

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018896.D
 Acq On : 10 Oct 2020 08:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:43 PM

Quant Time: Oct 11 23:04:43 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	177615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	284271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	262054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	154037	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	134974	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
35) Dibromofluoromethane	5.46	113	96560	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	8.70	98	350296	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.12	95	133472	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	110160	52.370	ug/l	97
3) Chloromethane	1.31	50	84578	50.806	ug/l	99
4) Vinyl Chloride	1.39	62	98043	52.686	ug/l	96
5) Bromomethane	1.62	94	59854	57.751	ug/l	99
6) Chloroethane	1.71	64	62881	50.453	ug/l	96
7) Trichlorofluoromethane	1.92	101	193460	52.742	ug/l	97
8) Diethyl Ether	2.17	74	52884	51.700	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88392	50.176	ug/l	97
10) Methyl Iodide	2.49	142	73931	40.746	ug/l	99
11) Tert butyl alcohol	3.01	59	115804	280.676	ug/l	99
12) 1,1-Dichloroethene	2.35	96	87619	53.405	ug/l	97
13) Acrolein	2.28	56	108424	315.846	ug/l	99
14) Allyl chloride	2.71	41	148777	50.025	ug/l	99
15) Acrylonitrile	3.12	53	234139	267.576	ug/l	99
16) Acetone	2.42	43	244583	247.296	ug/l	98
17) Carbon Disulfide	2.55	76	243477	50.620	ug/l	100
18) Methyl Acetate	2.75	43	134735	61.872	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	298133	54.207	ug/l	98
20) Methylene Chloride	2.84	84	100286	53.634	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	97793	51.401	ug/l	89
22) Diisopropyl ether	3.82	45	288826	54.263	ug/l	93
23) Vinyl Acetate	3.79	43	1372759	268.165	ug/l	100
24) 1,1-Dichloroethane	3.67	63	184390	51.525	ug/l	98
25) 2-Butanone	4.63	43	369276	260.255	ug/l	100
26) 2,2-Dichloropropane	4.55	77	112622	32.617	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	108353	51.284	ug/l	96
28) Bromochloromethane	4.98	49	82820	52.327	ug/l	94
29) Tetrahydrofuran	5.09	42	210768	276.863	ug/l	98
30) Chloroform	5.18	83	202643	51.396	ug/l	97
31) Cyclohexane	5.55	56	131276	53.653	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	192553	51.390	ug/l	99
36) 1,1-Dichloropropene	5.77	75	137909	46.141	ug/l	98
37) Ethyl Acetate	4.79	43	146050	50.602	ug/l	100
38) Carbon Tetrachloride	5.76	117	182467	49.255	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	131480	47.721	ug/l	95
40) Benzene	6.12	78	392283	48.853	ug/l	98
41) Methacrylonitrile	5.00	41	81612	48.742	ug/l	99
42) 1,2-Dichloroethane	6.17	62	181005	48.081	ug/l	100
43) Isopropyl Acetate	6.42	43	235427	49.081	ug/l	99
44) Trichloroethene	7.19	130	113167	46.994	ug/l	97
45) 1,2-Dichloropropane	7.49	63	104035	48.965	ug/l	96
46) Dibromomethane	7.64	93	75700	48.212	ug/l	99
47) Bromodichloromethane	7.88	83	166658	48.981	ug/l	97
48) Methyl methacrylate	7.74	41	121800	50.043	ug/l	99
49) 1,4-Dioxane	7.71	88	33310	976.040	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	751525	268.436	ug/l	100
52) Toluene	8.77	92	257591	49.988	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	167012	47.404	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	169026	46.637	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	104095	47.028	ug/l	97
56) Ethyl methacrylate	9.16	69	153680	47.705	ug/l	99
57) 1,3-Dichloropropane	9.35	76	178650	49.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	407014	254.153	ug/l	100
59) 2-Hexanone	9.47	43	558891	262.020	ug/l	99
60) Dibromochloromethane	9.57	129	133037	47.880	ug/l	100
61) 1,2-Dibromoethane	9.65	107	115717	48.751	ug/l	100
64) Tetrachloroethene	9.32	164	104303	54.621	ug/l	92
65) Chlorobenzene	10.12	112	274414	48.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	115810	49.570	ug/l	99
67) Ethyl Benzene	10.24	91	481957	50.448	ug/l	99
68) m/p-Xylenes	10.34	106	368903	101.636	ug/l	100
69) o-Xylene	10.68	106	170787	49.942	ug/l	100
70) Styrene	10.69	104	304411	52.581	ug/l	100
71) Bromoform	10.84	173	104318	51.623	ug/l #	99
73) Isopropylbenzene	11.00	105	493838	49.009	ug/l	100
74) N-amyl acetate	10.88	43	187338	46.991	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	152824	45.504	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	148730m	44.812	ug/l	
77) Bromobenzene	11.24	156	129075	46.632	ug/l	97
78) n-propylbenzene	11.34	91	540453	47.070	ug/l	100
79) 2-Chlorotoluene	11.40	91	338022	47.228	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	426878	49.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	46077	39.343	ug/l	95
82) 4-Chlorotoluene	11.49	91	409865	48.161	ug/l	99
83) tert-Butylbenzene	11.76	119	413181	47.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	429857	49.060	ug/l	98
85) sec-Butylbenzene	11.93	105	465388	47.860	ug/l	99
86) p-Isopropyltoluene	12.05	119	445900	48.335	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	235660	46.358	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	236447	45.920	ug/l	99
89) n-Butylbenzene	12.37	91	376591	46.983	ug/l	100
90) Hexachloroethane	12.58	117	80680	47.042	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	235750	48.720	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41817	48.685	ug/l	96

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Manual Integrations
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QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	152764	49.210	ug/l	94
94) Hexachlorobutadiene	13.77	225	63513	46.063	ug/l	96
95) Naphthalene	13.82	128	470140	45.647	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	138429	45.578	ug/l	92

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

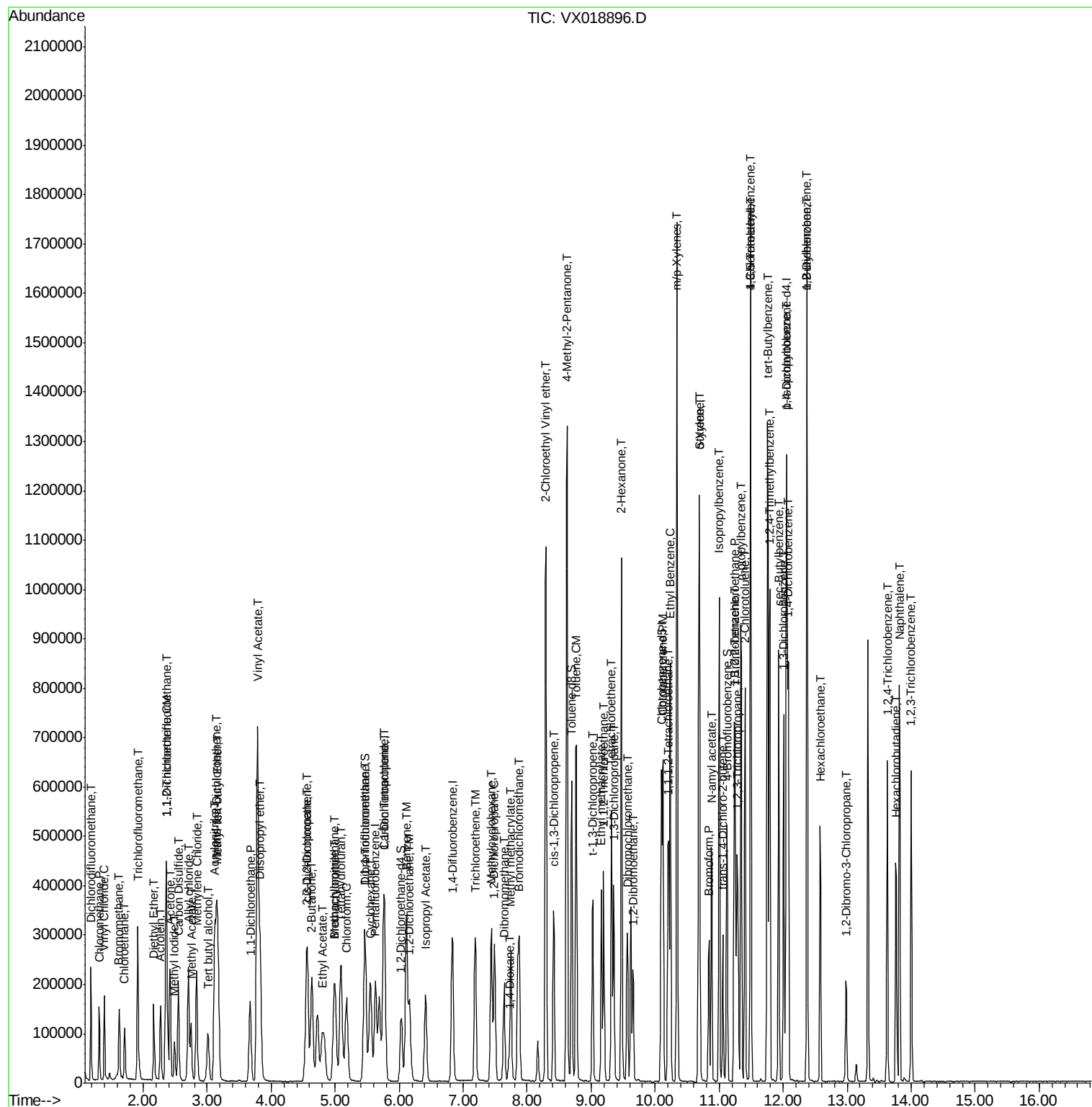
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 Data File : VX018896.D
 Acq On : 10 Oct 2020 08:08
 Operator : JC/SP
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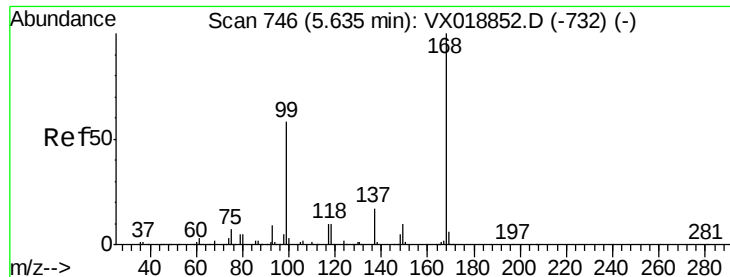
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 177615

Ion Ratio Lower Upper

168 100

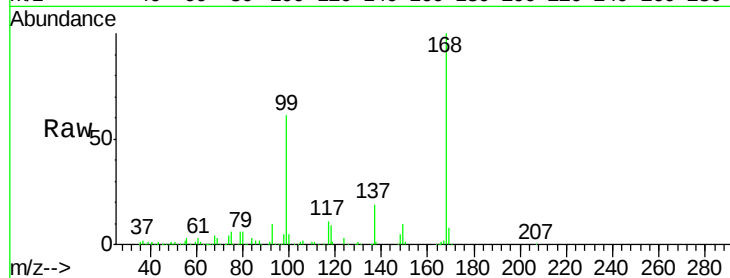
99 60.5 46.1 69.1

Manual Integrations

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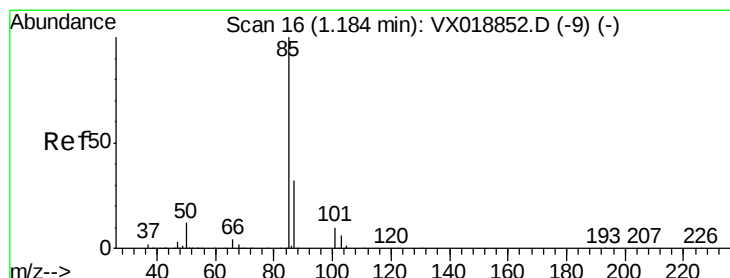
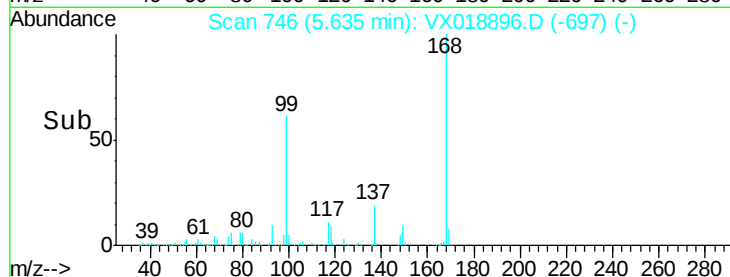
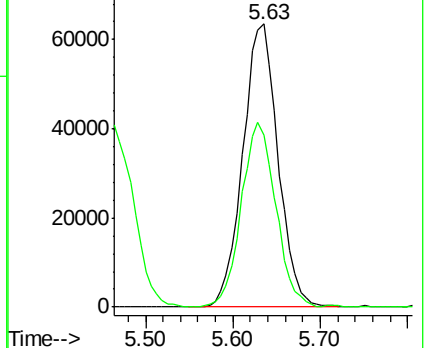
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.370 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018896.D

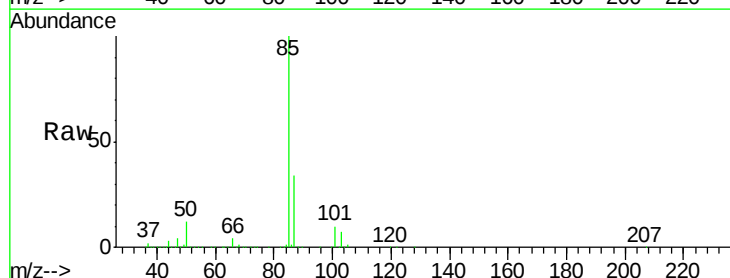
Acq: 10 Oct 2020 08:08

Tgt Ion: 85 Resp: 110160

Ion Ratio Lower Upper

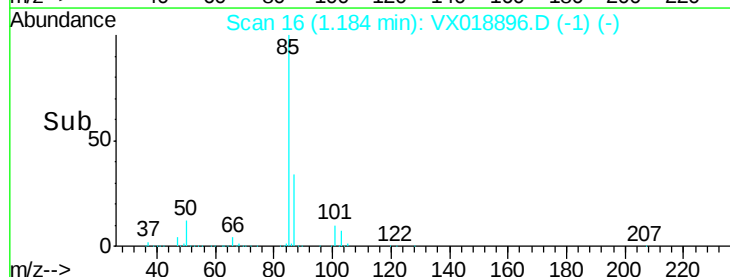
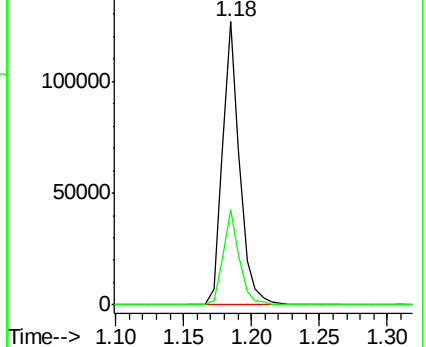
85 100

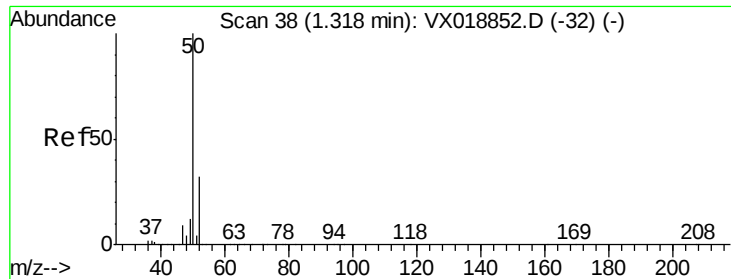
87 33.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.806 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 84578

Ion Ratio Lower Upper

50 100

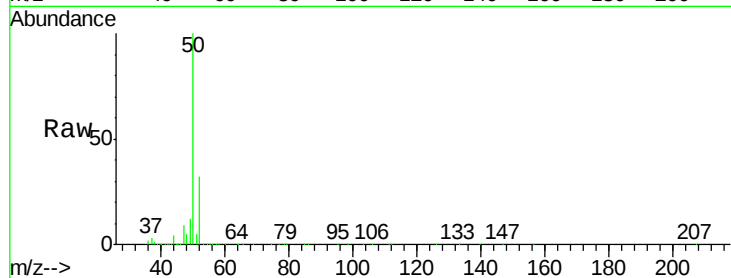
52 32.1 25.2 37.8

Manual Integrations

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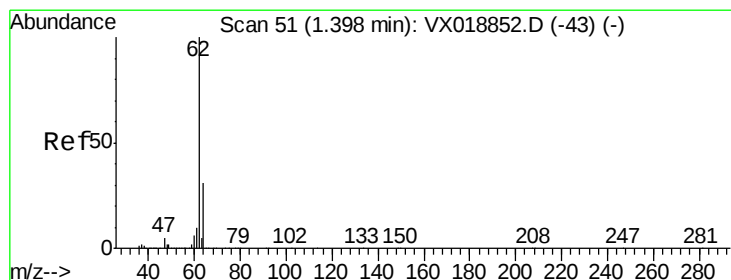
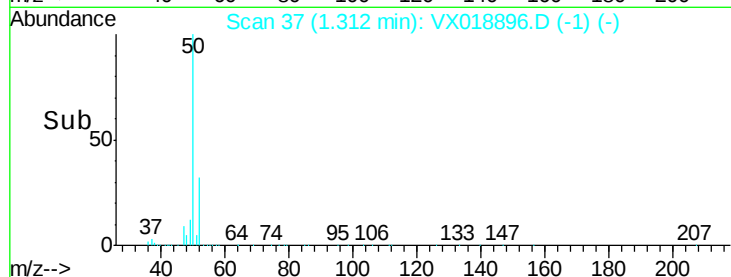
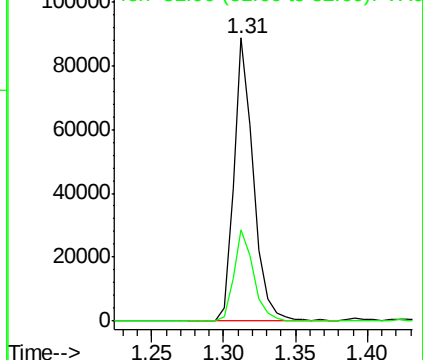
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.686 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018896.D

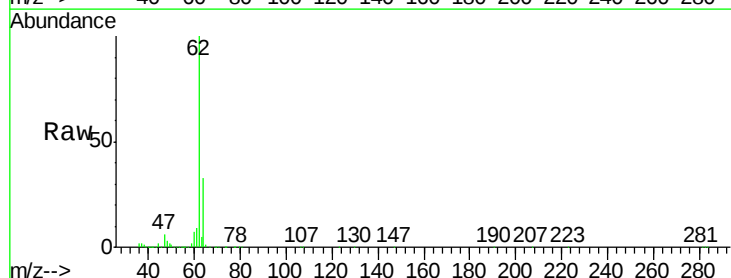
Acq: 10 Oct 2020 08:08

Tgt Ion: 62 Resp: 98043

Ion Ratio Lower Upper

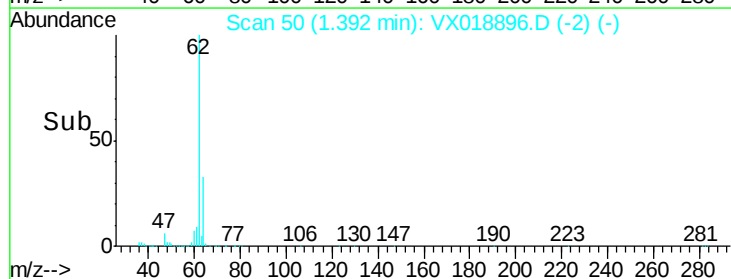
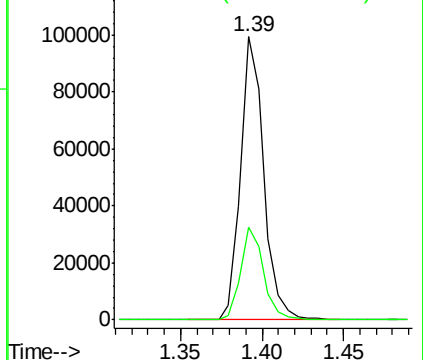
62 100

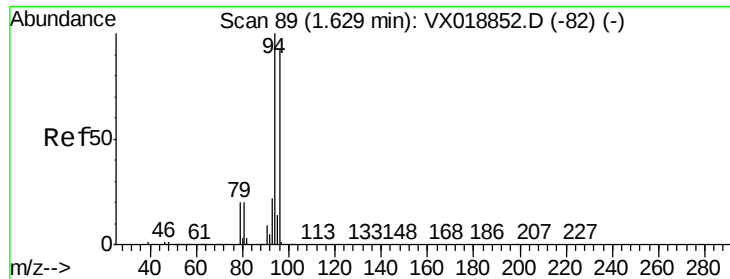
64 32.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.751 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

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ClientSampleId :

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Tot Ion: 94 Resp: 59854

Ion Ratio Lower Upper

94 100

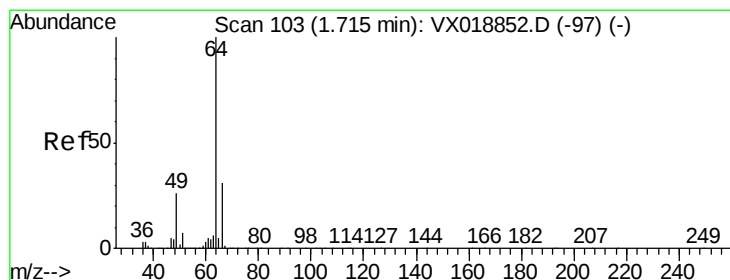
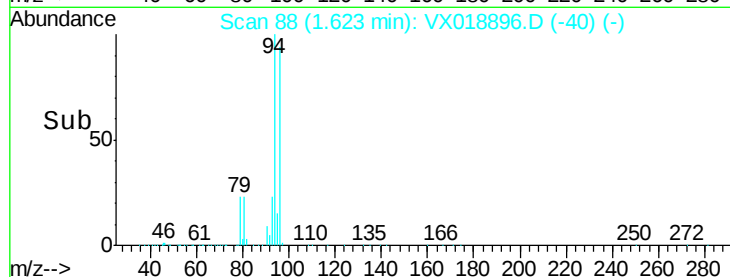
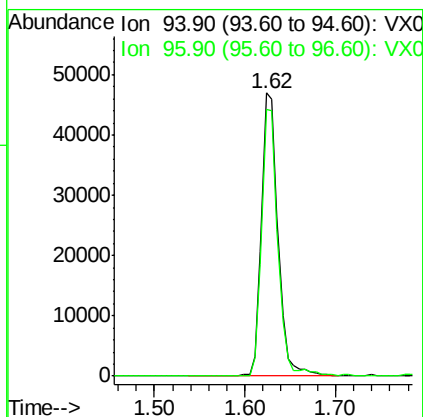
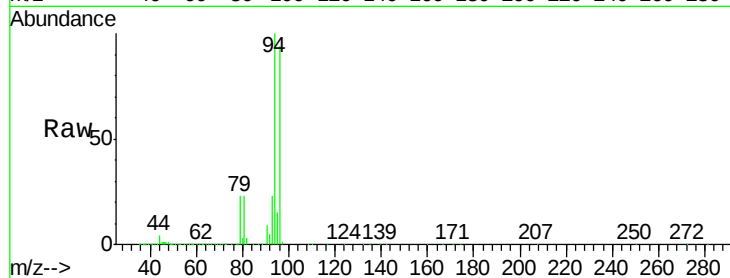
96 94.0 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 50.453 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018896.D

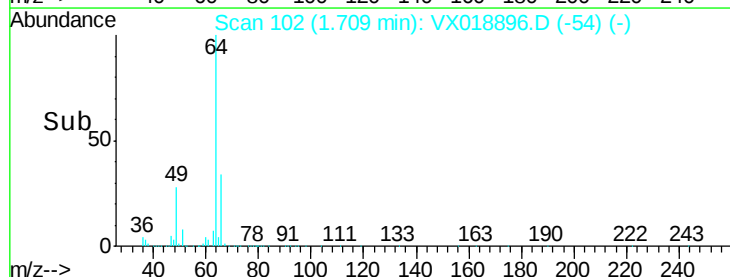
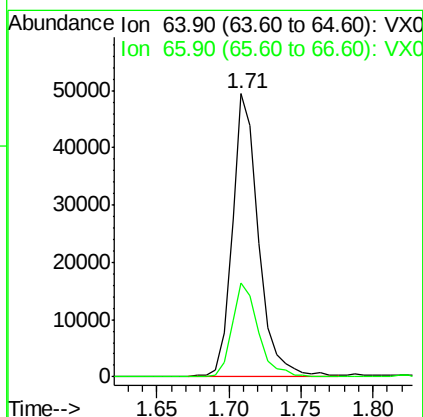
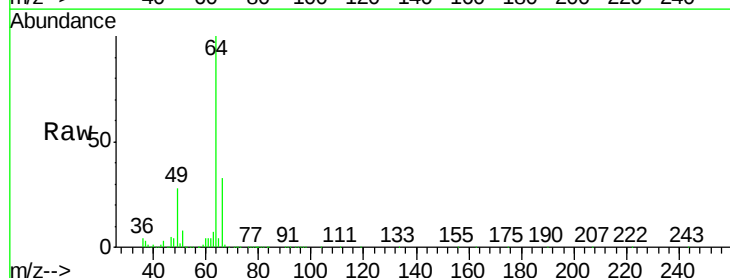
Acq: 10 Oct 2020 08:08

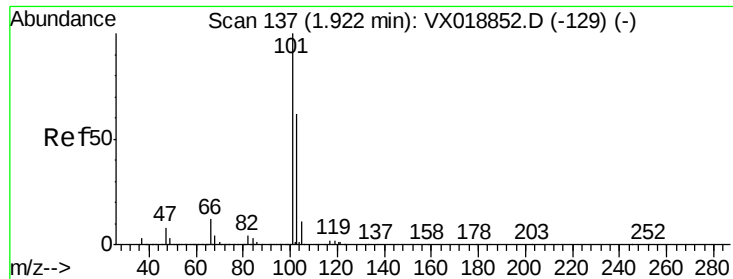
Tgt Ion: 64 Resp: 62881

Ion Ratio Lower Upper

64 100

66 33.1 24.7 37.1





#7

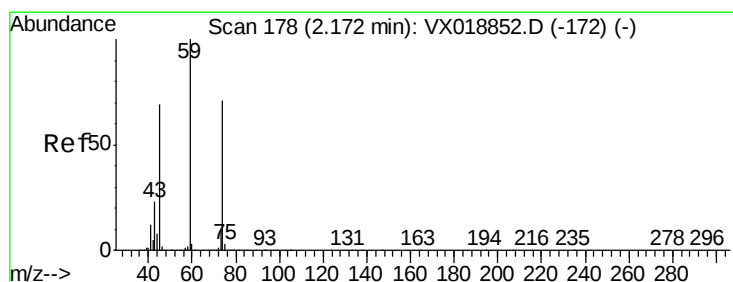
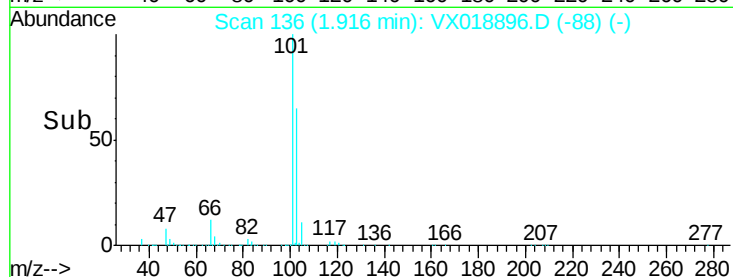
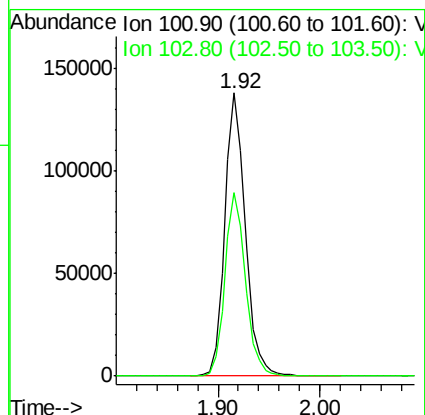
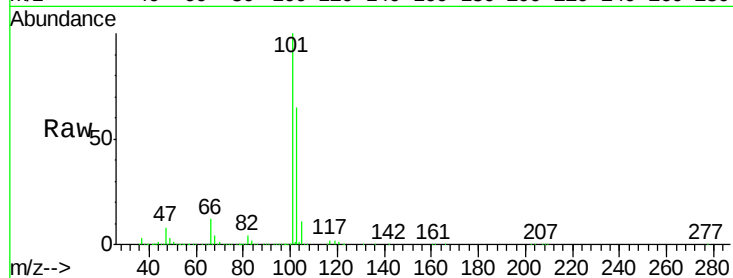
Trichlorofluoromethane
Concen: 52.742 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.0	75.0

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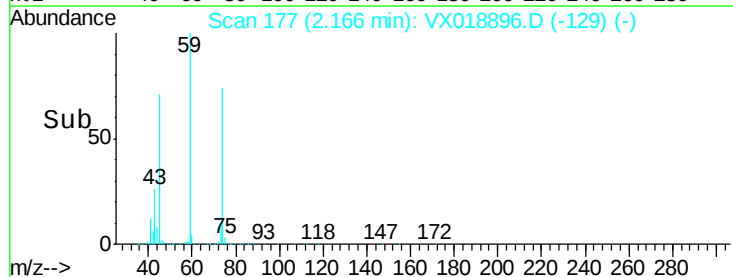
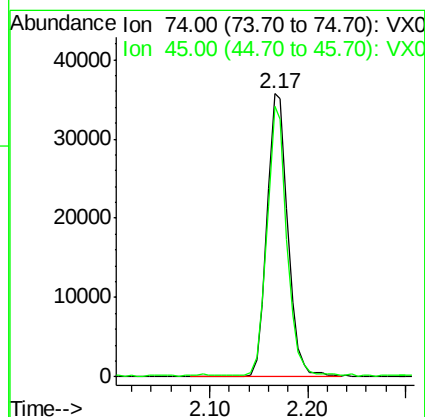
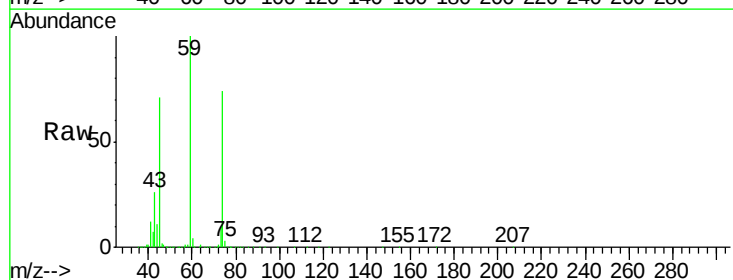
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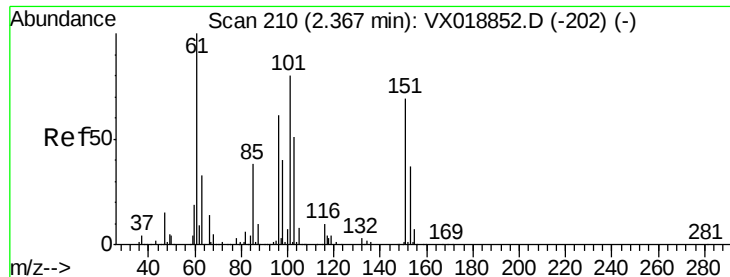


#8

Diethyl Ether
Concen: 51.700 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.7	47.0	141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.176 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

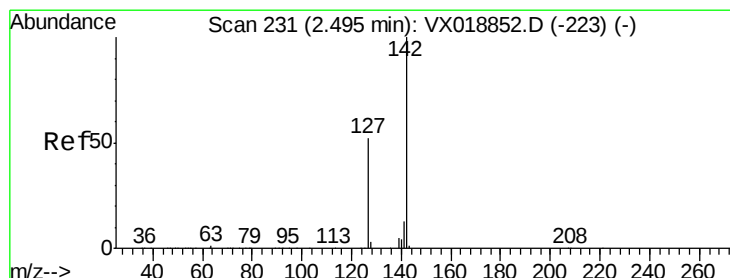
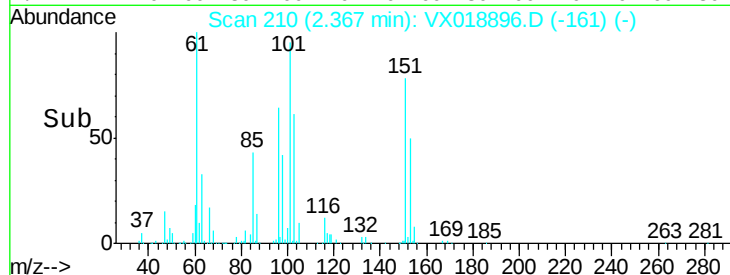
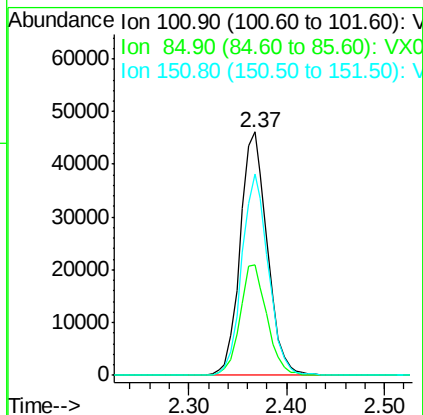
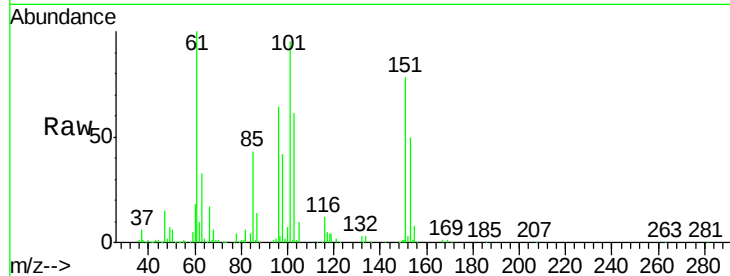
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	88392
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.6	55.0
151	80.8	67.2	100.8

Manual Integrations
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MMDadoda
10/12/2020 2:23:43 PM



#10

Methyl Iodide

Concen: 40.746 ug/l

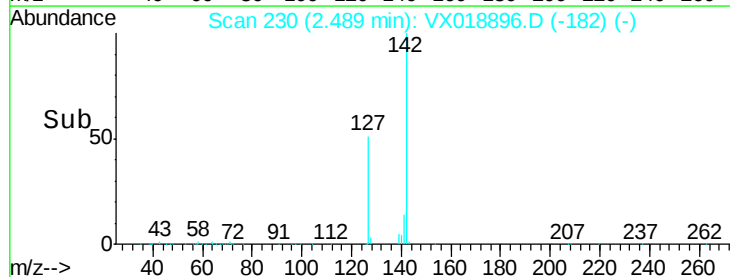
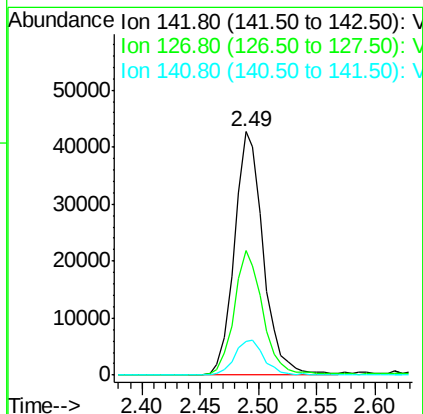
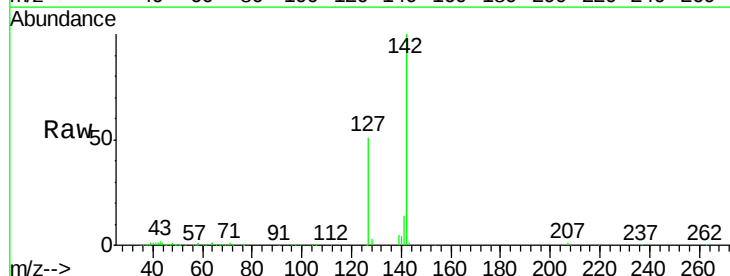
RT: 2.49 min Scan# 230

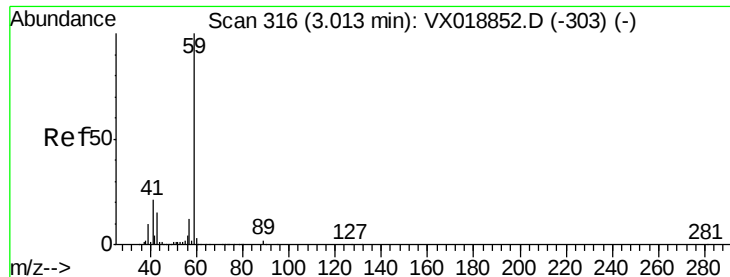
Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion:	142	Resp:	73931
Ion Ratio	Lower	Upper	
142	100		
127	51.2	42.0	63.0
141	14.7	11.8	17.6





#11

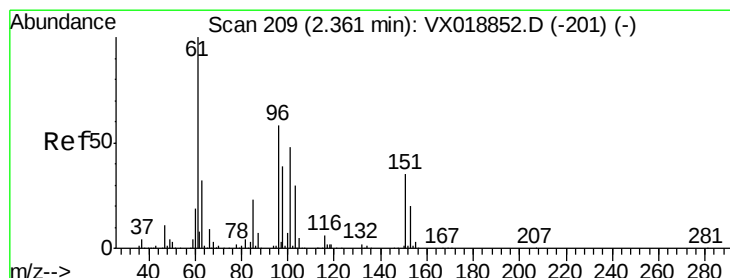
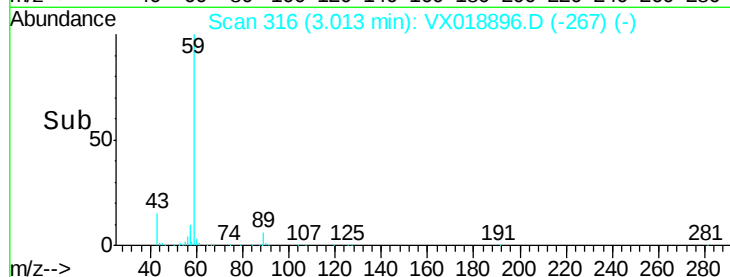
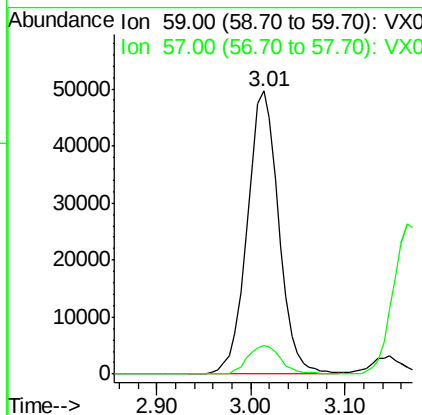
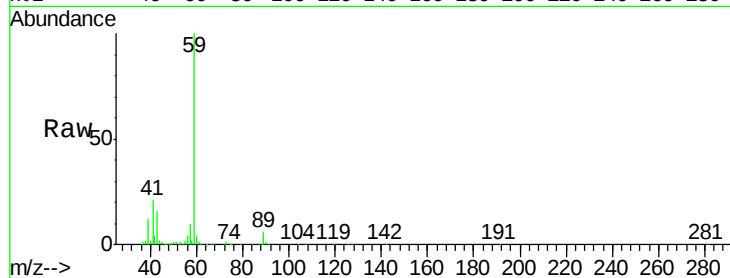
Tert butyl alcohol
Concen: 280.676 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.0	13.6

Manual Integrations
APPROVED

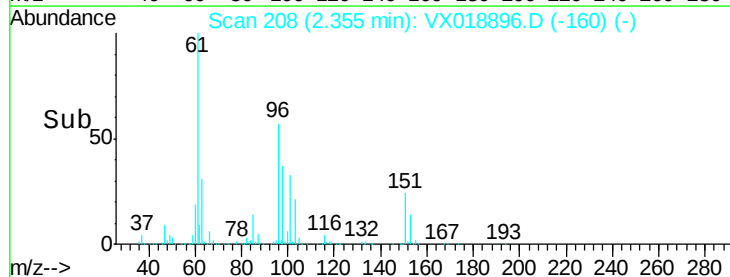
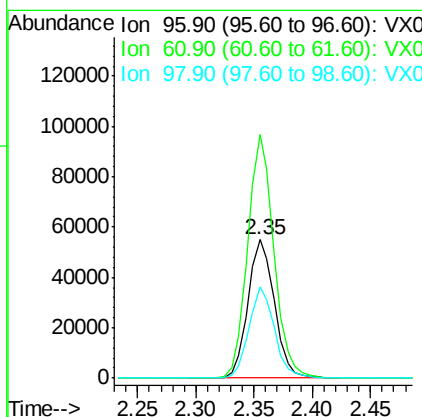
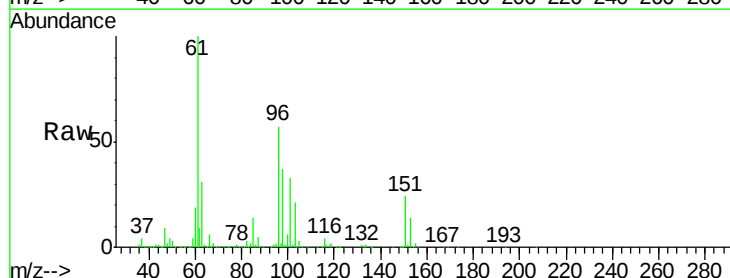
MMDadoda
10/12/2020 2:23:43 PM

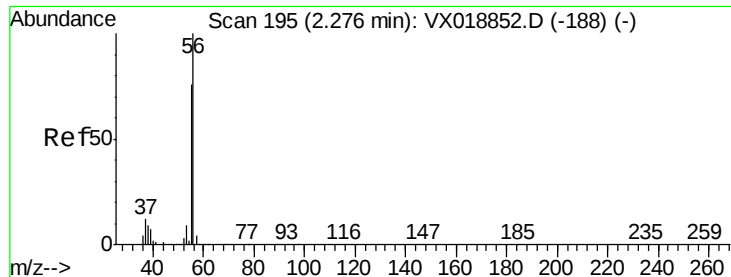


#12

1,1-Dichloroethene
Concen: 53.405 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.01 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.1	137.0	205.6
98	66.0	53.9	80.9





#13

Acrolein

Concen: 315.846 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 108424

Ion Ratio Lower Upper

56 100

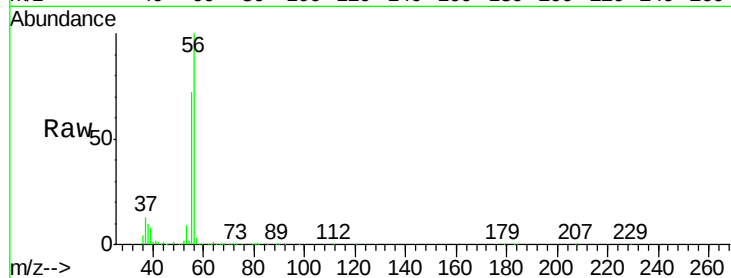
55 72.5 58.6 87.8

Manual Integrations

APPROVED

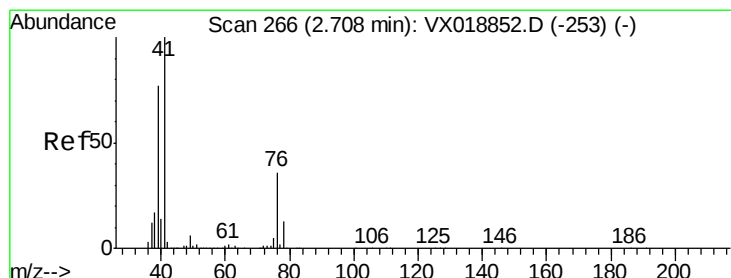
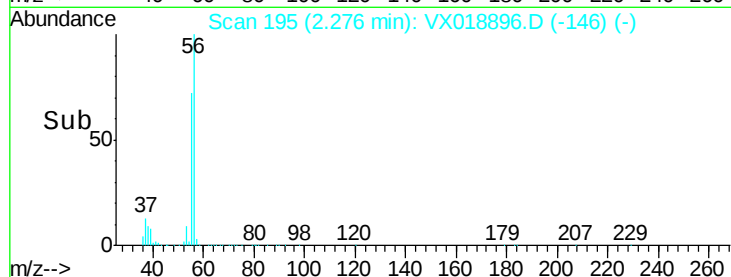
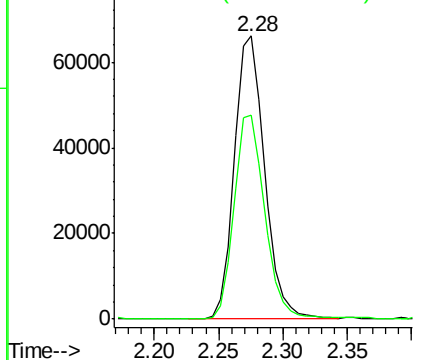
MMDadoda

10/12/2020 2:23:43 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.025 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

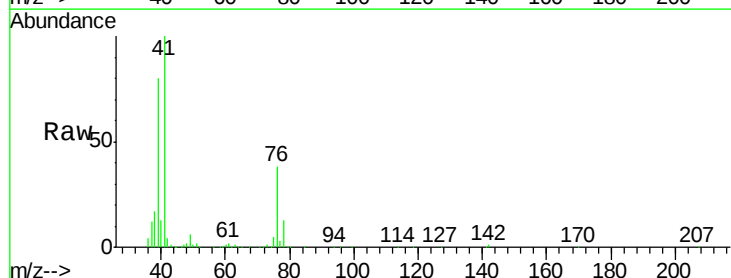
Tgt Ion: 41 Resp: 148777

Ion Ratio Lower Upper

41 100

39 73.6 57.8 86.8

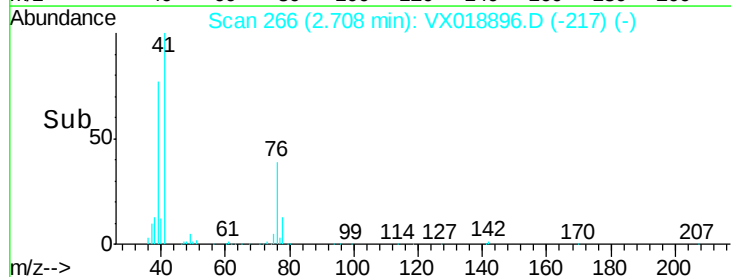
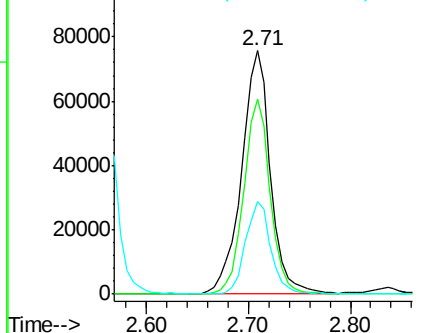
76 33.4 26.8 40.2

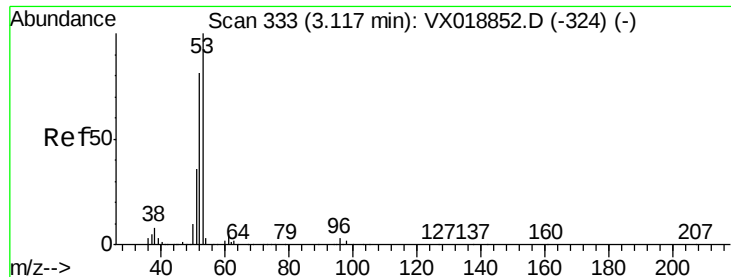


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





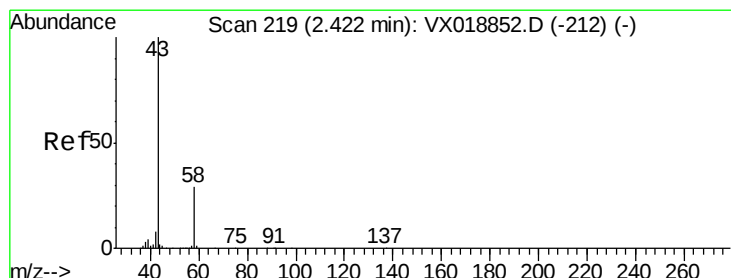
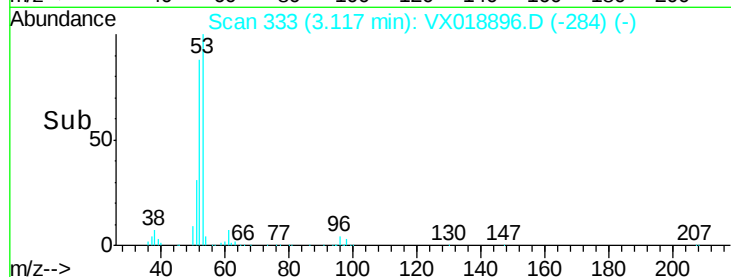
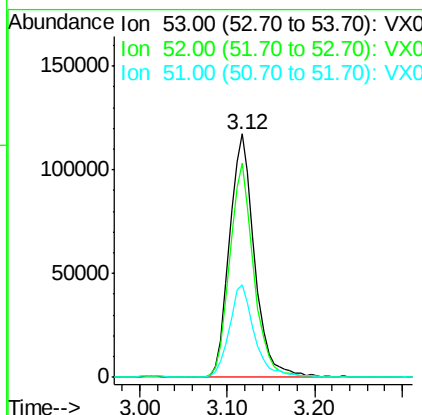
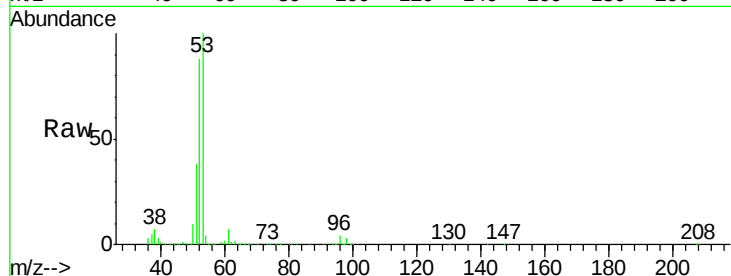
#15
 Acrylonitrile
 Concen: 267.576 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.7	66.7	100.1
51	38.1	30.3	45.5

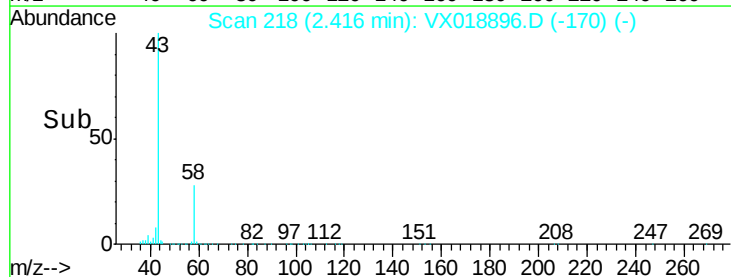
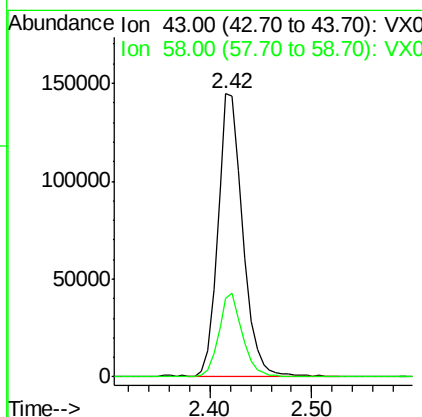
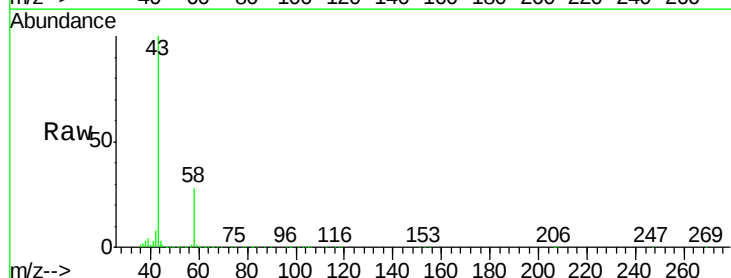
Manual Integrations
 APPROVED

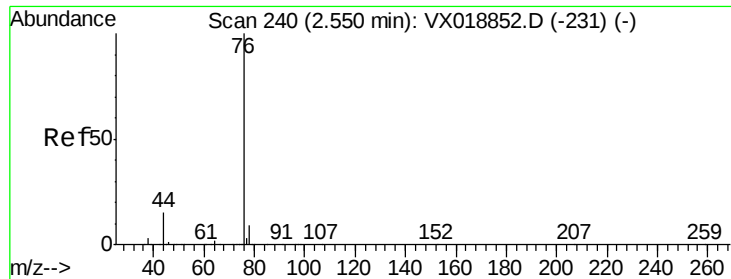
MMDadoda
 10/12/2020 2:23:43 PM



#16
 Acetone
 Concen: 247.296 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.7	23.0	34.4





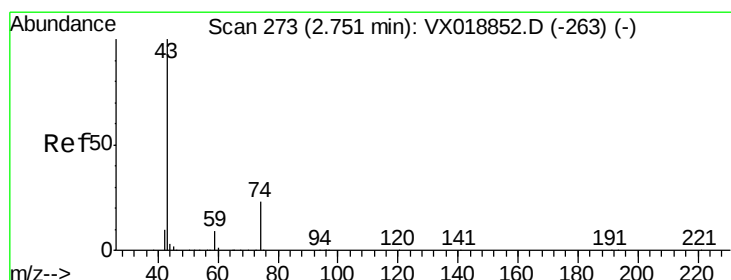
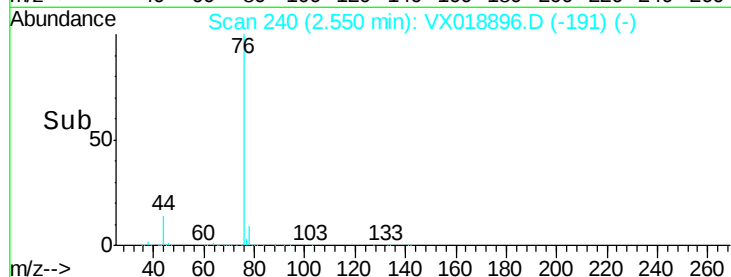
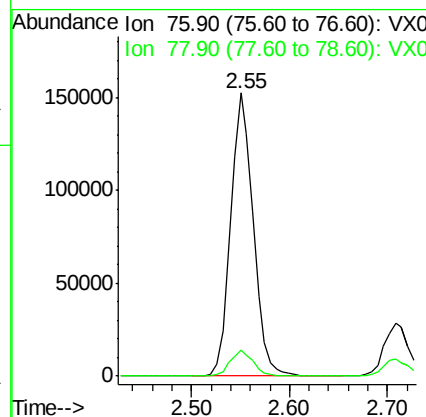
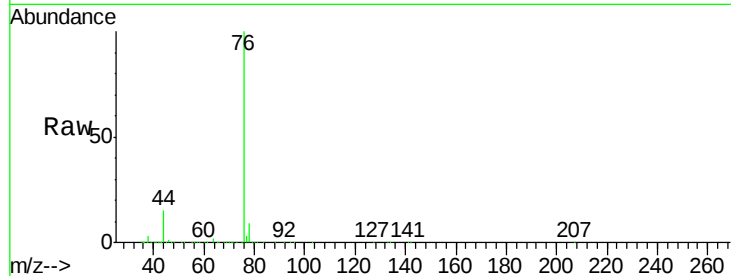
#17
Carbon Disulfide
Concen: 50.620 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

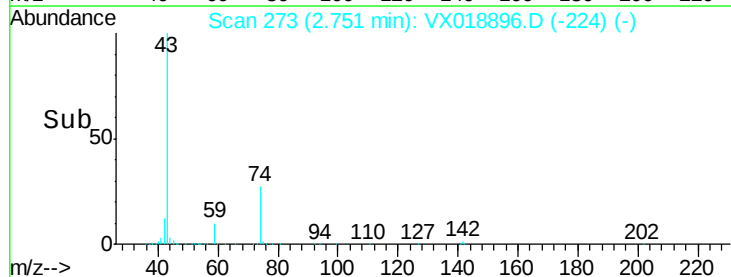
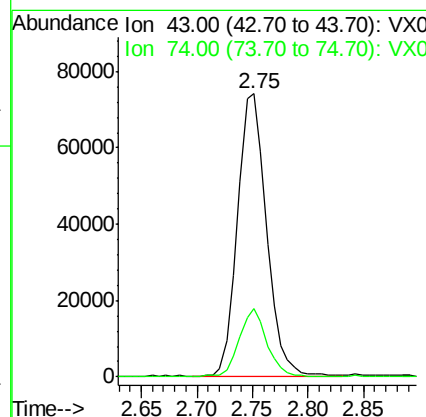
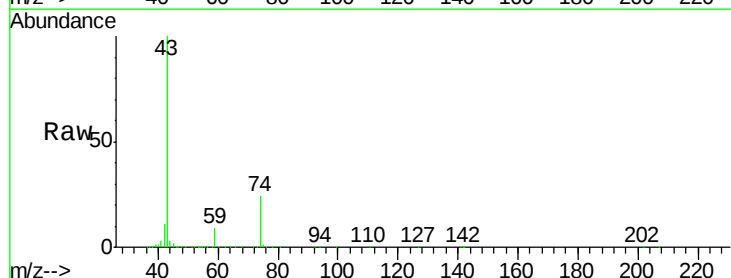
Manual Integrations
APPROVED

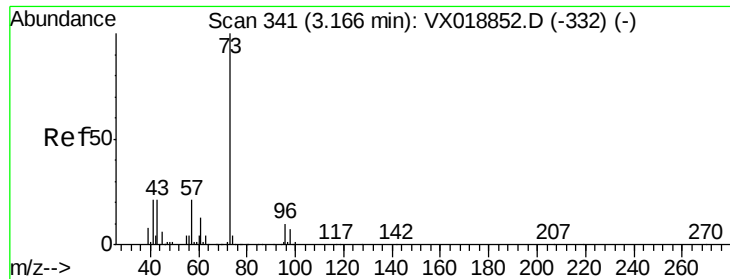
MMDadoda
10/12/2020 2:23:43 PM



#18
Methyl Acetate
Concen: 61.872 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.9	28.3





#19

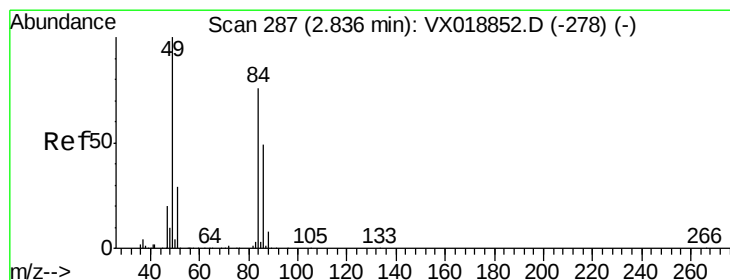
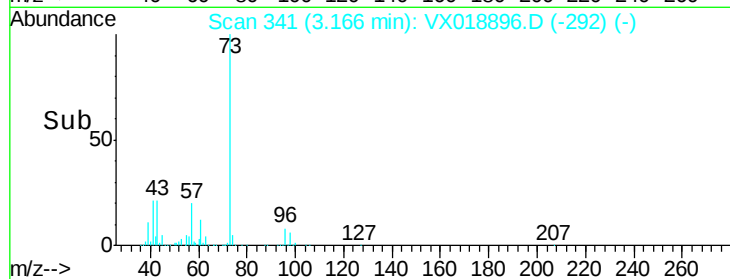
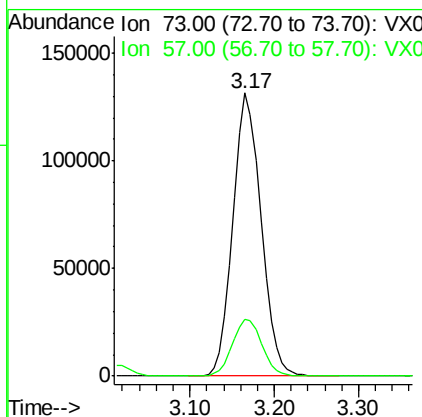
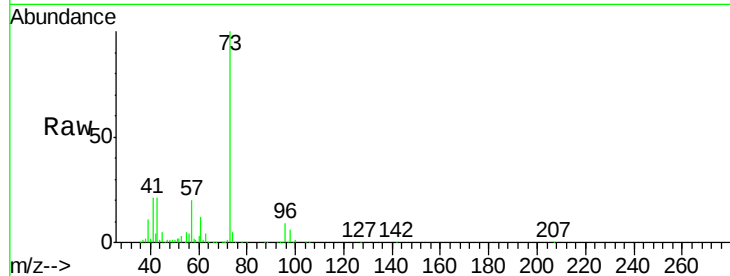
Methyl tert-butyl Ether
 Concen: 54.207 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.0	16.7	25.1

Manual Integrations
 APPROVED

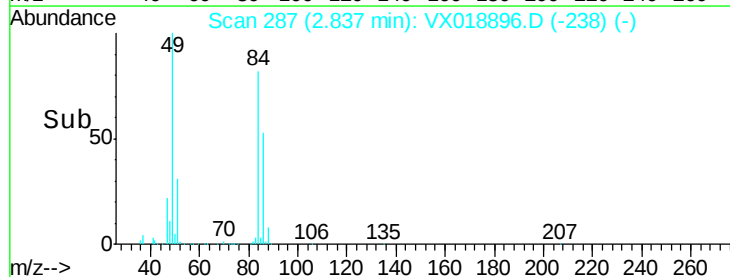
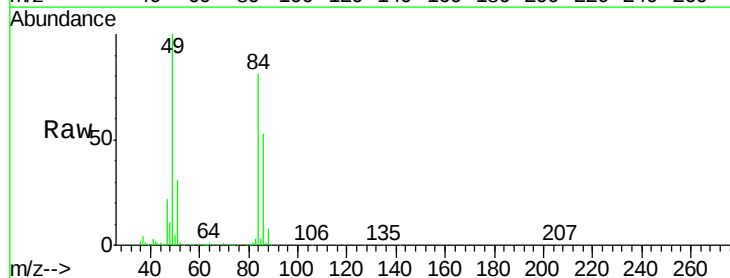
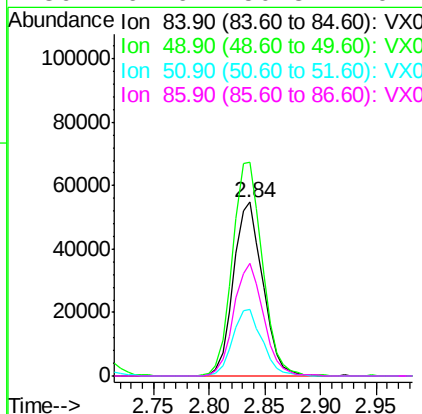
MMDadoda
 10/12/2020 2:23:43 PM

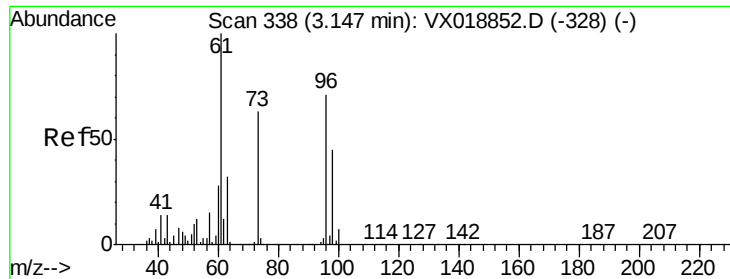


#20

Methylene Chloride
 Concen: 53.634 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.6	104.8	157.2
51	38.1	30.6	46.0
86	64.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 51.401 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 97793

Ion Ratio Lower Upper

96 100

61 155.1 112.0 168.0

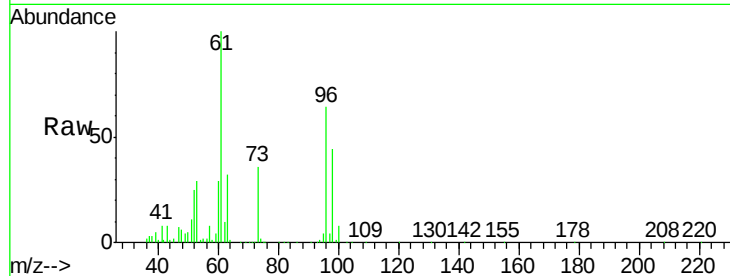
98 68.6 50.2 75.2

Manual Integrations

APPROVED

MMDadoda

10/12/2020 2:23:43 PM

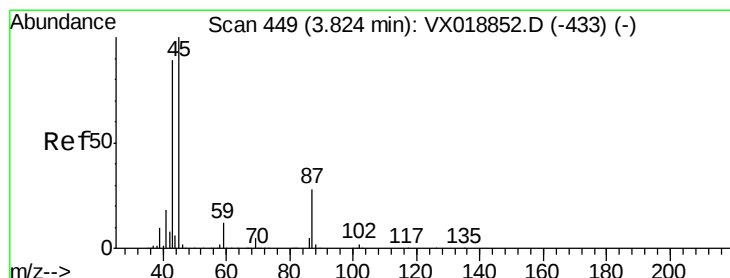
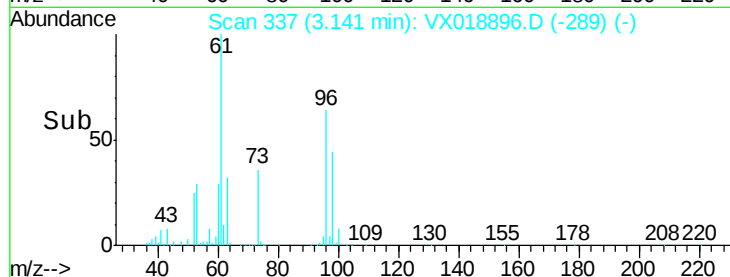
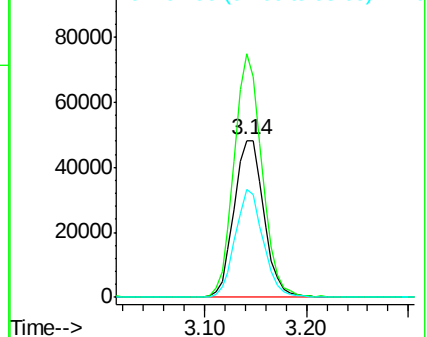


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.263 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion: 45 Resp: 288826

Ion Ratio Lower Upper

45 100

43 79.3 71.2 106.8

87 28.0 22.5 33.7

59 11.7 9.2 13.8

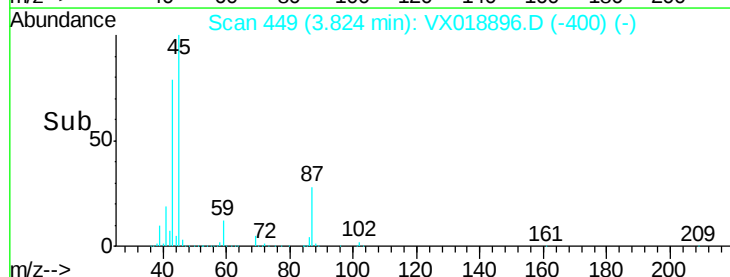
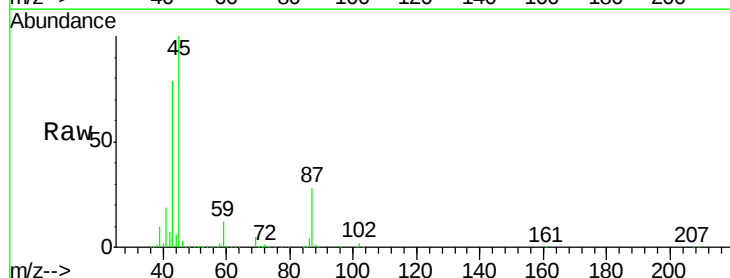
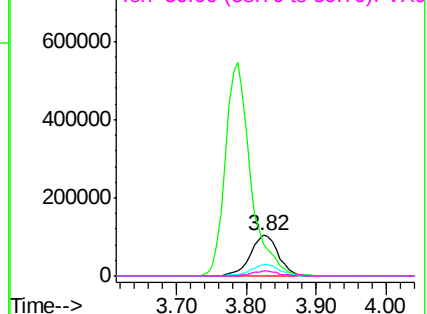
Abundance

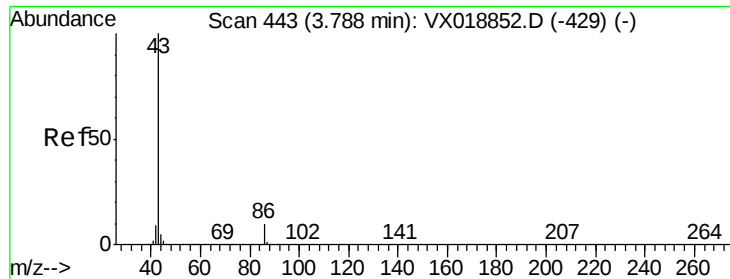
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 268.165 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1372759

Ion Ratio Lower Upper

43 100

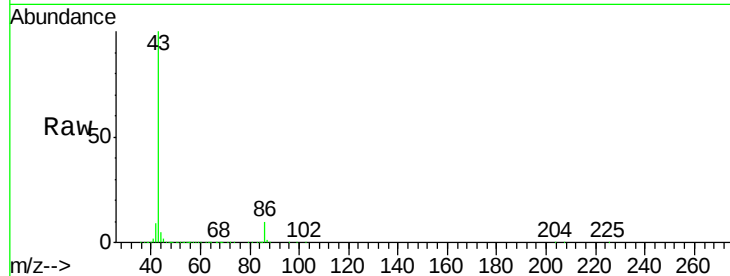
86 10.5 8.3 12.5

Manual Integrations

APPROVED

MMDadoda

10/12/2020 2:23:43 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

600000

500000

400000

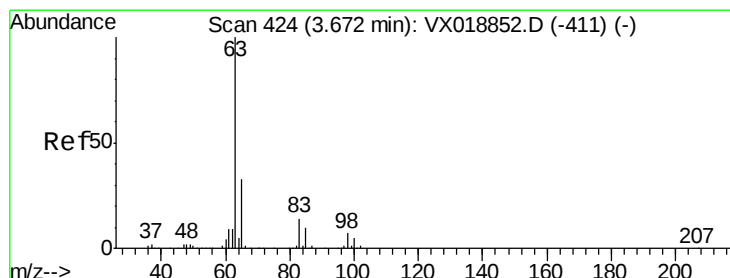
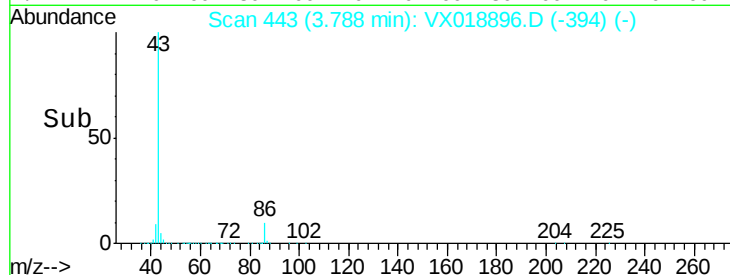
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 51.525 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

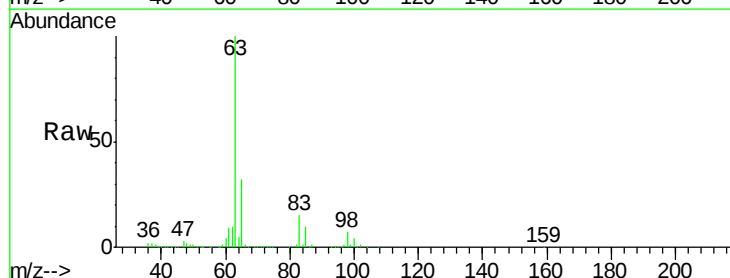
Tgt Ion: 63 Resp: 184390

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 4.2 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

100000

80000

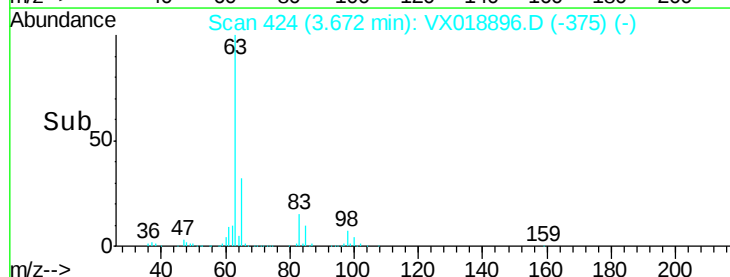
60000

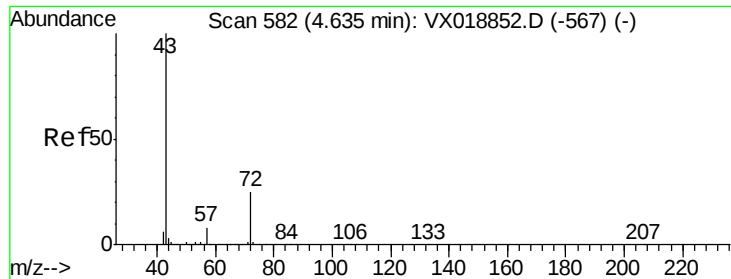
40000

20000

0

Time--> 3.50 3.60 3.70 3.80





#25

2-Butanone

Concen: 260.255 ug/l

RT: 4.63 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 369276

Ion Ratio Lower Upper

43 100

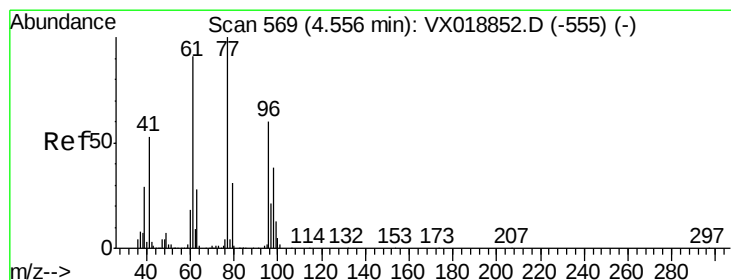
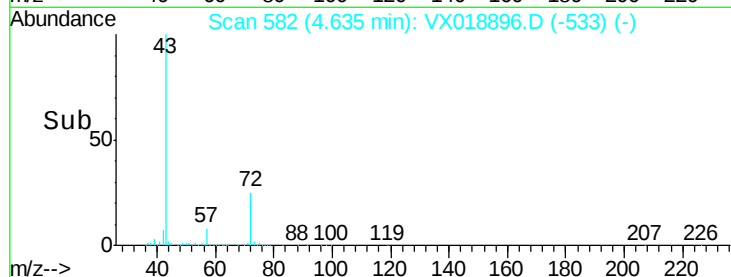
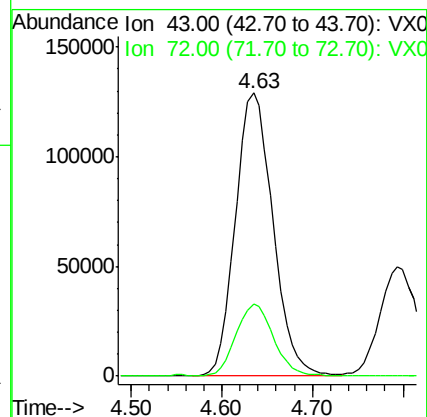
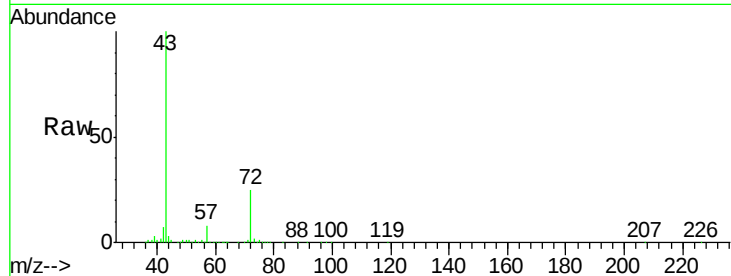
72 25.2 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 32.617 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018896.D

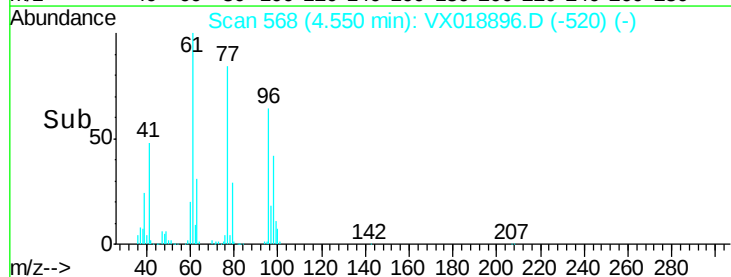
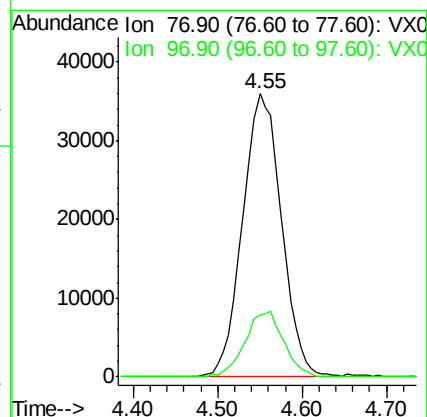
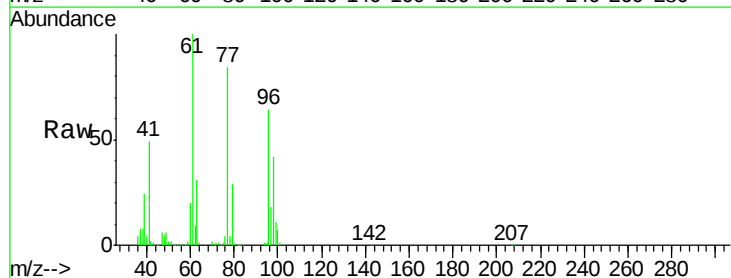
Acq: 10 Oct 2020 08:08

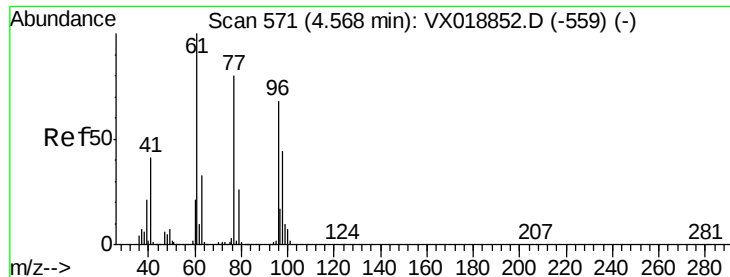
Tgt Ion: 77 Resp: 112622

Ion Ratio Lower Upper

77 100

97 22.9 10.4 31.4





#27

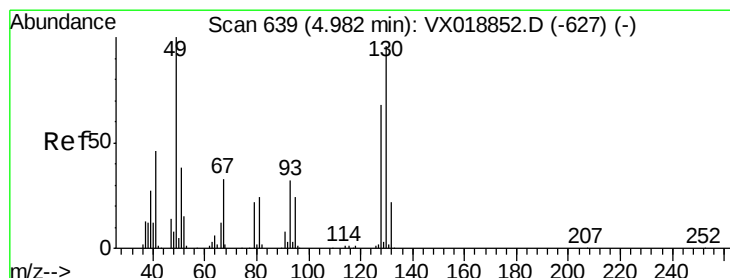
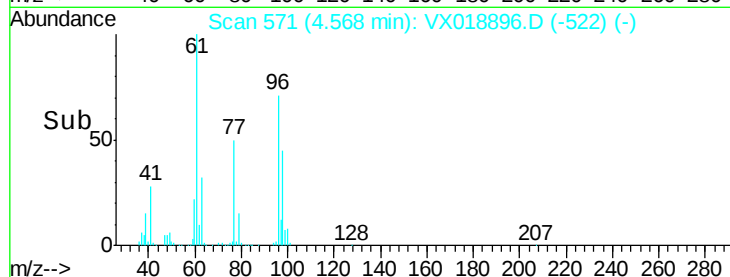
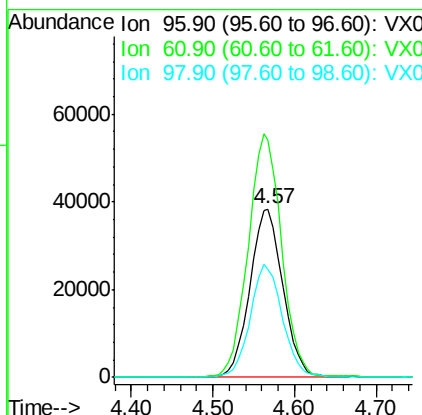
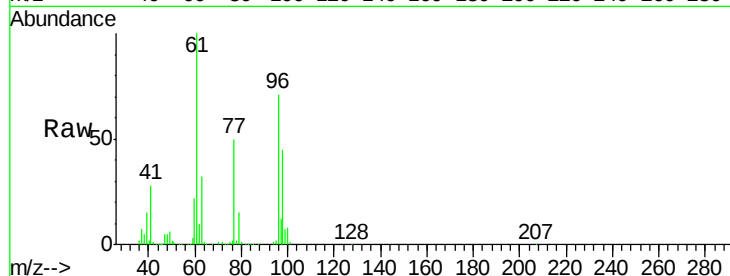
cis-1,2-Dichloroethene
Concen: 51.284 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	146.3	0.0	306.8	
98	65.6	0.0	130.2	

Manual Integrations
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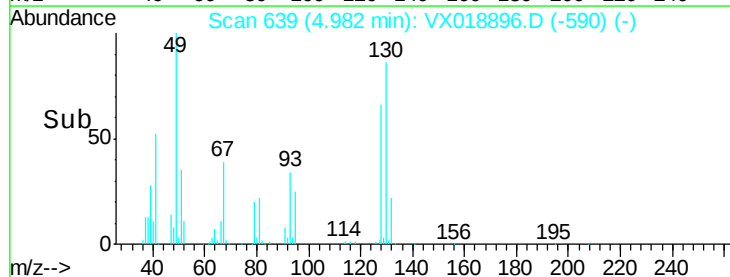
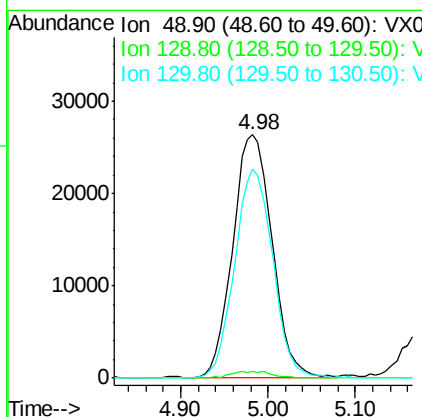
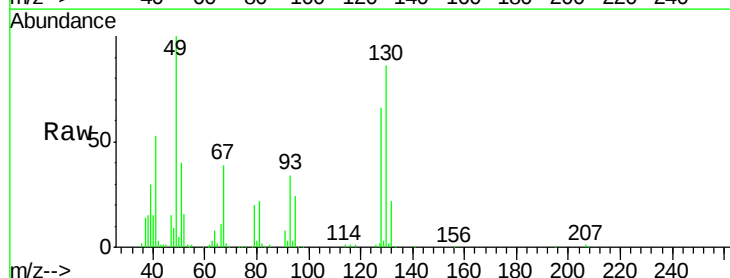
MMDadoda
10/12/2020 2:23:43 PM

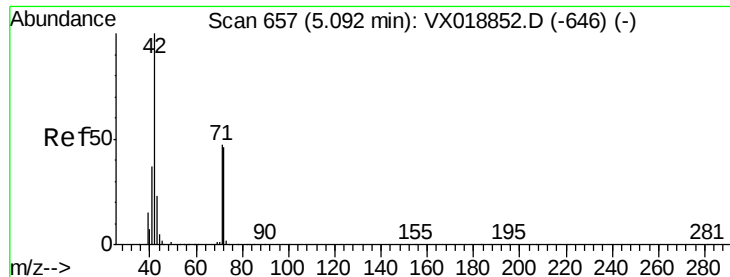


#28

Bromochloromethane
Concen: 52.327 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.3	0.0	5.4	
130	83.0	71.2	106.8	





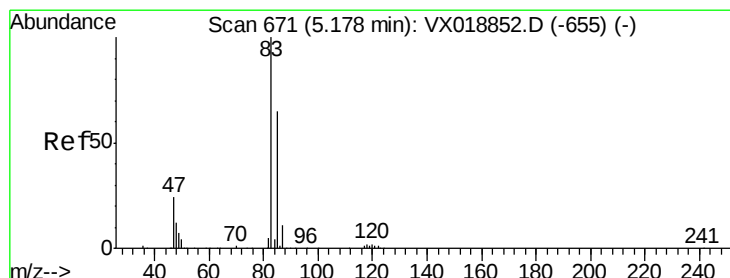
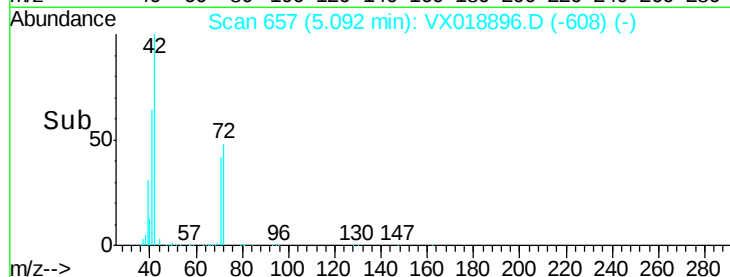
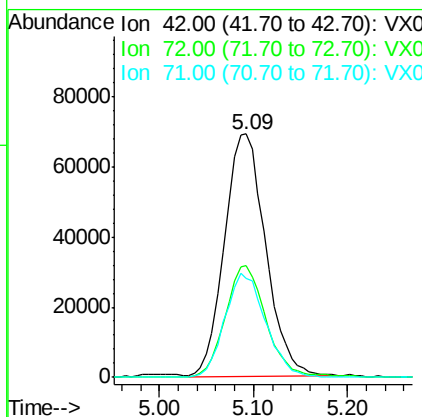
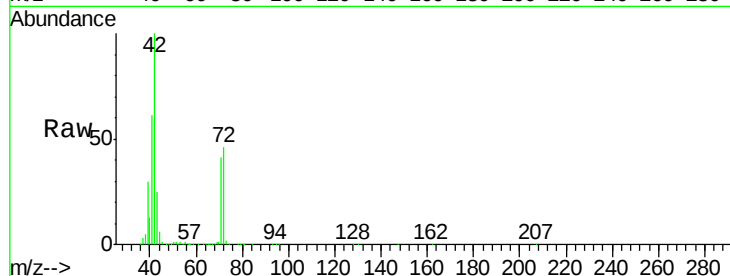
#29
Tetrahydrofuran
Concen: 276.863 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	210768
Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.4	54.6
71	42.6	35.2	52.8

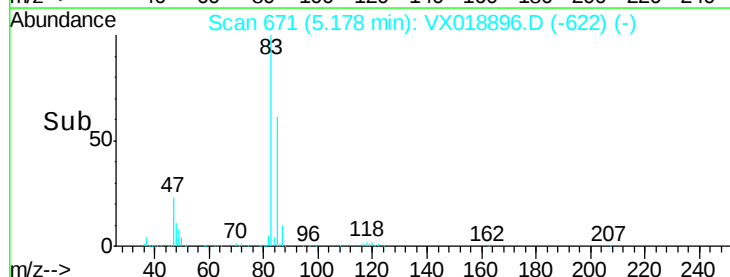
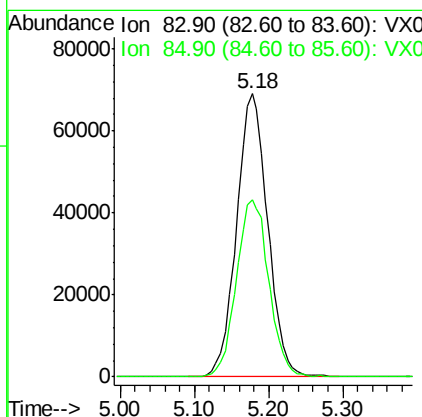
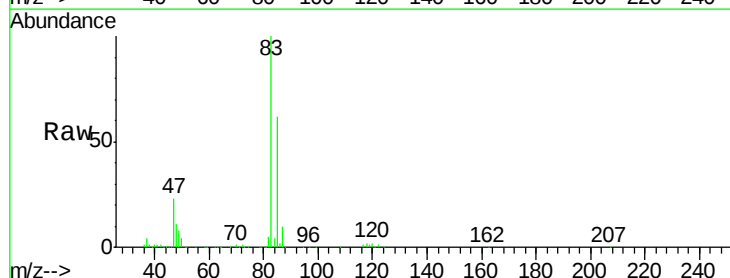
Manual Integrations
APPROVED

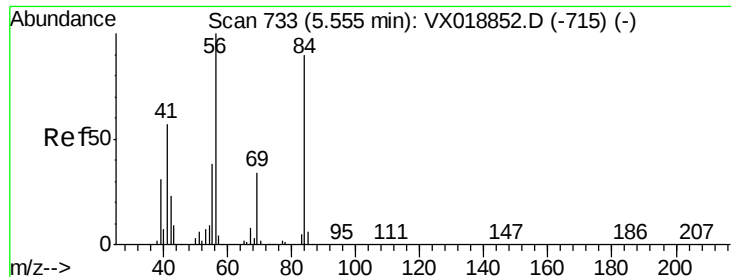
MMDadoda
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#30
Chloroform
Concen: 51.396 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion:	83	Resp:	202643
Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.8	77.8





#31

Cyclohexane

Concen: 53.653 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

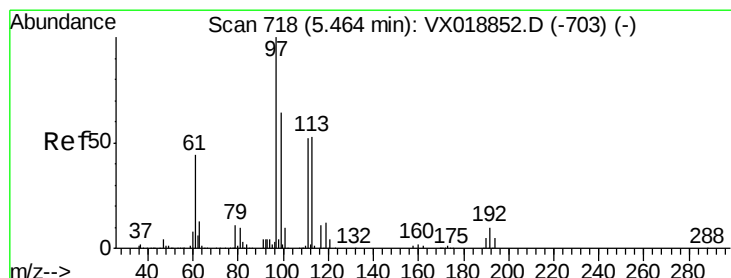
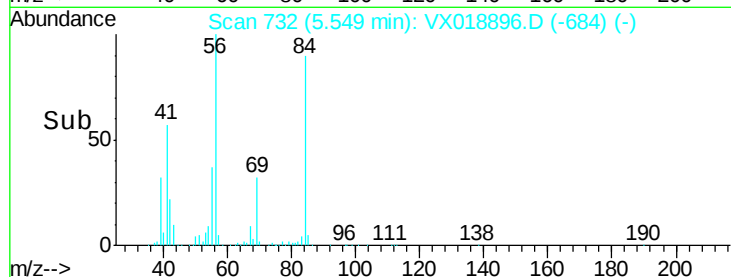
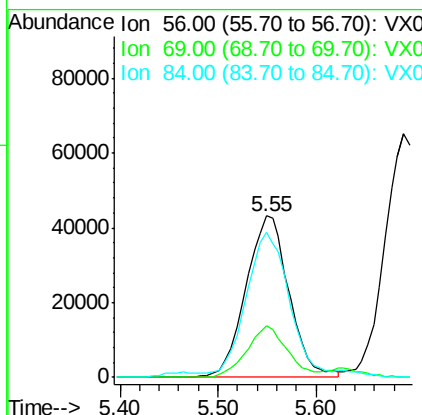
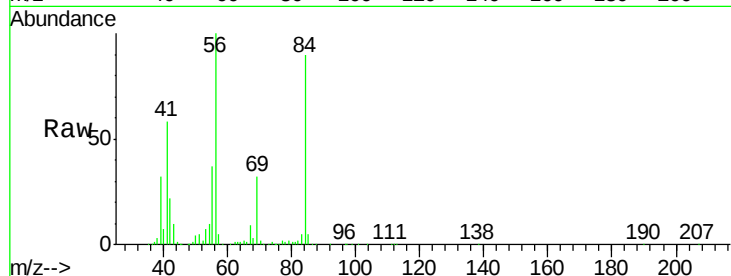
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	131276
Ion	Ratio	Lower	Upper
56	100		
69	31.9	27.1	40.7
84	87.3	71.7	107.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.390 ug/l

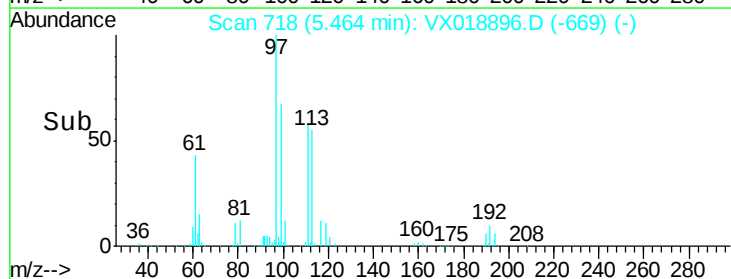
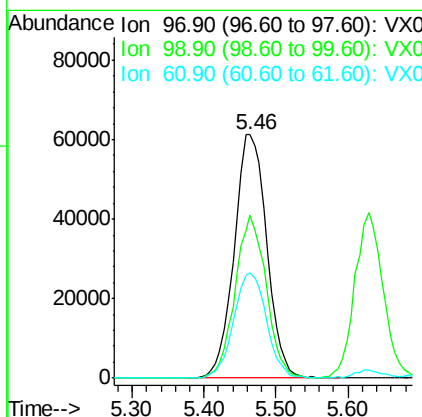
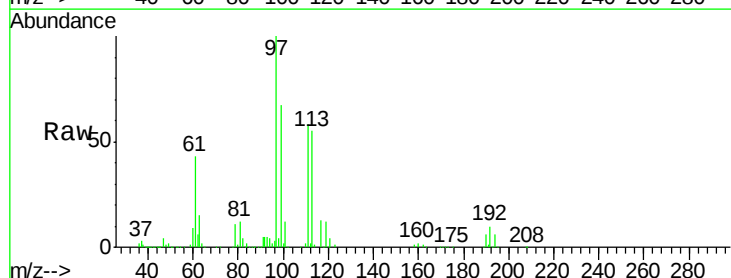
RT: 5.46 min Scan# 718

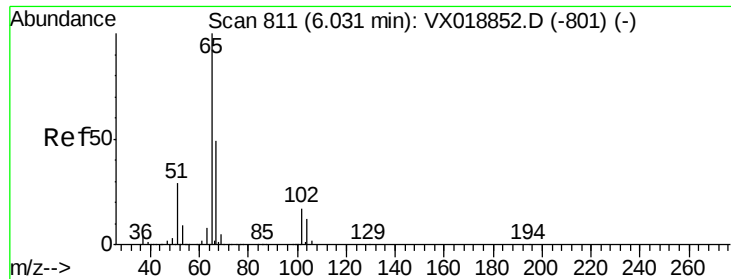
Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion:	97	Resp:	192553
Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.1	78.1
61	43.7	35.3	52.9





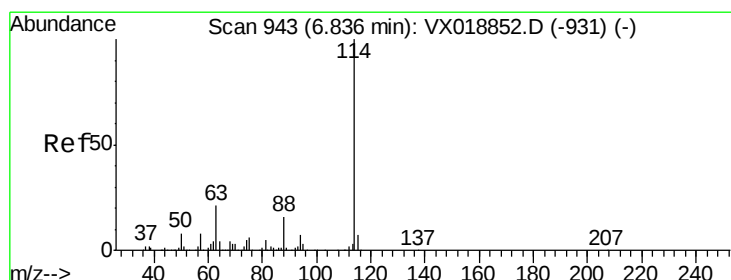
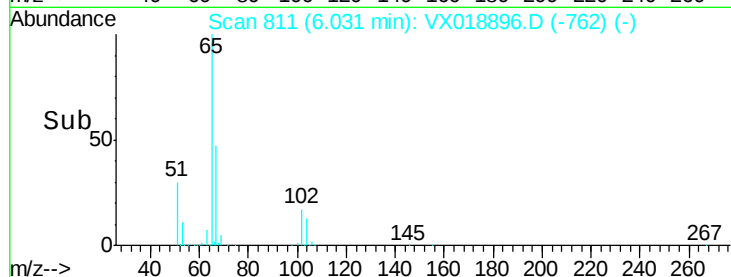
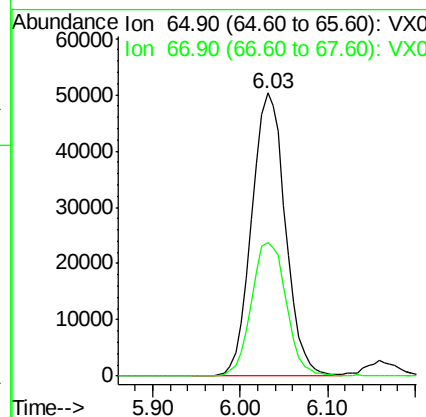
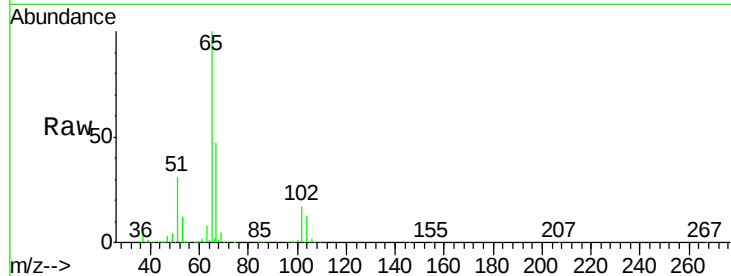
#33
 1,2-Dichloroethane-d4
 Concen: 51.524 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	134974		
67	49.2	0.0	97.0	

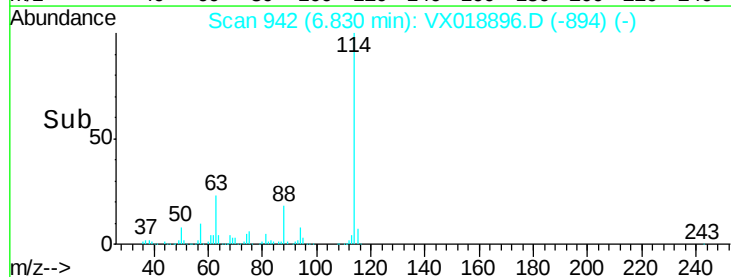
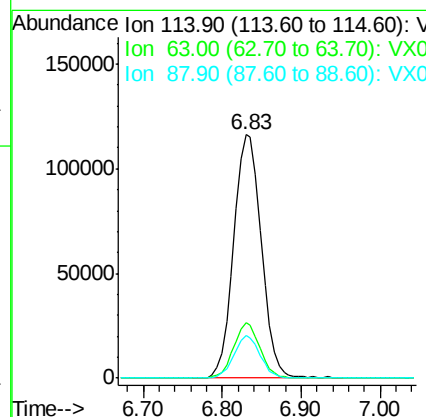
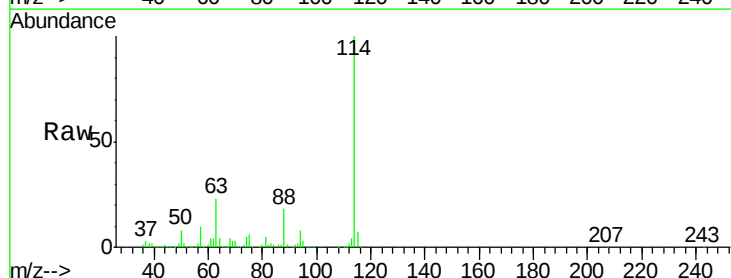
Manual Integrations
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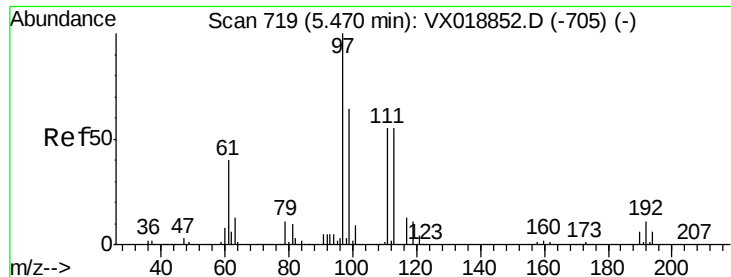
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	284271		
63	22.9	0.0	42.4	
88	17.6	0.0	32.6	





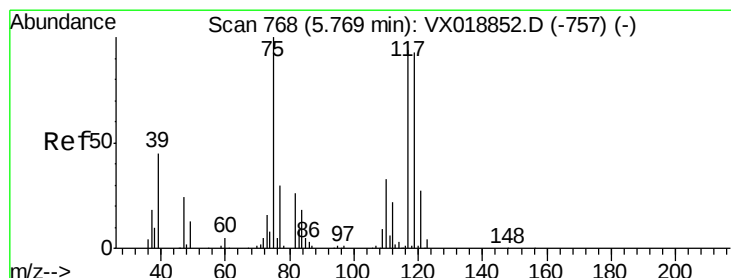
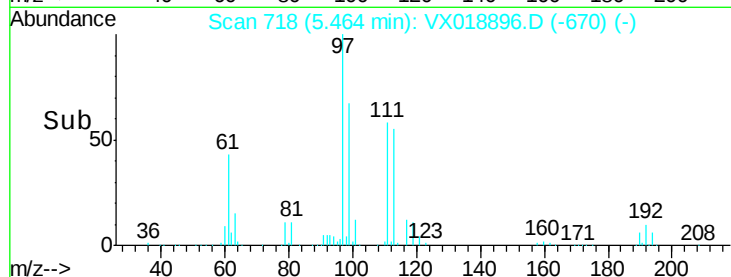
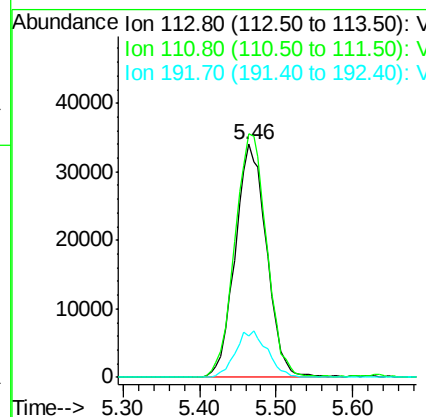
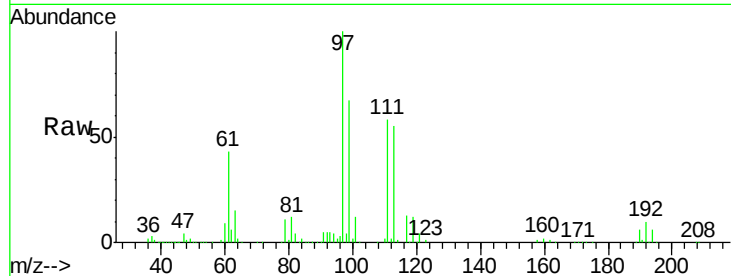
#35
Dibromofluoromethane
Concen: 47.663 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	96560		
111	105.9	80.1	120.1	
192	20.3	16.0	24.0	

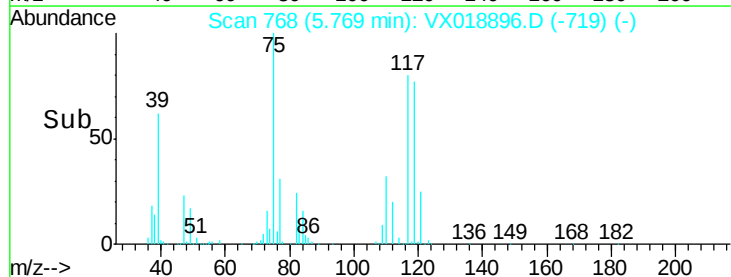
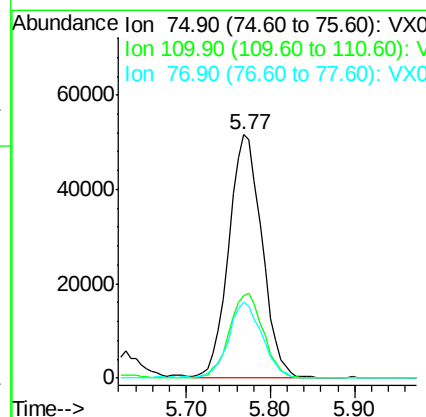
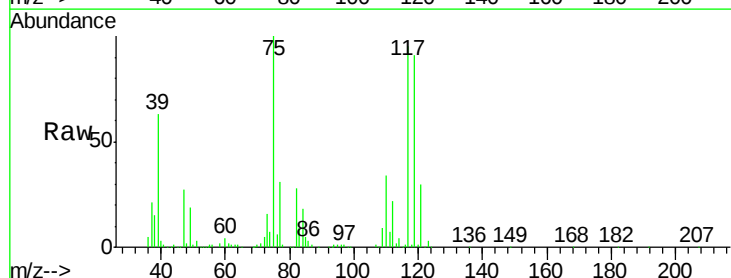
Manual Integrations
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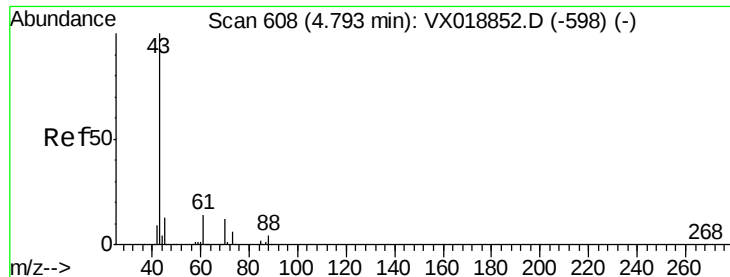
MMDadoda
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#36
1,1-Dichloropropene
Concen: 46.141 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	137909		
110	35.6	17.8	53.5	
77	32.0	24.2	36.4	





#37

Ethyl Acetate

Concen: 50.602 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

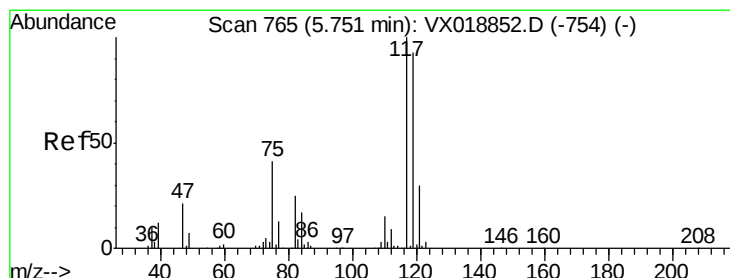
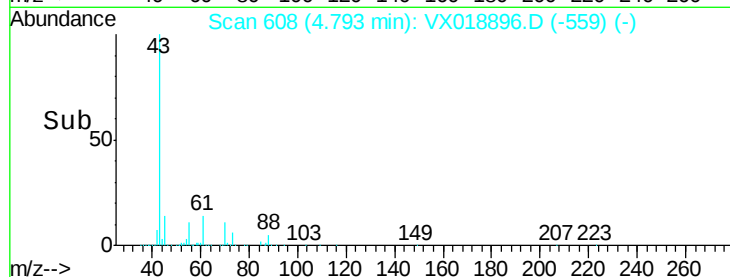
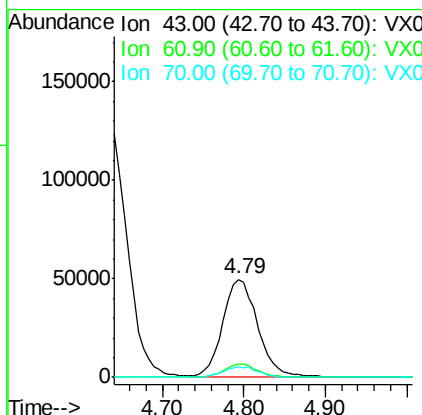
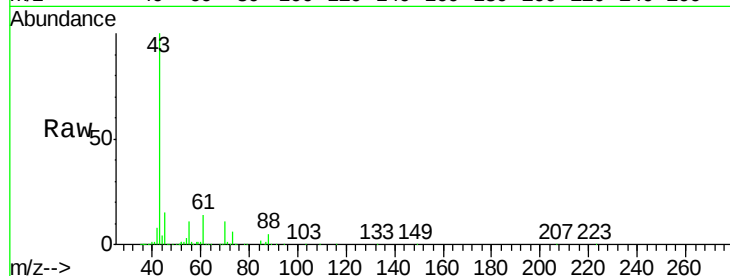
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	146050
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	10.8	8.6	13.0

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.255 ug/l

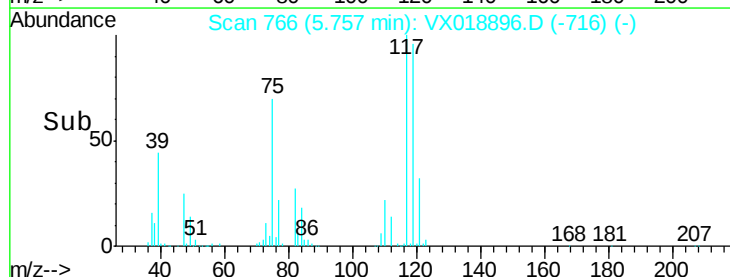
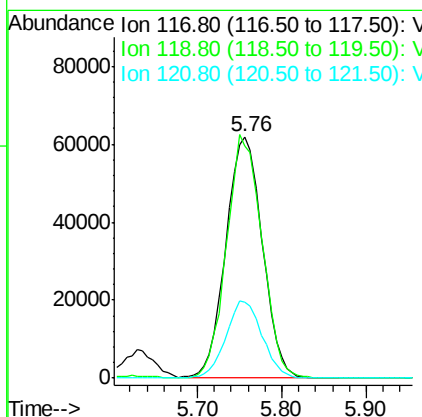
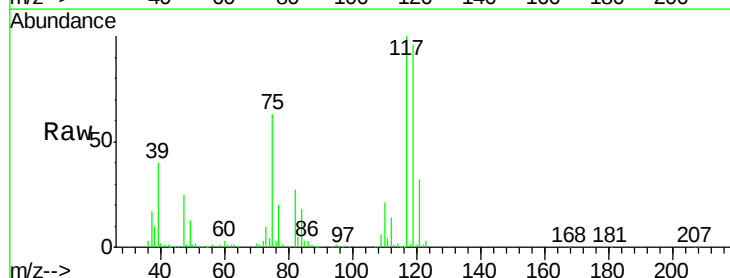
RT: 5.76 min Scan# 766

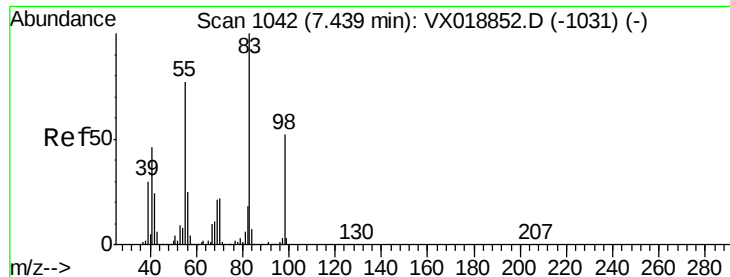
Delta R.T. 0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion:	117	Resp:	182467
Ion	Ratio	Lower	Upper
117	100		
119	96.2	73.9	110.9
121	31.7	23.6	35.4





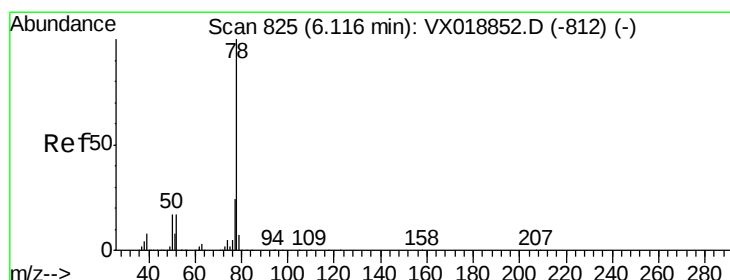
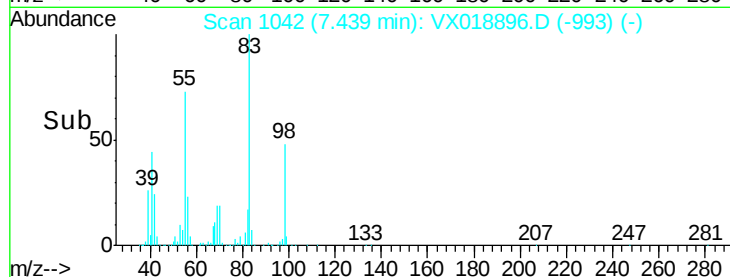
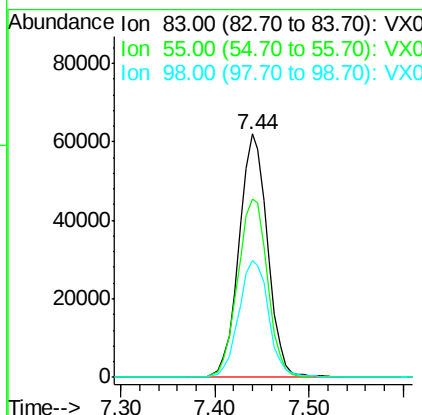
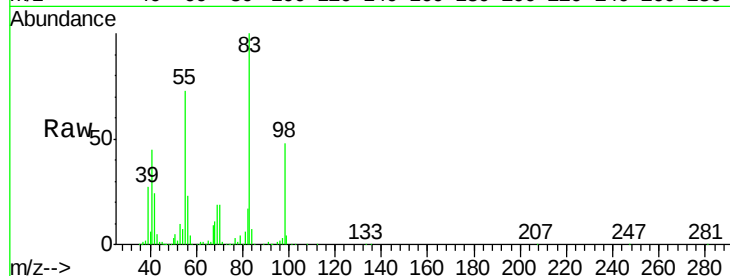
#39
Methvlcvclohexane
Concen: 47.721 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.0	61.8	92.6
98	48.1	41.4	62.0

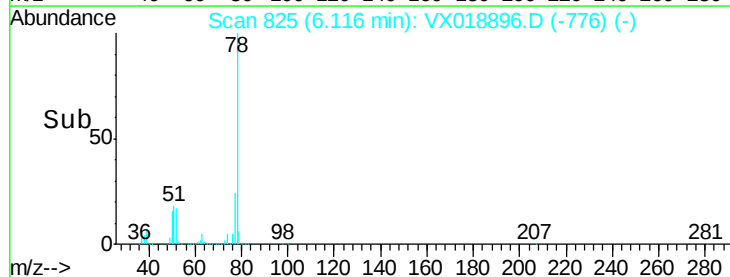
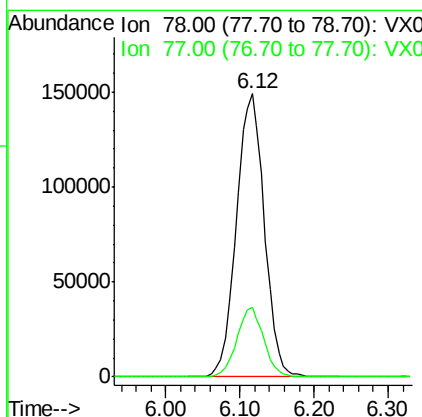
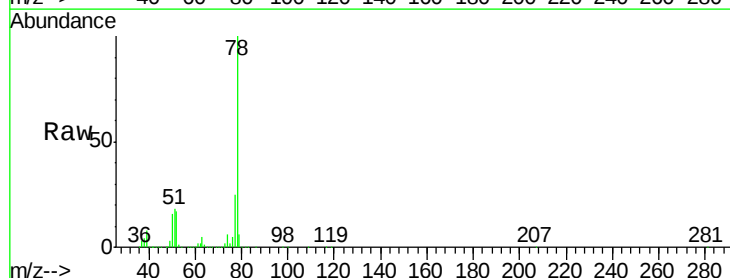
Manual Integrations
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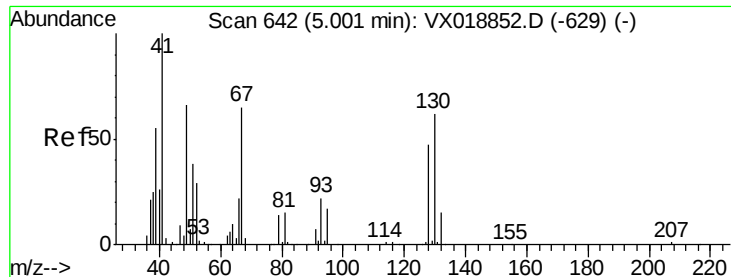
MMDadoda
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#40
Benzene
Concen: 48.853 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.1	28.7





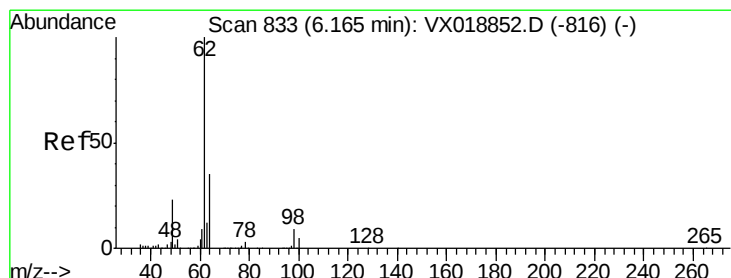
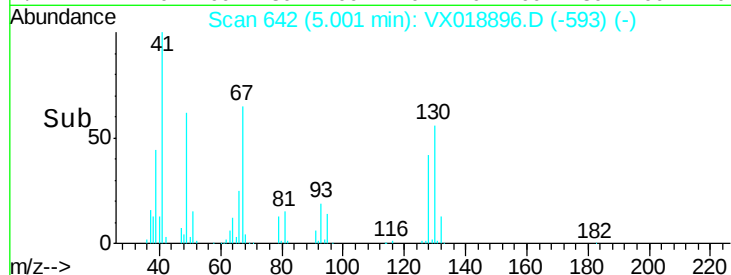
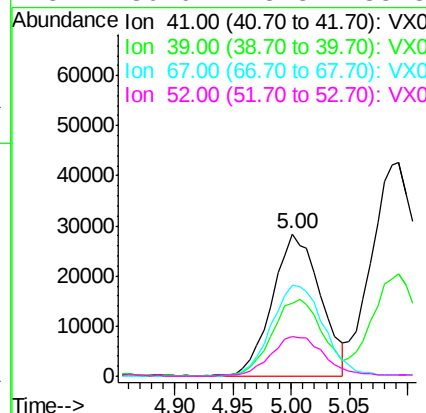
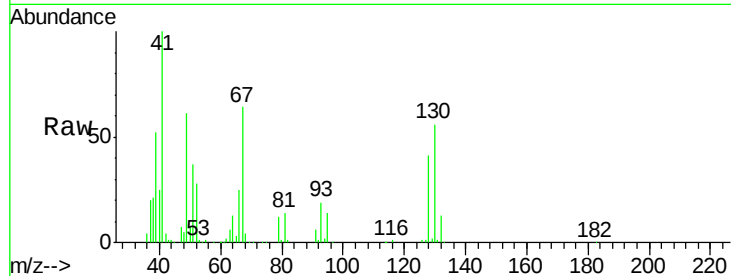
#41
Methacrylonitrile
Concen: 48.742 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	45.4	68.2	
67	70.1	55.4	83.2	
52	30.9	23.8	35.8	

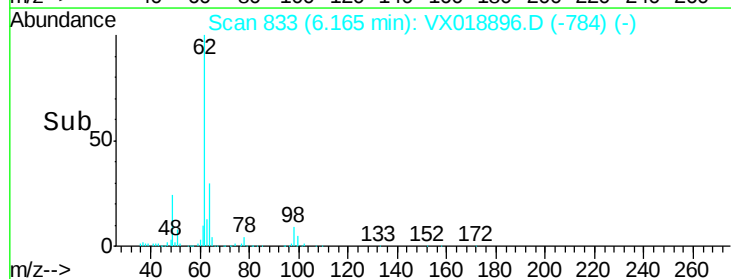
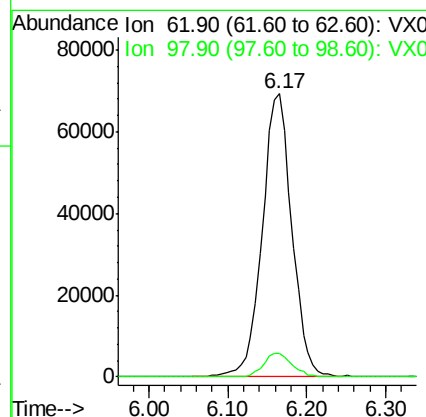
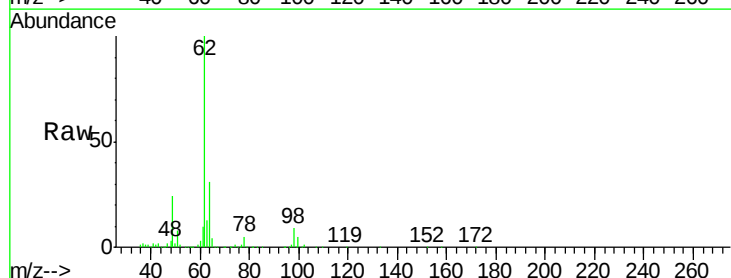
Manual Integrations
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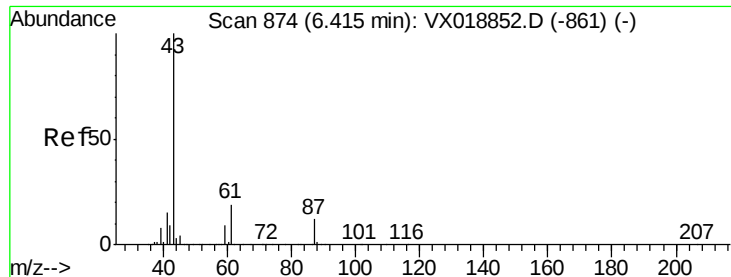
MMDadoda
10/12/2020 2:23:43 PM



#42
1,2-Dichloroethane
Concen: 48.081 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.4	





#43

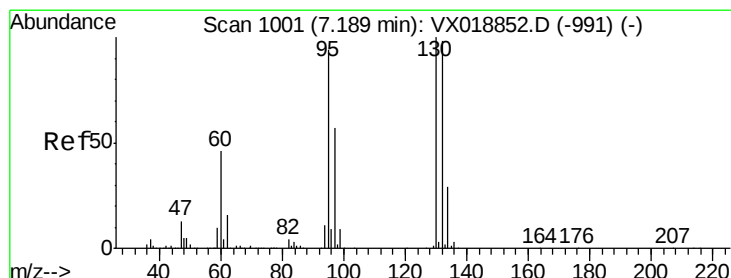
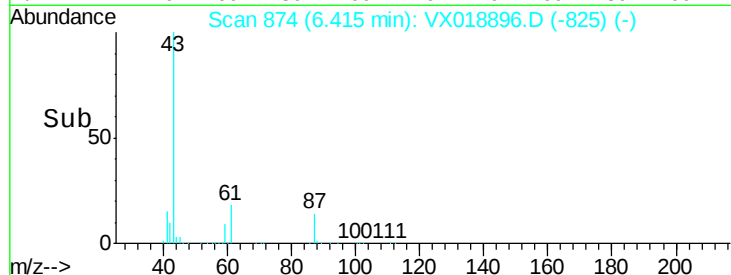
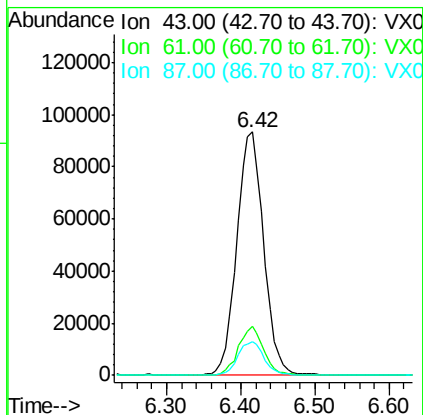
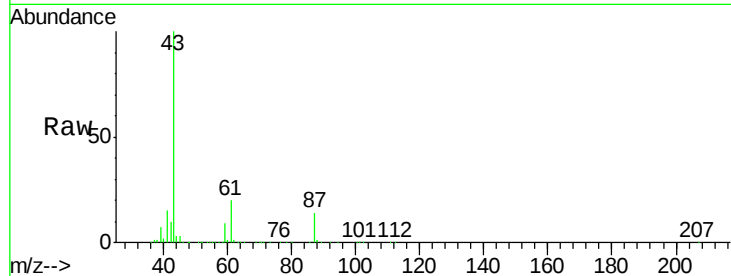
Isopropyl Acetate
 Concen: 49.081 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.5	23.3
87	13.6	10.8	16.2

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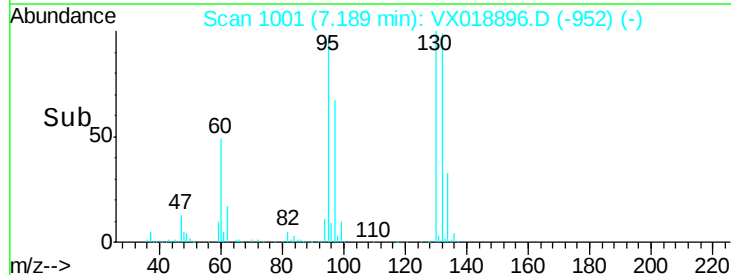
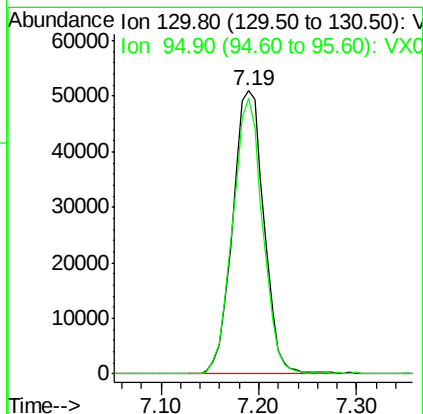
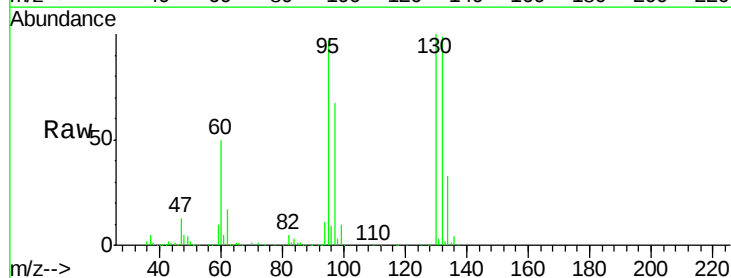
MMDadoda
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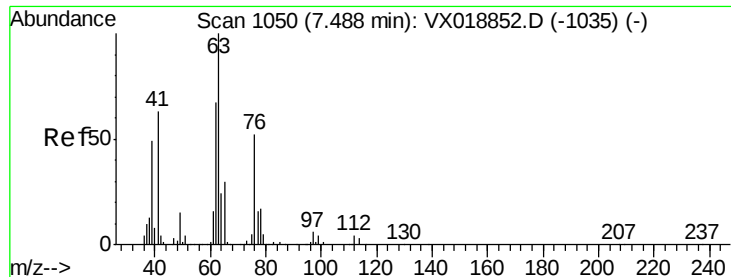


#44

Trichloroethene
 Concen: 46.994 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	188.4





#45

1,2-Dichloropropane

Concen: 48.965 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 104035

Ion Ratio Lower Upper

63 100

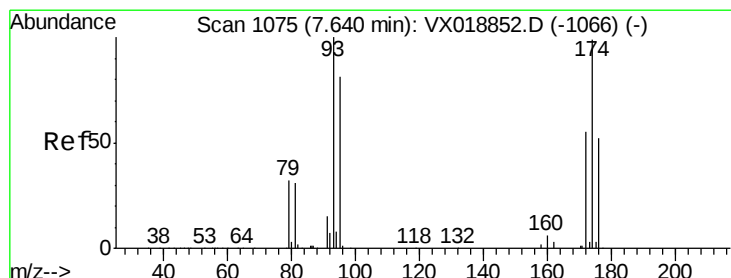
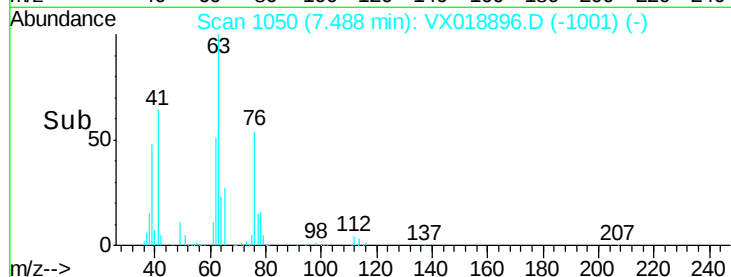
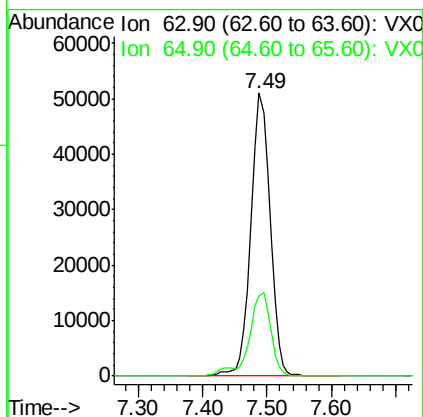
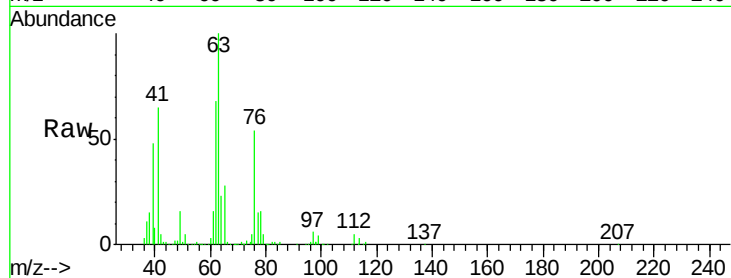
65 28.0 24.2 36.4

Manual Integrations

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#46

Dibromomethane

Concen: 48.212 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

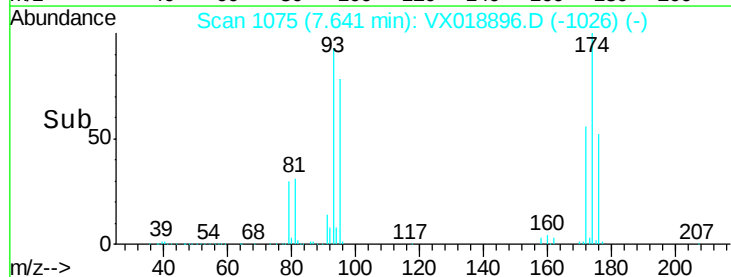
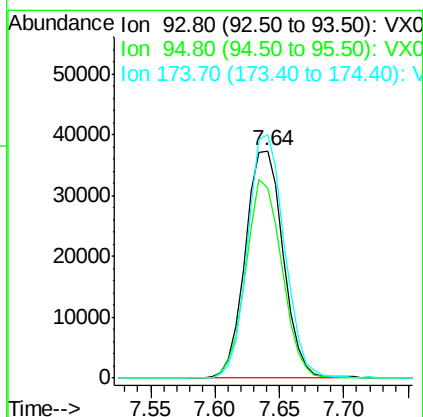
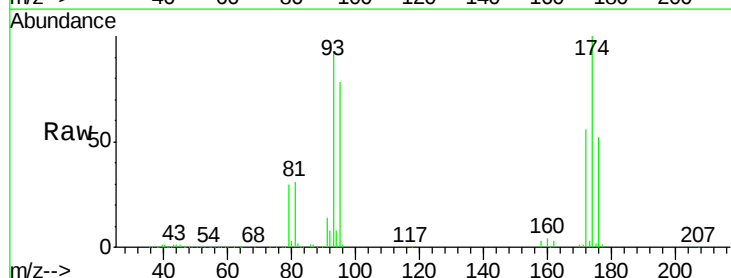
Tgt Ion: 93 Resp: 75700

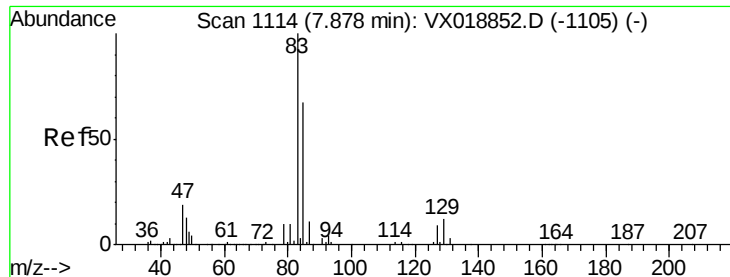
Ion Ratio Lower Upper

93 100

95 83.8 66.1 99.1

174 104.7 84.6 127.0





#47

Bromodichloromethane

Concen: 48.981 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

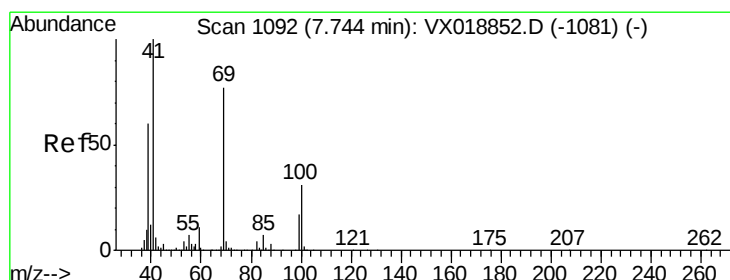
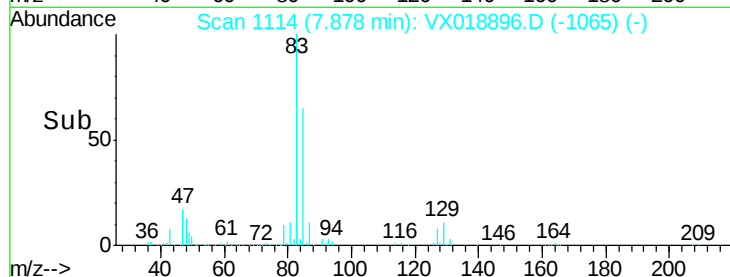
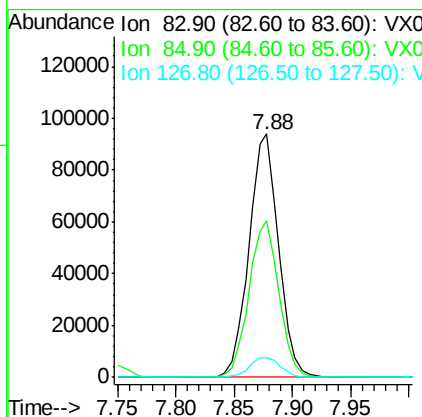
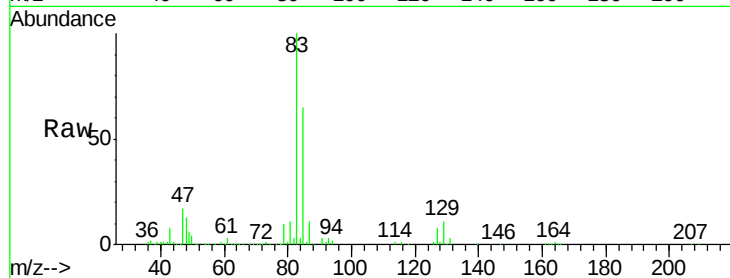
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	166658
Ion Ratio	Lower	Upper	
83	100		
85	64.5	53.8	80.6
127	8.3	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.043 ug/l

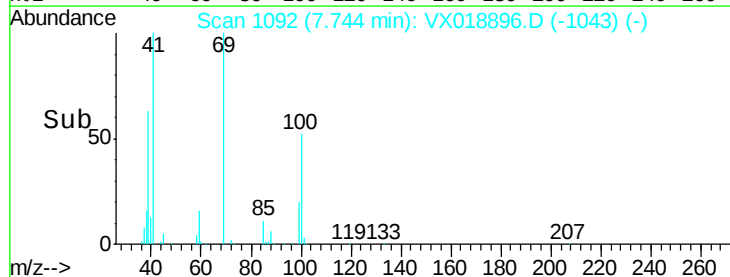
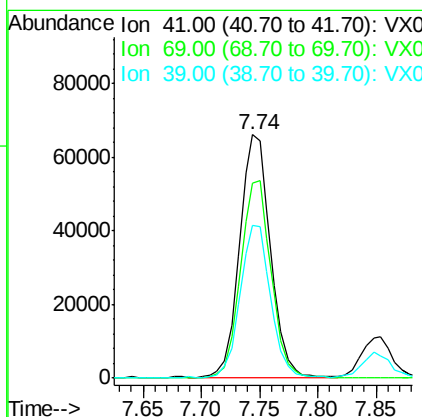
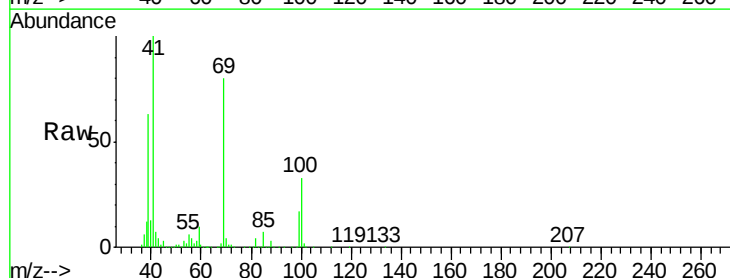
RT: 7.74 min Scan# 1092

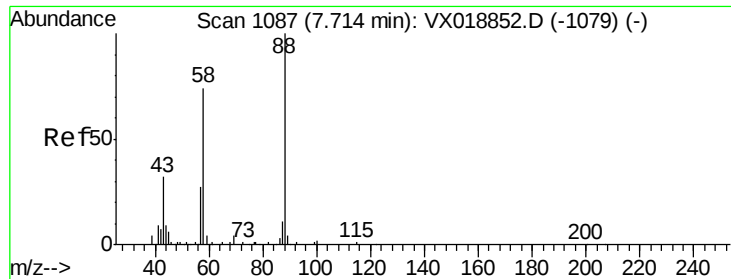
Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion:	41	Resp:	121800
Ion Ratio	Lower	Upper	
41	100		
69	81.2	64.6	97.0
39	62.6	48.6	73.0





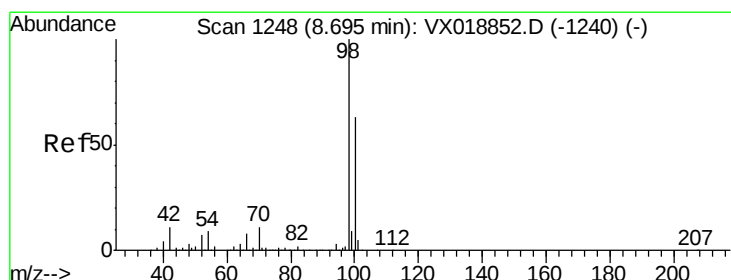
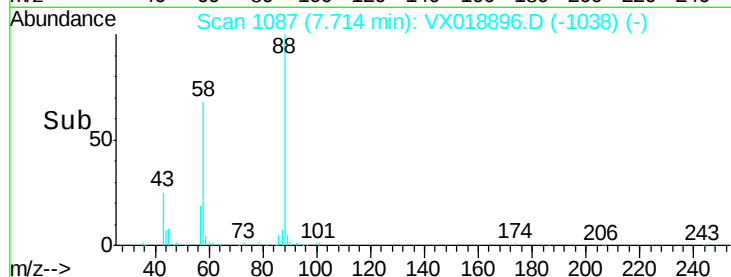
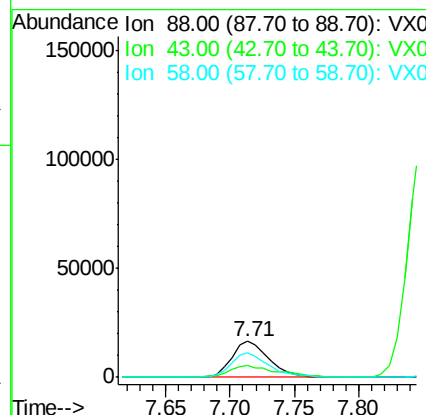
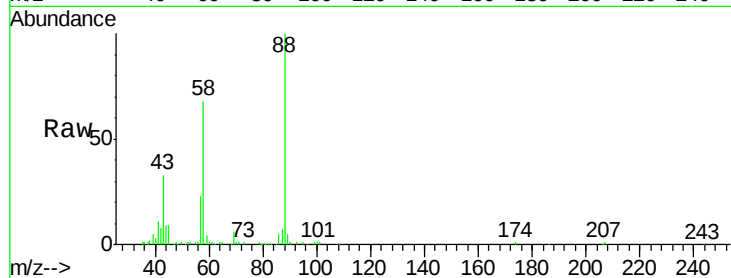
#49
1,4-Dioxane
Concen: 976.040 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.9	31.0	46.6
58	70.8	59.3	88.9

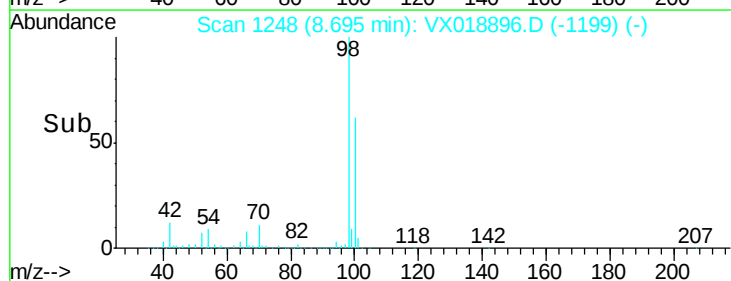
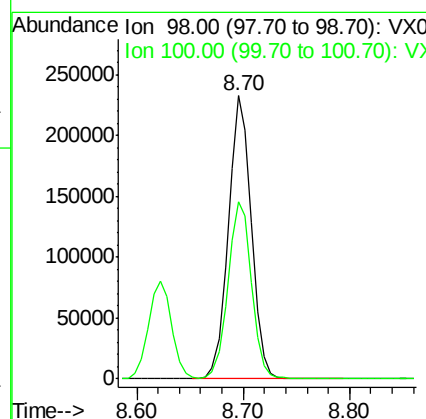
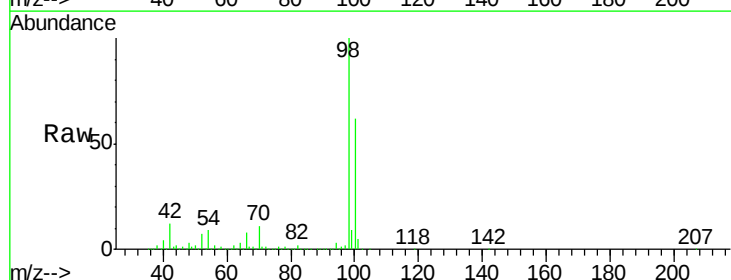
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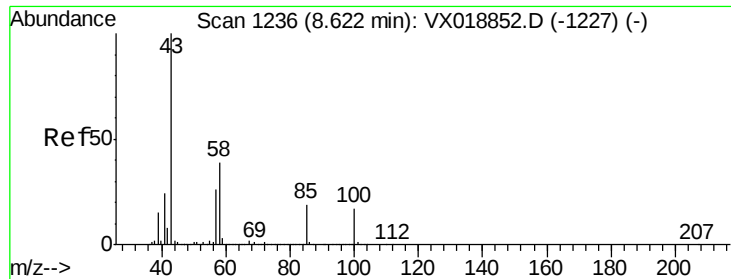
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#50
Toluene-d8
Concen: 49.848 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.1	79.7





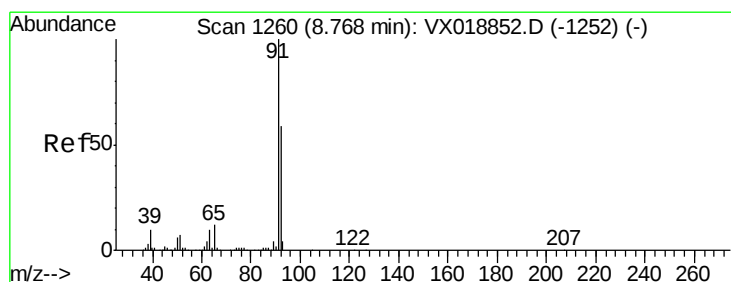
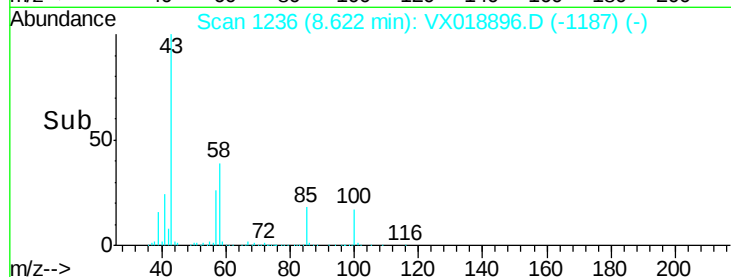
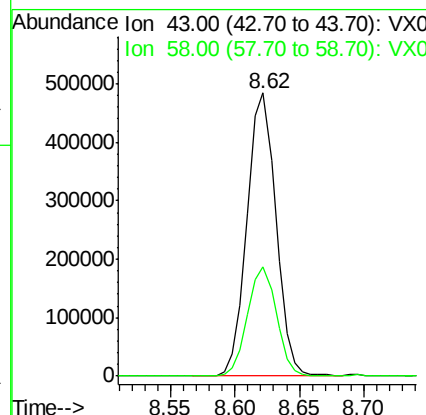
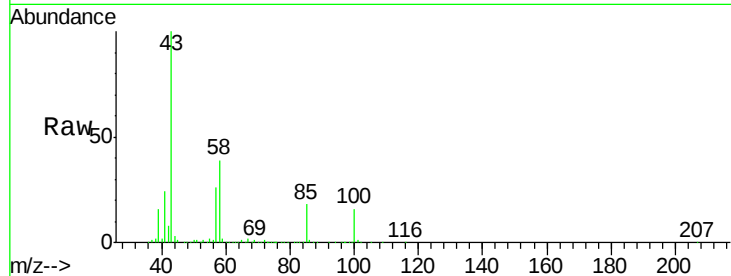
#51
4-Methyl-2-Pentanone
Concen: 268.436 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.9	46.3

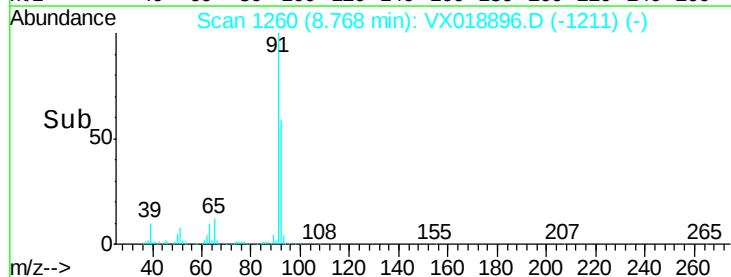
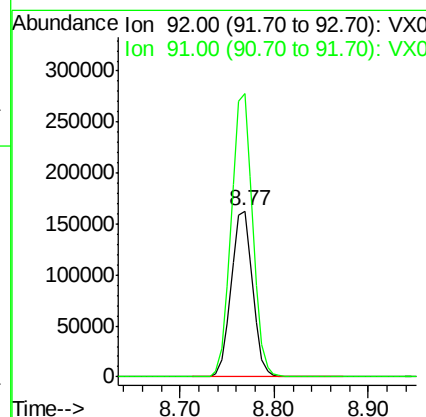
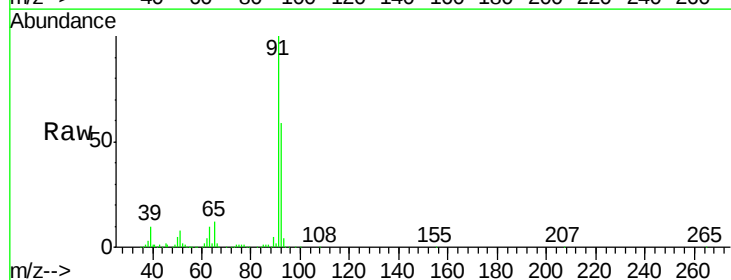
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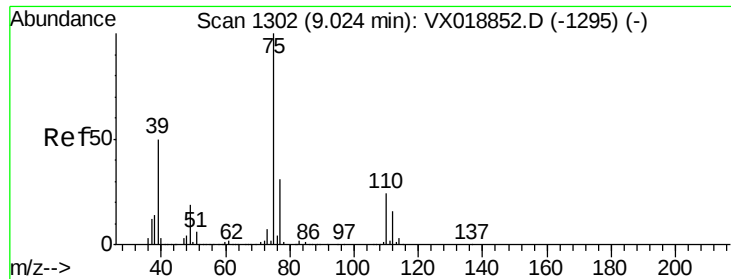
MMDadoda
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#52
Toluene
Concen: 49.988 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.0	138.2	207.4





#53

t-1,3-Dichloropropene

Concen: 47.404 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 167012

Ion Ratio Lower Upper

75 100

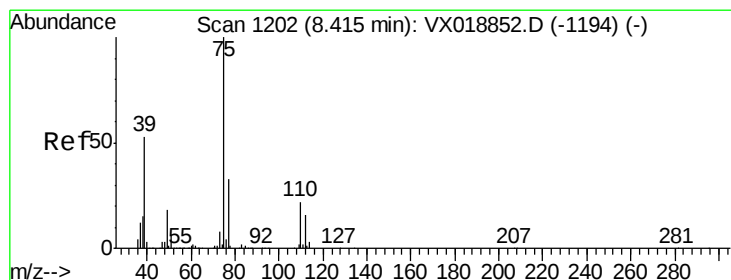
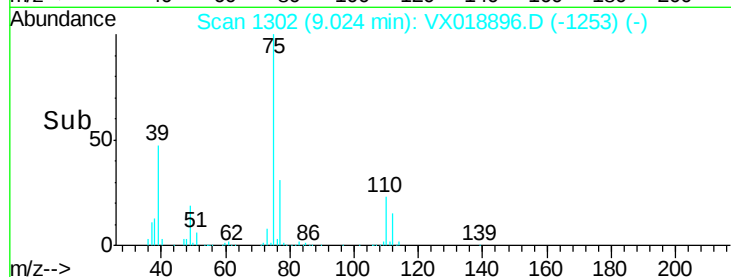
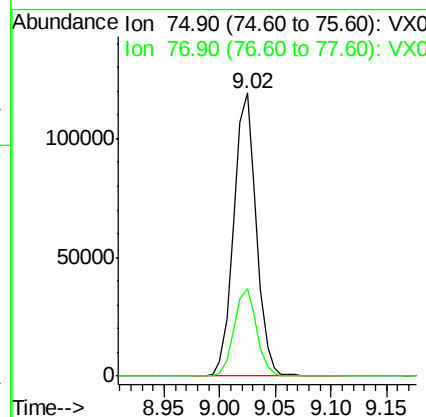
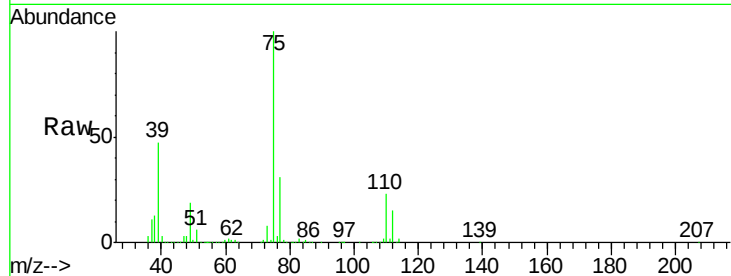
77 31.1 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 46.637 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

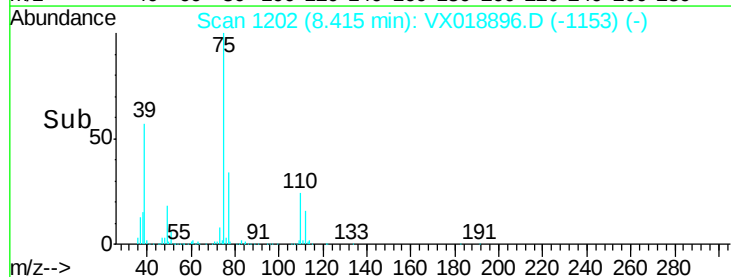
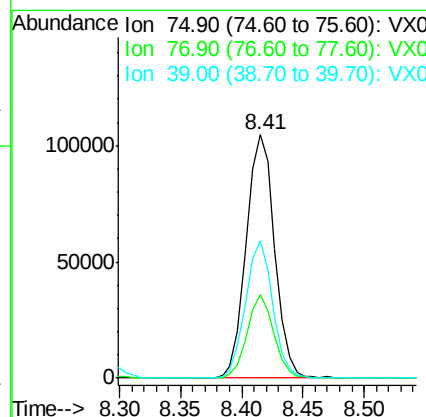
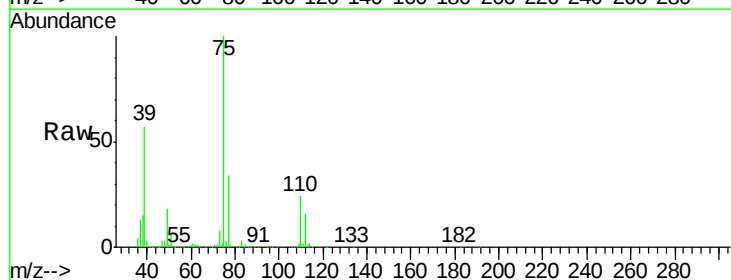
Tgt Ion: 75 Resp: 169026

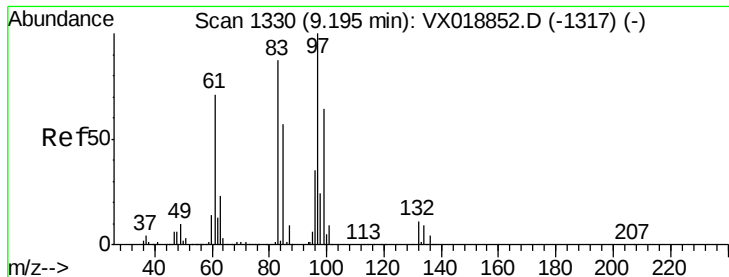
Ion Ratio Lower Upper

75 100

77 34.3 26.6 39.8

39 56.5 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 47.028 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

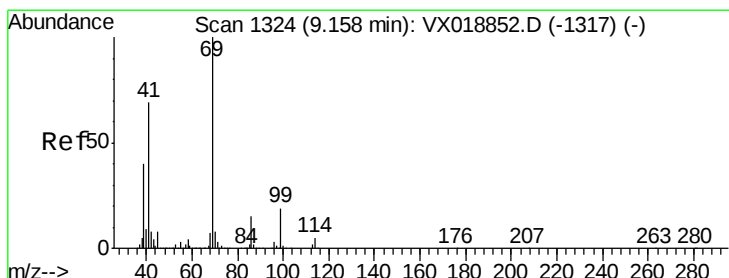
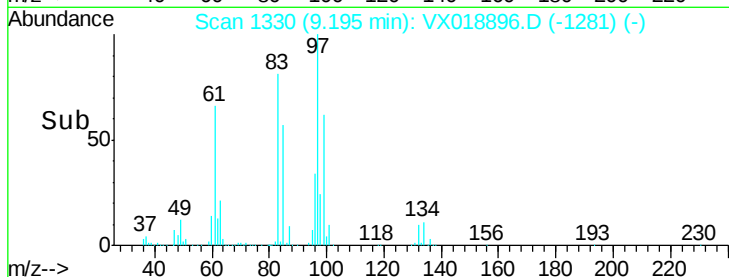
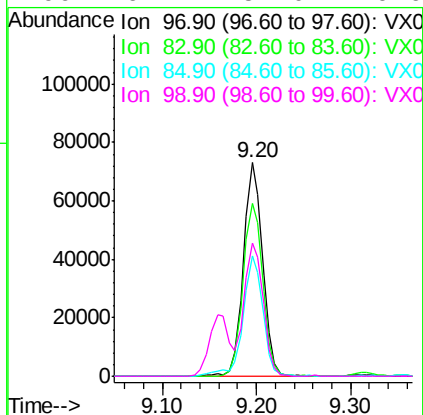
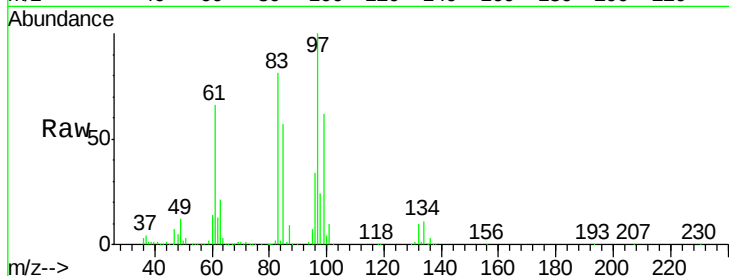
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	104095
Ion Ratio	Lower	Upper	
97	100		
83	81.1	69.3	103.9
85	56.5	45.3	67.9
99	62.2	51.0	76.6

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#56

Ethyl methacrylate

Concen: 47.705 ug/l

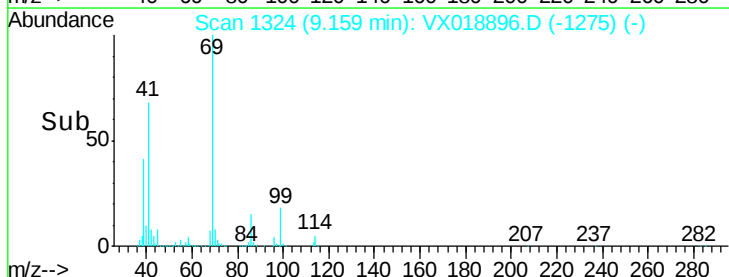
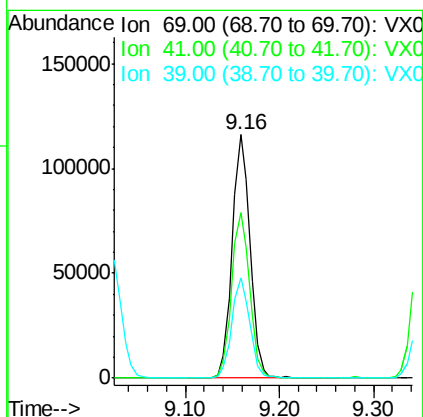
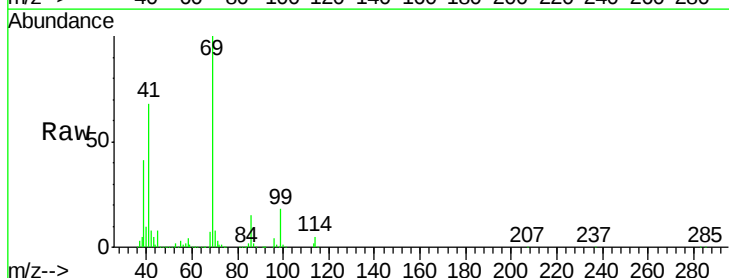
RT: 9.16 min Scan# 1324

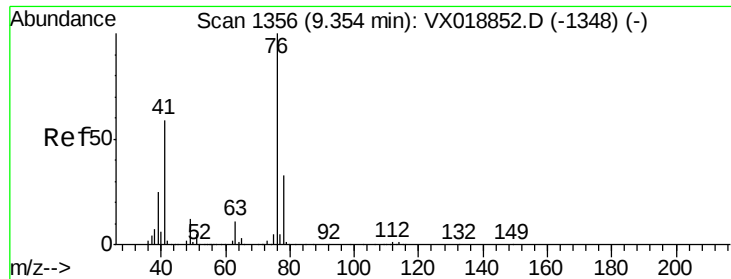
Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion:	69	Resp:	153680
Ion Ratio	Lower	Upper	
69	100		
41	68.4	54.6	81.8
39	40.6	31.5	47.3





#57

1,3-Dichloropropane

Concen: 49.742 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 178650

Ion Ratio Lower Upper

76 100

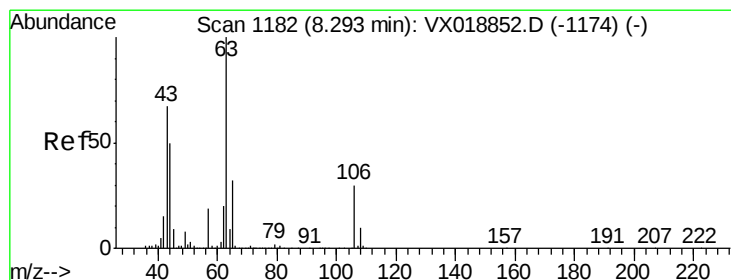
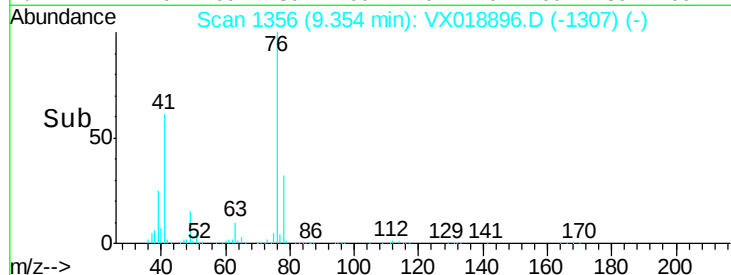
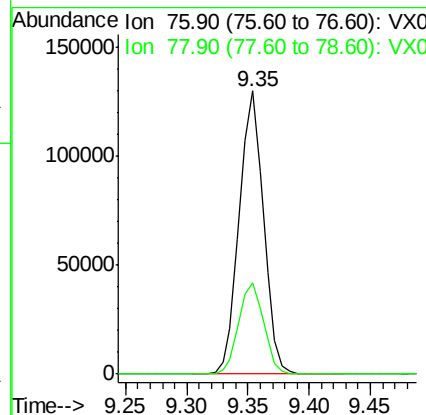
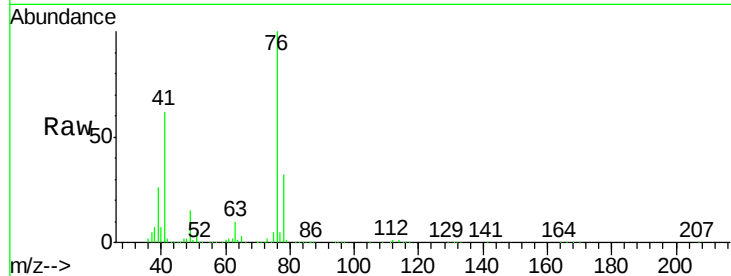
78 33.2 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 254.153 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018896.D

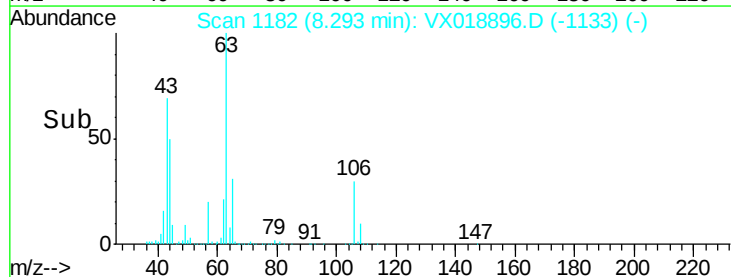
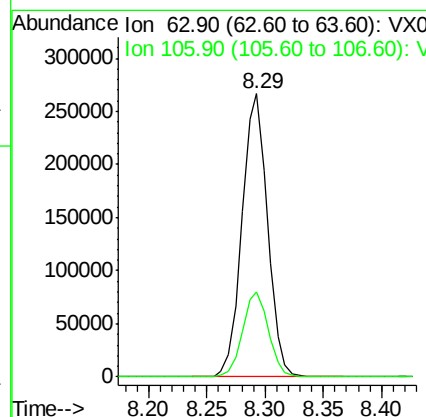
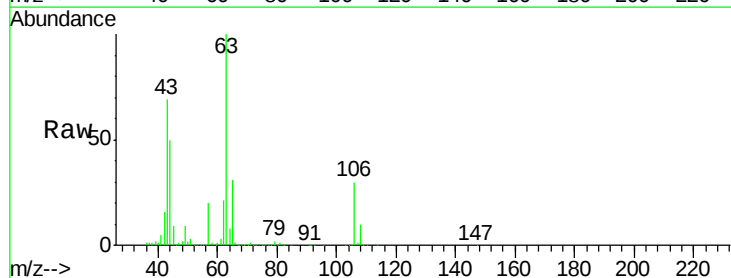
Acq: 10 Oct 2020 08:08

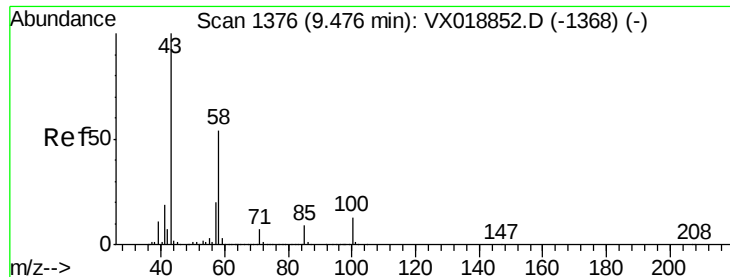
Tgt Ion: 63 Resp: 407014

Ion Ratio Lower Upper

63 100

106 30.4 24.2 36.4





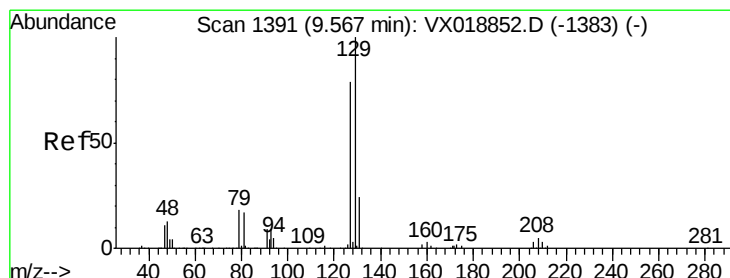
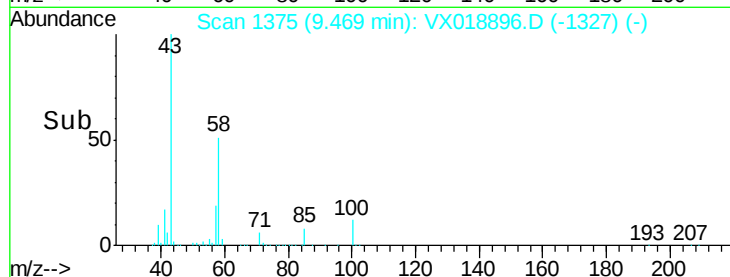
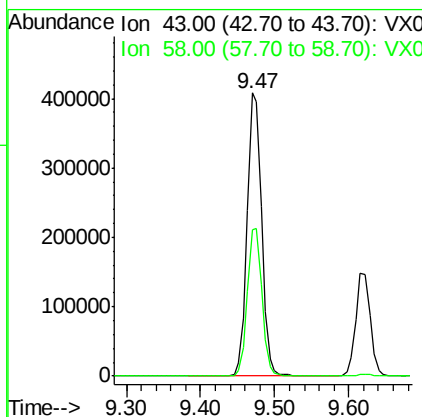
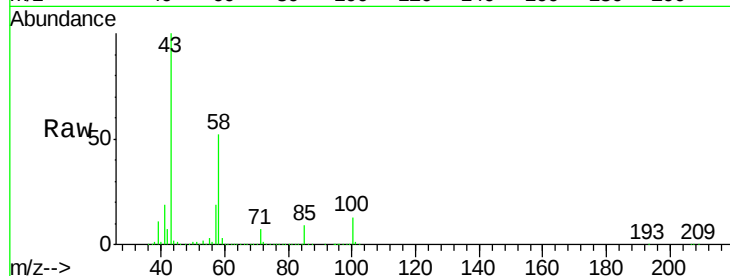
#59
2-Hexanone
Concen: 262.020 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 558891
Ion Ratio Lower Upper
43 100
58 52.6 26.7 80.1

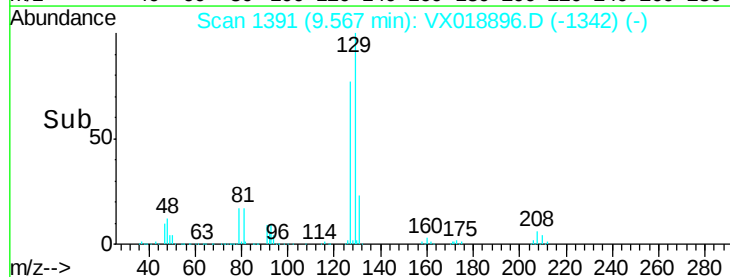
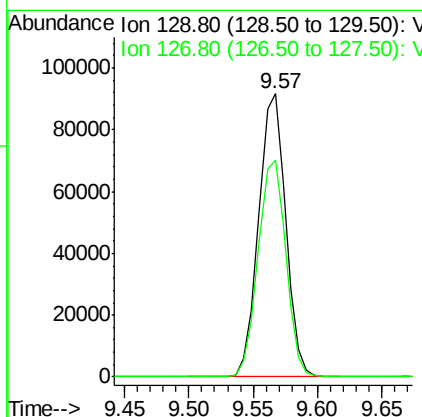
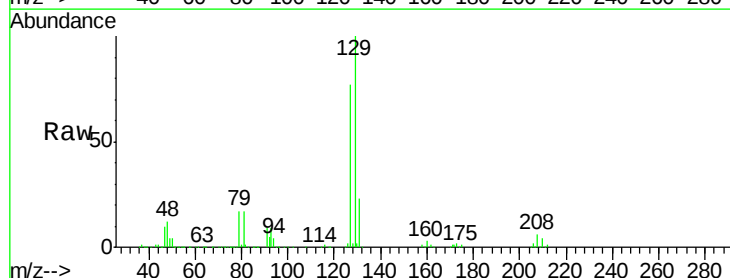
Manual Integrations
APPROVED

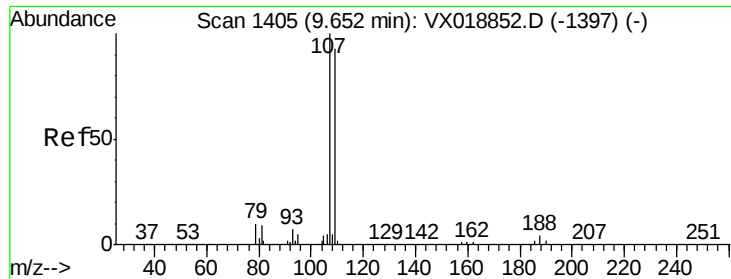
MMDadoda
10/12/2020 2:23:43 PM



#60
Dibromochloromethane
Concen: 47.880 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion: 129 Resp: 133037
Ion Ratio Lower Upper
129 100
127 78.8 39.5 118.5





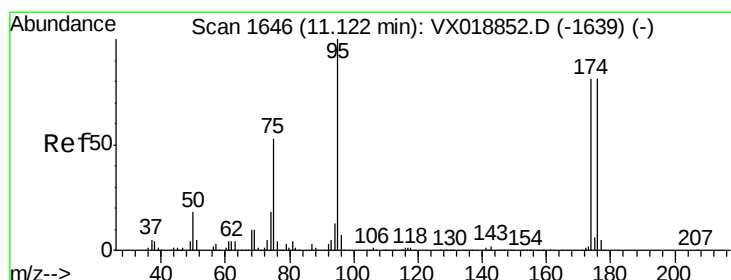
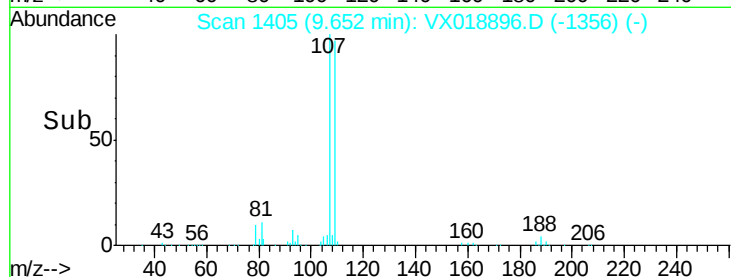
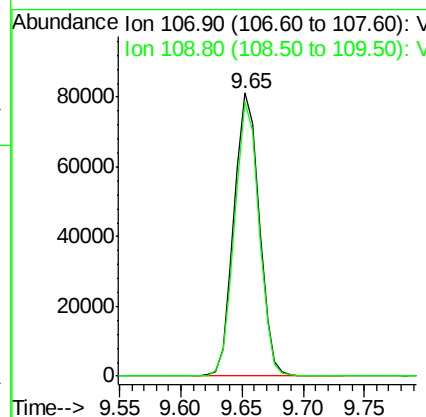
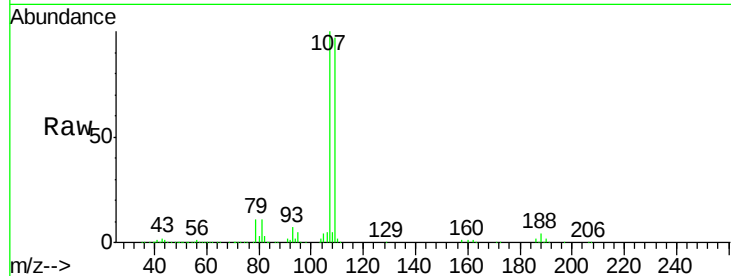
#61
 1,2-Dibromoethane
 Concen: 48.751 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.2	112.8

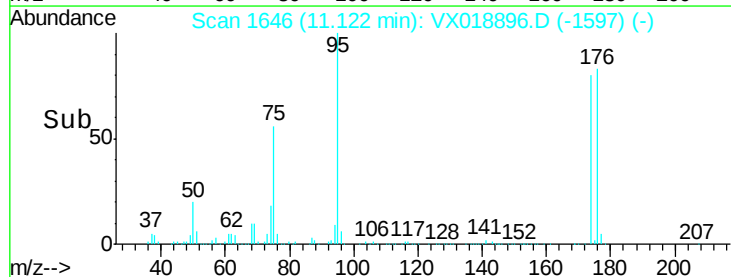
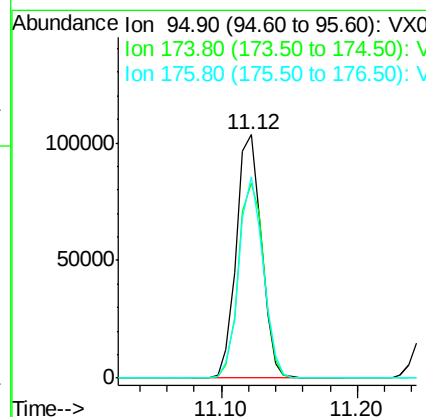
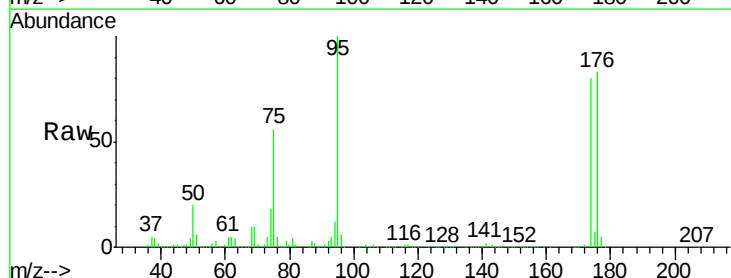
Manual Integrations
 APPROVED

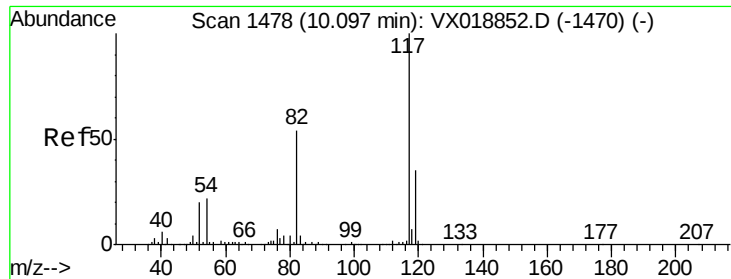
MMDadoda
 10/12/2020 2:23:43 PM



#62
 4-Bromofluorobenzene
 Concen: 47.655 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	160.0
176	79.8	0.0	161.2





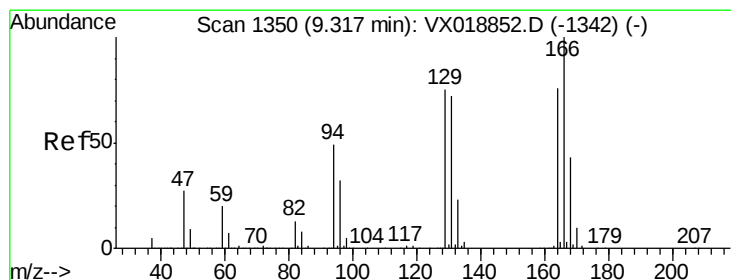
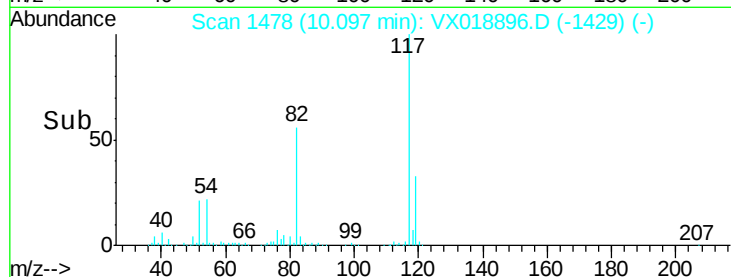
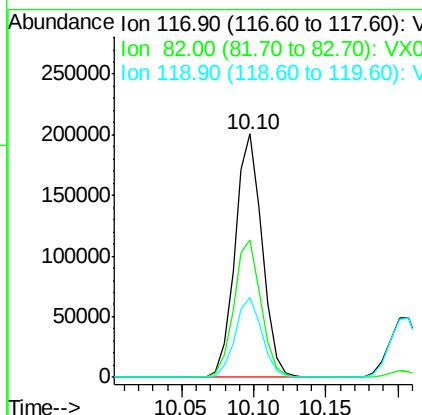
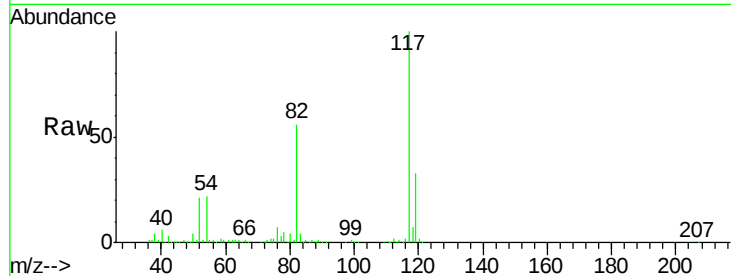
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.4	65.2
119	32.7	28.3	42.5

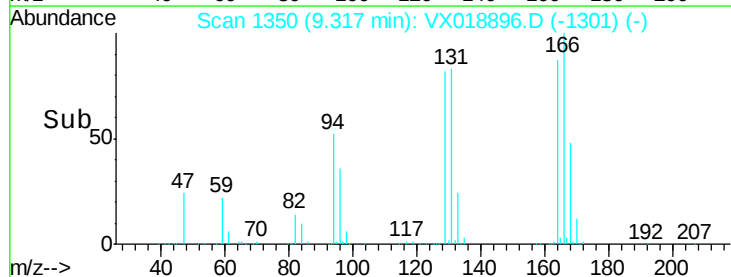
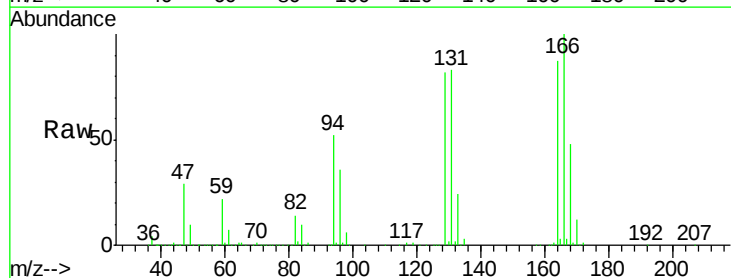
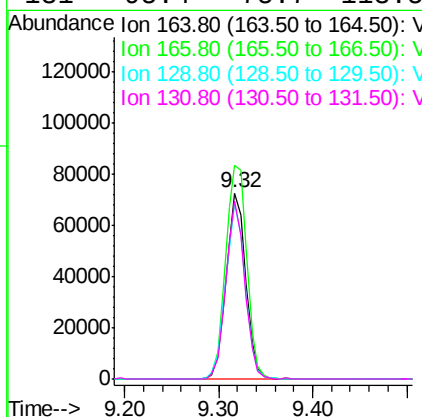
Manual Integrations
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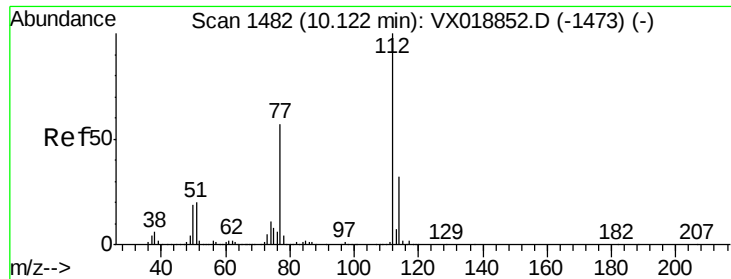
MMDadoda
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#64
Tetrachloroethene
Concen: 54.621 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	114.8	105.4	158.0
129	93.9	79.0	118.6
131	95.4	75.7	113.5





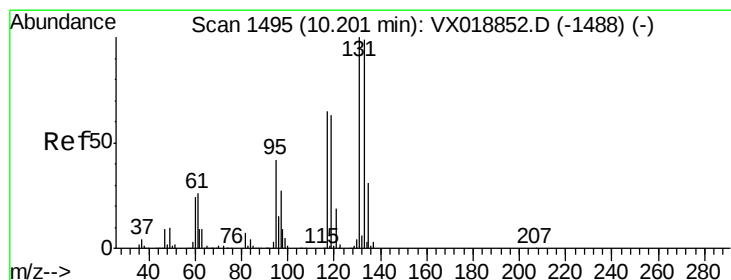
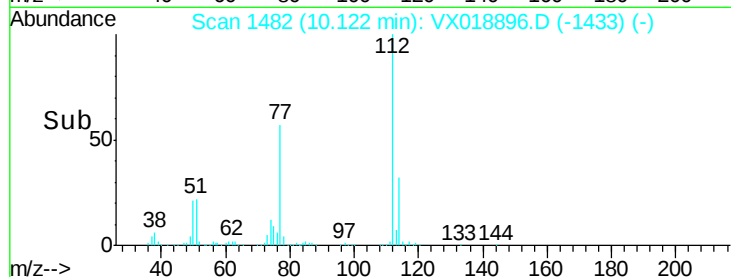
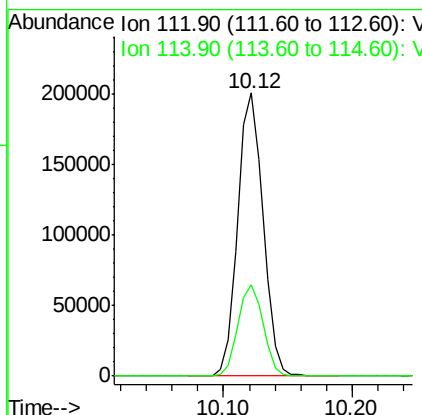
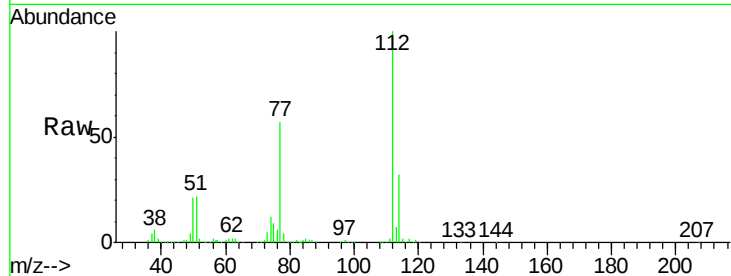
#65
Chlorobenzene
Concen: 48.456 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 274414
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

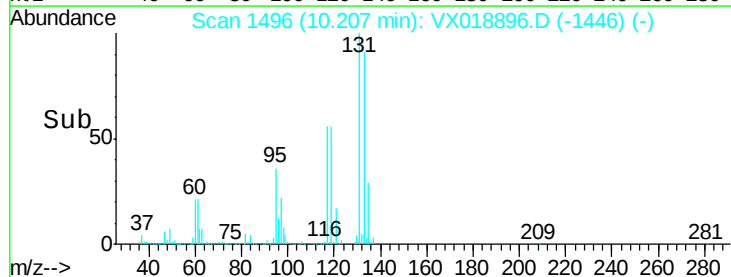
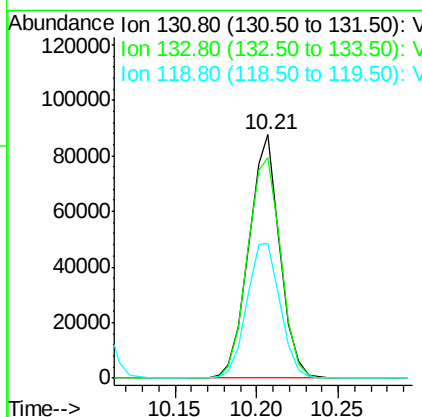
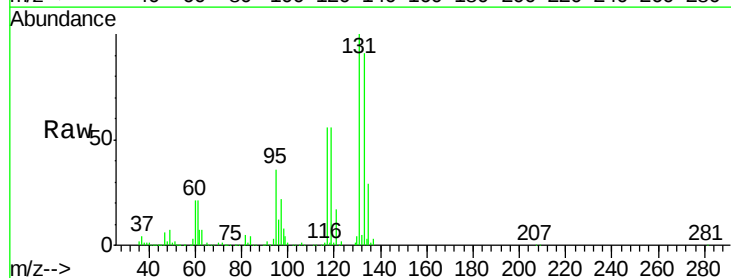
Manual Integrations
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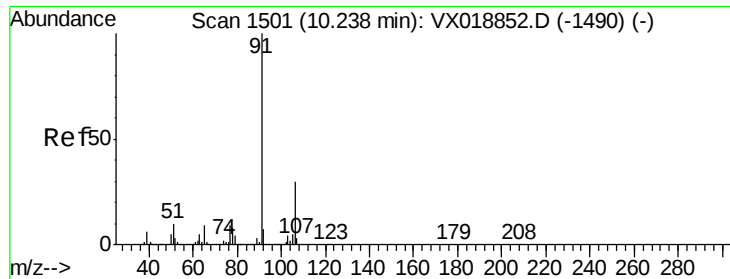
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.570 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion:131 Resp: 115810
Ion Ratio Lower Upper
131 100
133 96.9 48.6 145.8
119 59.8 31.1 93.3





#67

Ethyl Benzene

Concen: 50.448 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 481957

Ion Ratio Lower Upper

91 100

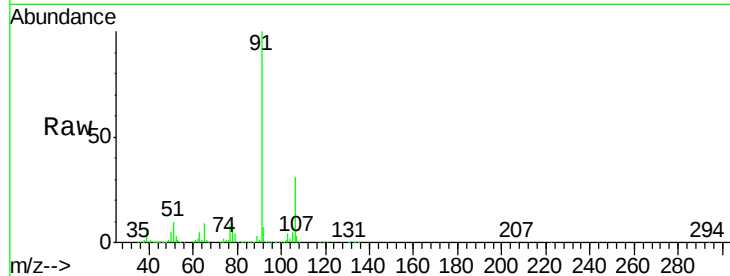
106 30.6 24.0 36.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1490) (-)

Ion 106.00 (105.70 to 106.70): VX018896.D (-1452) (-)

600000

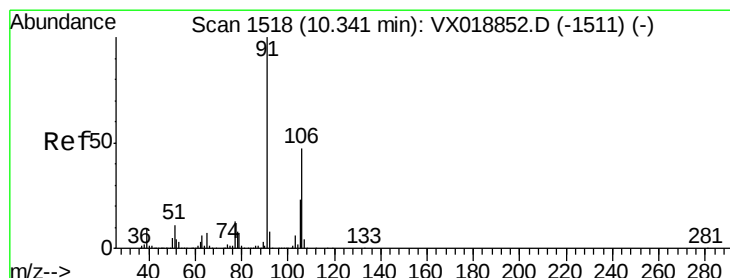
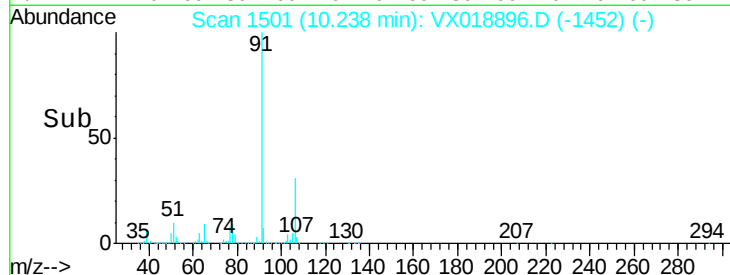
400000

200000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 101.636 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018896.D

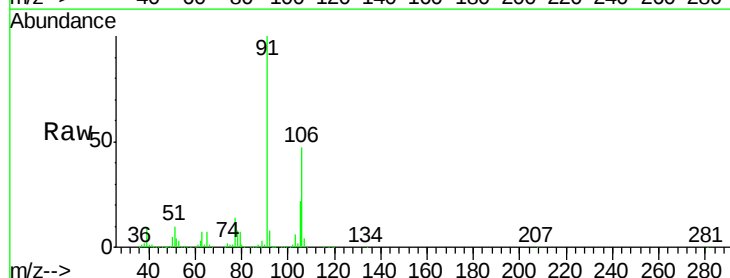
Acq: 10 Oct 2020 08:08

Tgt Ion: 106 Resp: 368903

Ion Ratio Lower Upper

106 100

91 207.7 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): VX018852.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX018896.D (-1469) (-)

600000

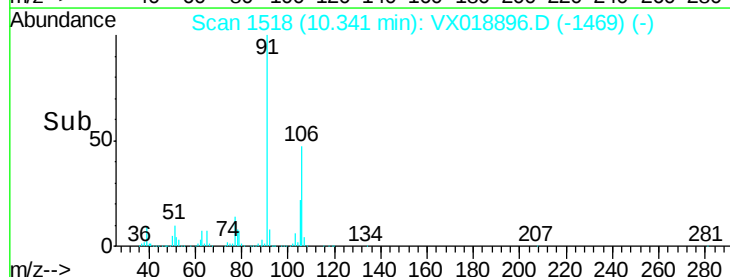
400000

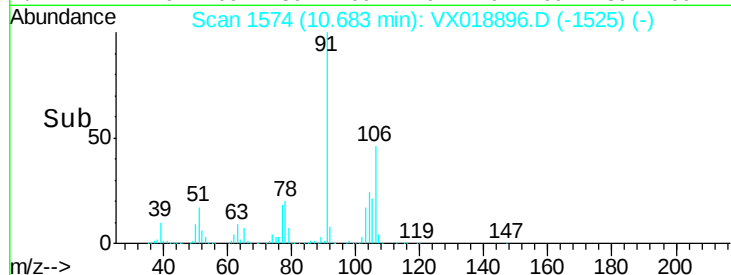
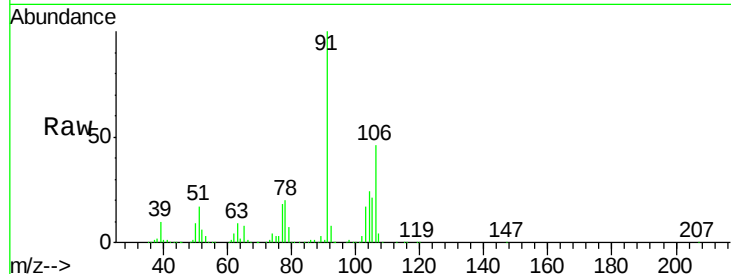
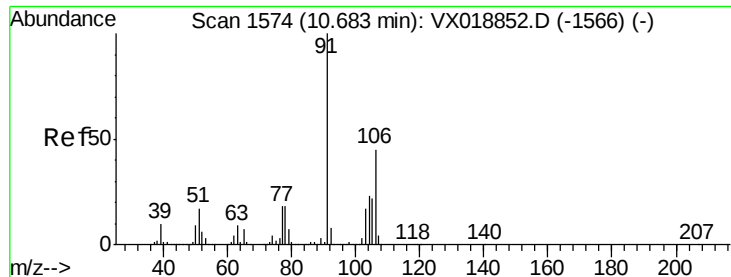
200000

0

10.30 10.40

Time-->





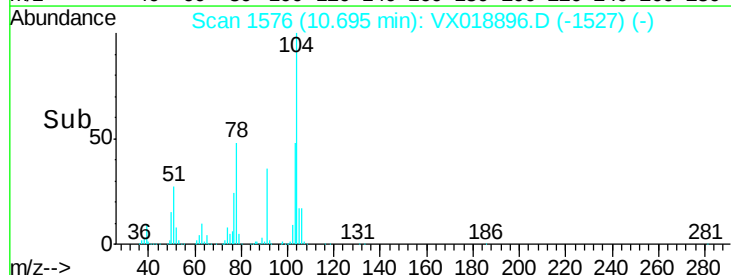
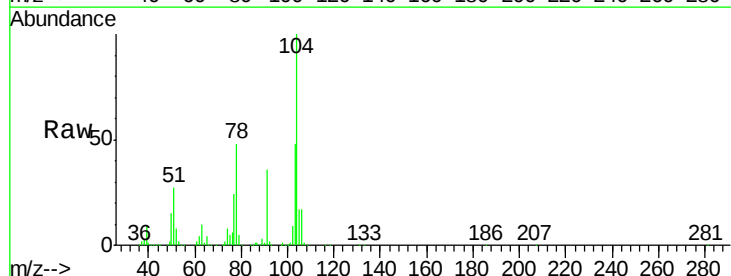
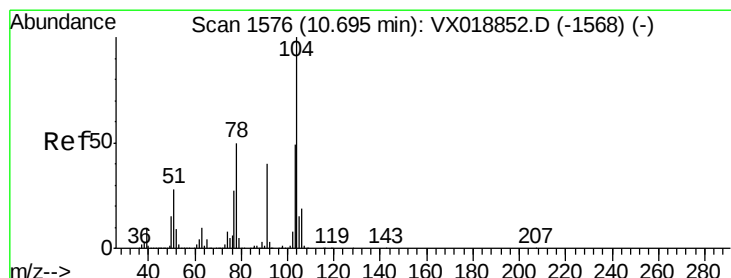
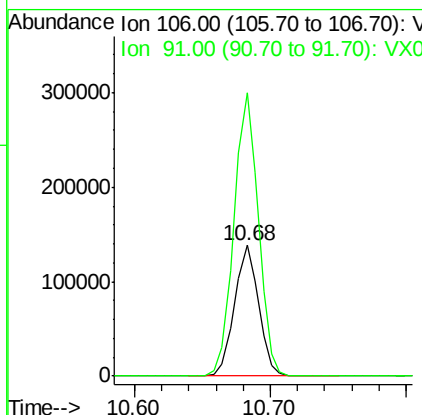
#69
o-Xylene
Concen: 49.942 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tot Ion:106 Resp: 170787
Ion Ratio Lower Upper
106 100
91 218.9 109.9 329.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

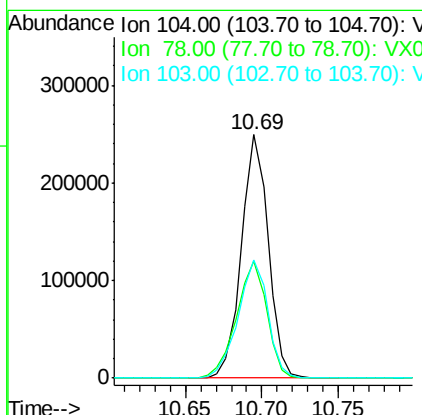
Manual Integrations
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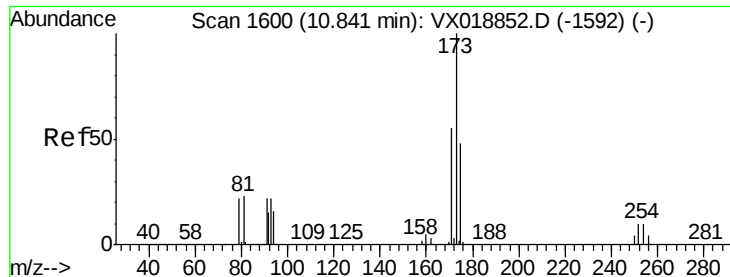
MMDadoda
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#70
Styrene
Concen: 52.581 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion:104 Resp: 304411
Ion Ratio Lower Upper
104 100
78 54.3 43.5 65.3
103 53.9 43.3 64.9





#71

Bromoform

Concen: 51.623 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 104318

Ion Ratio Lower Upper

173 100

175 47.7 23.4 70.0

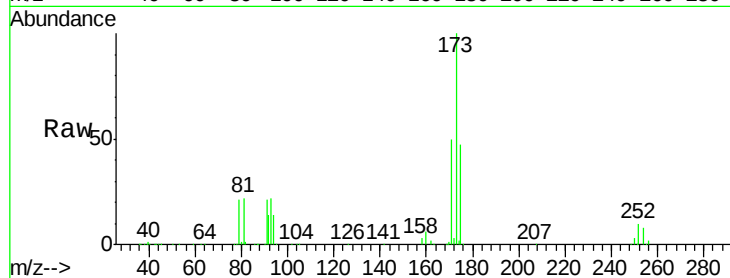
254 0.1 0.0 0.0#

Manual Integrations

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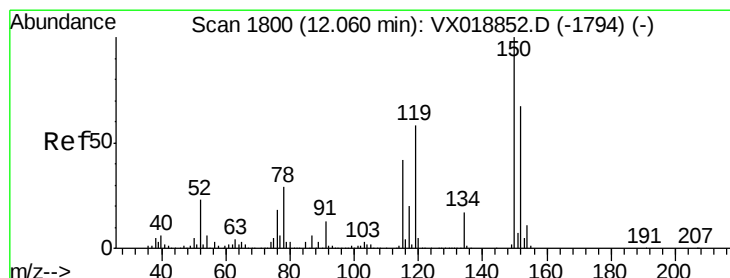
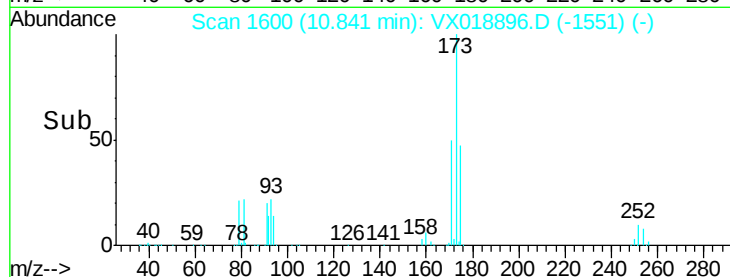
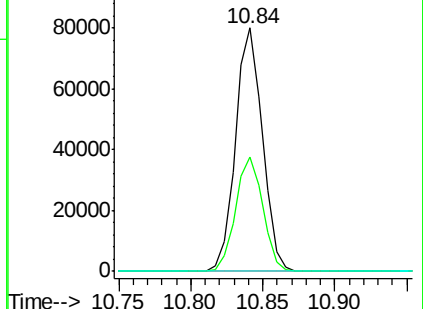
10/12/2020 2:23:43 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

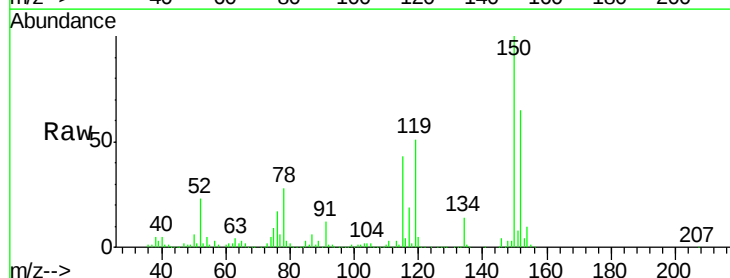
Tgt Ion:152 Resp: 154037

Ion Ratio Lower Upper

152 100

115 83.3 41.8 125.4

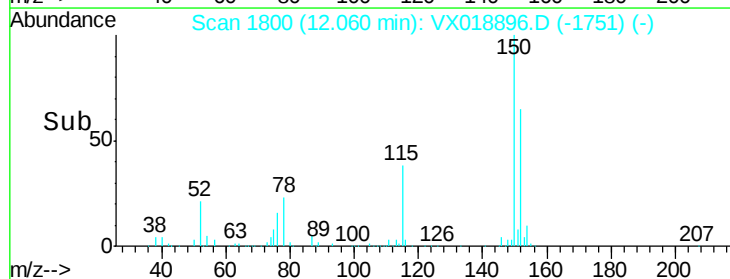
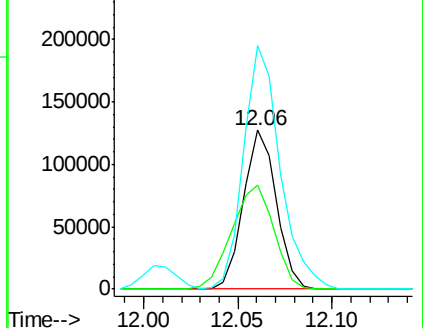
150 170.4 0.0 347.6

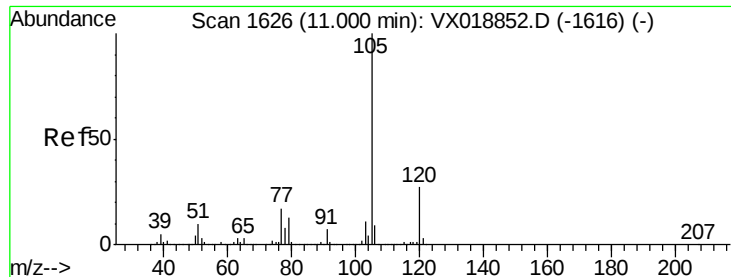


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.009 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 493838

Ion Ratio Lower Upper

105 100

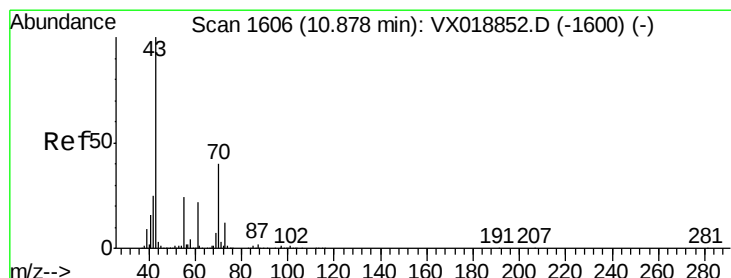
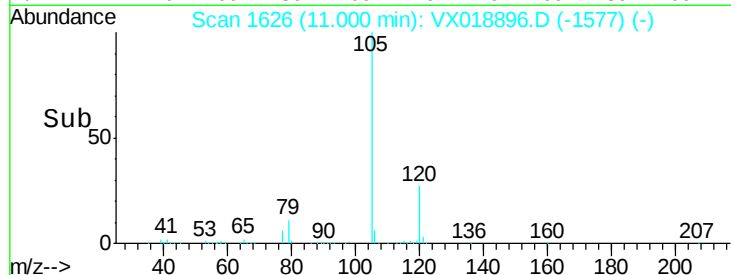
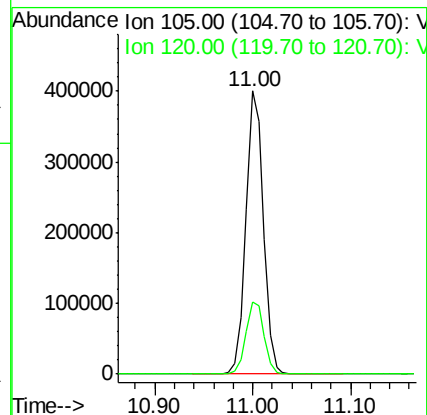
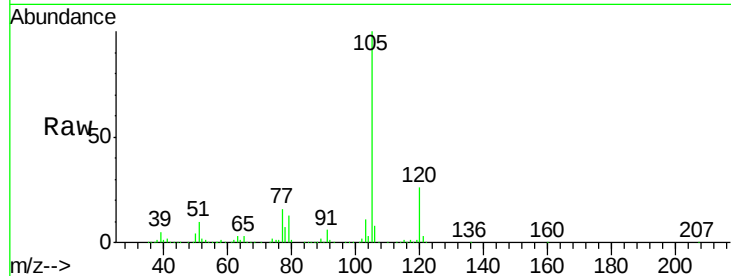
120 26.5 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 46.991 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion: 43 Resp: 187338

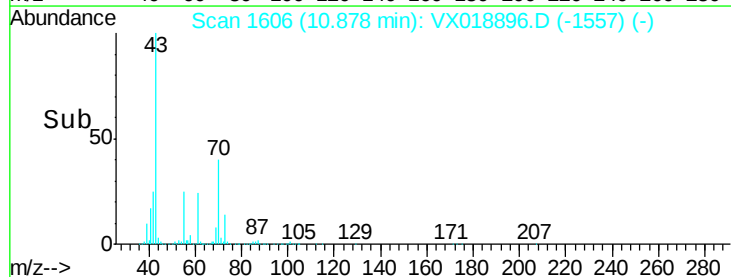
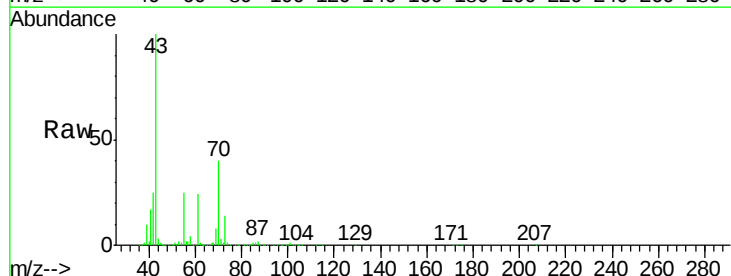
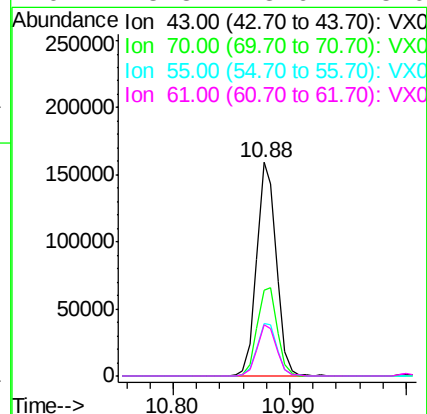
Ion Ratio Lower Upper

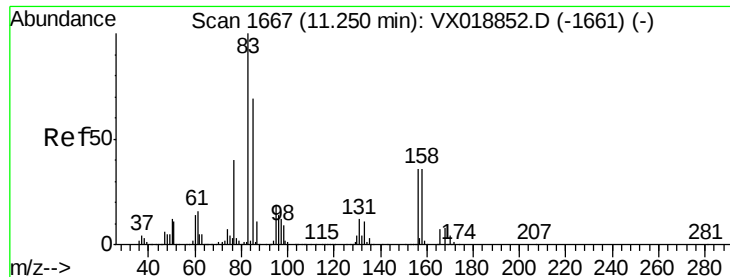
43 100

70 42.8 33.7 50.5

55 25.5 19.8 29.8

61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.504 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

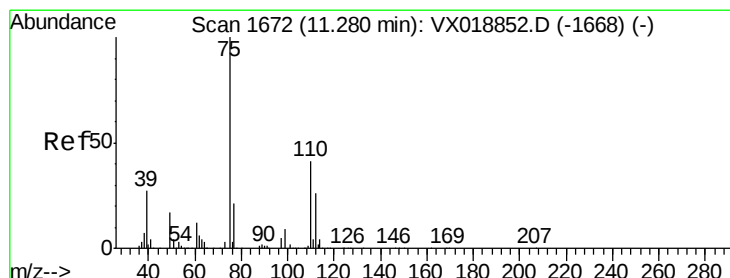
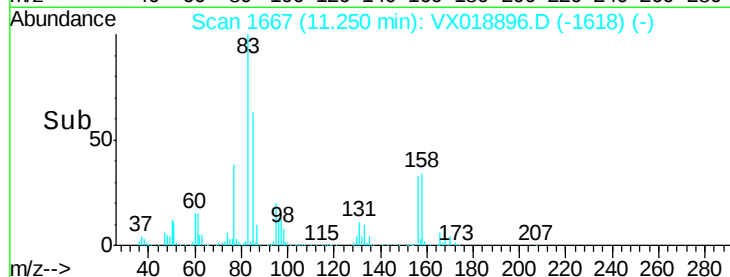
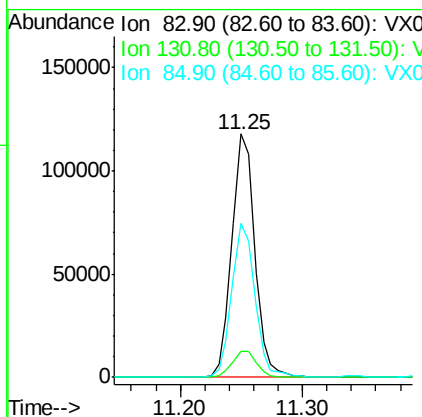
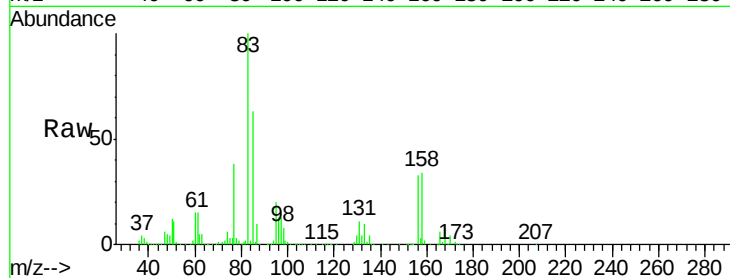
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	152824
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.9	17.8
85	64.2	33.0	98.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.812 ug/l m

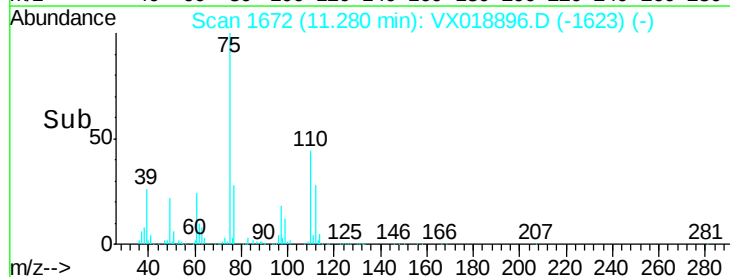
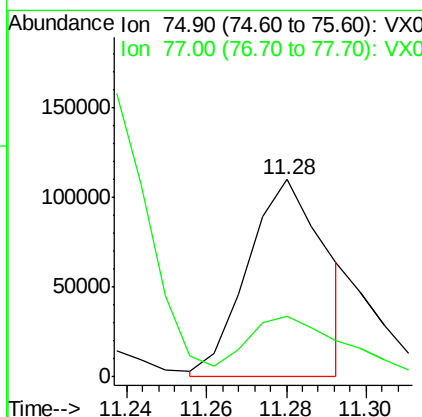
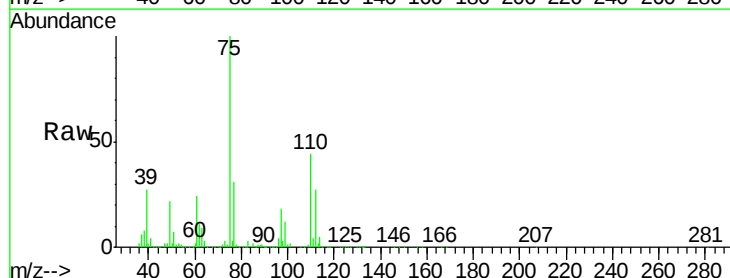
RT: 11.28 min Scan# 1672

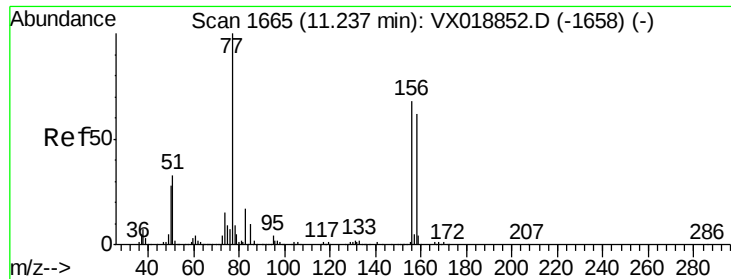
Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion:	75	Resp:	148730
Ion Ratio	Lower	Upper	
75	100		
77	38.5	20.2	60.6





#77

Bromobenzene

Concen: 46.632 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

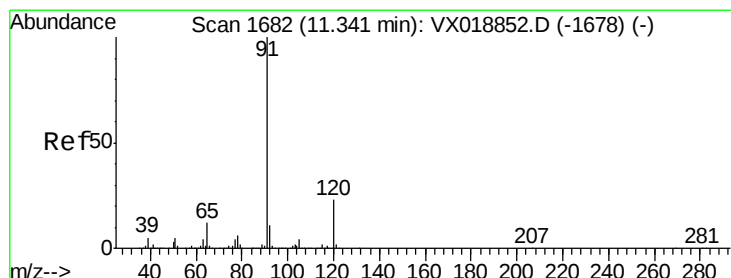
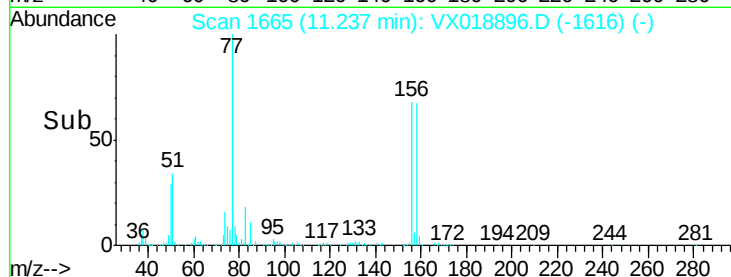
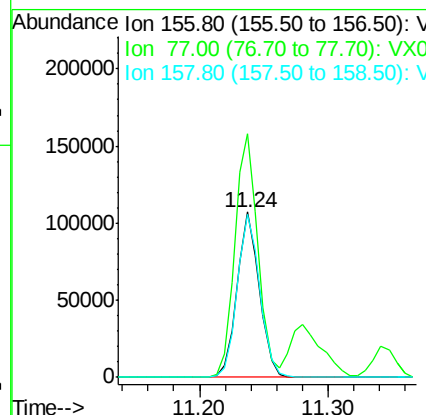
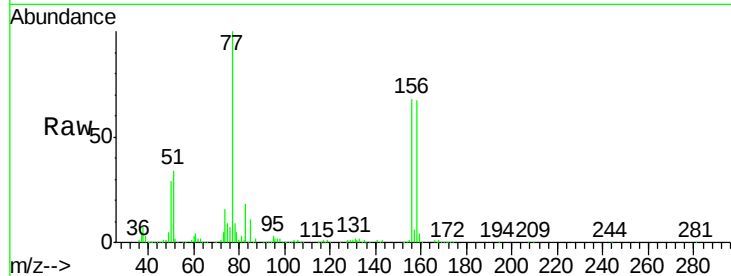
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.2	76.0	228.1
158	100.4	47.2	141.6

Manual Integrations
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#78

n-propylbenzene

Concen: 47.070 ug/l

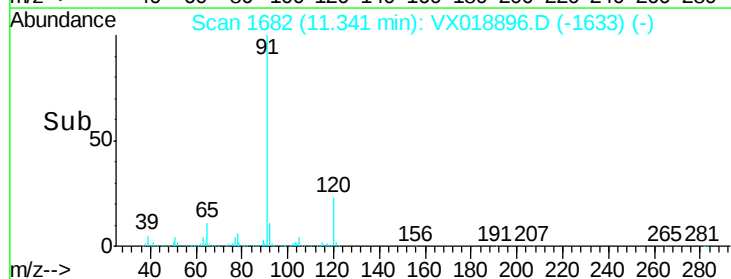
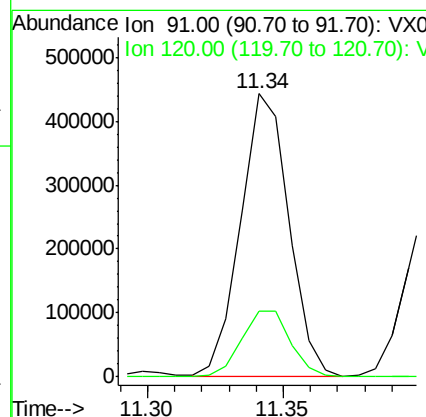
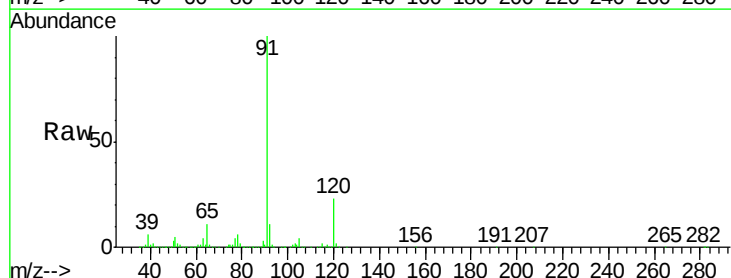
RT: 11.34 min Scan# 1682

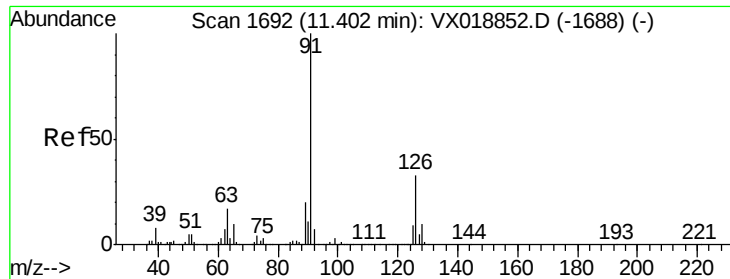
Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.0	36.0





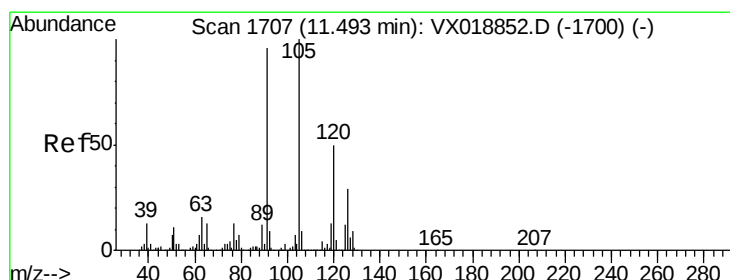
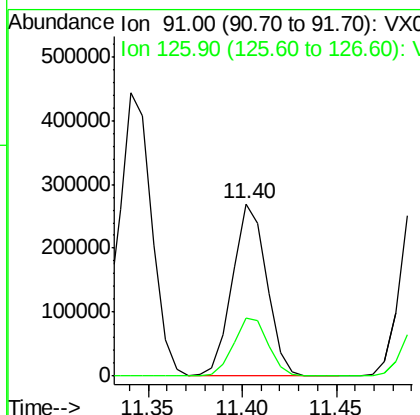
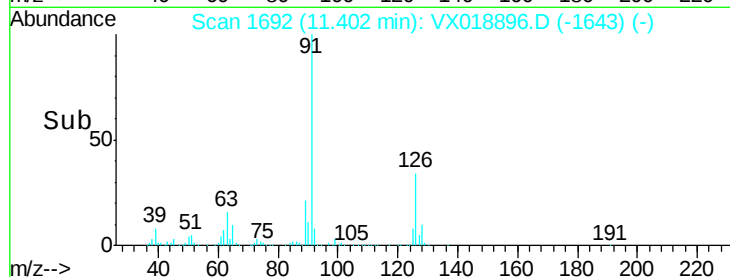
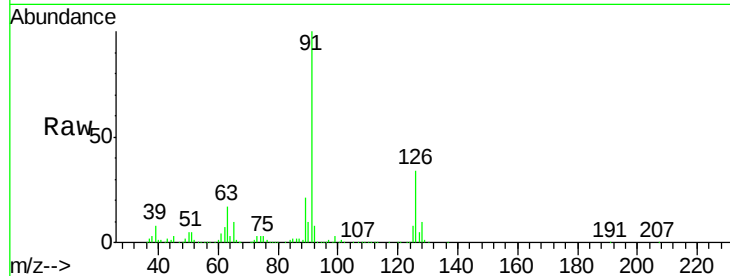
#79
 2-Chlorotoluene
 Concen: 47.228 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 338022
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.1 51.3

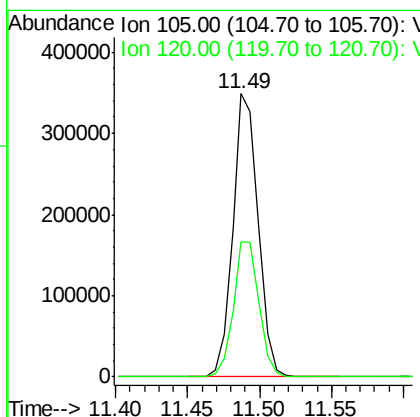
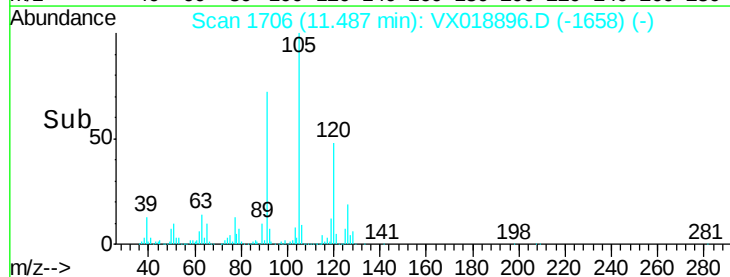
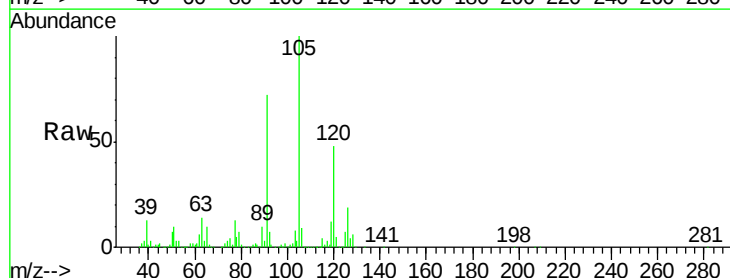
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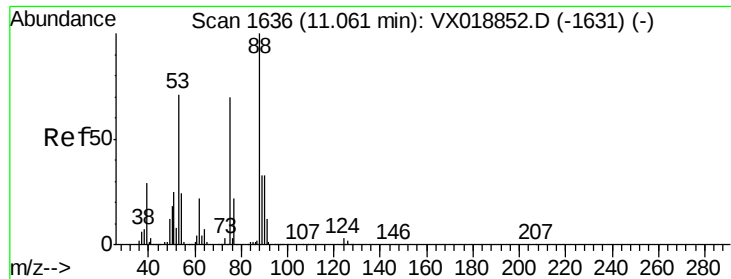
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.527 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion: 105 Resp: 426878
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 39.343 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

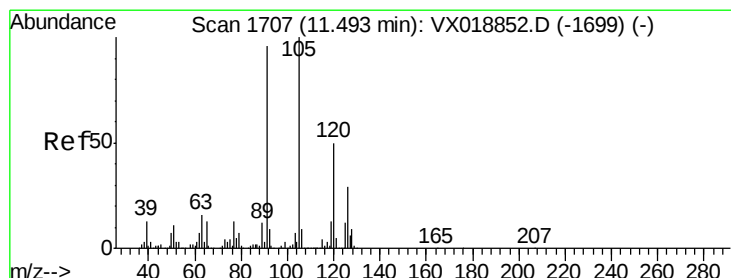
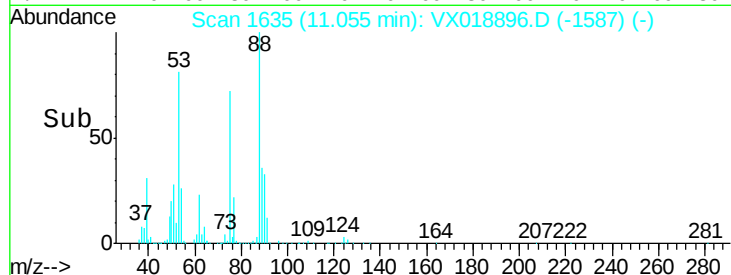
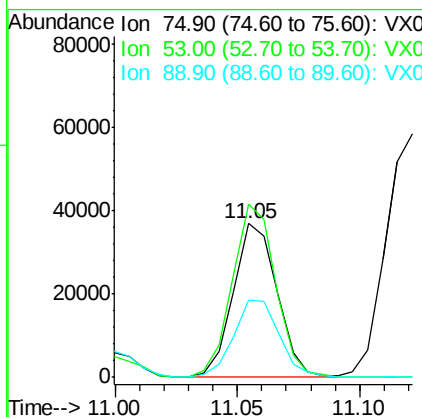
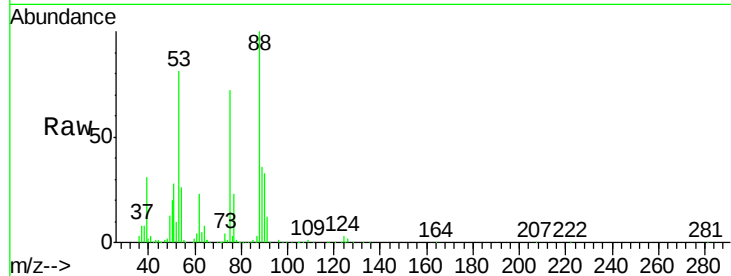
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	46077
Ion	Ratio	Lower	Upper
75	100		
53	111.5	85.0	127.4
89	52.1	39.0	58.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.161 ug/l

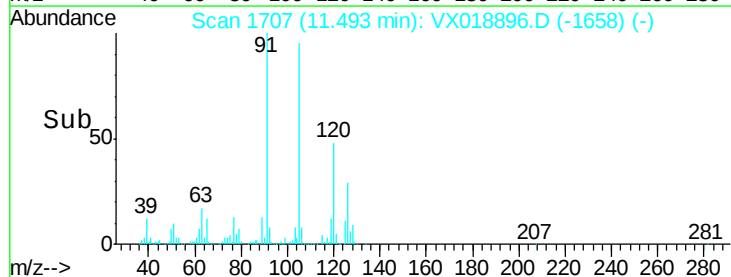
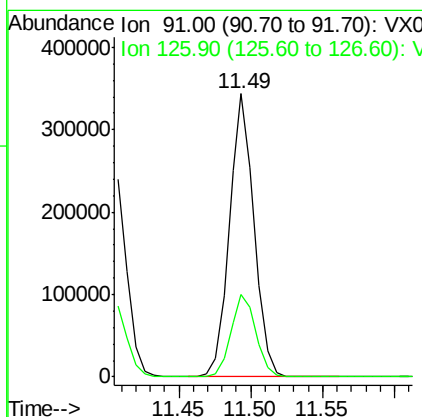
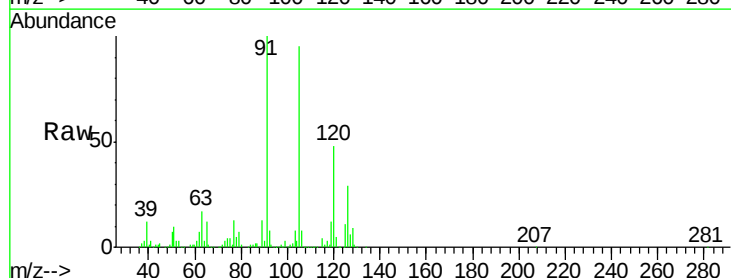
RT: 11.49 min Scan# 1707

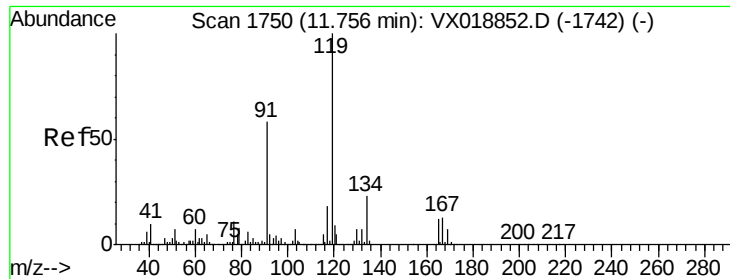
Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion:	91	Resp:	409865
Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.9	44.7





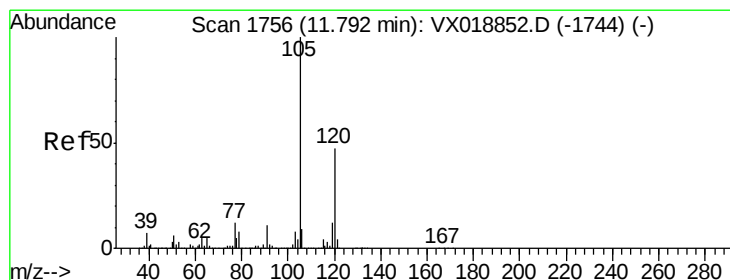
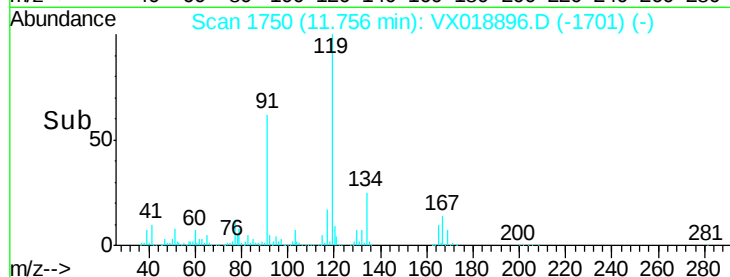
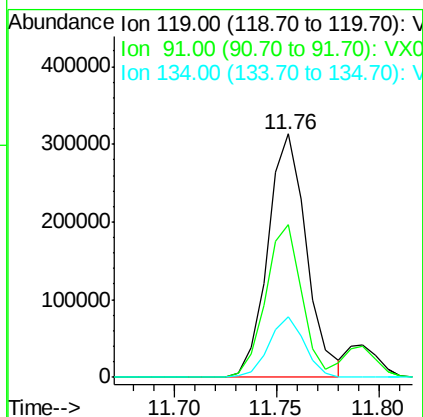
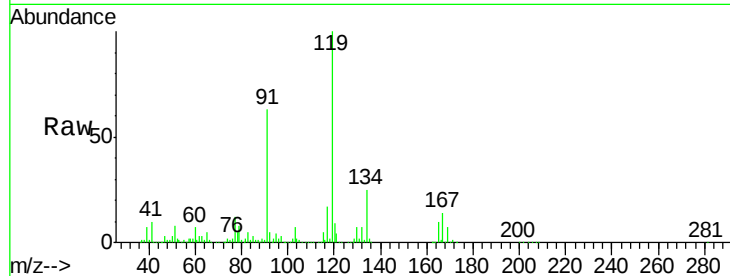
#83
tert-Butylbenzene
Concen: 47.868 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.4	28.6	85.9
134	23.0	11.7	35.0

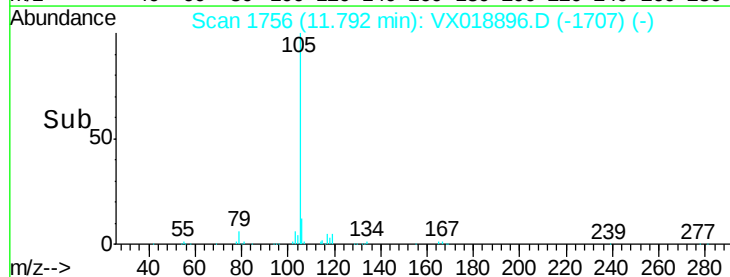
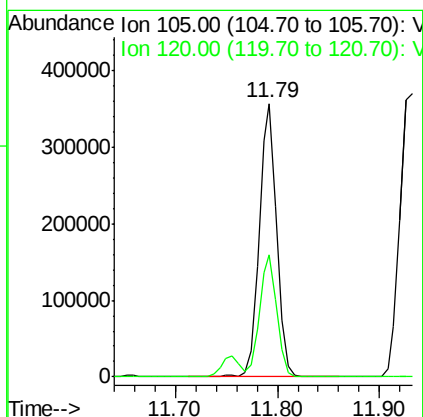
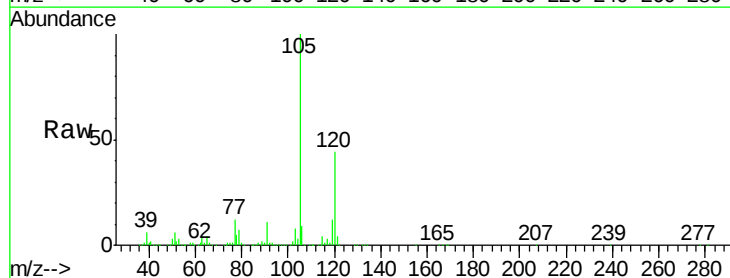
Manual Integrations
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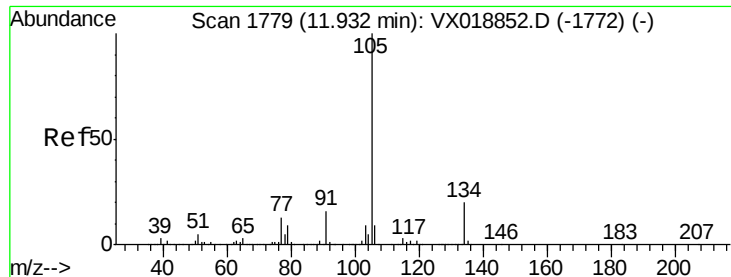
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#84
1,2,4-Trimethylbenzene
Concen: 49.060 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 47.860 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 465388

Ion Ratio Lower Upper

105 100

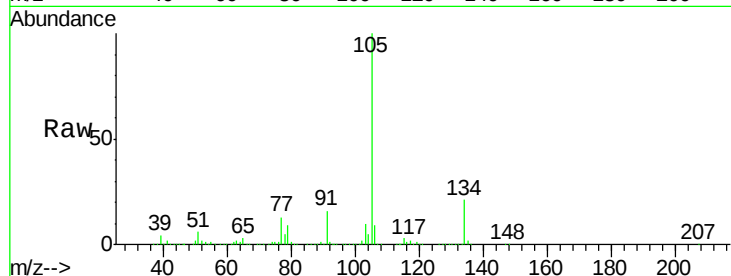
134 20.7 10.2 30.4

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

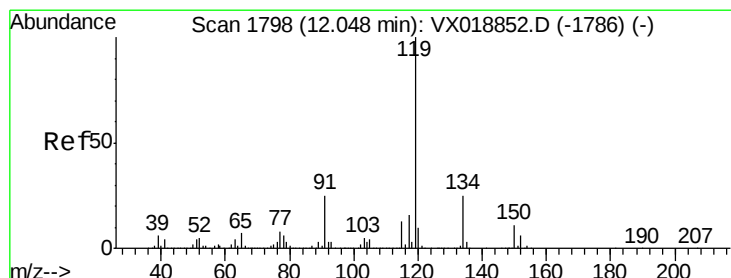
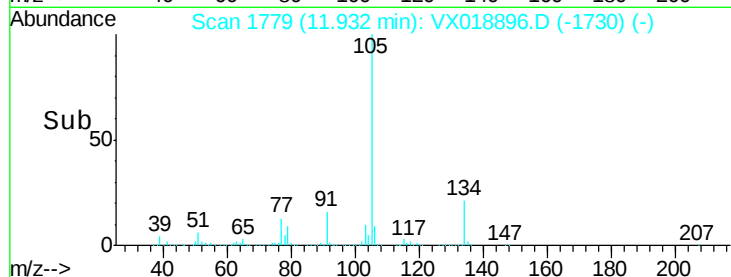
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 48.335 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

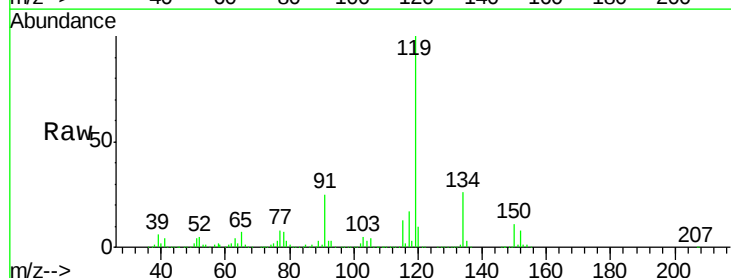
Tgt Ion:119 Resp: 445900

Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 25.1 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

500000

400000

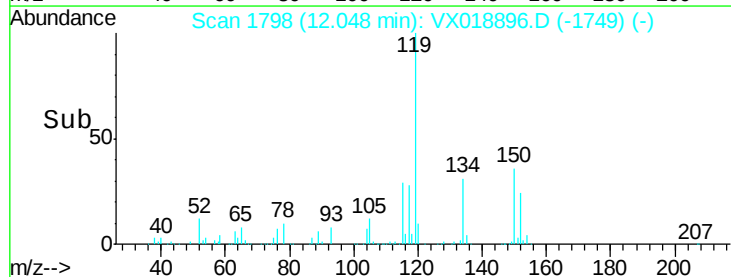
300000

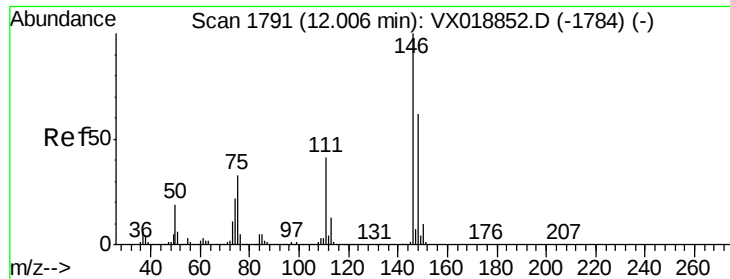
200000

100000

0

Time--> 12.00 12.10





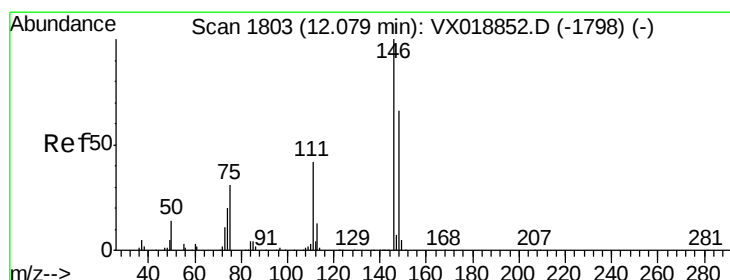
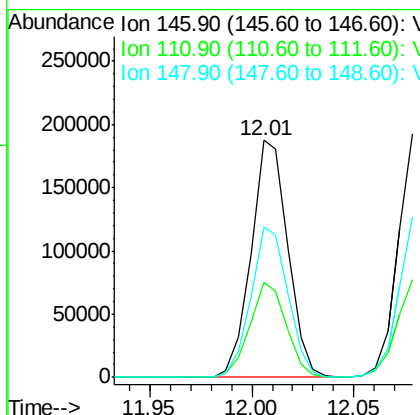
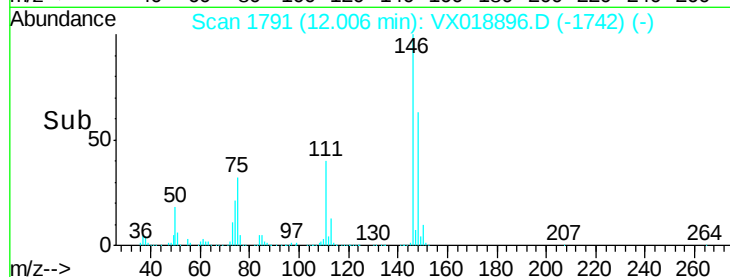
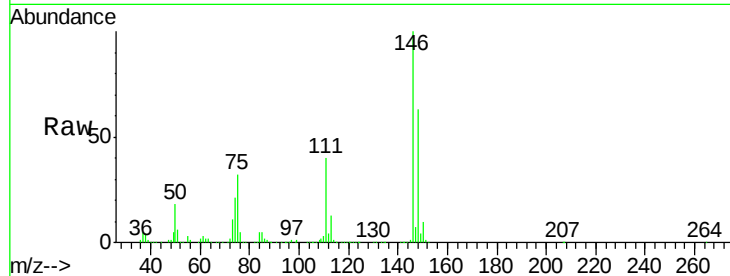
#87
 1,3-Dichlorobenzene
 Concen: 46.358 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	63.9	31.4	94.3

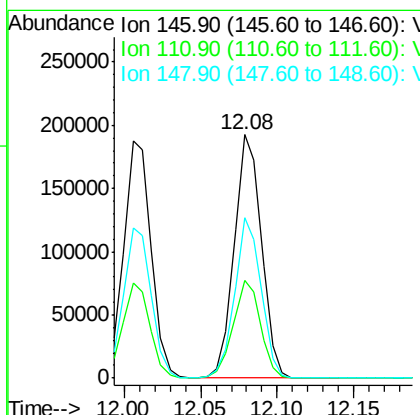
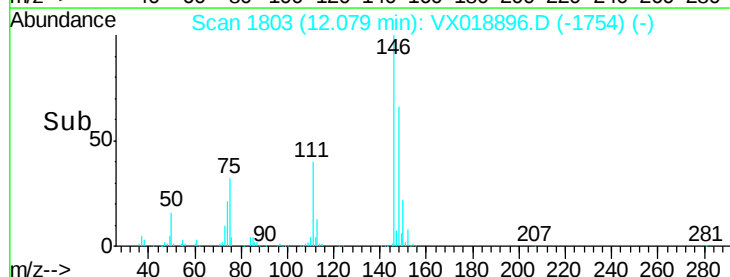
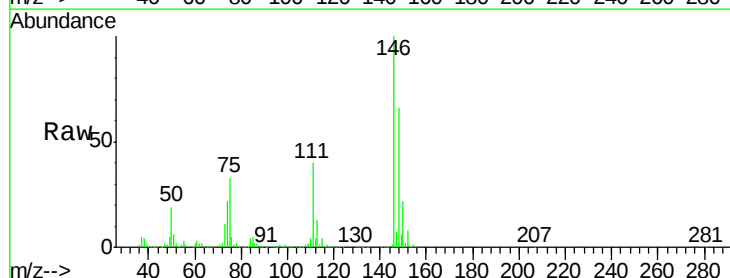
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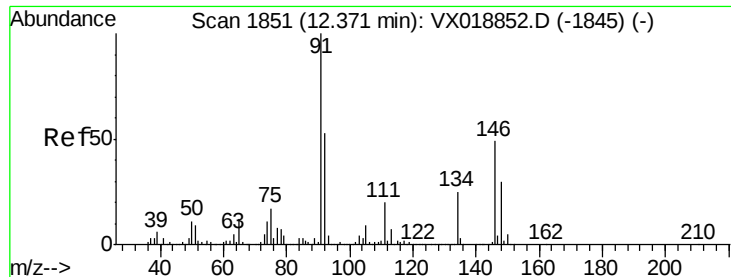
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 45.920 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.5
148	64.3	32.2	96.6





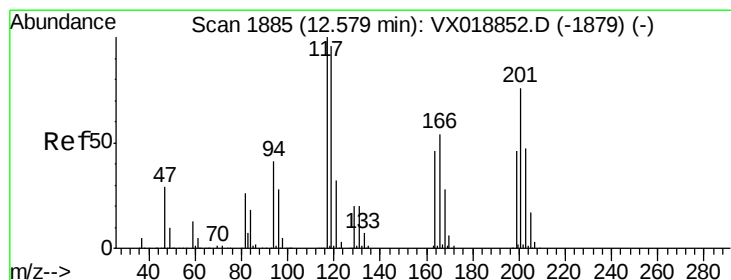
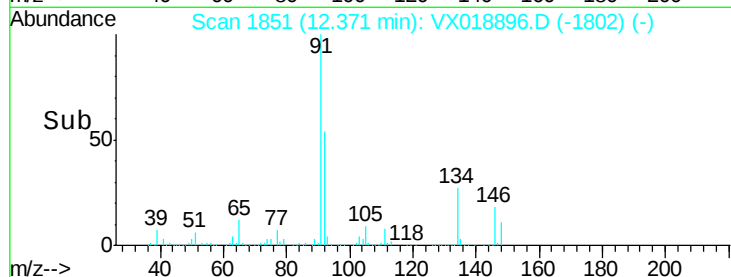
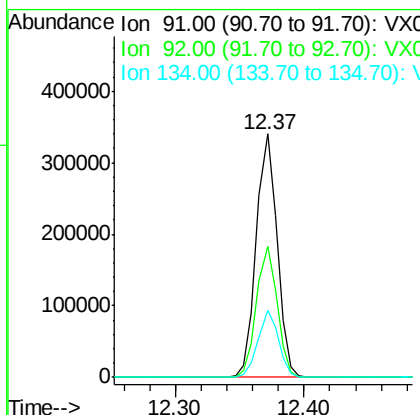
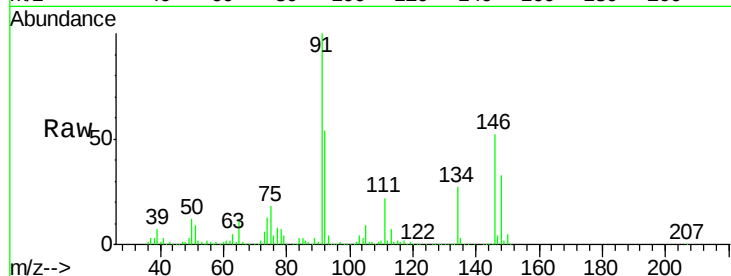
#89
n-Butylbenzene
Concen: 46.983 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.4	26.7	80.0	
134	27.0	13.5	40.4	

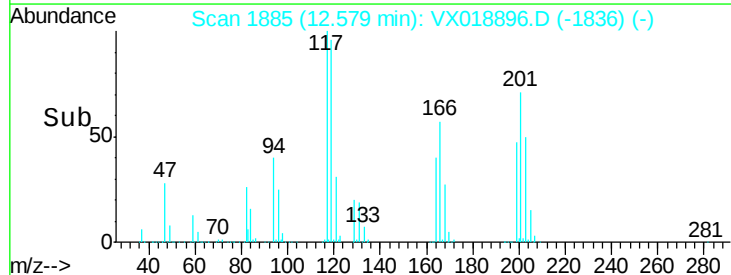
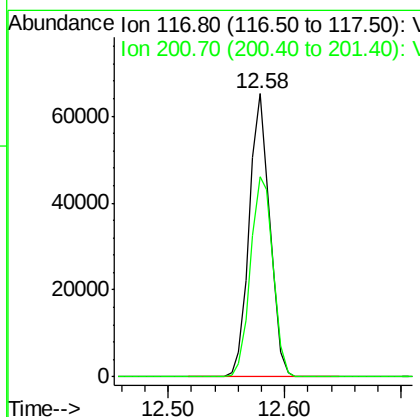
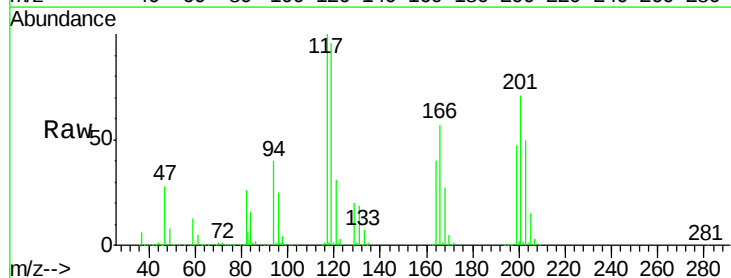
Manual Integrations
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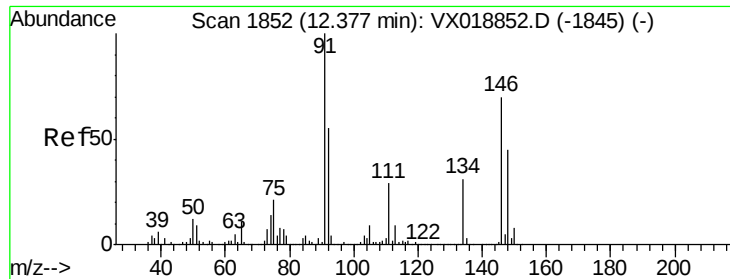
MMDadoda
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#90
Hexachloroethane
Concen: 47.042 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	76.7	37.4	112.2	





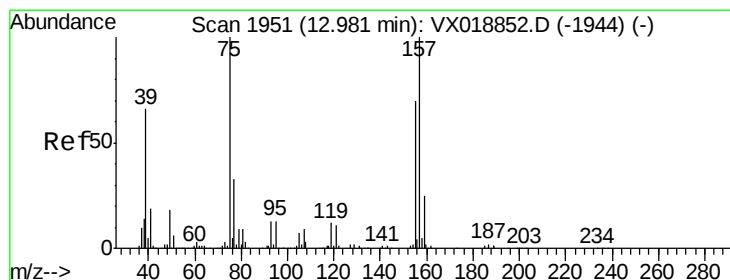
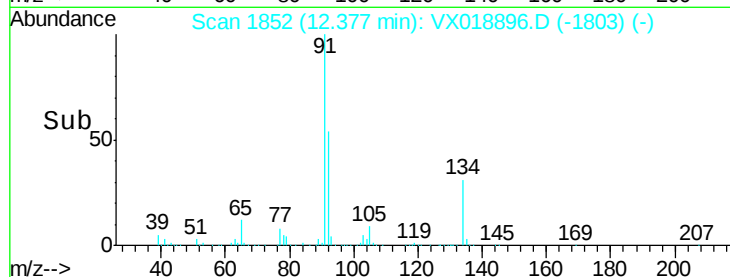
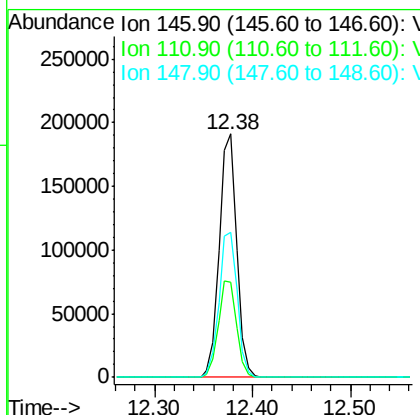
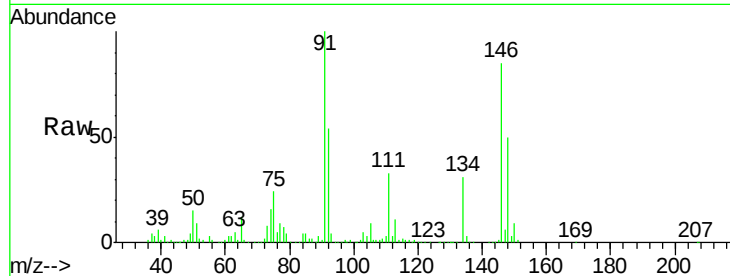
#91
 1,2-Dichlorobenzene
 Concen: 48.720 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	62.4	31.1	93.2

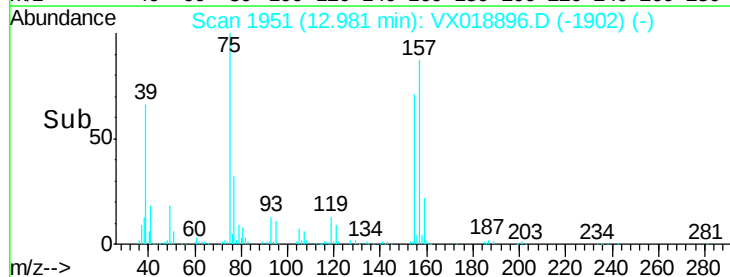
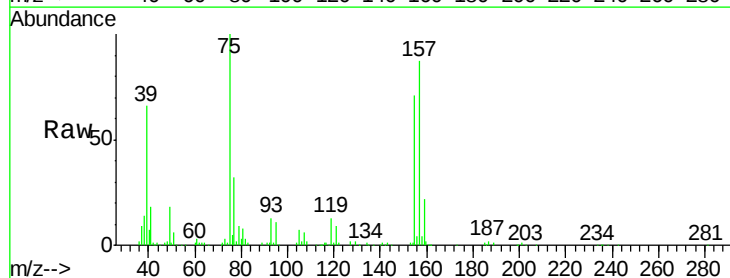
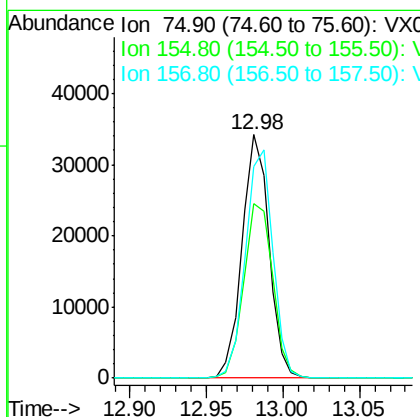
Manual Integrations
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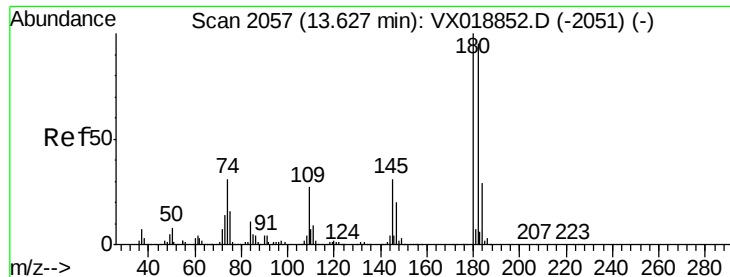
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.685 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.3	38.0	113.9
157	95.6	50.9	152.7





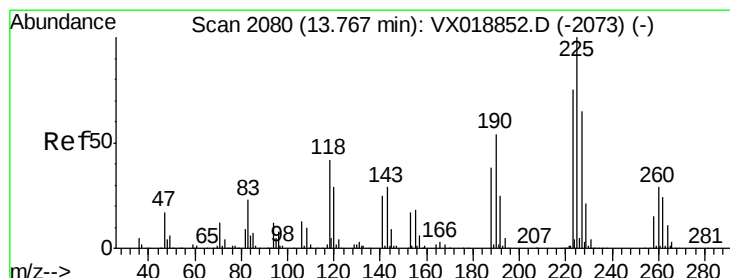
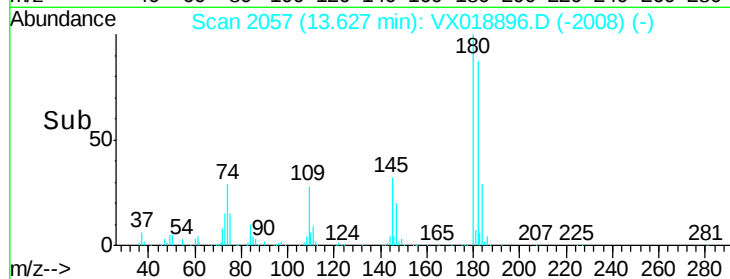
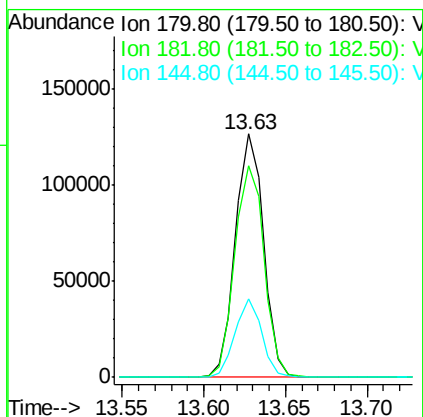
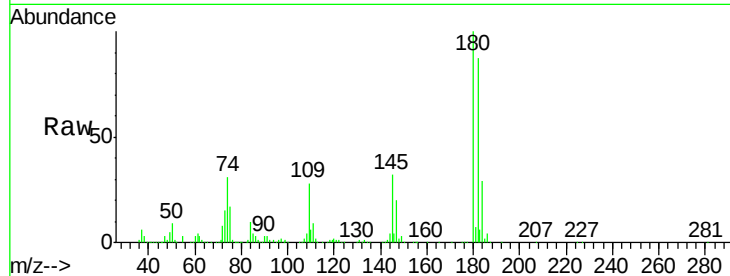
#93
1,2,4-Trichlorobenzene
Concen: 49.210 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	152764		
182	90.5	49.1	147.3	
145	30.7	16.0	48.0	

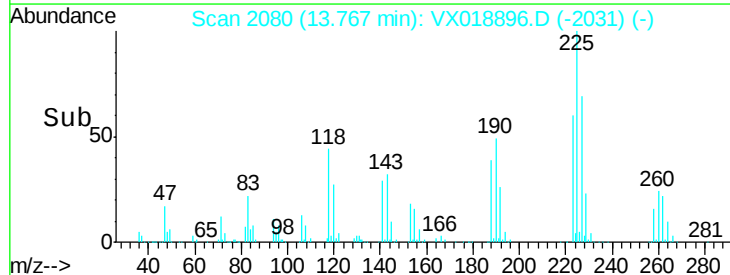
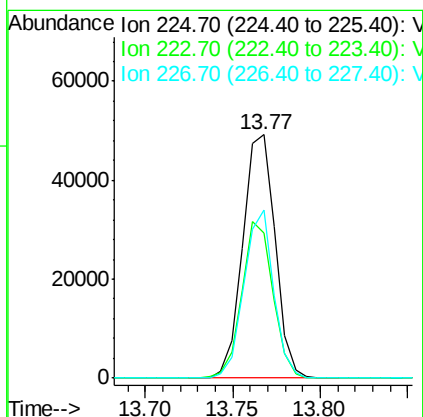
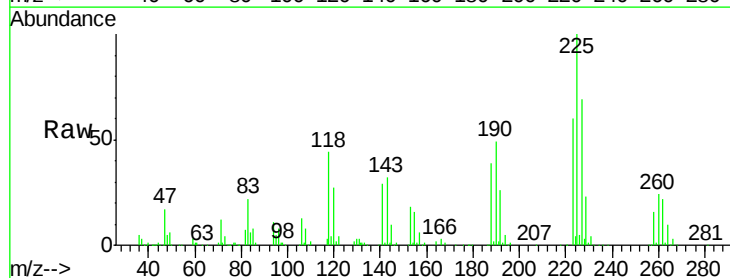
Manual Integrations
APPROVED

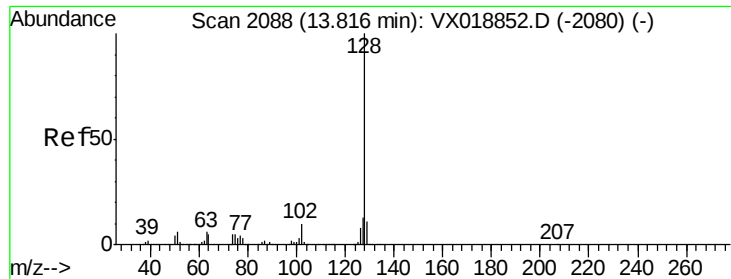
MMDadoda
10/12/2020 2:23:43 PM



#94
Hexachlorobutadiene
Concen: 46.063 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63513		
223	61.5	32.1	96.3	
227	62.9	33.0	98.9	





#95

Naphthalene

Concen: 45.647 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

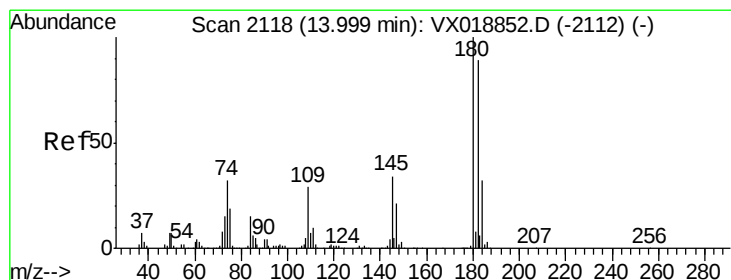
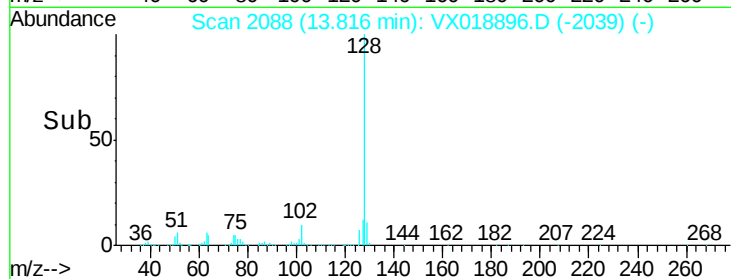
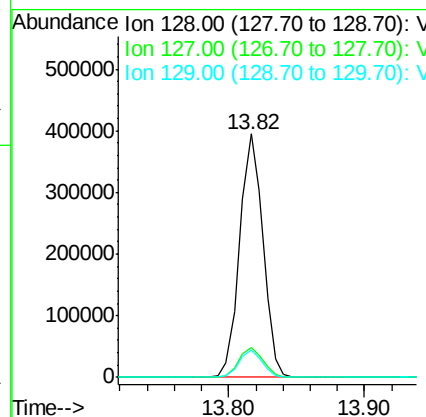
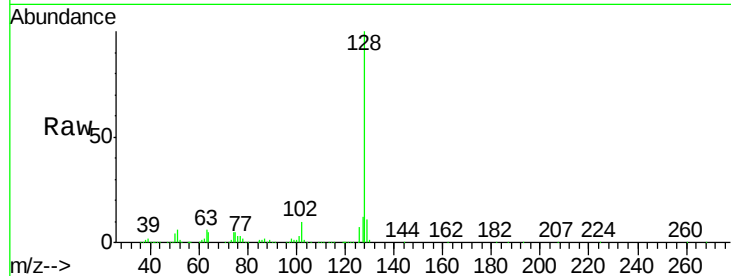
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	470140
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:23:43 PM



#96

1,2,3-Trichlorobenzene

Concen: 45.578 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion:	180	Resp:	138429
Ion Ratio	Lower	Upper	
180	100		
182	104.0	47.7	143.1
145	35.9	16.7	50.0

