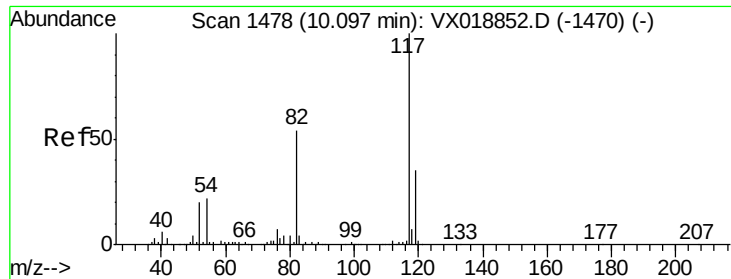
MMDadoda
10/12/2020 2:23:27 PM



#62
4-Bromofluorobenzene
Concen: 160.741 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	160.0
176	75.1	0.0	161.2





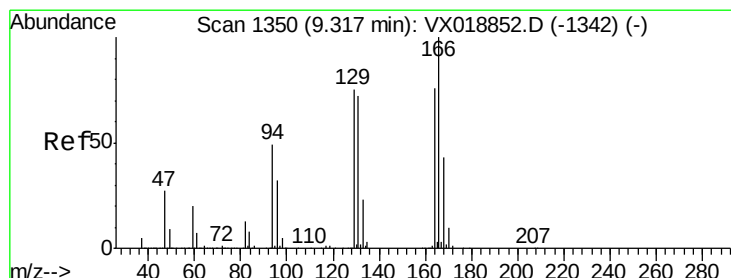
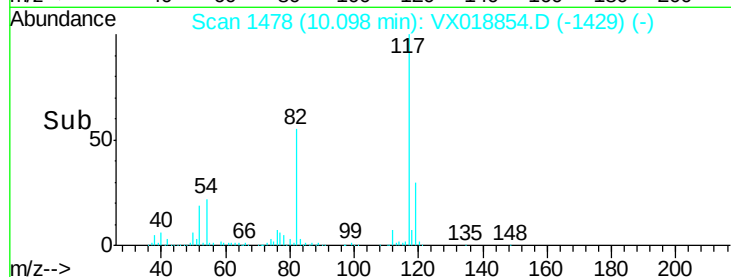
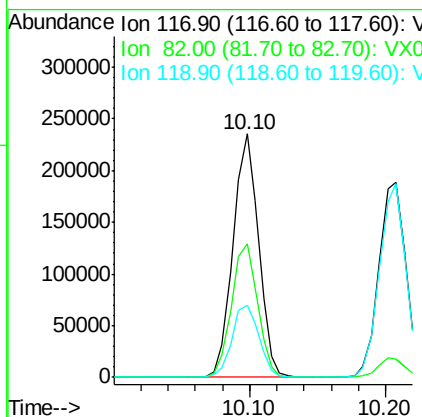
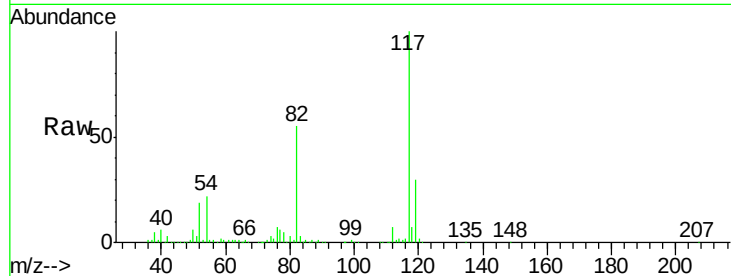
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	308311		
82	54.8	43.4	65.2	
119	29.7	28.3	42.5	

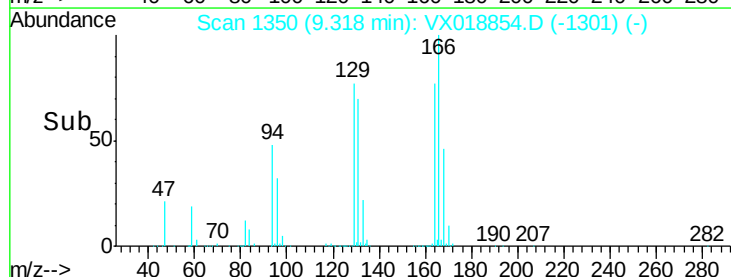
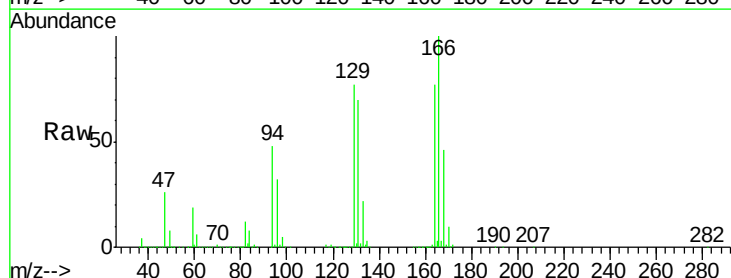
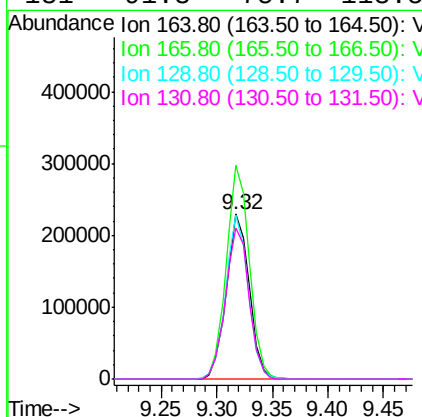
Manual Integrations
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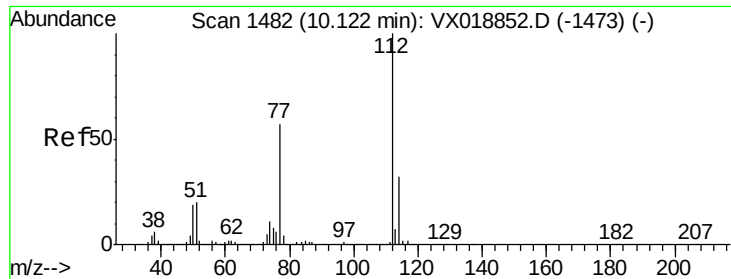
MMDadoda
10/12/2020 2:23:27 PM



#64
Tetrachloroethene
Concen: 135.015 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	326434		
166	129.6	105.4	158.0	
129	99.2	79.0	118.6	
131	91.3	75.7	113.5	





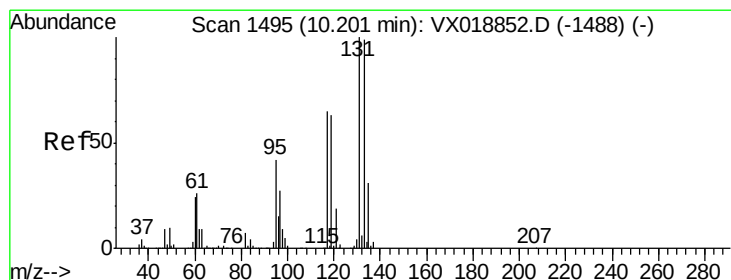
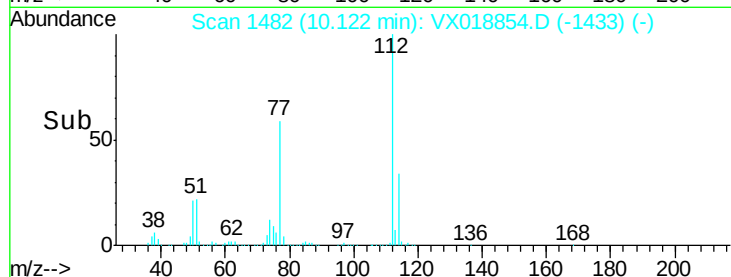
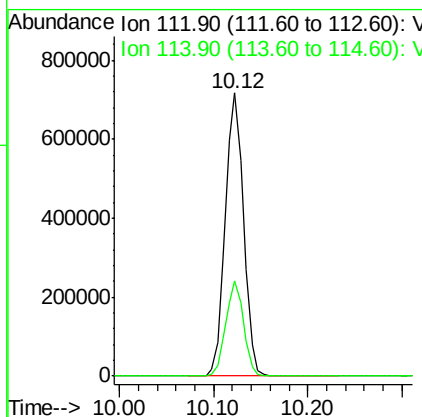
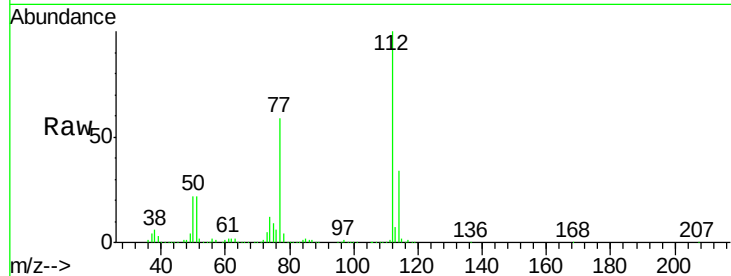
#65
Chlorobenzene
Concen: 151.291 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
112	100	966173		
114	33.8	25.7	38.5	

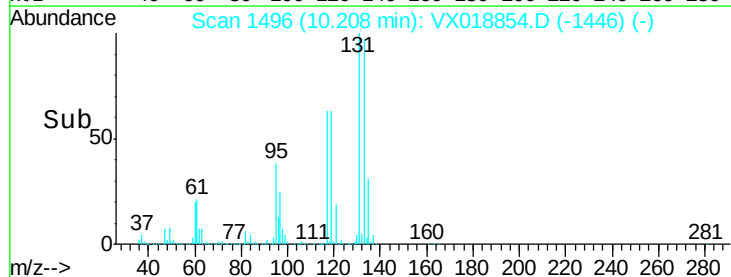
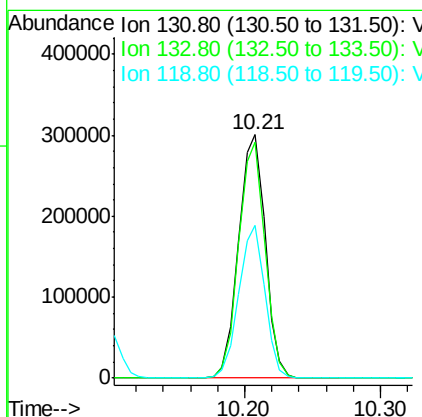
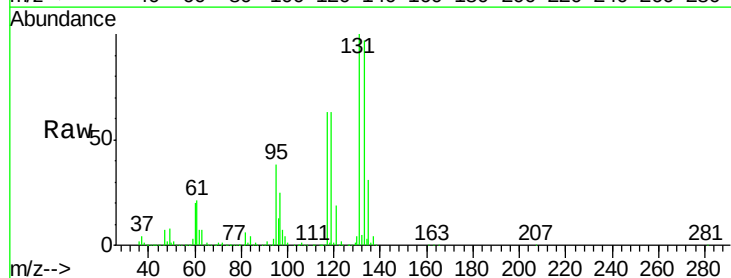
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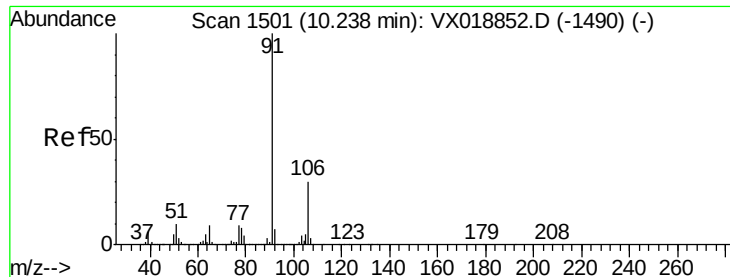
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 160.663 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	411996		
133	95.5	48.6	145.8	
119	61.0	31.1	93.3	





#67

Ethyl Benzene

Concen: 157.979 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1748716

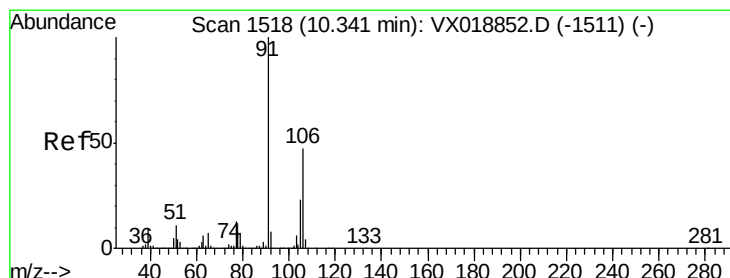
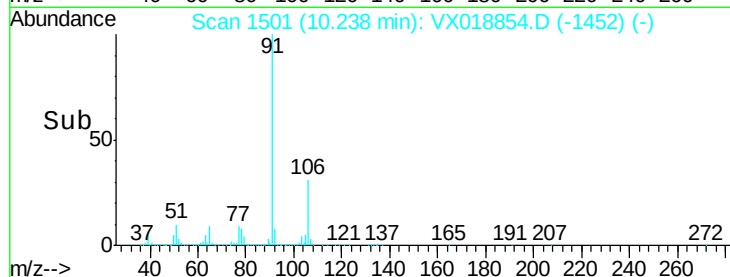
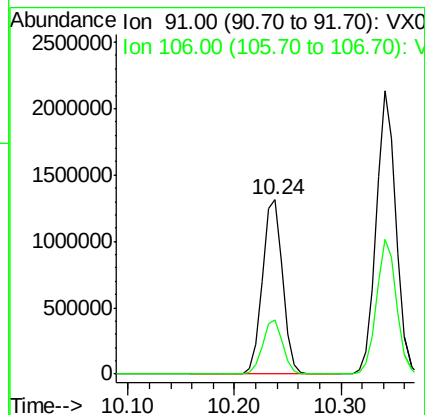
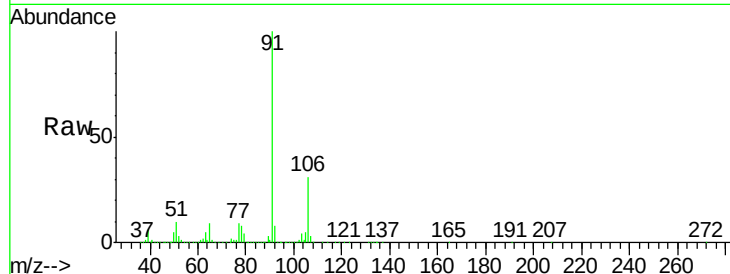
Ion Ratio Lower Upper

91 100

106 31.0 24.0 36.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 316.098 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018854.D

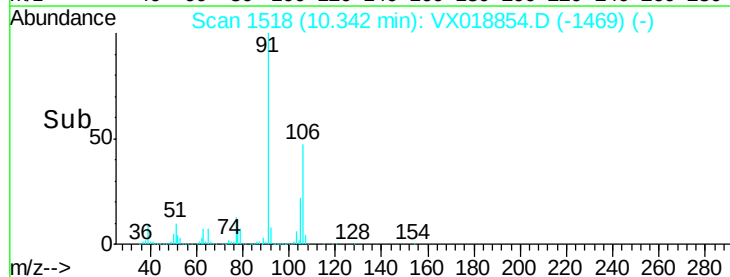
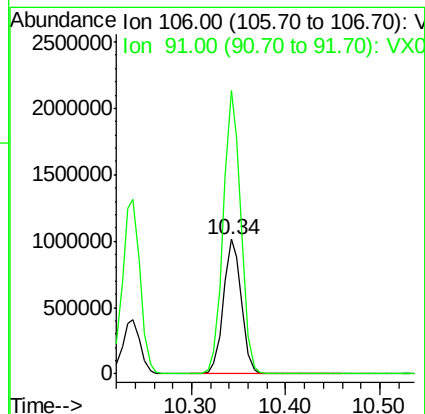
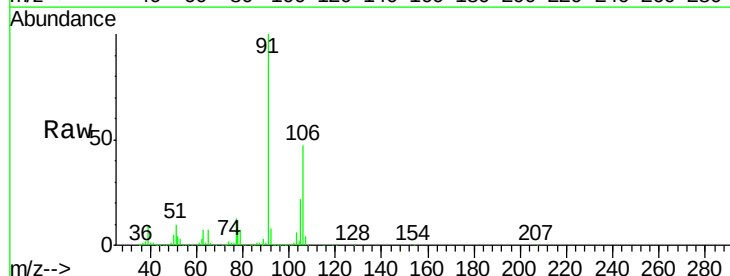
Acq: 09 Oct 2020 13:11

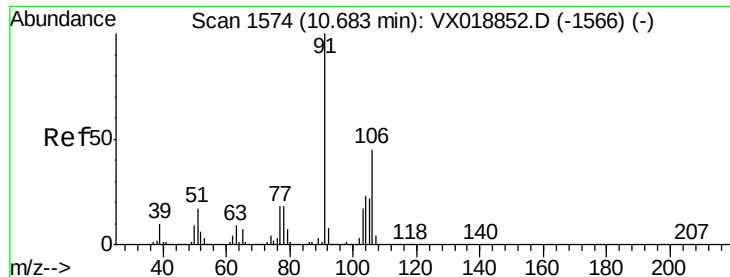
Tgt Ion: 106 Resp: 1326870

Ion Ratio Lower Upper

106 100

91 207.3 165.6 248.4





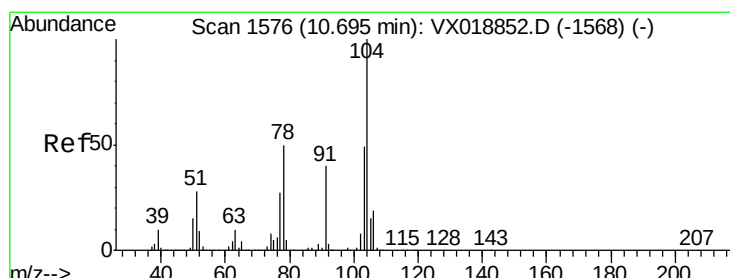
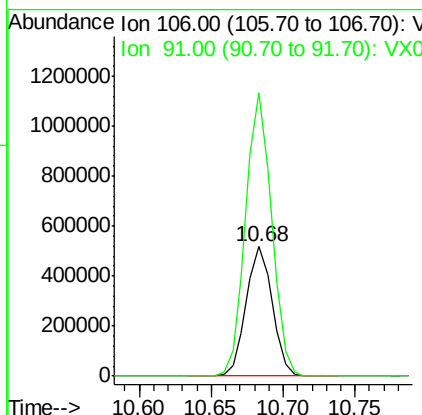
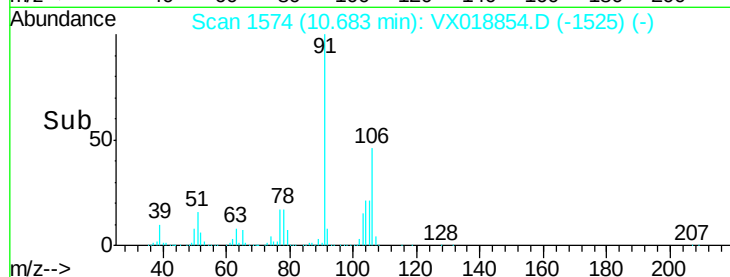
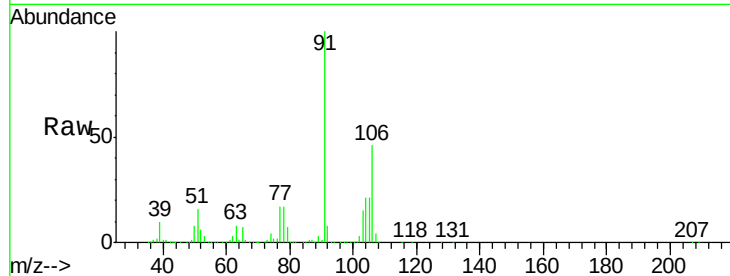
#69
o-Xylene
Concen: 164.136 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.8	109.9	329.6

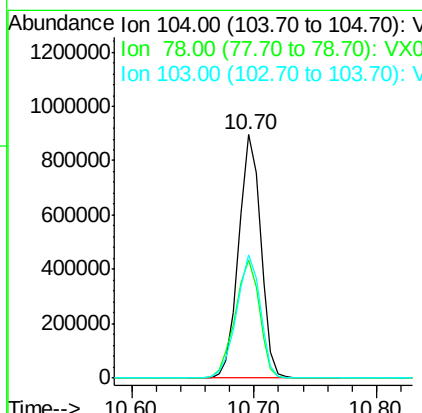
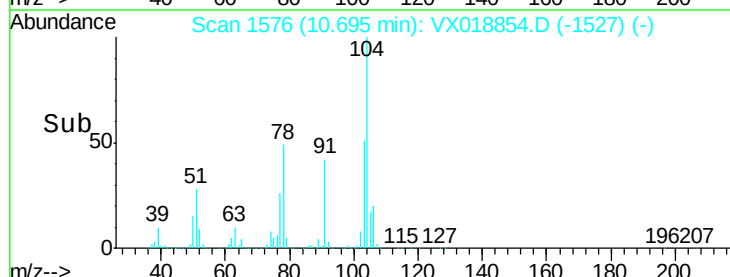
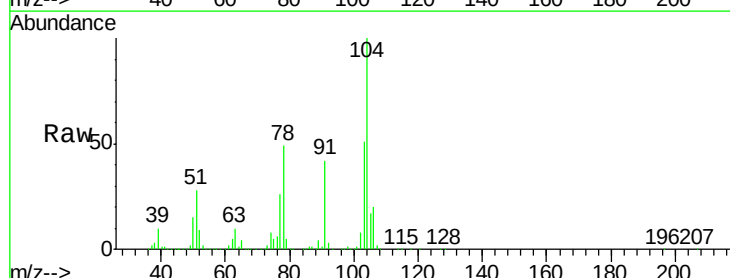
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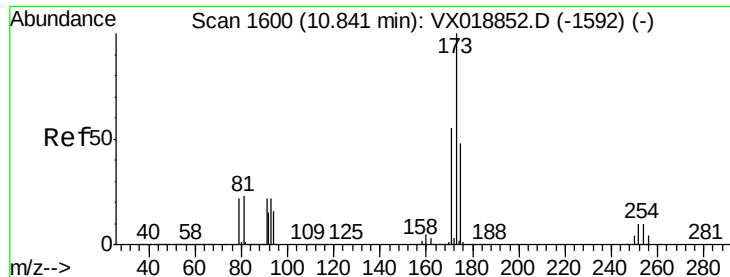
MMDadoda
10/12/2020 2:23:27 PM



#70
Styrene
Concen: 163.424 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.0	43.5	65.3
103	54.8	43.3	64.9





#71

Bromoform

Concen: 170.481 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 369225

Ion Ratio Lower Upper

173 100

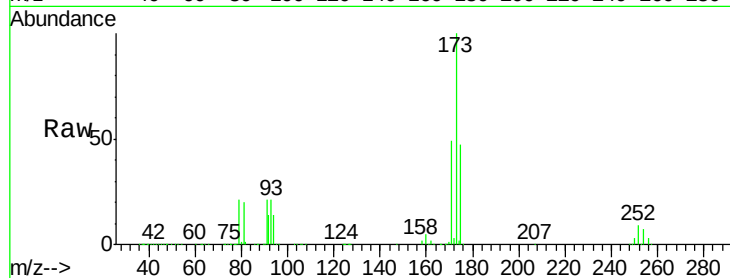
175 46.8 23.4 70.0

254 0.1 0.0 0.0#

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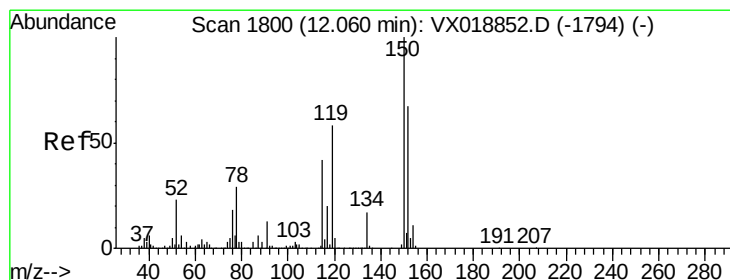
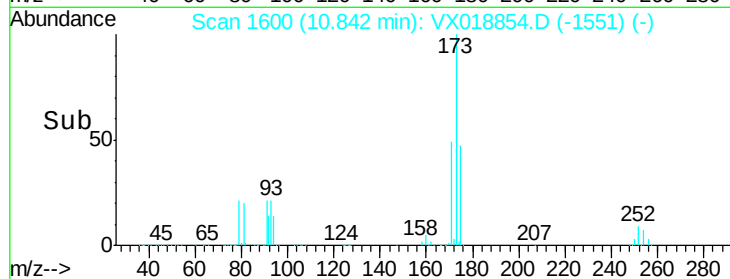
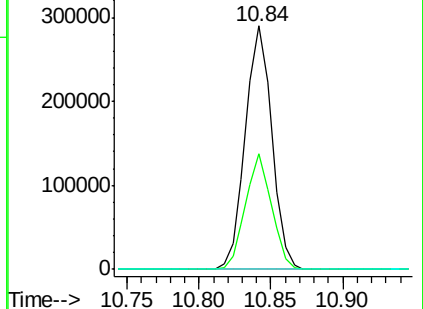
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

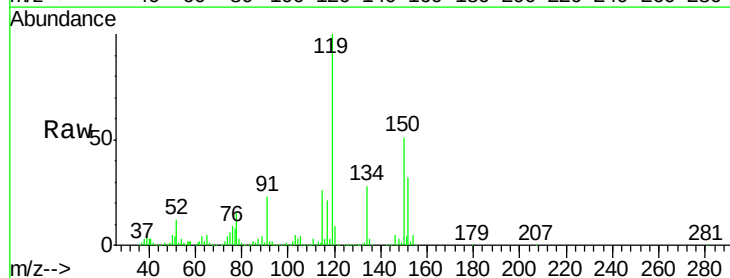
Tgt Ion:152 Resp: 169998

Ion Ratio Lower Upper

152 100

115 135.9 41.8 125.4#

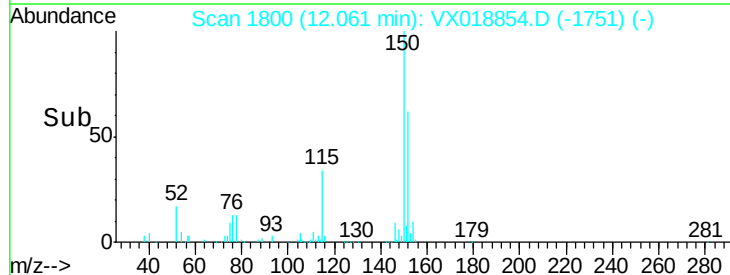
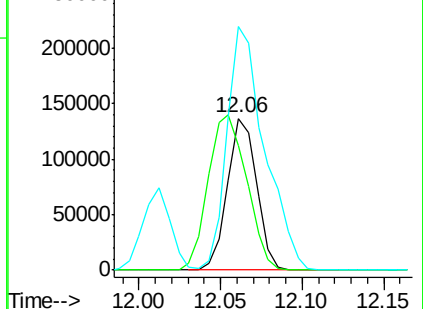
150 207.7 0.0 347.6

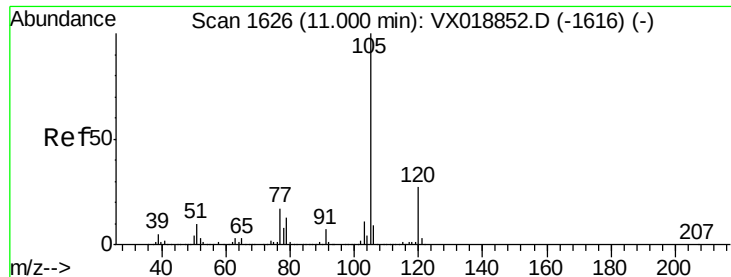


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 159.308 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1813772

Ion Ratio Lower Upper

105 100

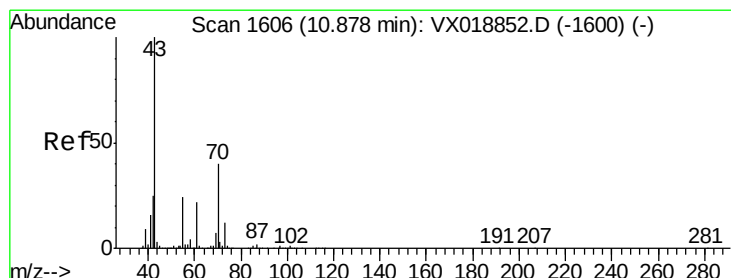
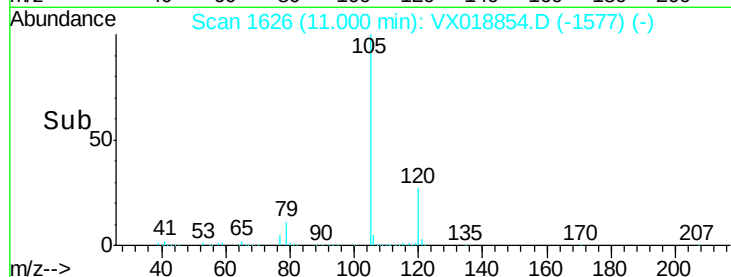
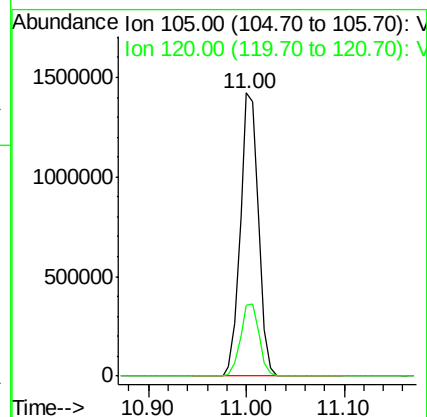
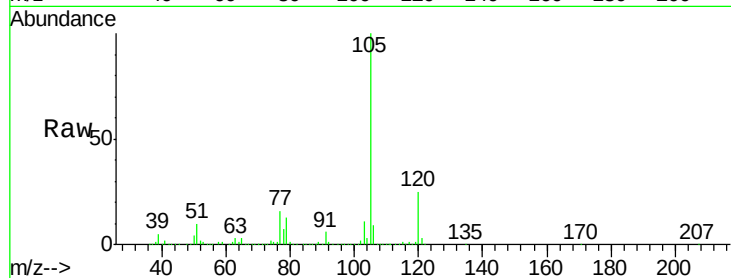
120 26.1 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 150.380 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Tgt Ion: 43 Resp: 756829

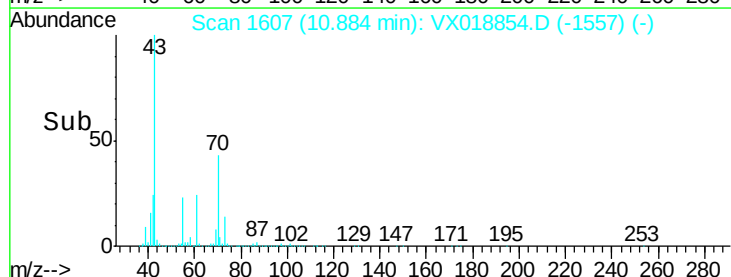
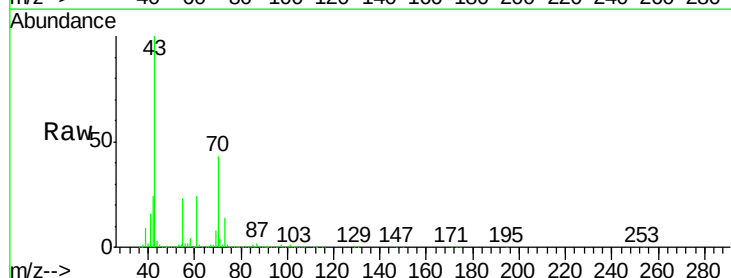
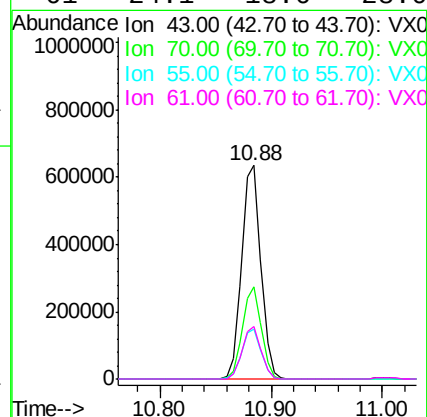
Ion Ratio Lower Upper

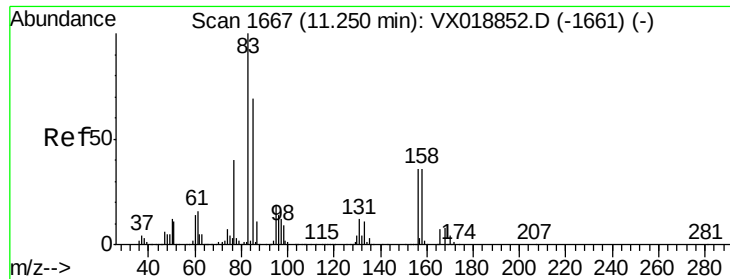
43 100

70 42.4 33.7 50.5

55 23.5 19.8 29.8

61 24.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 142.230 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 530968
Ion Ratio Lower Upper

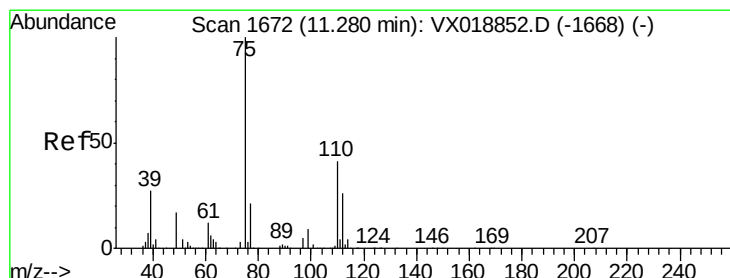
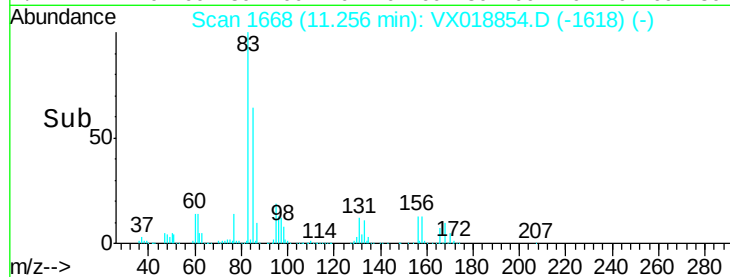
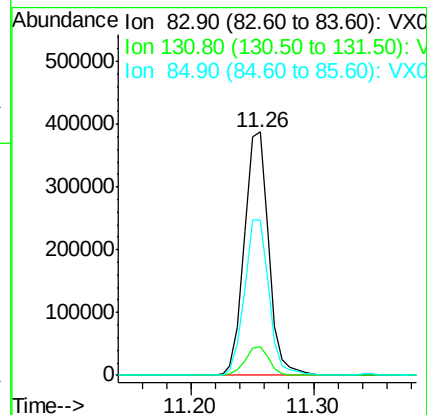
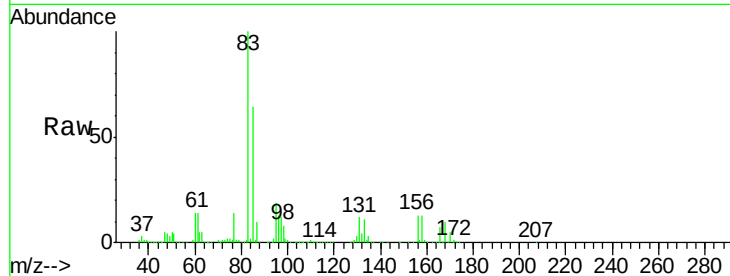
83 100

131 11.6 5.9 17.8

85 64.2 33.0 98.9

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#76

1,2,3-Trichloropropane

Concen: 140.388 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

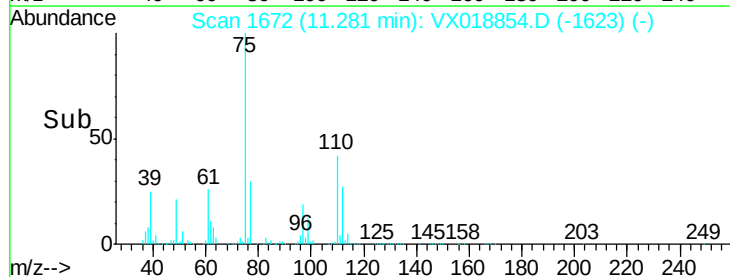
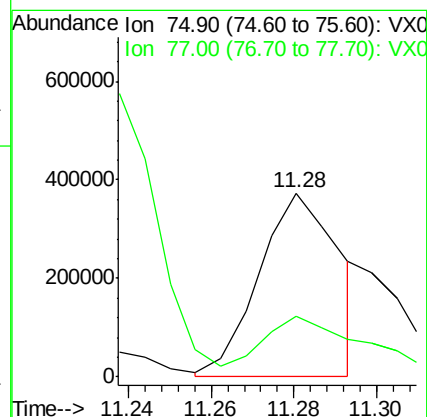
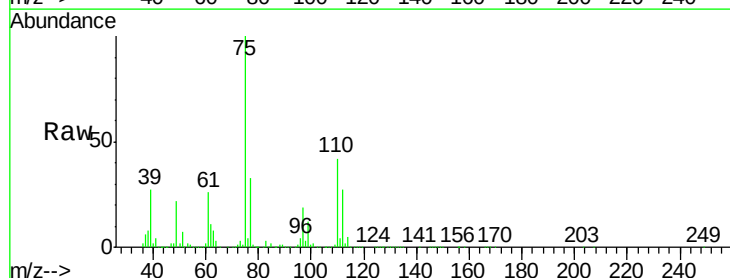
Lab File: VX018854.D

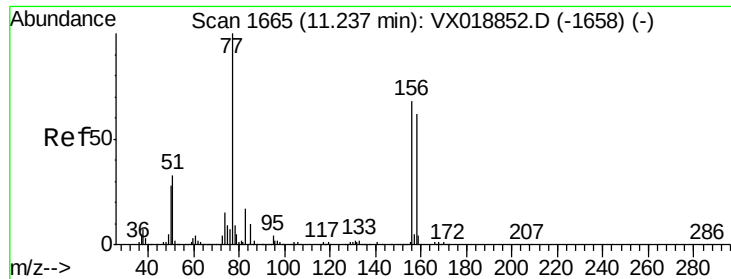
Acq: 09 Oct 2020 13:11

Tgt Ion: 75 Resp: 500396
Ion Ratio Lower Upper

75 100

77 42.7 20.2 60.6





#77

Bromobenzene

Concen: 148.593 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

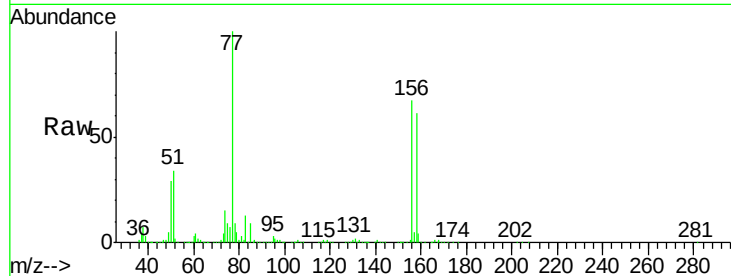
ClientSampleId :

VSTDICC150

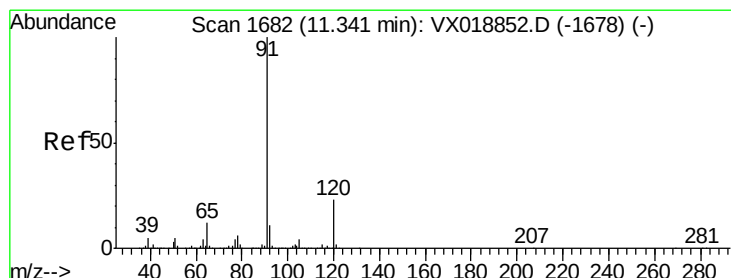
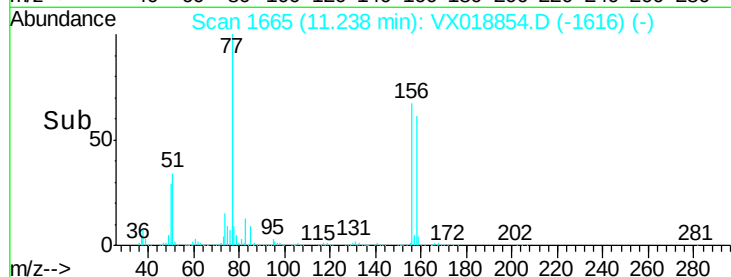
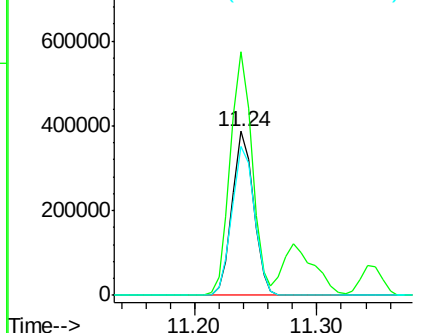
Tot Ion:	156	Resp:	466407
Ion Ratio	Lower	Upper	
156	100		
77	152.3	76.0	228.1
158	95.7	47.2	141.6

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 153.901 ug/l

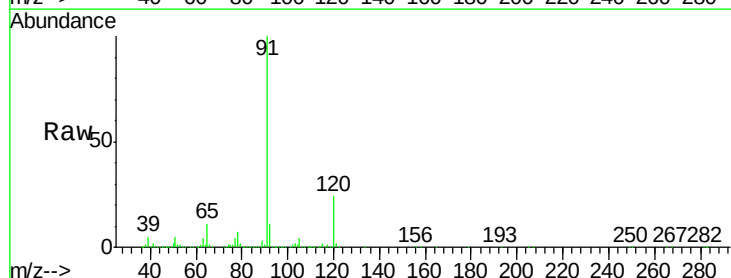
RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

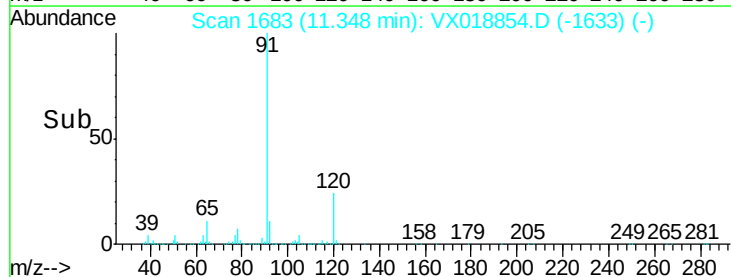
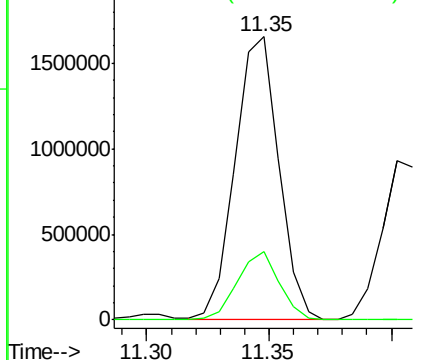
Lab File: VX018854.D

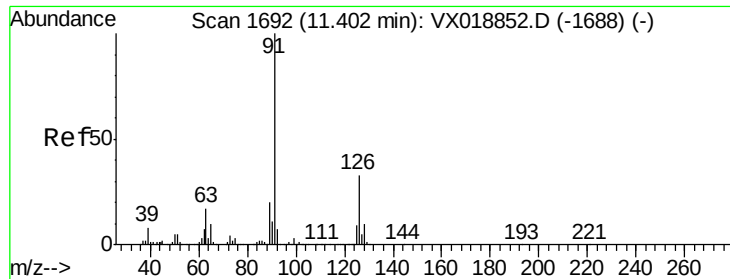
Acq: 09 Oct 2020 13:11

Tgt Ion:	91	Resp:	2038404
Ion Ratio	Lower	Upper	
91	100		
120	23.3	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 149.955 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1205794

Ion Ratio Lower Upper

91 100

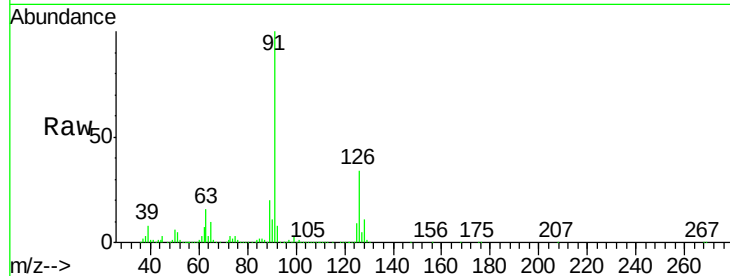
126 35.3 17.1 51.3

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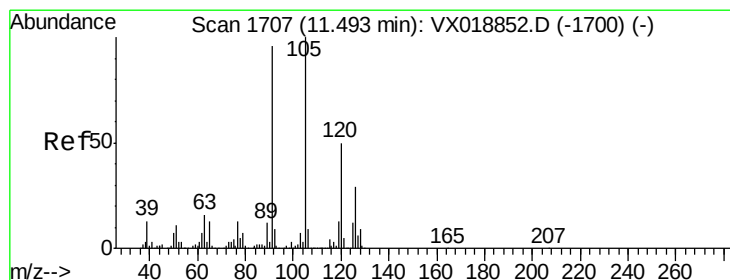
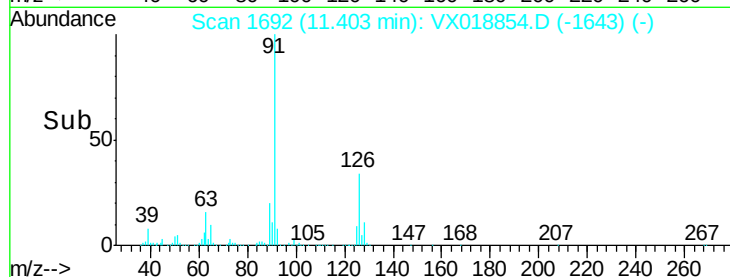
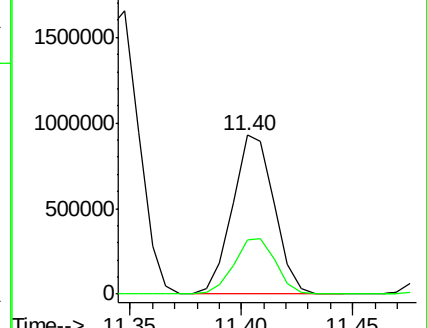
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Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018852.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 158.497 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018854.D

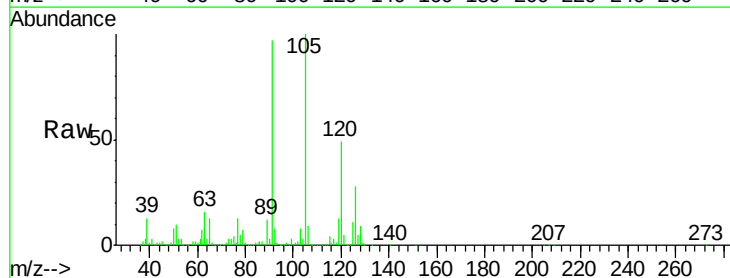
Acq: 09 Oct 2020 13:11

Tgt Ion: 105 Resp: 1545414

Ion Ratio Lower Upper

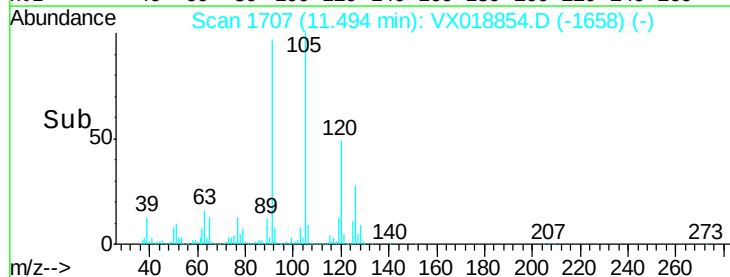
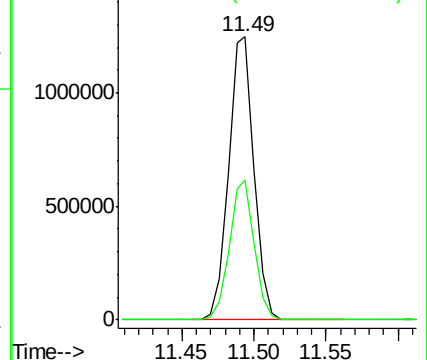
105 100

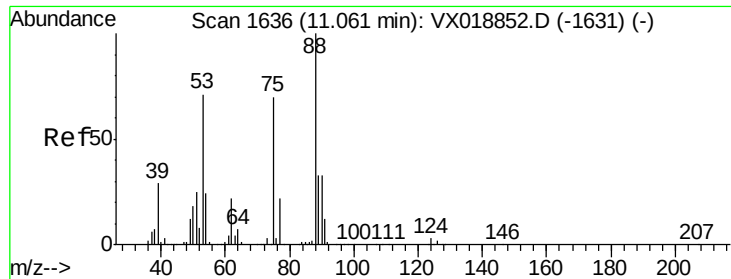
120 48.2 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018852.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX018852.D (-1700) (-)





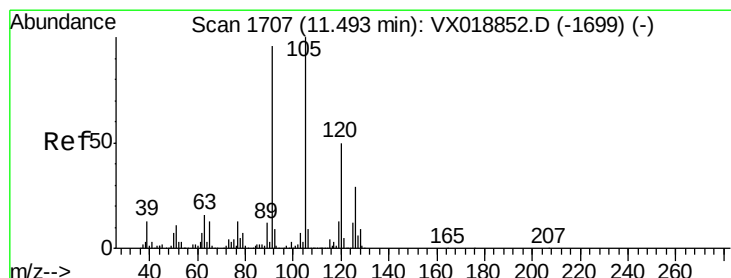
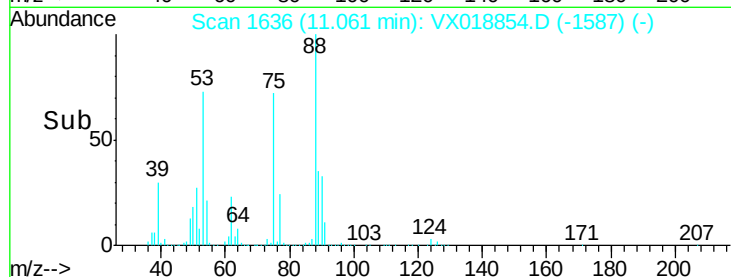
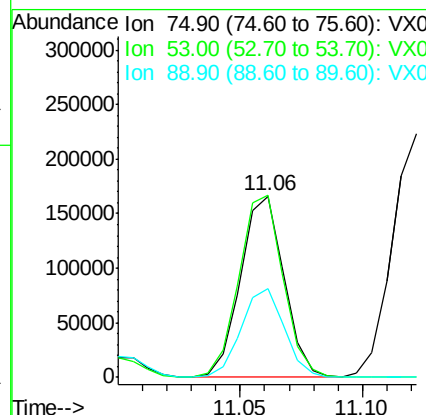
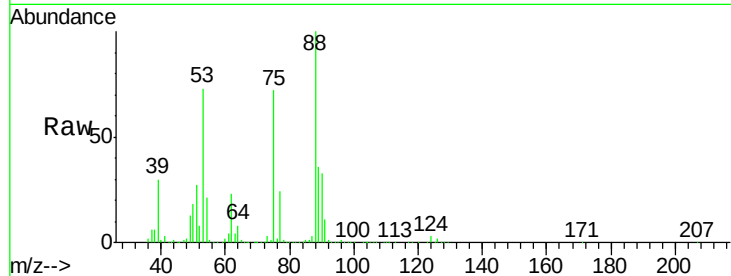
#81
trans-1,4-Dichloro-2-butene
Concen: 148.496 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.8	85.0	127.4
89	49.4	39.0	58.4

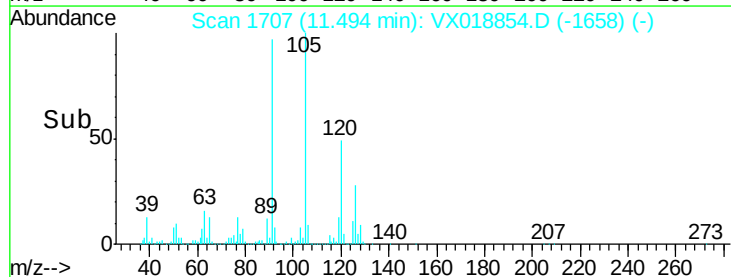
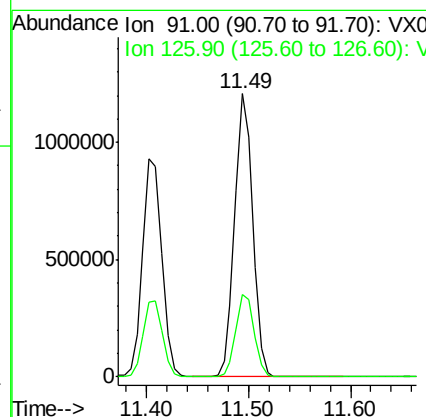
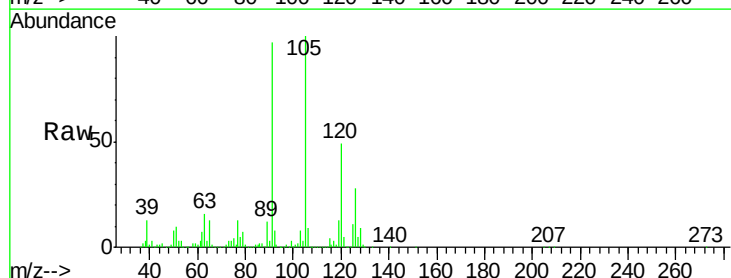
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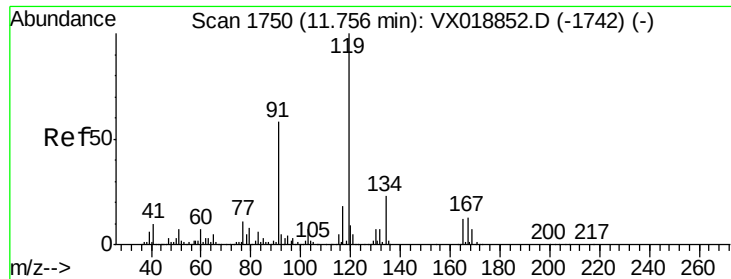
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#82
4-Chlorotoluene
Concen: 153.503 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.7





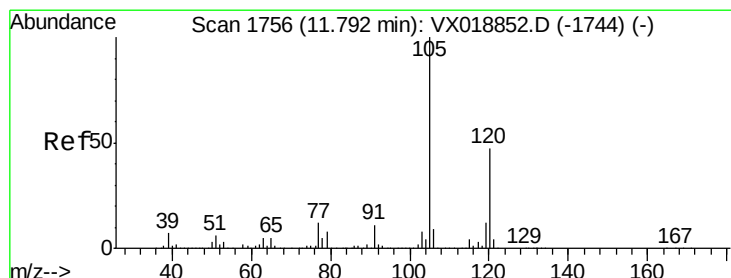
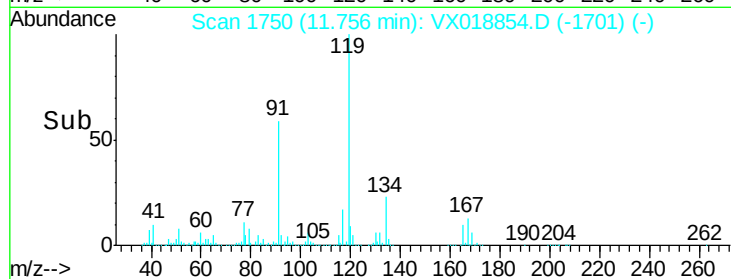
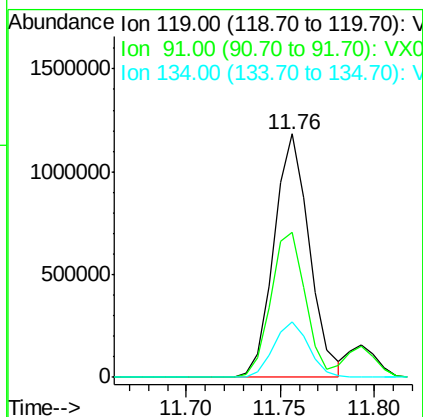
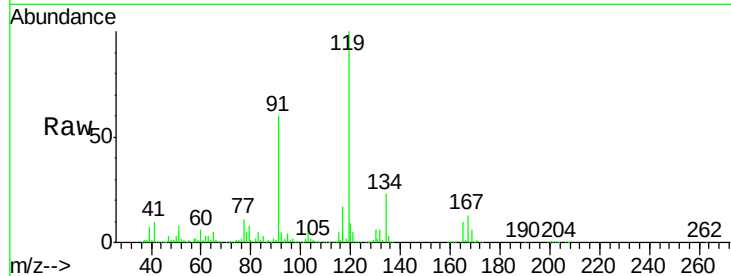
#83
 tert-Butylbenzene
 Concen: 162.397 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 1538888
 Ion Ratio Lower Upper
 119 100
 91 58.2 28.6 85.9
 134 22.5 11.7 35.0

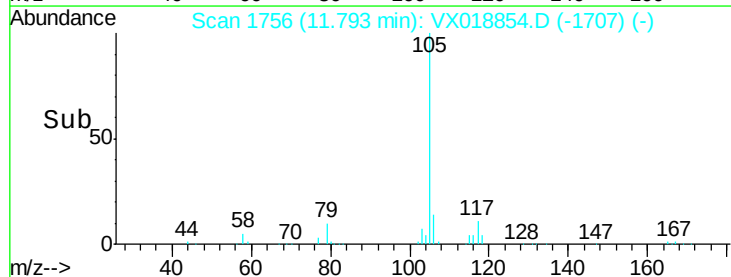
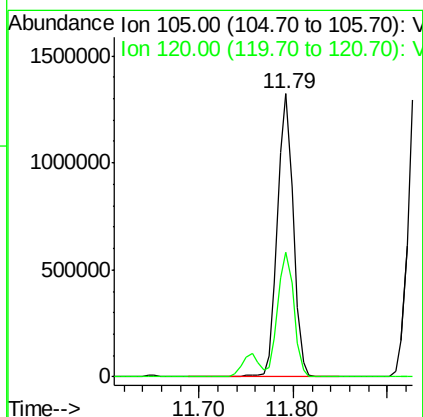
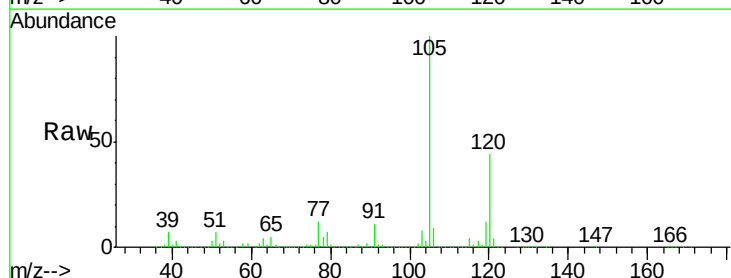
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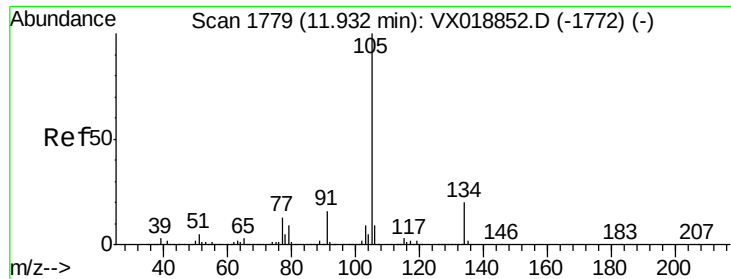
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#84
 1,2,4-Trimethylbenzene
 Concen: 158.600 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion:105 Resp: 1552876
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 157.073 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1747321

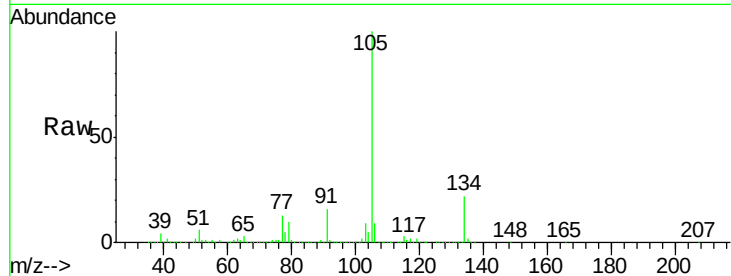
Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4

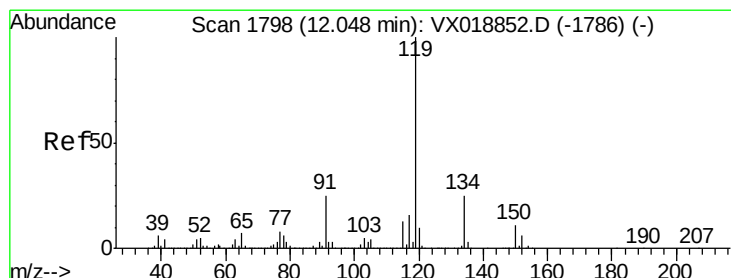
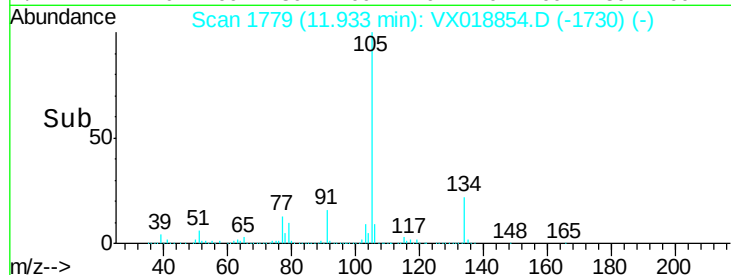
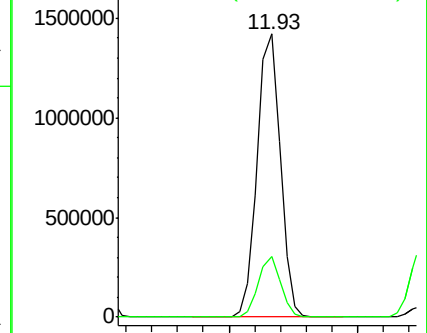
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 162.015 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018854.D

Acq: 09 Oct 2020 13:11

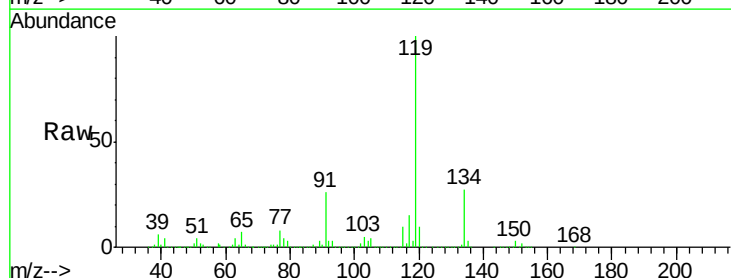
Tgt Ion:119 Resp: 1665223

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

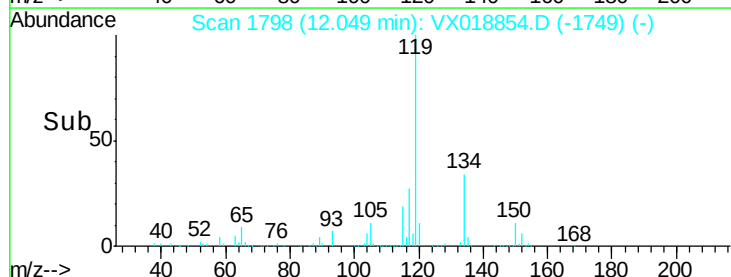
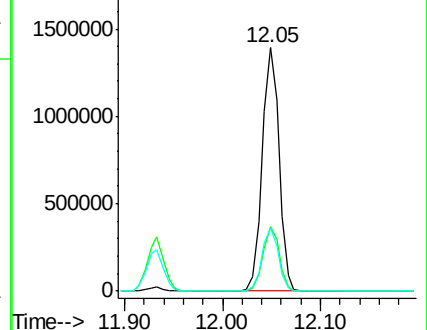
91 25.1 12.3 36.9

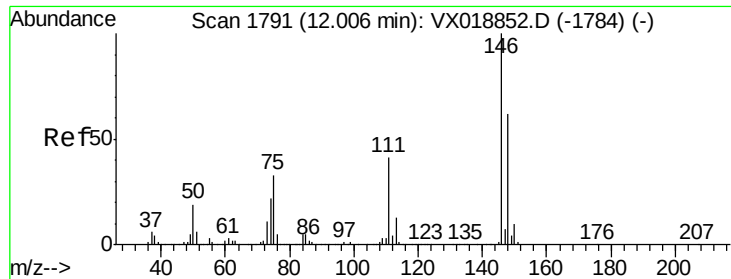


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





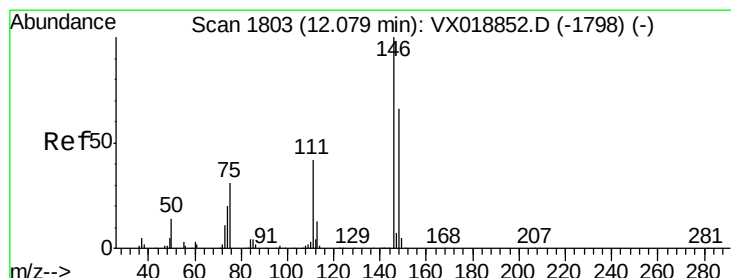
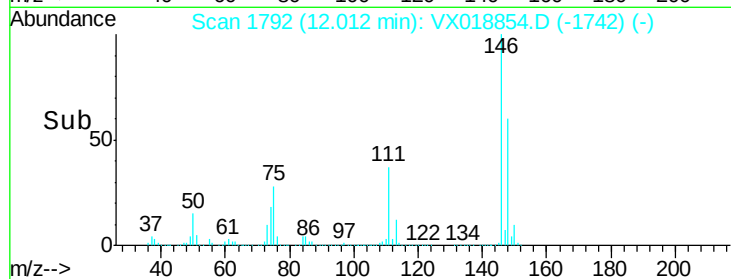
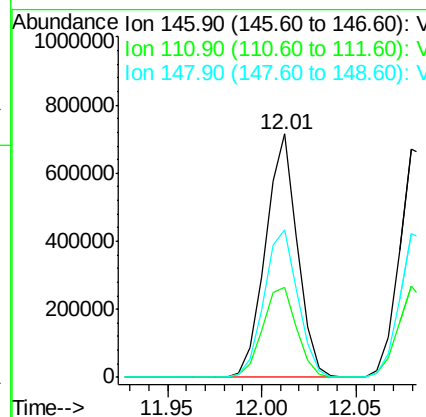
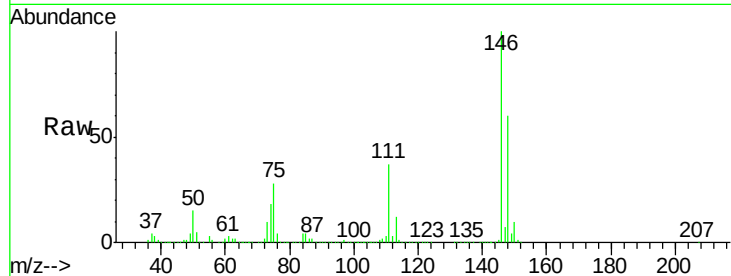
#87
 1,3-Dichlorobenzene
 Concen: 148.252 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	836557		
111	39.6	20.0	59.9	
148	63.9	31.4	94.3	

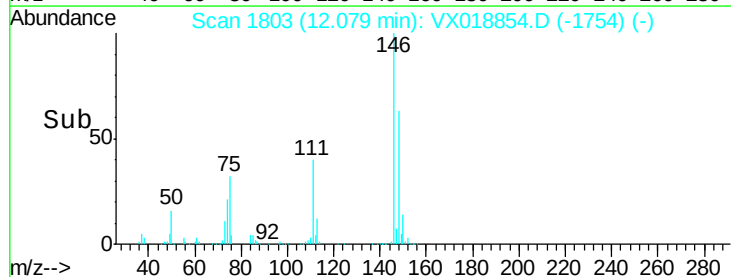
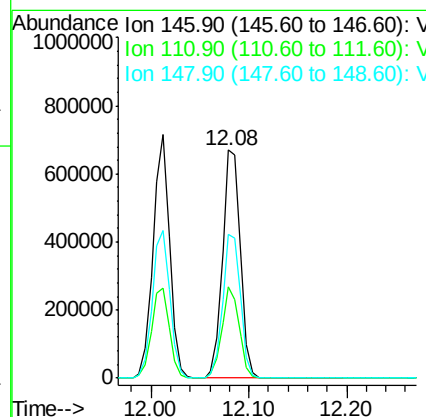
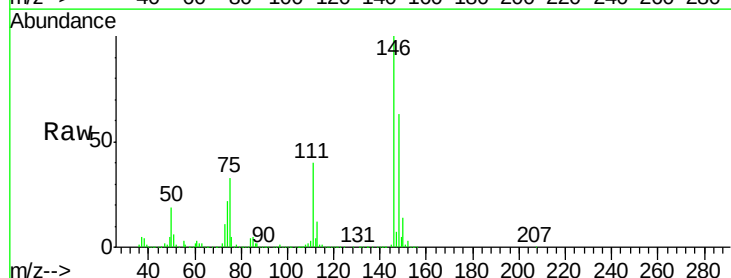
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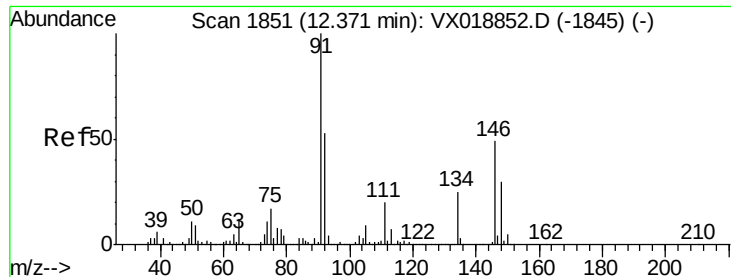
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#88
 1,4-Dichlorobenzene
 Concen: 148.518 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	846175		
111	38.4	20.5	61.5	
148	62.7	32.2	96.6	





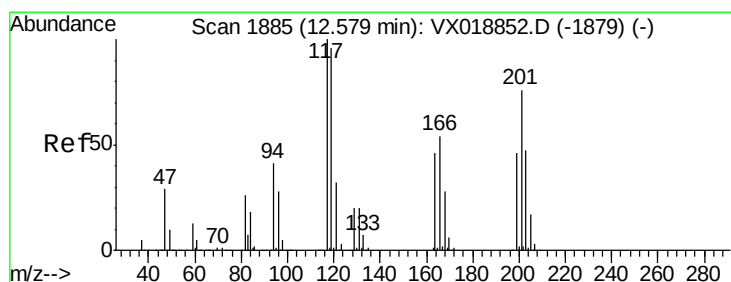
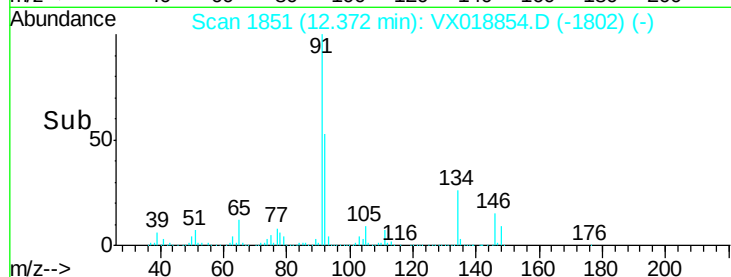
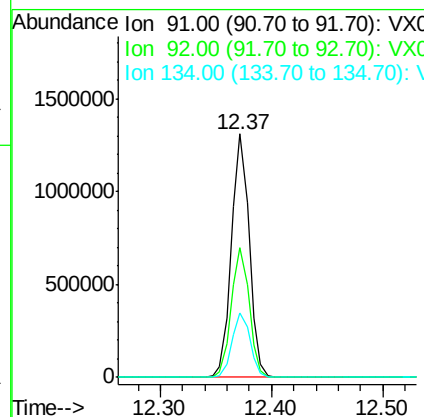
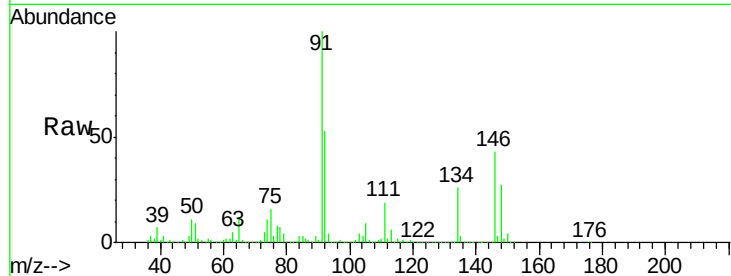
#89
n-Butylbenzene
Concen: 154.160 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1450582
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.0
134 26.9 13.5 40.4

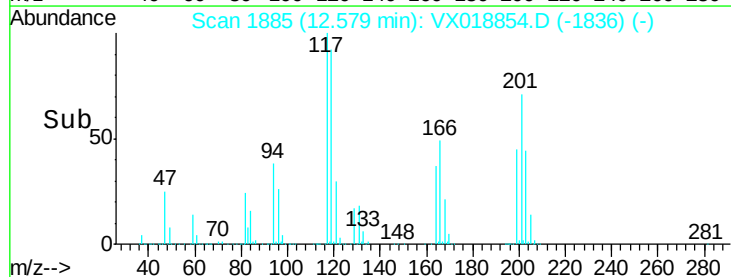
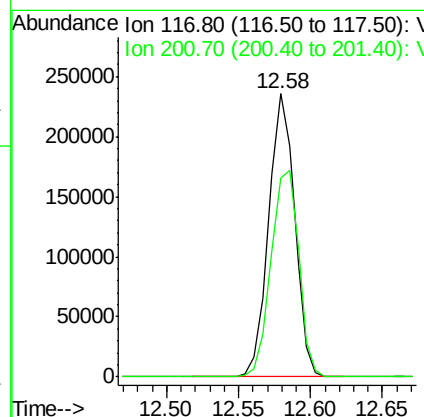
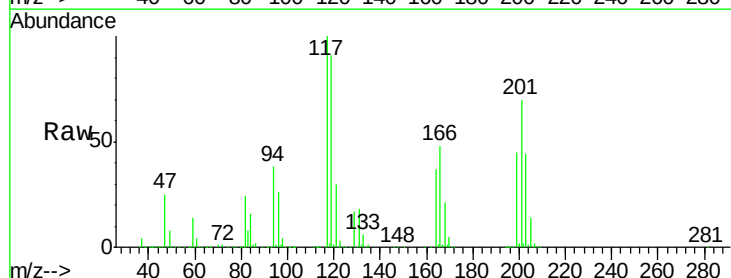
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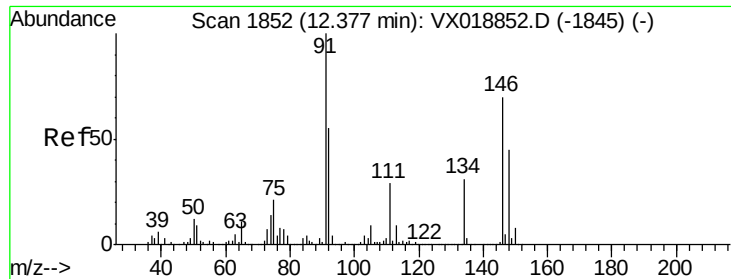
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#90
Hexachloroethane
Concen: 145.822 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion: 117 Resp: 294047
Ion Ratio Lower Upper
117 100
201 78.3 37.4 112.2





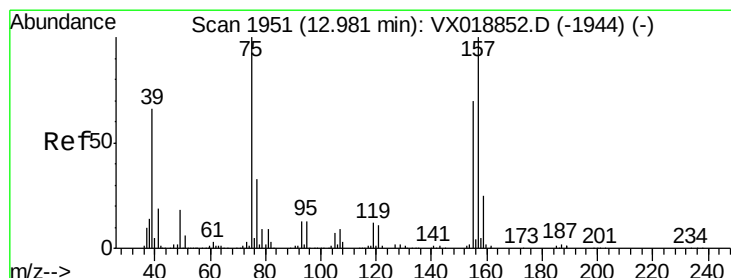
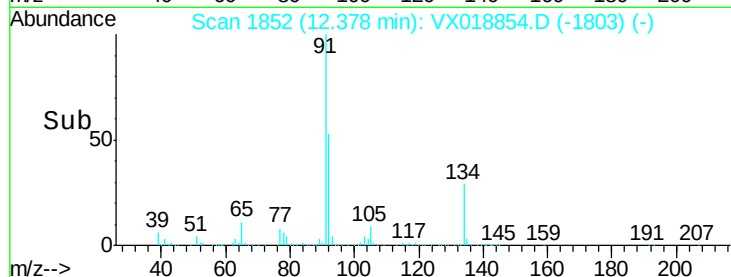
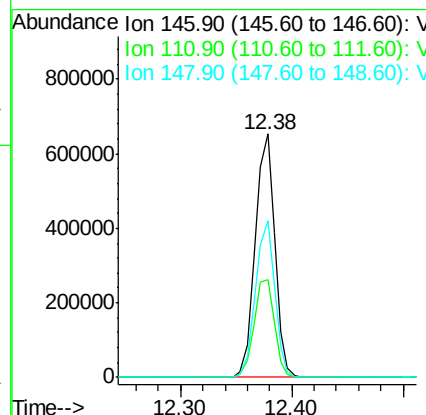
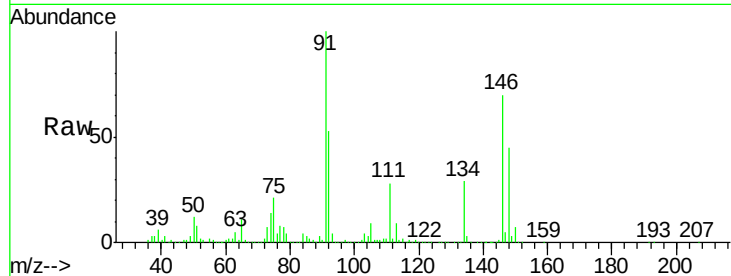
#91
 1,2-Dichlorobenzene
 Concen: 150.554 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	797446		
111	41.7		20.6	61.9
148	63.9		31.1	93.2

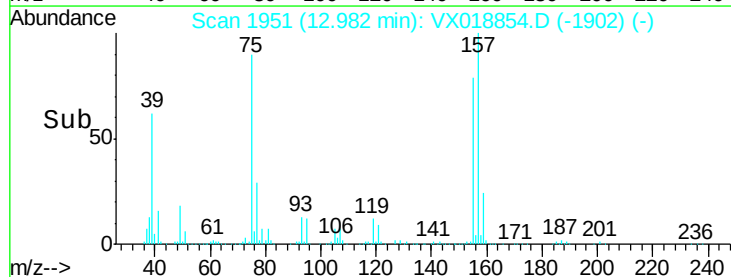
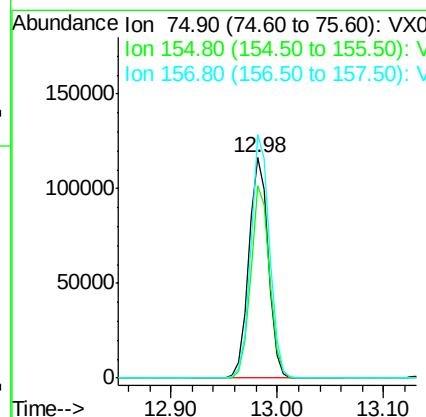
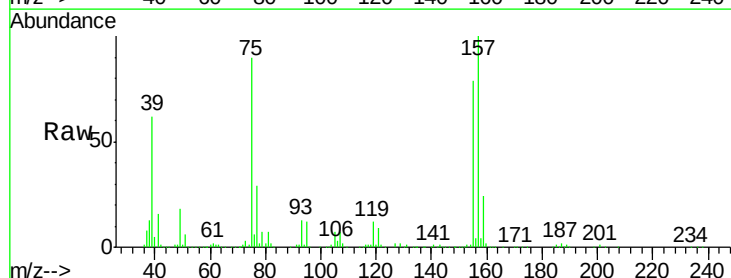
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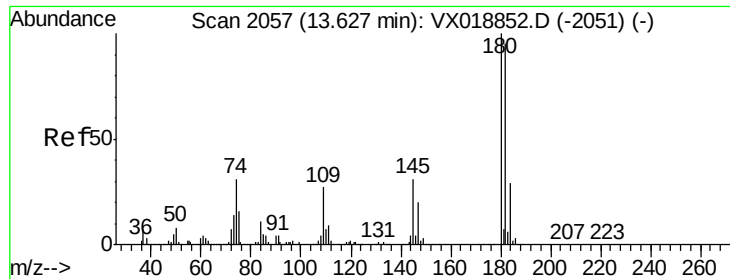
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 163.531 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	149256		
155	83.9		38.0	113.9
157	105.8		50.9	152.7





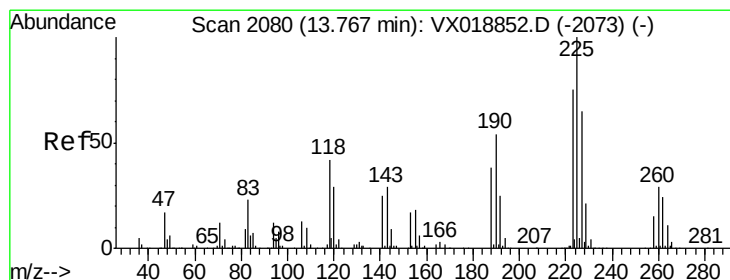
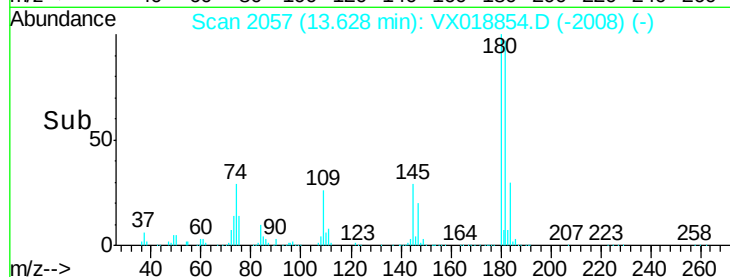
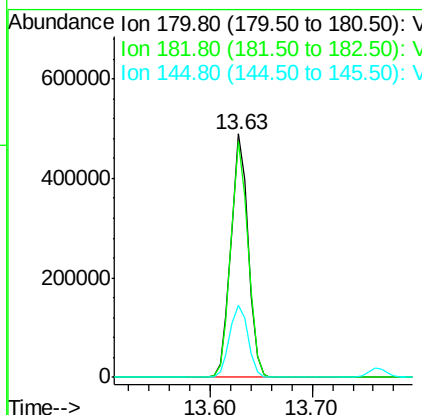
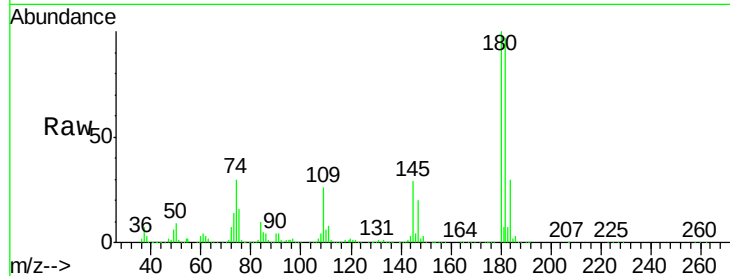
#93
 1,2,4-Trichlorobenzene
 Concen: 155.392 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	567496		
182	97.0	49.1	147.3	
145	31.7	16.0	48.0	

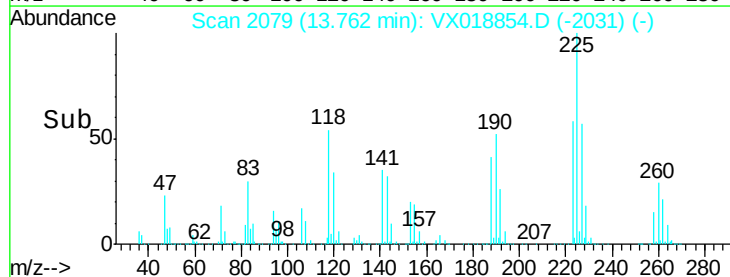
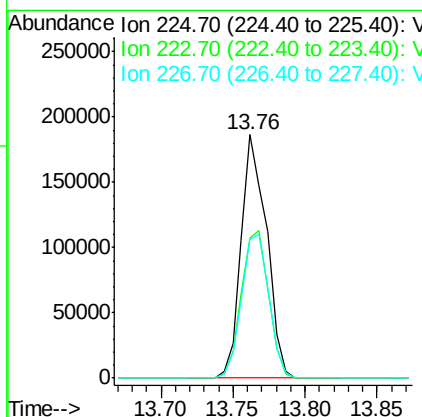
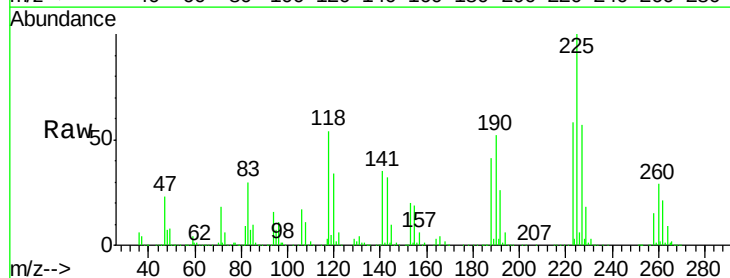
Manual Integrations
 APPROVED

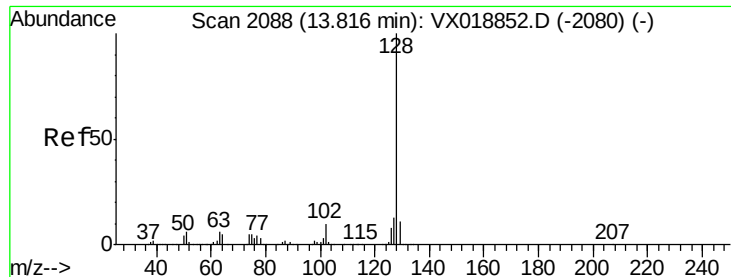
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 148.923 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018854.D
 Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	228551		
223	64.9	32.1	96.3	
227	63.4	33.0	98.9	





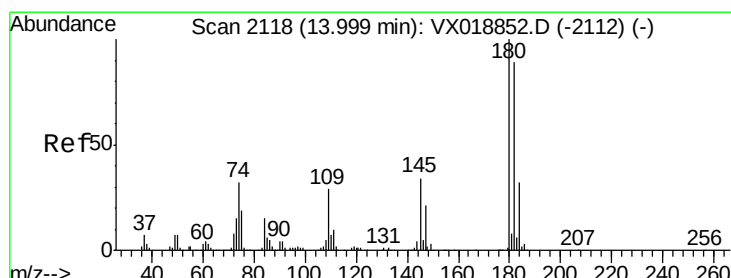
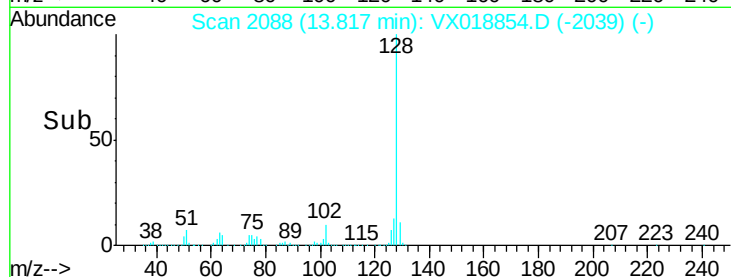
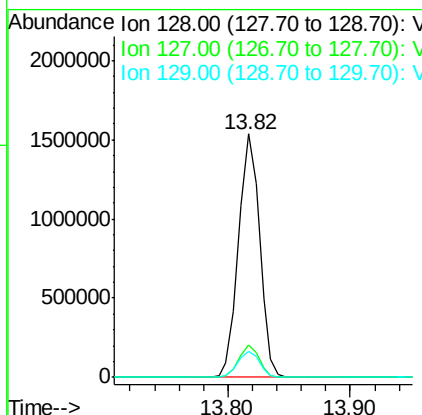
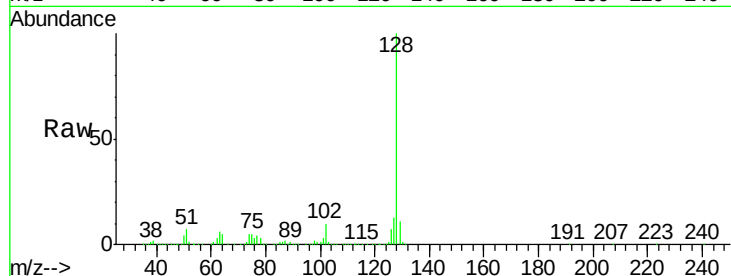
#95
Naphthalene
Concen: 165.814 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.9	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 157.848 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018854.D
Acq: 09 Oct 2020 13:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.7	143.1
145	34.1	16.7	50.0

