

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092320\
 Data File : VX018557.D
 Acq On : 23 Sep 2020 23:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:39:41 PM

Quant Time: Sep 24 01:59:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	410911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	645403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	598586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	323717	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	282396	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.47	113	217270	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.70	98	770331	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.12	95	295831	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	209383	53.746	ug/l	100
3) Chloromethane	1.31	50	217844	47.763	ug/l	99
4) Vinyl Chloride	1.39	62	233864	48.434	ug/l	98
5) Bromomethane	1.64	94	162517	54.839	ug/l	99
6) Chloroethane	1.72	64	140368	50.795	ug/l	97
7) Trichlorofluoromethane	1.92	101	403804	55.050	ug/l	97
8) Diethyl Ether	2.17	74	125940	48.935	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204812	51.875	ug/l	99
10) Methyl Iodide	2.50	142	258430	52.616	ug/l	96
11) Tert butyl alcohol	3.05	59	204135	201.828	ug/l	100
12) 1,1-Dichloroethene	2.36	96	201724	50.692	ug/l	92
13) Acrolein	2.28	56	203743	318.137	ug/l	99
14) Allyl chloride	2.71	41	352670	45.733	ug/l	95
15) Acrylonitrile	3.12	53	566387	234.692	ug/l	98
16) Acetone	2.43	43	488290	219.643	ug/l	100
17) Carbon Disulfide	2.56	76	574333	48.326	ug/l	99
18) Methyl Acetate	2.75	43	270941	49.190	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	733130	52.482	ug/l	98
20) Methylene Chloride	2.84	84	229073	46.702	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	221217	47.832	ug/l	96
22) Diisopropyl ether	3.82	45	729563	50.332	ug/l	98
23) Vinyl Acetate	3.79	43	3234018	251.785	ug/l	99
24) 1,1-Dichloroethane	3.67	63	403989	48.327	ug/l	98
25) 2-Butanone	4.64	43	776556	224.311	ug/l	99
26) 2,2-Dichloropropane	4.56	77	334091	43.255	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	249957	48.220	ug/l	99
28) Bromochloromethane	4.98	49	189829	48.528	ug/l	99
29) Tetrahydrofuran	5.10	42	501472	229.820	ug/l	97
30) Chloroform	5.18	83	443253	52.259	ug/l	97
31) Cyclohexane	5.56	56	337657	47.999	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	414635	52.108	ug/l	98
36) 1,1-Dichloropropene	5.77	75	314791	50.251	ug/l	98
37) Ethyl Acetate	4.79	43	323894	48.419	ug/l	99
38) Carbon Tetrachloride	5.75	117	383180	55.231	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	346062	49.172	ug/l	97
40) Benzene	6.12	78	902596	50.277	ug/l	99
41) Methacrylonitrile	5.01	41	182859	49.195	ug/l	98
42) 1,2-Dichloroethane	6.17	62	374536	53.626	ug/l	98
43) Isopropyl Acetate	6.42	43	542882	48.906	ug/l	99
44) Trichloroethene	7.19	130	260931	50.208	ug/l	99
45) 1,2-Dichloropropane	7.49	63	239142	48.532	ug/l	98
46) Dibromomethane	7.64	93	171858	50.765	ug/l	98
47) Bromodichloromethane	7.88	83	358558	52.554	ug/l	99
48) Methyl methacrylate	7.75	41	268996	49.786	ug/l	98
49) 1,4-Dioxane	7.76	88	67045	750.978	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1629998	246.616	ug/l	100
52) Toluene	8.77	92	577806	51.146	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	386460	49.850	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	401892	50.321	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	240104	51.220	ug/l	99
56) Ethyl methacrylate	9.16	69	354920	51.062	ug/l	99
57) 1,3-Dichloropropane	9.35	76	400784	50.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	882163	238.713	ug/l	99
59) 2-Hexanone	9.48	43	1227626	244.196	ug/l	99
60) Dibromochloromethane	9.57	129	298870	53.468	ug/l	99
61) 1,2-Dibromoethane	9.65	107	256735	51.474	ug/l	100
64) Tetrachloroethene	9.32	164	246656	52.340	ug/l	93
65) Chlorobenzene	10.12	112	631050	51.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	258493	52.278	ug/l	98
67) Ethyl Benzene	10.24	91	1123486	52.661	ug/l	95
68) m/p-Xylenes	10.34	106	850133	105.339	ug/l	100
69) o-Xylene	10.68	106	400566	52.414	ug/l	100
70) Styrene	10.70	104	687860	52.128	ug/l	97
71) Bromoform	10.84	173	220426	53.095	ug/l #	98
73) Isopropylbenzene	11.01	105	1112605	51.449	ug/l	100
74) N-amyl acetate	10.88	43	464255	47.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	351212	49.066	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	323943m	47.620	ug/l	
77) Bromobenzene	11.24	156	288386	48.331	ug/l	99
78) n-propylbenzene	11.35	91	1277342	50.462	ug/l	99
79) 2-Chlorotoluene	11.41	91	750262	48.965	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	959163	51.862	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	118397	44.599	ug/l	96
82) 4-Chlorotoluene	11.49	91	906850	49.789	ug/l	98
83) tert-Butylbenzene	11.76	119	914496	50.928	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	953757	51.207	ug/l	98
85) sec-Butylbenzene	11.93	105	1054839	49.786	ug/l	99
86) p-Isopropyltoluene	12.05	119	1002079	51.462	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	524362	48.876	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	518991	47.710	ug/l	97
89) n-Butylbenzene	12.37	91	876260	48.610	ug/l	99
90) Hexachloroethane	12.58	117	188436	48.473	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	517663	51.553	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	85284	49.079	ug/l	95

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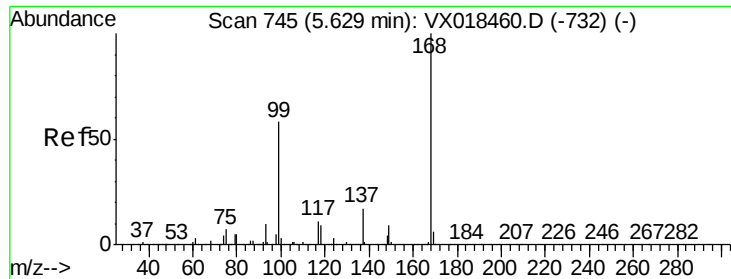
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	335903	48.064	ug/l	98
94) Hexachlorobutadiene	13.76	225	149502	50.979	ug/l	95
95) Naphthalene	13.82	128	1072892	50.834	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	326258	48.849	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 410911

Ion Ratio Lower Upper

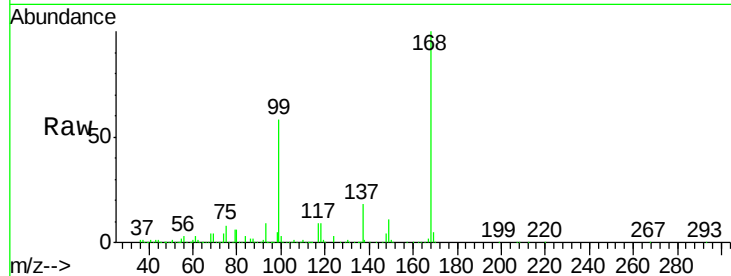
168 100

99 57.4 46.5 69.7

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

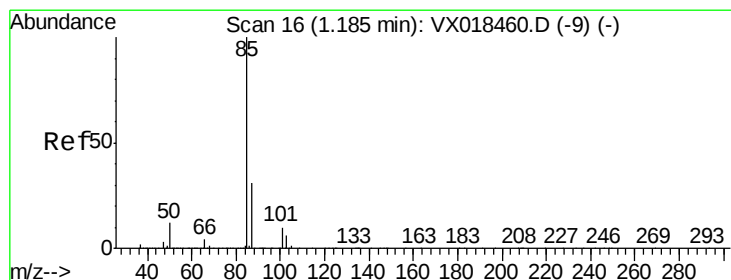
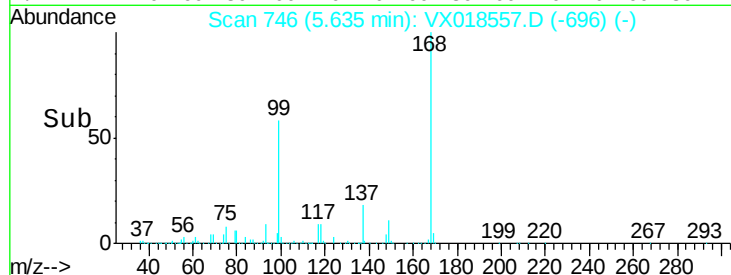
50000

0

5.50 5.60 5.70

5.64

Time-->



#2

Dichlorodifluoromethane

Concen: 53.746 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018557.D

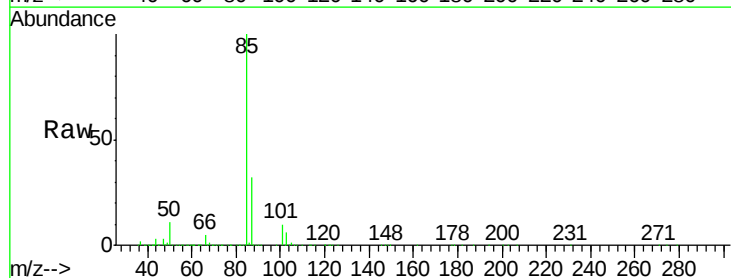
Acq: 23 Sep 2020 23:59

Tgt Ion: 85 Resp: 209383

Ion Ratio Lower Upper

85 100

87 31.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

100000

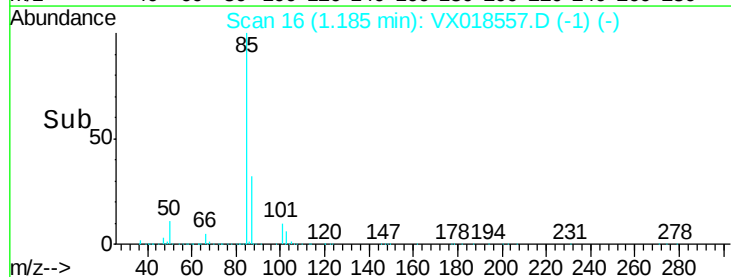
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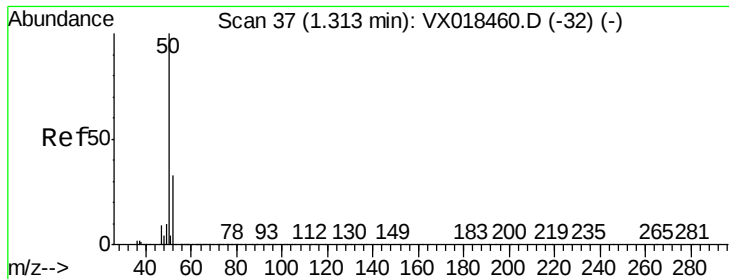
0

1.10 1.20 1.30

1.18

Time-->





#3

Chloromethane

Concen: 47.763 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 217844

Ion Ratio Lower Upper

50 100

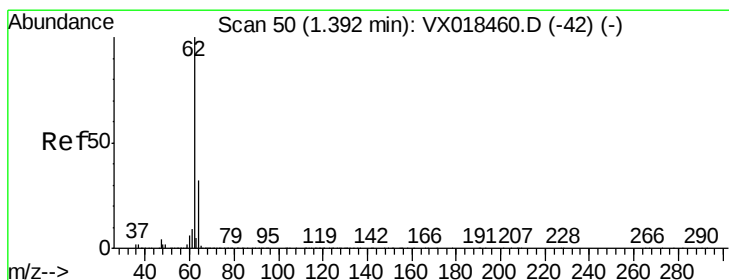
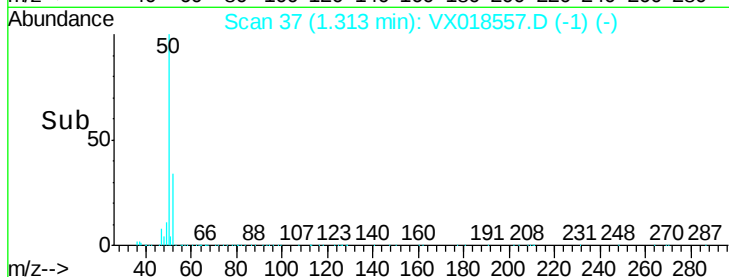
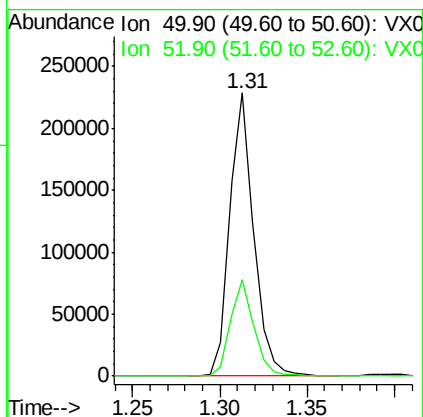
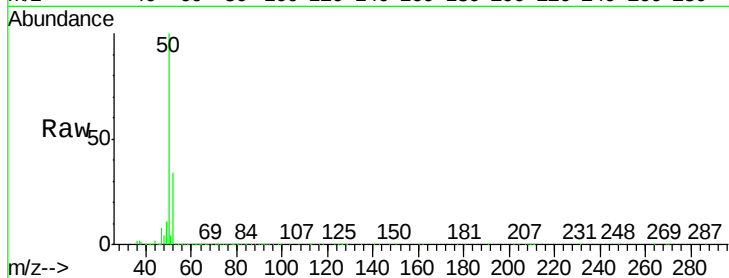
52 34.0 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.434 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018557.D

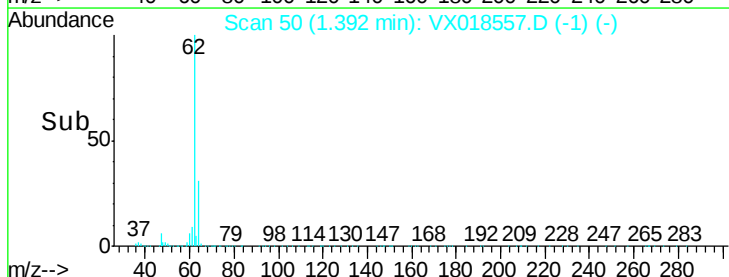
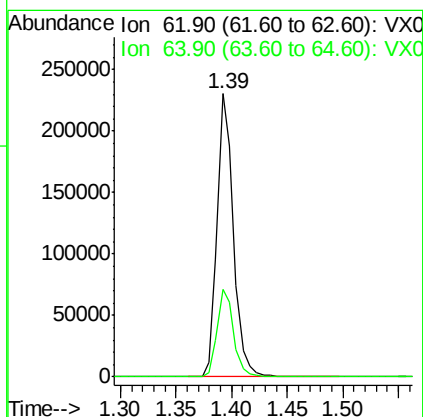
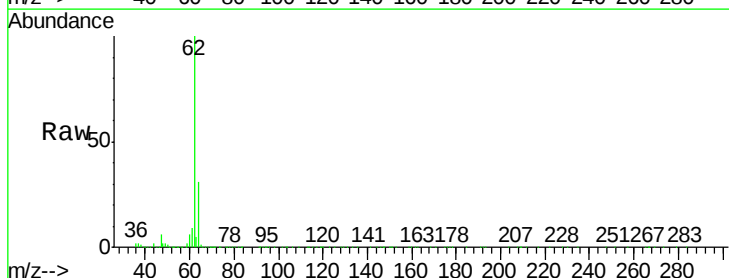
Acq: 23 Sep 2020 23:59

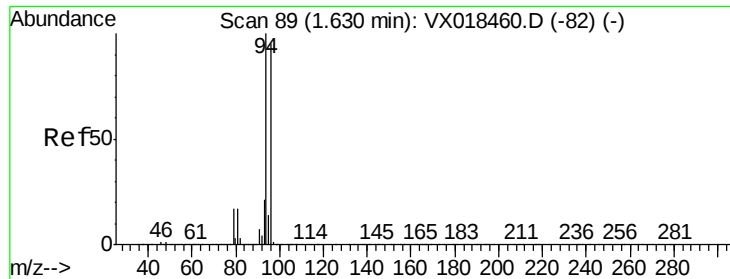
Tgt Ion: 62 Resp: 233864

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 54.839 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 162517

Ion Ratio Lower Upper

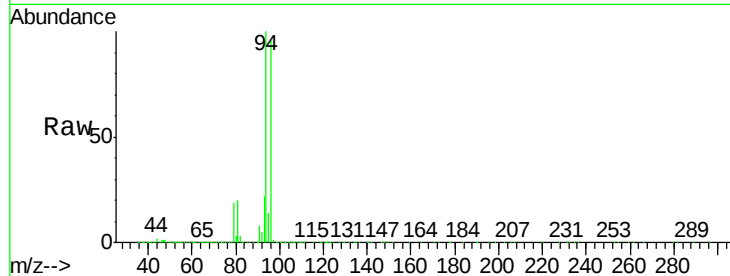
94 100

96 95.5 75.5 113.3

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

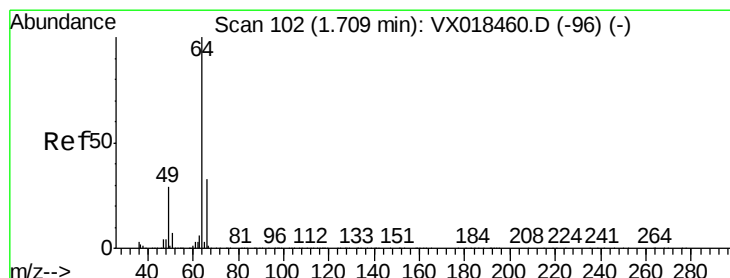
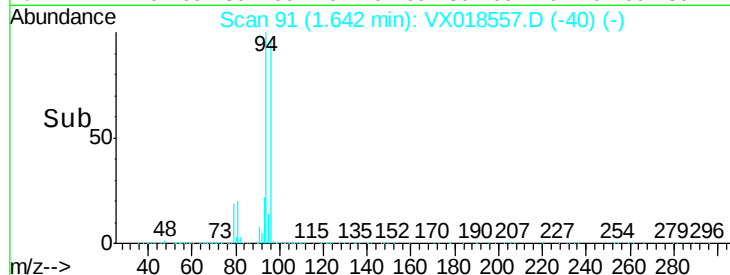
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 50.795 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018557.D

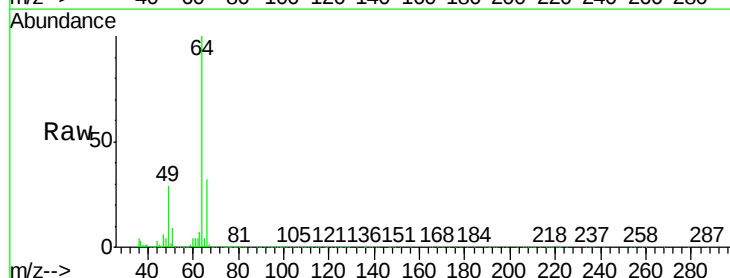
Acq: 23 Sep 2020 23:59

Tgt Ion: 64 Resp: 140368

Ion Ratio Lower Upper

64 100

66 31.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

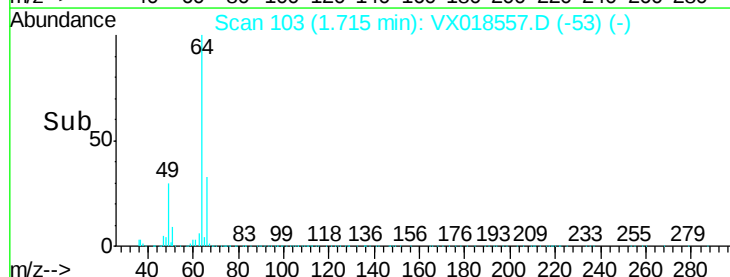
1.72

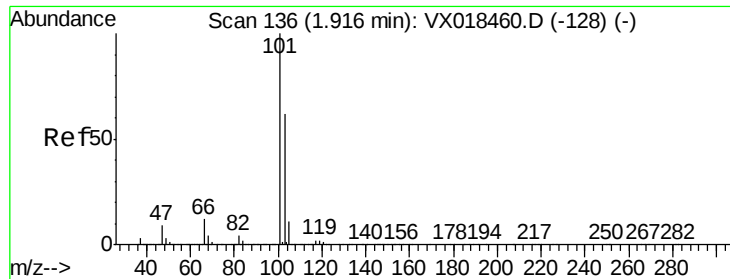
100000

50000

0

Time-->





#7

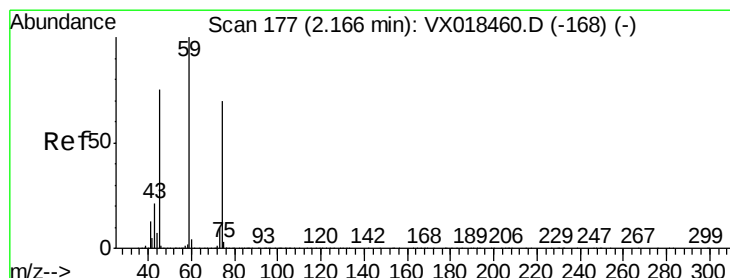
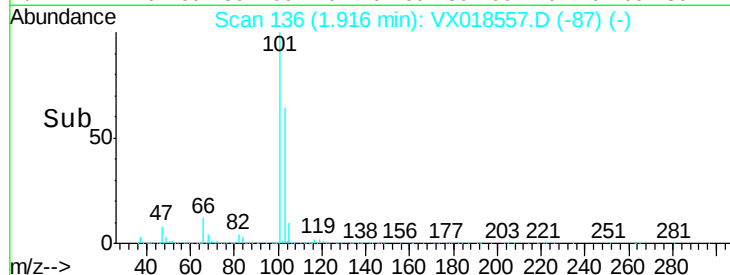
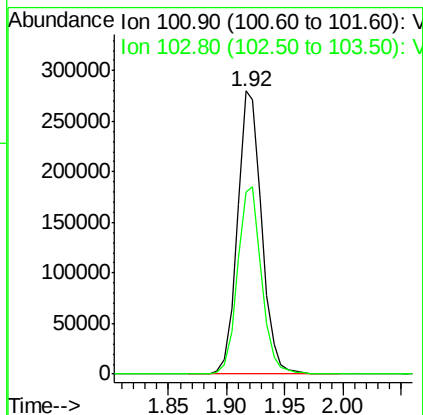
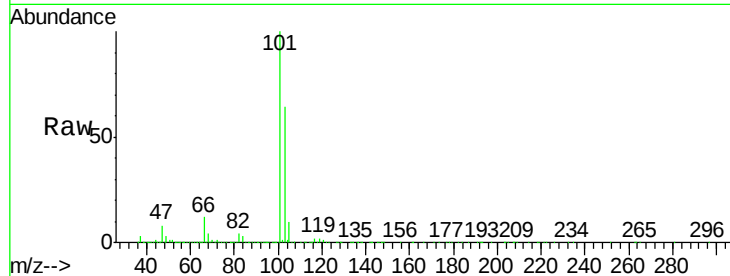
Trichlorofluoromethane
Concen: 55.050 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	49.6	74.4

Manual Integrations
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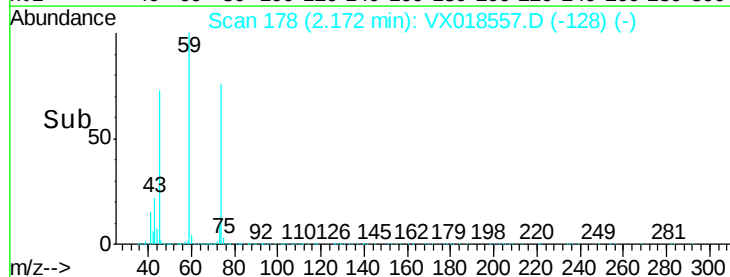
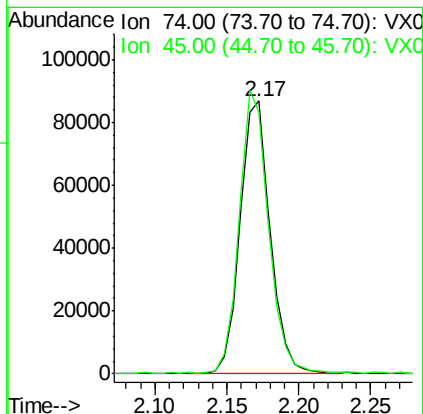
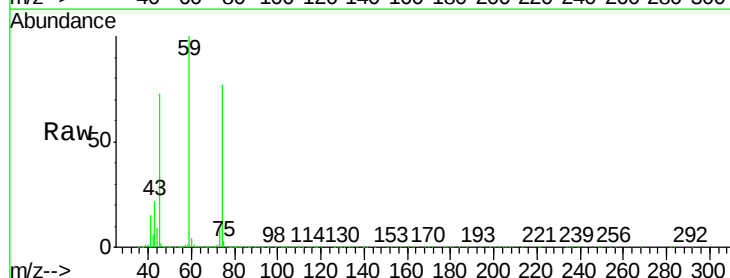
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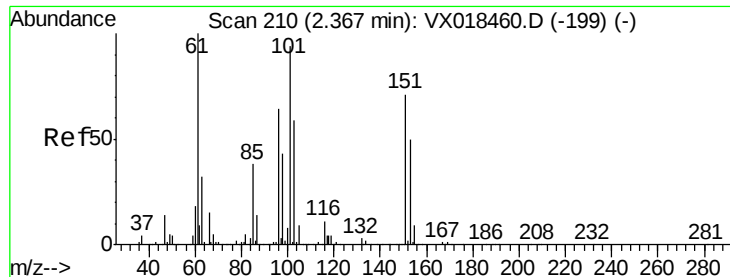


#8

Diethyl Ether
Concen: 48.935 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.875 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

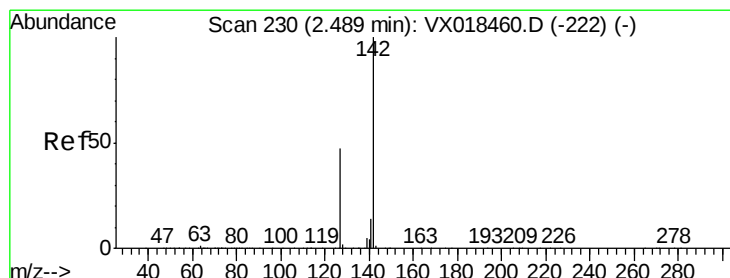
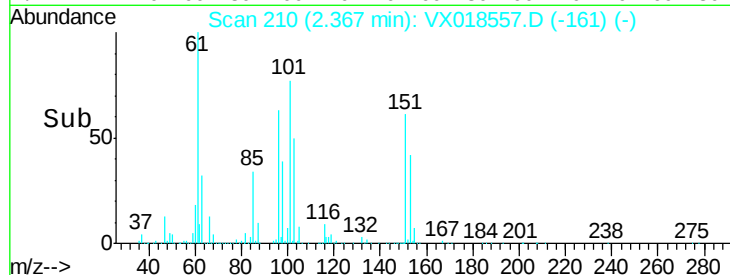
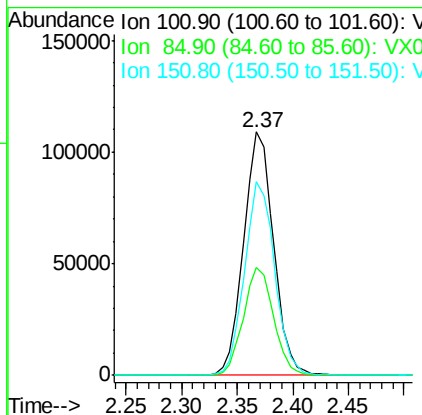
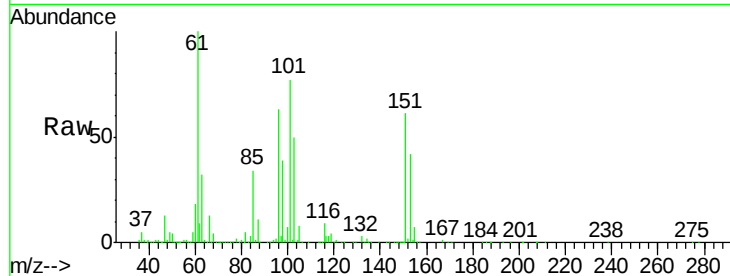
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	204812
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.7	52.1
151	80.2	64.9	97.3

Manual Integrations
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#10

Methyl Iodide

Concen: 52.616 ug/l

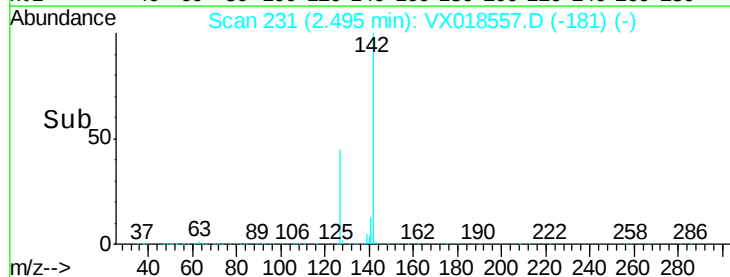
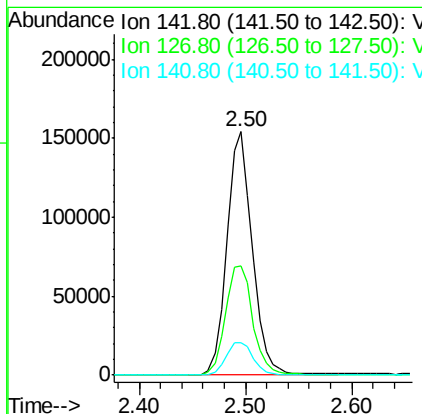
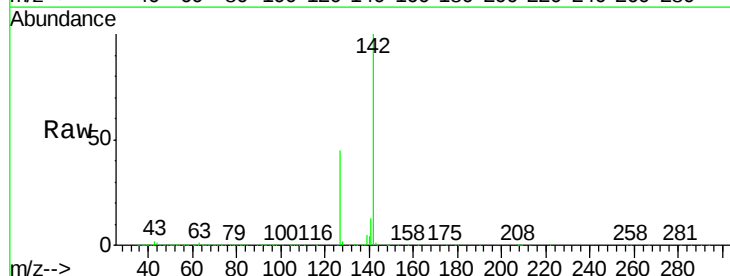
RT: 2.50 min Scan# 231

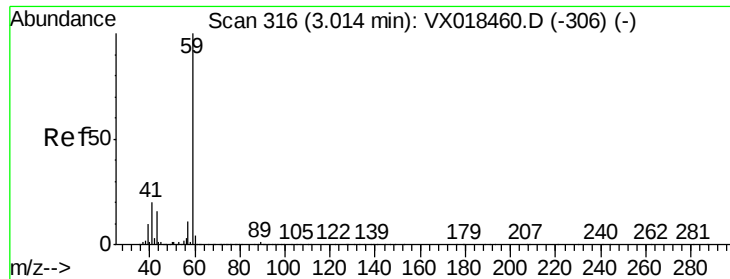
Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion:	142	Resp:	258430
Ion Ratio	Lower	Upper	
142	100		
127	48.1	36.0	54.0
141	14.7	11.9	17.9





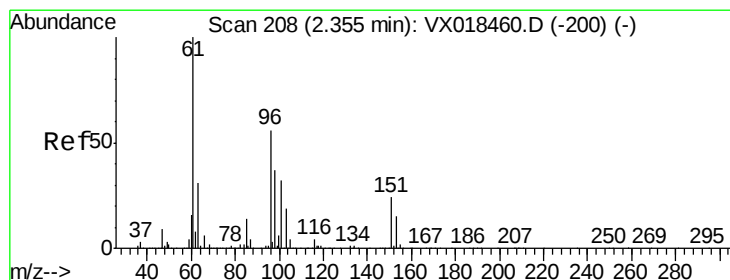
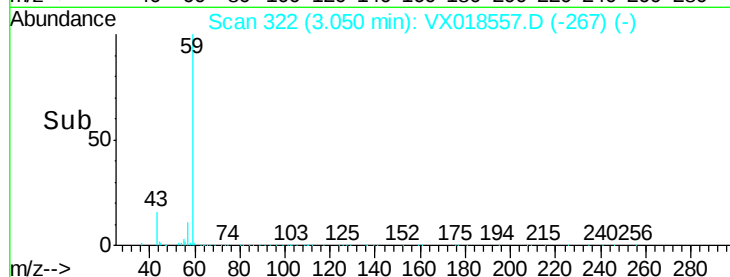
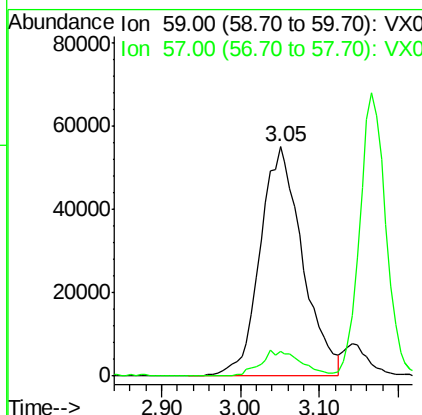
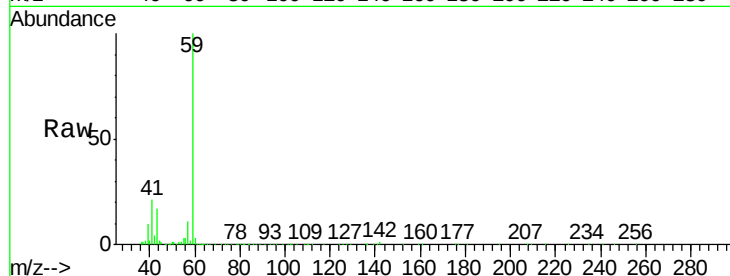
#11
Tert butyl alcohol
Concen: 201.828 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.04 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

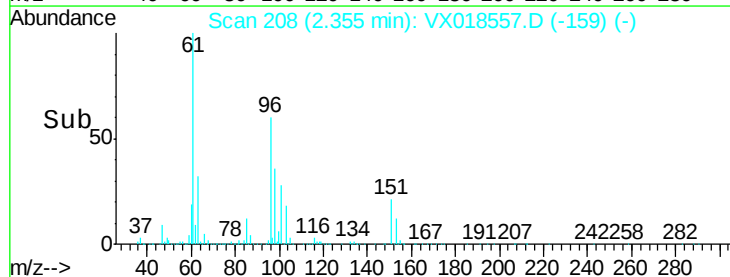
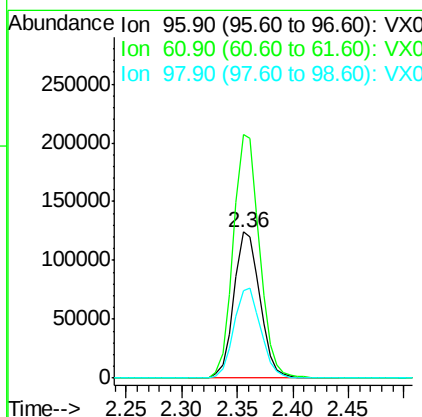
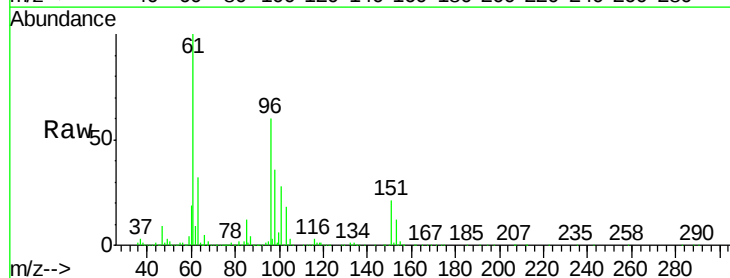
Manual Integrations
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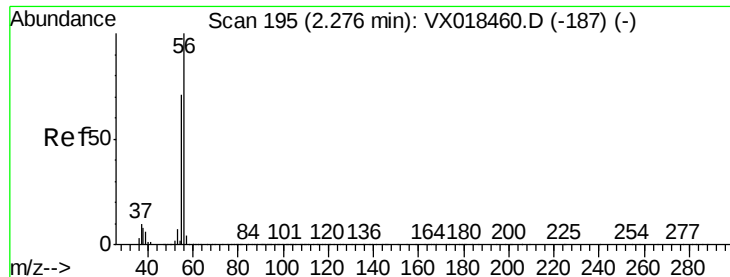
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.692 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.5	142.2	213.4
98	59.6	52.4	78.6





#13

Acrolein

Concen: 318.137 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 203743

Ion Ratio Lower Upper

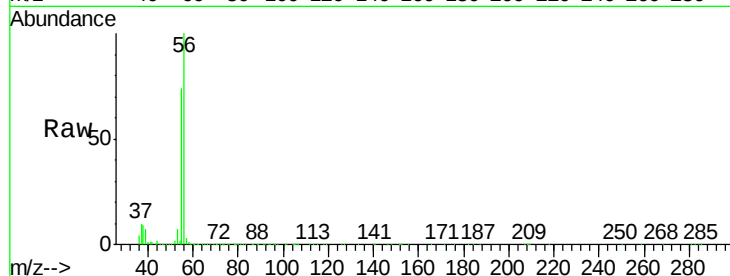
56 100

55 71.7 58.2 87.4

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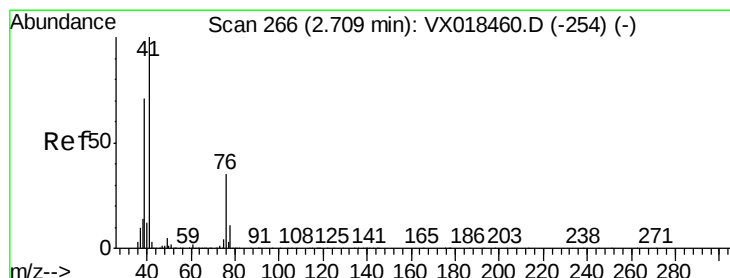
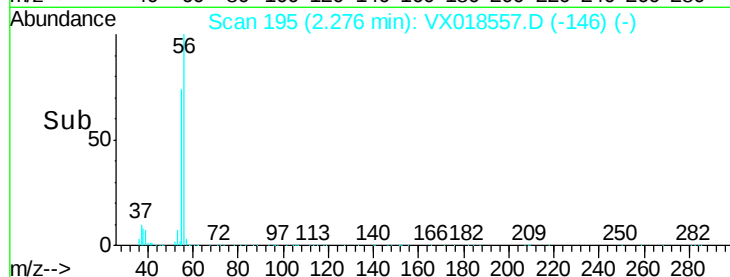
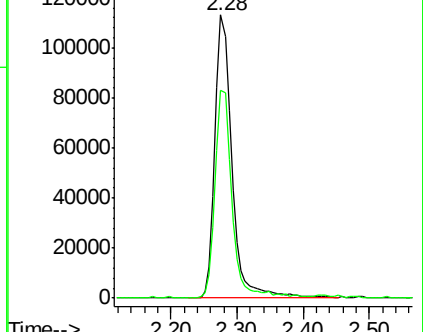
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.733 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

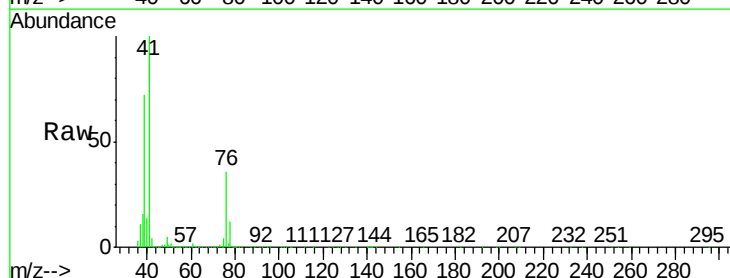
Tgt Ion: 41 Resp: 352670

Ion Ratio Lower Upper

41 100

39 68.7 51.1 76.7

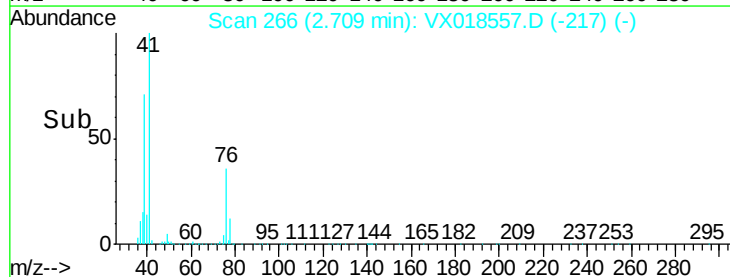
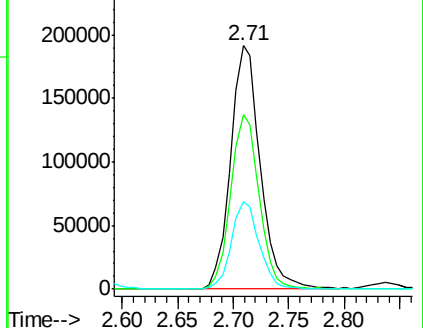
76 33.7 26.0 39.0

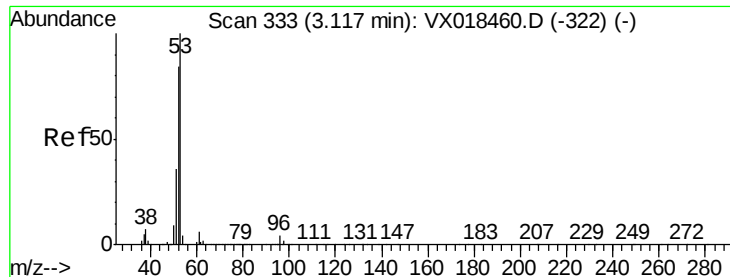


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 234.692 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

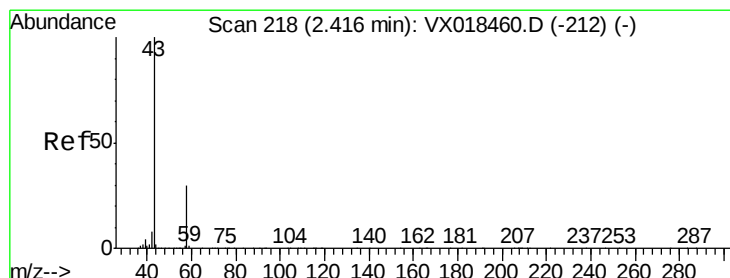
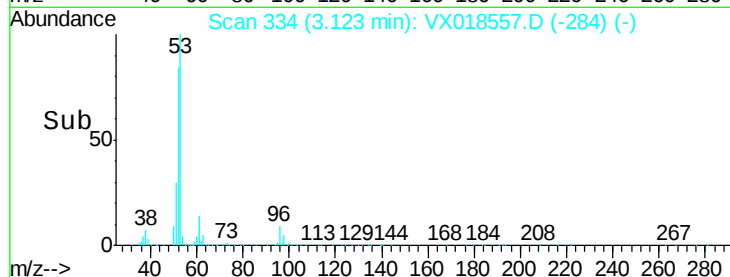
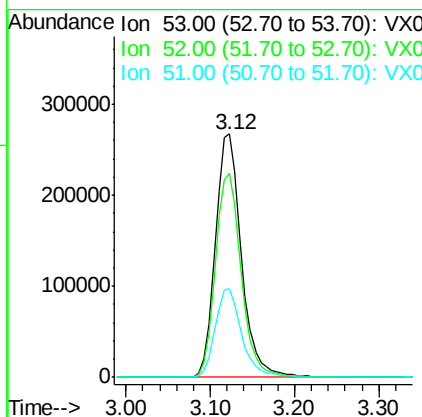
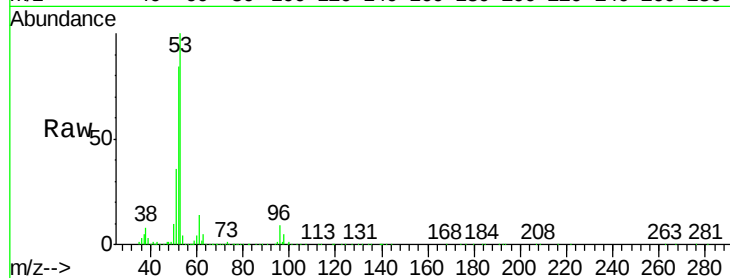
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	566387
Ion Ratio		Lower	Upper
53	100		
52	84.0	65.8	98.8
51	36.9	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 219.643 ug/l

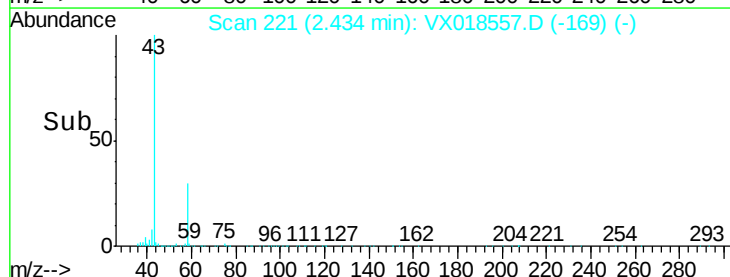
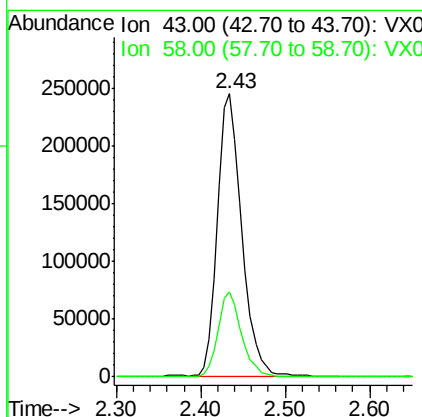
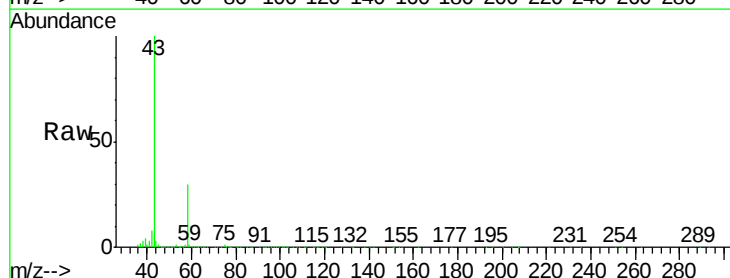
RT: 2.43 min Scan# 221

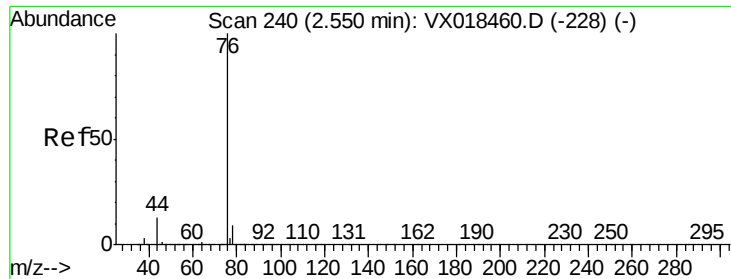
Delta R.T. 0.02 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion:	43	Resp:	488290
Ion Ratio		Lower	Upper
43	100		
58	30.2	24.0	36.0





#17

Carbon Disulfide

Concen: 48.326 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 574333

Ion Ratio Lower Upper

76 100

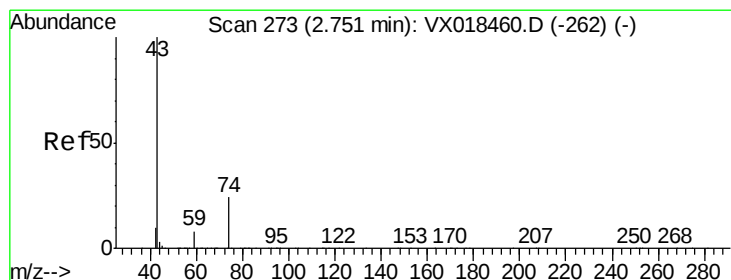
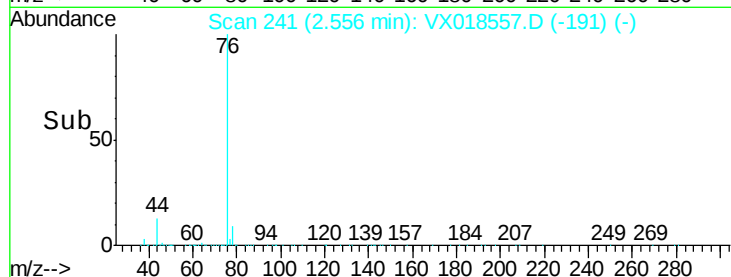
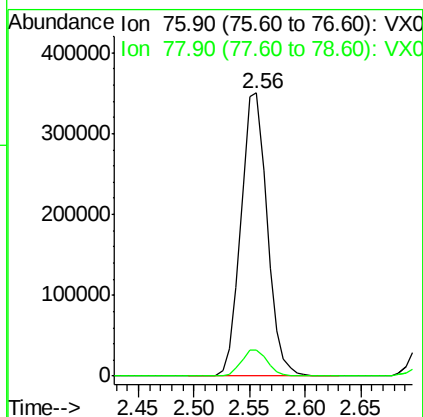
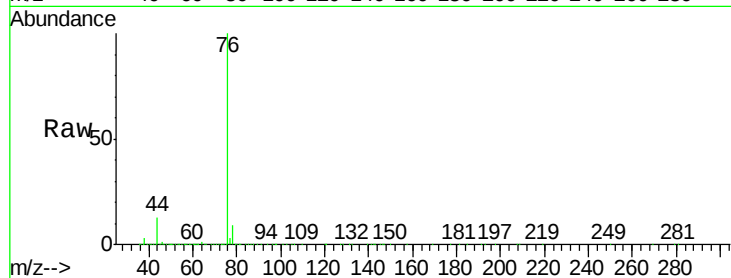
78 9.2 7.0 10.4

Manual Integrations

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#18

Methyl Acetate

Concen: 49.190 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018557.D

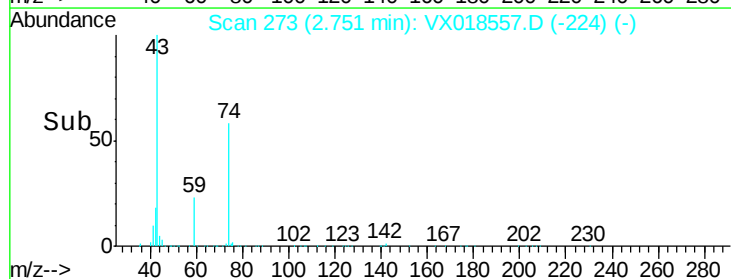
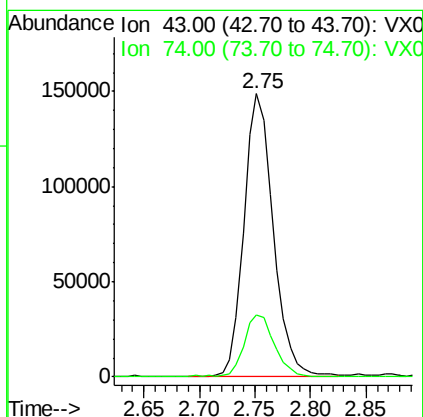
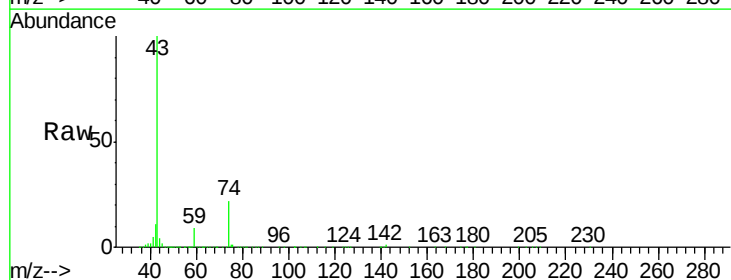
Acq: 23 Sep 2020 23:59

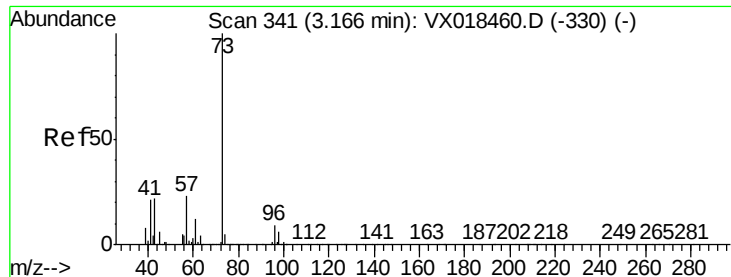
Tgt Ion: 43 Resp: 270941

Ion Ratio Lower Upper

43 100

74 22.7 18.3 27.5





#19

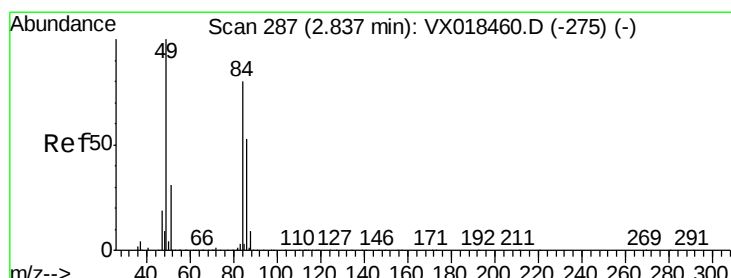
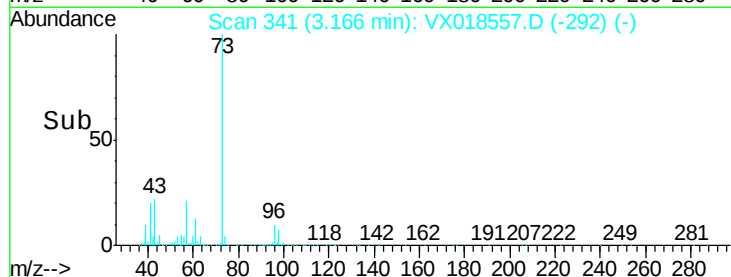
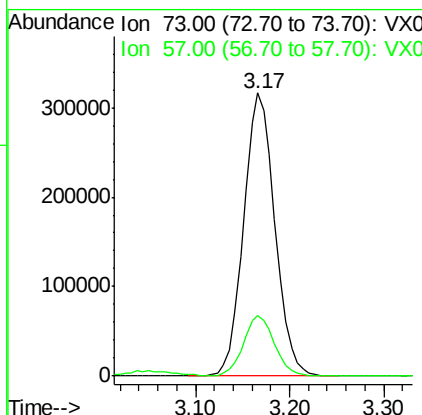
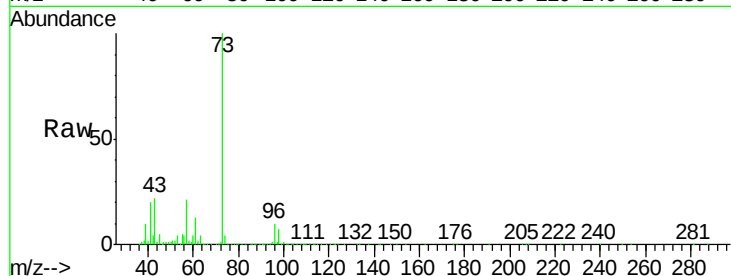
Methyl tert-butyl Ether
 Concen: 52.482 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.0	27.0

Manual Integrations
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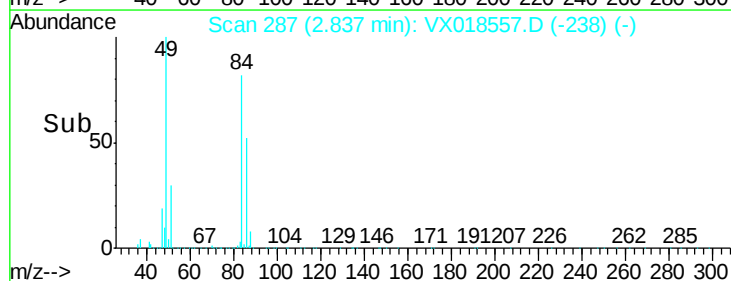
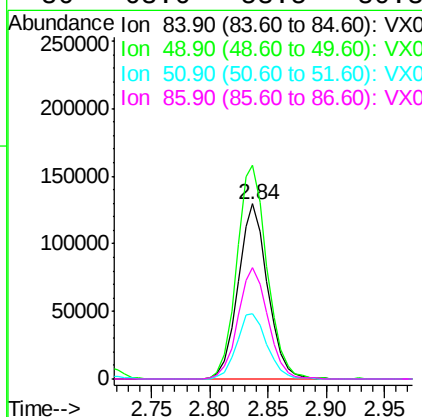
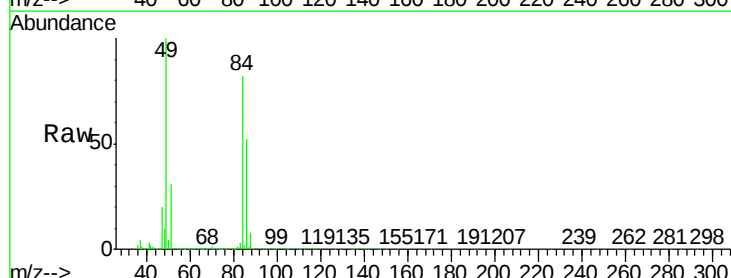
MMDadoda
 9/24/2020 1:39:41 PM

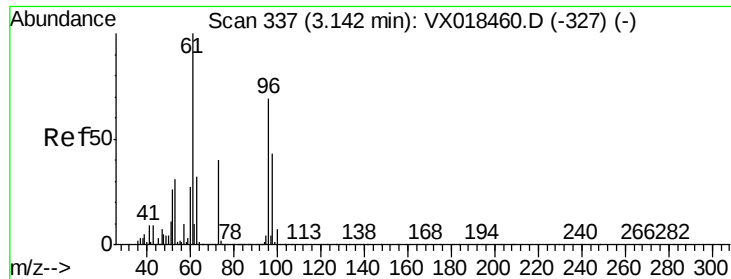


#20

Methylene Chloride
 Concen: 46.702 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	100.6	151.0
51	37.1	30.9	46.3
86	63.6	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 47.832 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

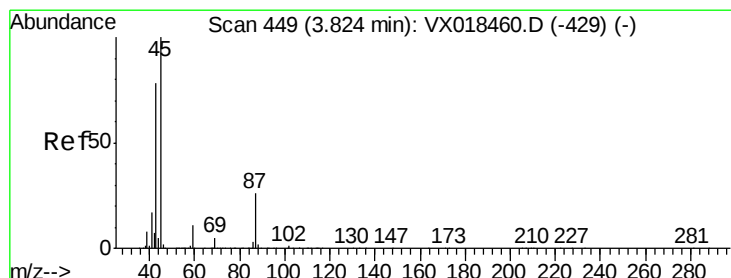
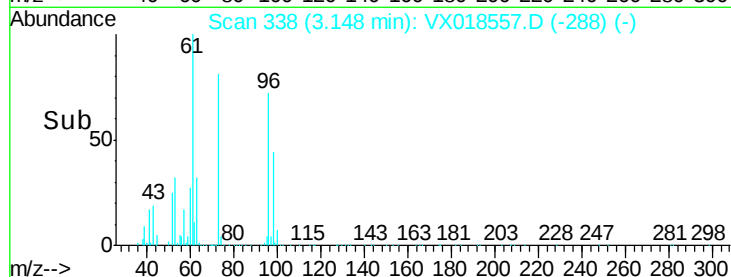
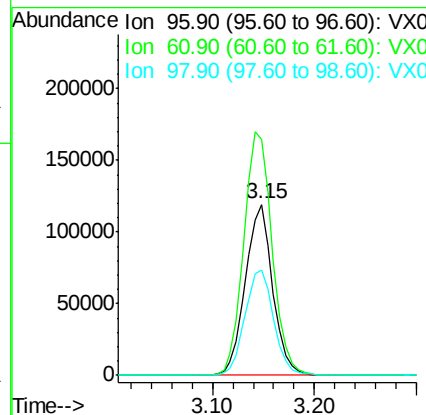
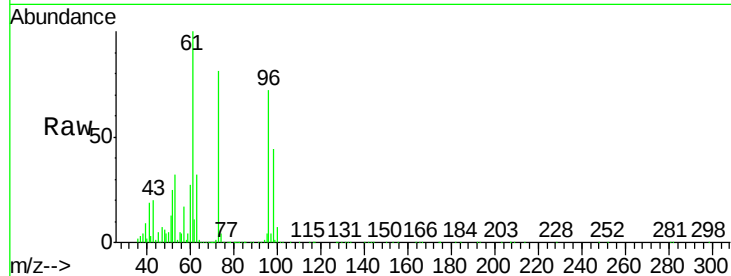
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	221217
Ion Ratio	Lower	Upper	
96	100		
61	138.1	115.6	173.4
98	61.4	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.332 ug/l

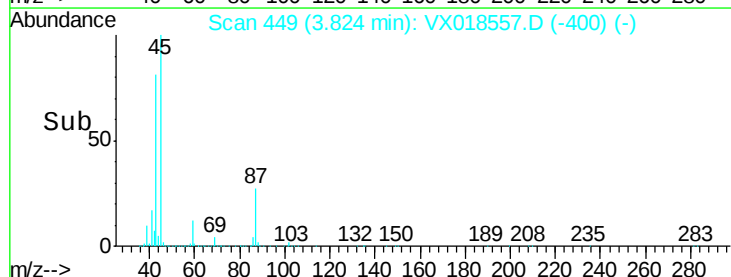
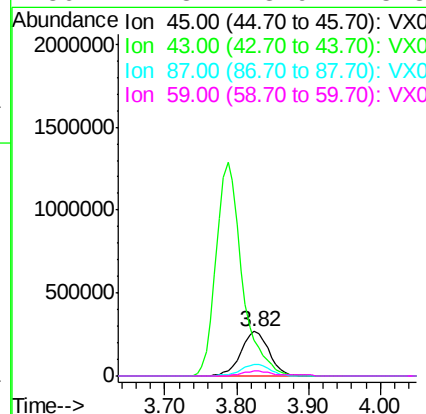
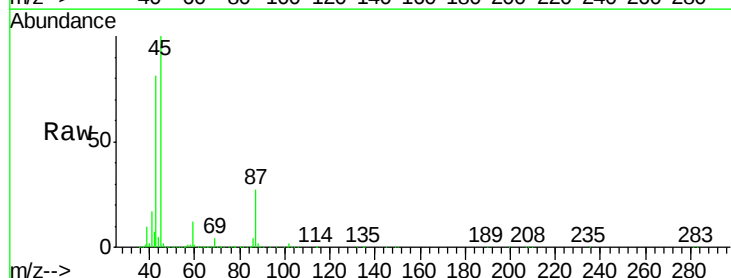
RT: 3.82 min Scan# 449

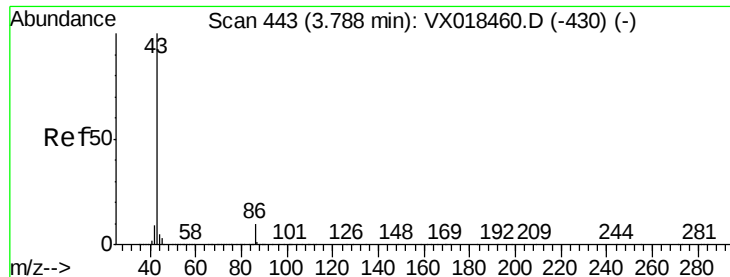
Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion:	45	Resp:	729563
Ion Ratio	Lower	Upper	
45	100		
43	80.2	62.4	93.6
87	27.4	21.2	31.8
59	11.8	8.9	13.3





#23

Vinyl Acetate

Concen: 251.785 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3234018

Ion Ratio Lower Upper

43 100

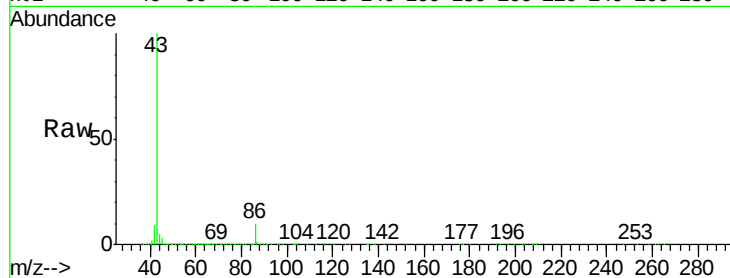
86 9.9 8.1 12.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1500000

1000000

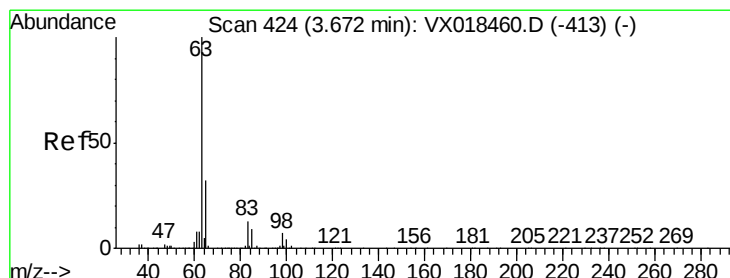
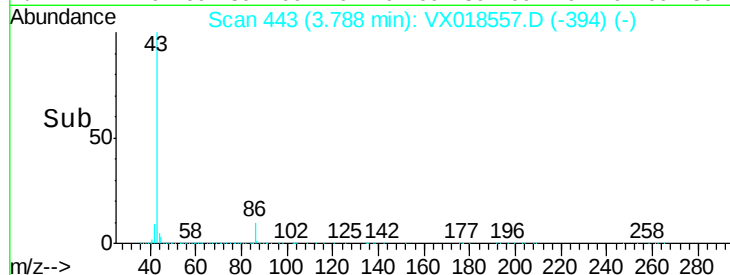
500000

0

3.79

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 48.327 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

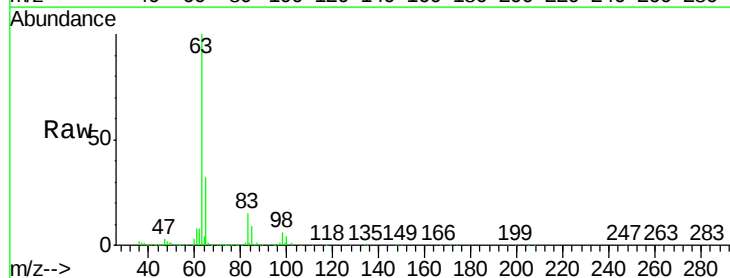
Tgt Ion: 63 Resp: 403989

Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.6

100 4.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

200000

150000

100000

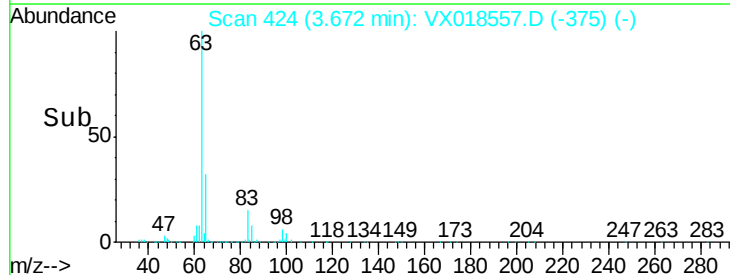
50000

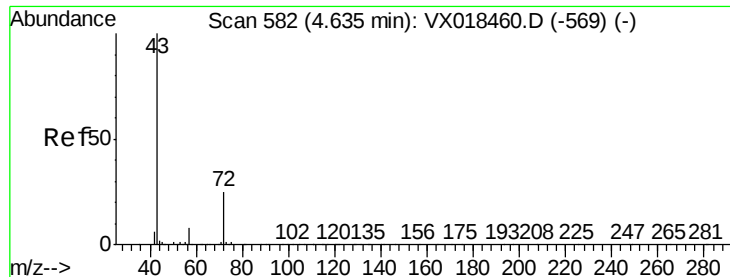
0

3.67

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 224.311 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 776556

Ion Ratio Lower Upper

43 100

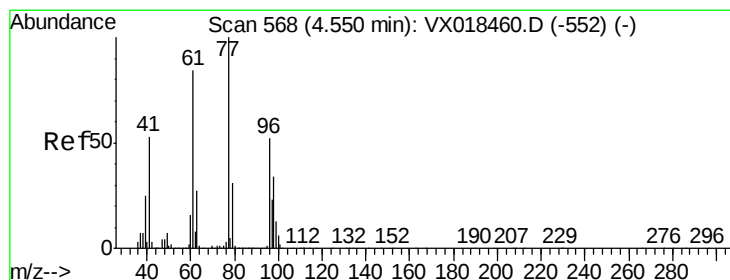
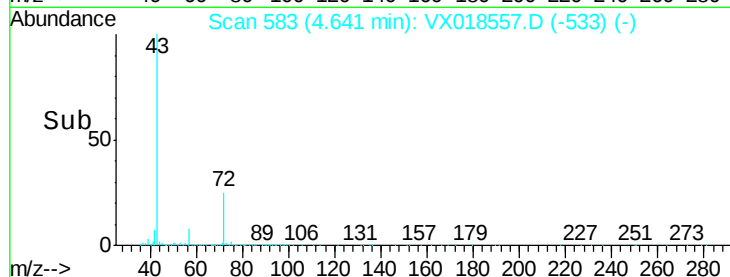
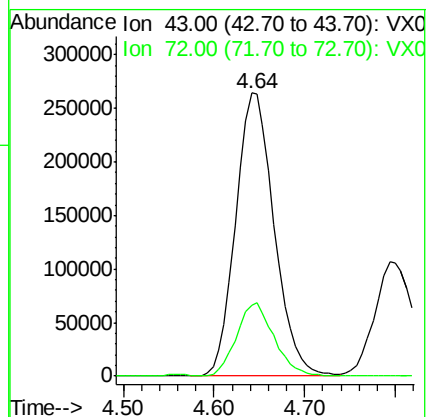
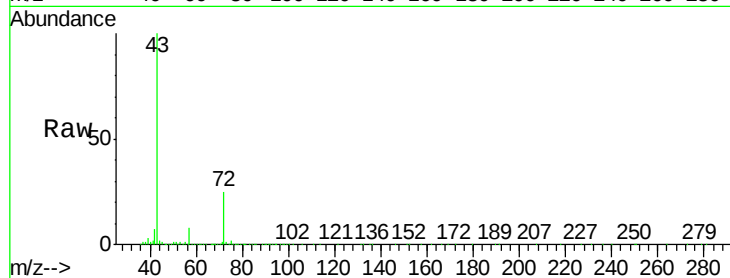
72 24.9 20.2 30.4

Manual Integrations

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MMDadoda

9/24/2020 1:39:41 PM



#26

2,2-Dichloropropane

Concen: 43.255 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018557.D

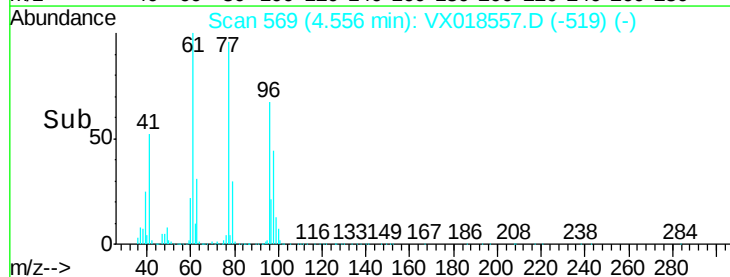
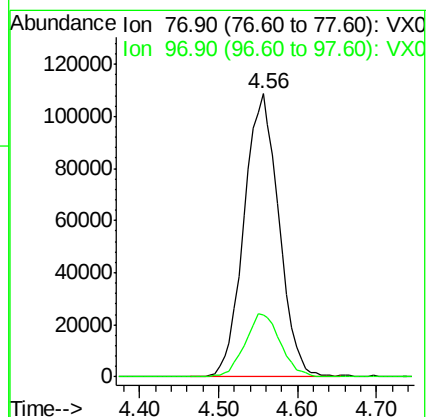
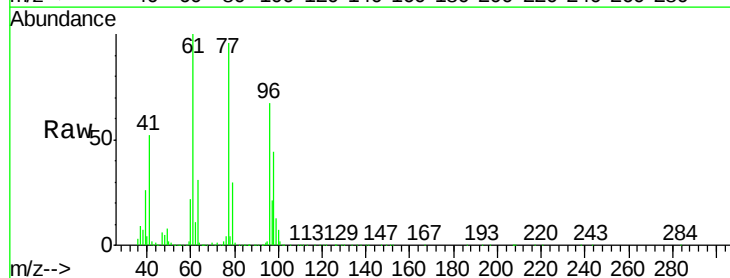
Acq: 23 Sep 2020 23:59

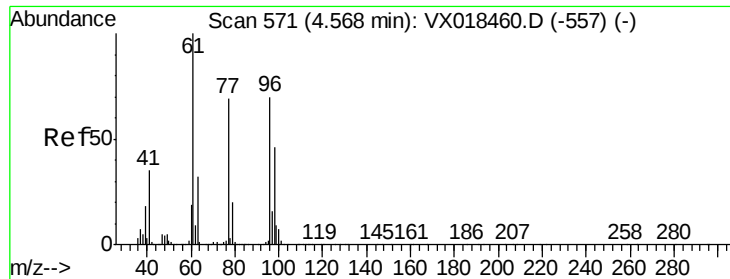
Tgt Ion: 77 Resp: 334091

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.5





#27

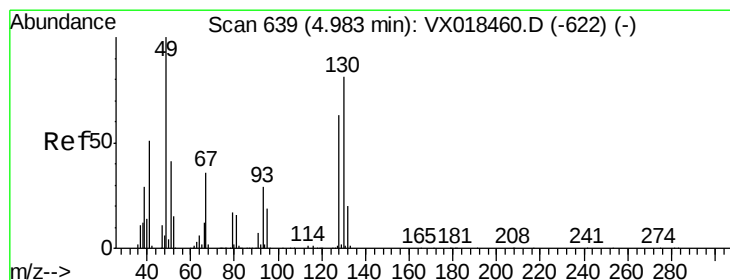
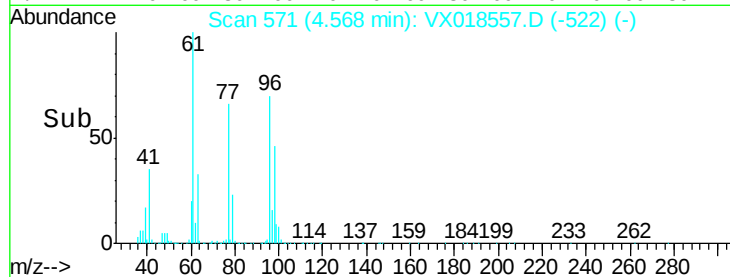
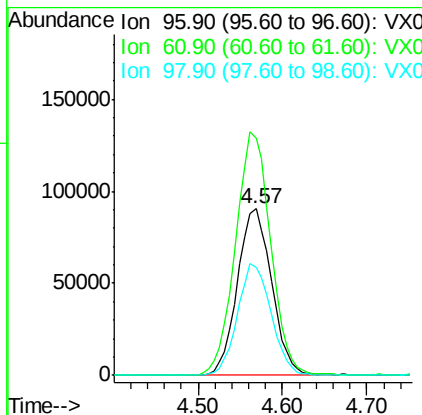
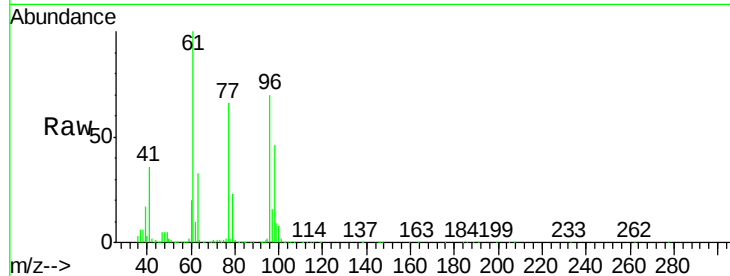
cis-1,2-Dichloroethene
Concen: 48.220 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	249957		
61	149.4	0.0	300.0	
98	65.7	0.0	130.4	

Manual Integrations
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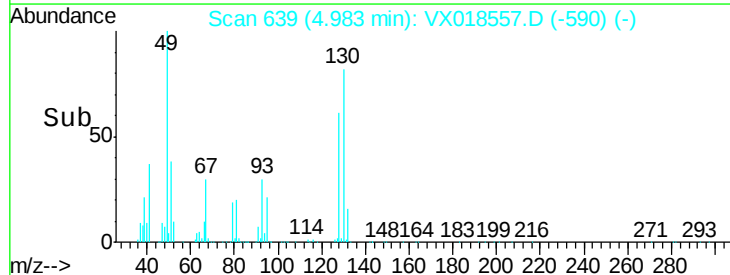
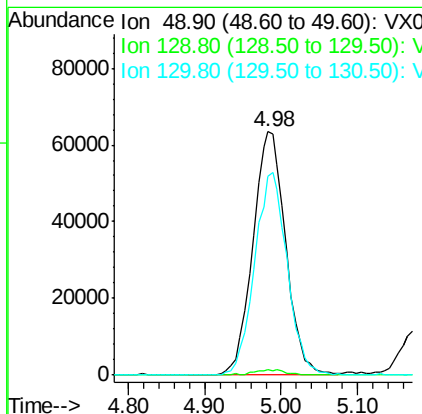
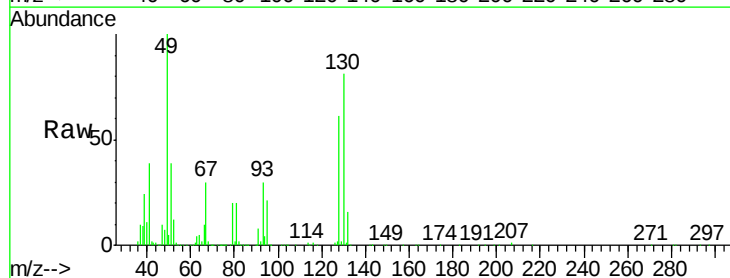
MMDadoda
9/24/2020 1:39:41 PM

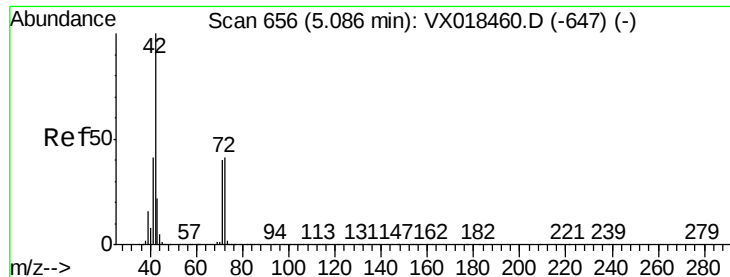


#28

Bromochloromethane
Concen: 48.528 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	189829		
129	2.0	0.0	4.6	
130	82.3	65.0	97.4	





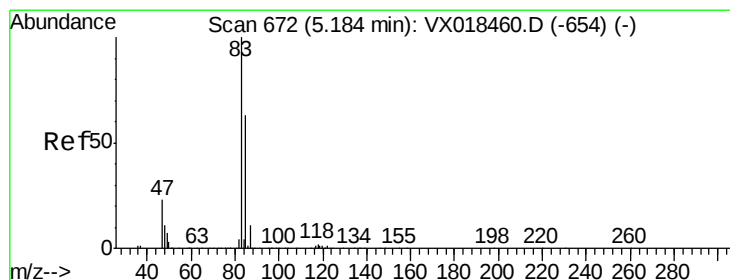
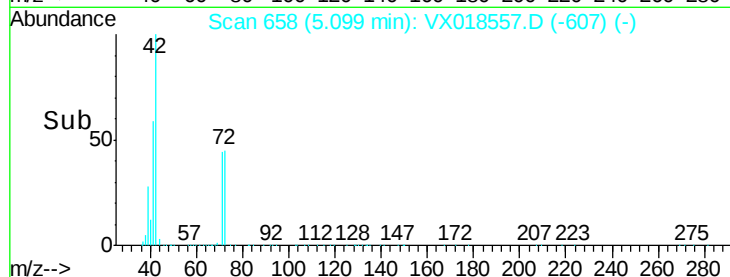
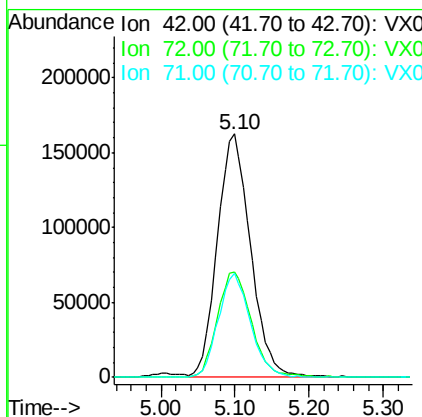
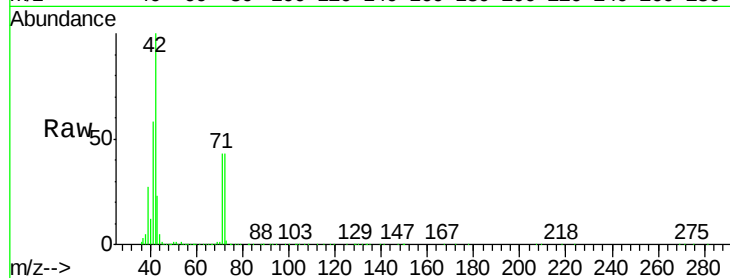
#29
Tetrahydrofuran
Concen: 229.820 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.3	51.5
71	41.3	32.1	48.1

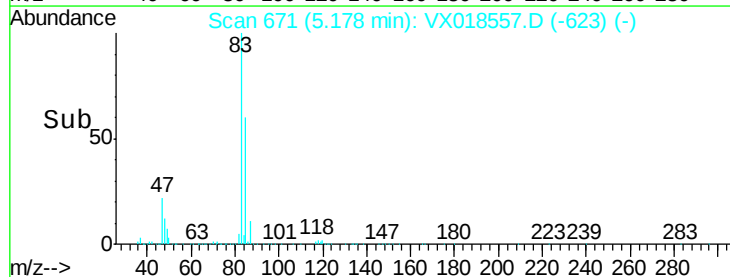
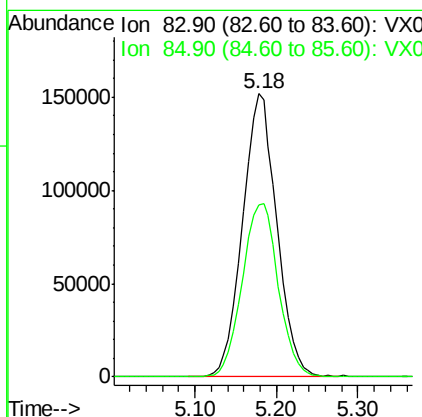
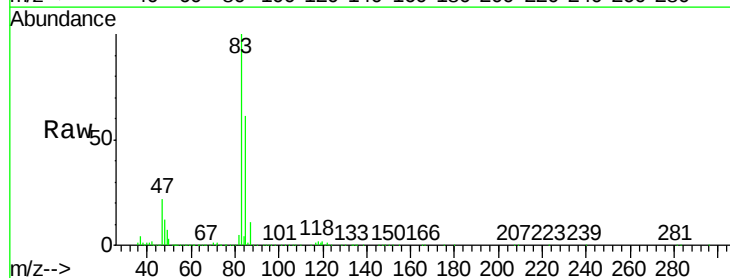
Manual Integrations
APPROVED

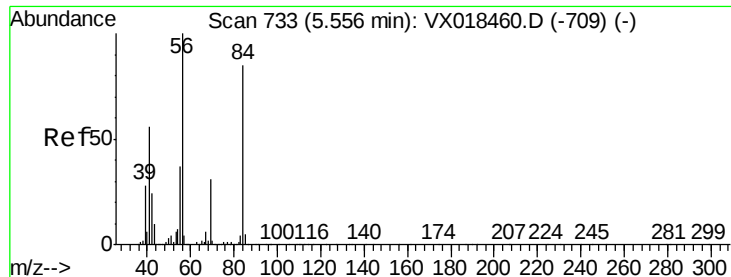
MMDadoda
9/24/2020 1:39:41 PM



#30
Chloroform
Concen: 52.259 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.8	50.6	76.0





#31

Cyclohexane

Concen: 47.999 ug/l

RT: 5.56 min Scan# 733

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

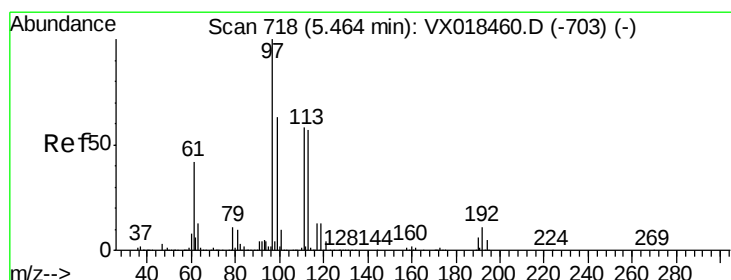
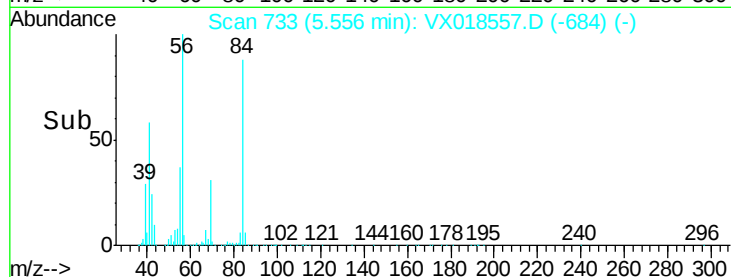
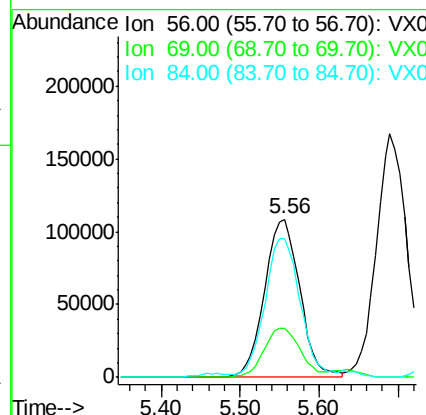
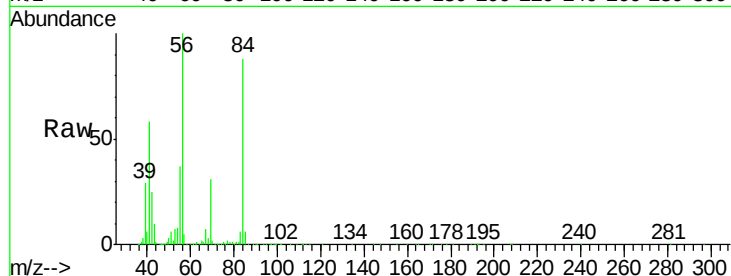
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
337657	56	100		
	69	30.8	24.8	37.2
	84	87.0	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.108 ug/l

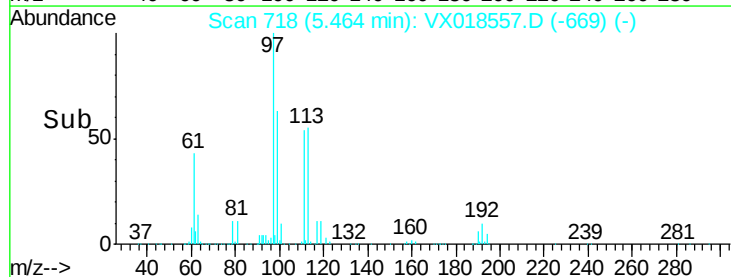
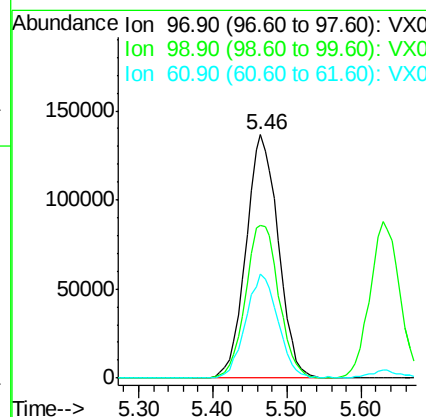
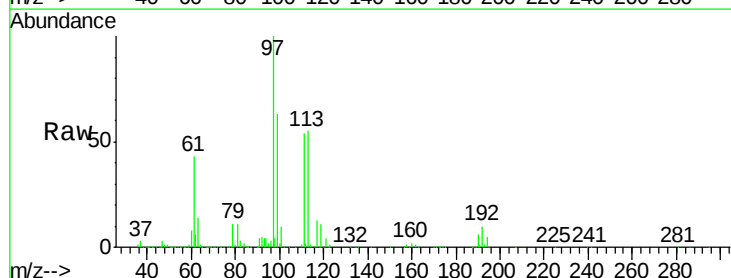
RT: 5.46 min Scan# 718

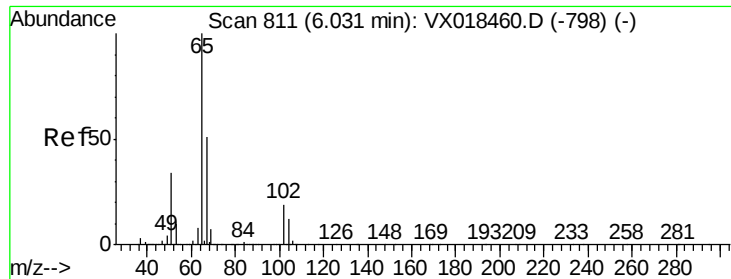
Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion	Ion	Ratio	Lower	Upper
414635	97	100		
	99	65.0	50.5	75.7
	61	42.8	33.4	50.2





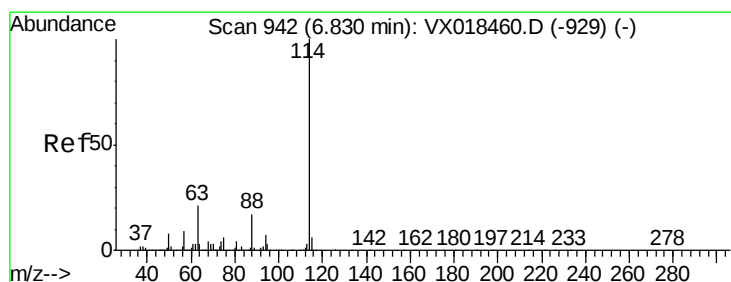
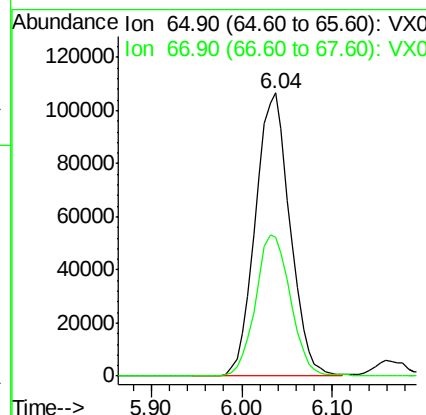
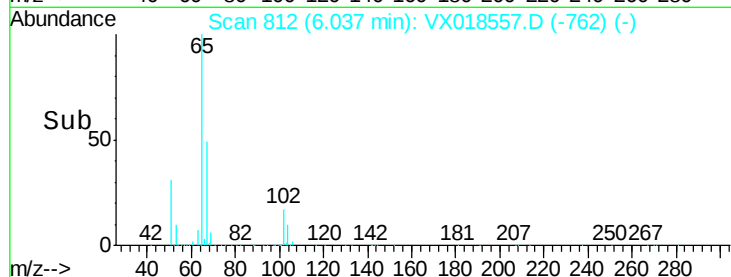
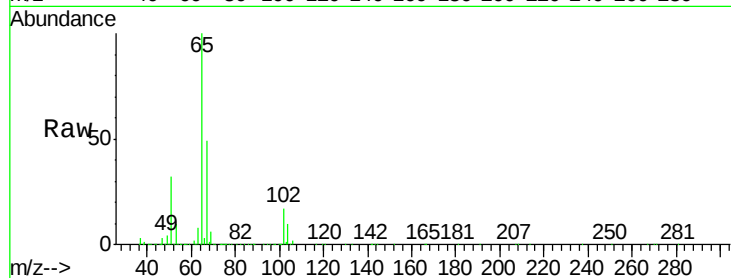
#33
 1,2-Dichloroethane-d4
 Concen: 48.580 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	282396		
67	50.4	0.0	105.6	

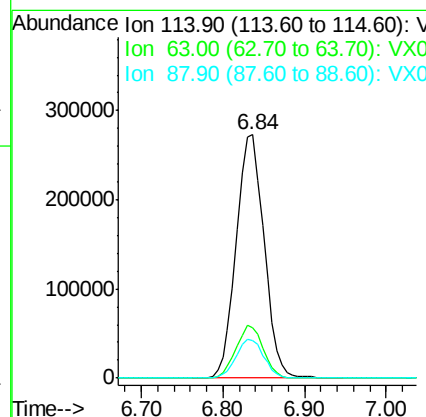
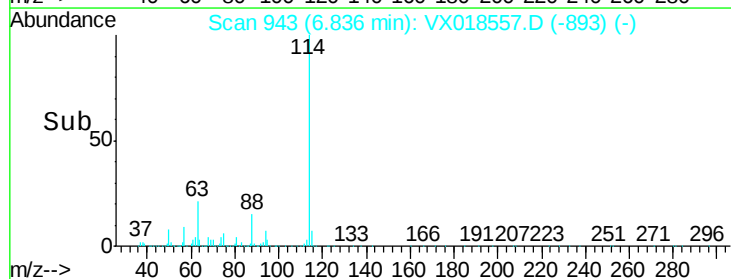
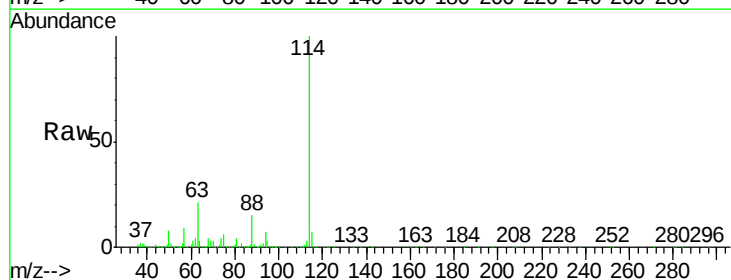
Manual Integrations
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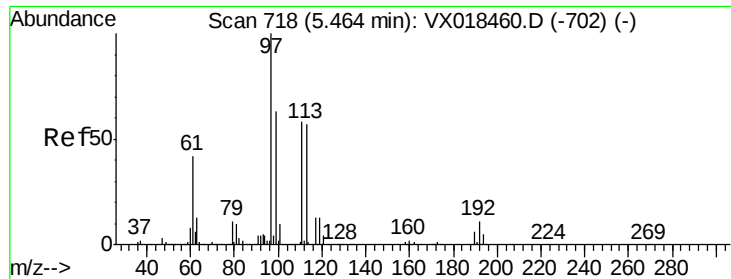
MMDadoda
 9/24/2020 1:39:41 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	645403		
63	20.6	0.0	42.8	
88	15.2	0.0	33.6	





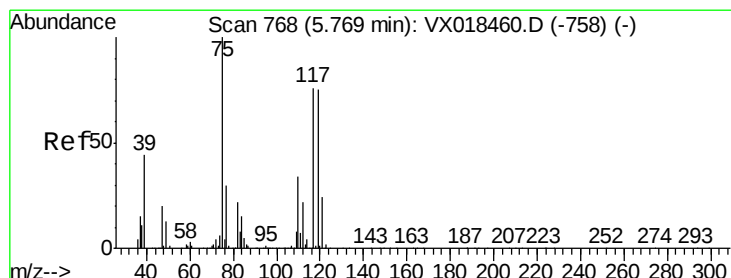
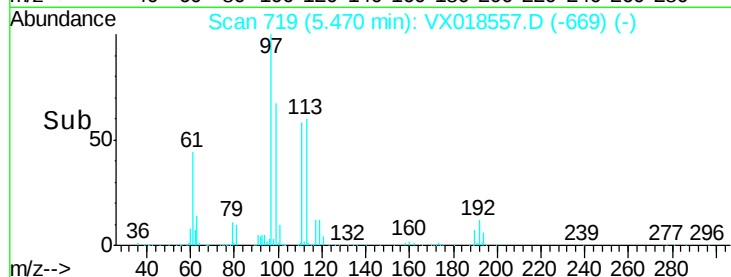
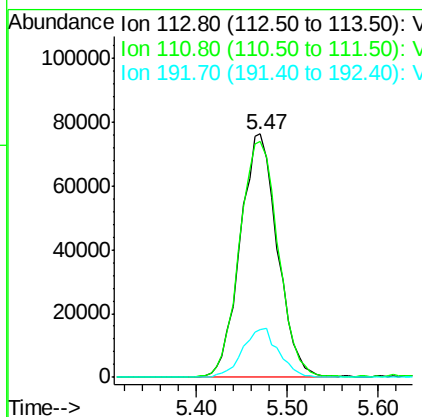
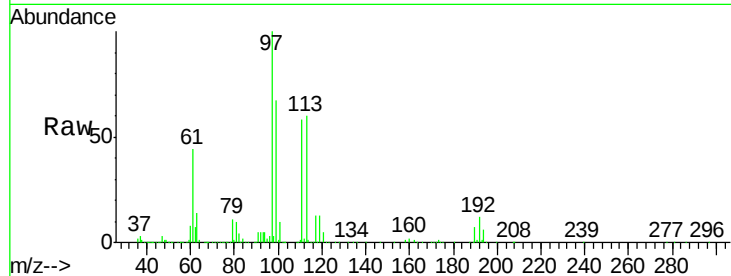
#35
 Dibromofluoromethane
 Concen: 48.696 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	217270		
111	101.2	81.4	122.2	
192	19.5	16.6	24.8	

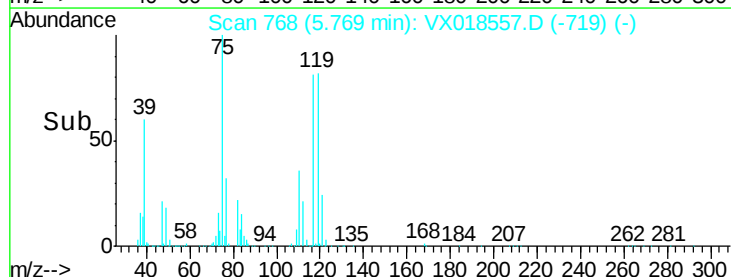
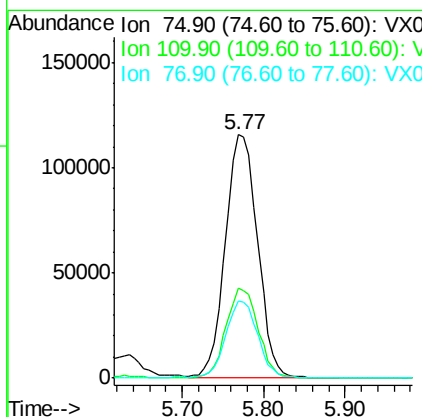
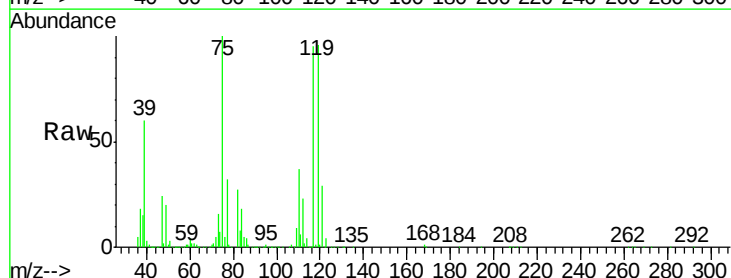
Manual Integrations
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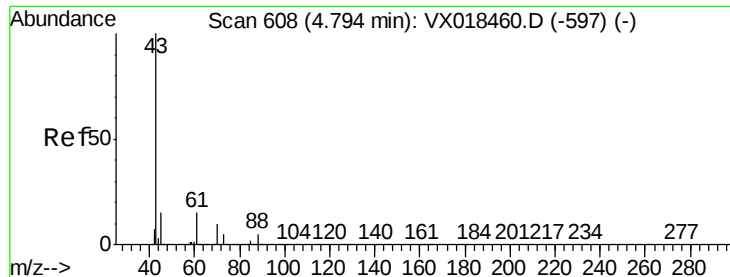
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 50.251 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	314791		
110	36.9	17.6	52.8	
77	31.4	25.0	37.6	





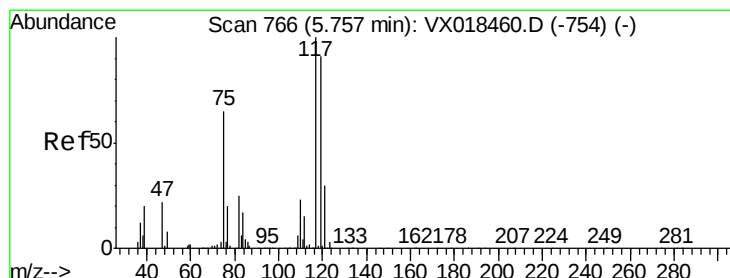
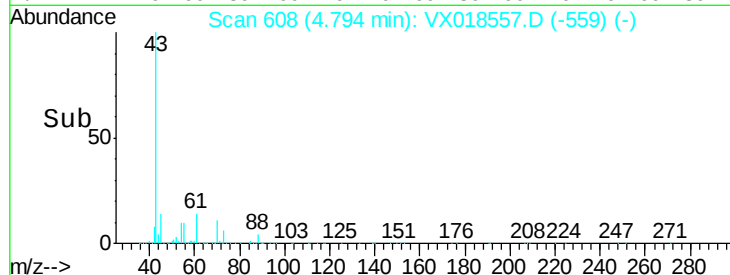
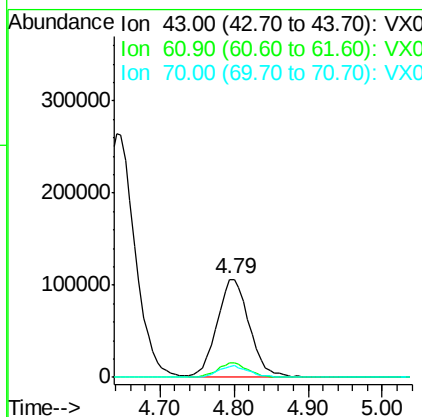
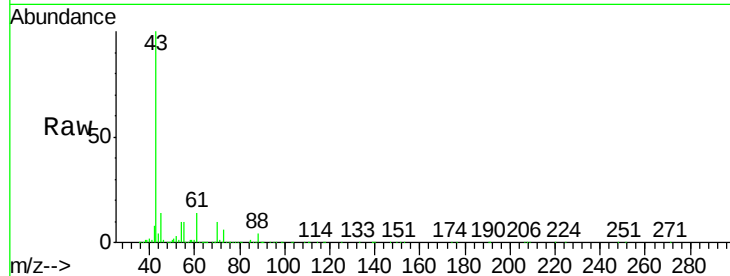
#37
Ethyl Acetate
Concen: 48.419 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.9	16.3
70	11.0	8.3	12.5

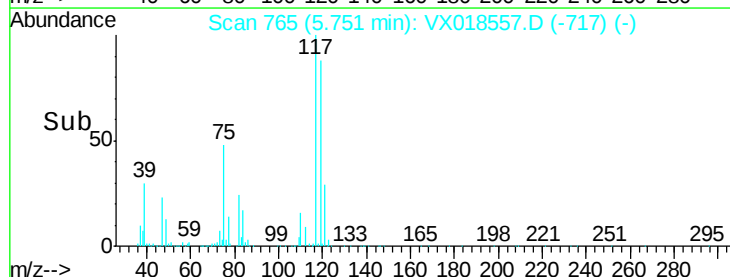
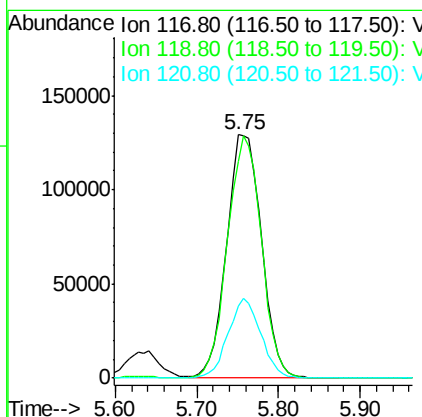
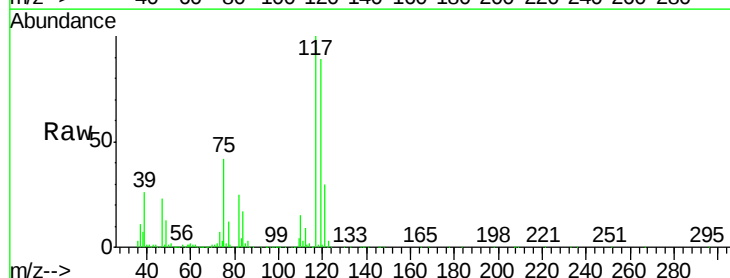
Manual Integrations
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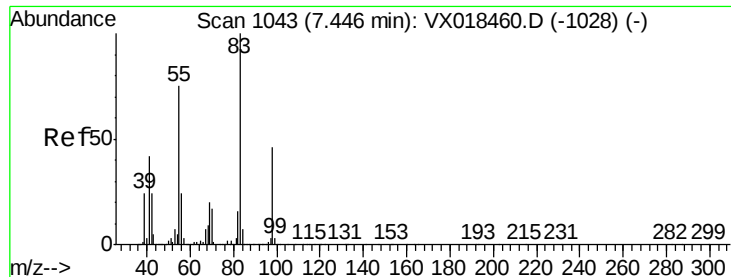
MMDadoda
9/24/2020 1:39:41 PM



#38
Carbon Tetrachloride
Concen: 55.231 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.1	72.3	108.5
121	29.5	23.8	35.8





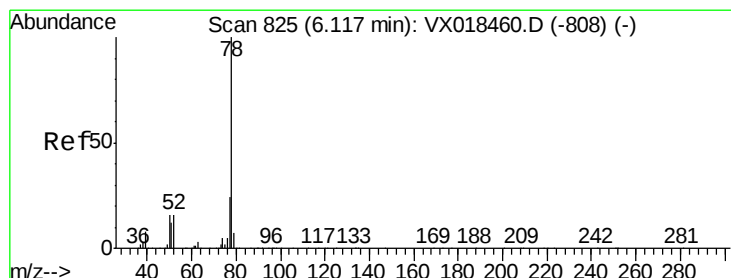
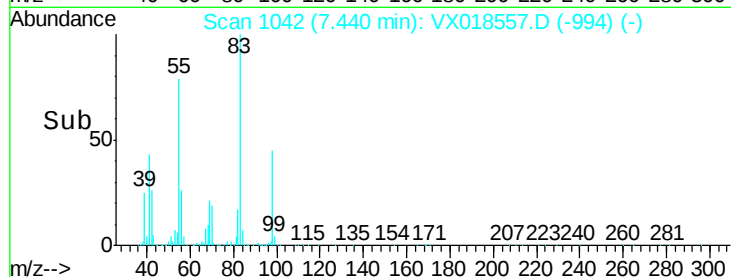
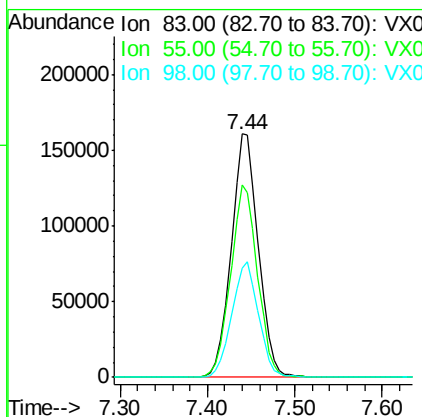
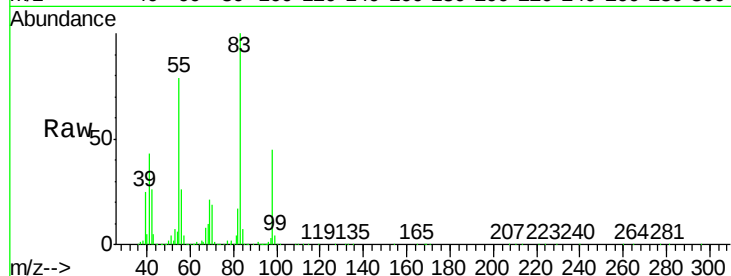
#39
Methvlcvclohexane
Concen: 49.172 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	346062		
55	79.1	60.2	90.4	
98	44.9	36.4	54.6	

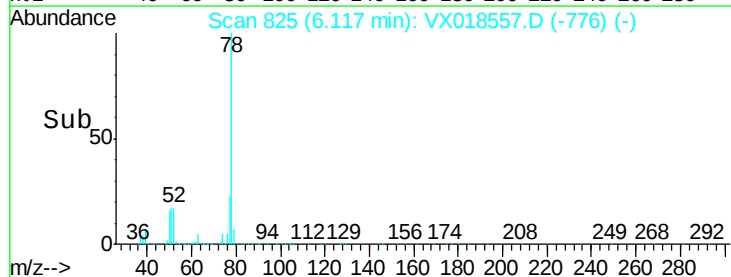
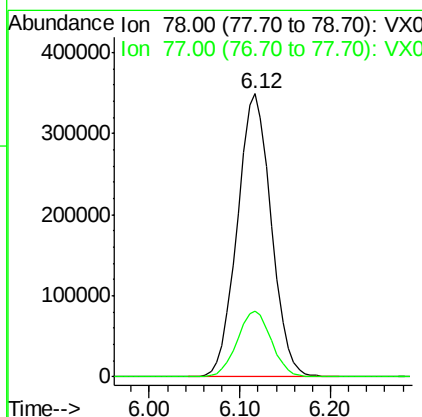
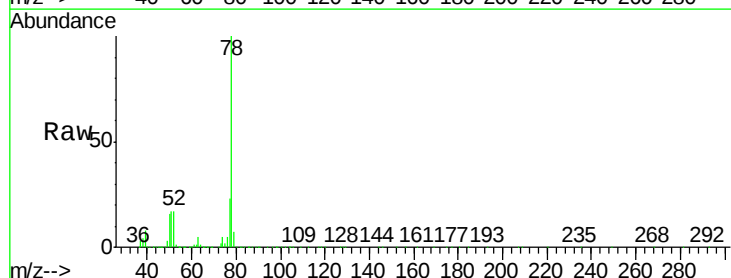
Manual Integrations
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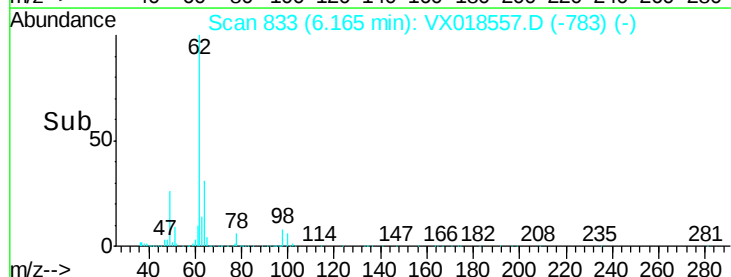
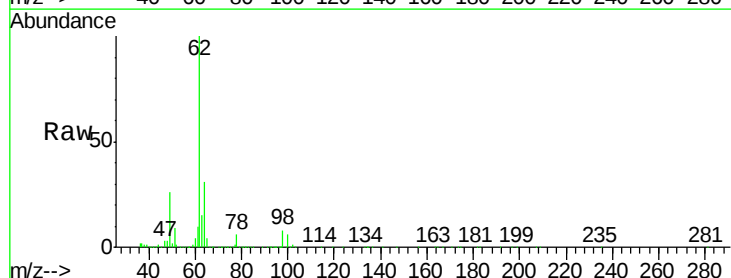
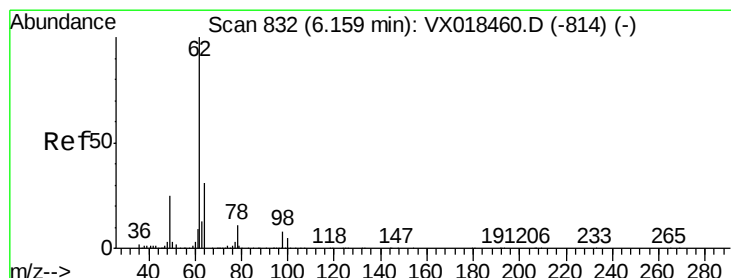
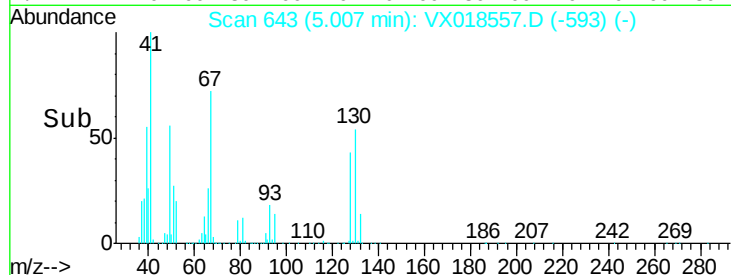
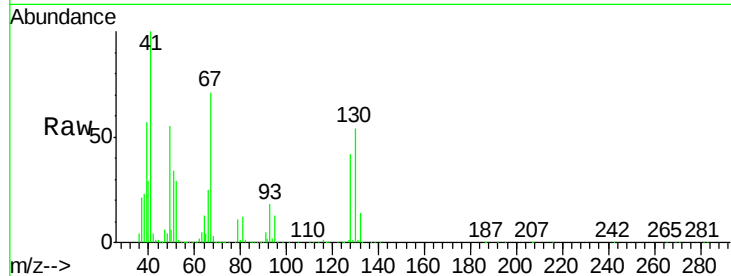
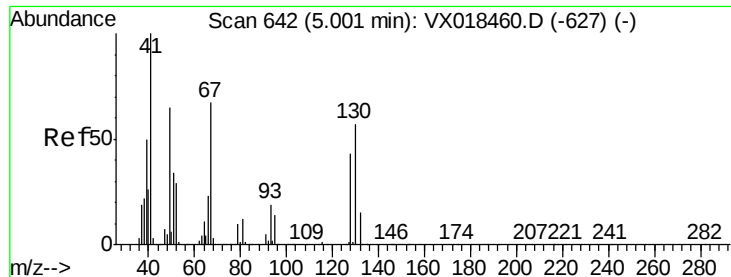
MMDadoda
9/24/2020 1:39:41 PM



#40
Benzene
Concen: 50.277 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

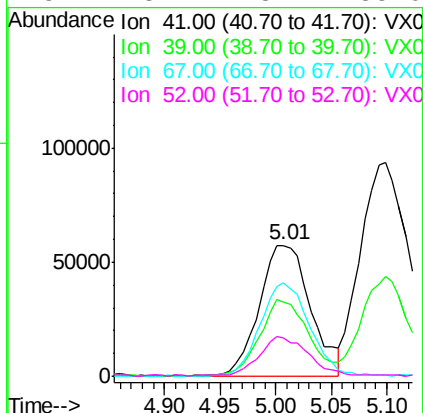
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	902596		
77	23.0	19.0	28.4	





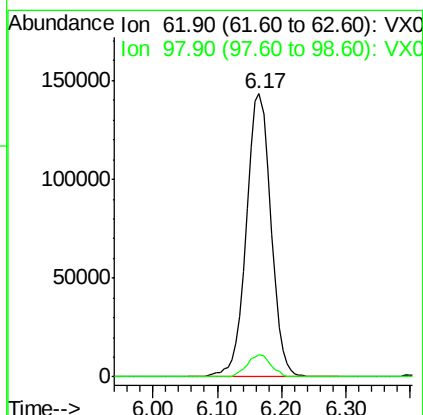
#41
Methacrylonitrile
Concen: 49.195 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	56.1	45.3	67.9	
67	69.0	56.7	85.1	
52	28.2	23.4	35.0	



#42
1,2-Dichloroethane
Concen: 53.626 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

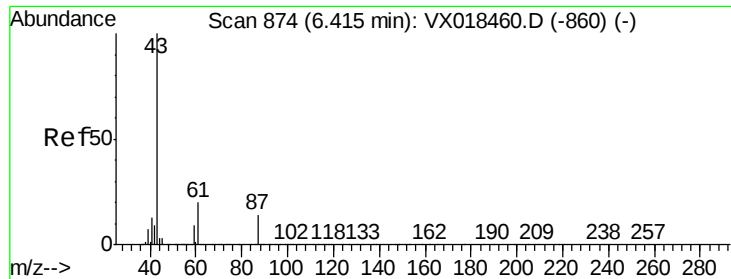
Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	7.7	0.0	16.6	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#43

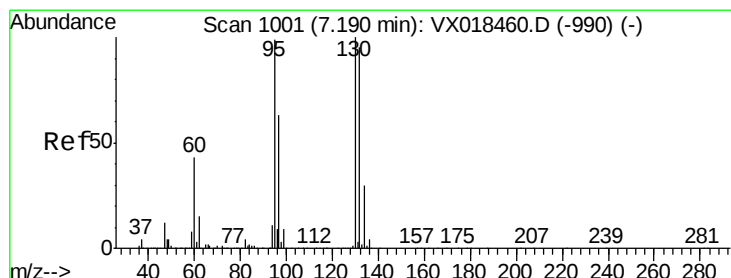
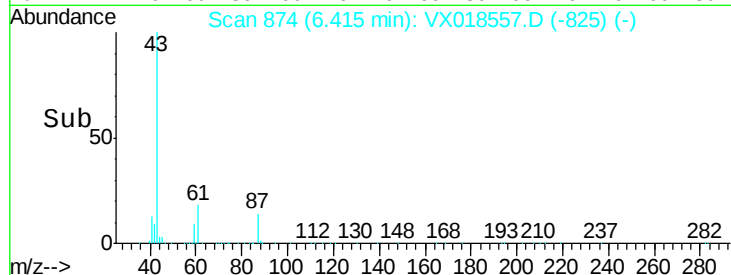
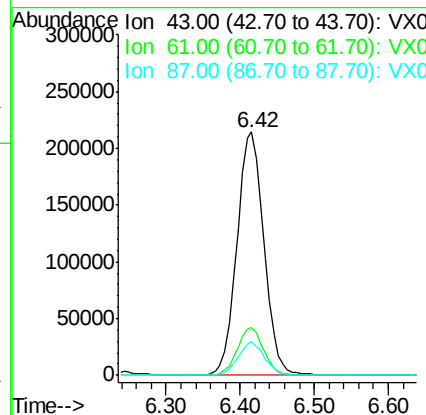
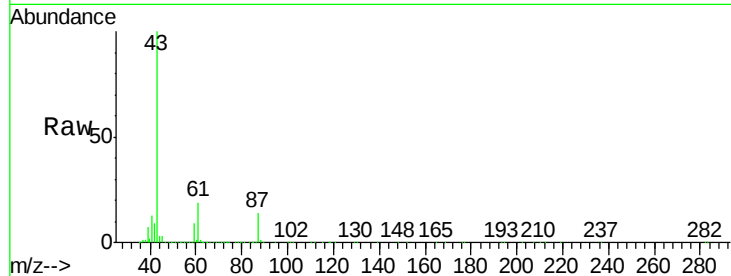
Isopropyl Acetate
 Concen: 48.906 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.7	23.5
87	13.4	10.4	15.6

Manual Integrations
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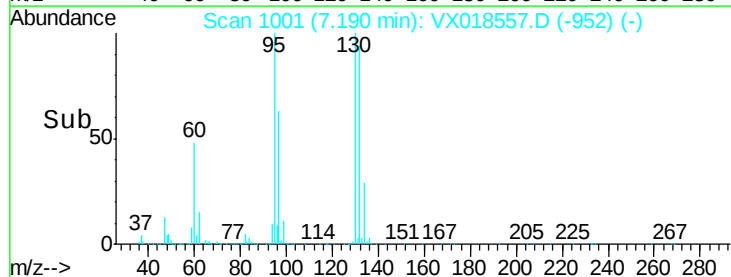
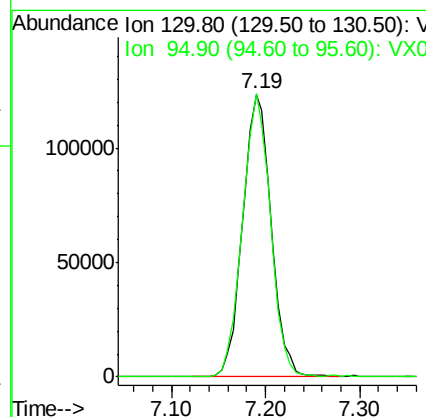
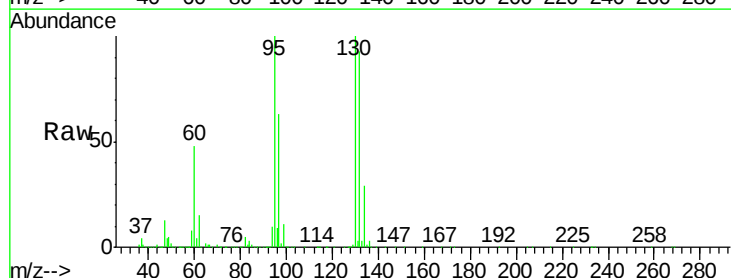
MMDadoda
 9/24/2020 1:39:41 PM

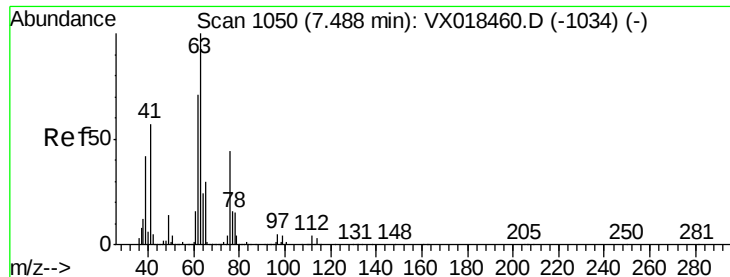


#44

Trichloroethene
 Concen: 50.208 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	197.4





#45

1,2-Dichloropropane

Concen: 48.532 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 239142

Ion Ratio Lower Upper

63 100

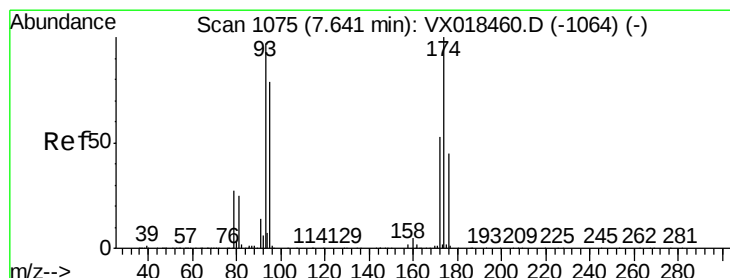
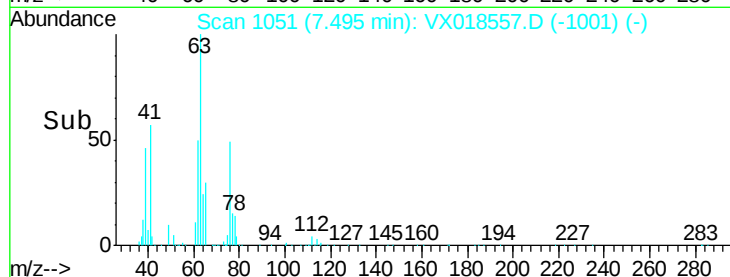
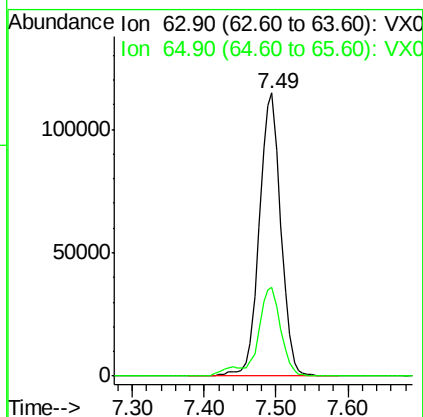
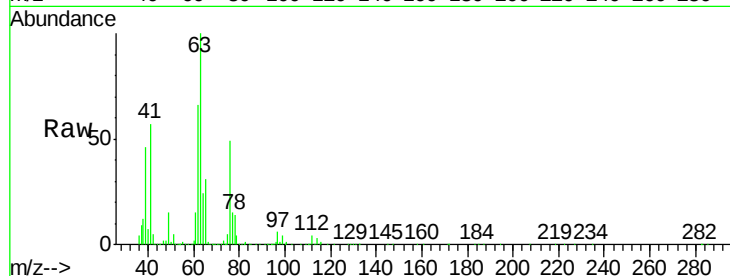
65 31.4 24.1 36.1

Manual Integrations

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#46

Dibromomethane

Concen: 50.765 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

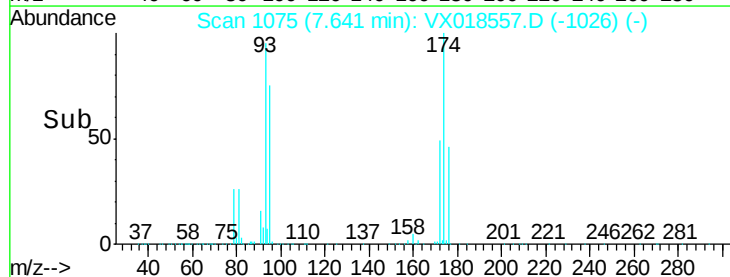
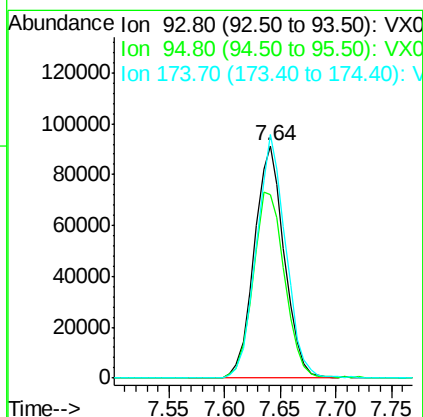
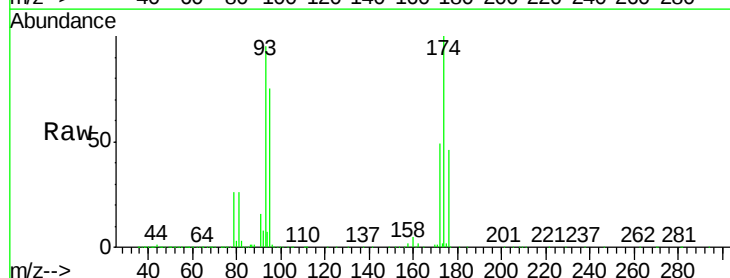
Tgt Ion: 93 Resp: 171858

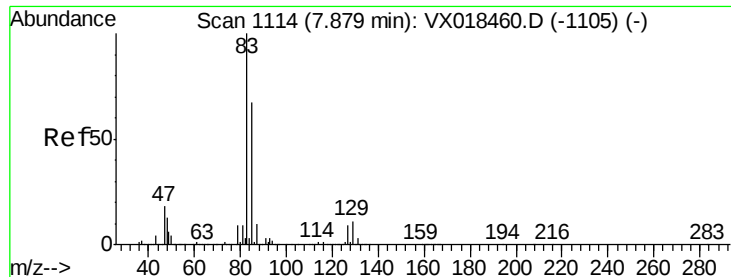
Ion Ratio Lower Upper

93 100

95 84.1 65.0 97.4

174 102.2 82.0 123.0





#47

Bromodichloromethane

Concen: 52.554 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

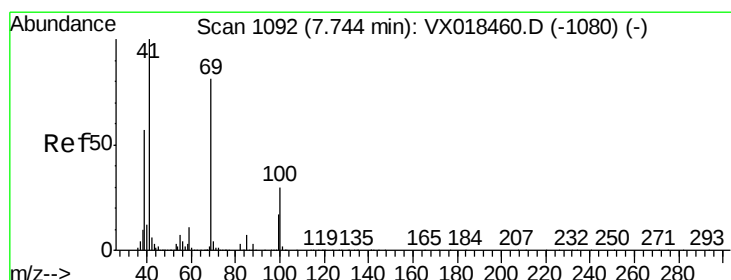
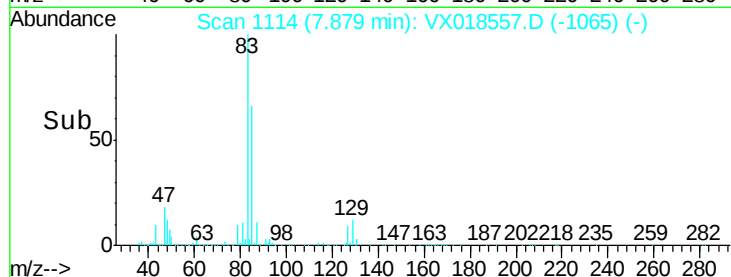
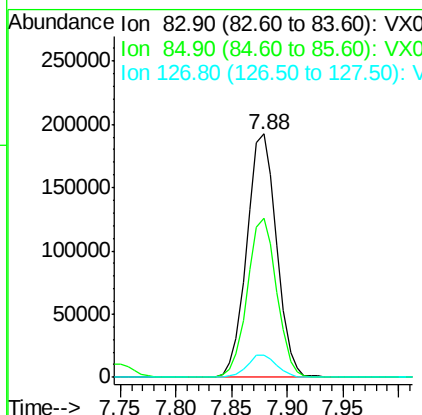
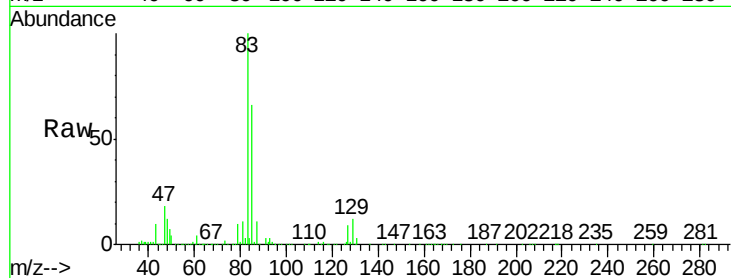
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	358558
Ion Ratio	Lower	Upper	
83	100		
85	65.5	53.3	79.9
127	9.3	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.786 ug/l

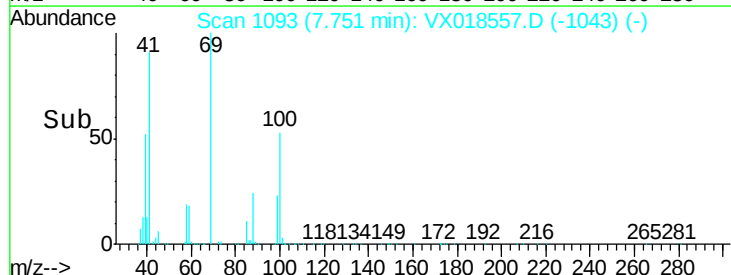
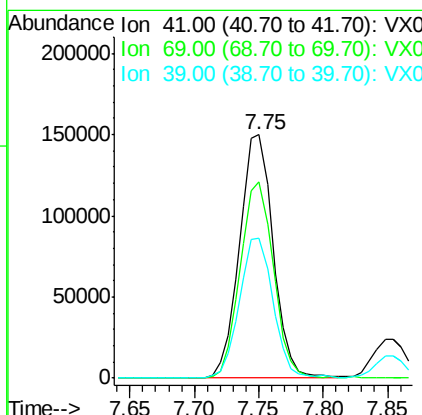
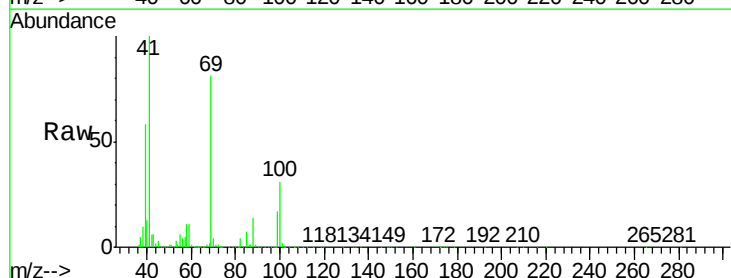
RT: 7.75 min Scan# 1093

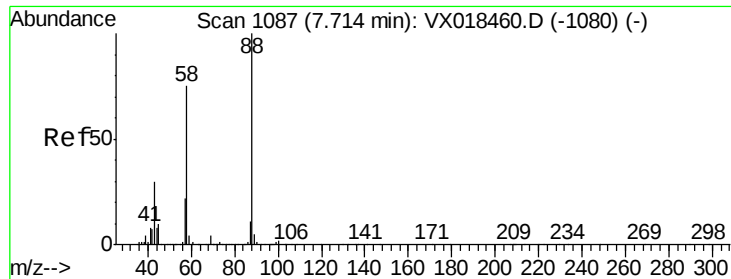
Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion:	41	Resp:	268996
Ion Ratio	Lower	Upper	
41	100		
69	80.5	63.7	95.5
39	57.9	45.0	67.4





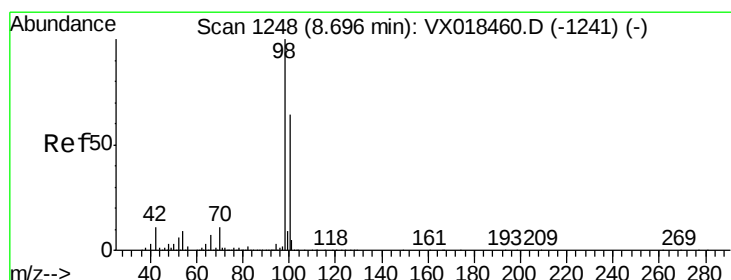
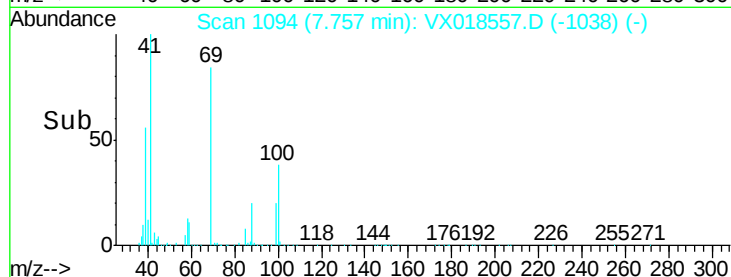
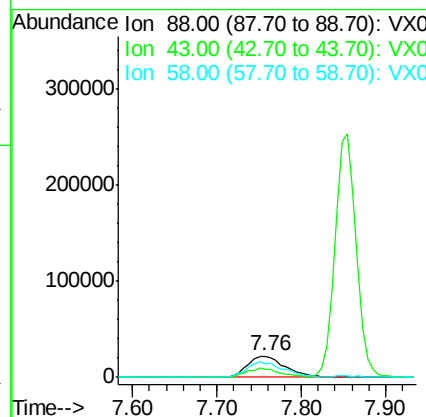
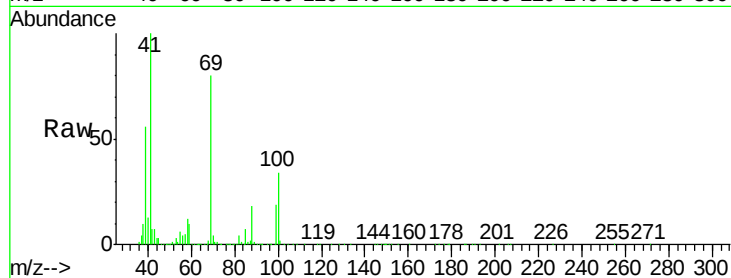
#49
1,4-Dioxane
Concen: 750.978 ug/l
RT: 7.76 min Scan# 1094
Delta R.T. 0.04 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.0	29.9	44.9
58	70.4	59.0	88.6

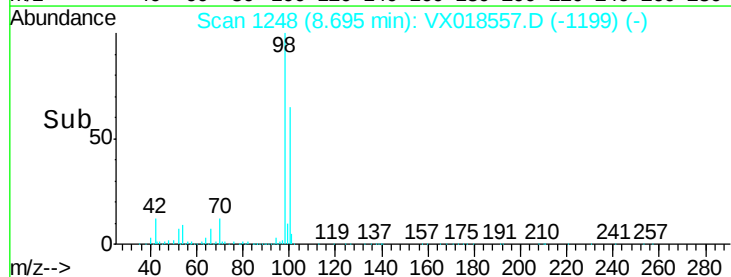
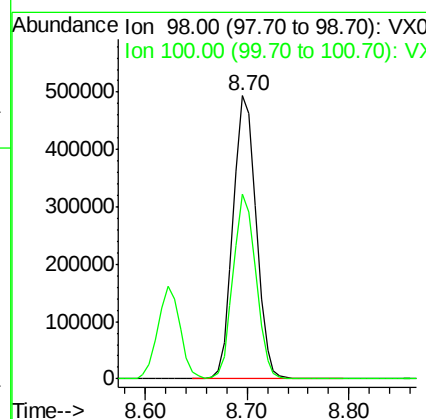
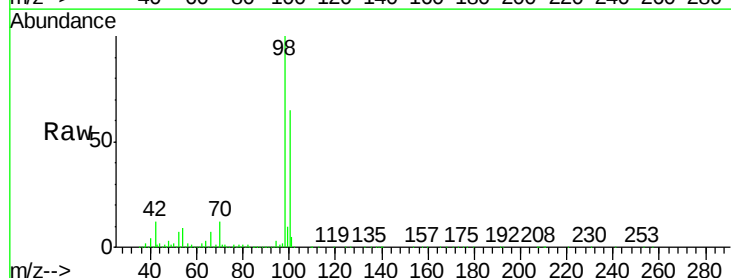
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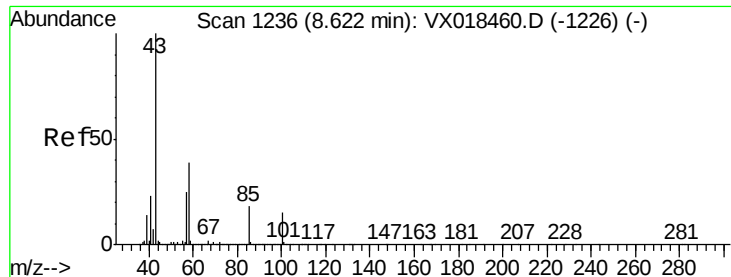
MMDadoda
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#50
Toluene-d8
Concen: 47.519 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5





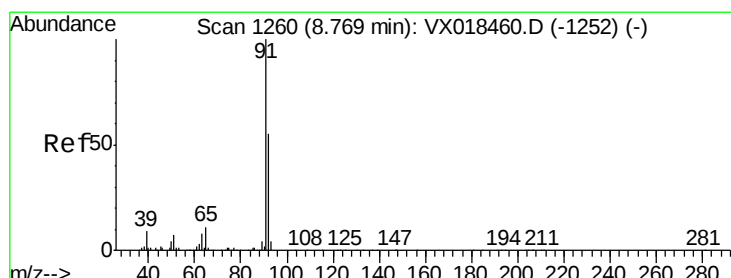
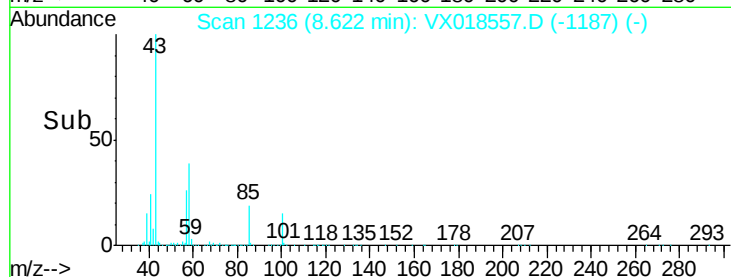
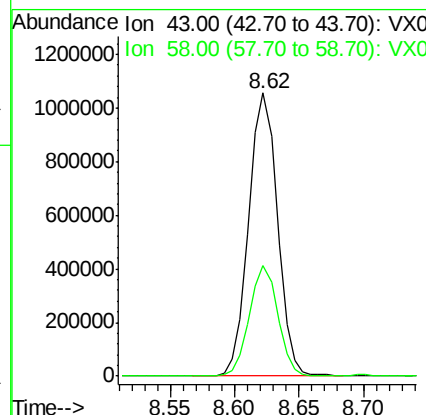
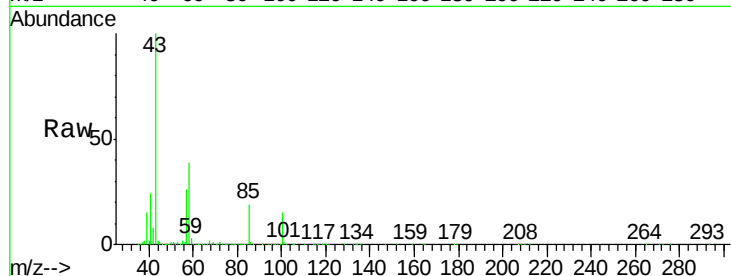
#51
4-Methyl-2-Pentanone
Concen: 246.616 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1629998
Ion Ratio Lower Upper
43 100
58 38.5 30.9 46.3

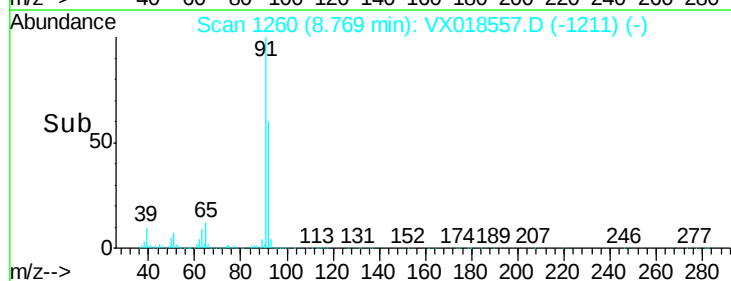
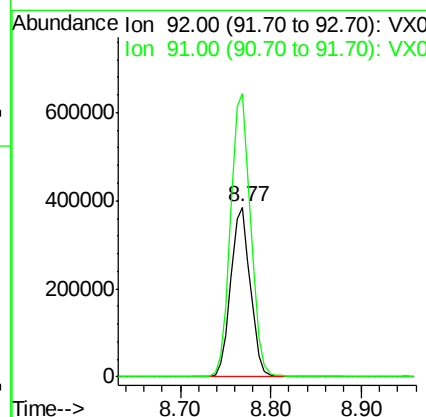
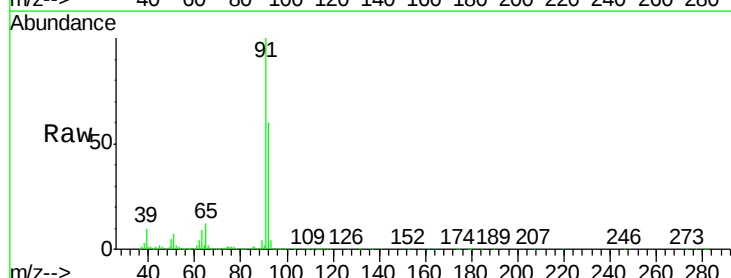
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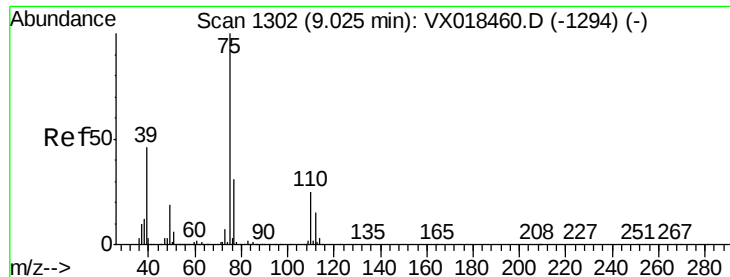
MMDadoda
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#52
Toluene
Concen: 51.146 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 92 Resp: 577806
Ion Ratio Lower Upper
92 100
91 170.8 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 49.850 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 386460

Ion Ratio Lower Upper

75 100

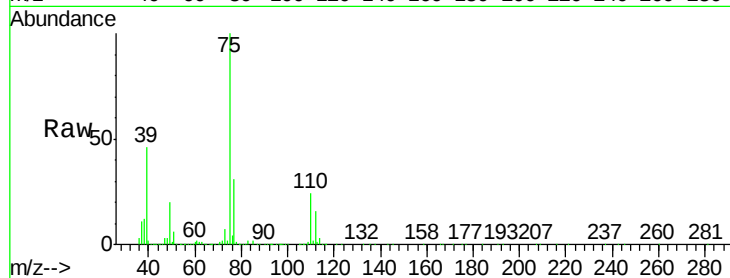
77 31.2 25.1 37.7

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

250000

200000

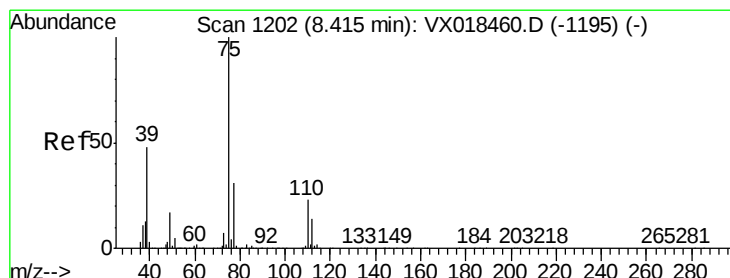
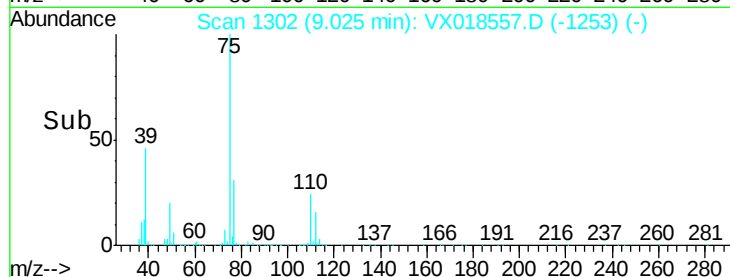
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.321 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

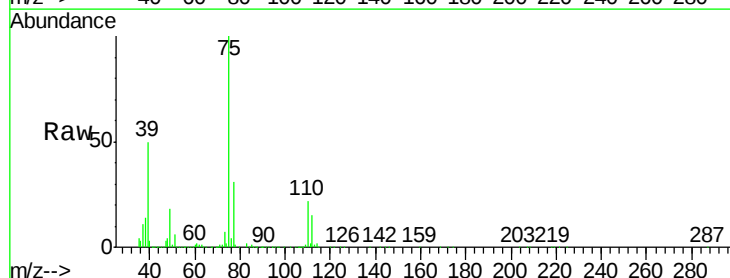
Tgt Ion: 75 Resp: 401892

Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 49.5 38.6 58.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

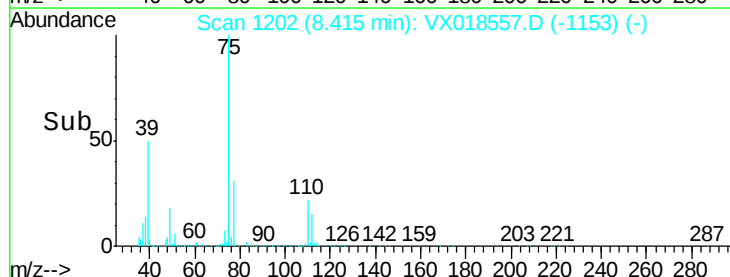
300000

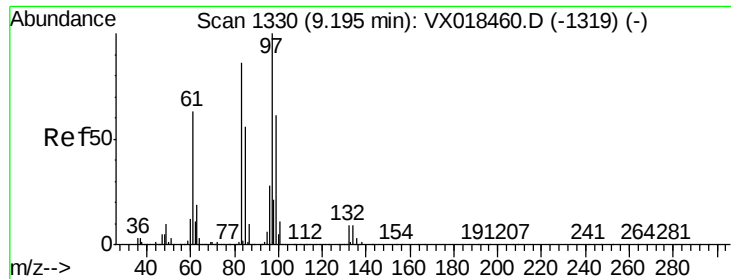
200000

100000

0

Time-->





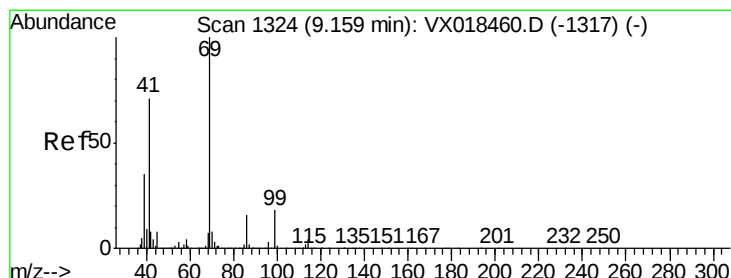
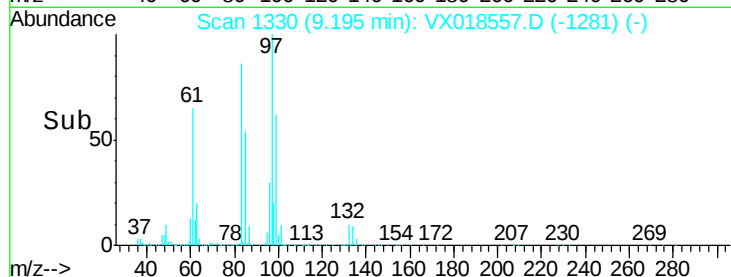
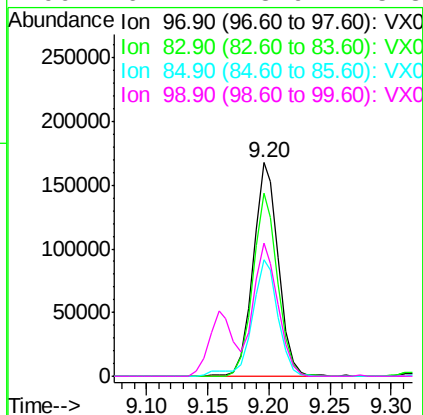
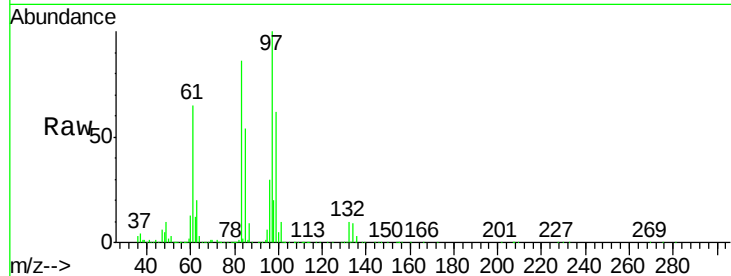
#55
 1,1,2-Trichloroethane
 Concen: 51.220 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		240104		
83	85.5	68.5	102.7		
85	54.3	44.8	67.2		
99	62.2	48.9	73.3		

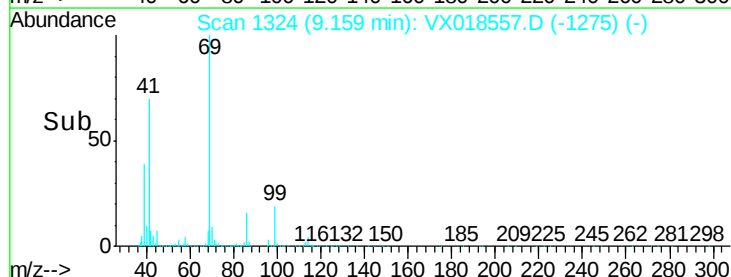
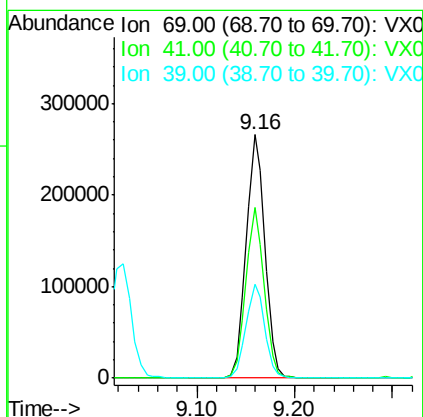
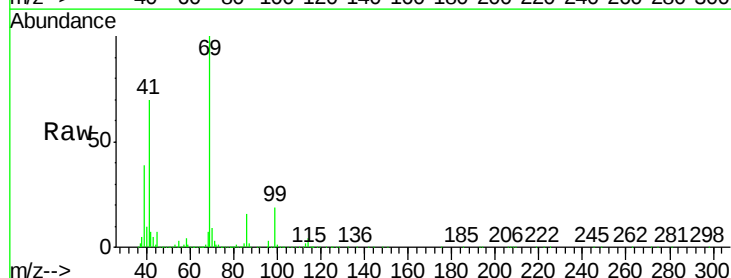
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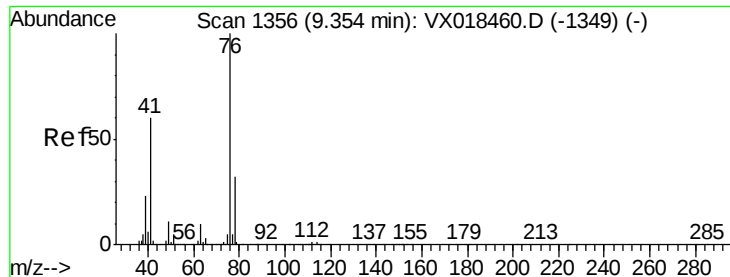
MMDadoda
 9/24/2020 1:39:41 PM



#56
 Ethyl methacrylate
 Concen: 51.062 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		354920		
41	68.4	54.6	81.8		
39	38.5	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 50.887 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 400784

Ion Ratio Lower Upper

76 100

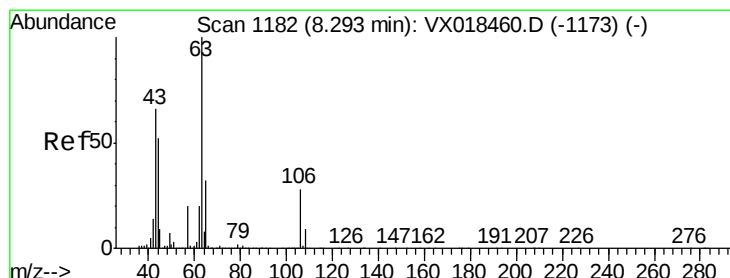
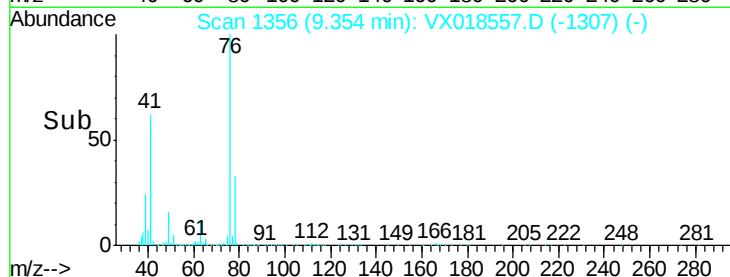
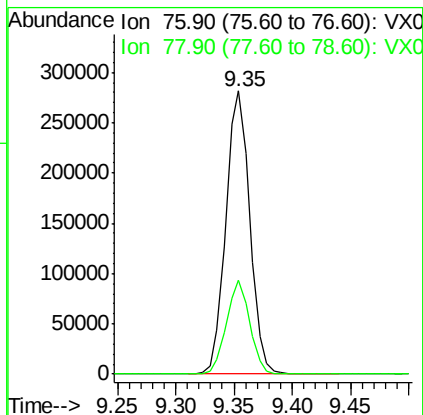
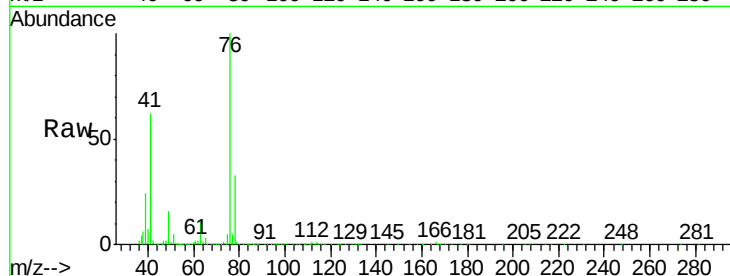
78 32.2 25.6 38.4

Manual Integrations

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9/24/2020 1:39:41 PM



#58

2-Chloroethyl Vinyl ether

Concen: 238.713 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018557.D

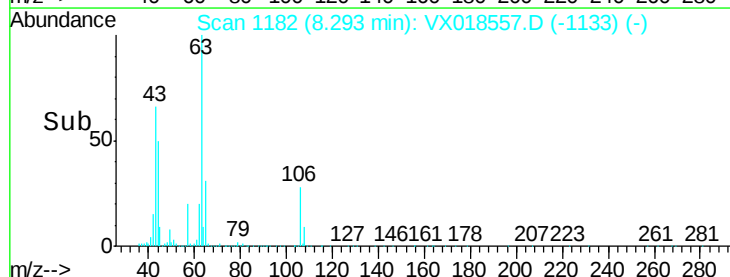
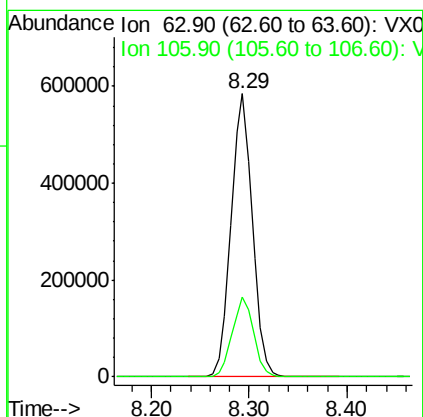
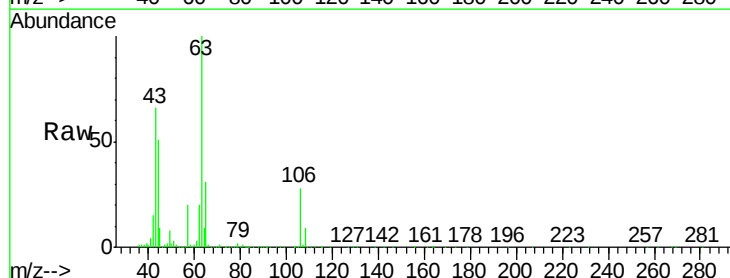
Acq: 23 Sep 2020 23:59

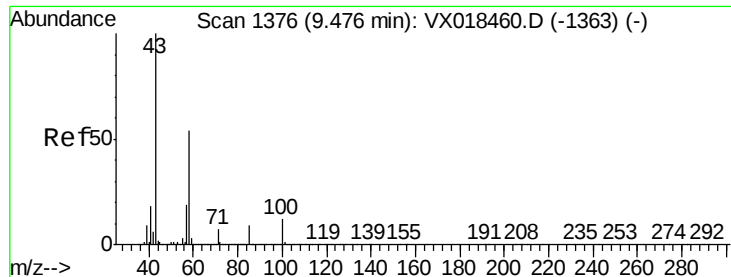
Tgt Ion: 63 Resp: 882163

Ion Ratio Lower Upper

63 100

106 28.3 22.2 33.2





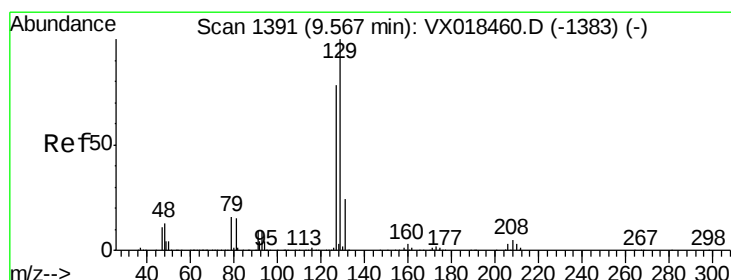
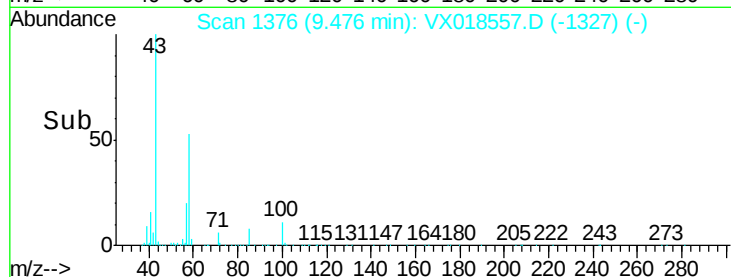
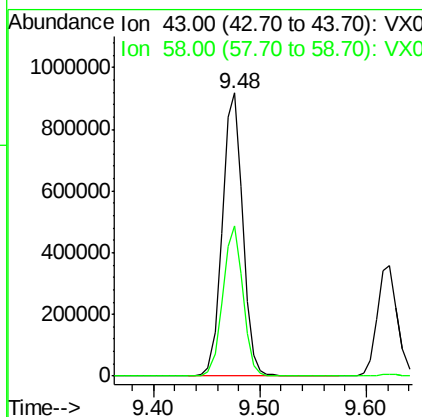
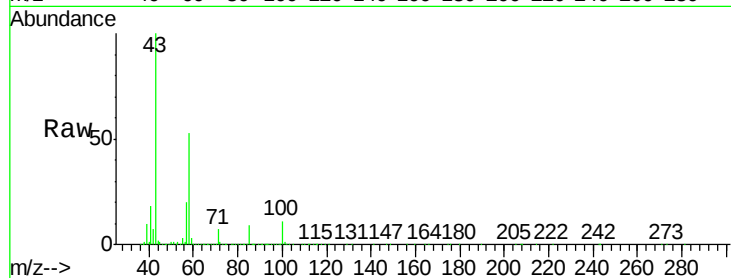
#59
2-Hexanone
Concen: 244.196 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1227626
Ion Ratio Lower Upper
43 100
58 52.5 26.5 79.4

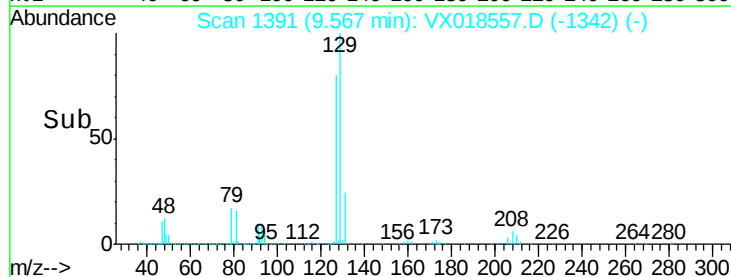
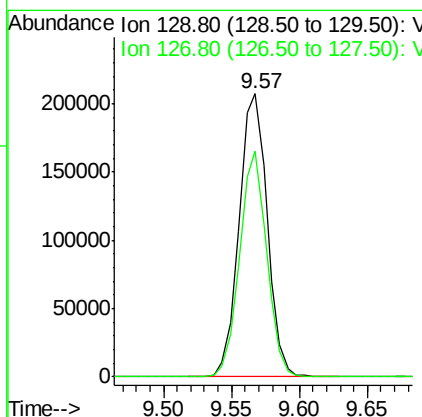
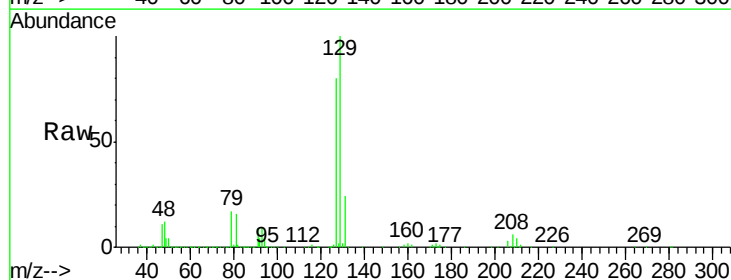
Manual Integrations
APPROVED

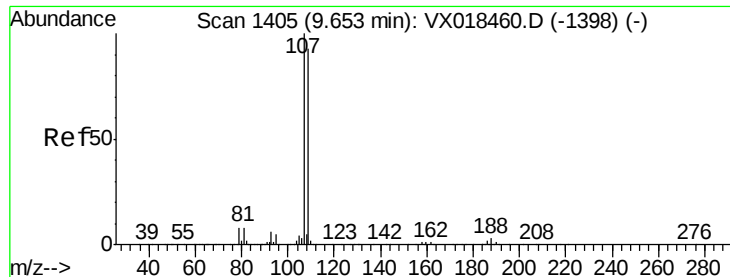
MMDadoda
9/24/2020 1:39:41 PM



#60
Dibromochloromethane
Concen: 53.468 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 129 Resp: 298870
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.474 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 256735

Ion Ratio Lower Upper

107 100

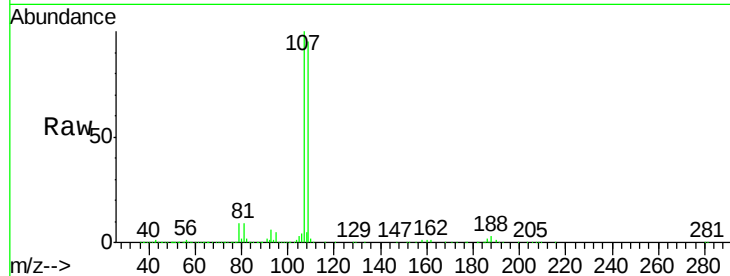
109 94.9 75.9 113.9

Manual Integrations

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MMDadoda

9/24/2020 1:39:41 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

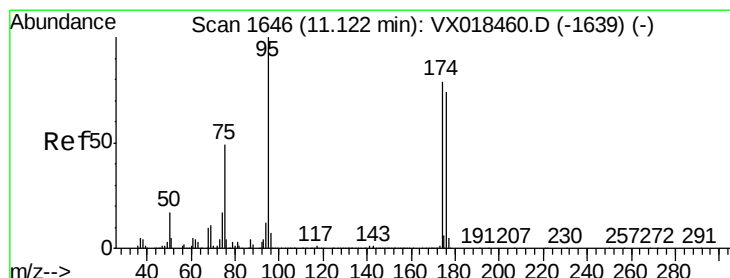
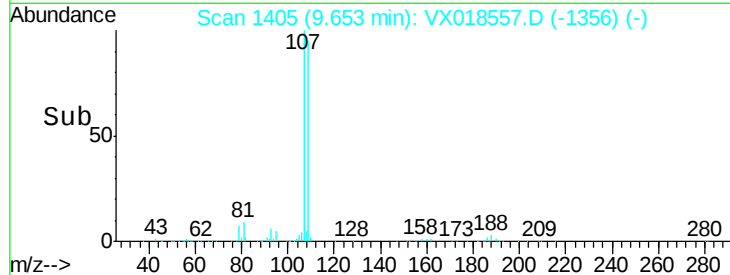
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.877 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

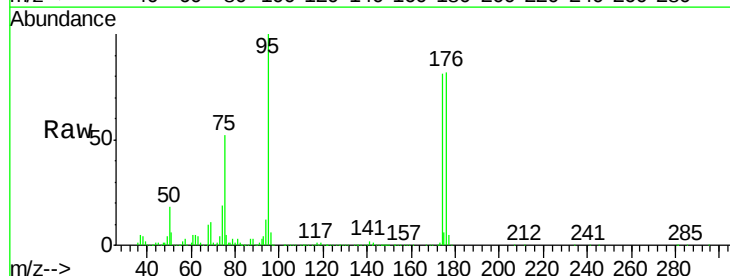
Tgt Ion: 95 Resp: 295831

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.4

176 77.0 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

300000

250000

200000

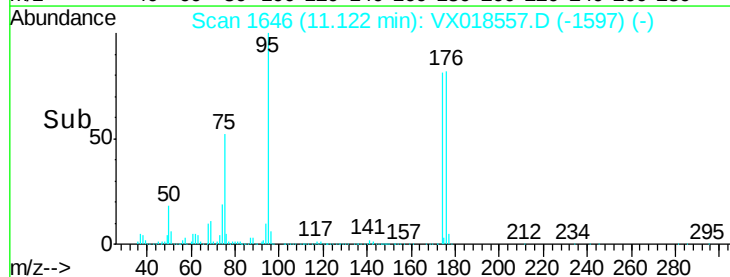
150000

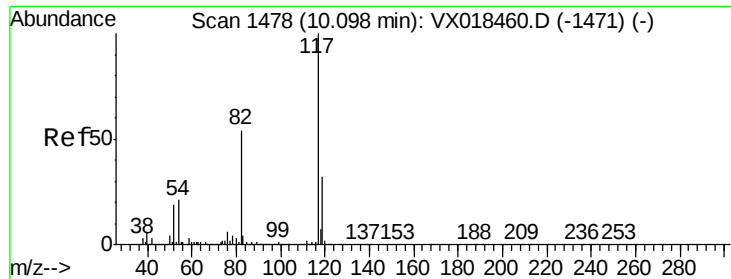
100000

50000

0

Time-->





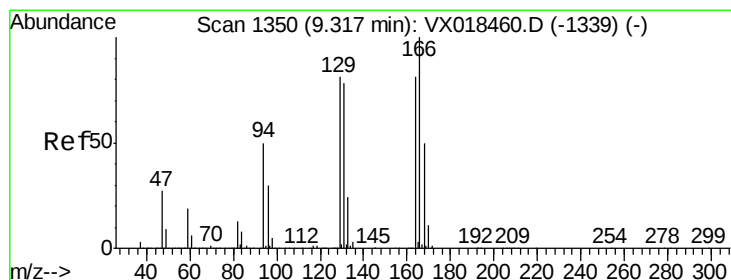
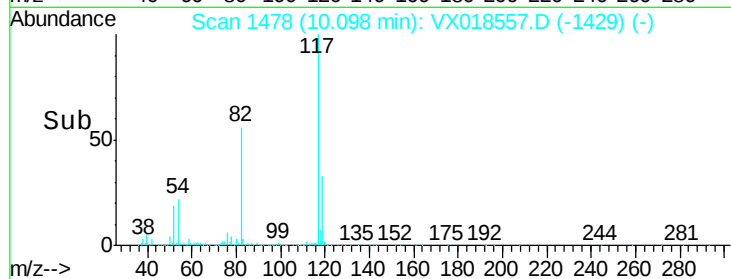
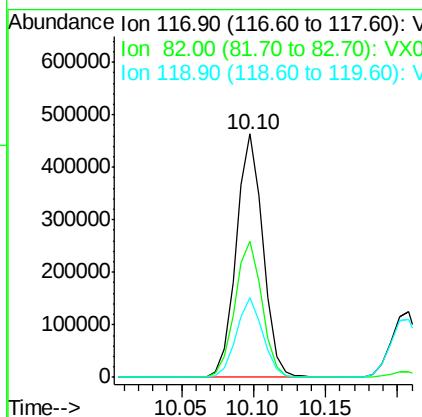
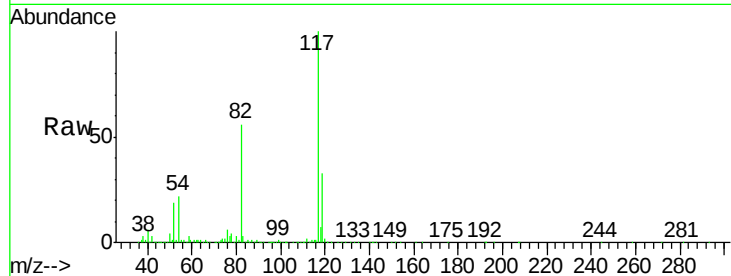
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	598586		
82	55.7	43.3	64.9	
119	32.6	25.9	38.9	

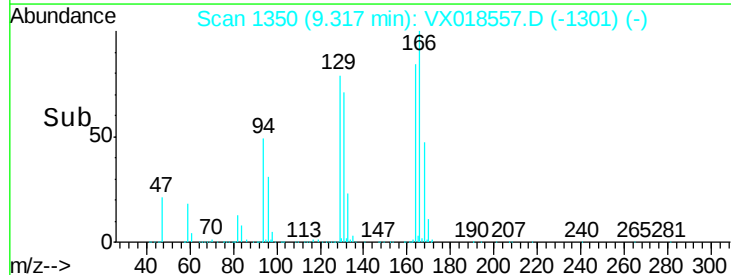
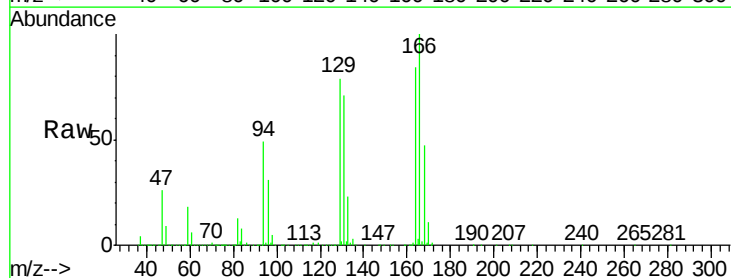
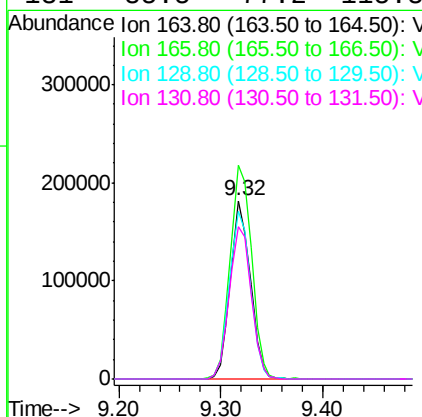
Manual Integrations
APPROVED

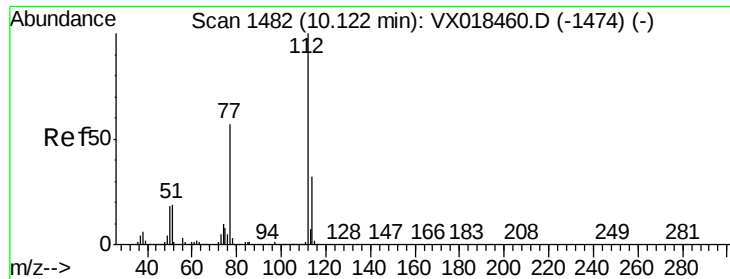
MMDadoda
9/24/2020 1:39:41 PM



#64
Tetrachloroethene
Concen: 52.340 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	246656		
166	119.7	99.3	148.9	
129	94.1	80.7	121.1	
131	85.5	77.2	115.8	





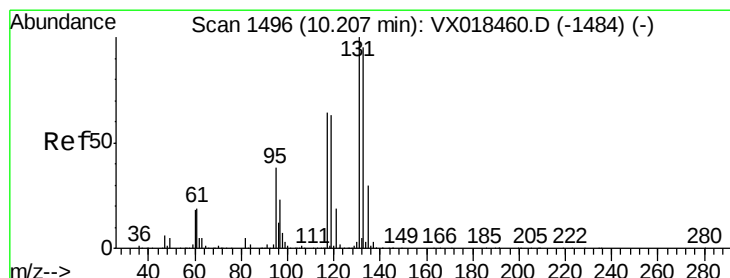
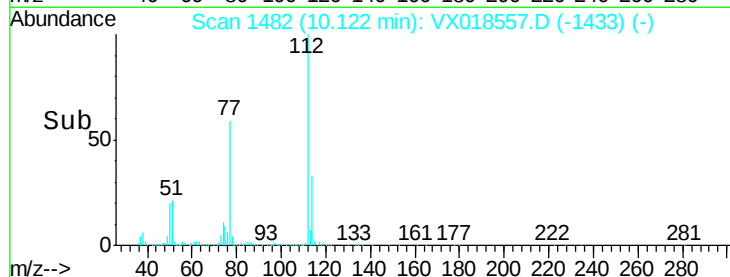
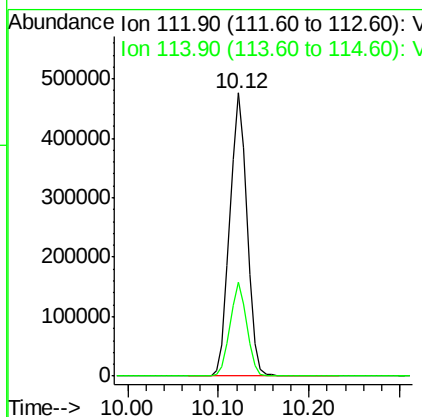
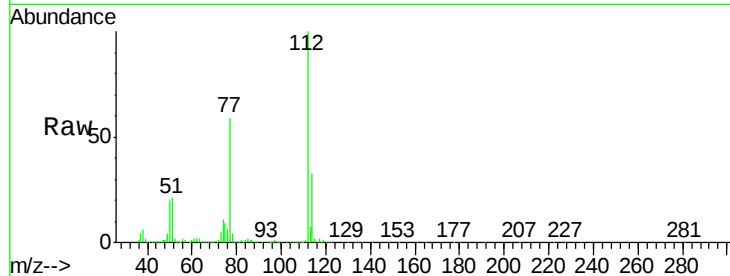
#65
Chlorobenzene
Concen: 51.198 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.4	38.0

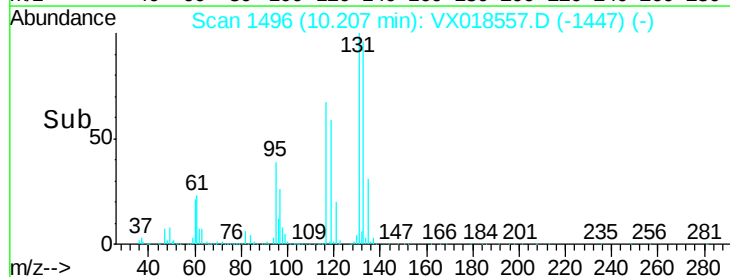
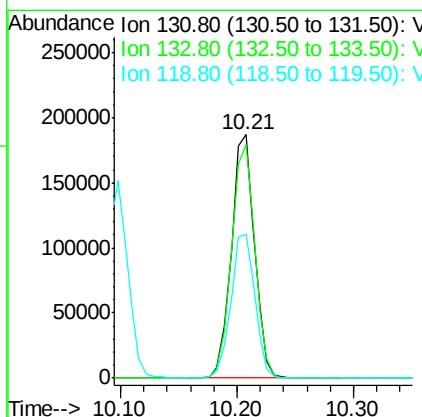
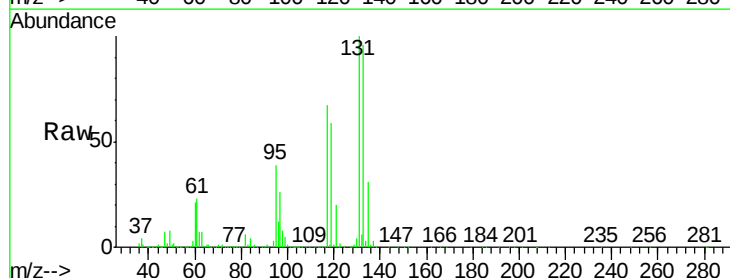
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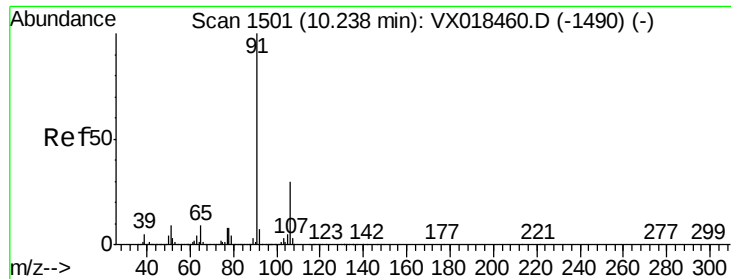
MMDadoda
9/24/2020 1:39:41 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.278 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.3	47.8	143.4
119	61.5	31.9	95.7





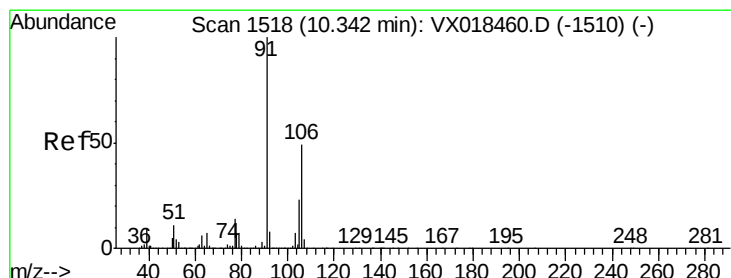
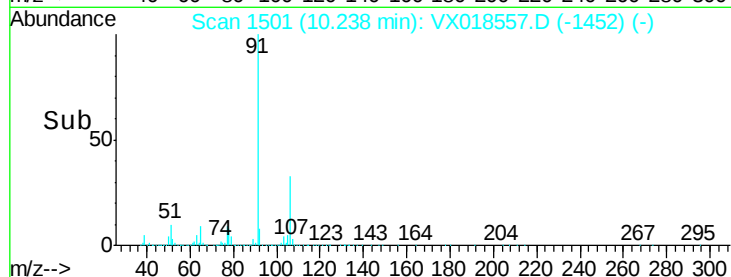
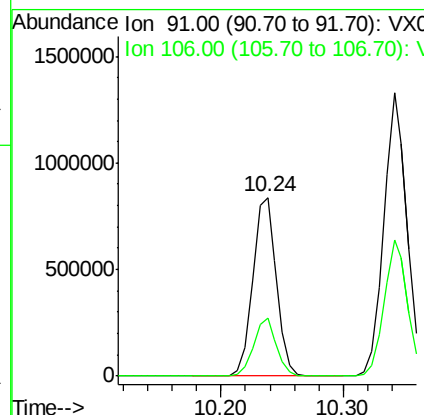
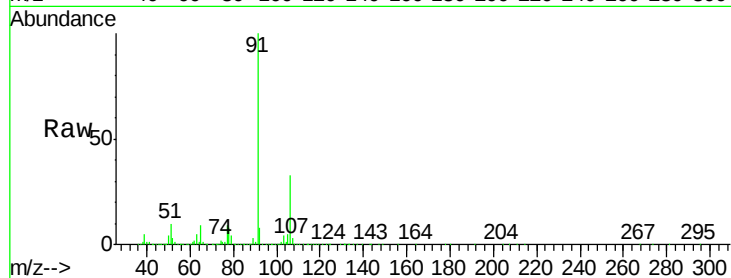
#67
Ethyl Benzene
Concen: 52.661 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1123486
Ion Ratio Lower Upper
91 100
106 32.6 24.1 36.1

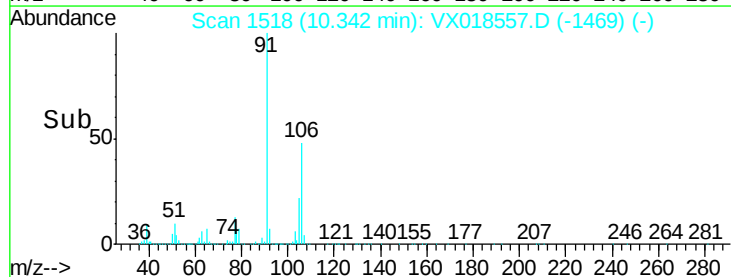
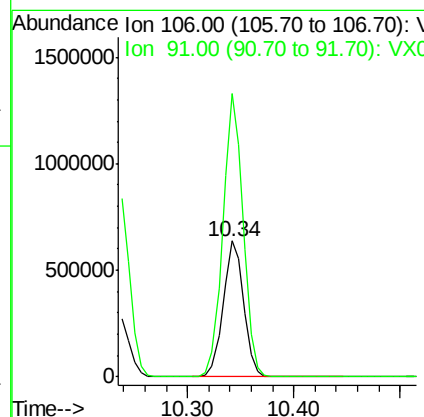
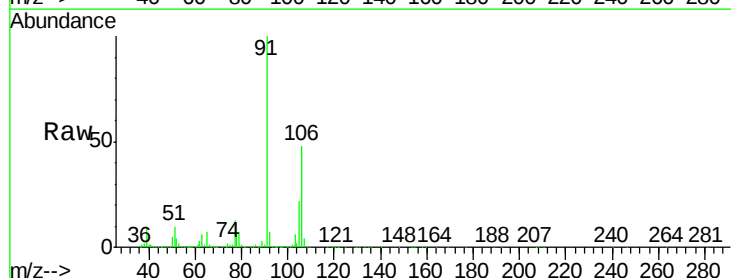
Manual Integrations
APPROVED

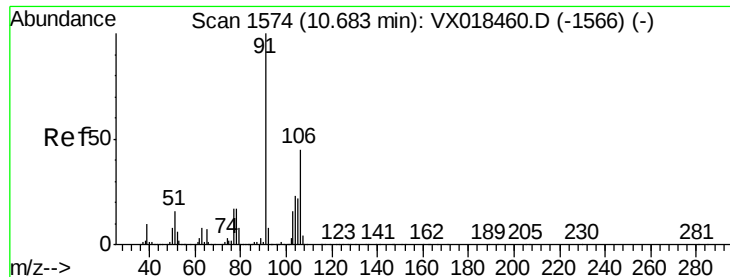
MMDadoda
9/24/2020 1:39:41 PM



#68
m/p-Xylenes
Concen: 105.339 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 106 Resp: 850133
Ion Ratio Lower Upper
106 100
91 205.2 163.8 245.6





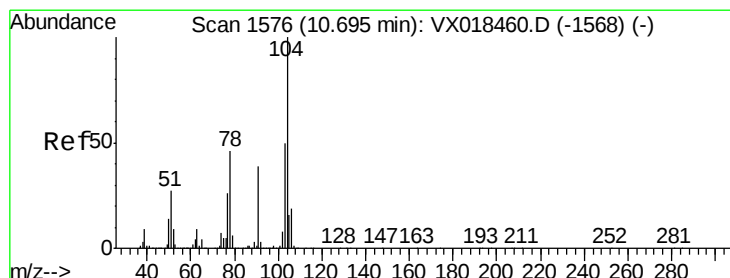
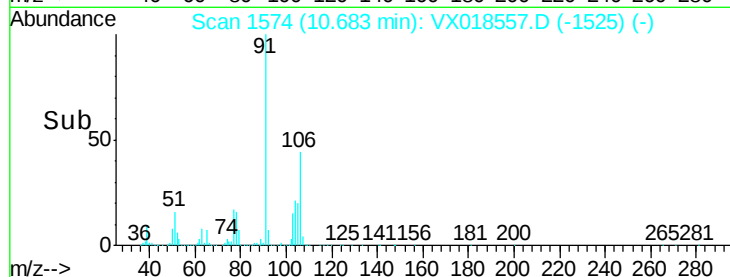
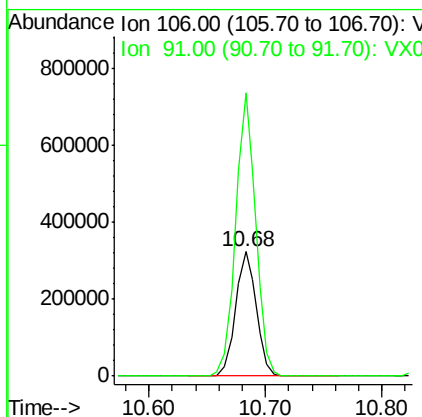
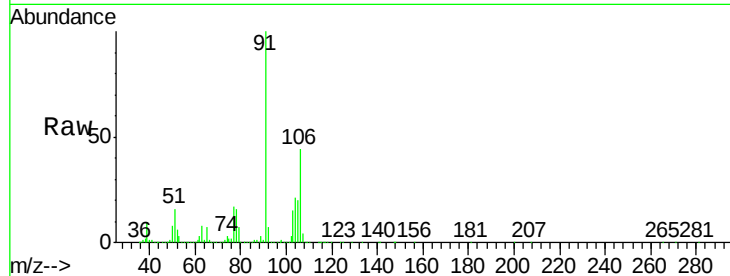
#69
o-Xylene
Concen: 52.414 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.7	109.7	329.0

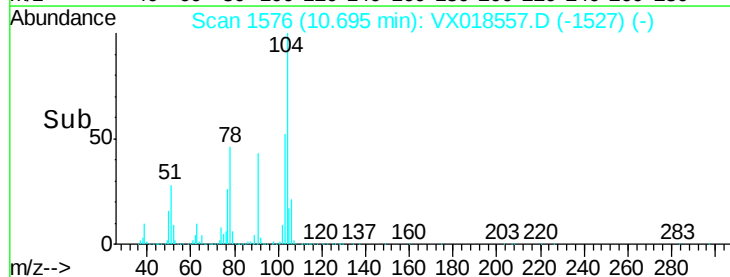
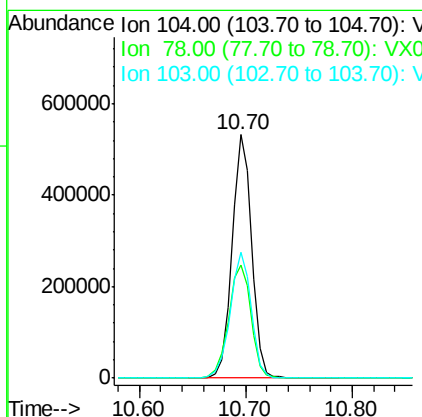
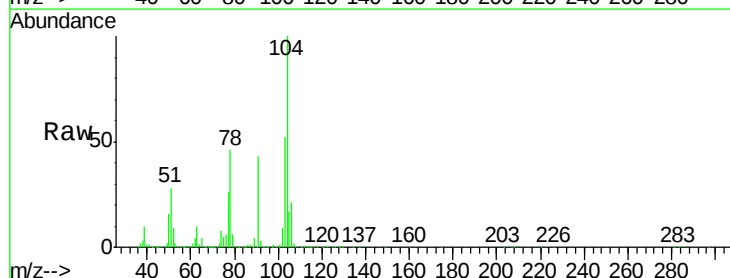
Manual Integrations
APPROVED

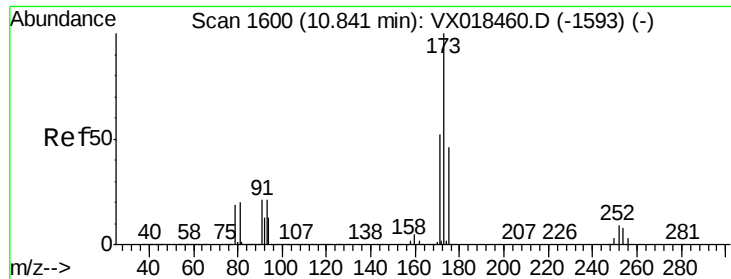
MMDadoda
9/24/2020 1:39:41 PM



#70
Styrene
Concen: 52.128 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.0	40.5	60.7
103	55.6	43.2	64.8





#71

Bromoform

Concen: 53.095 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

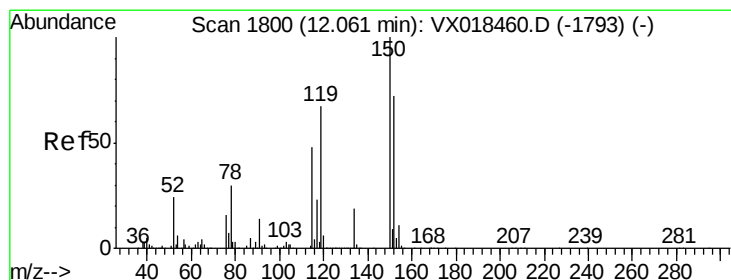
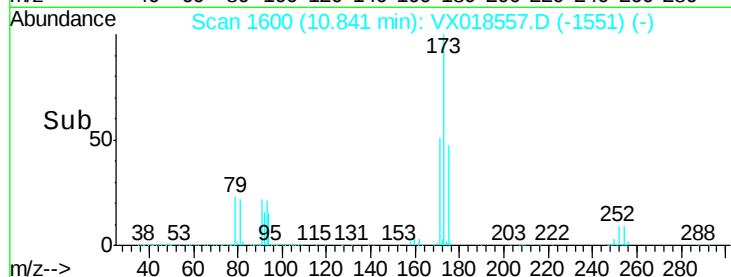
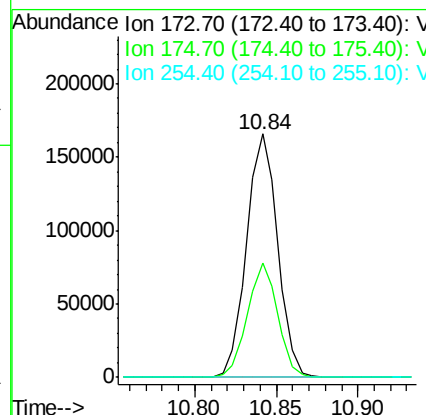
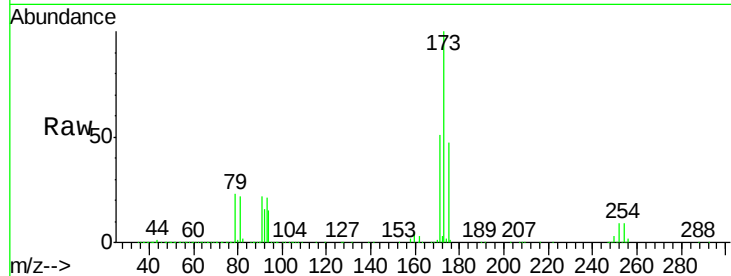
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	220426
Ion Ratio	Lower	Upper	
173	100		
175	46.0	23.6	70.8
254	0.2	0.1	0.1#

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:41 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

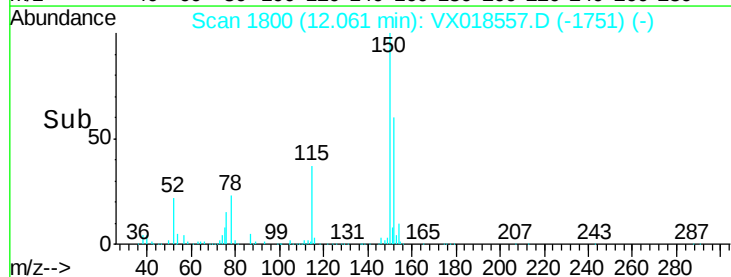
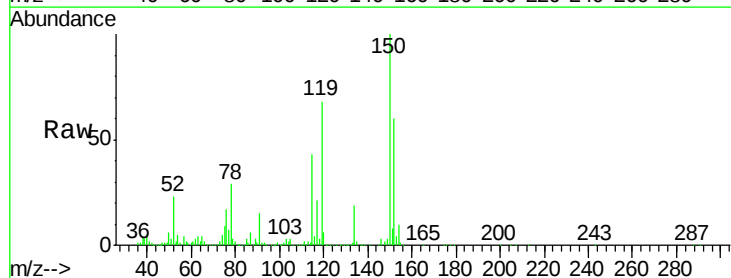
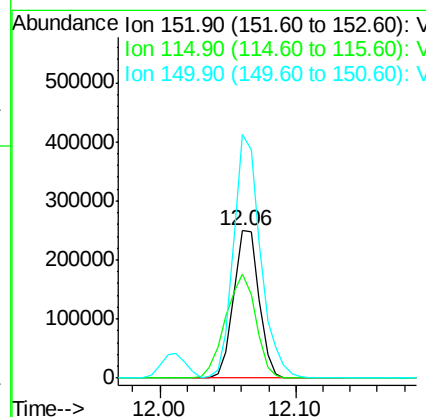
RT: 12.06 min Scan# 1800

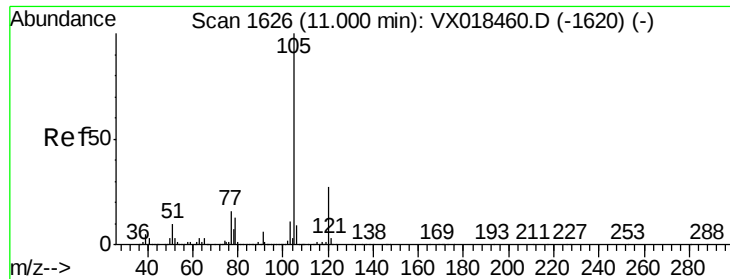
Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion:	152	Resp:	323717
Ion Ratio	Lower	Upper	
152	100		
115	84.1	41.8	125.4
150	174.8	0.0	342.4





#73

Isopropylbenzene

Concen: 51.449 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1112605

Ion Ratio Lower Upper

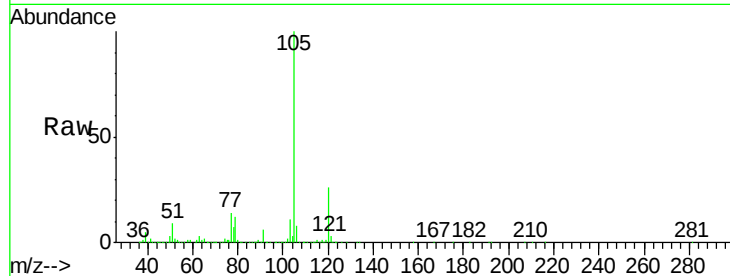
105 100

120 26.6 13.4 40.2

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

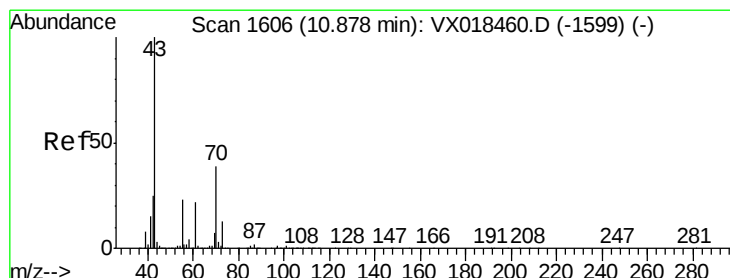
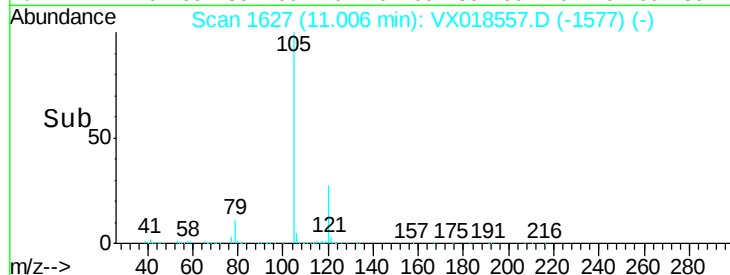
400000

200000

0

11.01

Time-->



#74

N-ethyl acetate

Concen: 47.685 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion: 43 Resp: 464255

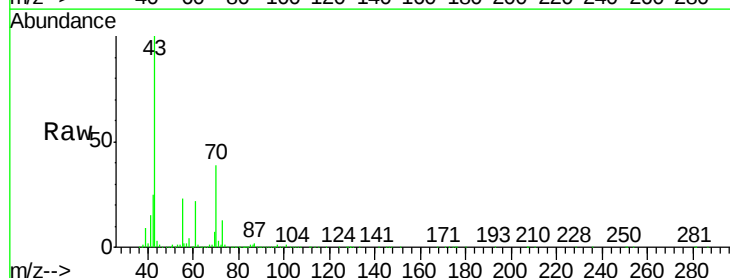
Ion Ratio Lower Upper

43 100

70 40.1 32.2 48.4

55 23.7 18.8 28.2

61 23.1 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

500000

400000

300000

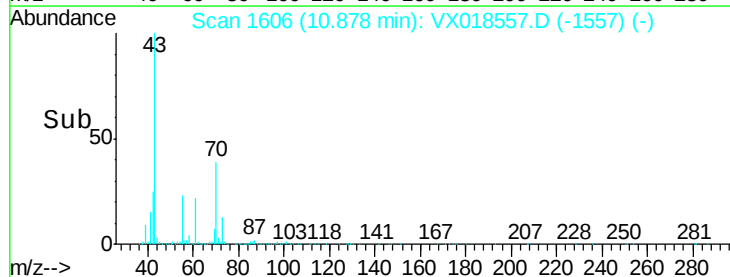
200000

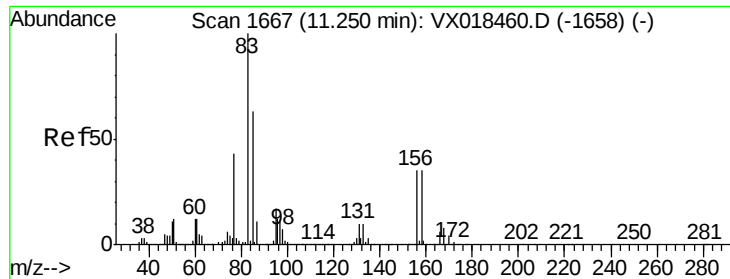
100000

0

10.88

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.066 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 351212

Ion Ratio Lower Upper

83 100

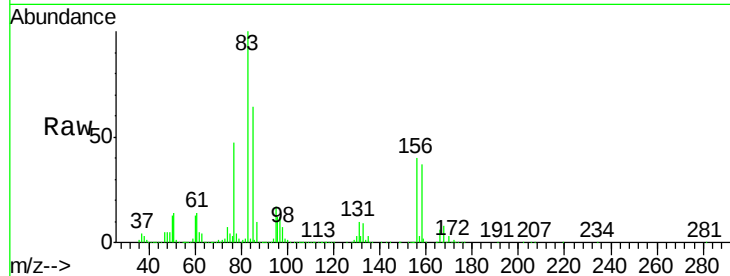
131 10.8 5.1 15.4

85 64.6 31.8 95.4

Manual Integrations
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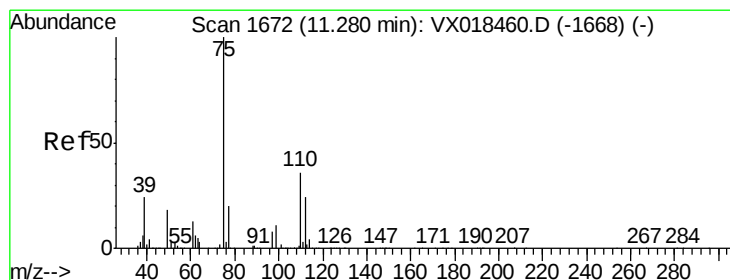
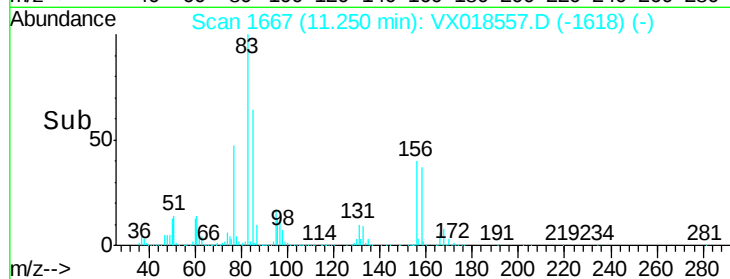
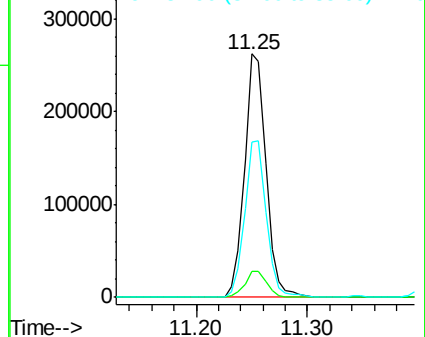
9/24/2020 1:39:41 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.620 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018557.D

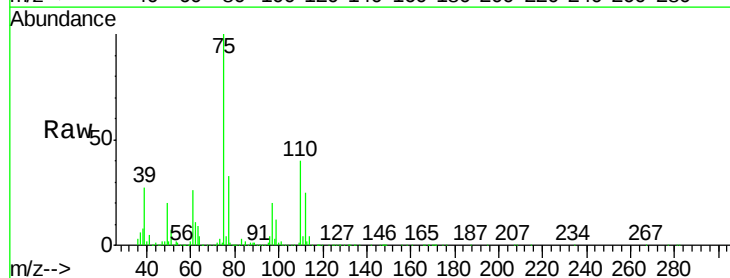
Acq: 23 Sep 2020 23:59

Tgt Ion: 75 Resp: 323943

Ion Ratio Lower Upper

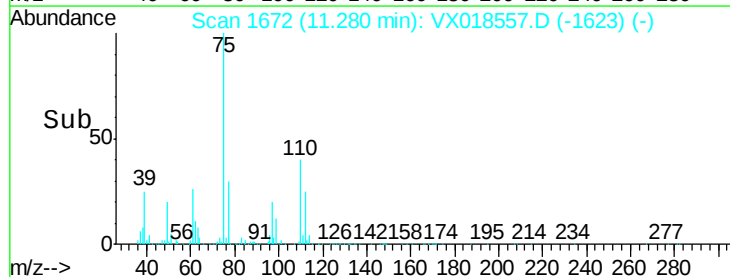
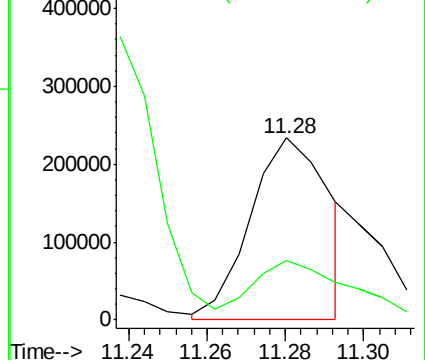
75 100

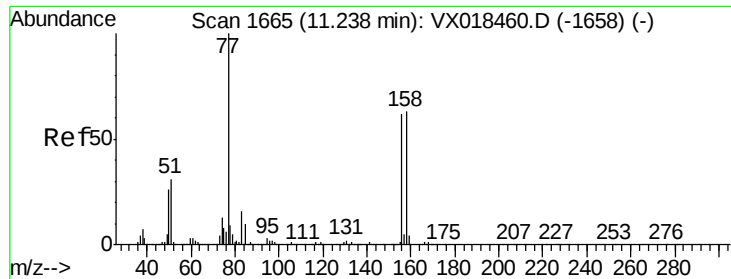
77 40.7 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





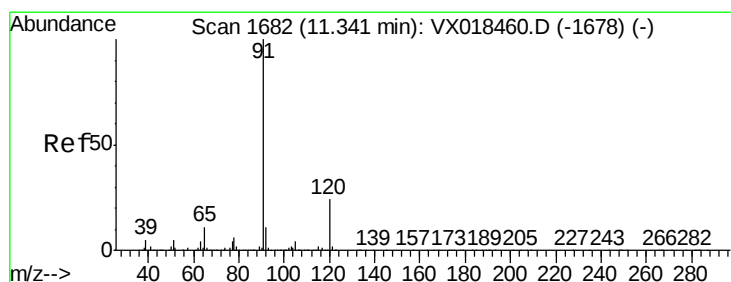
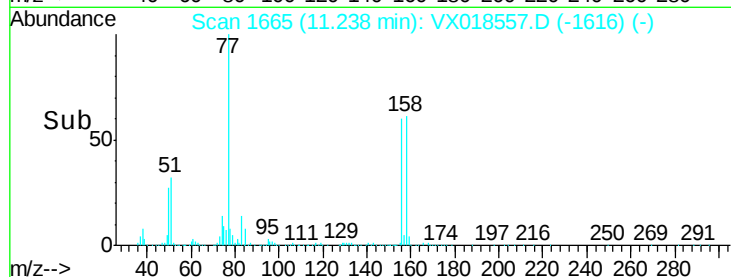
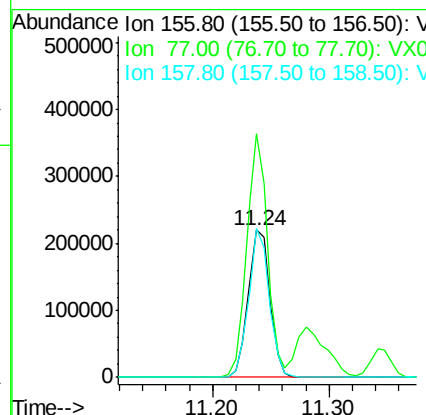
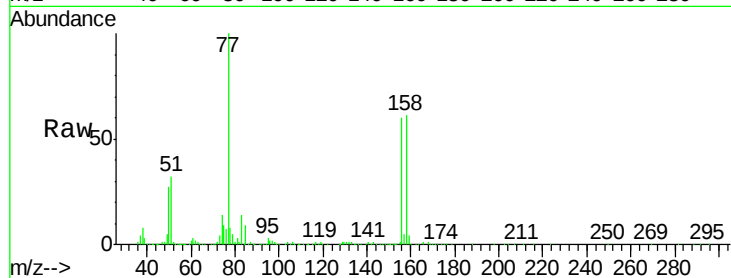
#77
Bromobenzene
Concen: 48.331 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
156	100	288386		
77	156.6		78.8	236.5
158	95.2		48.4	145.3

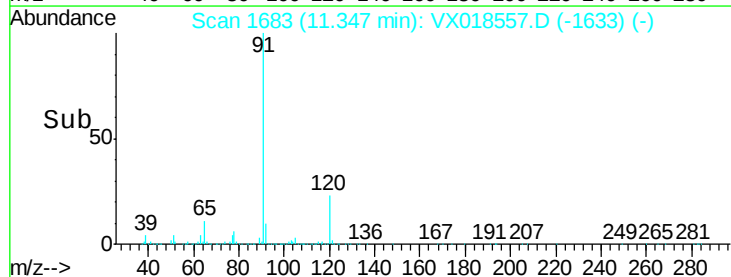
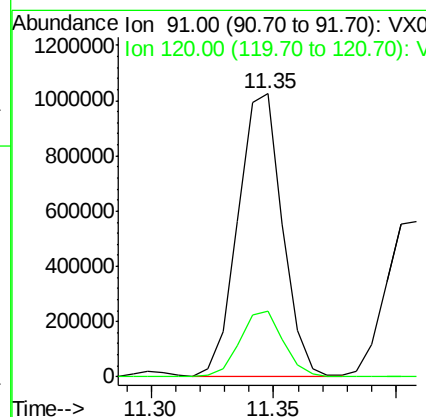
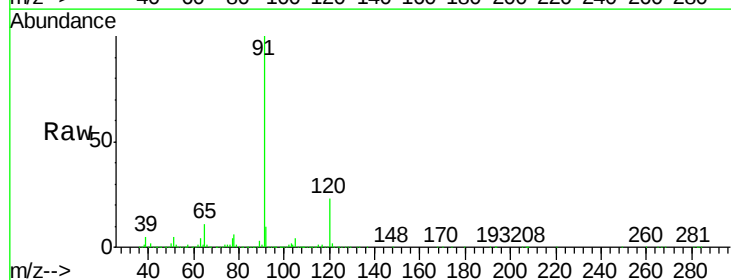
Manual Integrations
APPROVED

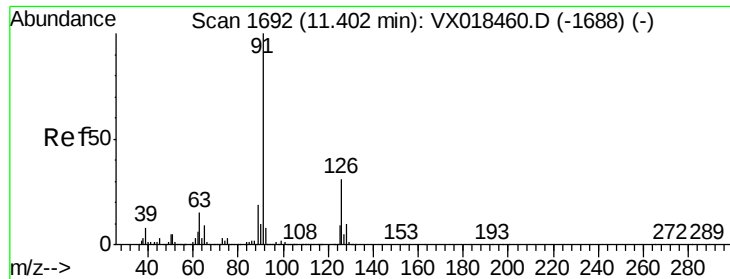
MMDadoda
9/24/2020 1:39:41 PM



#78
n-propylbenzene
Concen: 50.462 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1277342		
120	23.1		11.8	35.3





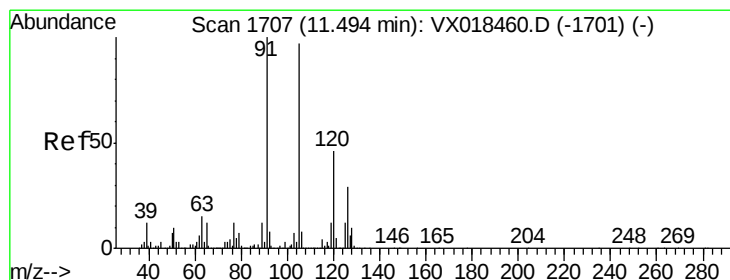
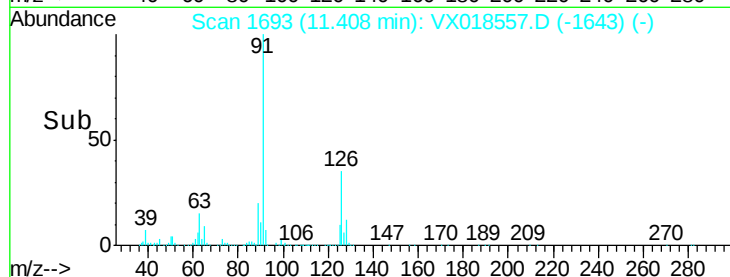
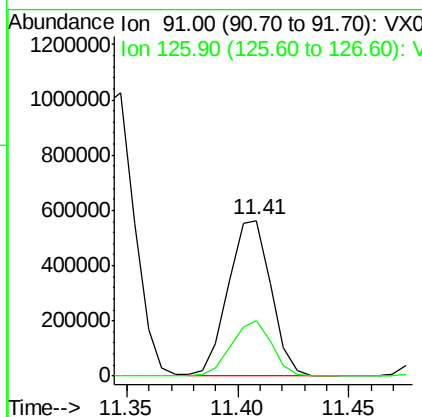
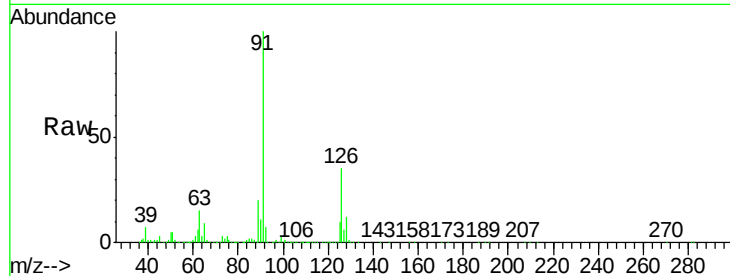
#79
2-Chlorotoluene
Concen: 48.965 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 750262
Ion Ratio Lower Upper
91 100
126 34.0 16.6 49.7

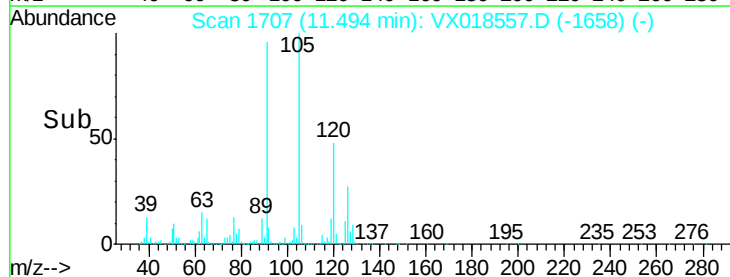
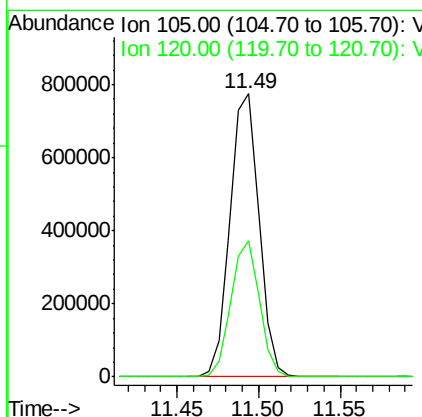
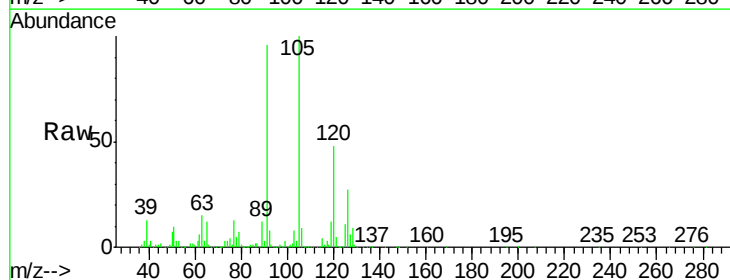
Manual Integrations
APPROVED

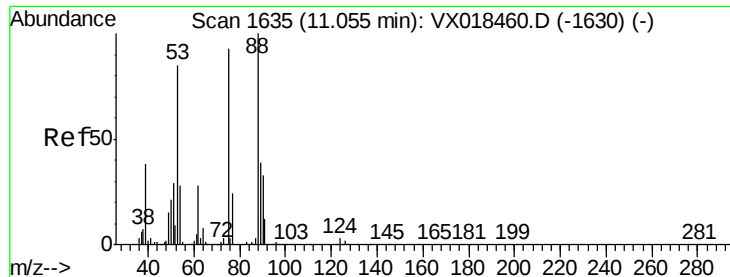
MMDadoda
9/24/2020 1:39:41 PM



#80
1,3,5-Trimethylbenzene
Concen: 51.862 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion: 105 Resp: 959163
Ion Ratio Lower Upper
105 100
120 47.0 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 44.599 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

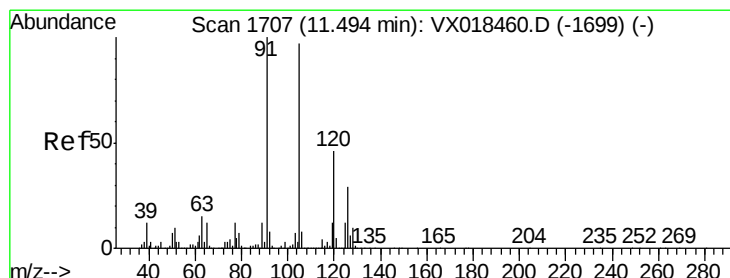
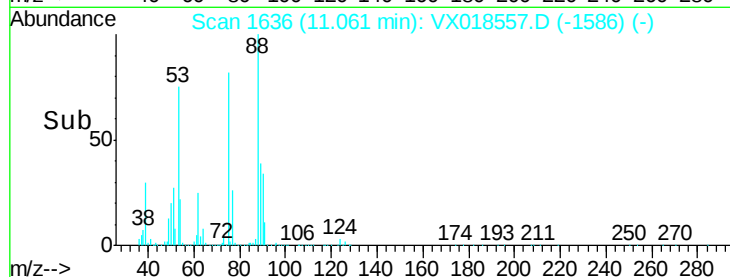
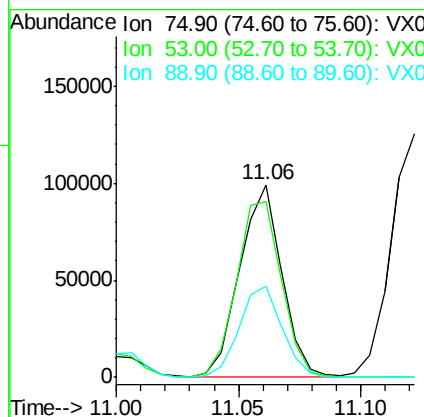
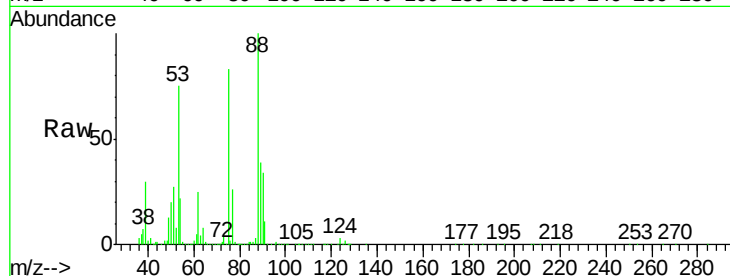
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	118397
Ion Ratio	Lower	Upper	
75	100		
53	97.4	74.6	111.8
89	48.3	36.2	54.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.789 ug/l

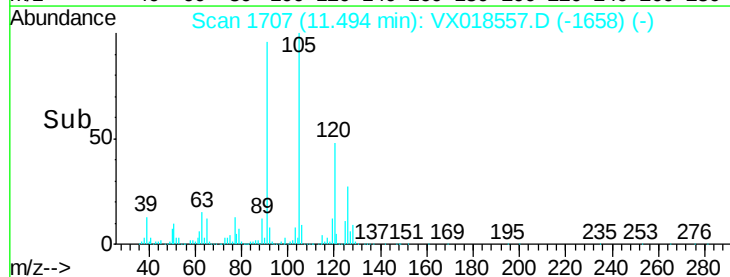
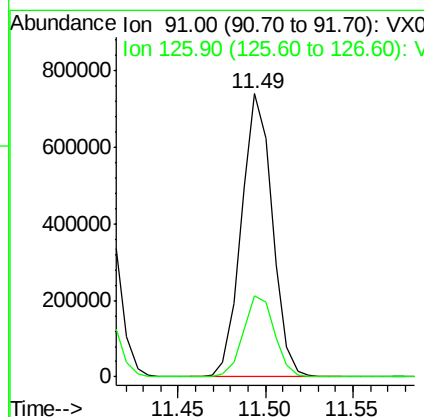
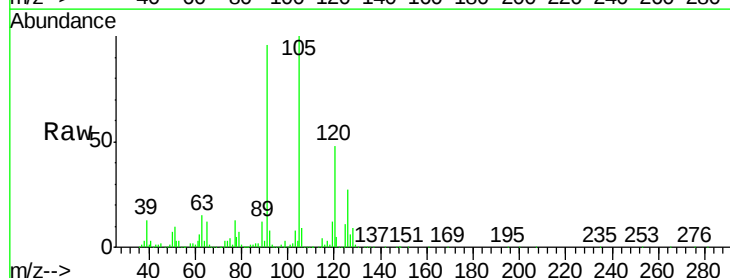
RT: 11.49 min Scan# 1707

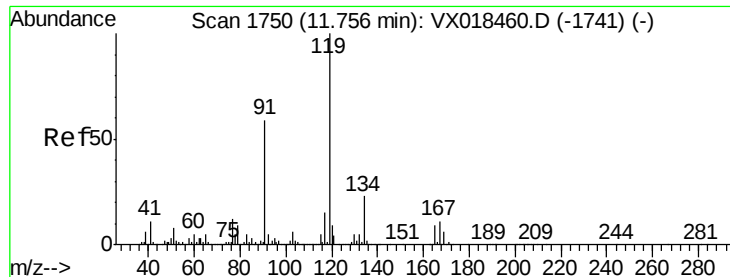
Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Tgt Ion:	91	Resp:	906850
Ion Ratio	Lower	Upper	
91	100		
126	28.9	15.0	45.0





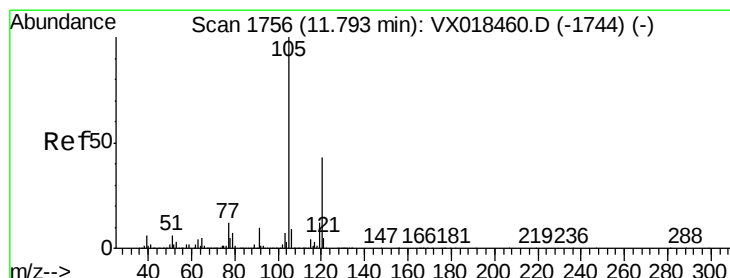
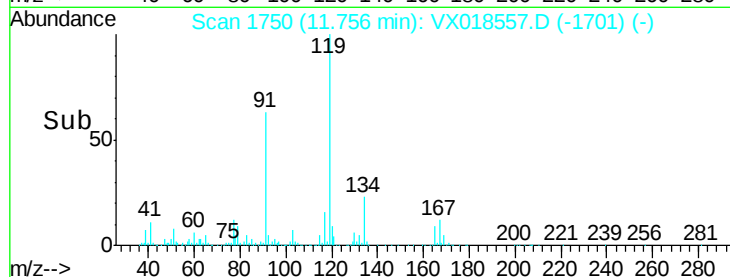
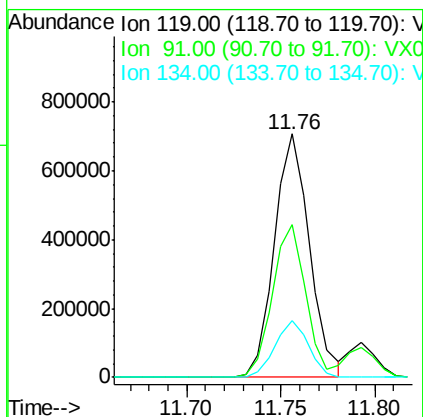
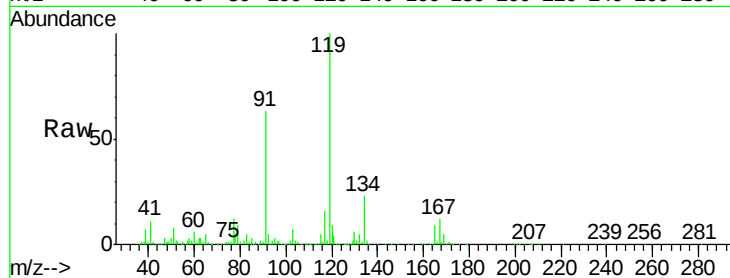
#83
tert-Butylbenzene
Concen: 50.928 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	914496		
91	59.1	28.9	86.7	
134	22.4	11.3	33.8	

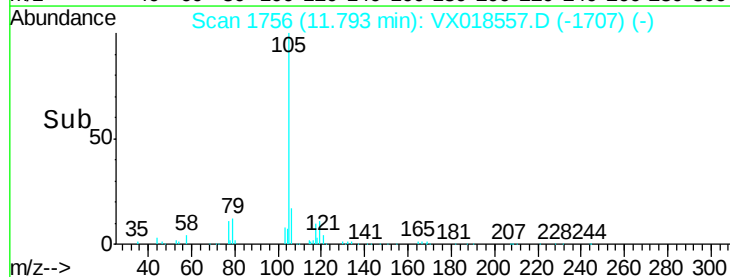
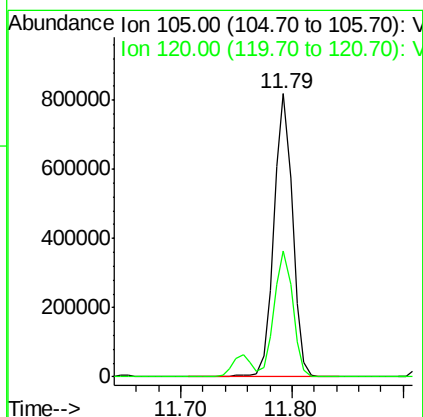
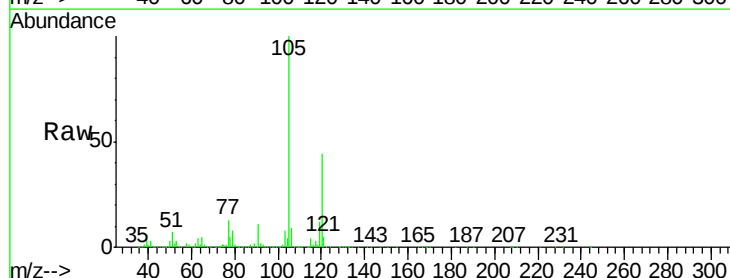
Manual Integrations
APPROVED

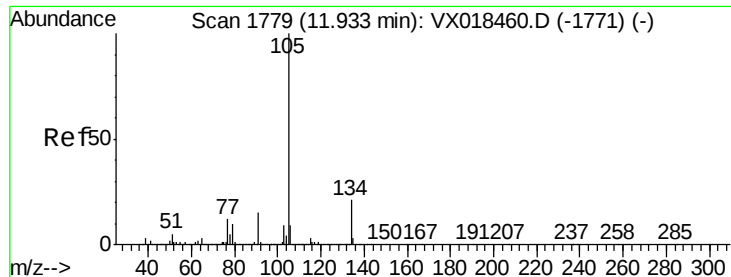
MMDadoda
9/24/2020 1:39:41 PM



#84
1,2,4-Trimethylbenzene
Concen: 51.207 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	953757		
120	44.7	21.6	65.0	





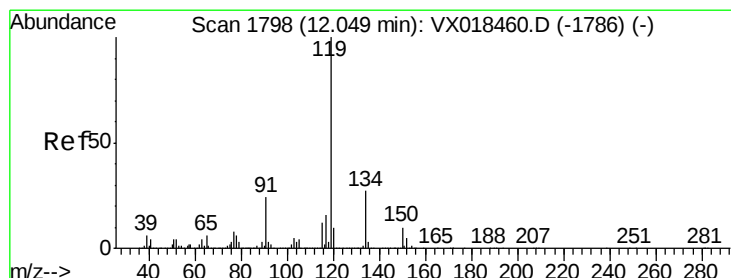
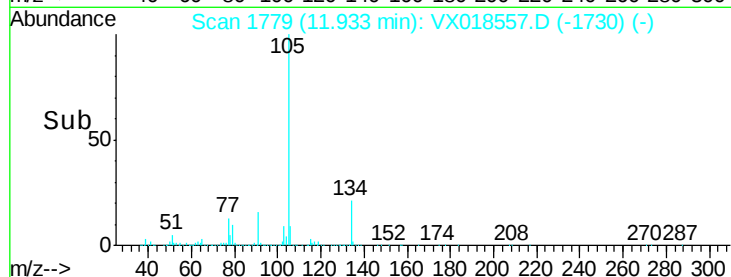
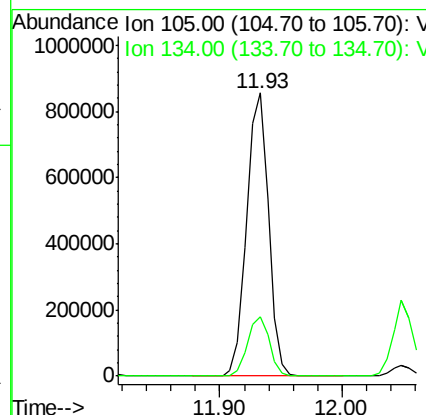
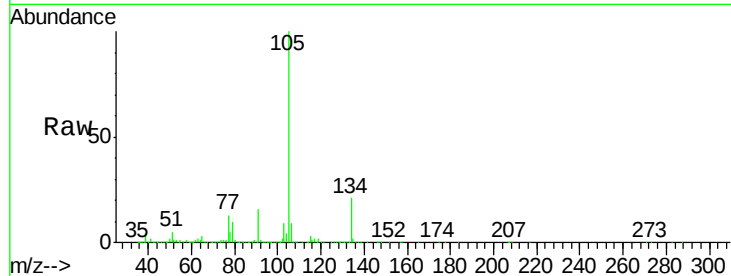
#85
 sec-Butylbenzene
 Concen: 49.786 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 1054839
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4

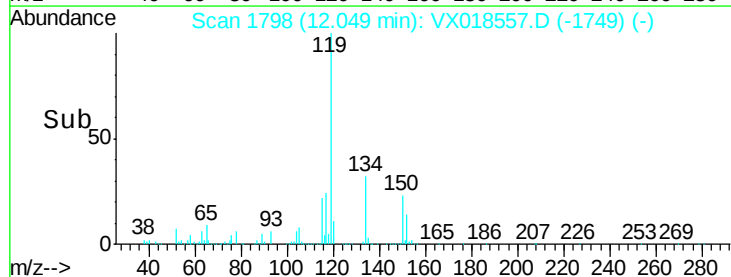
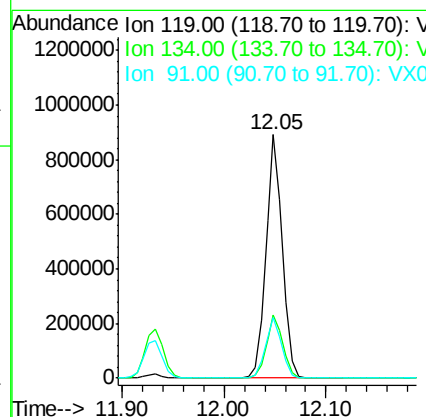
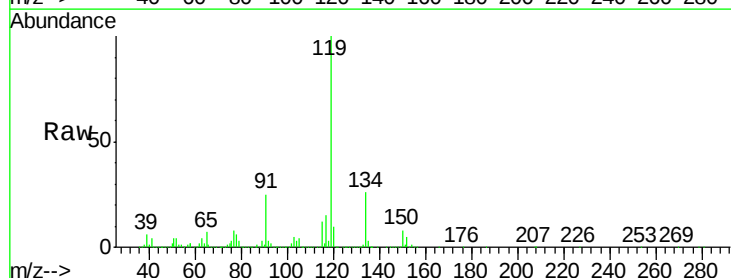
Manual Integrations
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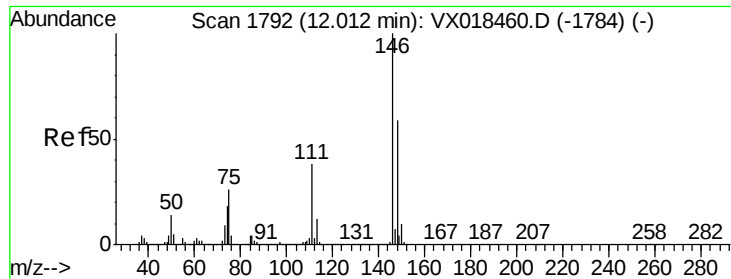
MMDadoda
 9/24/2020 1:39:41 PM



#86
 p-Isopropyltoluene
 Concen: 51.462 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion:119 Resp: 1002079
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.9
 91 24.6 11.9 35.9





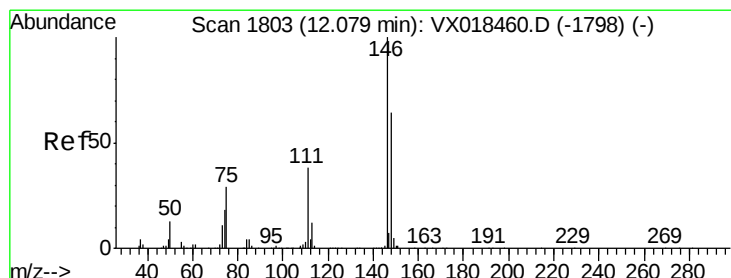
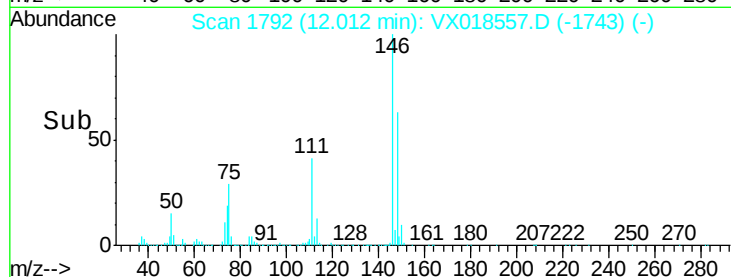
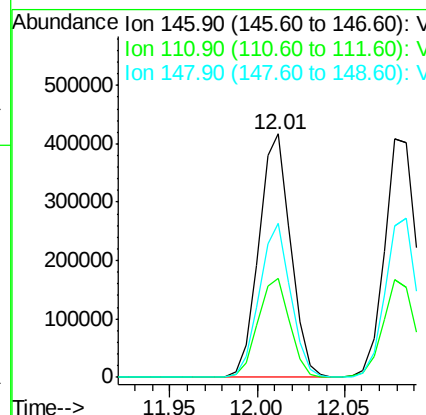
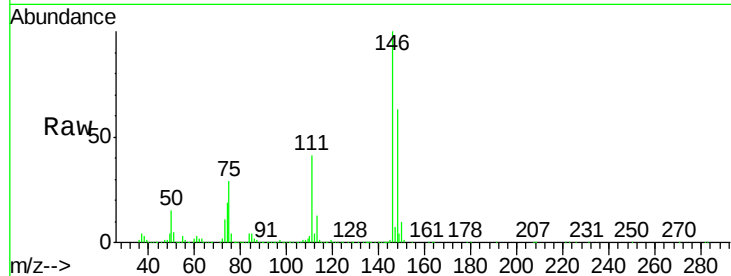
#87
 1,3-Dichlorobenzene
 Concen: 48.876 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.2
148	62.5	31.1	93.2

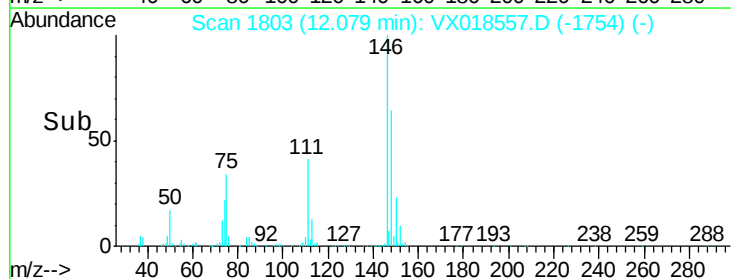
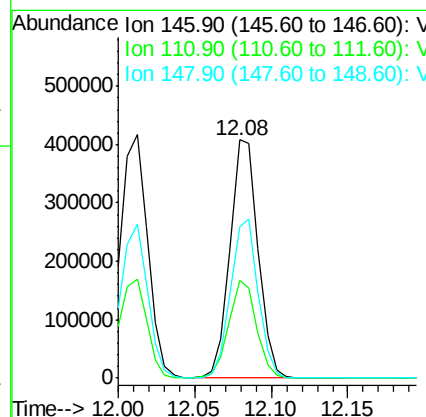
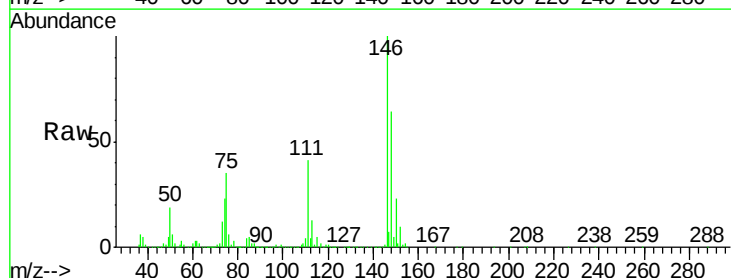
Manual Integrations
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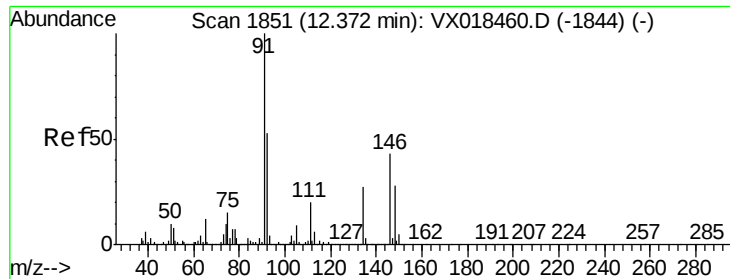
MMDadoda
 9/24/2020 1:39:41 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.710 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.4	58.4
148	65.7	31.8	95.4





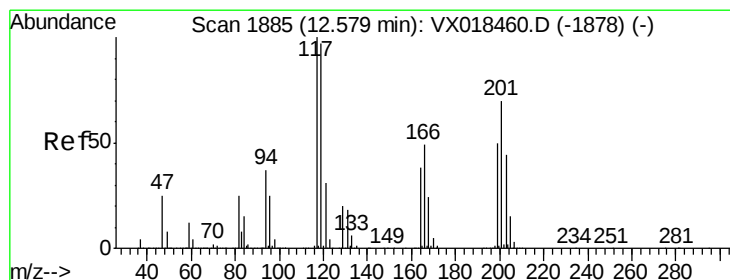
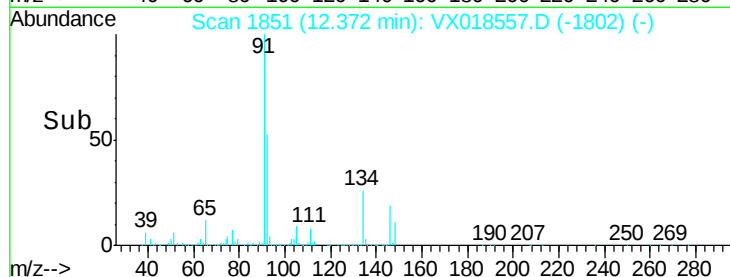
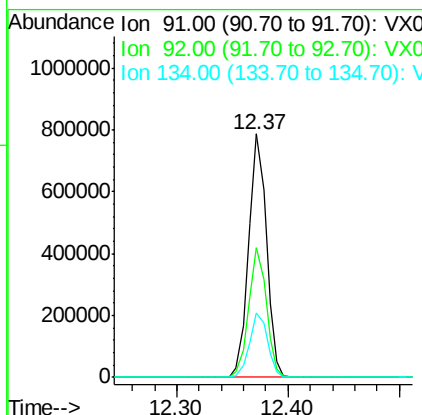
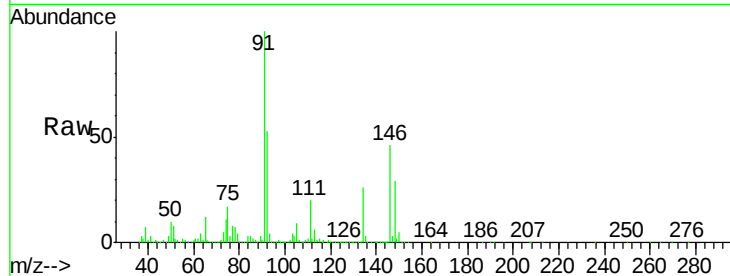
#89
n-Butylbenzene
Concen: 48.610 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.1	78.2
134	26.6	13.3	39.8

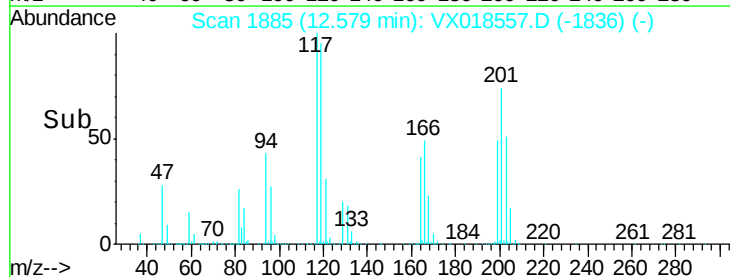
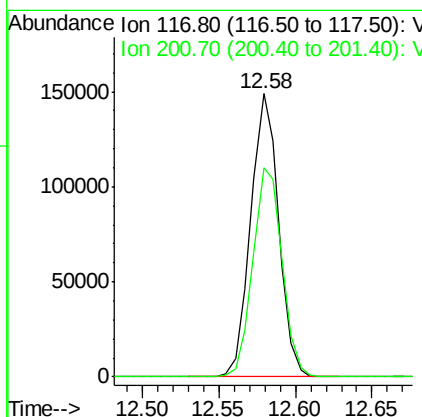
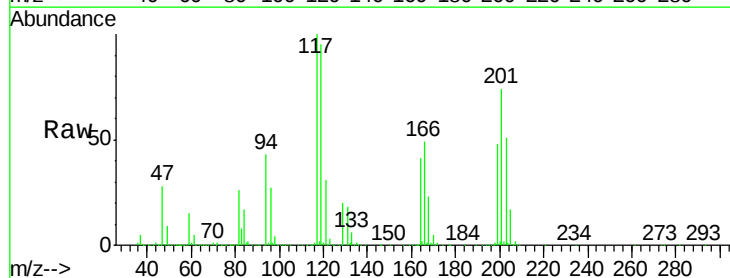
Manual Integrations
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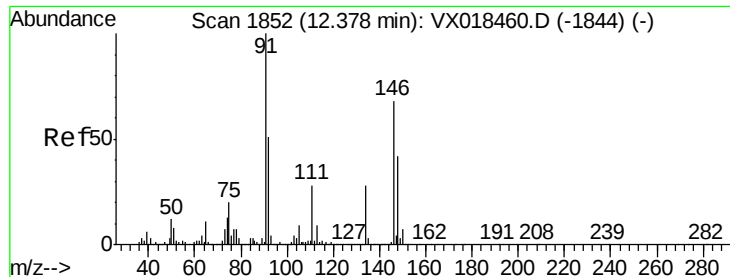
MMDadoda
9/24/2020 1:39:41 PM



#90
Hexachloroethane
Concen: 48.473 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018557.D
Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.5	36.2	108.6





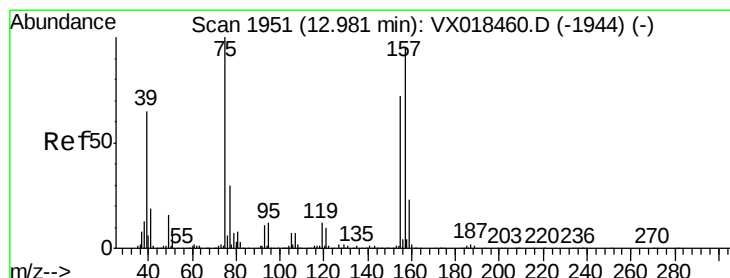
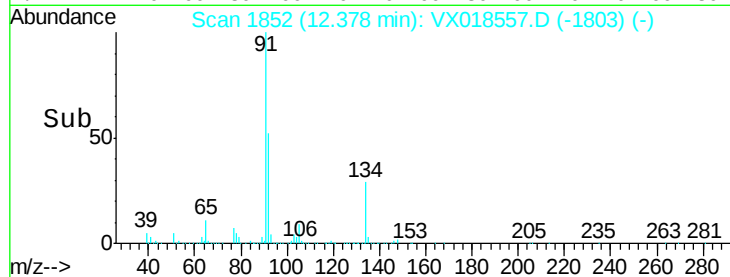
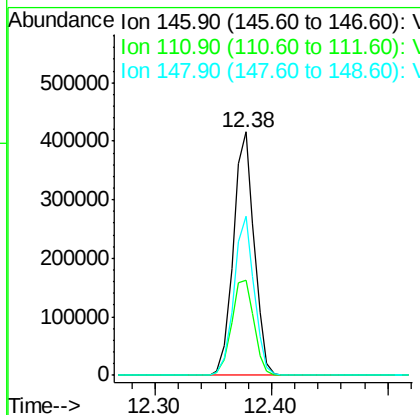
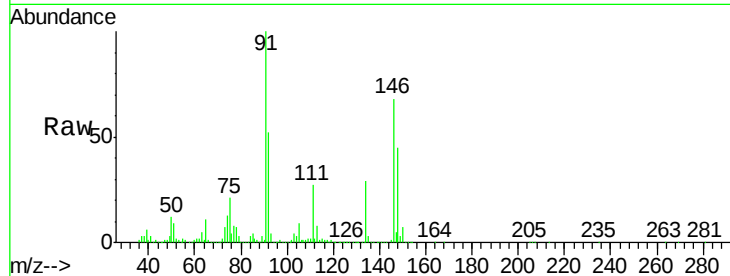
#91
 1,2-Dichlorobenzene
 Concen: 51.553 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	517663		
111	41.8		21.5	64.5
148	63.3		32.1	96.5

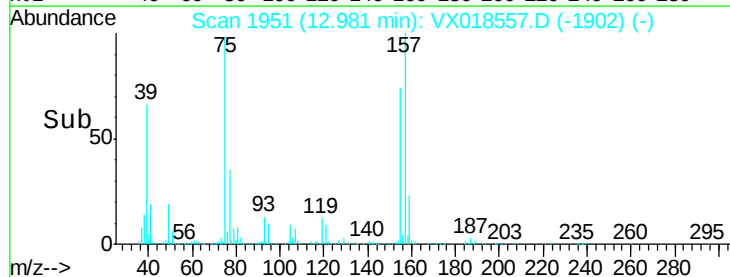
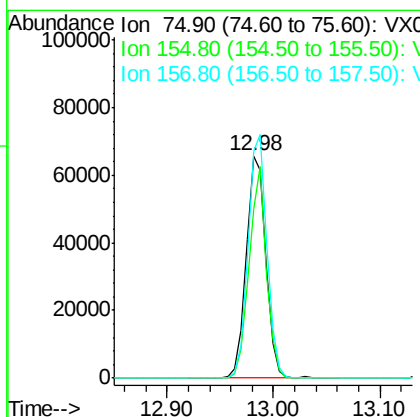
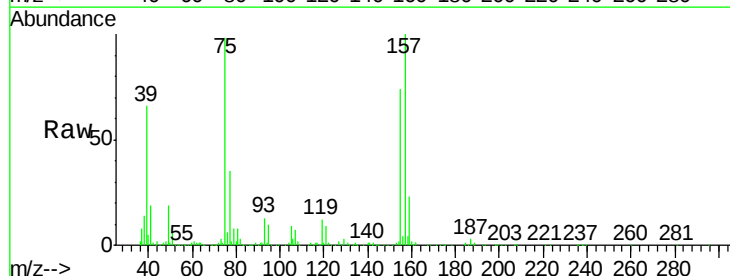
Manual Integrations
 APPROVED

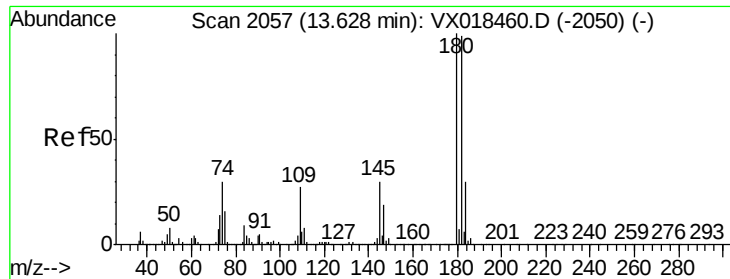
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.079 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	85284		
155	83.5		38.8	116.4
157	105.6		51.1	153.3





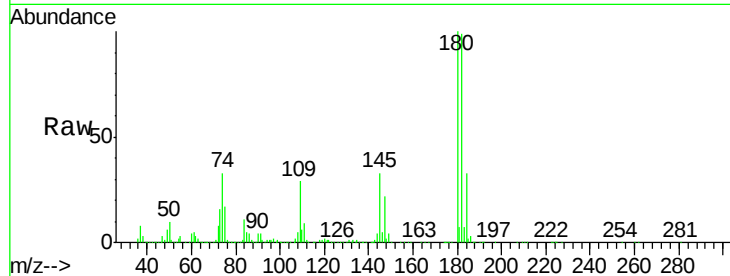
#93
 1,2,4-Trichlorobenzene
 Concen: 48.064 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

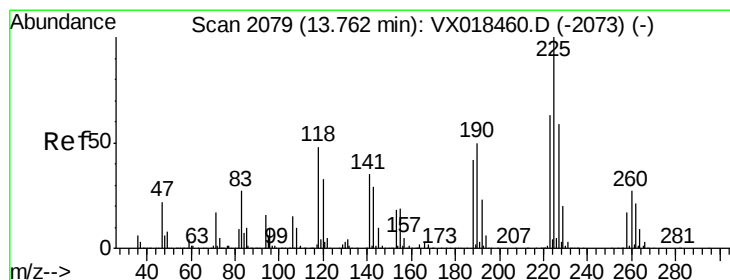
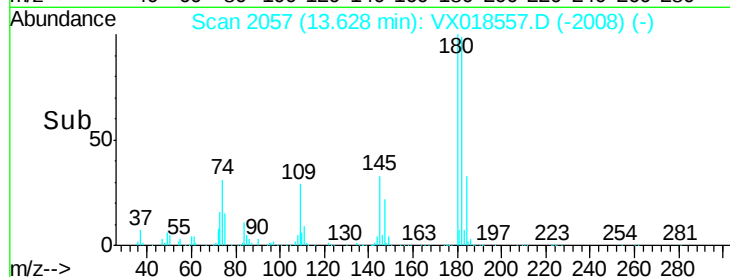
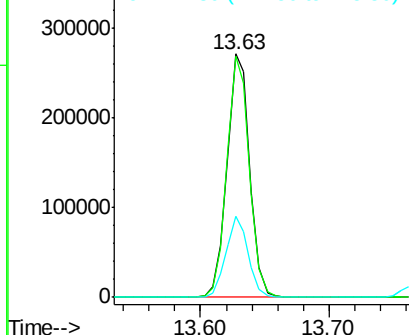
Tot Ion	Ratio	Resp	Lower	Upper
180	100	335903		
182	98.1	50.2	150.6	
145	32.6	15.7	47.1	

Manual Integrations
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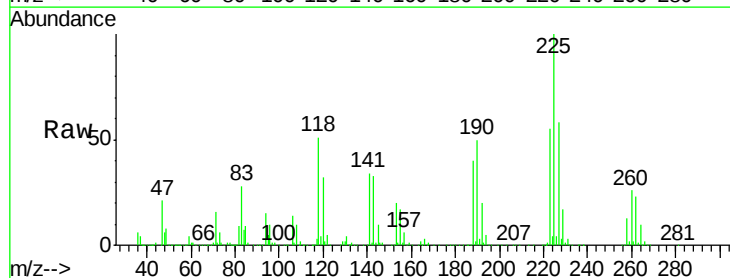


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

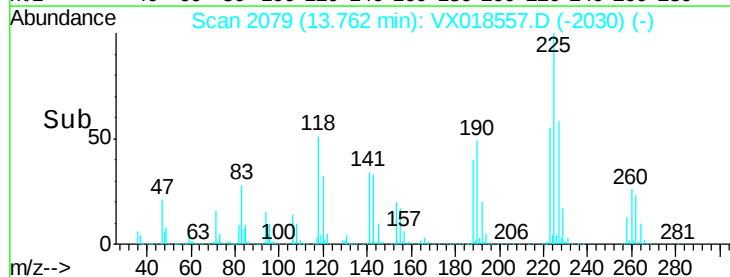
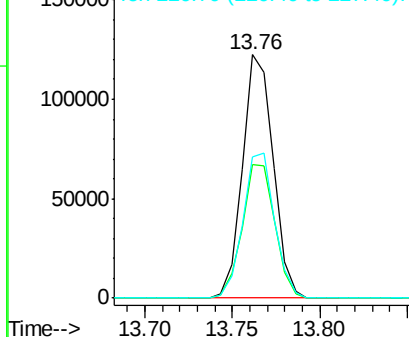


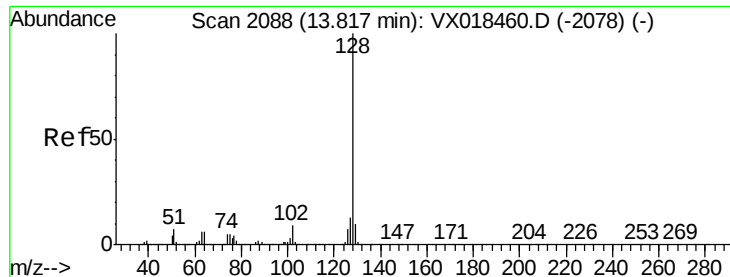
#94
 Hexachlorobutadiene
 Concen: 50.979 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX018557.D
 Acq: 23 Sep 2020 23:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	149502		
223	58.3	32.0	96.2	
227	61.2	31.7	95.1	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.834 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1072892

Ion Ratio Lower Upper

128 100

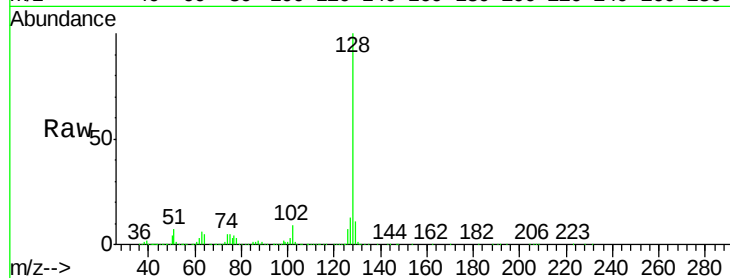
127 13.3 10.3 15.5

129 10.9 8.7 13.1

Manual Integrations
APPROVED

MMDadoda

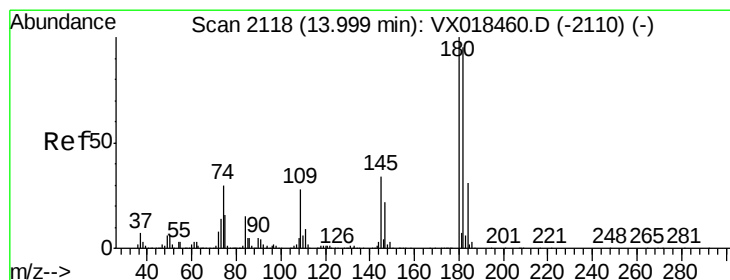
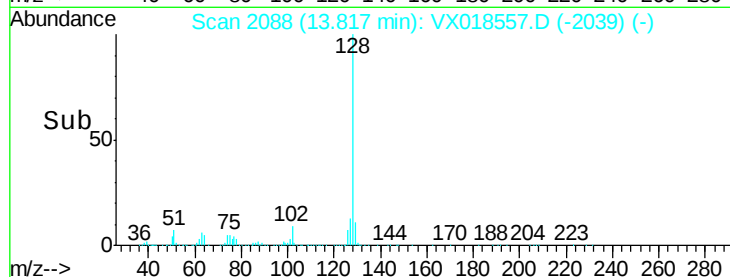
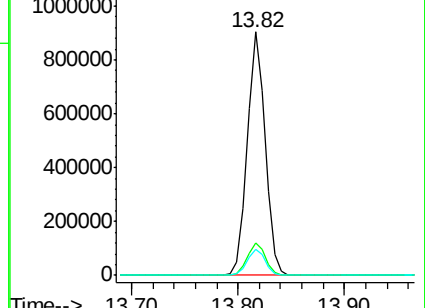
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.849 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018557.D

Acq: 23 Sep 2020 23:59

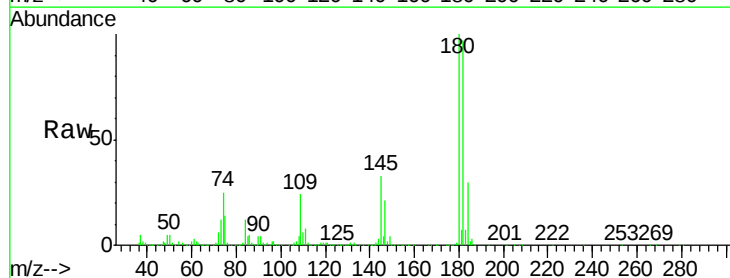
Tgt Ion:180 Resp: 326258

Ion Ratio Lower Upper

180 100

182 99.8 47.1 141.3

145 34.9 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

