

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018873.D
 Acq On : 09 Oct 2020 22:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:37 PM

Quant Time: Oct 10 07:15:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	190607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	296197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	288289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	161467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	144142	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	5.47	113	104561	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	8.70	98	368252	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.12	95	150243	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119107	52.752	ug/l	98
3) Chloromethane	1.31	50	92939	52.023	ug/l	95
4) Vinyl Chloride	1.39	62	107184	53.673	ug/l	98
5) Bromomethane	1.63	94	64108	57.639	ug/l	98
6) Chloroethane	1.71	64	66775	49.925	ug/l	98
7) Trichlorofluoromethane	1.92	101	209431	53.205	ug/l	99
8) Diethyl Ether	2.17	74	58761	53.493	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97179	51.404	ug/l	97
10) Methyl Iodide	2.49	142	87852	44.690	ug/l	98
11) Tert butyl alcohol	3.01	59	121932	275.385	ug/l	99
12) 1,1-Dichloroethene	2.36	96	93027	52.844	ug/l	99
13) Acrolein	2.27	56	98899	268.462	ug/l	99
14) Allyl chloride	2.71	41	167659	52.531	ug/l	99
15) Acrylonitrile	3.12	53	254556	271.080	ug/l	100
16) Acetone	2.42	43	258439	243.414	ug/l	98
17) Carbon Disulfide	2.55	76	261357	50.633	ug/l	99
18) Methyl Acetate	2.75	43	124145	53.123	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	320174	54.247	ug/l	98
20) Methylene Chloride	2.84	84	108227	53.933	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	105743	51.791	ug/l	98
22) Diisopropyl ether	3.82	45	307583	53.848	ug/l	91
23) Vinyl Acetate	3.78	43	1535753	279.556	ug/l	100
24) 1,1-Dichloroethane	3.67	63	195776	50.978	ug/l	100
25) 2-Butanone	4.64	43	393718	258.568	ug/l	99
26) 2,2-Dichloropropane	4.56	77	165777	44.739	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	115186	50.802	ug/l	99
28) Bromochloromethane	4.98	49	84830	50.013	ug/l	98
29) Tetrahydrofuran	5.09	42	226924	277.768	ug/l	99
30) Chloroform	5.18	83	215881	51.021	ug/l	98
31) Cyclohexane	5.55	56	140391	53.467	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	204097	50.758	ug/l	100
36) 1,1-Dichloropropene	5.77	75	148824	47.789	ug/l	99
37) Ethyl Acetate	4.79	43	159613	53.074	ug/l	98
38) Carbon Tetrachloride	5.75	117	194628	50.423	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	144673	50.395	ug/l	96
40) Benzene	6.11	78	415720	49.687	ug/l	100
41) Methacrylonitrile	5.00	41	88630	50.802	ug/l	98
42) 1,2-Dichloroethane	6.16	62	193662	49.372	ug/l	99
43) Isopropyl Acetate	6.41	43	257074	51.436	ug/l	99
44) Trichloroethene	7.19	130	121807	48.545	ug/l	100
45) 1,2-Dichloropropane	7.49	63	109213	49.332	ug/l	96
46) Dibromomethane	7.64	93	81151	49.603	ug/l	99
47) Bromodichloromethane	7.87	83	174820	49.311	ug/l	95
48) Methyl methacrylate	7.74	41	132021	52.058	ug/l	100
49) 1,4-Dioxane	7.71	88	33436	940.284	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	811274	278.110	ug/l	99
52) Toluene	8.77	92	275381	51.288	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	185093	50.421	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	189730	50.242	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	114631	49.703	ug/l	97
56) Ethyl methacrylate	9.16	69	166974	49.619	ug/l	99
57) 1,3-Dichloropropane	9.35	76	192263	51.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	450159	269.776	ug/l	100
59) 2-Hexanone	9.47	43	614409	276.450	ug/l	100
60) Dibromochloromethane	9.57	129	141128	48.747	ug/l	99
61) 1,2-Dibromoethane	9.65	107	126339	51.083	ug/l	99
64) Tetrachloroethene	9.32	164	110149	52.384	ug/l	91
65) Chlorobenzene	10.12	112	311142	49.942	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	128095	49.838	ug/l	97
67) Ethyl Benzene	10.23	91	535624	50.963	ug/l	99
68) m/p-Xylenes	10.34	106	407908	102.155	ug/l	99
69) o-Xylene	10.68	106	194925	51.813	ug/l	98
70) Styrene	10.70	104	338886	53.209	ug/l	98
71) Bromoform	10.84	173	110210	49.576	ug/l #	98
73) Isopropylbenzene	11.00	105	552260	52.285	ug/l	99
74) N-amyl acetate	10.88	43	233768	55.939	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	173883	49.392	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	168479m	48.426	ug/l	
77) Bromobenzene	11.24	156	144064	49.652	ug/l	97
78) n-propylbenzene	11.34	91	627917	52.171	ug/l	99
79) 2-Chlorotoluene	11.40	91	385268	51.352	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	472278	52.273	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	60695	49.440	ug/l	96
82) 4-Chlorotoluene	11.49	91	456666	51.191	ug/l	99
83) tert-Butylbenzene	11.76	119	466365	51.544	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	490748	53.433	ug/l	98
85) sec-Butylbenzene	11.93	105	533904	52.379	ug/l	100
86) p-Isopropyltoluene	12.05	119	505701	52.295	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	253071	47.493	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	267378	49.537	ug/l	98
89) n-Butylbenzene	12.37	91	427157	50.839	ug/l	100
90) Hexachloroethane	12.58	117	86625	48.185	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	247947	48.883	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43957	48.821	ug/l	99

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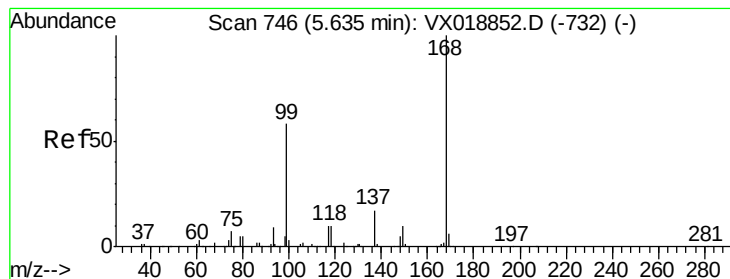
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	160196	49.230	ug/l	98
94) Hexachlorobutadiene	13.77	225	69569	48.133	ug/l	98
95) Naphthalene	13.82	128	526267	48.537	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	164216	51.580	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 190607

Ion Ratio Lower Upper

168 100

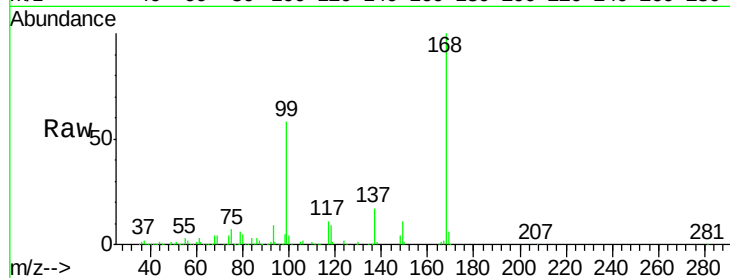
99 58.0 46.1 69.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

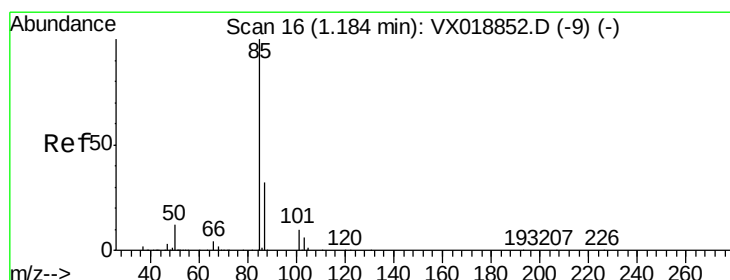
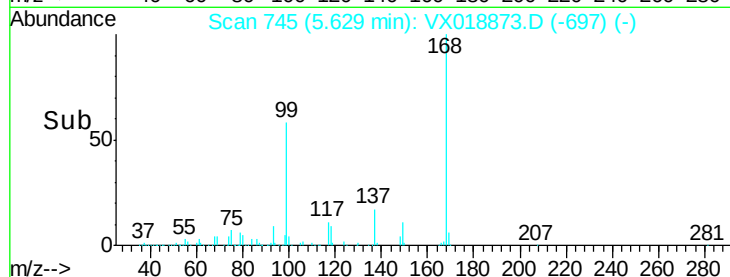
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 52.752 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018873.D

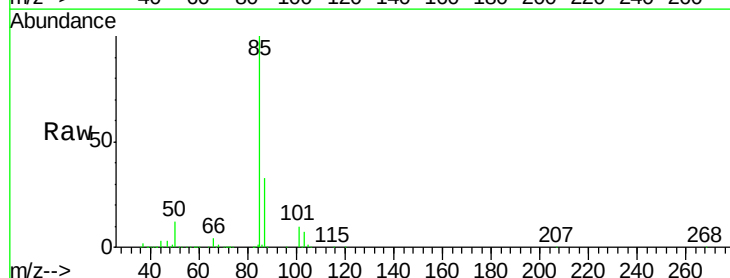
Acq: 09 Oct 2020 22:40

Tgt Ion: 85 Resp: 119107

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

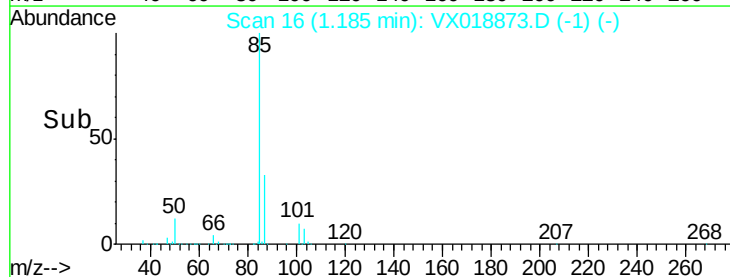
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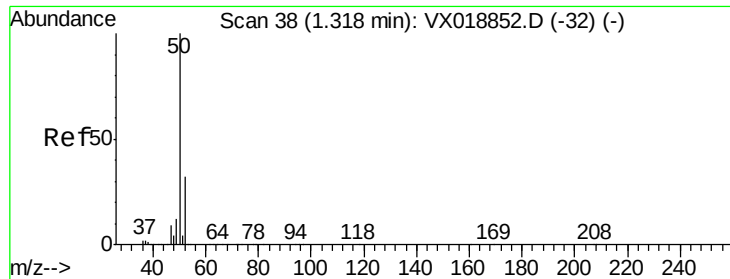
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 52.023 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 92939

Ion Ratio Lower Upper

50 100

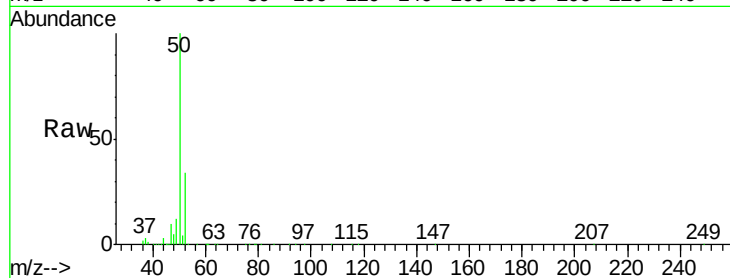
52 34.0 25.2 37.8

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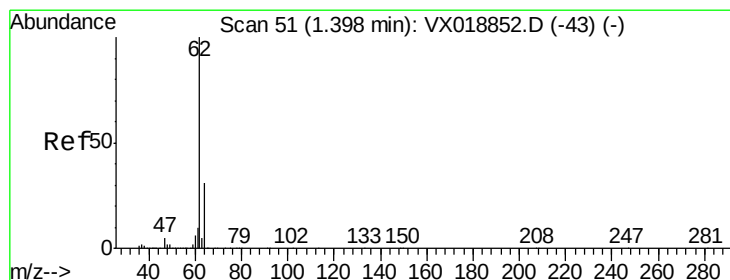
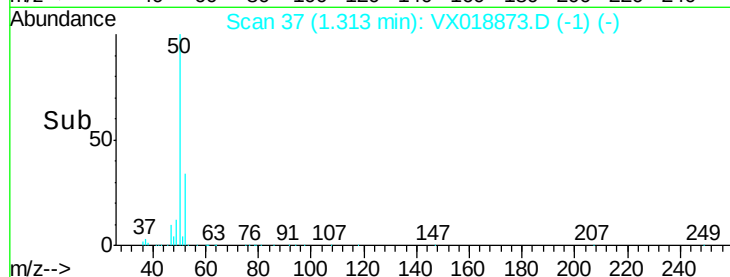
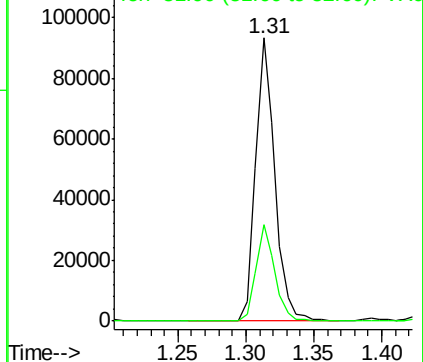
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.673 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018873.D

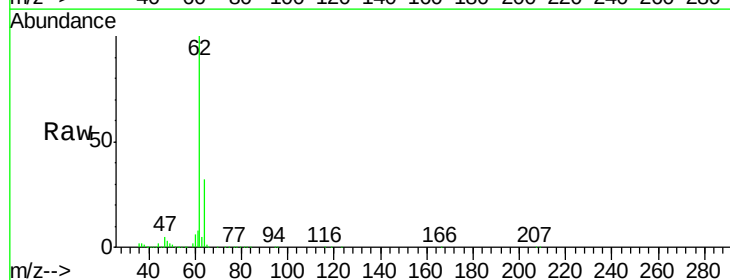
Acq: 09 Oct 2020 22:40

Tgt Ion: 62 Resp: 107184

Ion Ratio Lower Upper

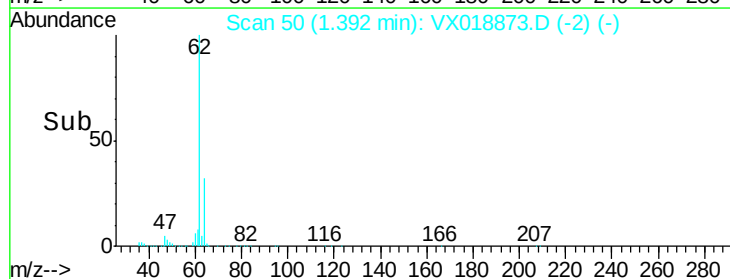
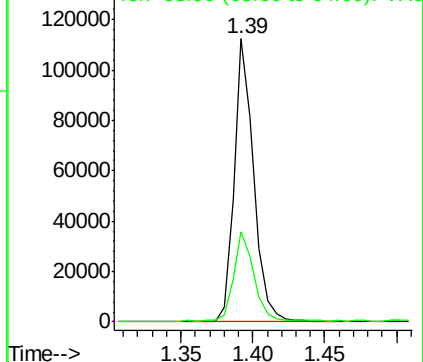
62 100

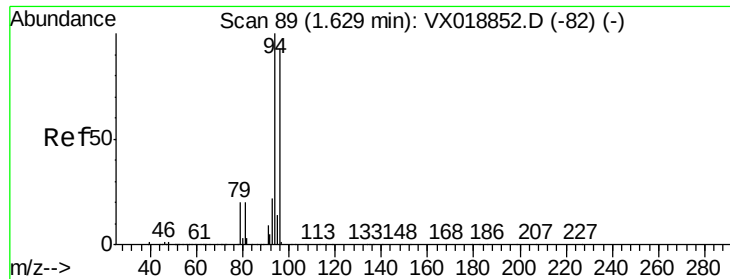
64 31.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.639 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 64108

Ion Ratio Lower Upper

94 100

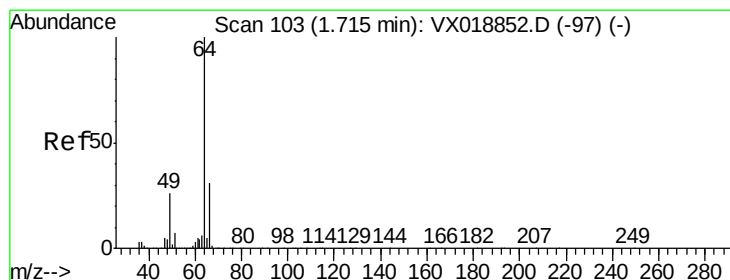
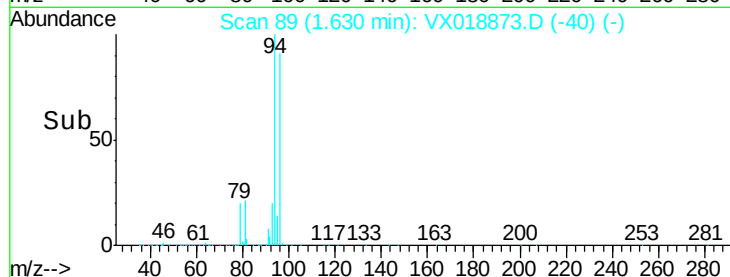
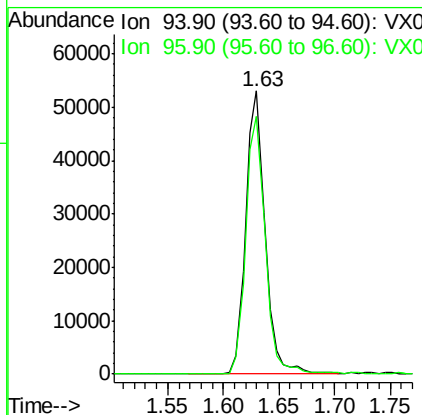
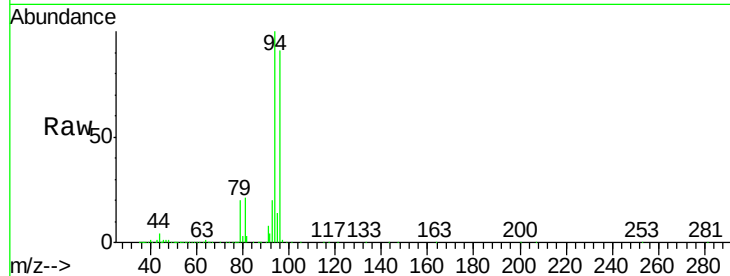
96 91.2 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 49.925 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018873.D

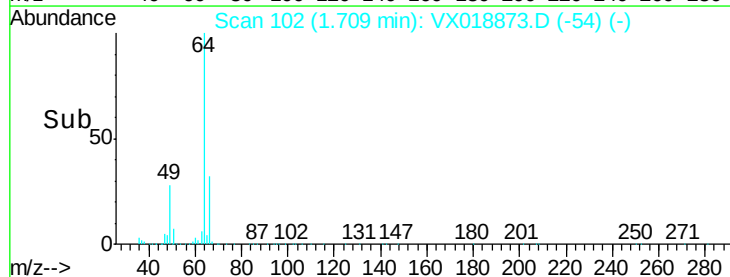
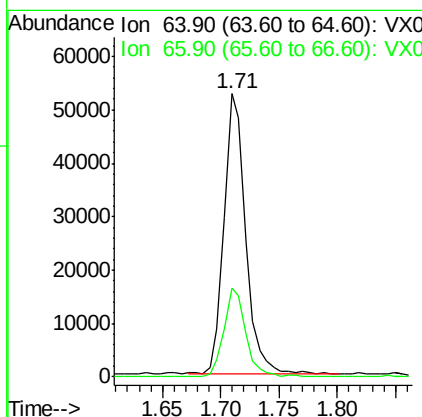
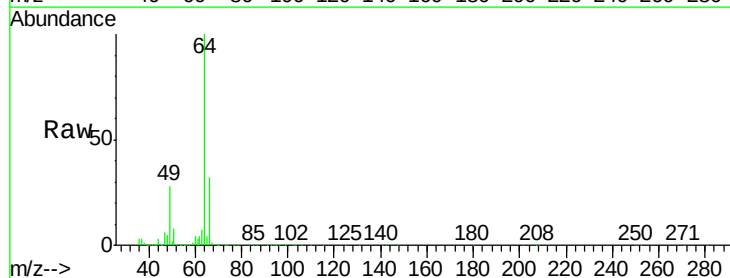
Acq: 09 Oct 2020 22:40

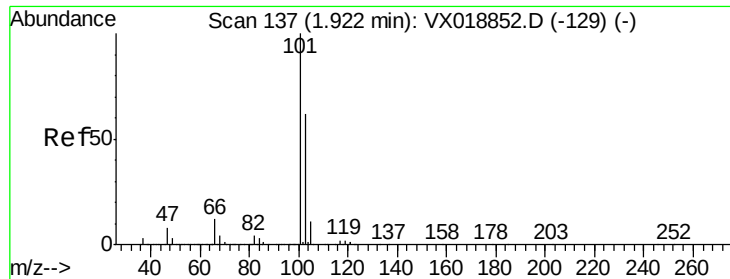
Tgt Ion: 64 Resp: 66775

Ion Ratio Lower Upper

64 100

66 32.0 24.7 37.1





#7

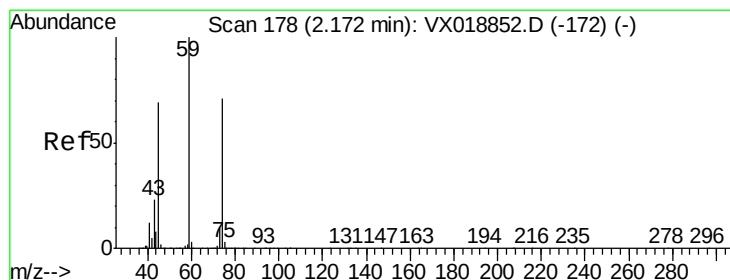
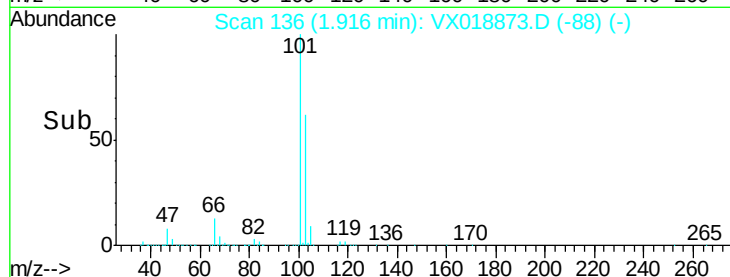
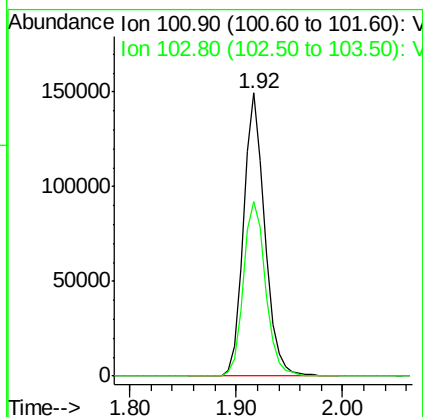
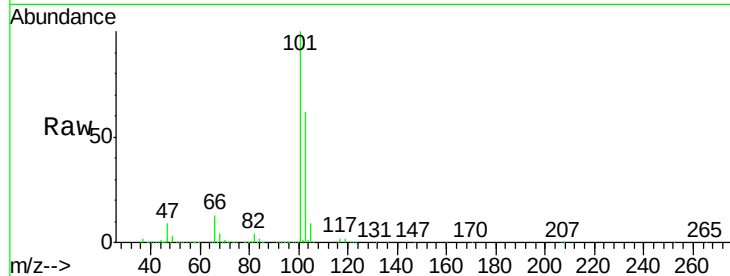
Trichlorofluoromethane
Concen: 53.205 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	50.0	75.0

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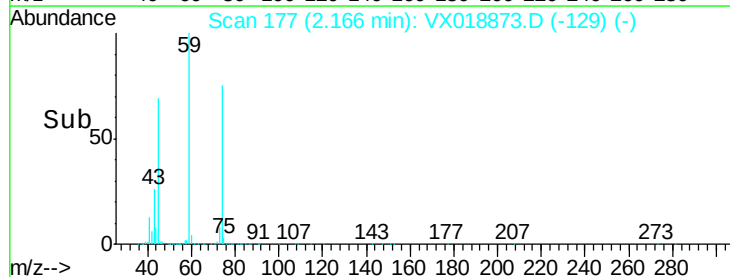
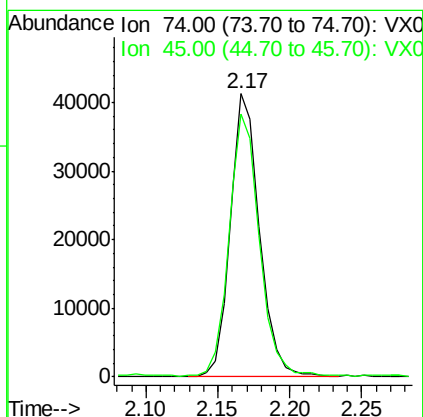
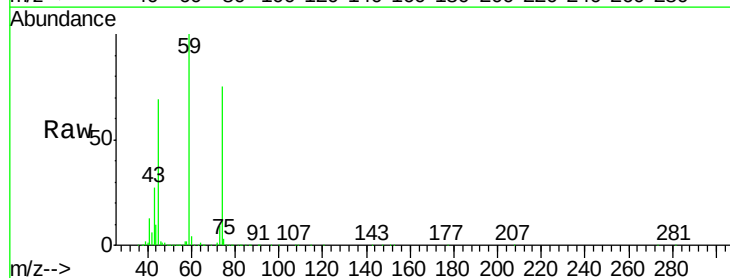
MMDadoda
10/12/2020 2:23:37 PM

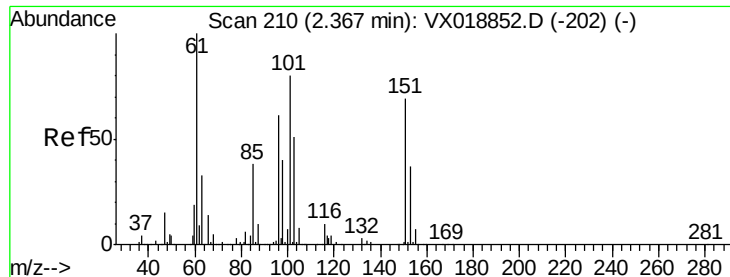


#8

Diethyl Ether
Concen: 53.493 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.8	47.0	141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.404 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

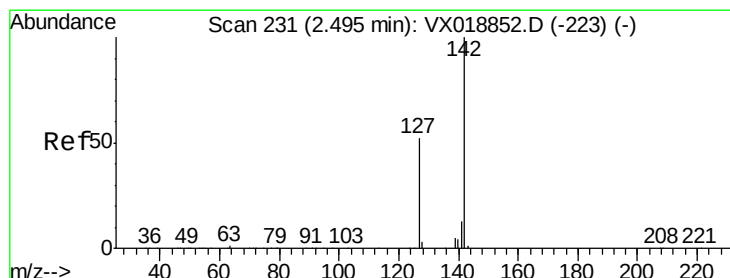
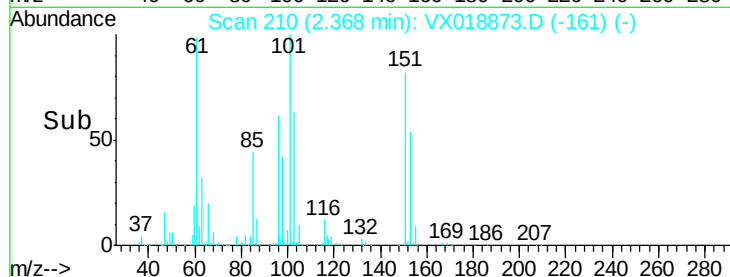
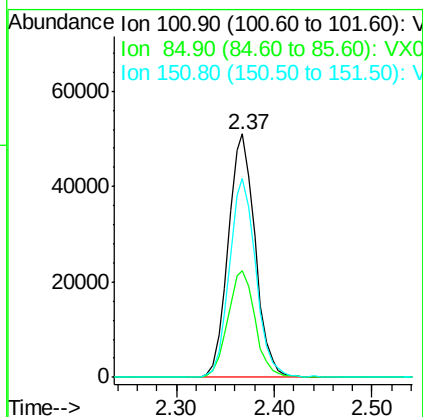
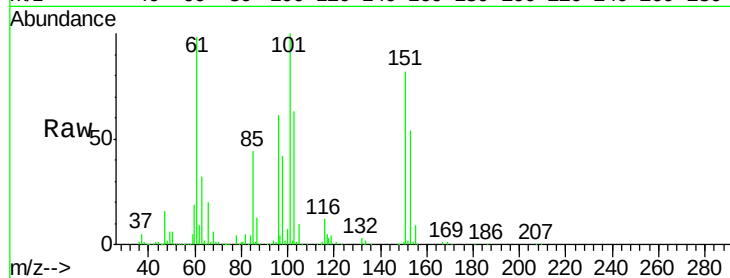
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	97179
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.6	55.0
151	80.7	67.2	100.8

Manual Integrations
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#10

Methyl Iodide

Concen: 44.690 ug/l

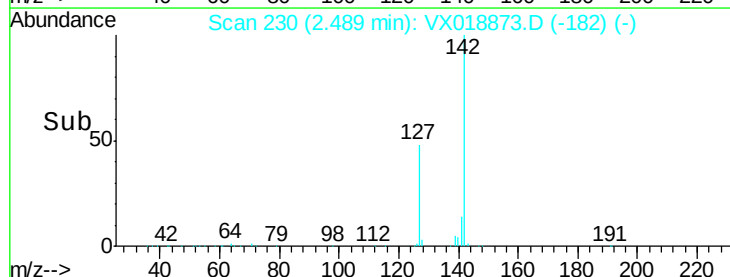
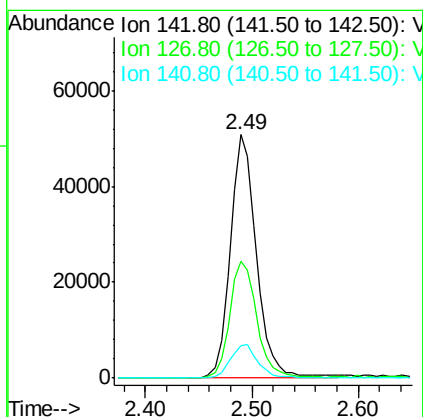
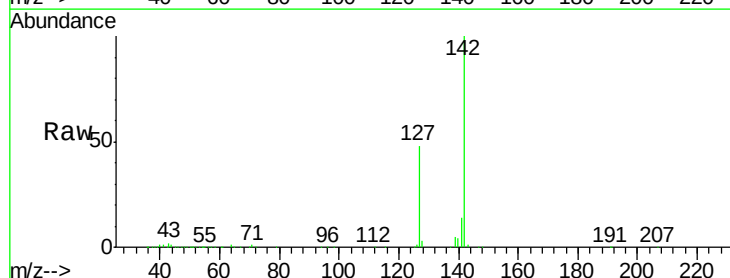
RT: 2.49 min Scan# 230

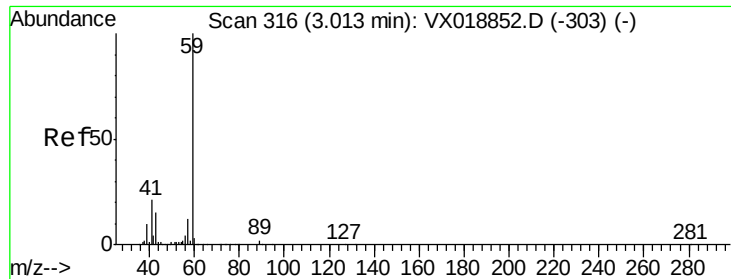
Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Tgt Ion:	142	Resp:	87852
Ion Ratio	Lower	Upper	
142	100		
127	50.4	42.0	63.0
141	14.5	11.8	17.6





#11

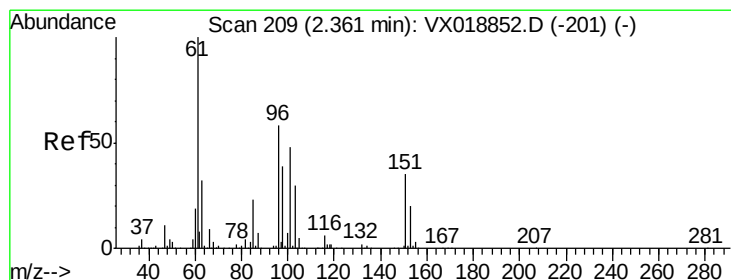
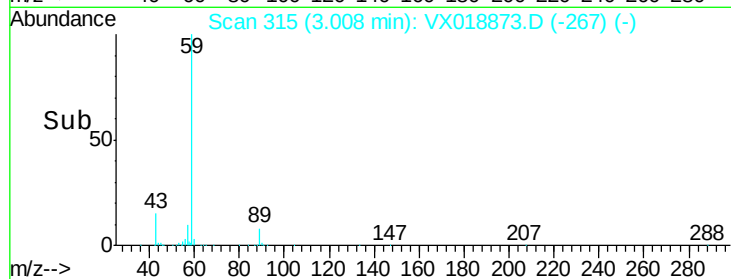
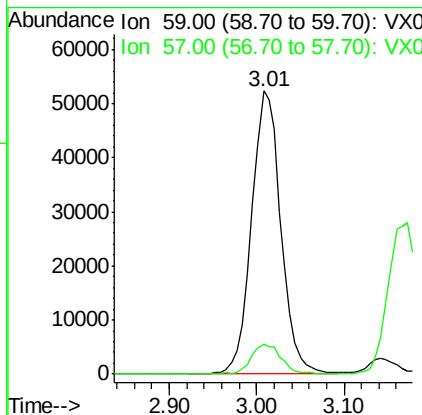
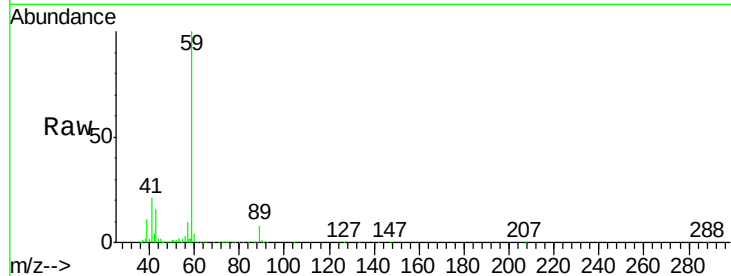
Tert butyl alcohol
Concen: 275.385 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.0	9.0	13.6

Manual Integrations
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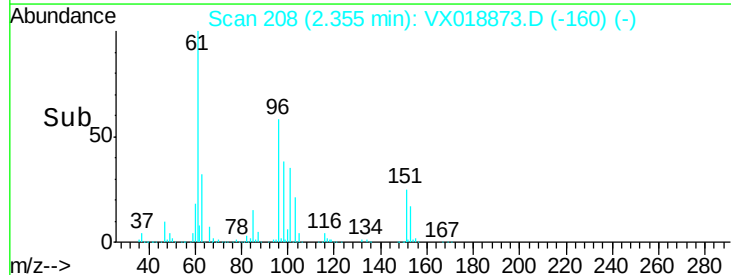
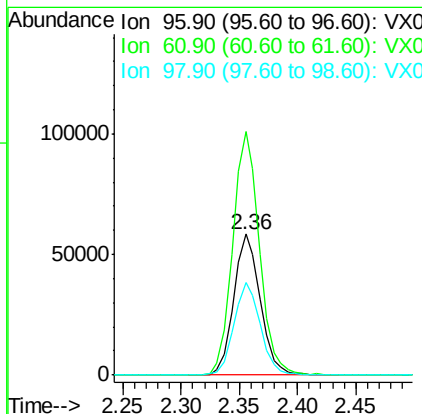
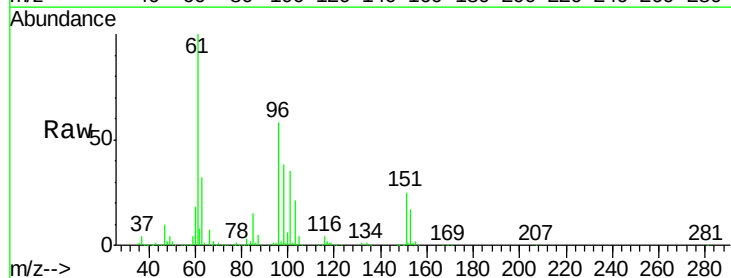
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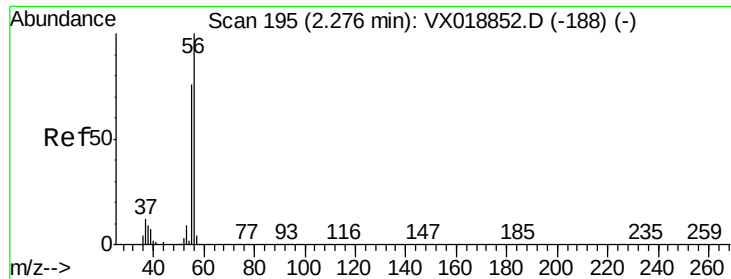


#12

1,1-Dichloroethene
Concen: 52.844 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.6	137.0	205.6
98	65.2	53.9	80.9





#13

Acrolein

Concen: 268.462 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 98899

Ion Ratio Lower Upper

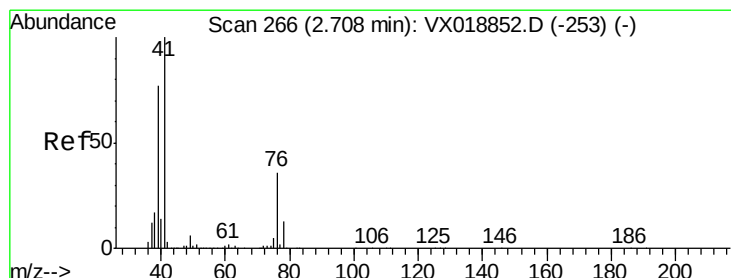
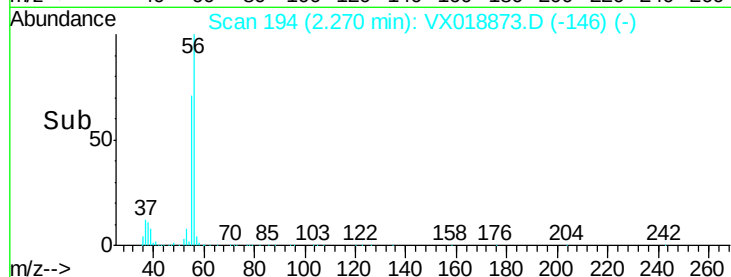
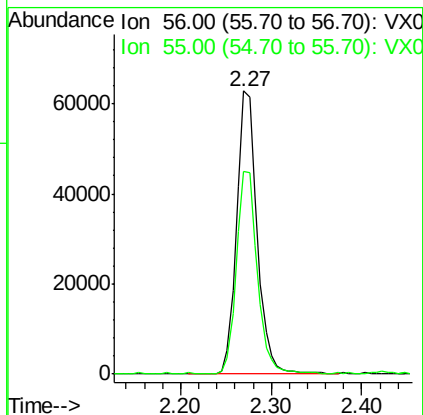
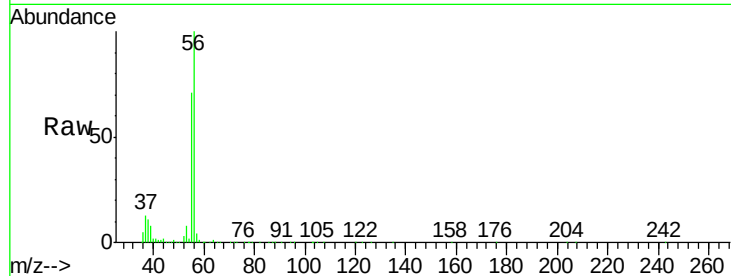
56 100

55 72.2 58.6 87.8

Manual Integrations
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#14

Allyl chloride

Concen: 52.531 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

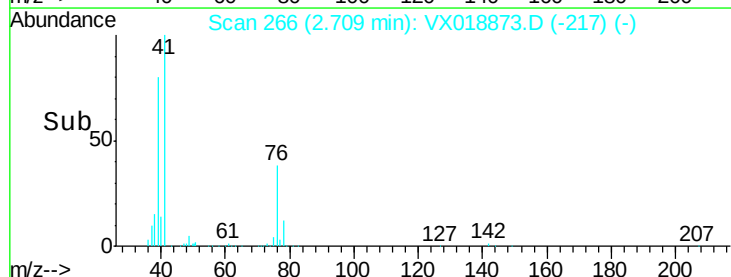
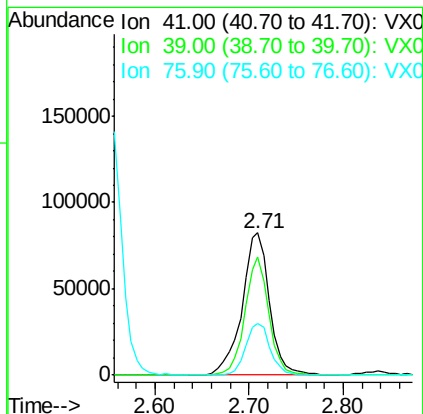
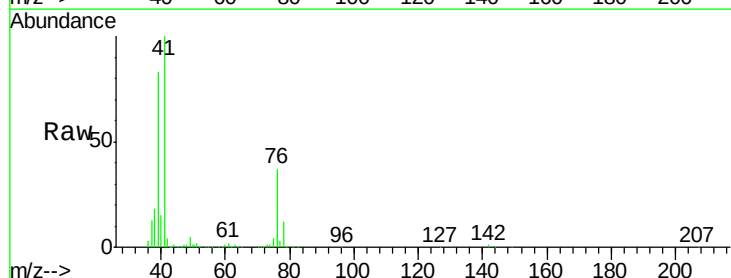
Tgt Ion: 41 Resp: 167659

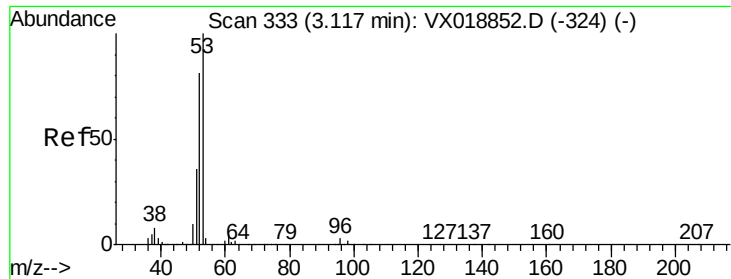
Ion Ratio Lower Upper

41 100

39 72.2 57.8 86.8

76 32.4 26.8 40.2





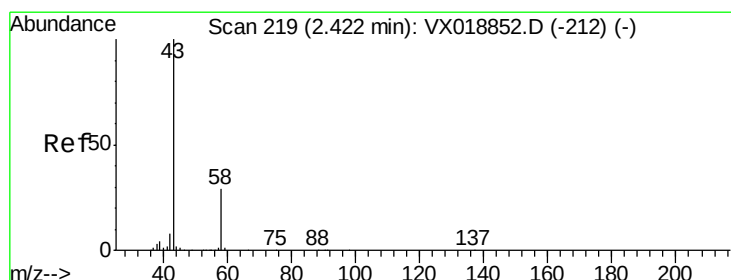
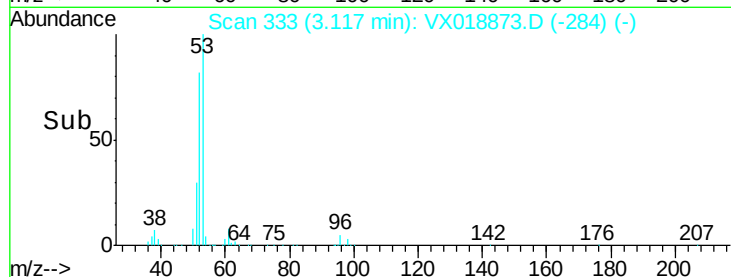
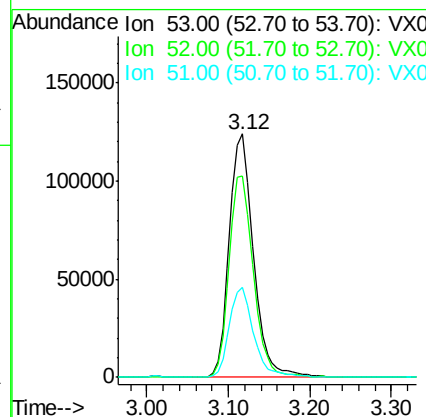
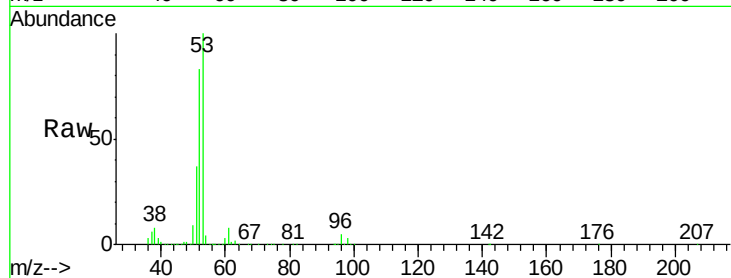
#15
 Acrylonitrile
 Concen: 271.080 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.7	100.1
51	37.8	30.3	45.5

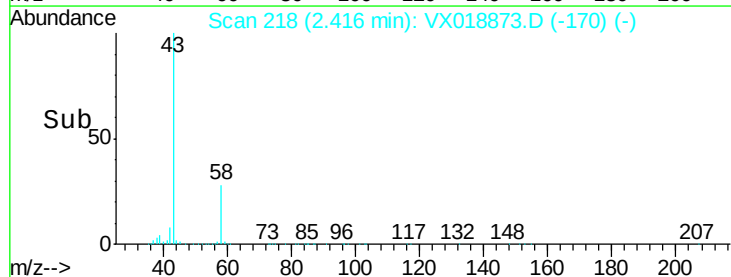
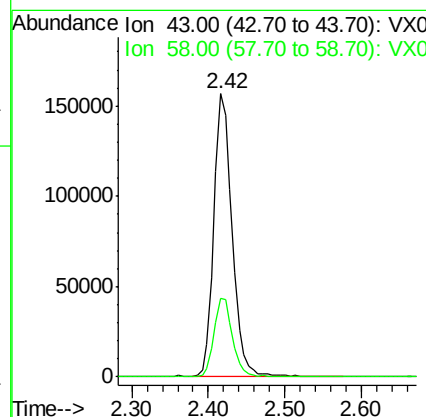
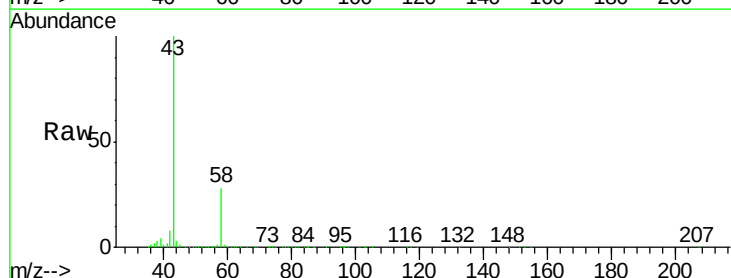
Manual Integrations
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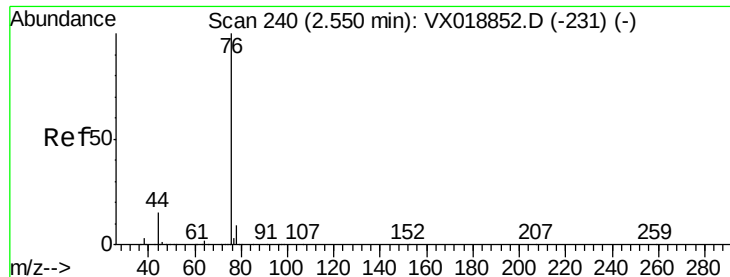
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#16
 Acetone
 Concen: 243.414 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.0	34.4





#17

Carbon Disulfide

Concen: 50.633 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 261357

Ion Ratio Lower Upper

76 100

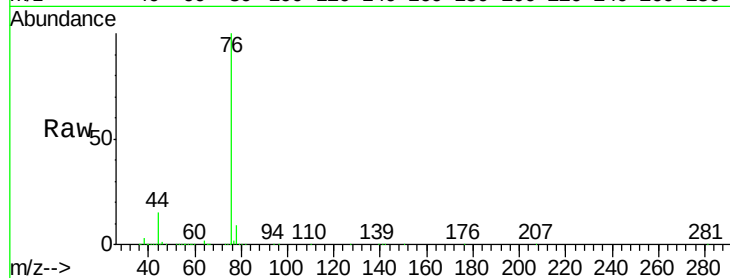
78 8.6 7.3 10.9

Manual Integrations

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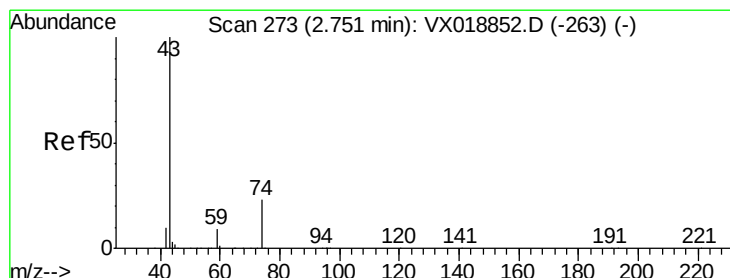
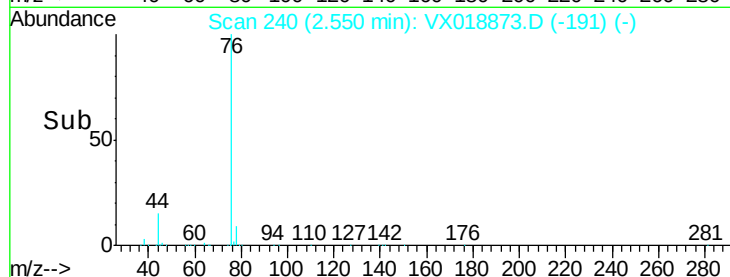
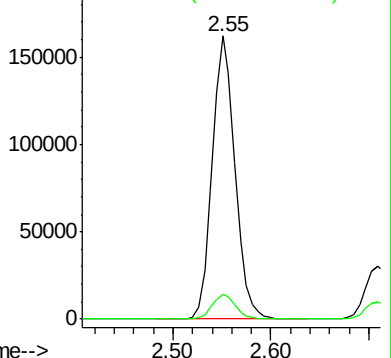
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.123 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018873.D

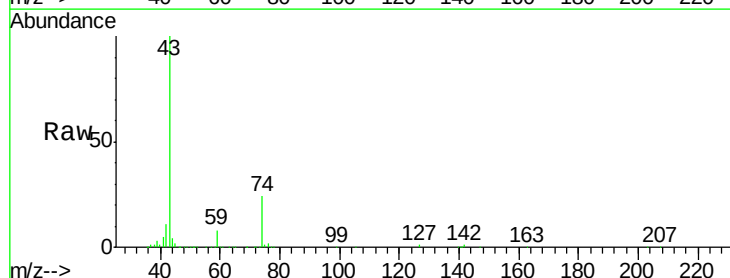
Acq: 09 Oct 2020 22:40

Tgt Ion: 43 Resp: 124145

Ion Ratio Lower Upper

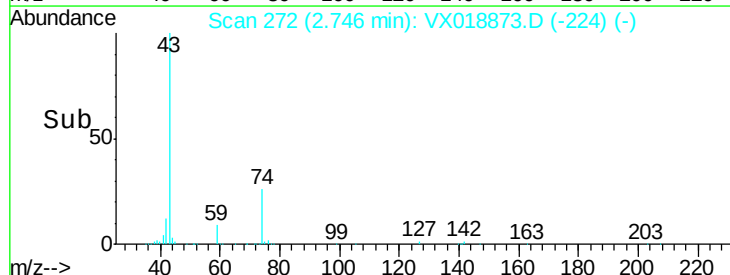
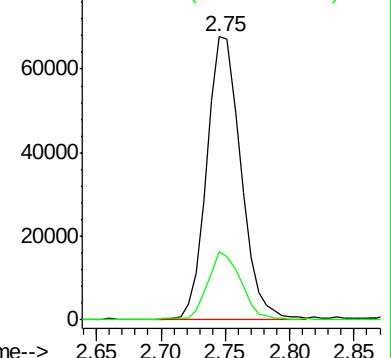
43 100

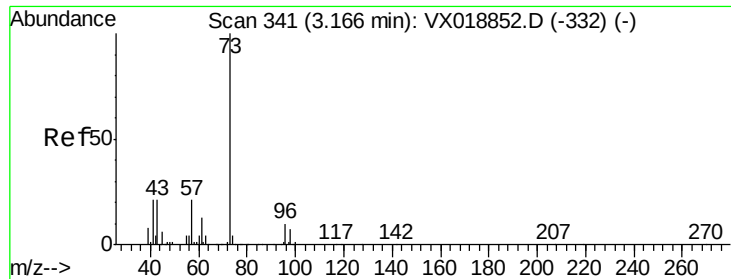
74 24.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

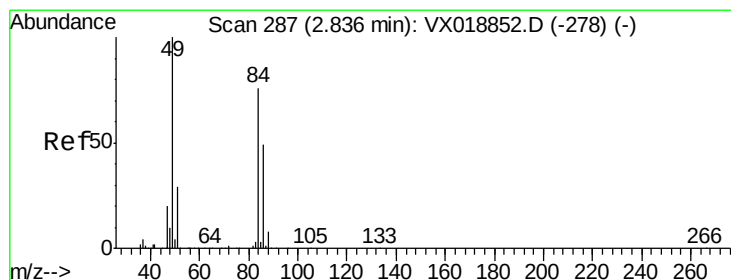
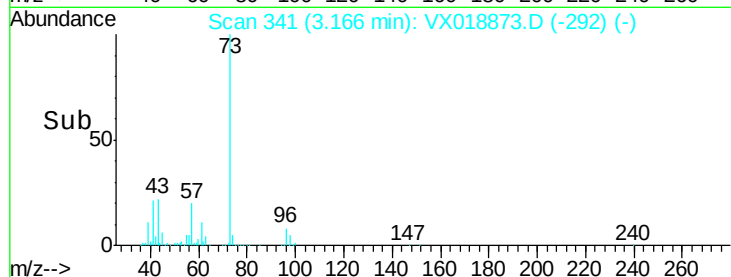
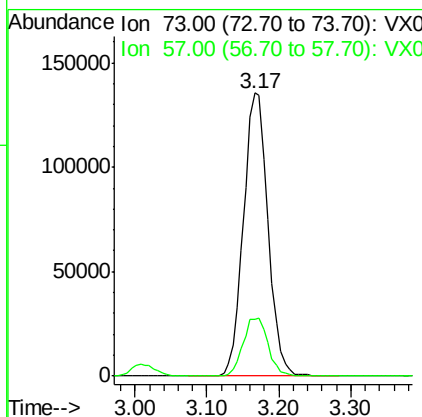
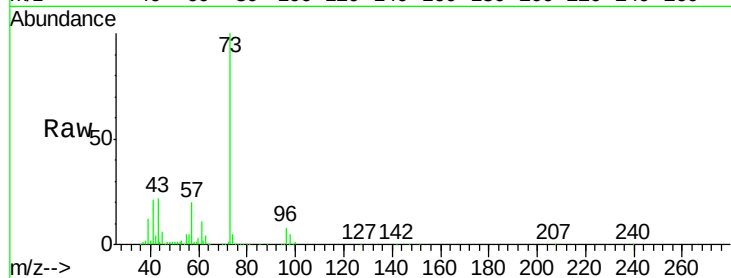
Methyl tert-butyl Ether
 Concen: 54.247 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.0	16.7	25.1

Manual Integrations
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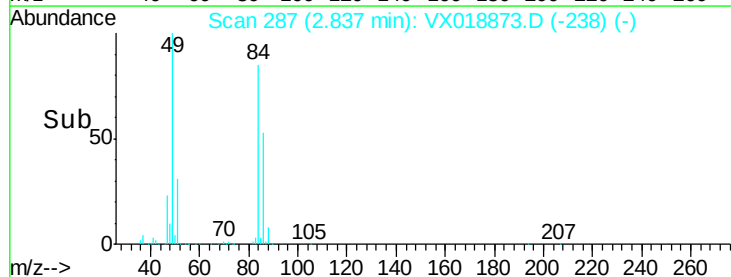
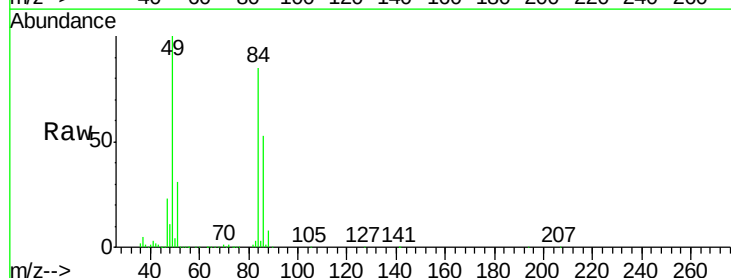
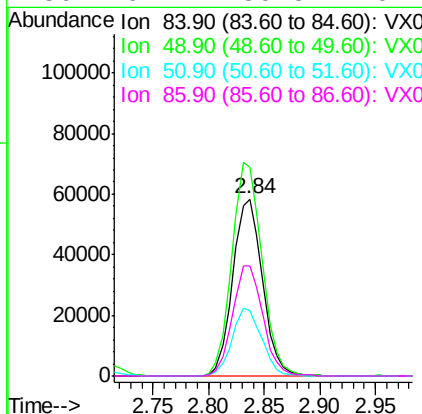
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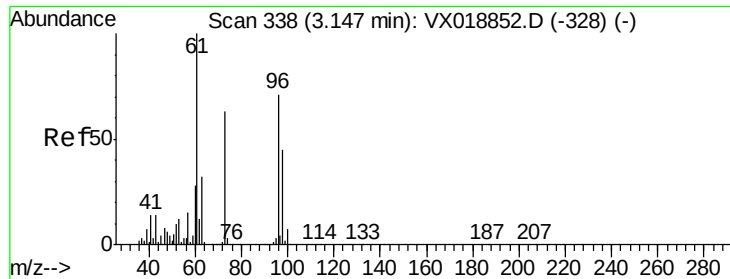


#20

Methylene Chloride
 Concen: 53.933 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.0	104.8	157.2
51	36.7	30.6	46.0
86	62.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 51.791 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

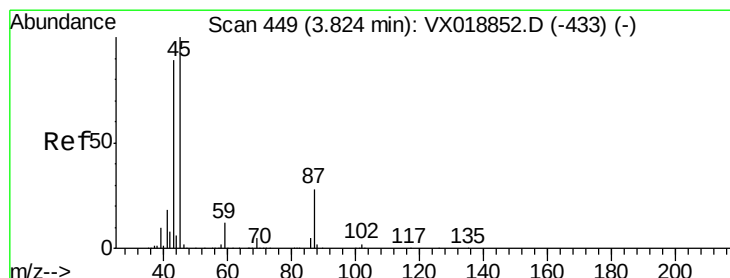
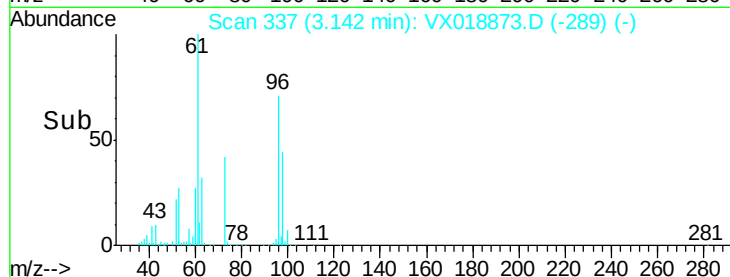
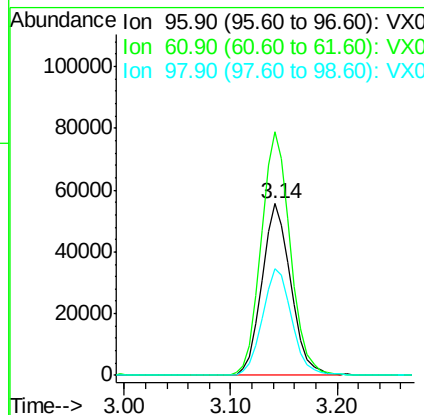
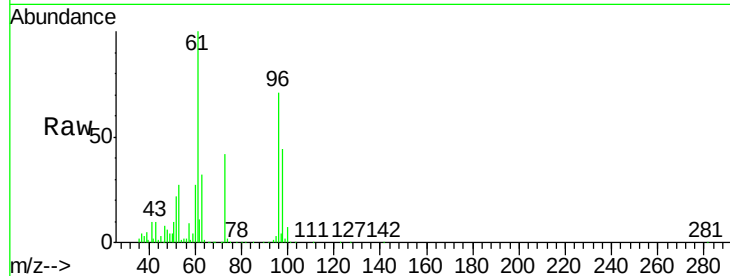
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	105743
Ion	Ratio	Lower	Upper
96	100		
61	142.1	112.0	168.0
98	61.9	50.2	75.2

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#22

Diisopropyl ether

Concen: 53.848 ug/l

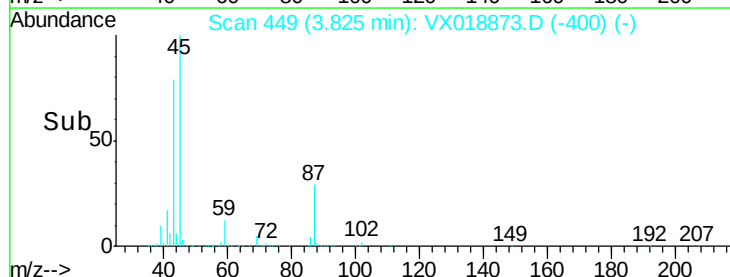
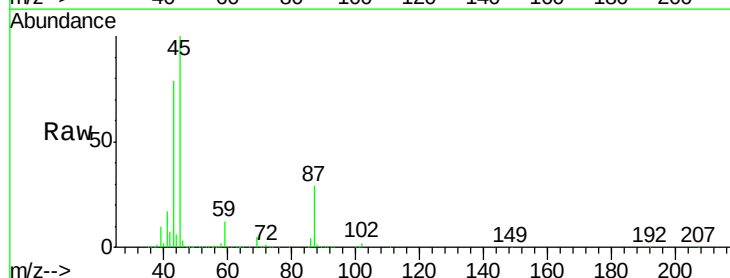
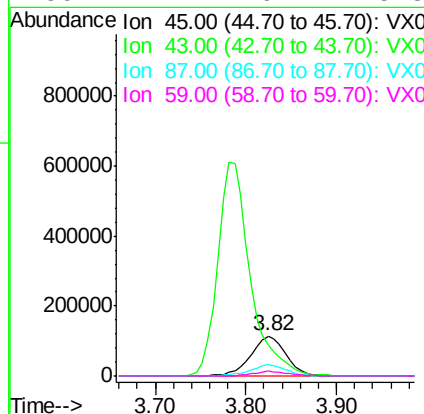
RT: 3.82 min Scan# 449

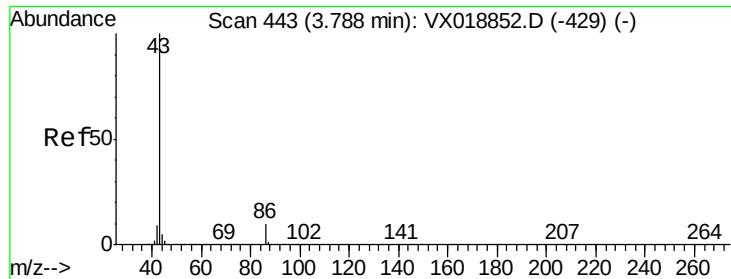
Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Tgt Ion:	45	Resp:	307583
Ion	Ratio	Lower	Upper
45	100		
43	77.3	71.2	106.8
87	29.3	22.5	33.7
59	12.2	9.2	13.8





#23

Vinyl Acetate

Concen: 279.556 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1535753

Ion Ratio Lower Upper

43 100

86 10.5

8.3

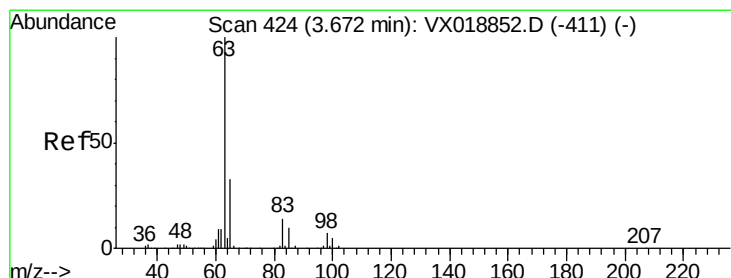
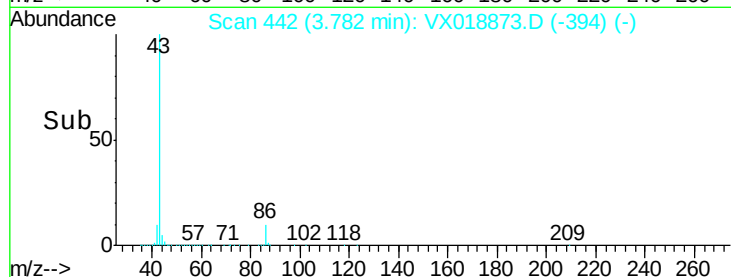
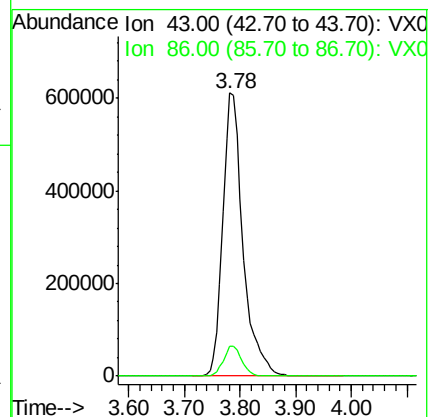
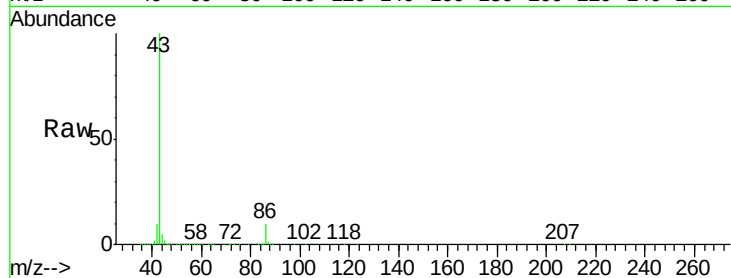
12.5

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#24

1,1-Dichloroethane

Concen: 50.978 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Tgt Ion: 63 Resp: 195776

Ion Ratio Lower Upper

63 100

98 7.4

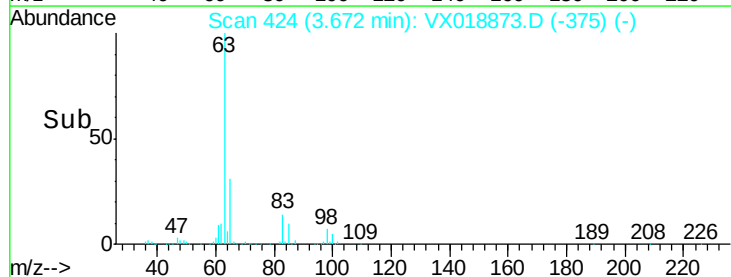
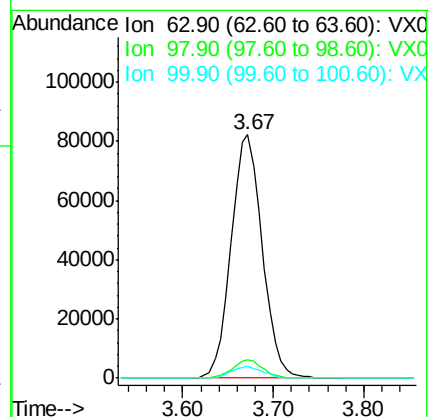
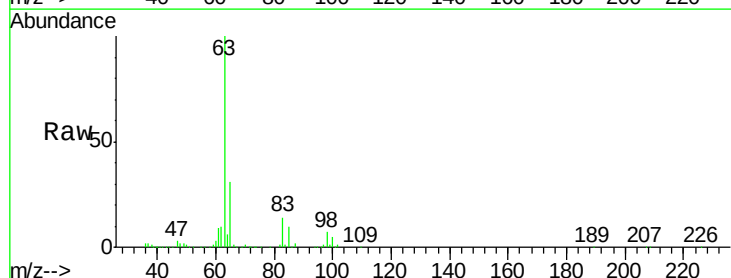
3.8

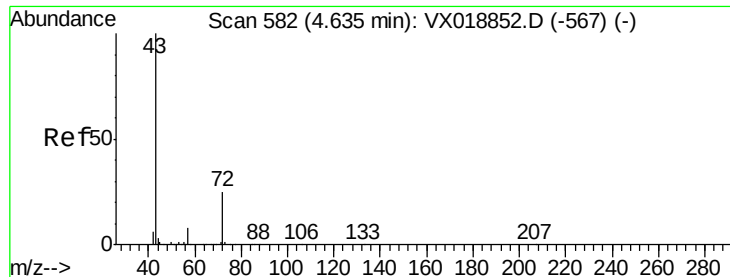
11.2

100 5.1

2.5

7.6





#25

2-Butanone

Concen: 258.568 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 393718

Ion Ratio Lower Upper

43 100

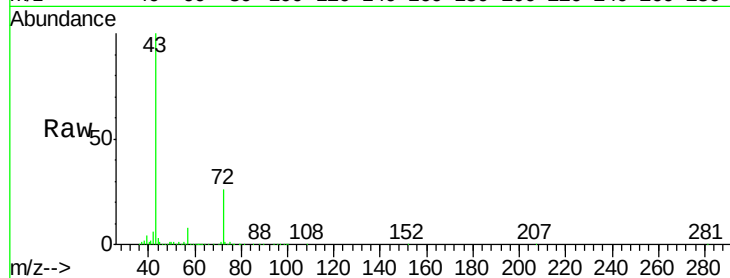
72 25.8 20.2 30.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

50000

0

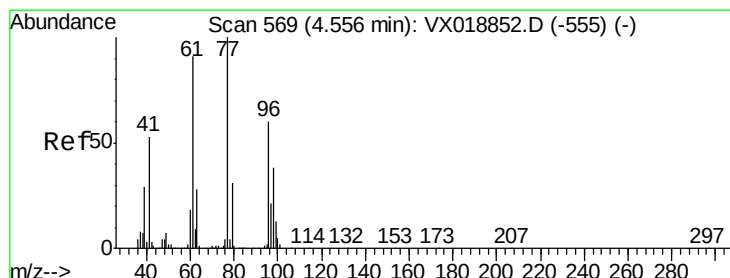
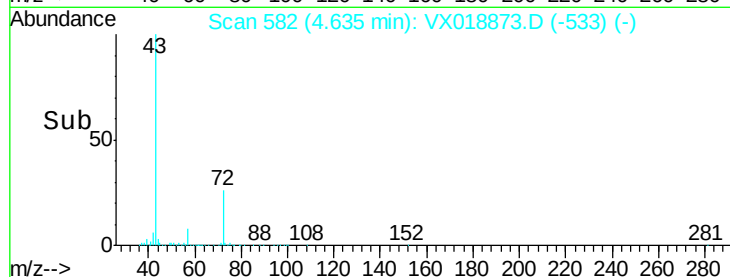
4.64

4.50

4.60

4.70

Time-->



#26

2,2-Dichloropropane

Concen: 44.739 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX018873.D

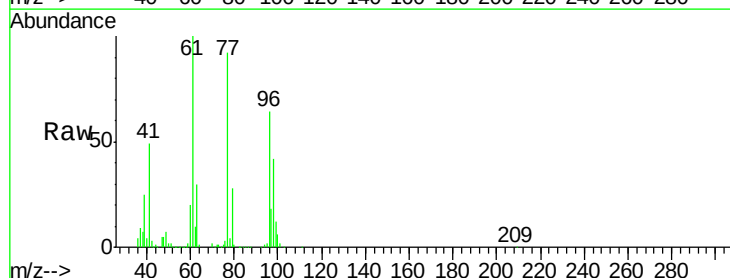
Acq: 09 Oct 2020 22:40

Tgt Ion: 77 Resp: 165777

Ion Ratio Lower Upper

77 100

97 20.8 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

20000

10000

0

4.56

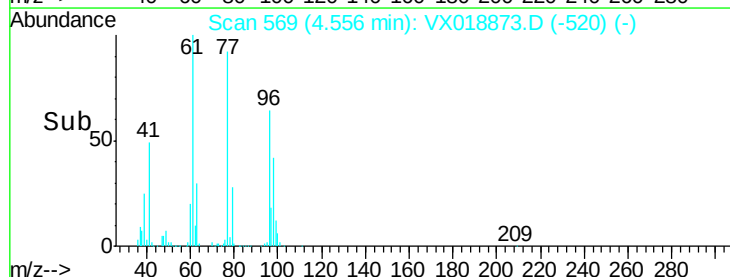
4.40

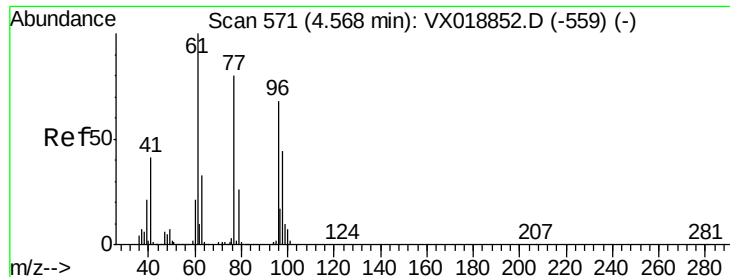
4.50

4.60

4.70

Time-->





#27

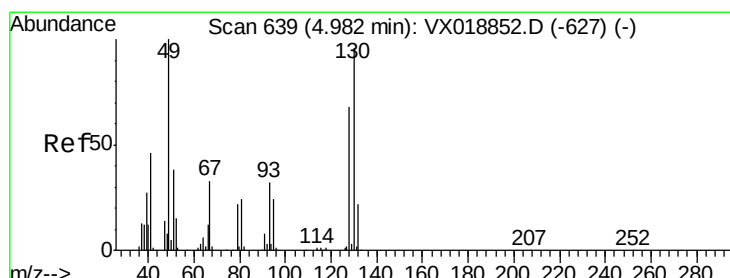
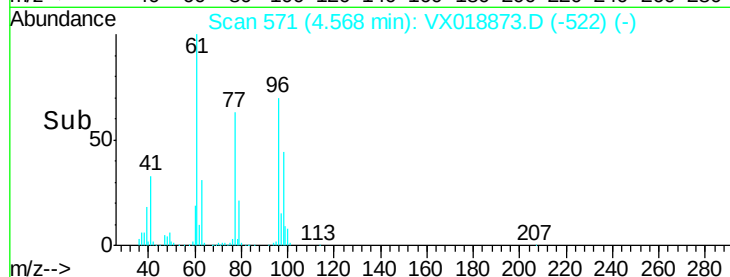
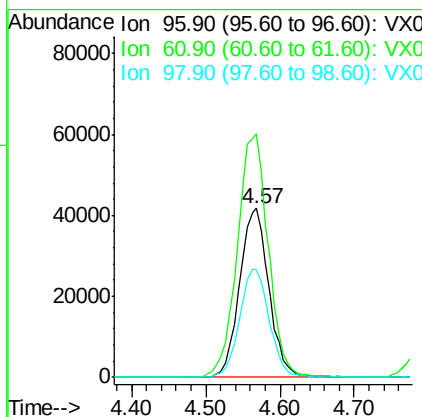
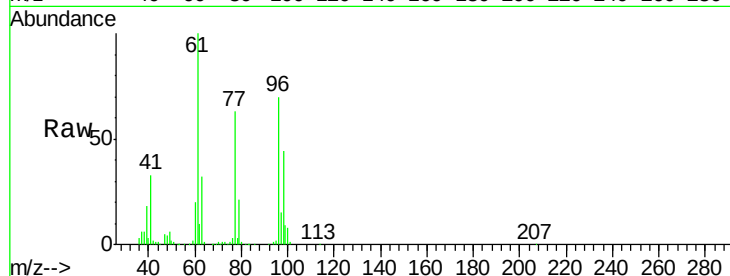
cis-1,2-Dichloroethene
Concen: 50.802 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	152.1	0.0	306.8	
98	65.0	0.0	130.2	

Manual Integrations
APPROVED

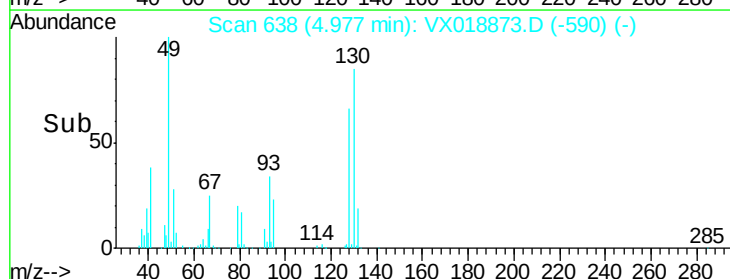
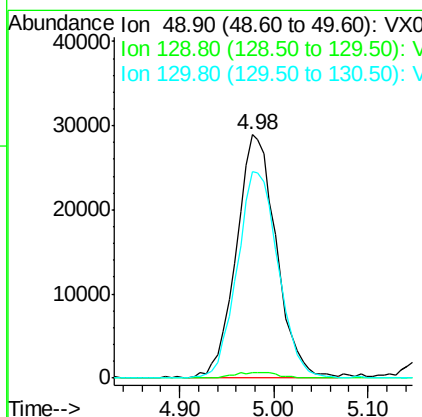
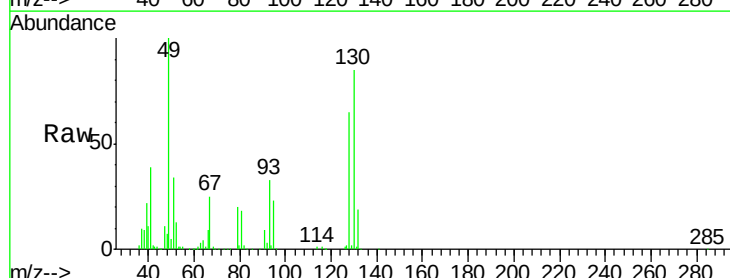
MMDadoda
10/12/2020 2:23:37 PM

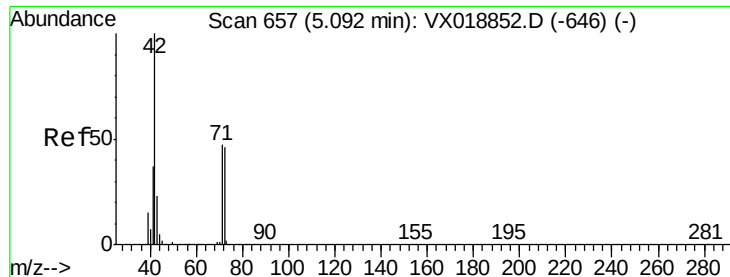


#28

Bromochloromethane
Concen: 50.013 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	5.4	
130	87.5	71.2	106.8	





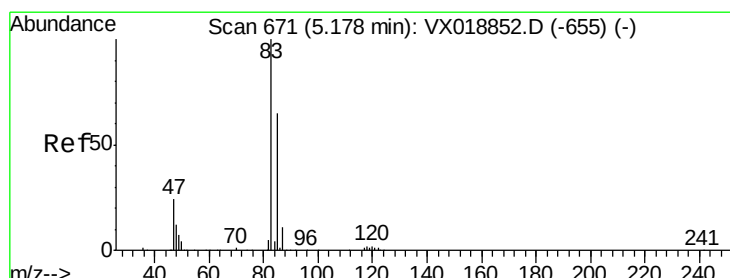
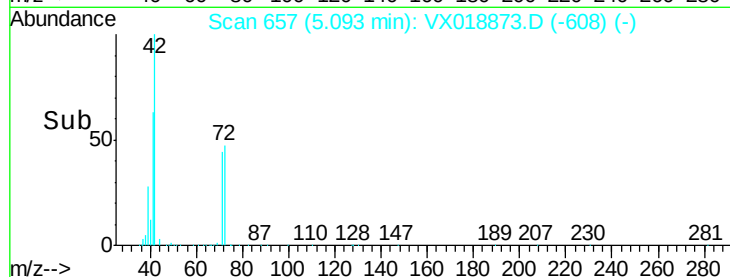
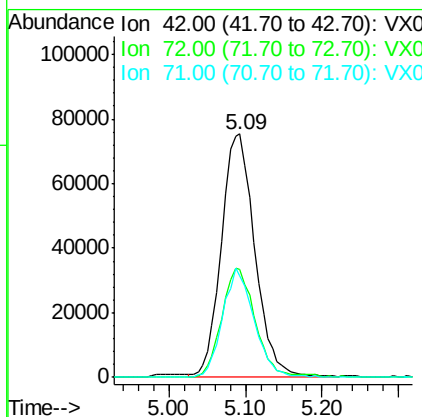
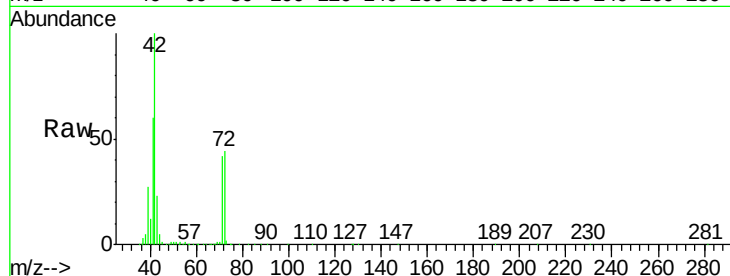
#29
Tetrahydrofuran
Concen: 277.768 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.4	54.6
71	42.5	35.2	52.8

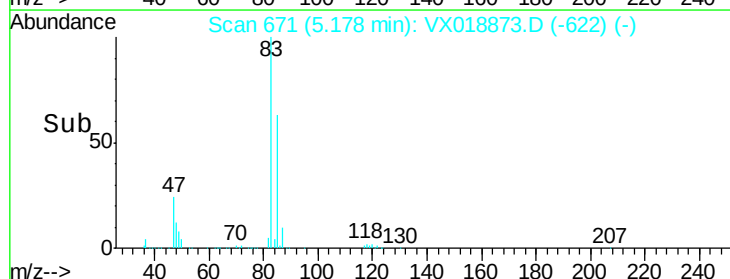
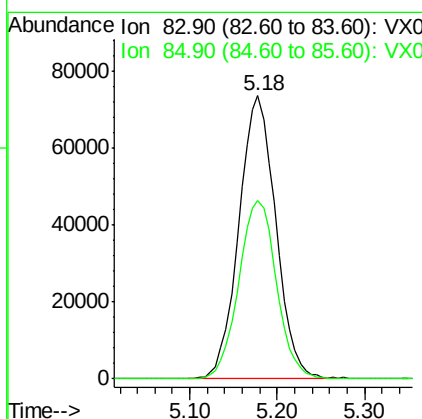
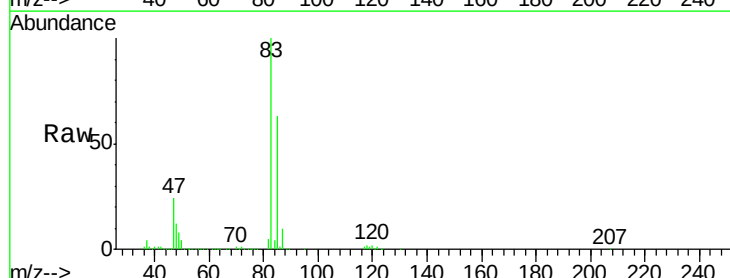
Manual Integrations
APPROVED

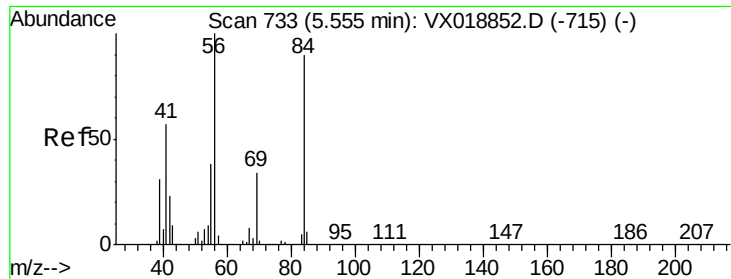
MMDadoda
10/12/2020 2:23:37 PM



#30
Chloroform
Concen: 51.021 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.8





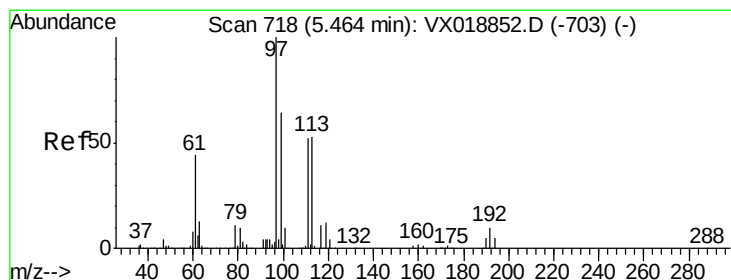
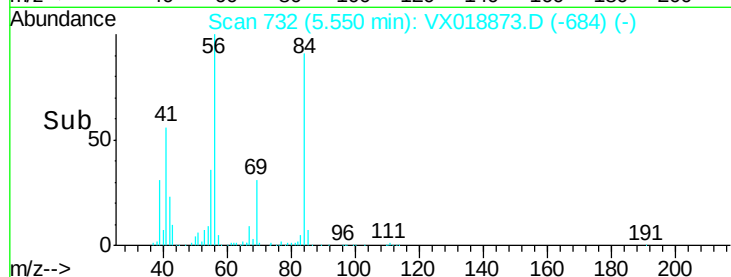
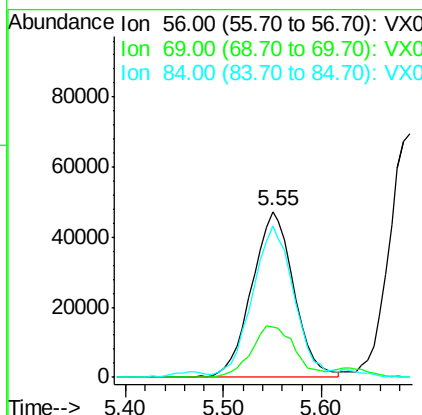
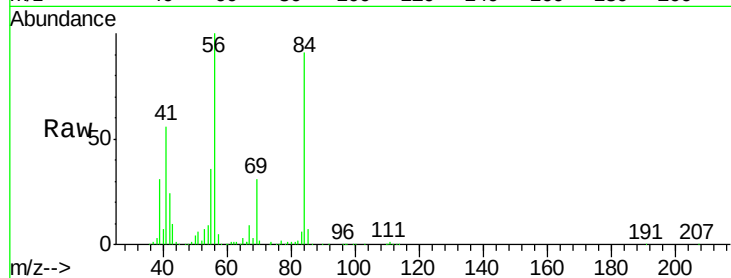
#31
Cyclohexane
Concen: 53.467 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	27.1	40.7
84	88.2	71.7	107.5

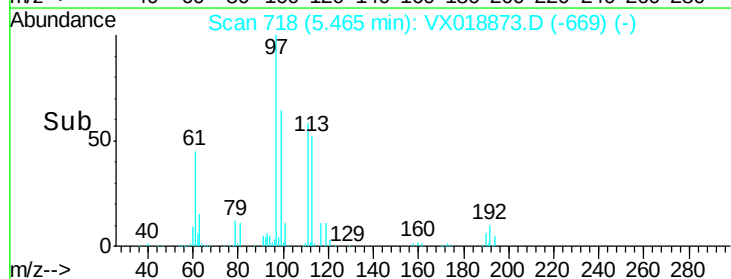
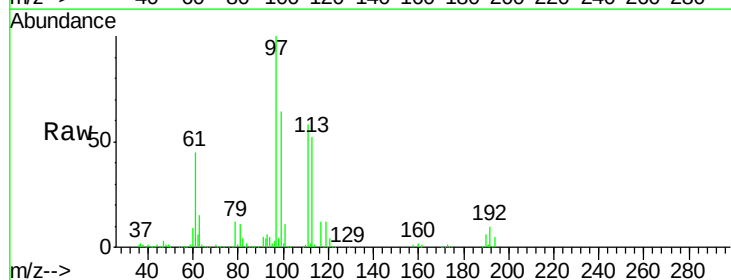
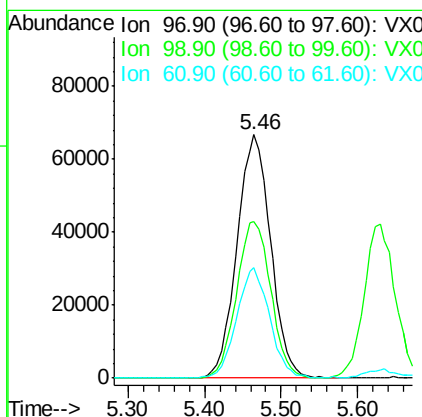
Manual Integrations
APPROVED

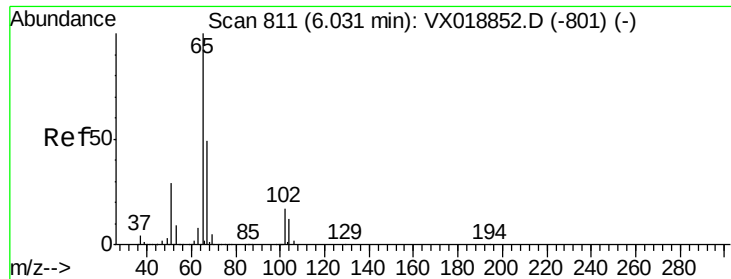
MMDadoda
10/12/2020 2:23:37 PM



#32
1,1,1-Trichloroethane
Concen: 50.758 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.1	78.1
61	44.3	35.3	52.9





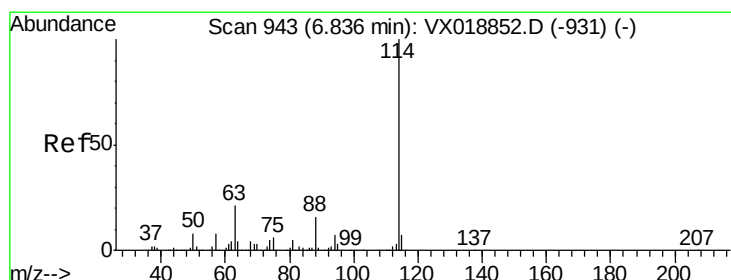
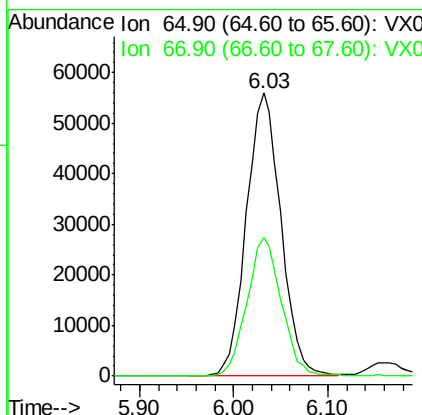
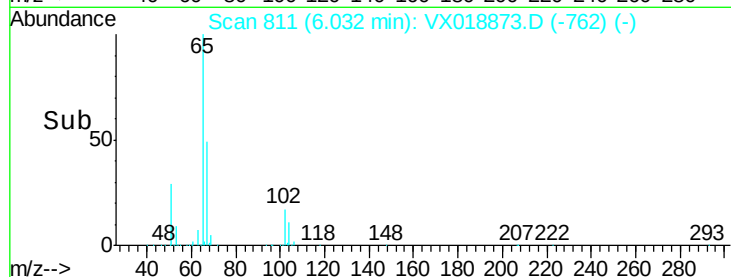
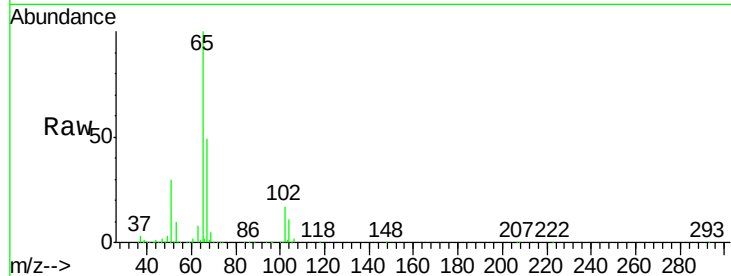
#33
 1,2-Dichloroethane-d4
 Concen: 51.273 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	97.0

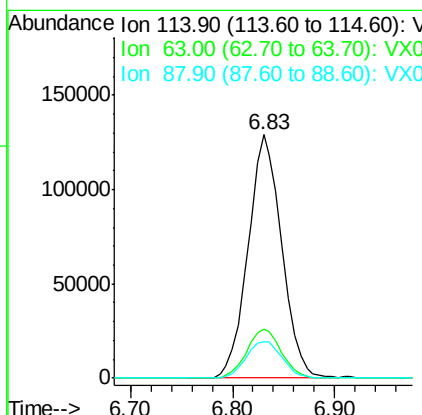
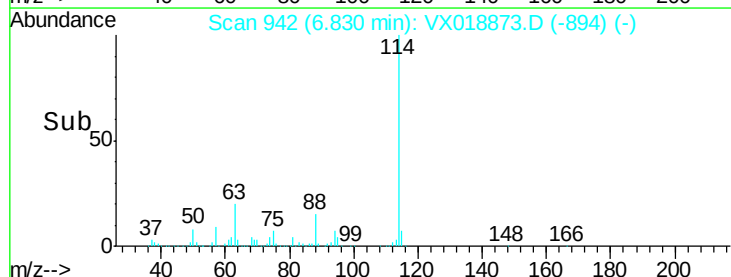
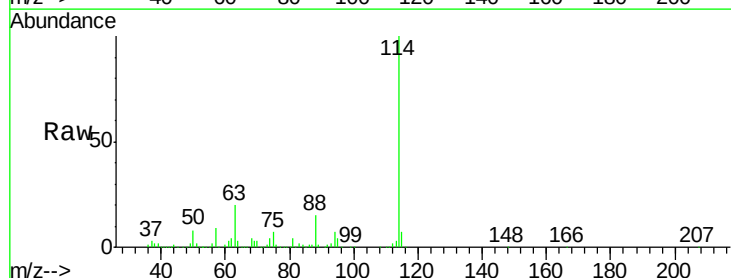
Manual Integrations
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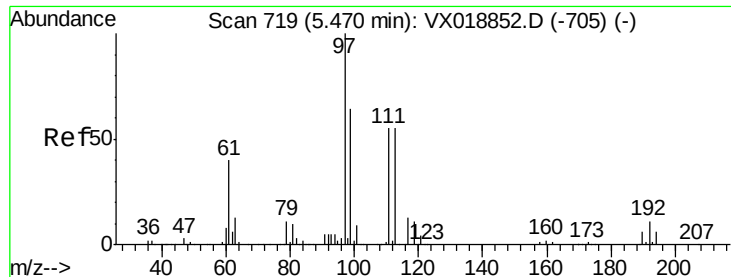
MMDadoda
 10/12/2020 2:23:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.4
88	15.1	0.0	32.6





#35

Dibromofluoromethane

Concen: 49.534 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

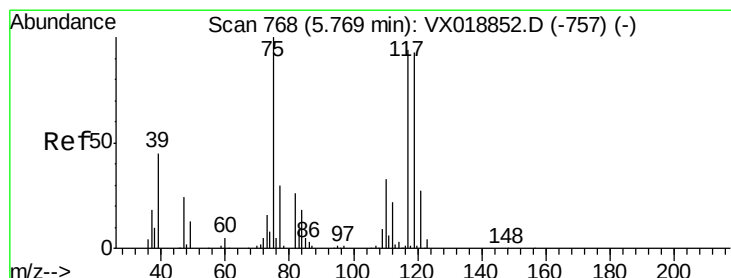
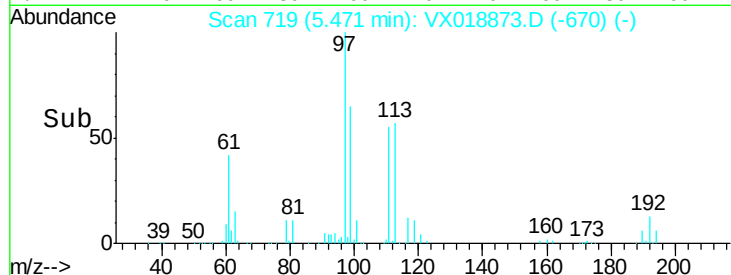
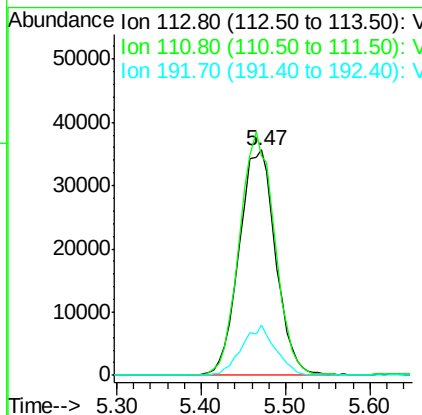
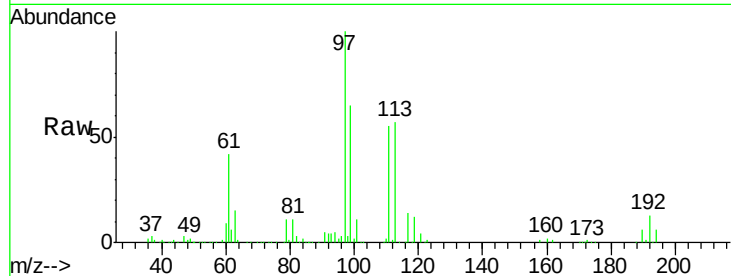
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	104561
Ion Ratio	Lower	Upper	
113	100		
111	104.4	80.1	120.1
192	20.5	16.0	24.0

Manual Integrations
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MMDadoda
10/12/2020 2:23:37 PM



#36

1,1-Dichloropropene

Concen: 47.789 ug/l

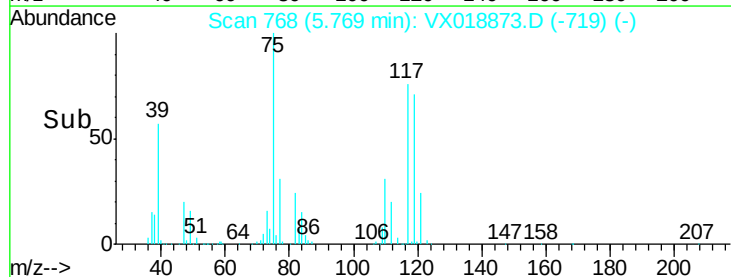
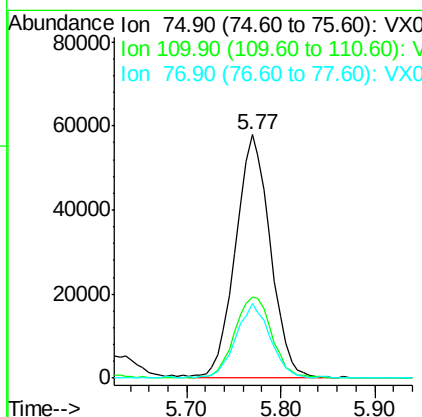
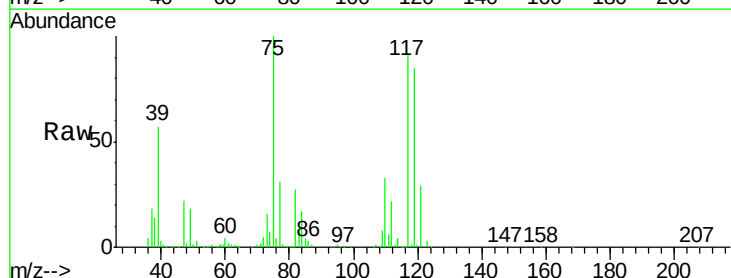
RT: 5.77 min Scan# 768

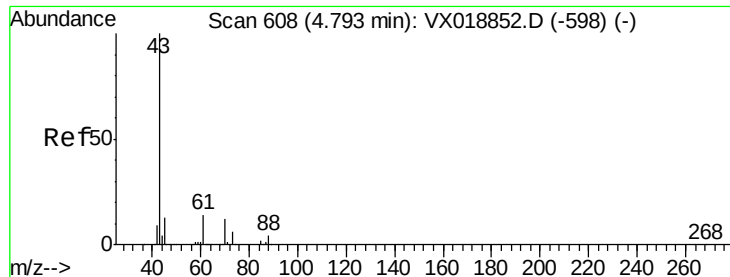
Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Tgt Ion:	75	Resp:	148824
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.8	53.5
77	29.6	24.2	36.4





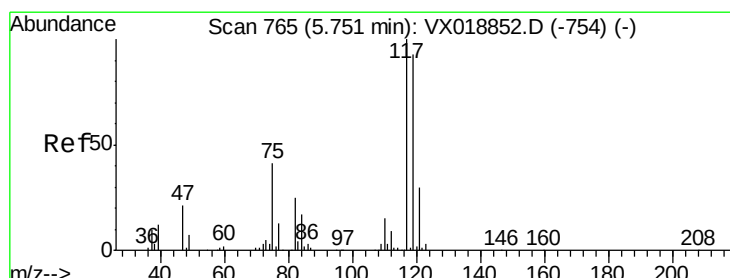
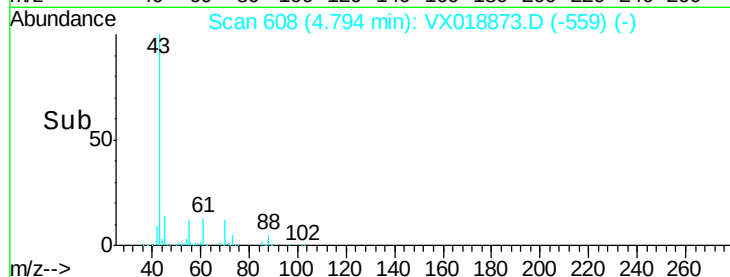
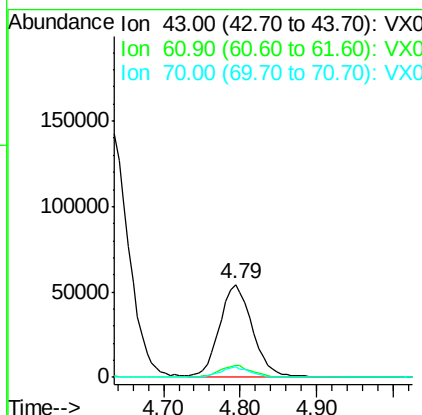
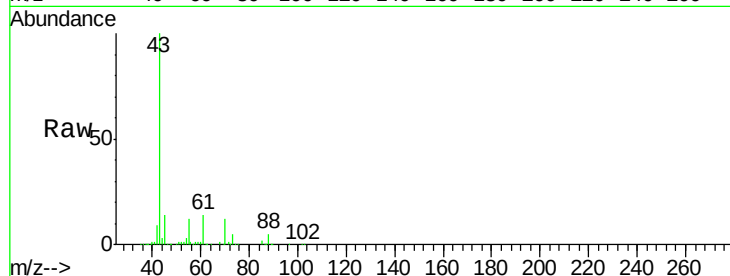
#37
Ethyl Acetate
Concen: 53.074 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	159613
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.9	16.3
70	10.6	8.6	13.0

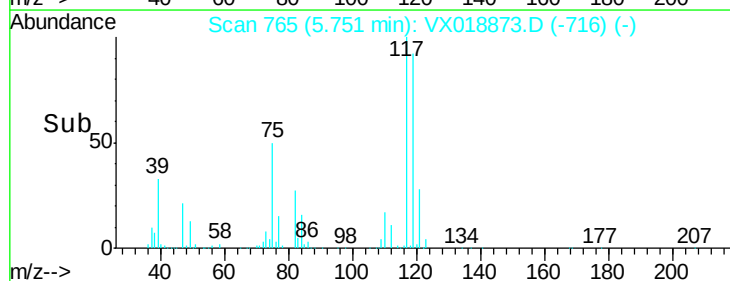
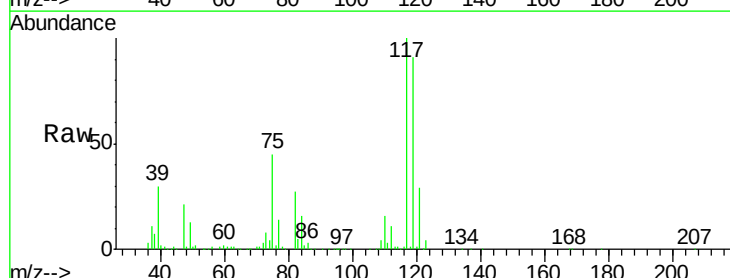
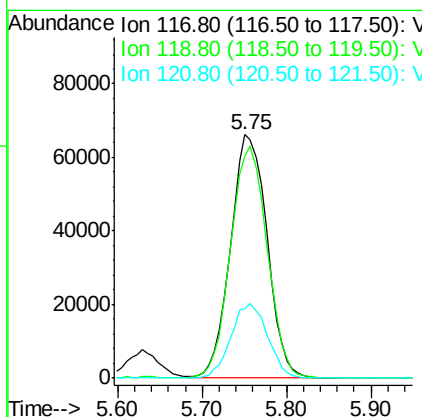
Manual Integrations
APPROVED

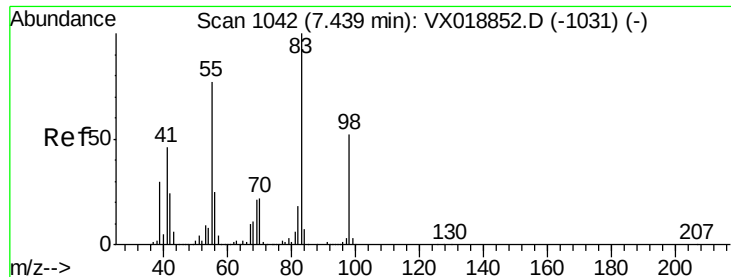
MMDadoda
10/12/2020 2:23:37 PM



#38
Carbon Tetrachloride
Concen: 50.423 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion:	117	Resp:	194628
Ion	Ratio	Lower	Upper
117	100		
119	91.3	73.9	110.9
121	28.7	23.6	35.4





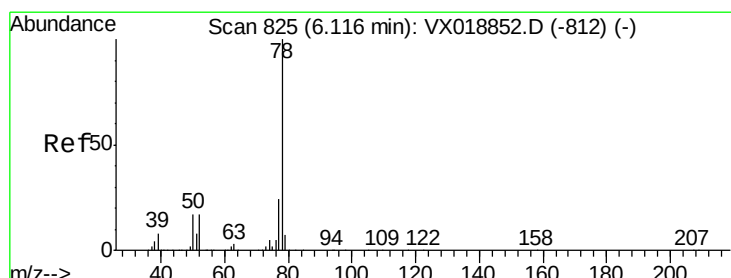
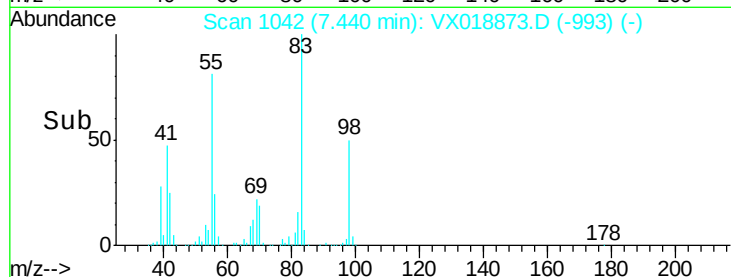
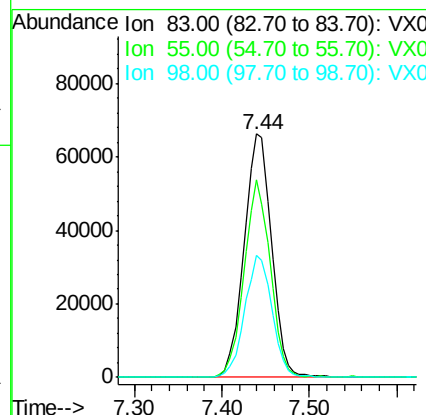
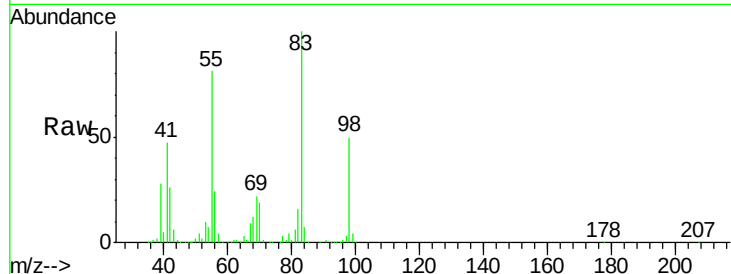
#39
Methylvlcyclohexane
Concen: 50.395 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	144673		
55	81.1		61.8	92.6
98	50.3		41.4	62.0

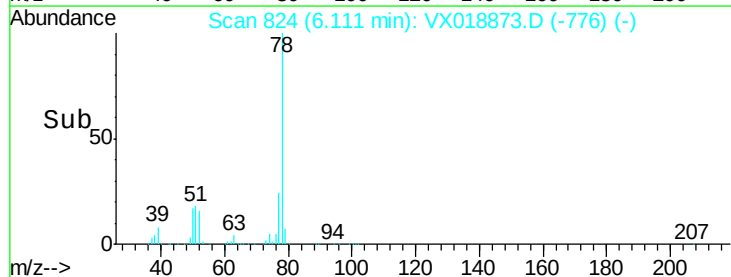
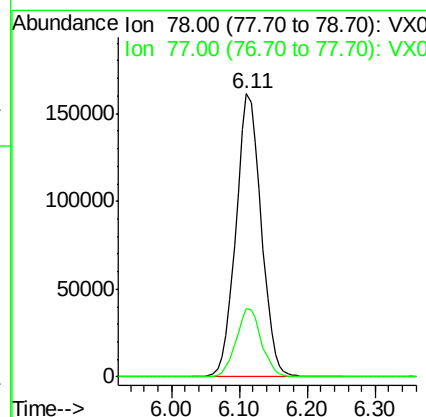
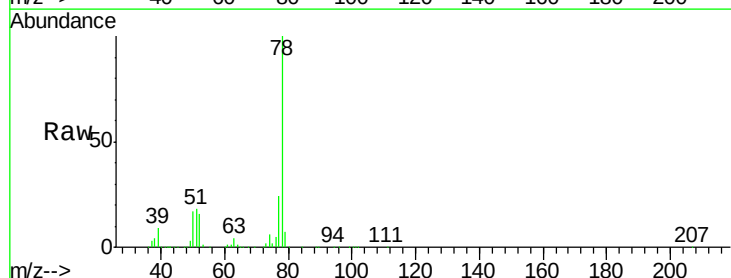
Manual Integrations
APPROVED

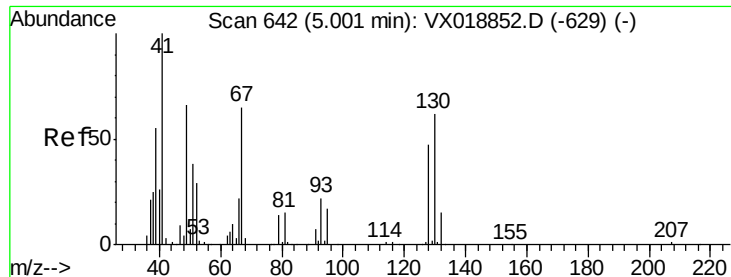
MMDadoda
10/12/2020 2:23:37 PM



#40
Benzene
Concen: 49.687 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	415720		
77	23.9		19.1	28.7





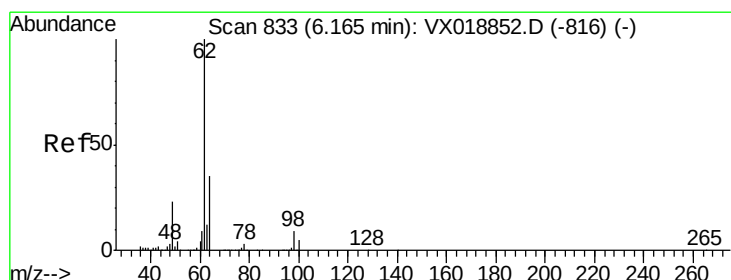
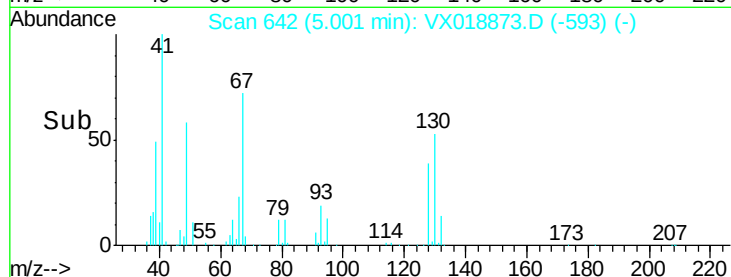
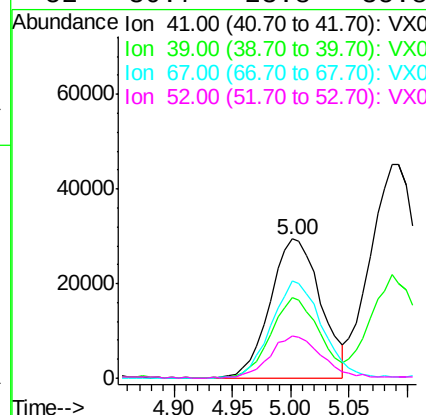
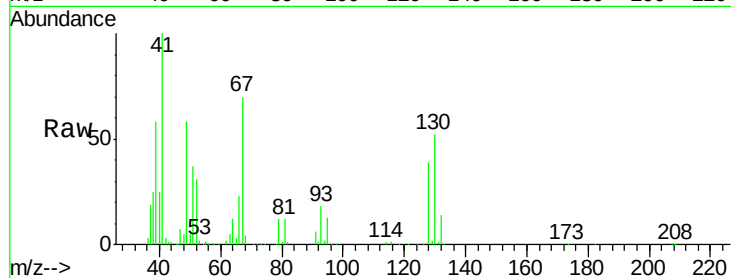
#41
Methacrylonitrile
Concen: 50.802 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	88630
Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.4	68.2
67	70.2	55.4	83.2
52	30.7	23.8	35.8

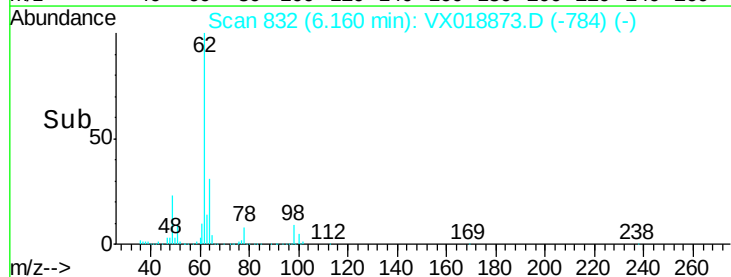
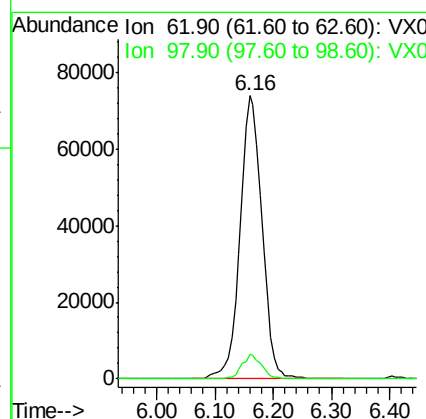
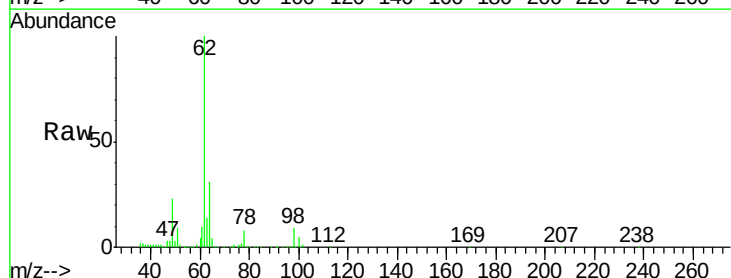
Manual Integrations
APPROVED

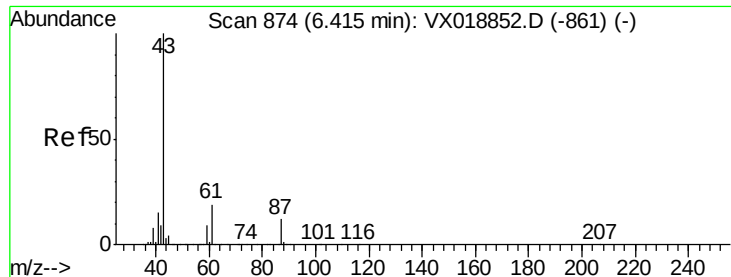
MMDadoda
10/12/2020 2:23:37 PM



#42
1,2-Dichloroethane
Concen: 49.372 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion:	62	Resp:	193662
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.4





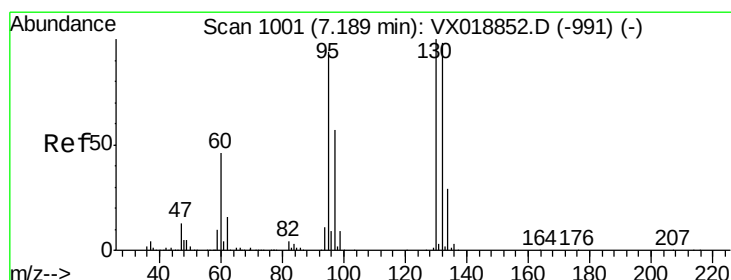
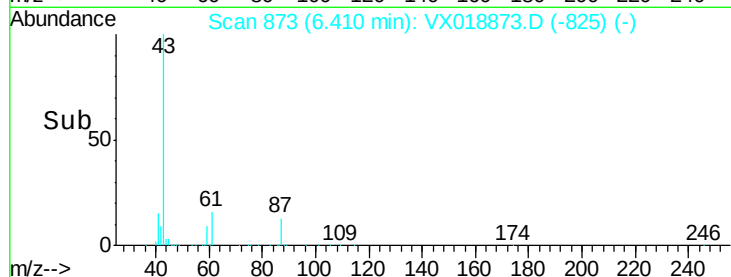
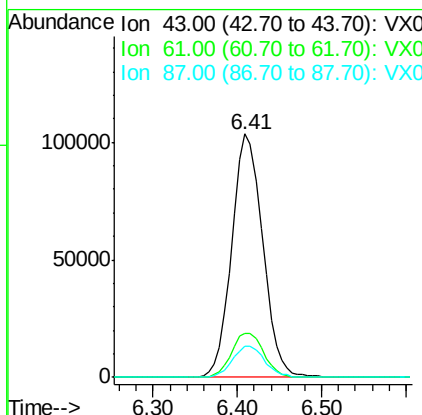
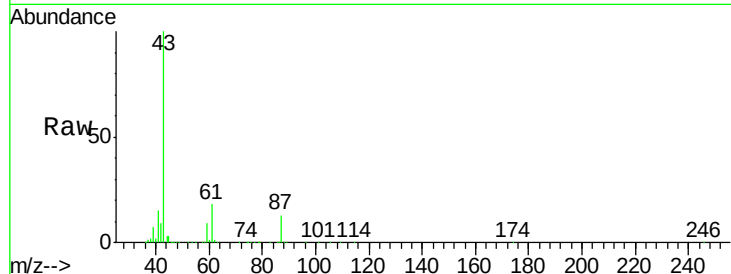
#43
Isopropyl Acetate
Concen: 51.436 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.5	23.3
87	13.3	10.8	16.2

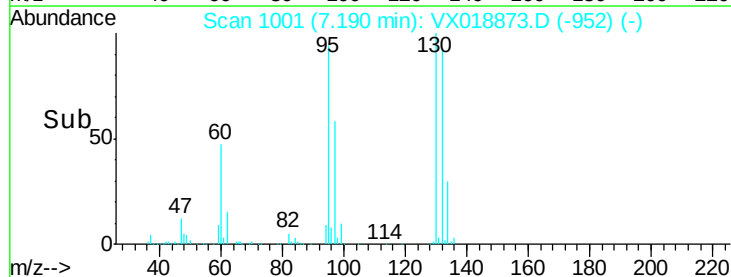
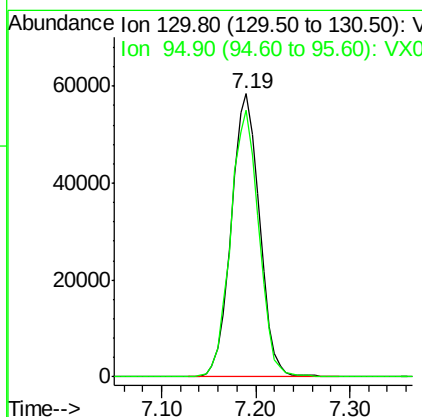
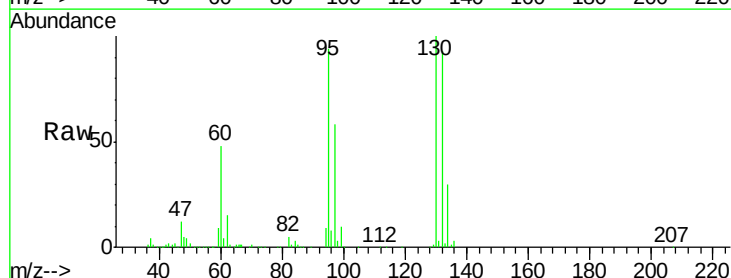
Manual Integrations
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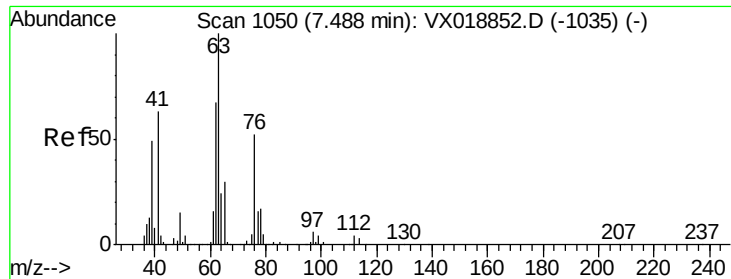
MMDadoda
10/12/2020 2:23:37 PM



#44
Trichloroethene
Concen: 48.545 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	188.4





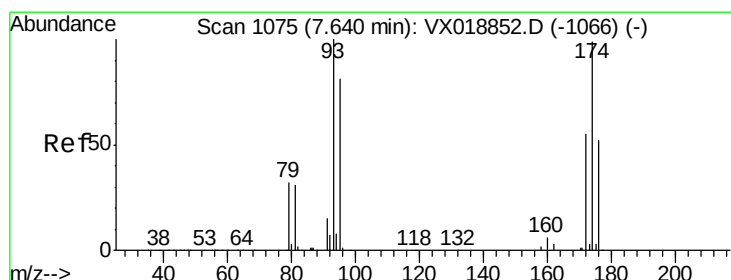
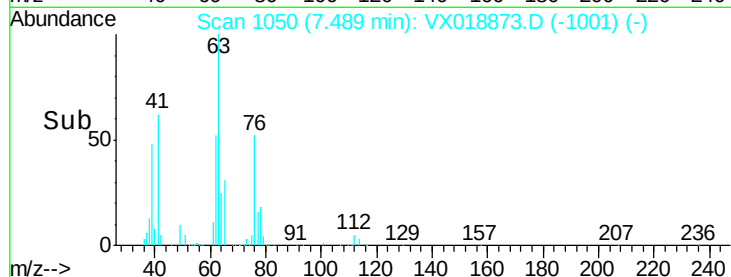
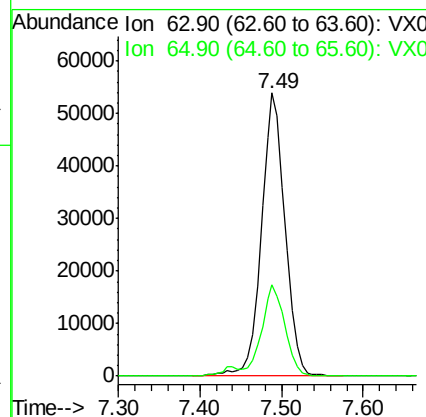
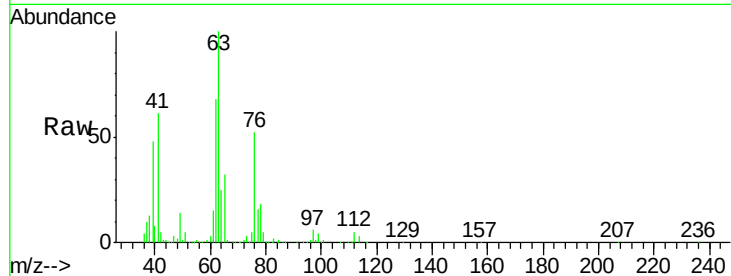
#45
 1,2-Dichloropropane
 Concen: 49.332 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 109213
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.2 36.4

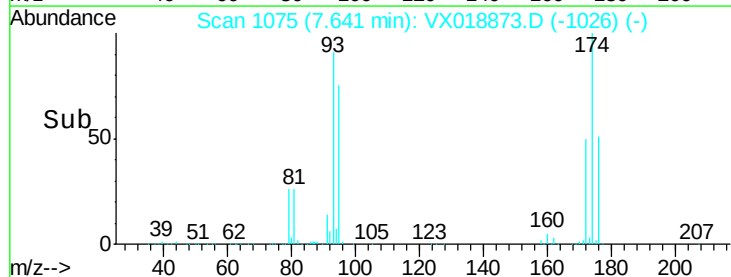
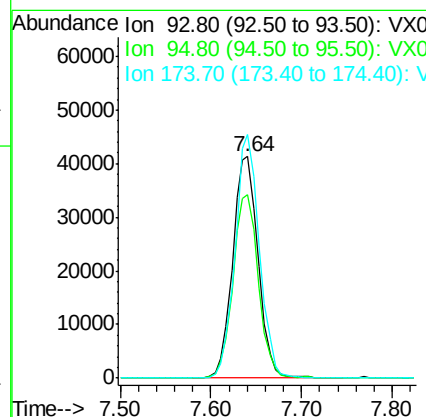
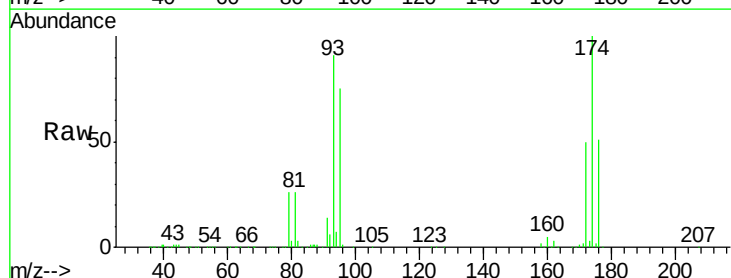
Manual Integrations
 APPROVED

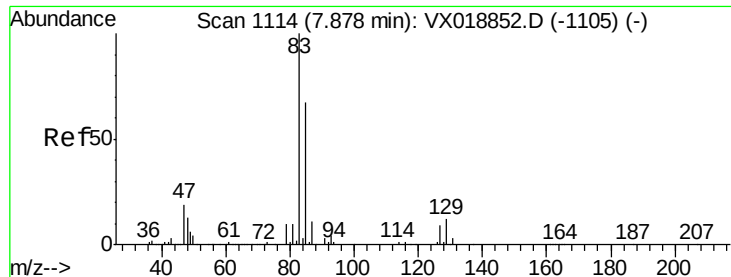
MMDadoda
 10/12/2020 2:23:37 PM



#46
 Dibromomethane
 Concen: 49.603 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion: 93 Resp: 81151
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.1 99.1
 174 104.7 84.6 127.0





#47

Bromodichloromethane

Concen: 49.311 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

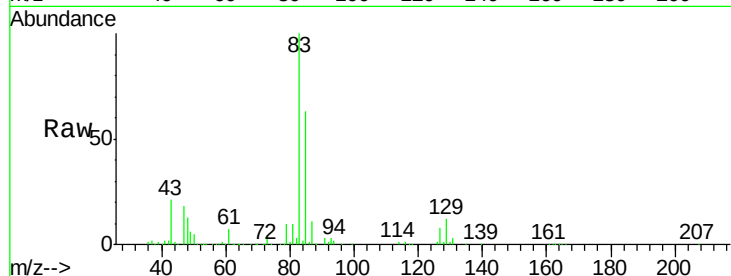
ClientSampleId :

VSTDCCC050

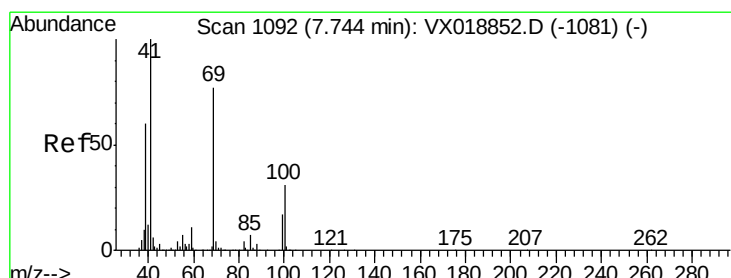
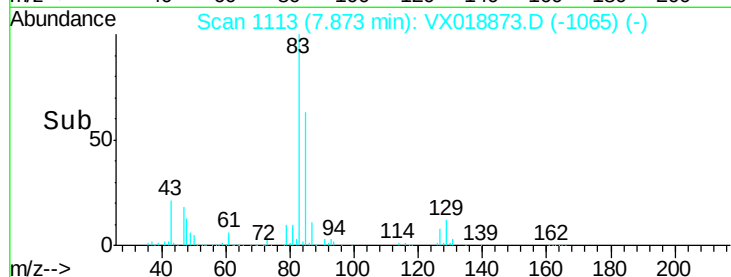
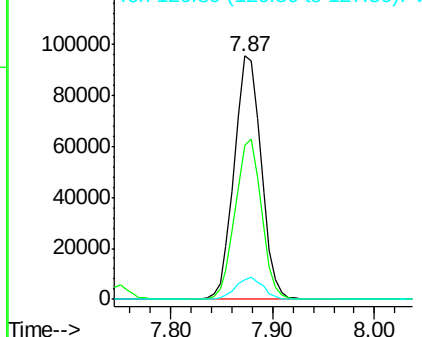
Tot Ion:	83	Resp:	174820
Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.8	80.6
127	8.2	7.5	11.3

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.058 ug/l

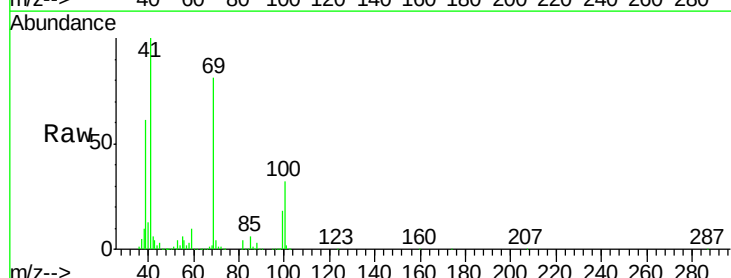
RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

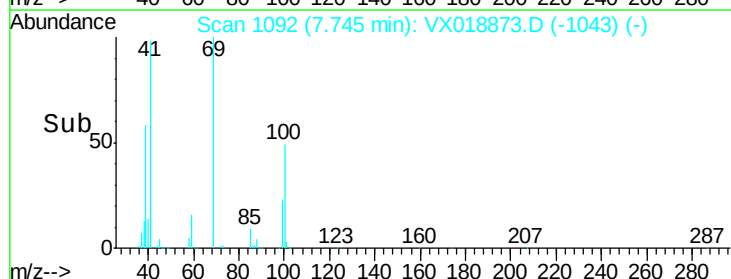
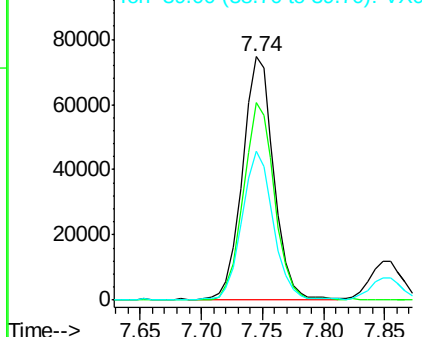
Lab File: VX018873.D

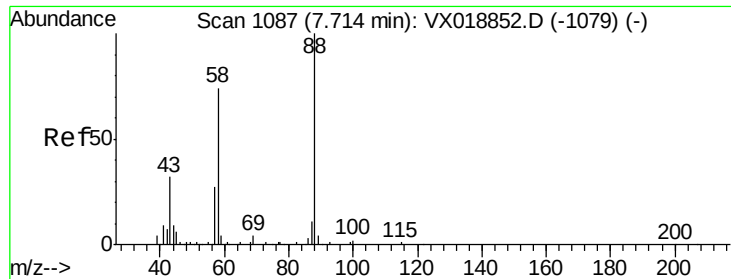
Acq: 09 Oct 2020 22:40

Tgt Ion:	41	Resp:	132021
Ion	Ratio	Lower	Upper
41	100		
69	80.9	64.6	97.0
39	60.7	48.6	73.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





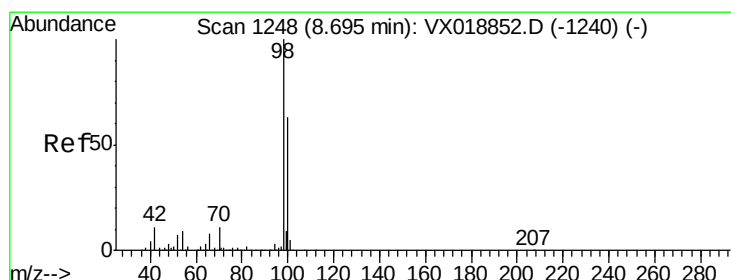
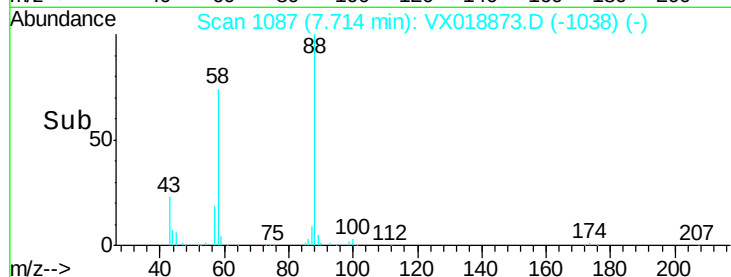
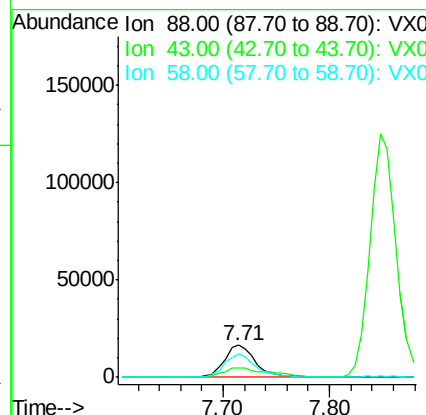
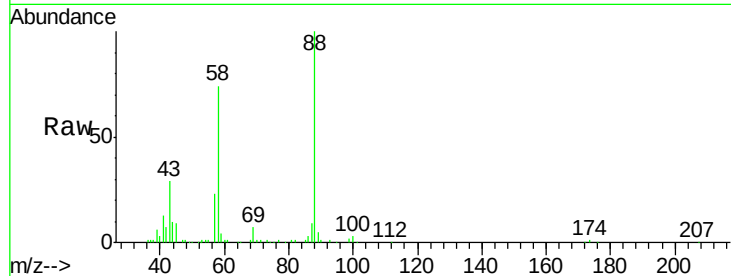
#49
1,4-Dioxane
Concen: 940.284 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.4	31.0	46.6
58	75.0	59.3	88.9

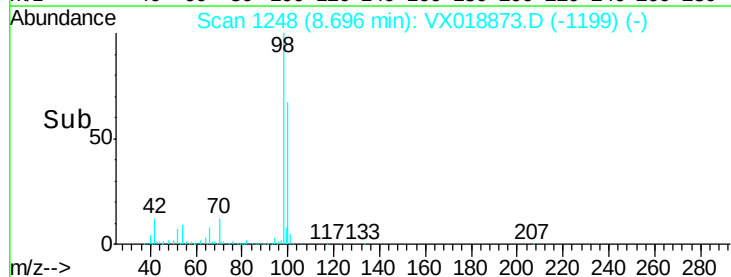
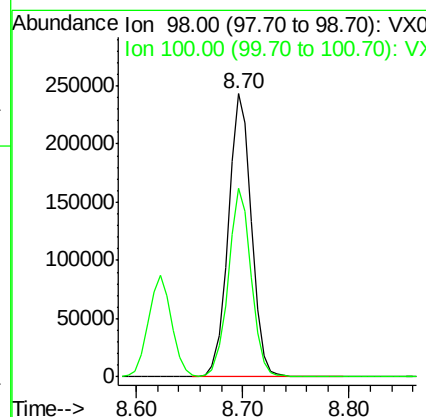
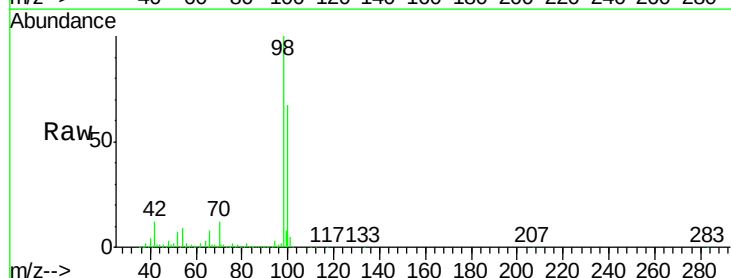
Manual Integrations
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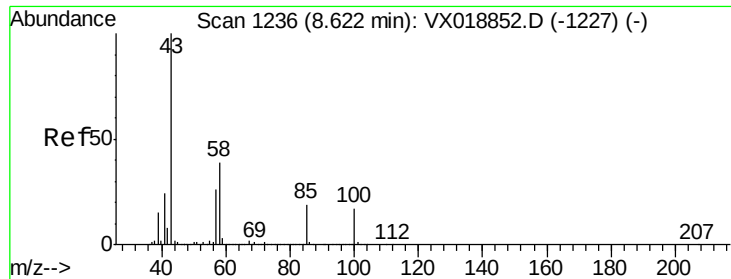
MMDadoda
10/12/2020 2:23:37 PM



#50
Toluene-d8
Concen: 50.293 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 278.110 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 811274

Ion Ratio Lower Upper

43 100

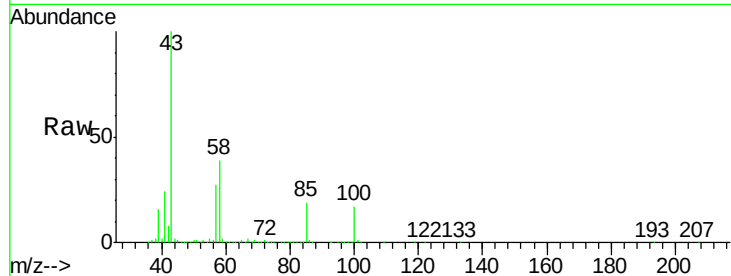
58 38.1 30.9 46.3

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

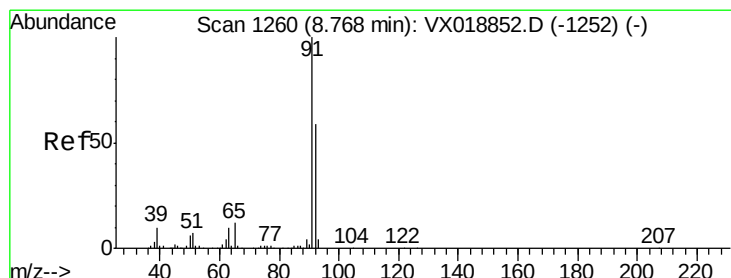
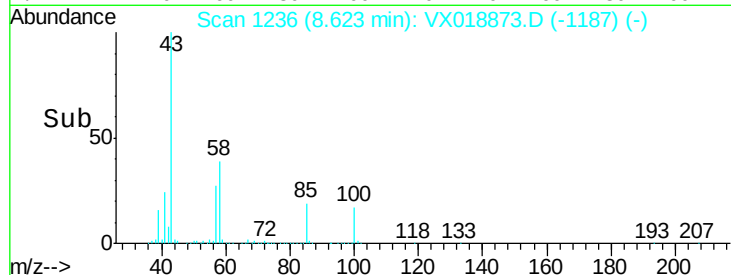
200000

100000

0

8.50 8.60 8.70

Time-->



#52

Toluene

Concen: 51.288 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018873.D

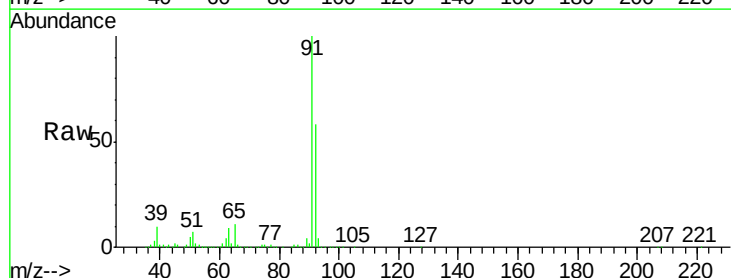
Acq: 09 Oct 2020 22:40

Tgt Ion: 92 Resp: 275381

Ion Ratio Lower Upper

92 100

91 172.7 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

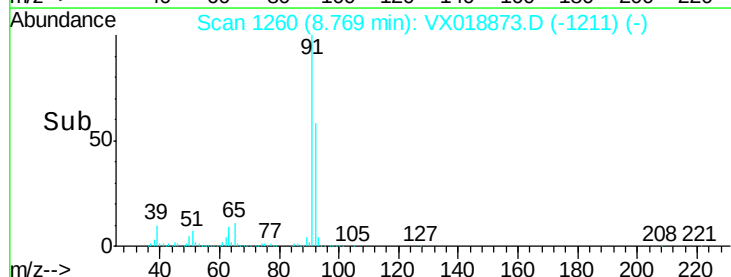
200000

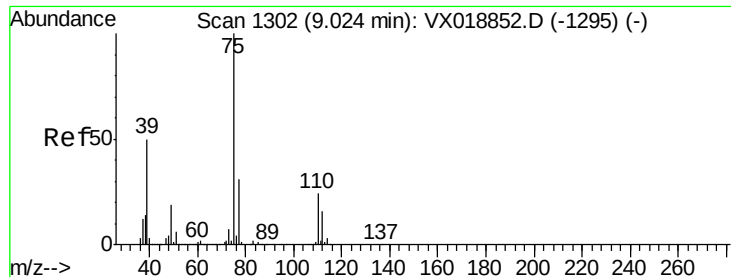
100000

0

8.65 8.70 8.75 8.80 8.85

Time-->





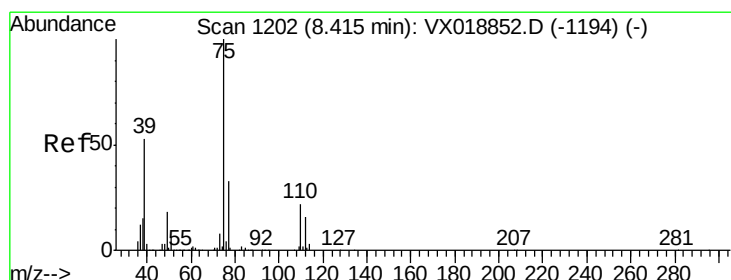
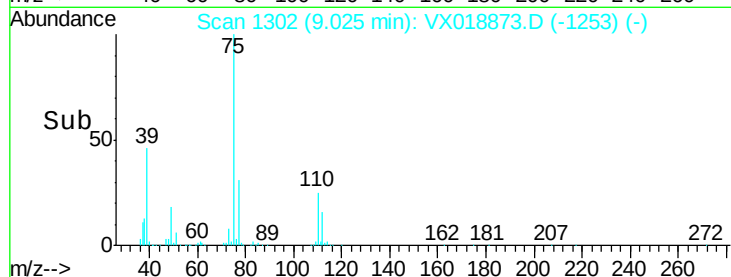
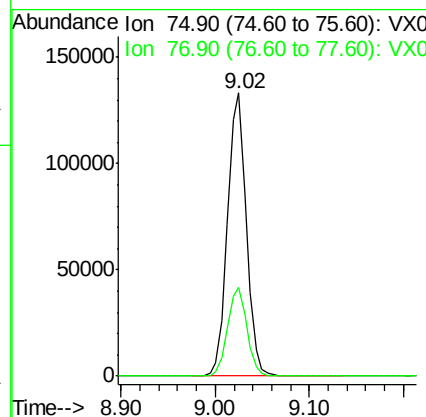
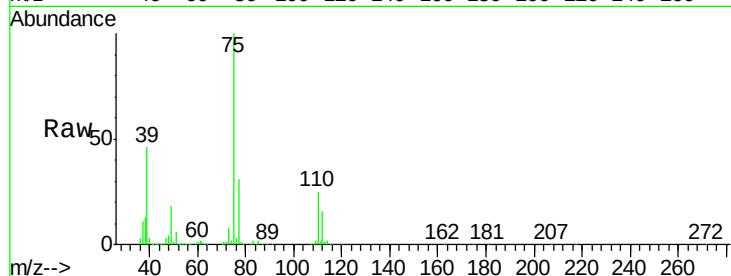
#53
t-1,3-Dichloropropene
Concen: 50.421 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

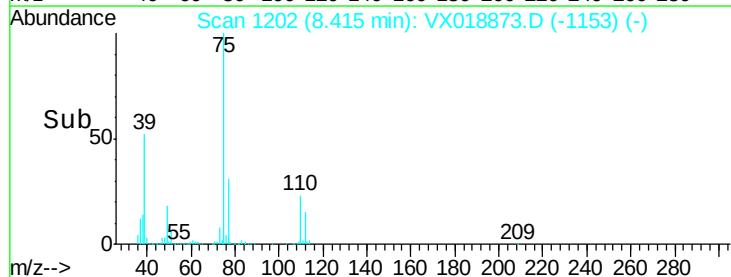
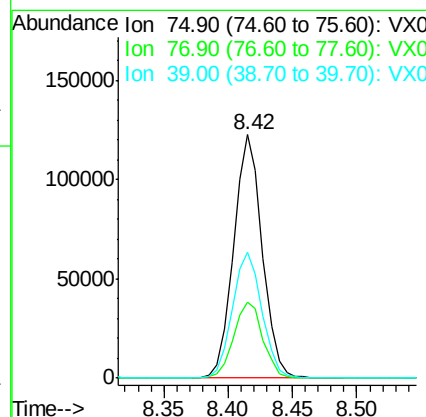
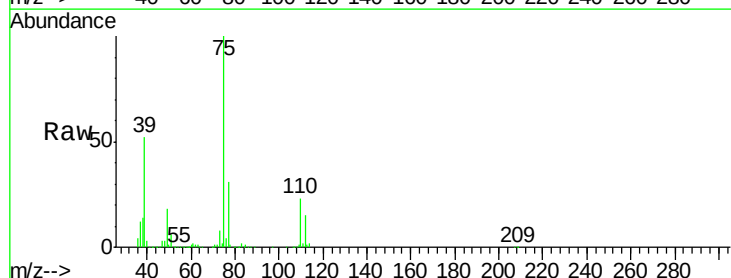
Manual Integrations
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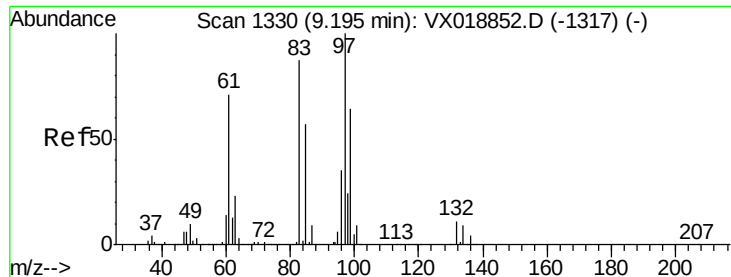
MMDadoda
10/12/2020 2:23:37 PM



#54
cis-1,3-Dichloropropene
Concen: 50.242 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.6	39.8
39	51.6	42.6	64.0





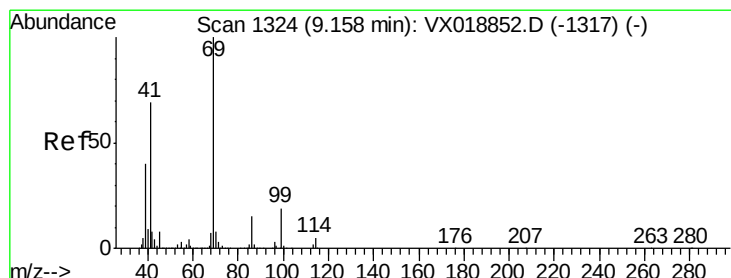
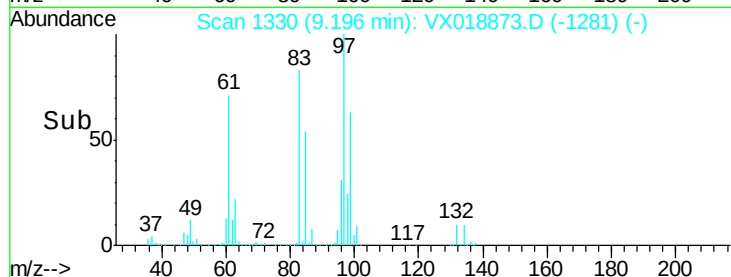
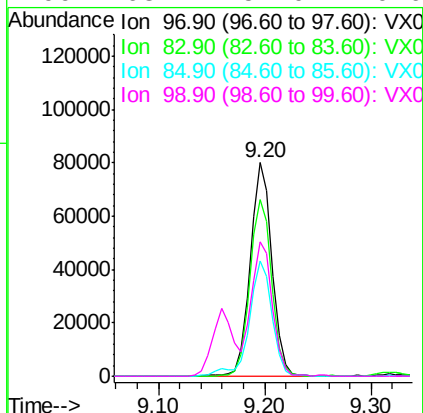
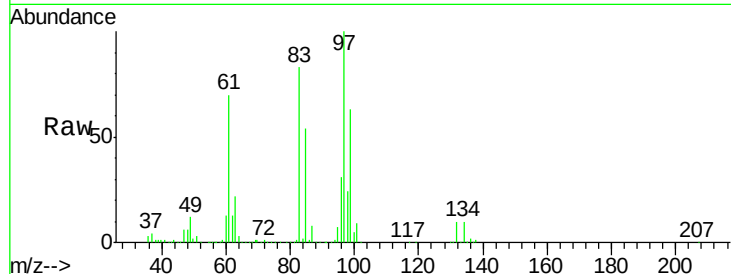
#55
 1,1,2-Trichloroethane
 Concen: 49.703 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	114631
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.3	103.9
85	54.1	45.3	67.9
99	63.1	51.0	76.6

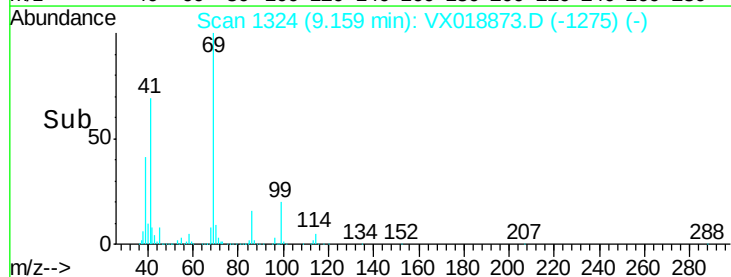
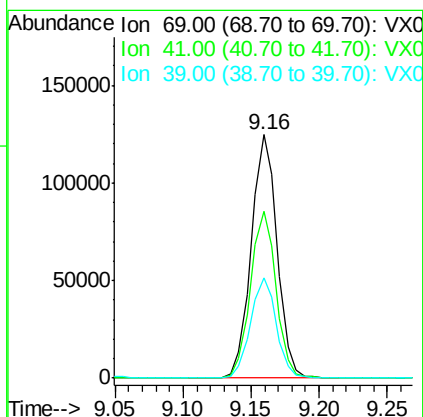
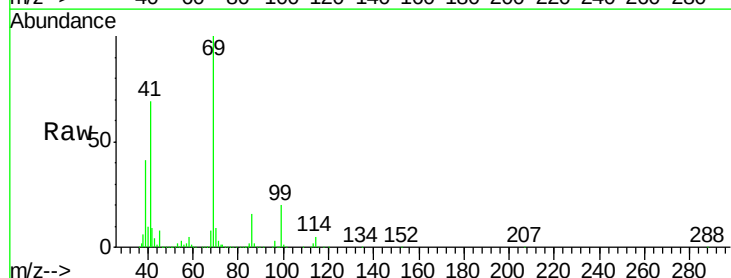
Manual Integrations
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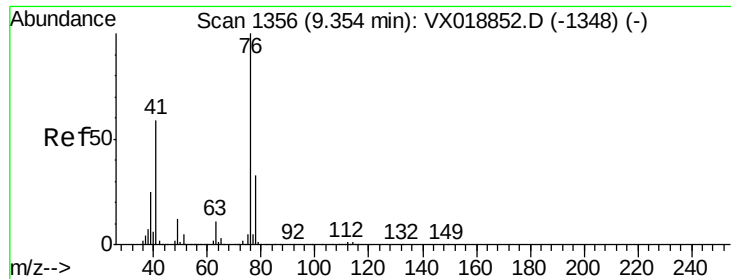
MMDadoda
 10/12/2020 2:23:37 PM



#56
 Ethyl methacrylate
 Concen: 49.619 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion:	69	Resp:	166974
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.6	81.8
39	40.8	31.5	47.3





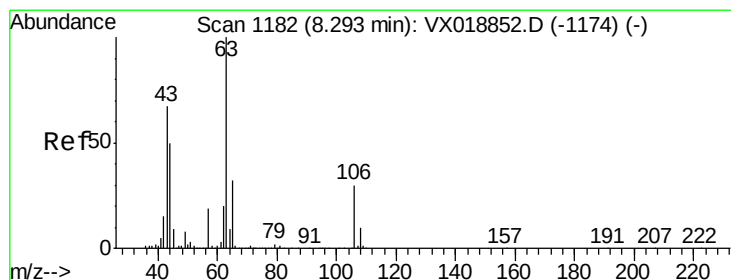
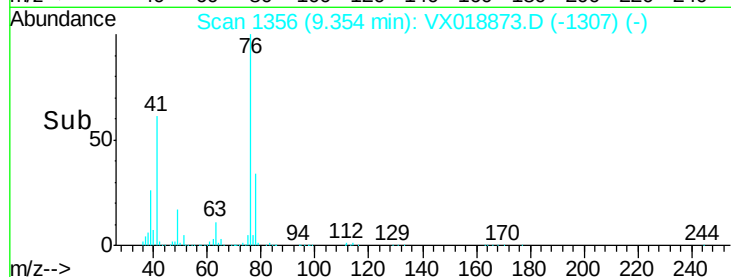
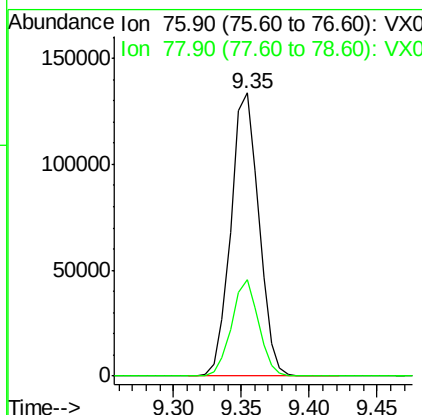
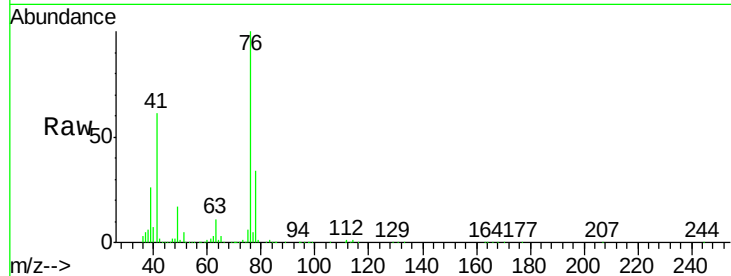
#57
 1,3-Dichloropropane
 Concen: 51.377 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 192263
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.2

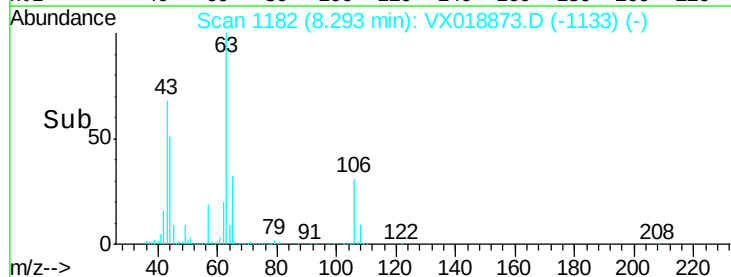
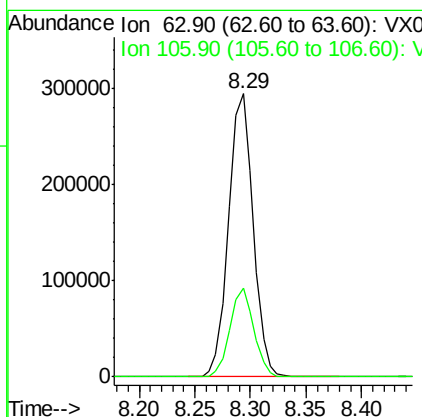
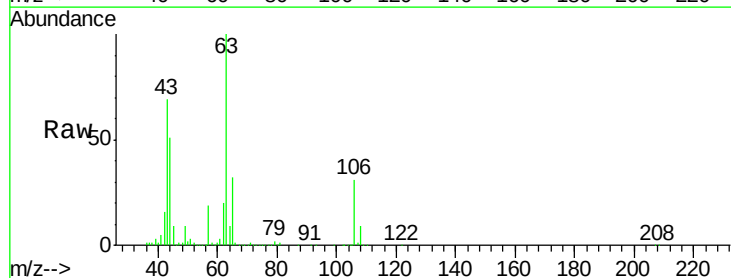
Manual Integrations
 APPROVED

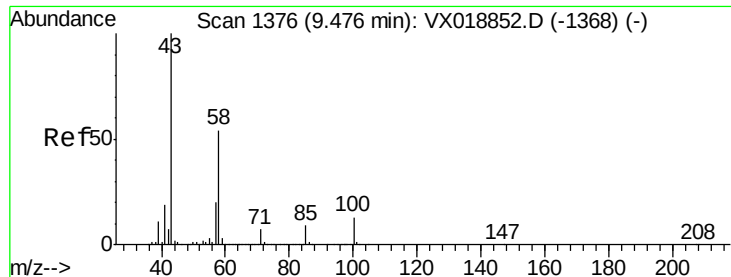
MMDadoda
 10/12/2020 2:23:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.776 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion: 63 Resp: 450159
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.2 36.4





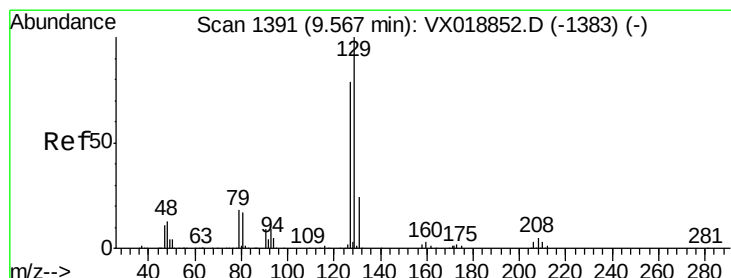
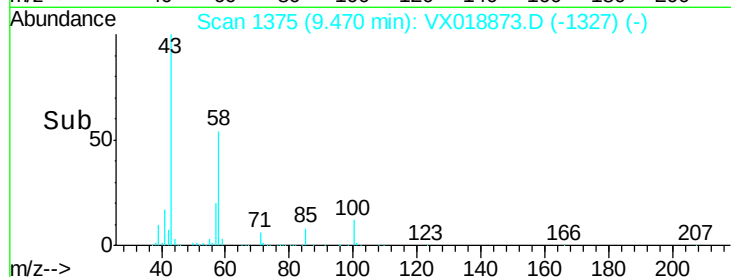
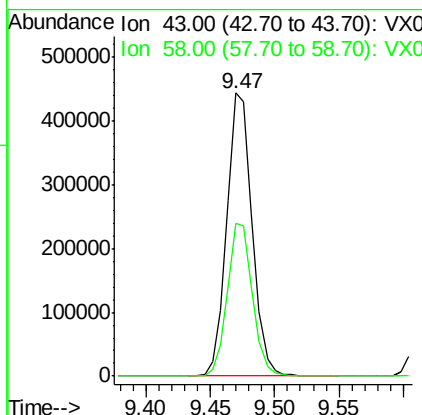
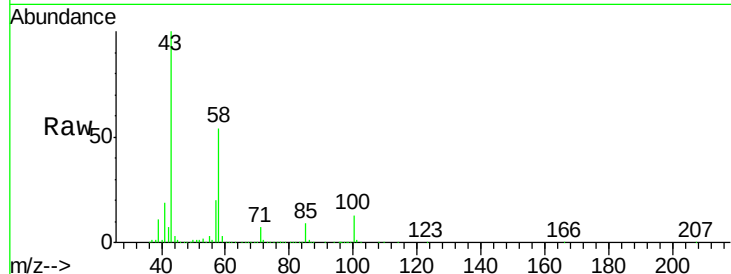
#59
2-Hexanone
Concen: 276.450 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 614409
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.1

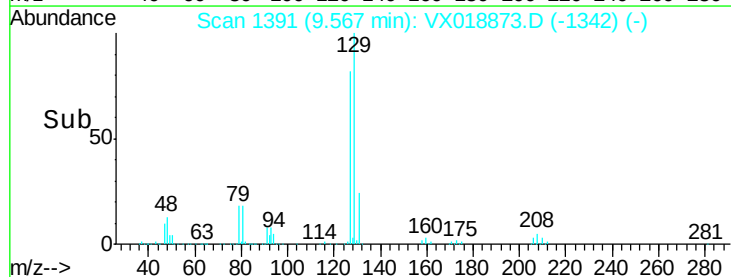
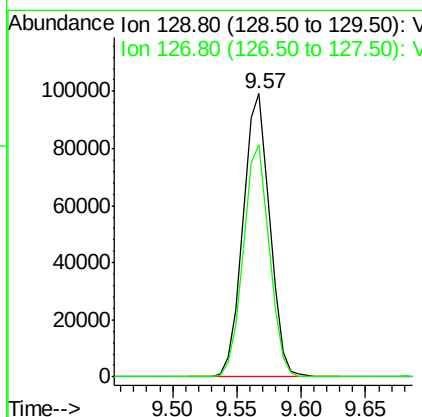
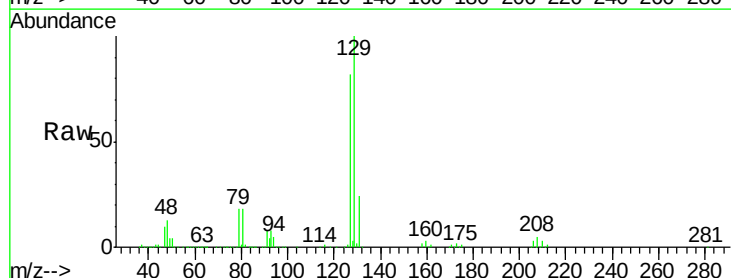
Manual Integrations
APPROVED

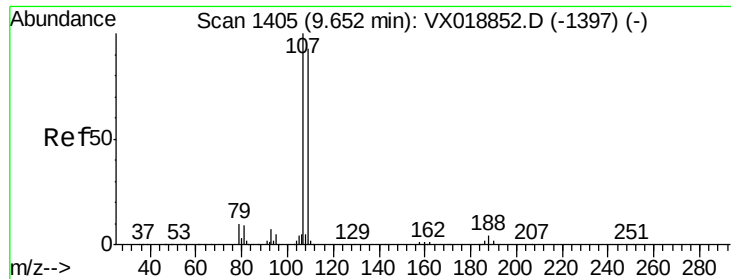
MMDadoda
10/12/2020 2:23:37 PM



#60
Dibromochloromethane
Concen: 48.747 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion: 129 Resp: 141128
Ion Ratio Lower Upper
129 100
127 80.3 39.5 118.5





#61

1,2-Dibromoethane

Concen: 51.083 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 126339

Ion Ratio Lower Upper

107 100

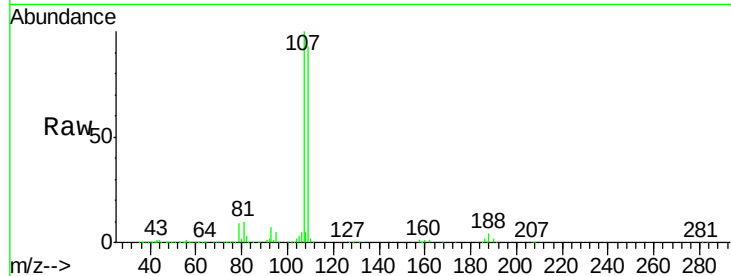
109 93.5 75.2 112.8

Manual Integrations

APPROVED

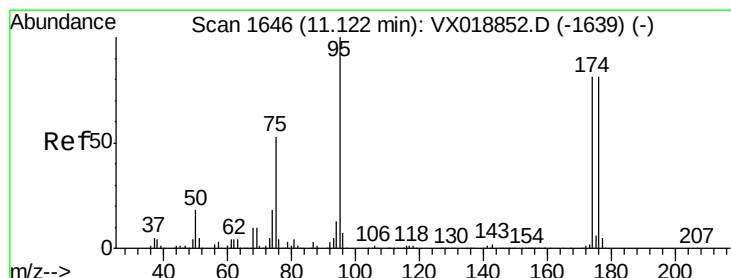
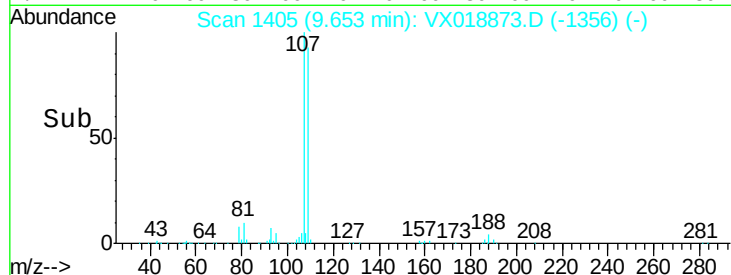
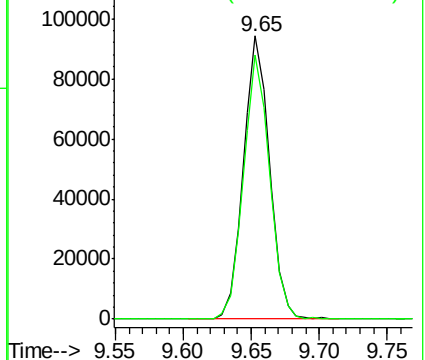
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.483 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

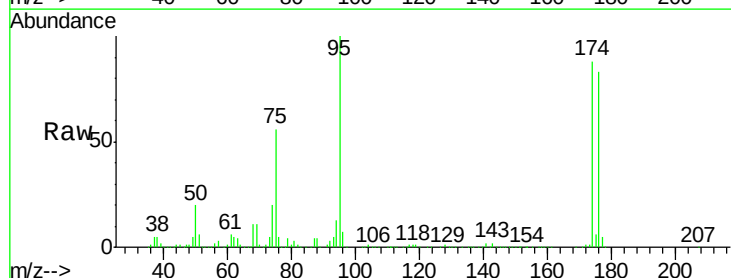
Tgt Ion: 95 Resp: 150243

Ion Ratio Lower Upper

95 100

174 84.1 0.0 160.0

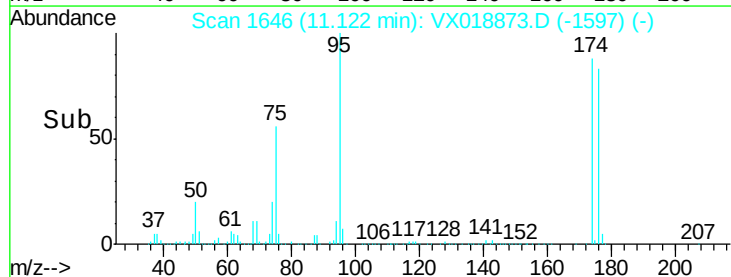
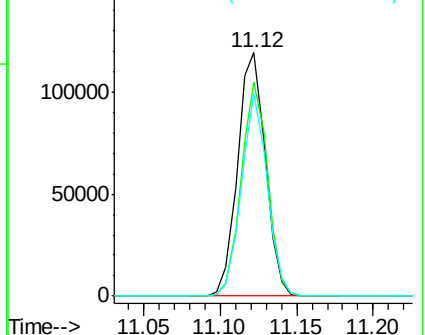
176 77.6 0.0 161.2

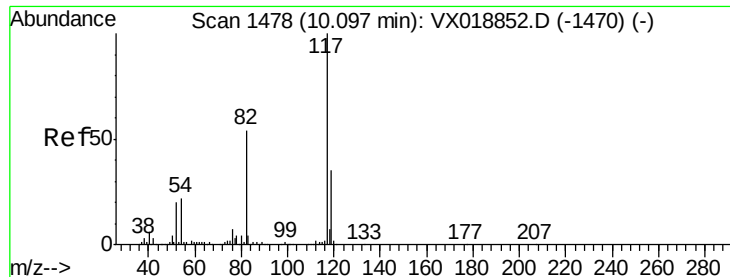


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





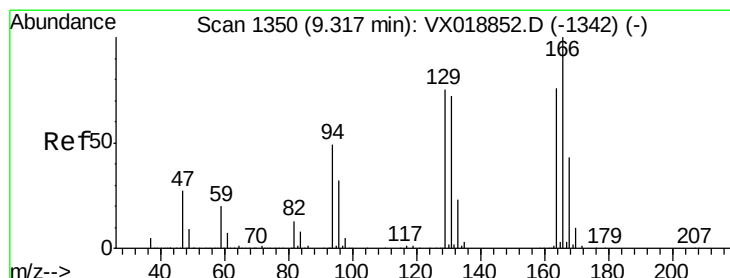
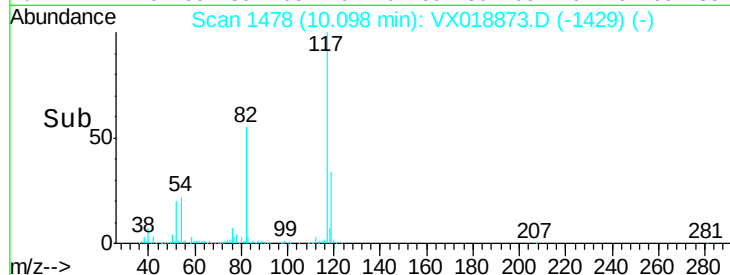
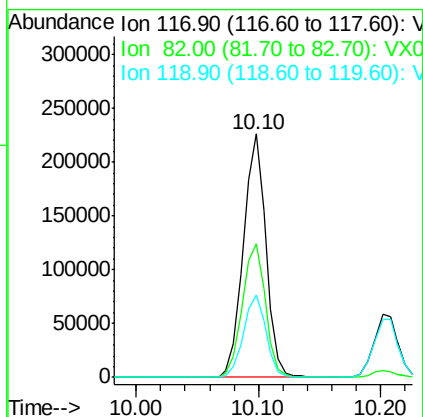
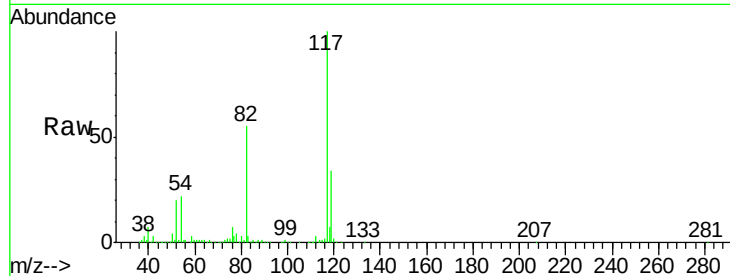
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.4	65.2
119	33.8	28.3	42.5

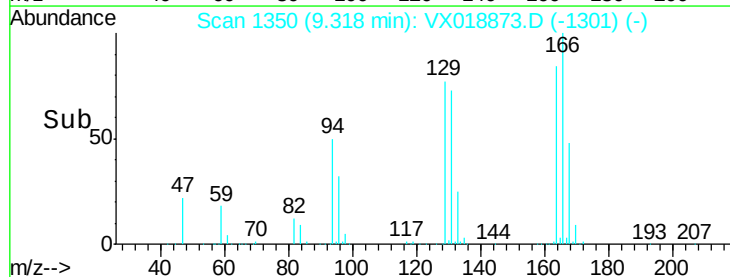
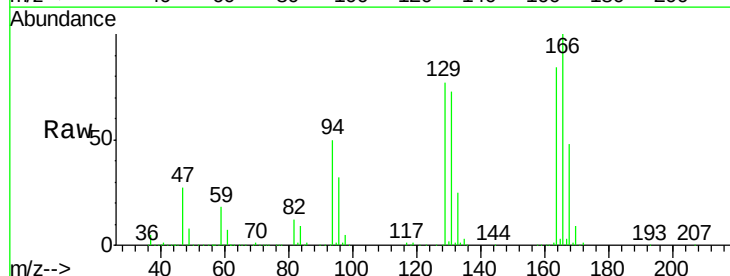
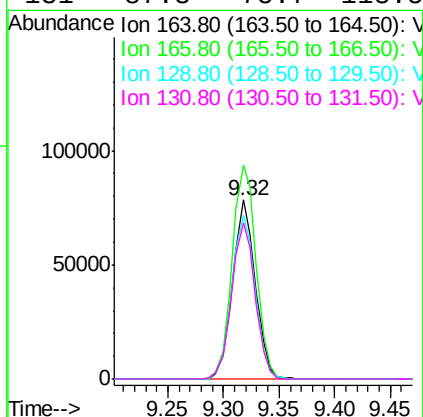
Manual Integrations
APPROVED

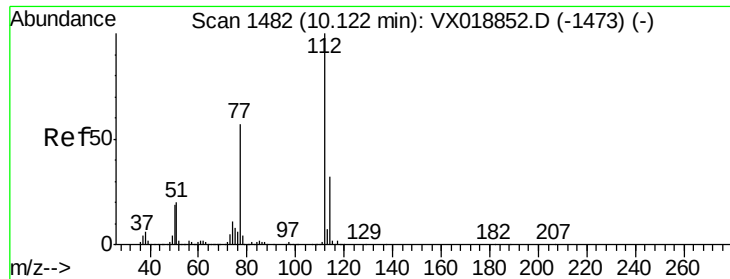
MMDadoda
10/12/2020 2:23:37 PM



#64
Tetrachloroethene
Concen: 52.384 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.5	105.4	158.0
129	91.8	79.0	118.6
131	87.3	75.7	113.5





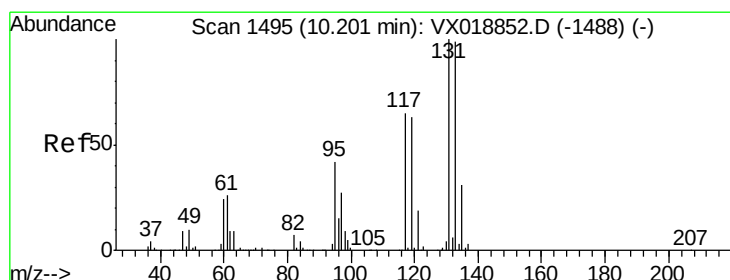
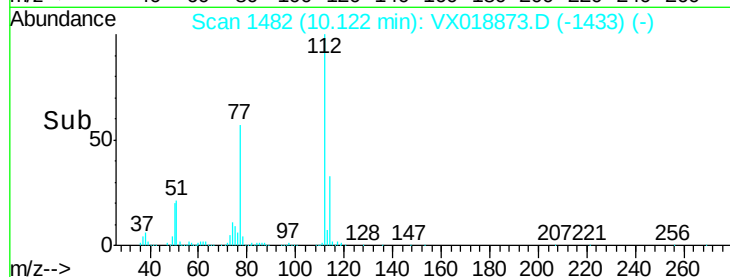
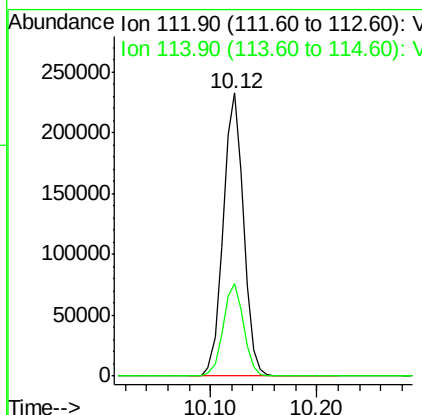
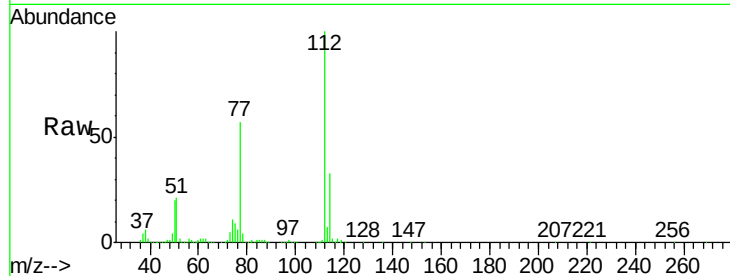
#65
Chlorobenzene
Concen: 49.942 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 311142
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

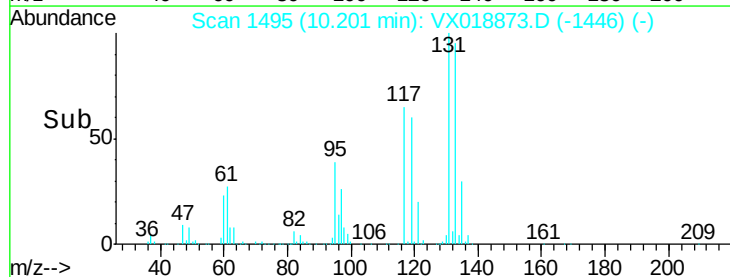
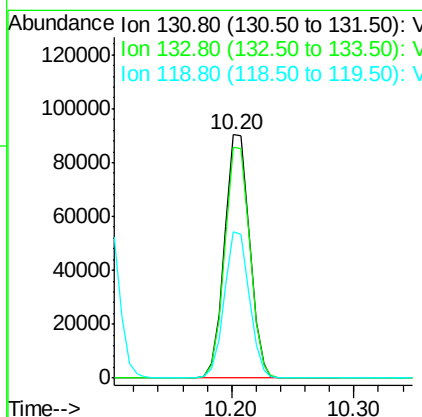
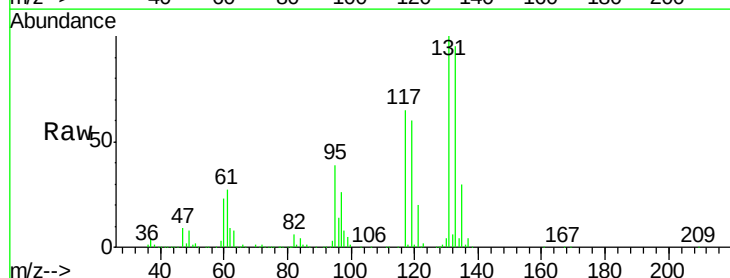
Manual Integrations
APPROVED

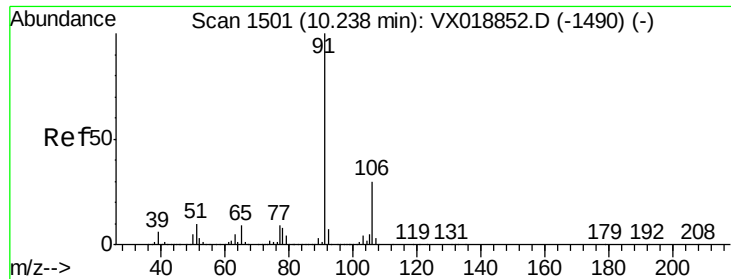
MMDadoda
10/12/2020 2:23:37 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.838 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion:131 Resp: 128095
Ion Ratio Lower Upper
131 100
133 95.2 48.6 145.8
119 59.7 31.1 93.3





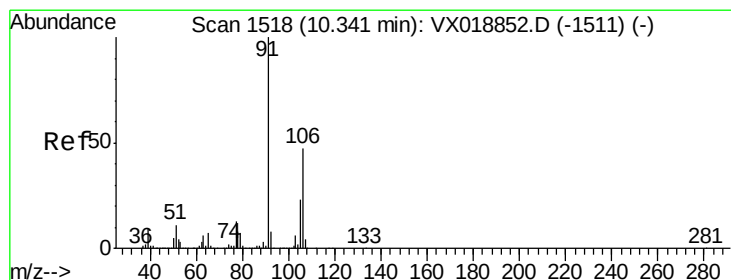
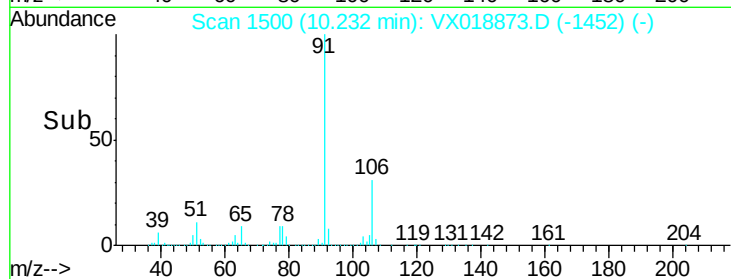
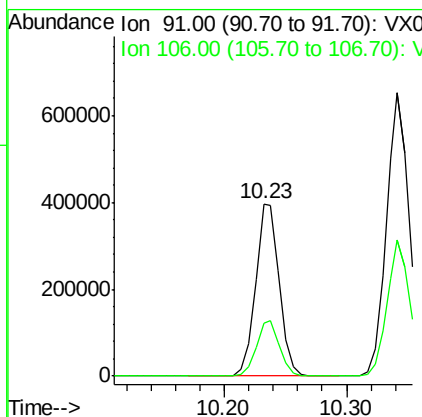
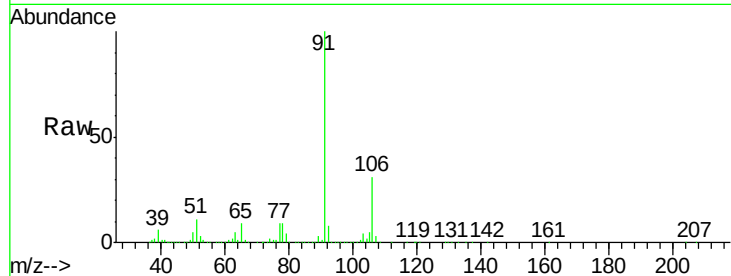
#67
Ethyl Benzene
Concen: 50.963 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 535624
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0

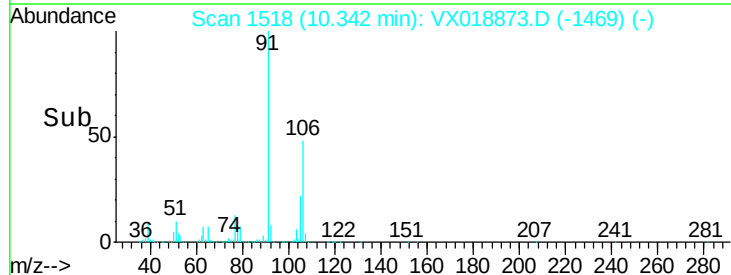
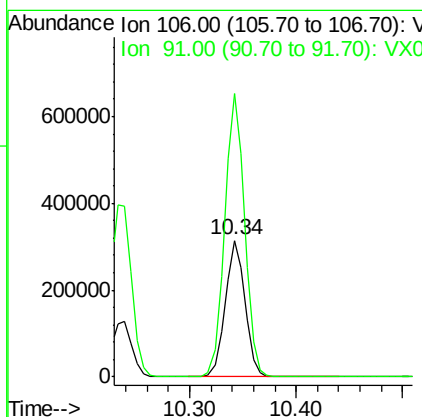
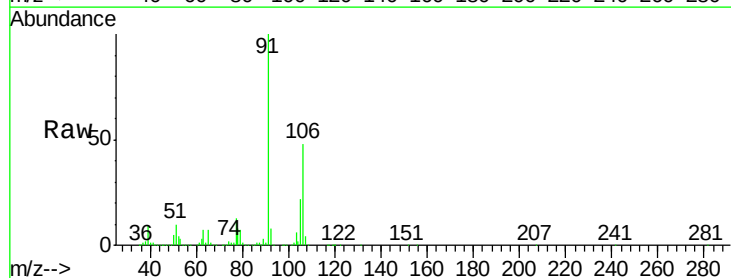
Manual Integrations
APPROVED

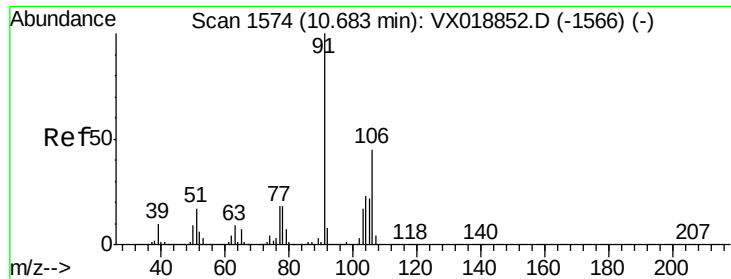
MMDadoda
10/12/2020 2:23:37 PM



#68
m/p-Xylenes
Concen: 102.155 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion: 106 Resp: 407908
Ion Ratio Lower Upper
106 100
91 208.9 165.6 248.4





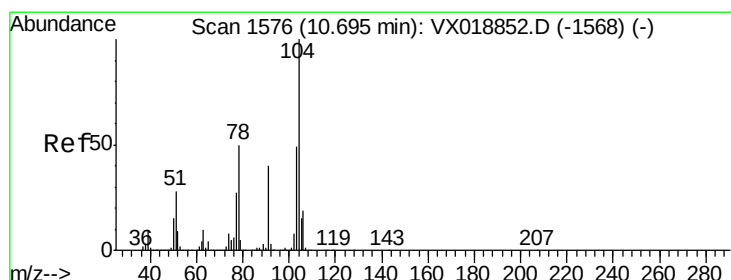
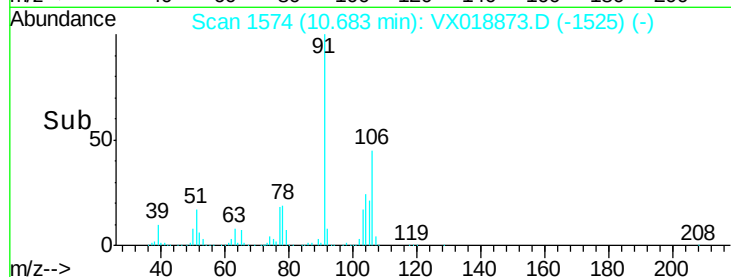
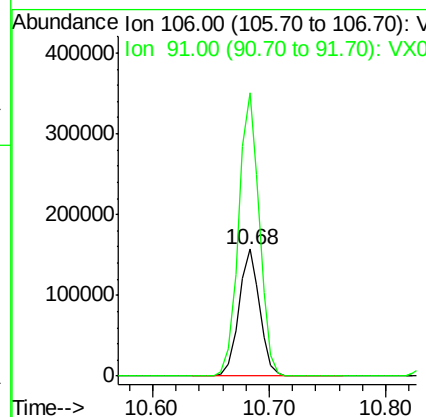
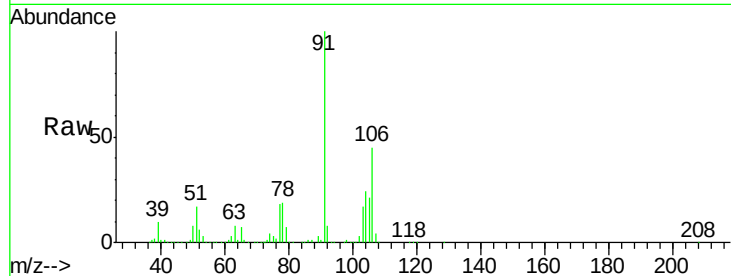
#69
o-Xylene
Concen: 51.813 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.6	109.9	329.6

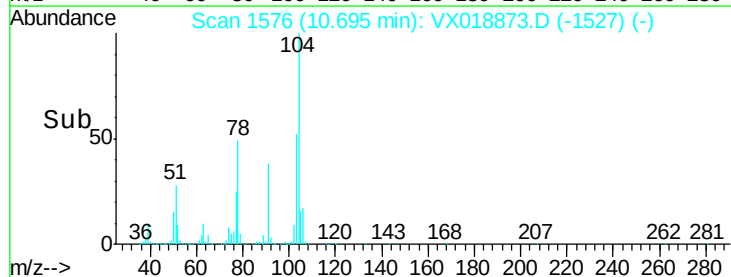
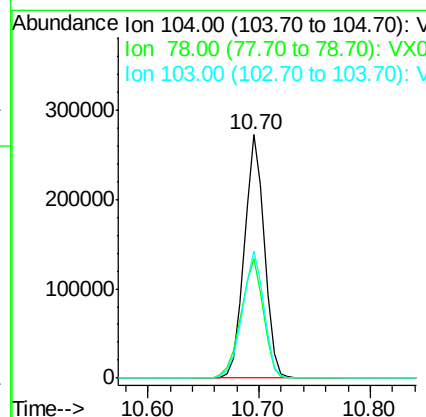
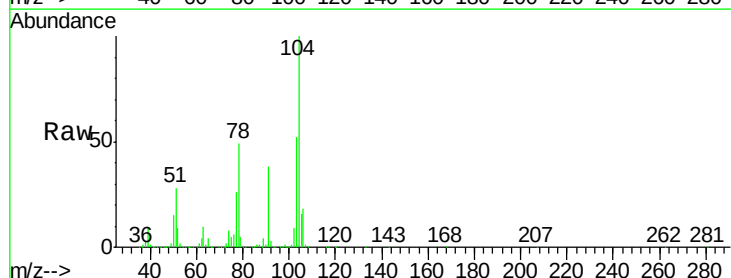
Manual Integrations
APPROVED

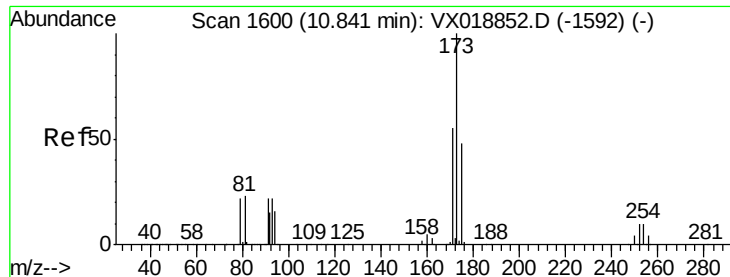
MMDadoda
10/12/2020 2:23:37 PM



#70
Styrene
Concen: 53.209 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.0	43.5	65.3
103	56.3	43.3	64.9





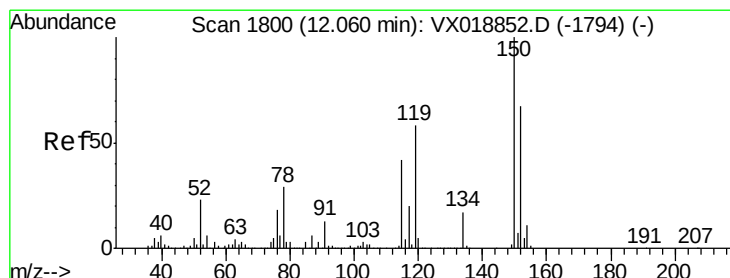
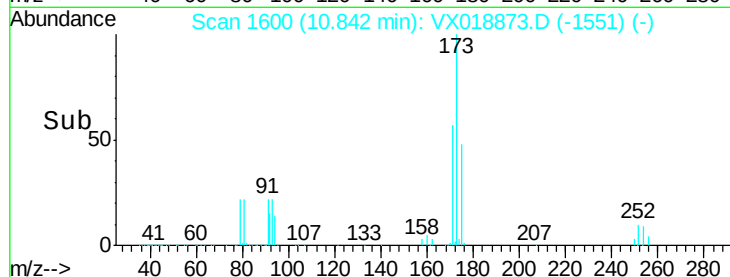
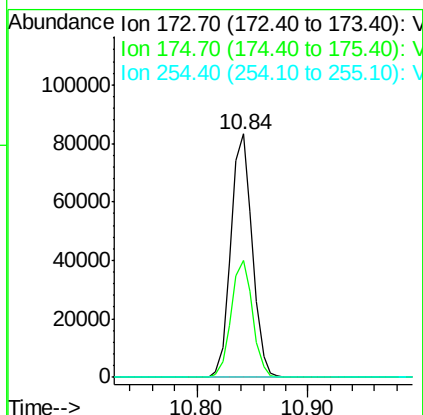
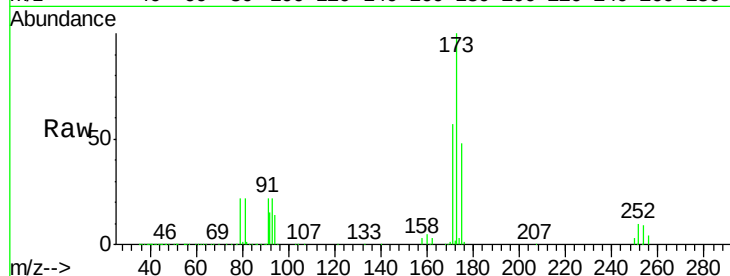
#71
Bromoform
Concen: 49.576 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	23.4	70.0
254	0.0	0.0	0.0

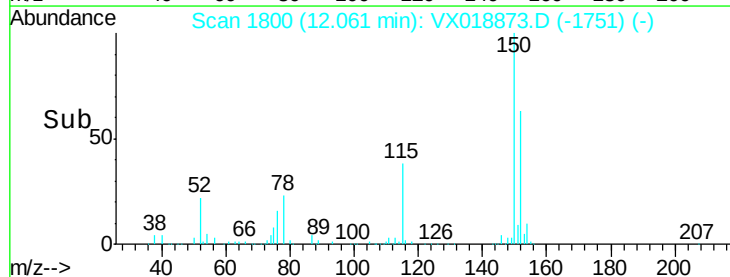
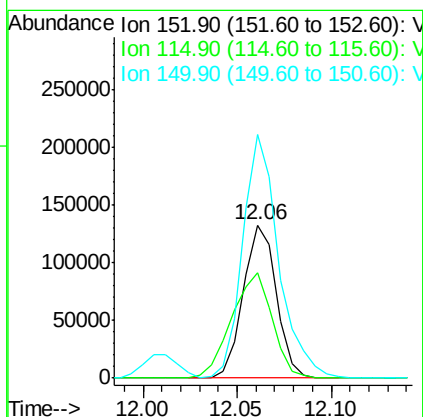
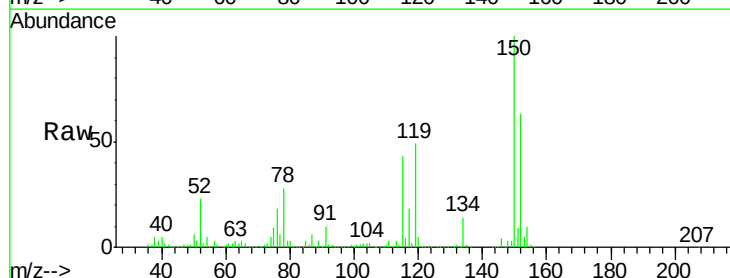
Manual Integrations
APPROVED

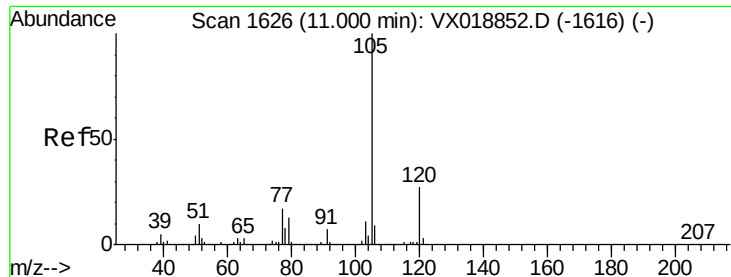
MMDadoda
10/12/2020 2:23:37 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.3	41.8	125.4
150	172.3	0.0	347.6





#73

Isopropylbenzene

Concen: 52.285 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 552260

Ion Ratio Lower Upper

105 100

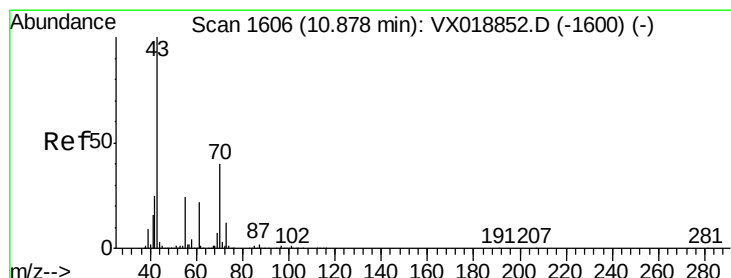
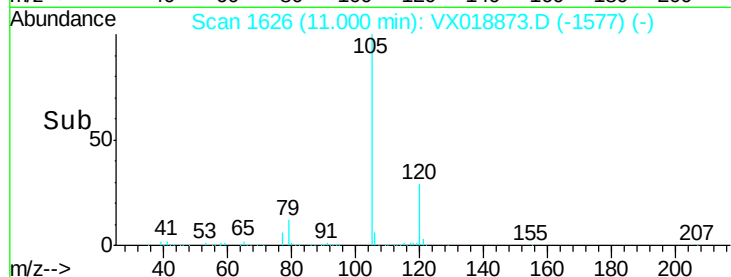
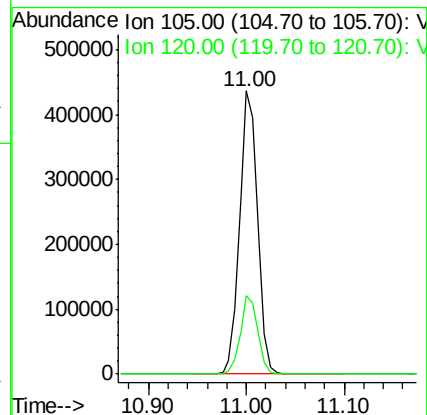
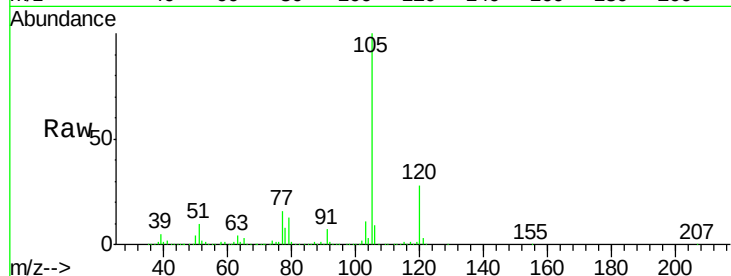
120 26.9 13.3 39.8

Manual Integrations

APPROVED

MMDadoda

10/12/2020 2:23:37 PM



#74

N-ethyl acetate

Concen: 55.939 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Tgt Ion: 43 Resp: 233768

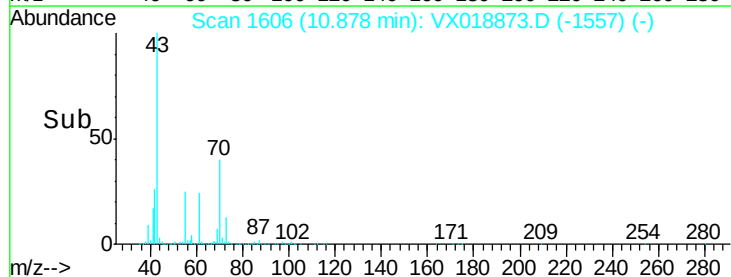
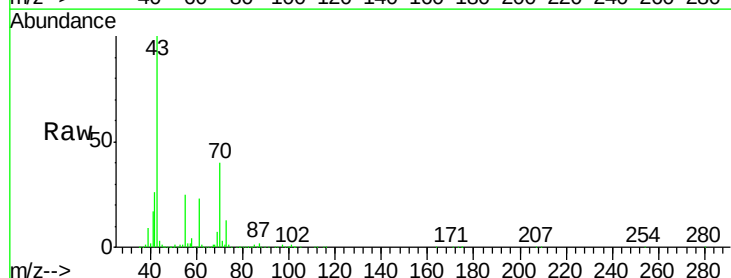
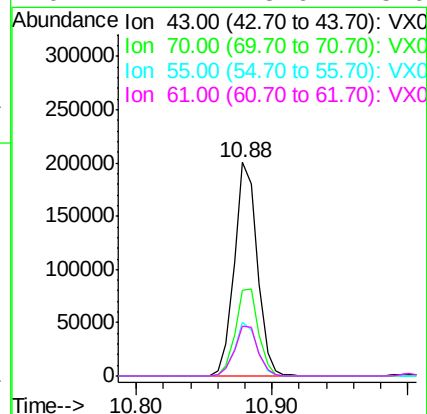
Ion Ratio Lower Upper

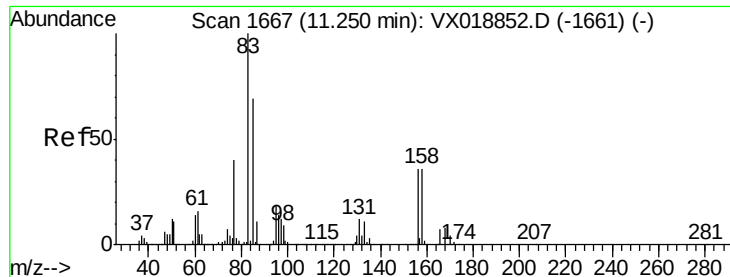
43 100

70 41.6 33.7 50.5

55 24.5 19.8 29.8

61 24.1 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.392 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

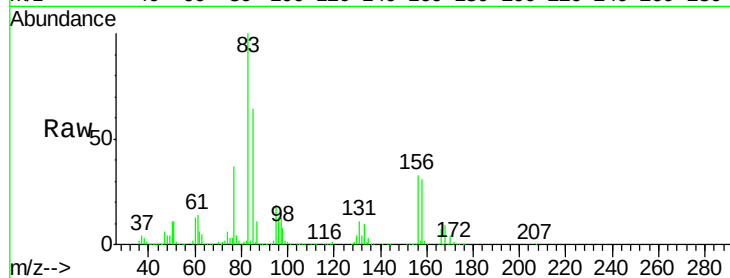
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	173883
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.9	17.8
85	63.6	33.0	98.9

Manual Integrations
APPROVED

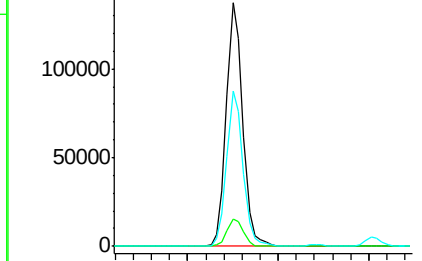
MMDadoda
10/12/2020 2:23:37 PM



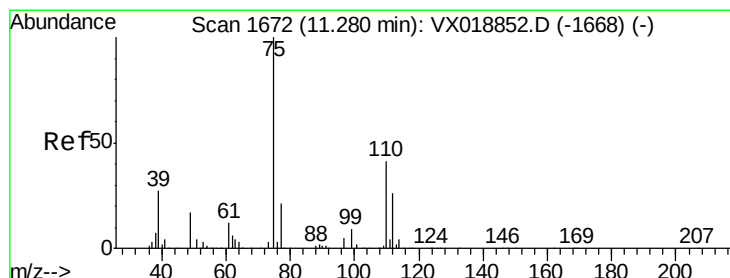
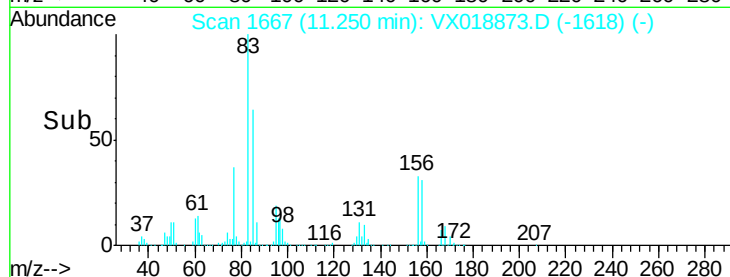
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 48.426 ug/l m

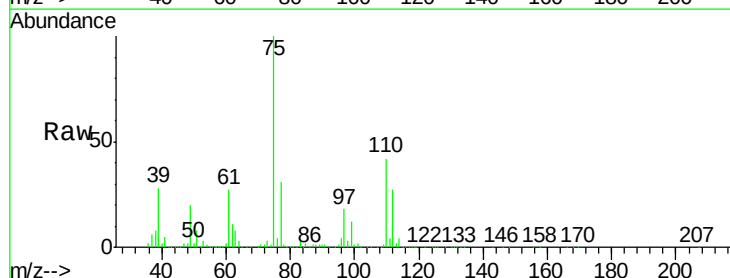
RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018873.D

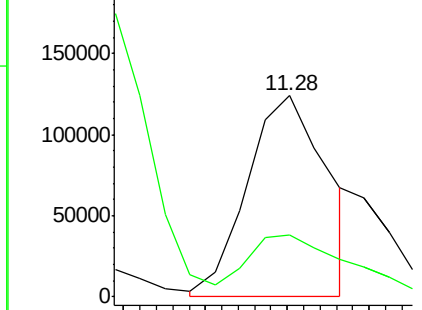
Acq: 09 Oct 2020 22:40

Tgt Ion:	75	Resp:	168479
Ion Ratio	Lower	Upper	
75	100		
77	39.6	20.2	60.6

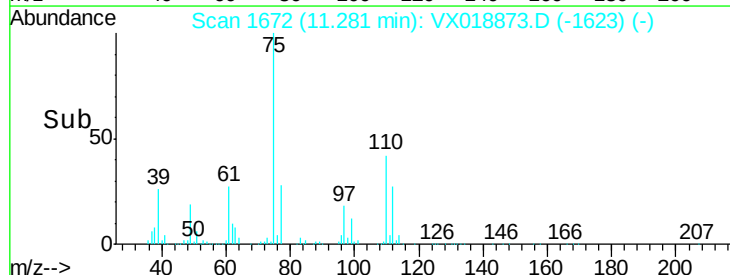


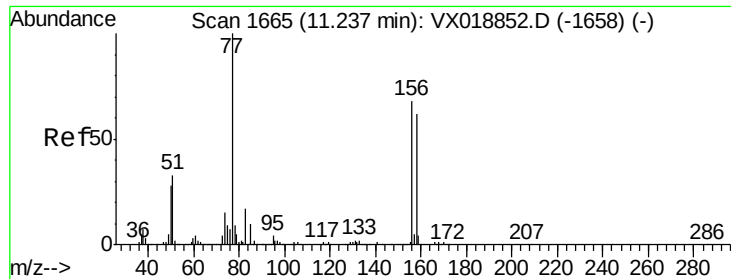
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->





#77

Bromobenzene

Concen: 49.652 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

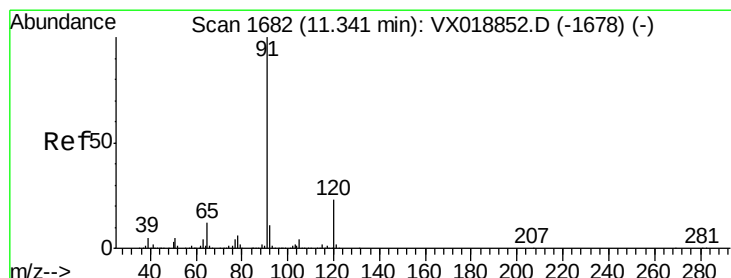
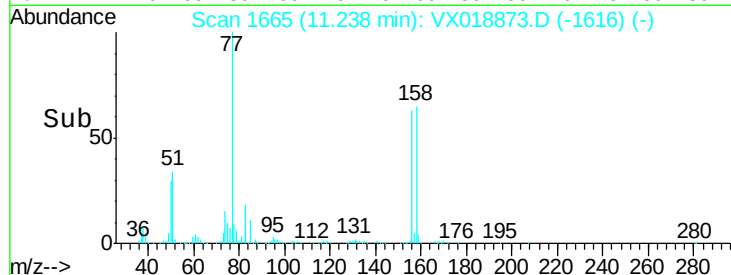
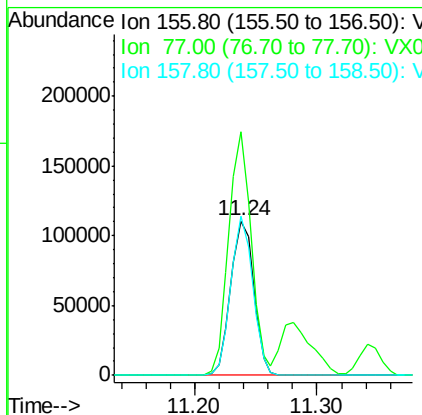
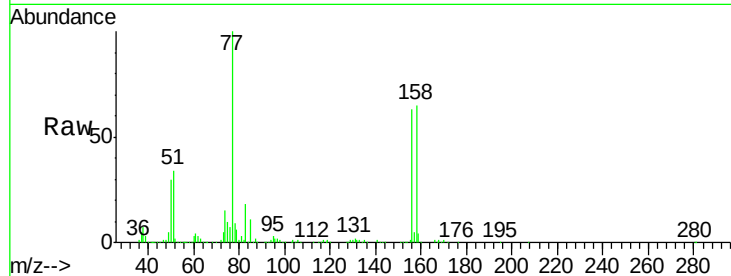
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	154.5	76.0	228.1
158	97.9	47.2	141.6

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#78

n-propylbenzene

Concen: 52.171 ug/l

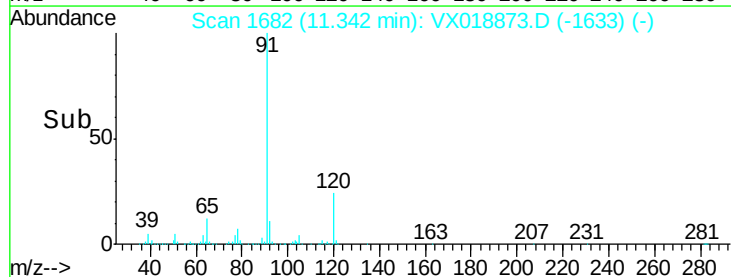
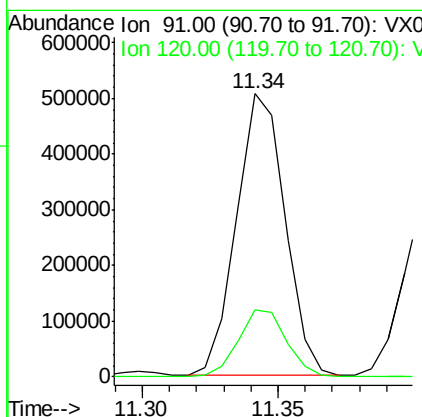
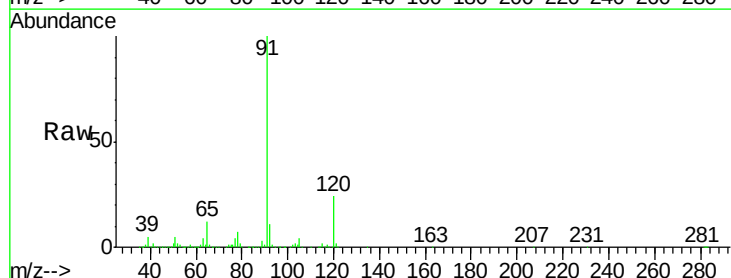
RT: 11.34 min Scan# 1682

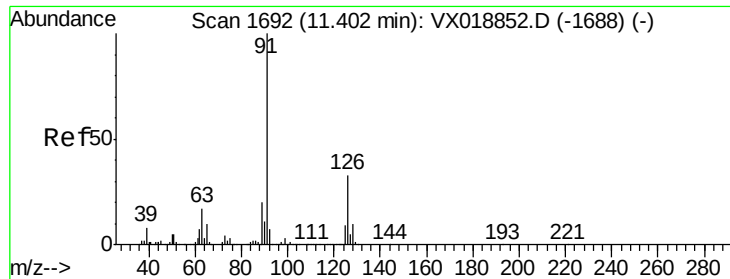
Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.0	36.0





#79

2-Chlorotoluene

Concen: 51.352 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 385268

Ion Ratio Lower Upper

91 100

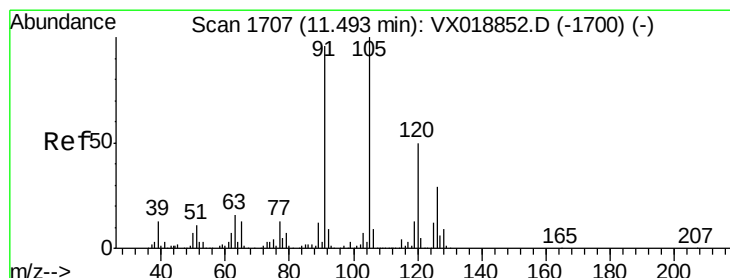
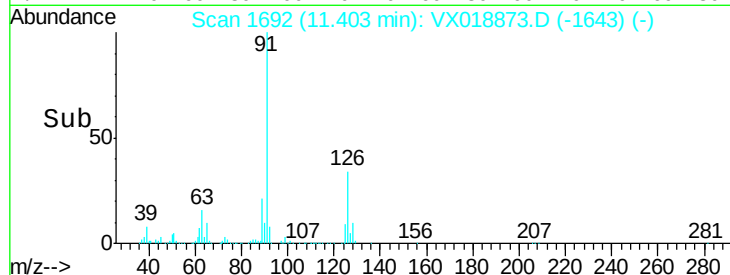
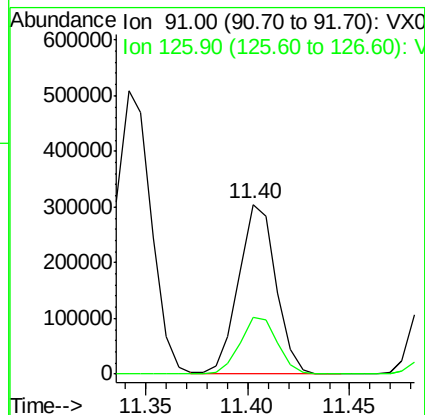
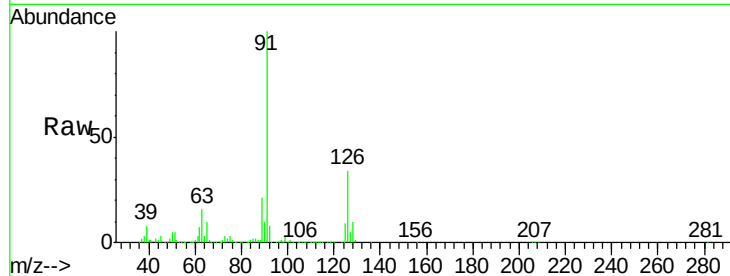
126 33.9 17.1 51.3

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#80

1,3,5-Trimethylbenzene

Concen: 52.273 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018873.D

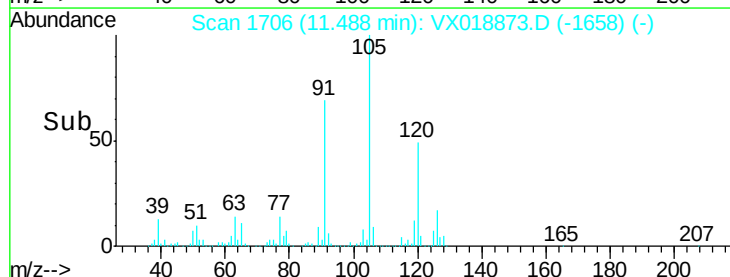
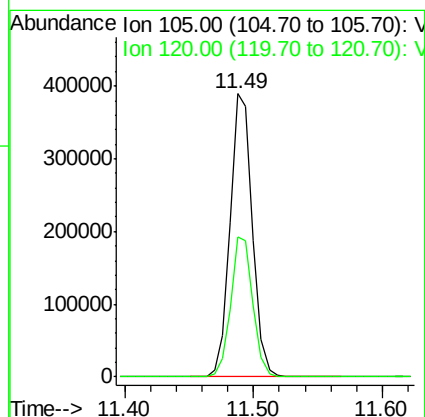
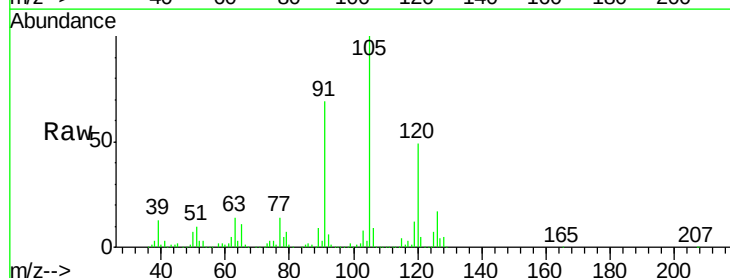
Acq: 09 Oct 2020 22:40

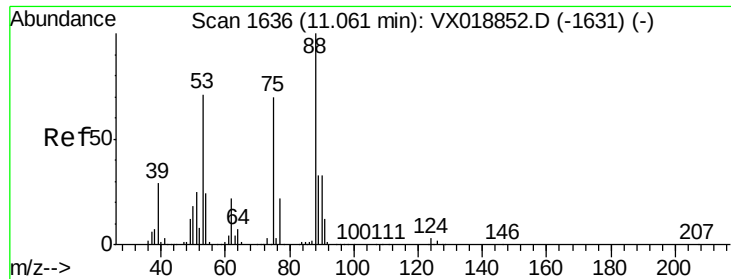
Tgt Ion: 105 Resp: 472278

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.8





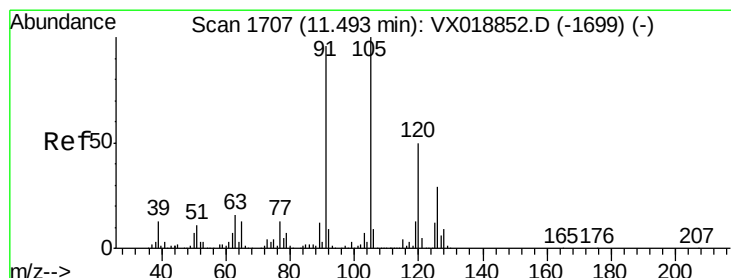
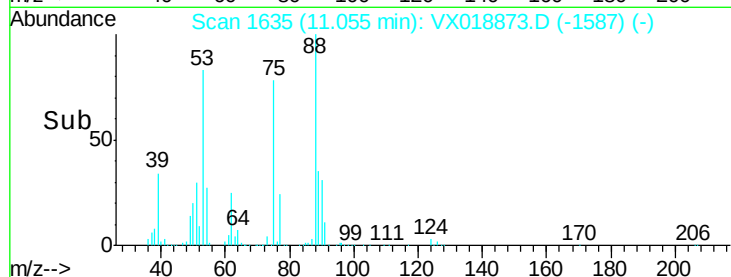
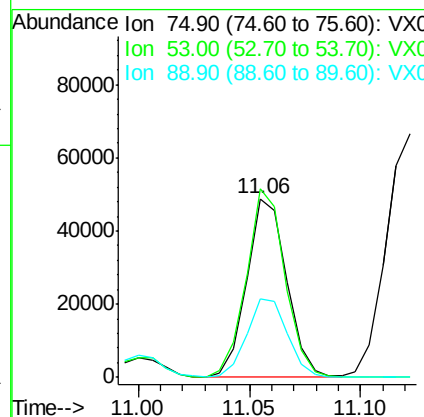
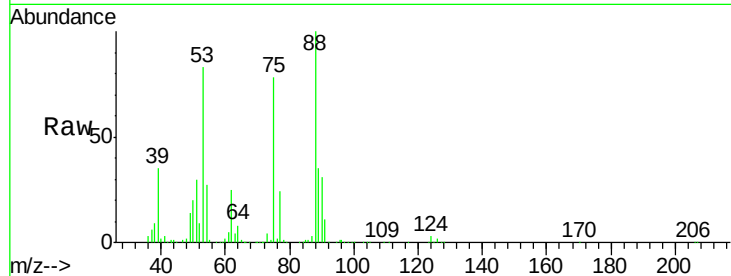
#81
trans-1,4-Dichloro-2-butene
Concen: 49.440 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.0	85.0	127.4
89	45.6	39.0	58.4

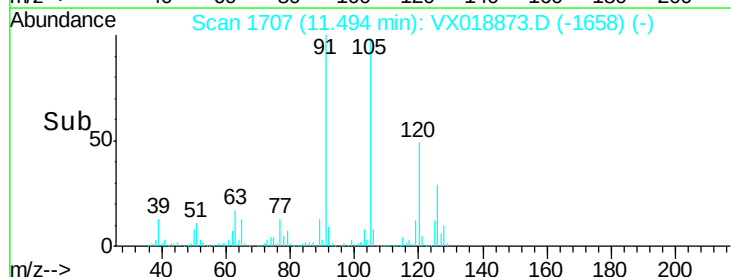
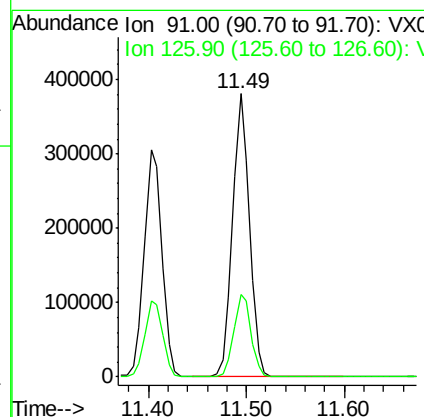
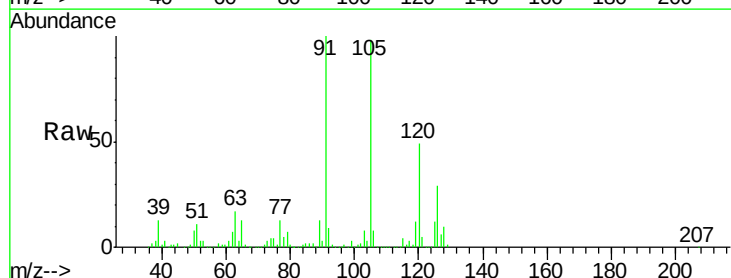
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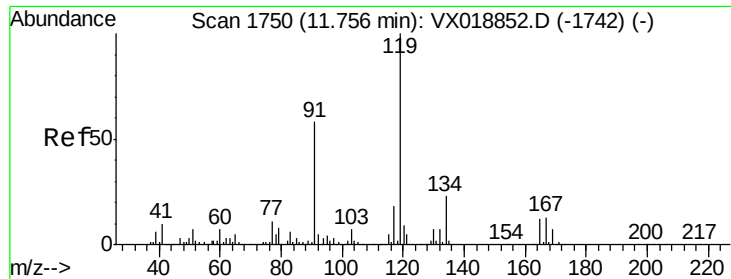
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#82
4-Chlorotoluene
Concen: 51.191 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.9	44.7





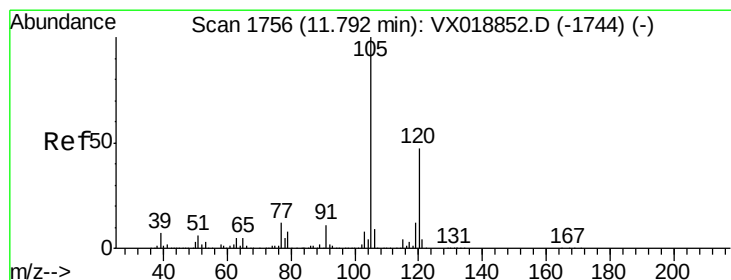
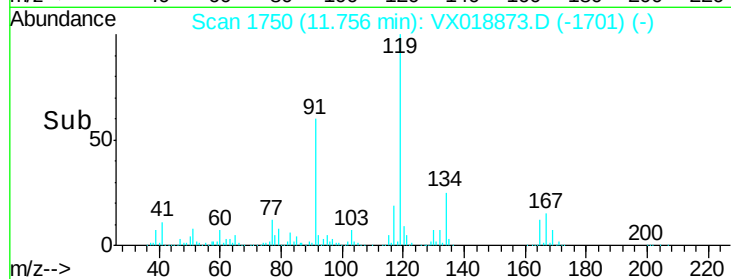
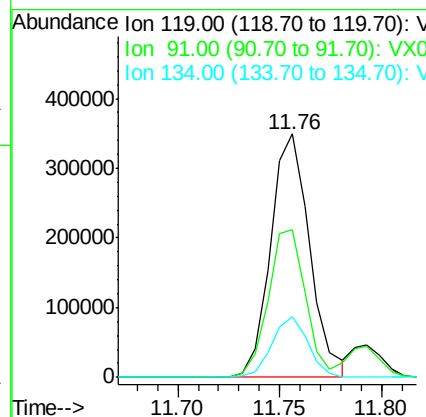
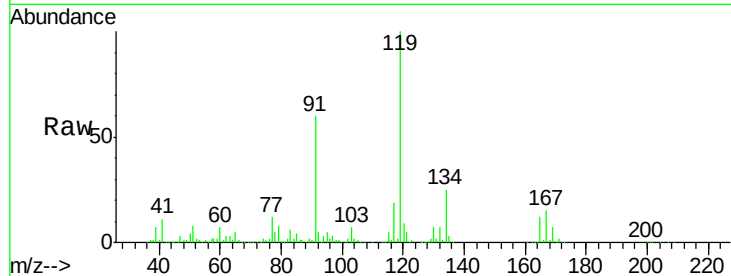
#83
 tert-Butylbenzene
 Concen: 51.544 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	466365		
91	58.0		28.6	85.9
134	23.2		11.7	35.0

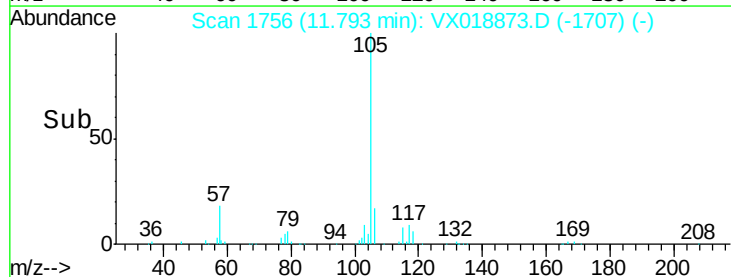
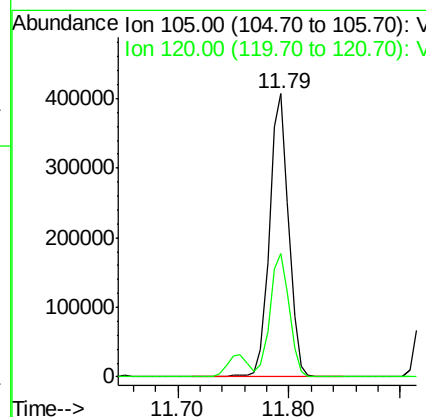
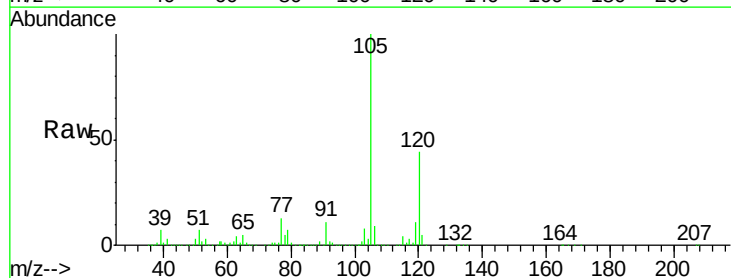
Manual Integrations
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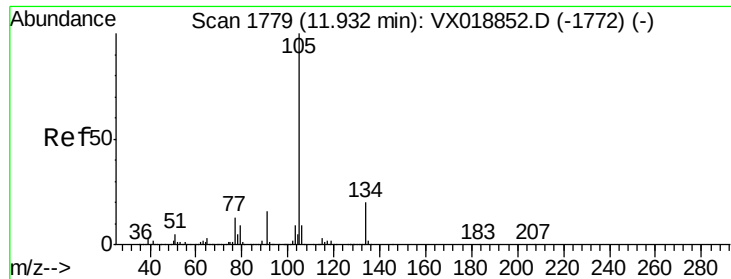
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.433 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	490748		
120	44.0		22.6	67.8





#85

sec-Butylbenzene

Concen: 52.379 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 533904

Ion Ratio Lower Upper

105 100

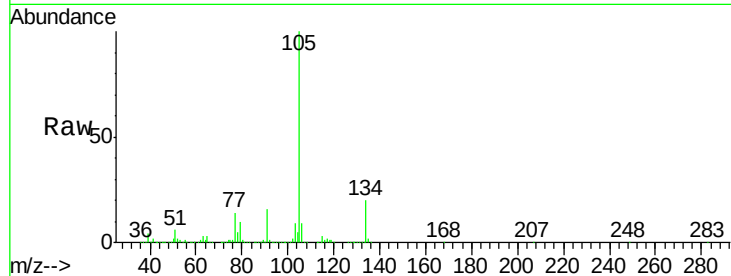
134 20.4 10.2 30.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

400000

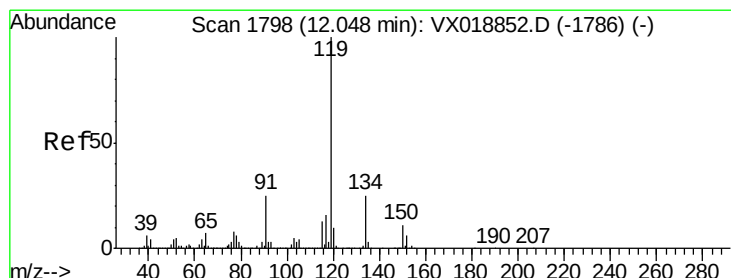
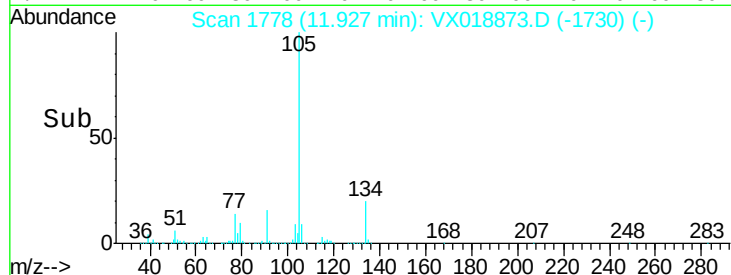
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 52.295 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018873.D

Acq: 09 Oct 2020 22:40

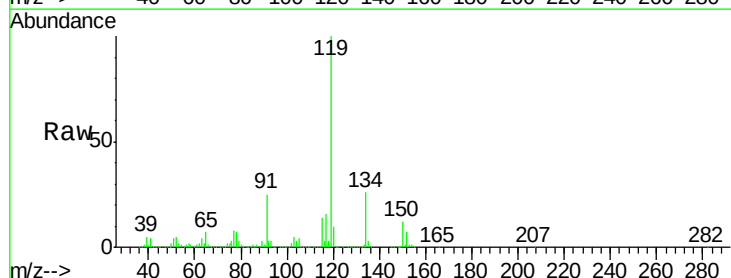
Tgt Ion:119 Resp: 505701

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 25.0 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

600000

500000

400000

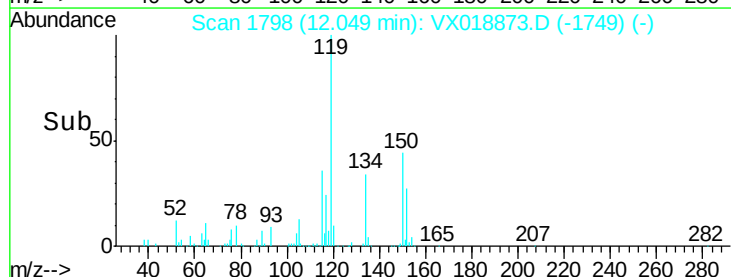
300000

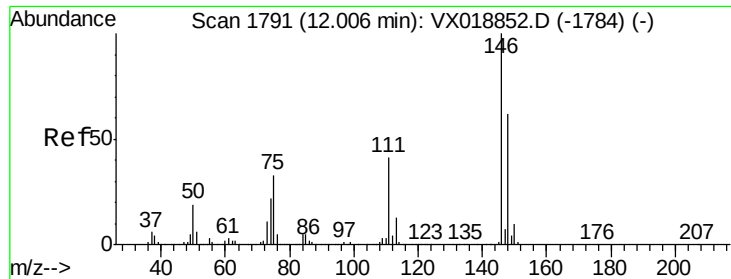
200000

100000

0

Time--> 12.00 12.10





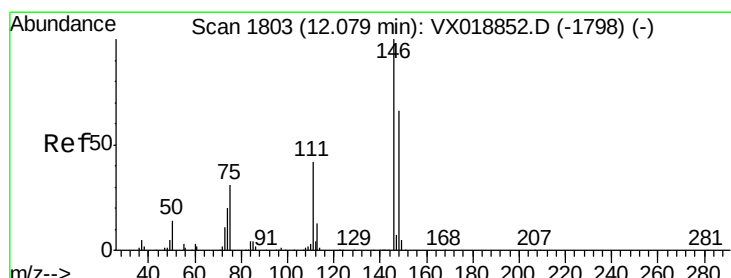
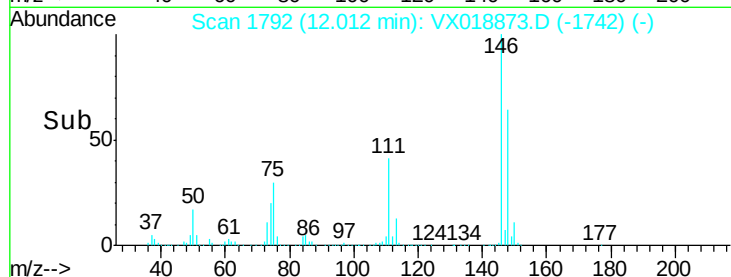
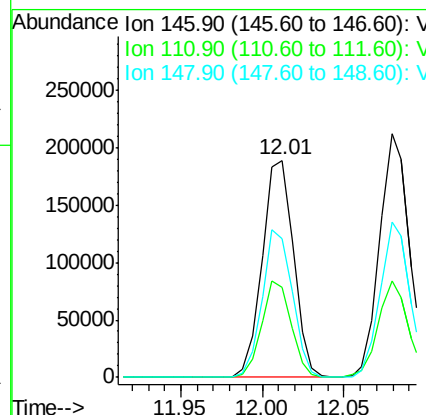
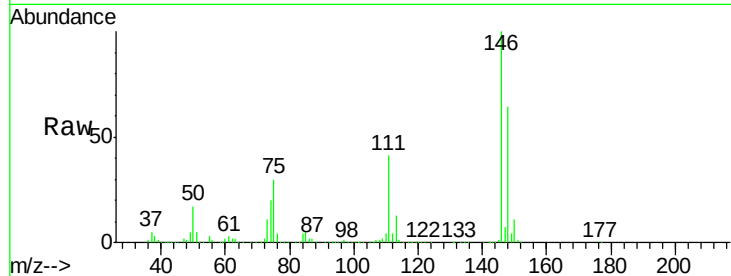
#87
 1,3-Dichlorobenzene
 Concen: 47.493 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.0	59.9
148	65.6	31.4	94.3

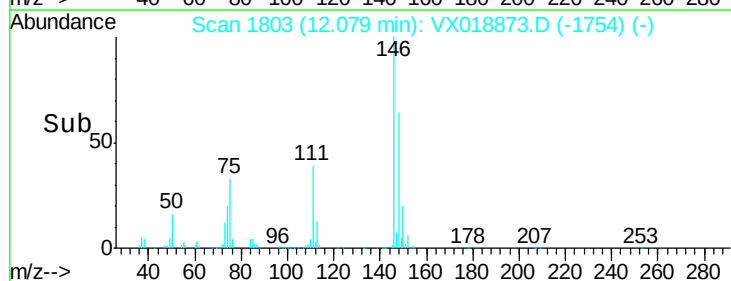
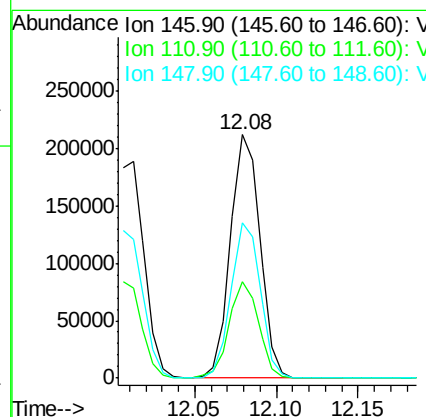
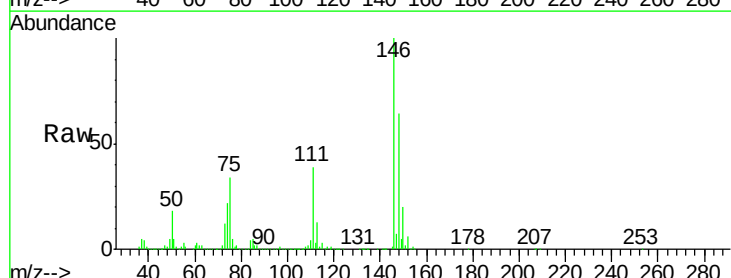
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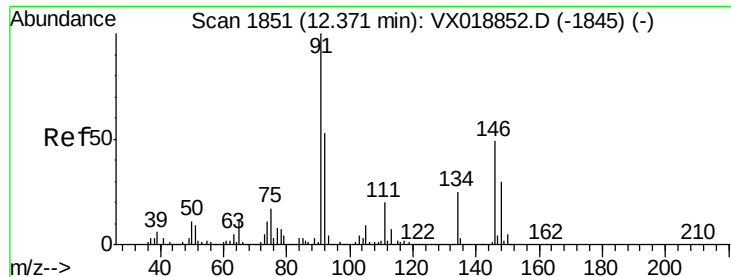
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 10/12/2020 2:23:37 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.537 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.5	61.5
148	63.3	32.2	96.6





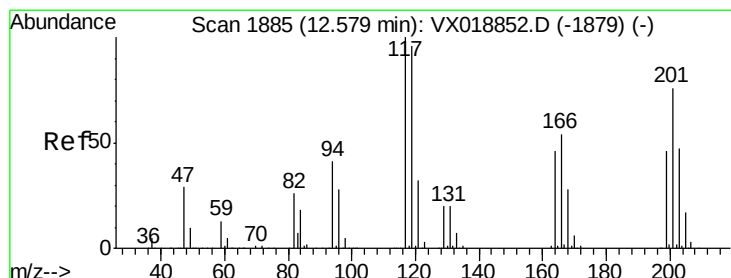
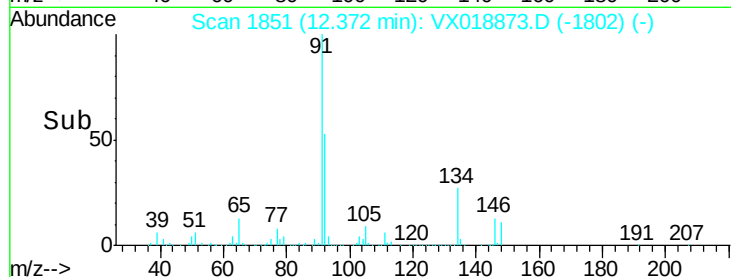
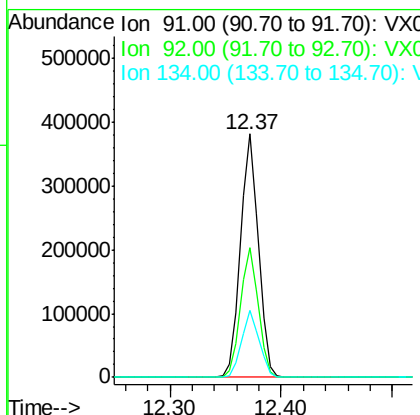
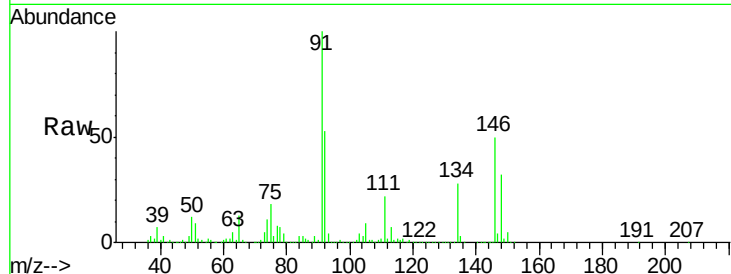
#89
n-Butylbenzene
Concen: 50.839 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.0
134	26.8	13.5	40.4

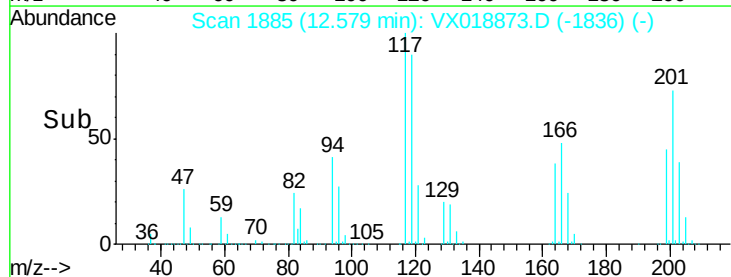
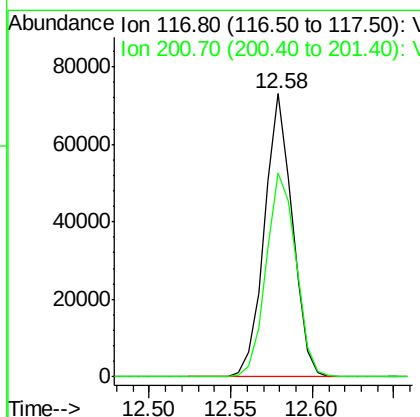
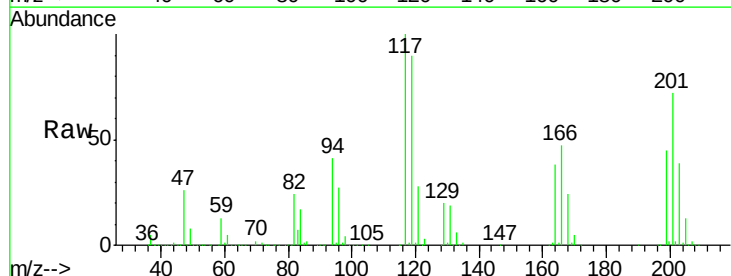
Manual Integrations
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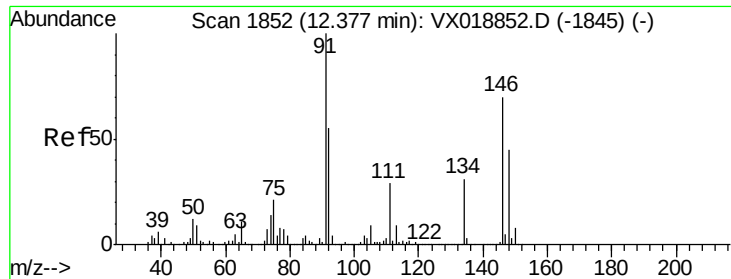
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#90
Hexachloroethane
Concen: 48.185 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.3	37.4	112.2





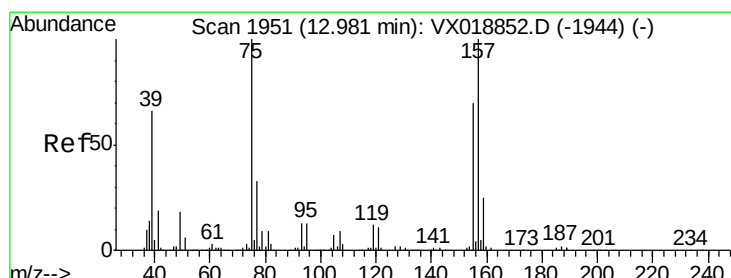
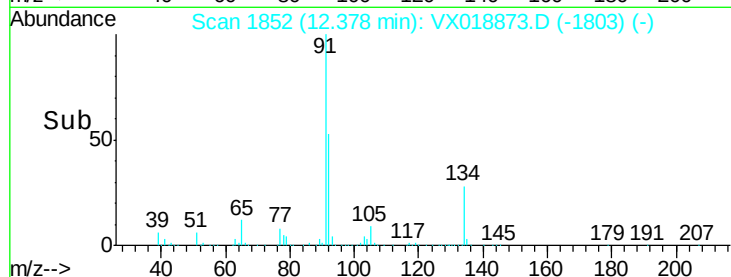
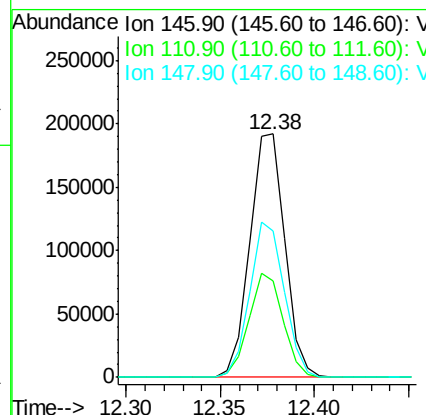
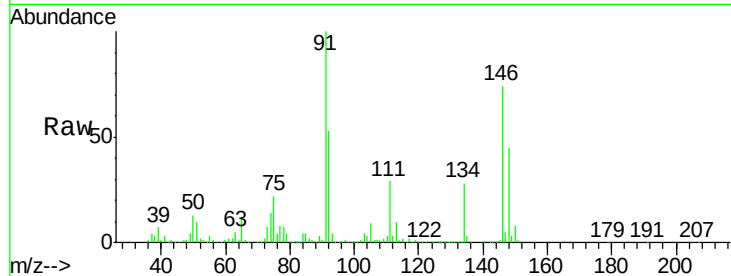
#91
 1,2-Dichlorobenzene
 Concen: 48.883 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.9
148	63.2	31.1	93.2

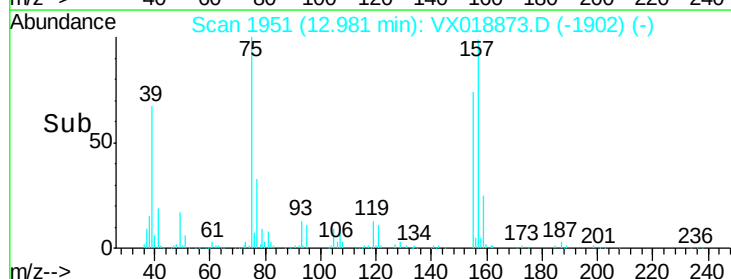
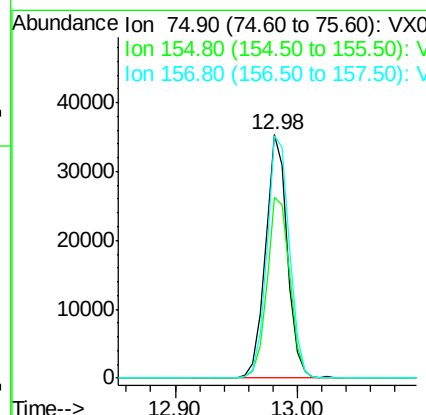
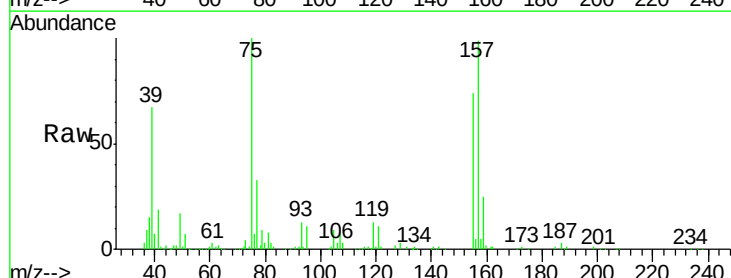
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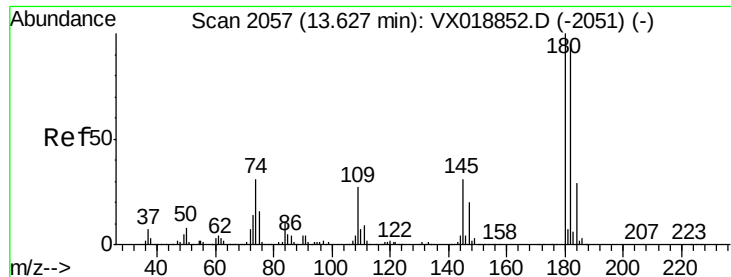
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.821 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.5	38.0	113.9
157	102.4	50.9	152.7





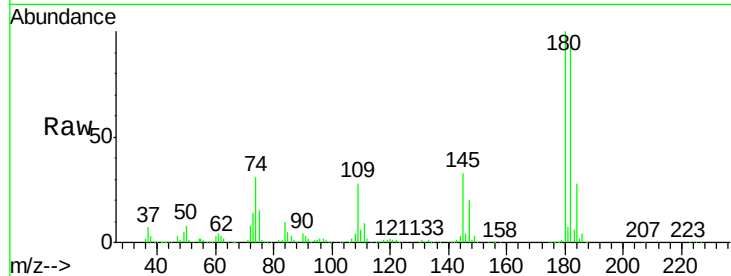
#93
 1,2,4-Trichlorobenzene
 Concen: 49.230 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

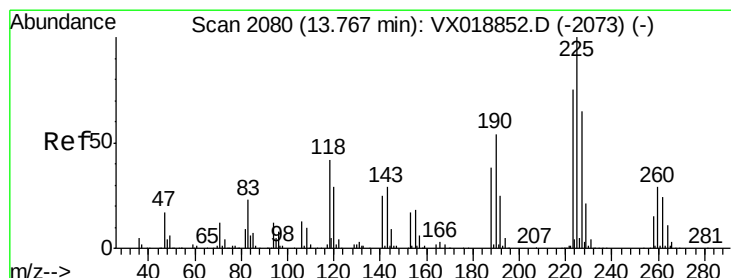
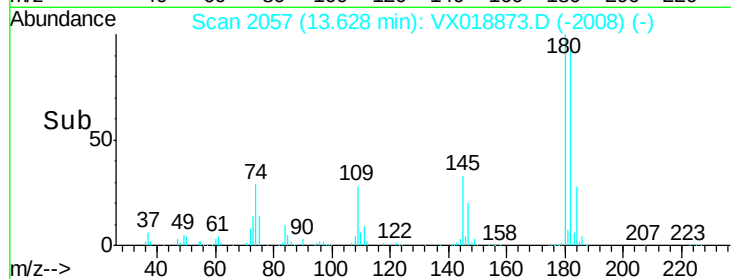
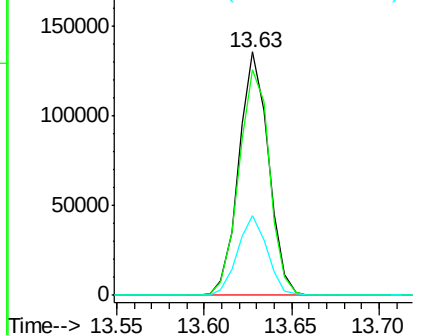
Tot Ion	Ratio	Resp	Lower	Upper
180	100	160196		
182	95.4	49.1	147.3	
145	32.6	16.0	48.0	

Manual Integrations
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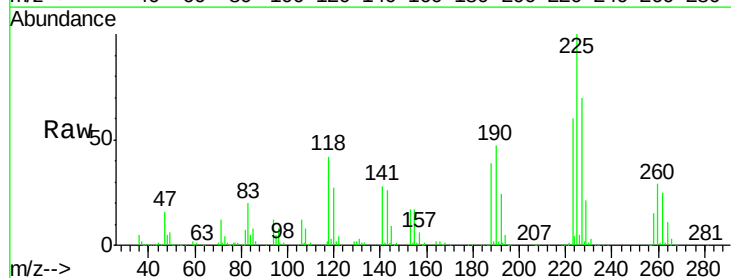


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

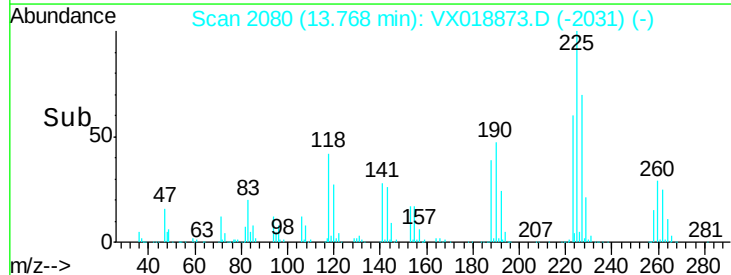
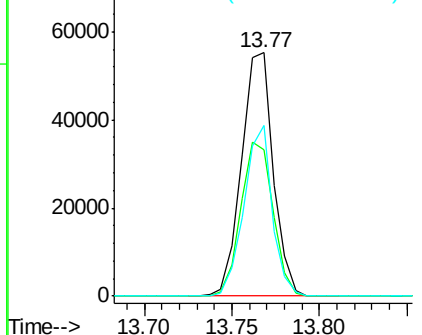


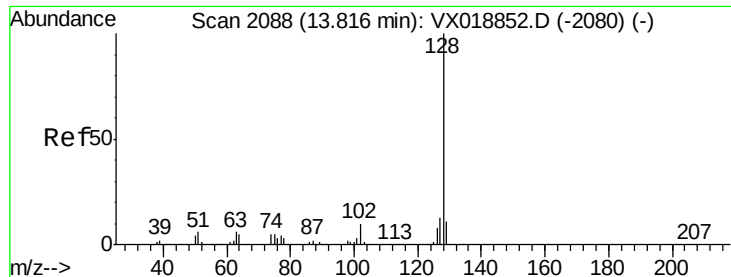
#94
 Hexachlorobutadiene
 Concen: 48.133 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018873.D
 Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69569		
223	64.5	32.1	96.3	
227	62.4	33.0	98.9	



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





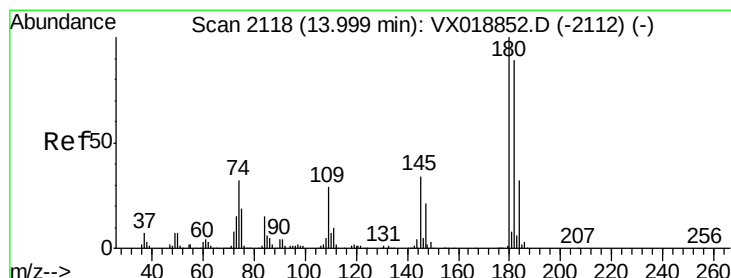
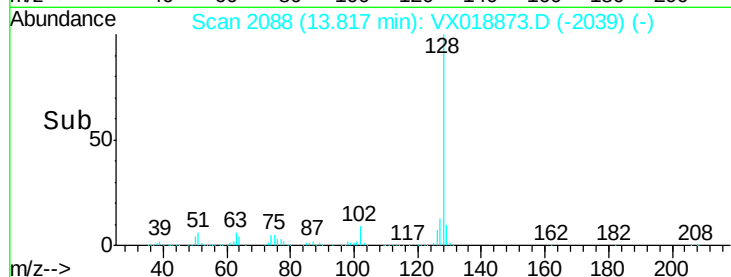
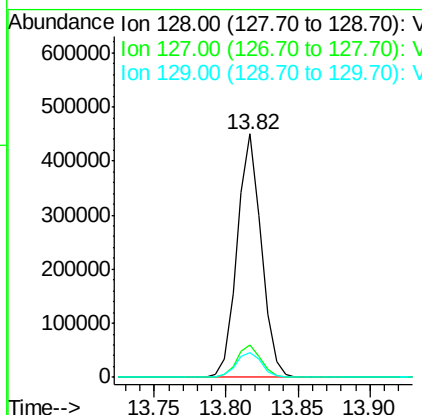
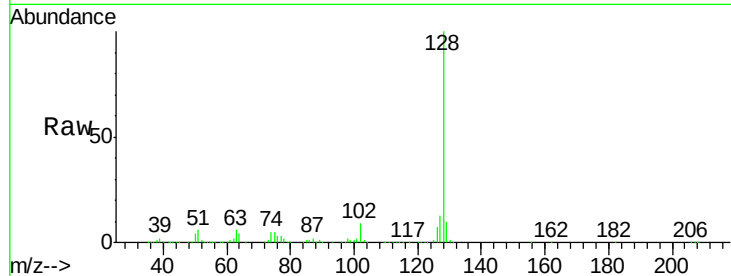
#95
Naphthalene
Concen: 48.537 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:23:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.580 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018873.D
Acq: 09 Oct 2020 22:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.7	143.1
145	33.8	16.7	50.0

