

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018898.D
 Acq On : 12 Oct 2020 12:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/13/2020 2:19:13 PM

Quant Time: Oct 13 04:14:39 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	261024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	375660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198936	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	176768	45.92	ug/l	0.00
Spiked Amount						
			Recovery	=	91.84%	
35) Dibromofluoromethane	5.46	113	132061	49.33	ug/l	-0.01
Spiked Amount						
			Recovery	=	98.66%	
50) Toluene-d8	8.70	98	457263	49.24	ug/l	0.00
Spiked Amount						
			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.12	95	182749	49.38	ug/l	0.00
Spiked Amount						
			Recovery	=	98.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	159953	51.762	ug/l	97
3) Chloromethane	1.31	50	143165	58.519	ug/l	99
4) Vinyl Chloride	1.39	62	151868	55.532	ug/l	95
5) Bromomethane	1.62	94	83469	54.801	ug/l	97
6) Chloroethane	1.71	64	97652	53.315	ug/l	94
7) Trichlorofluoromethane	1.92	101	267751	49.670	ug/l	99
8) Diethyl Ether	2.17	74	77615	51.632	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128227	49.529	ug/l	98
10) Methyl Iodide	2.49	142	112389	42.011	ug/l	96
11) Tert butyl alcohol	3.01	59	158449	261.318	ug/l	98
12) 1,1-Dichloroethene	2.36	96	123604	51.292	ug/l	95
13) Acrolein	2.27	56	125515	248.797	ug/l	99
14) Allyl chloride	2.70	41	233509	53.426	ug/l	93
15) Acrylonitrile	3.11	53	345532	268.696	ug/l	100
16) Acetone	2.42	43	360771	248.231	ug/l	99
17) Carbon Disulfide	2.55	76	359925	50.918	ug/l	99
18) Methyl Acetate	2.75	43	170999	53.433	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	404250	50.015	ug/l	98
20) Methylene Chloride	2.83	84	144155	52.471	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	141107	50.467	ug/l	96
22) Diisopropyl ether	3.82	45	434533	55.551	ug/l	98
23) Vinyl Acetate	3.78	43	2110438	280.530	ug/l	100
24) 1,1-Dichloroethane	3.67	63	266302	50.635	ug/l	98
25) 2-Butanone	4.63	43	544607	261.175	ug/l	95
26) 2,2-Dichloropropane	4.54	77	225058	44.352	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	149689	48.209	ug/l	98
28) Bromochloromethane	4.98	49	123713	53.161	ug/l	85
29) Tetrahydrofuran	5.08	42	306268	273.755	ug/l	96
30) Chloroform	5.17	83	278122	47.999	ug/l	99
31) Cyclohexane	5.54	56	197682	54.976	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	260230	47.259	ug/l	99
36) 1,1-Dichloropropene	5.76	75	203073	51.415	ug/l	99
37) Ethyl Acetate	4.79	43	214244	56.170	ug/l	99
38) Carbon Tetrachloride	5.75	117	240690	49.166	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	197262	54.179	ug/l	97
40) Benzene	6.11	78	555863	52.384	ug/l	99
41) Methacrylonitrile	5.00	41	115828	52.348	ug/l	99
42) 1,2-Dichloroethane	6.16	62	239605	48.163	ug/l	100
43) Isopropyl Acetate	6.41	43	334910	52.835	ug/l	99
44) Trichloroethene	7.18	130	156964	49.324	ug/l	91
45) 1,2-Dichloropropane	7.49	63	149257	53.159	ug/l	98
46) Dibromomethane	7.63	93	102352	49.328	ug/l	99
47) Bromodichloromethane	7.87	83	228933	50.915	ug/l	95
48) Methyl methacrylate	7.74	41	175689	54.623	ug/l	96
49) 1,4-Dioxane	7.71	88	56461	1251.927	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	989273	267.393	ug/l	100
52) Toluene	8.76	92	352974	51.834	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	231880	49.805	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	241361	50.395	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	143567	49.082	ug/l	99
56) Ethyl methacrylate	9.16	69	202796	47.641	ug/l	97
57) 1,3-Dichloropropane	9.35	76	244650	51.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	539874	255.103	ug/l	99
59) 2-Hexanone	9.47	43	759905	269.591	ug/l	100
60) Dibromochloromethane	9.56	129	180700	49.213	ug/l	98
61) 1,2-Dibromoethane	9.65	107	153753	49.017	ug/l	98
64) Tetrachloroethene	9.32	164	146126	56.506	ug/l	94
65) Chlorobenzene	10.12	112	376338	49.036	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	160007	50.536	ug/l	99
67) Ethyl Benzene	10.23	91	679000	52.444	ug/l	98
68) m/p-Xylenes	10.34	106	525058	106.742	ug/l	98
69) o-Xylene	10.68	106	241531	52.117	ug/l	100
70) Styrene	10.70	104	438484	55.887	ug/l	98
71) Bromoform	10.84	173	135252	49.388	ug/l #	96
73) Isopropylbenzene	11.00	105	683395	52.514	ug/l	100
74) N-amyl acetate	10.88	43	275180	53.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	215894	49.775	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	213222m	49.743	ug/l	
77) Bromobenzene	11.24	156	182616	51.085	ug/l	98
78) n-propylbenzene	11.34	91	797108	53.755	ug/l	99
79) 2-Chlorotoluene	11.40	91	467447	50.571	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	588061	52.829	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	77040	50.934	ug/l	94
82) 4-Chlorotoluene	11.49	91	573648	52.193	ug/l	99
83) tert-Butylbenzene	11.76	119	569390	51.078	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	615807	54.421	ug/l	97
85) sec-Butylbenzene	11.93	105	646708	51.496	ug/l	98
86) p-Isopropyltoluene	12.05	119	626611	52.594	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	327595	49.899	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	326171	49.048	ug/l	97
89) n-Butylbenzene	12.37	91	532034	51.395	ug/l	100
90) Hexachloroethane	12.58	117	106813	48.224	ug/l	89
91) 1,2-Dichlorobenzene	12.37	146	302312	48.376	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51242	46.193	ug/l	96

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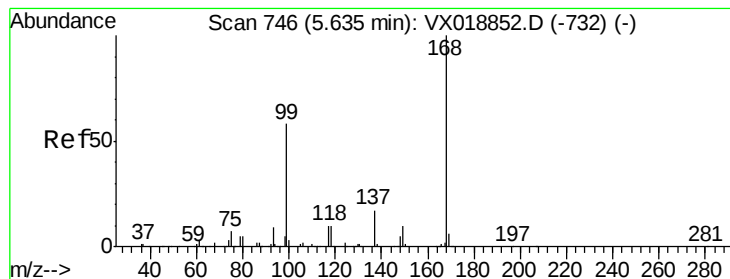
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	216411	53.979	ug/l	95
94) Hexachlorobutadiene	13.77	225	101748	57.138	ug/l	99
95) Naphthalene	13.82	128	630016	47.249	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	210568	53.682	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 261024

Ion Ratio Lower Upper

168 100

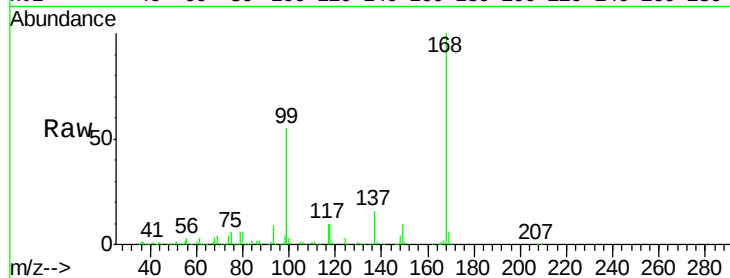
99 54.9 46.1 69.1

Manual Integrations

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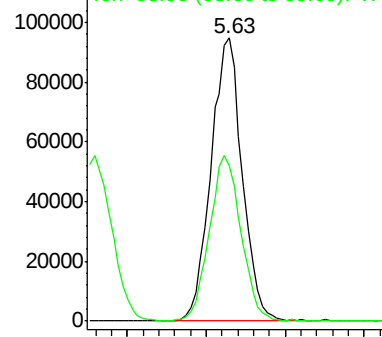
MMDadoda

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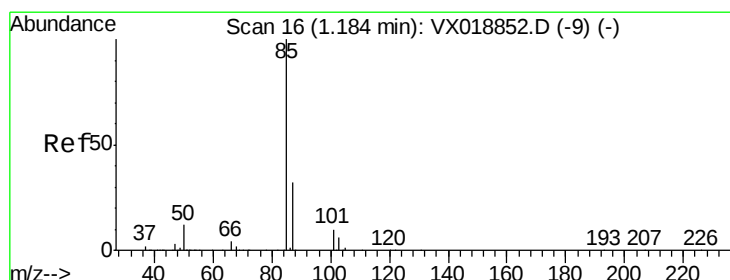
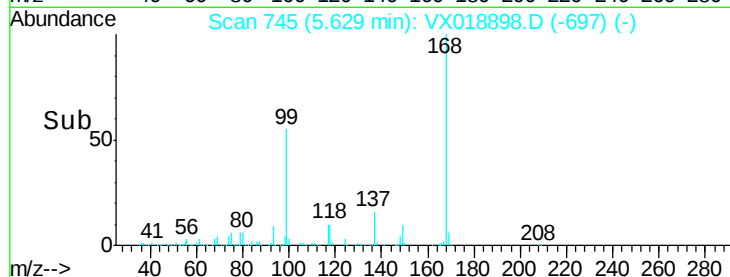


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 51.762 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018898.D

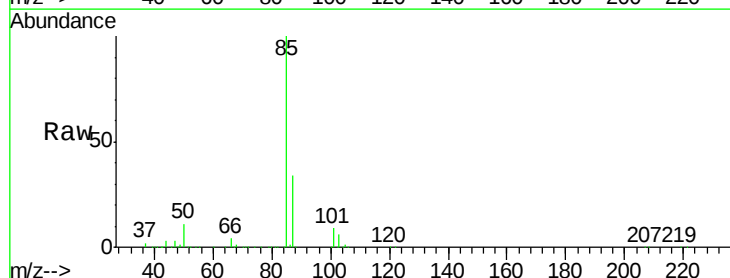
Acq: 12 Oct 2020 12:35

Tgt Ion: 85 Resp: 159953

Ion Ratio Lower Upper

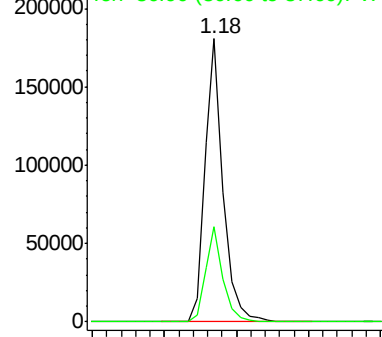
85 100

87 33.6 15.9 47.7

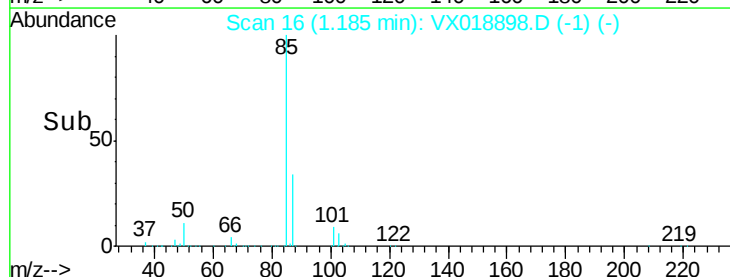


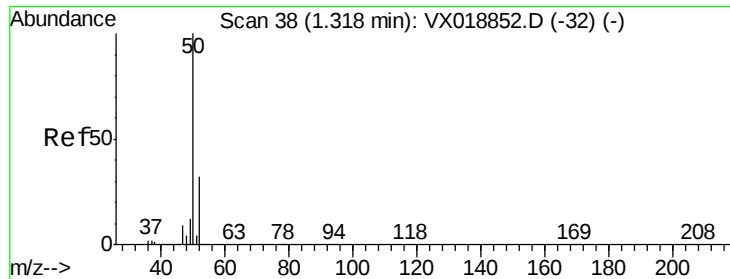
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 58.519 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 143165

Ion Ratio Lower Upper

50 100

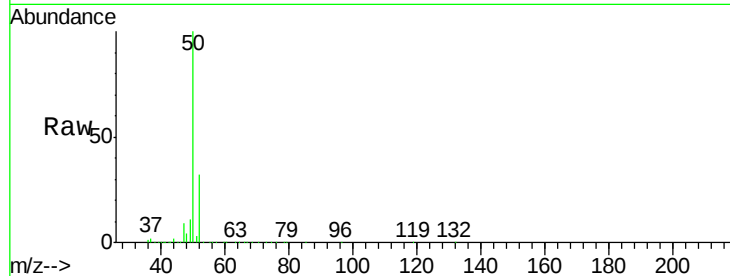
52 32.0 25.2 37.8

Manual Integrations

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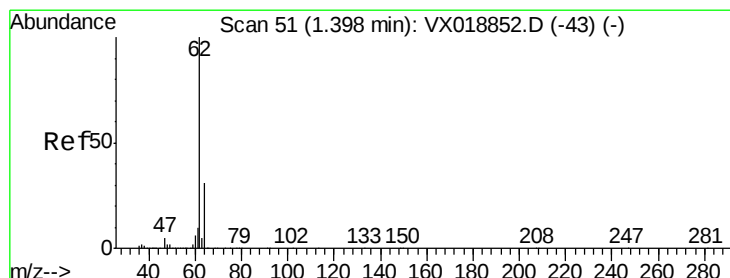
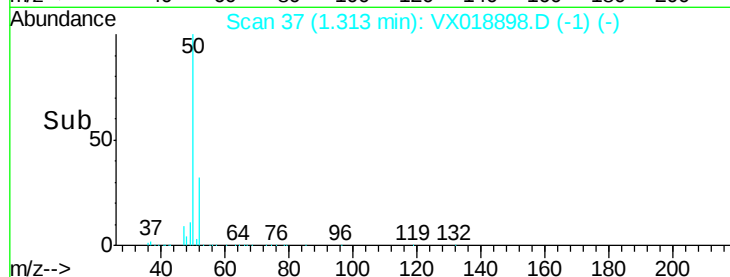
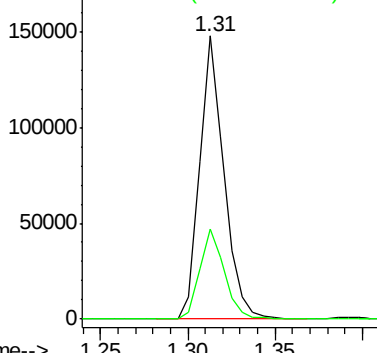
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 55.532 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018898.D

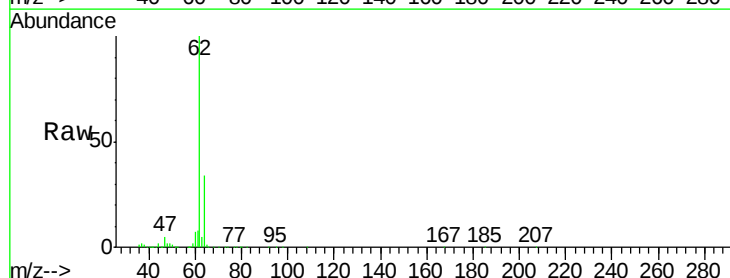
Acq: 12 Oct 2020 12:35

Tgt Ion: 62 Resp: 151868

Ion Ratio Lower Upper

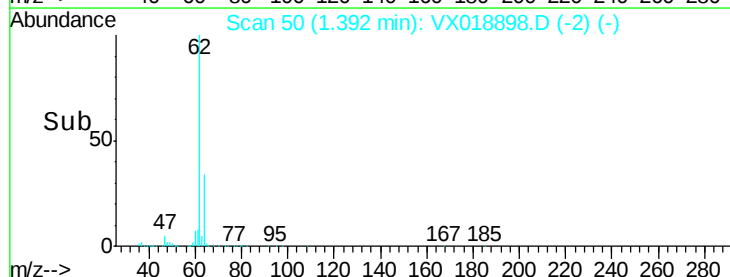
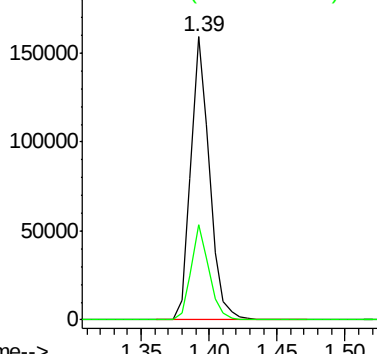
62 100

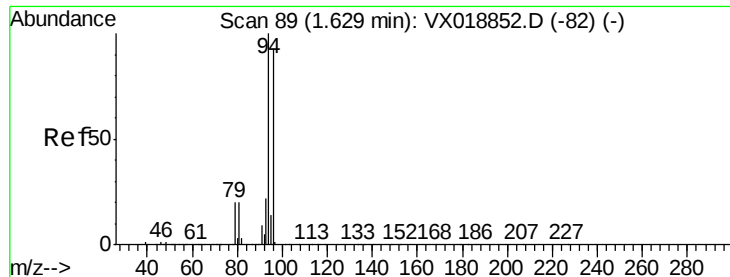
64 33.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.801 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 83469

Ion Ratio Lower Upper

94 100

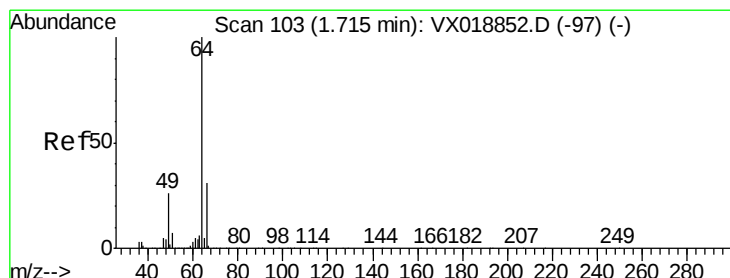
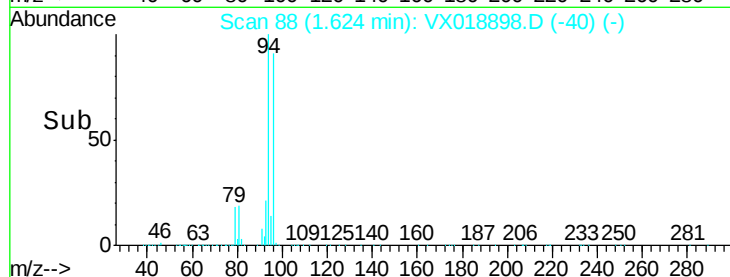
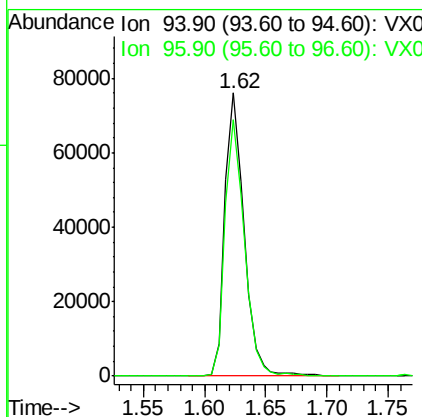
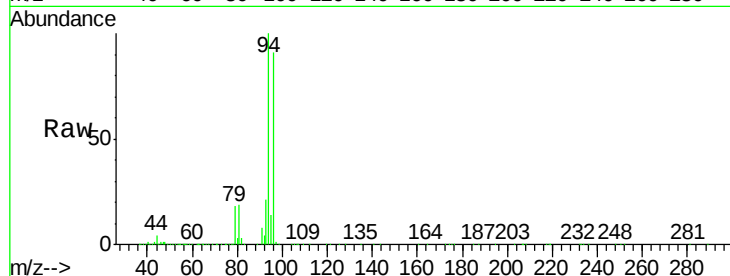
96 90.7 74.5 111.7

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#6

Chloroethane

Concen: 53.315 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018898.D

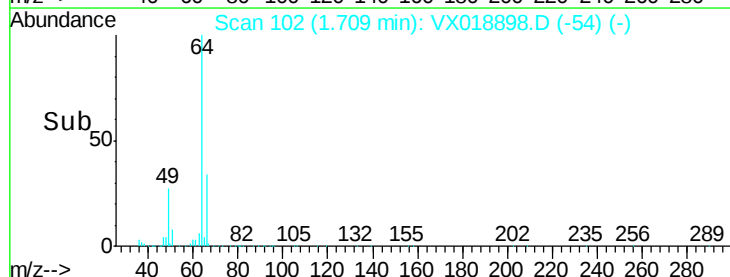
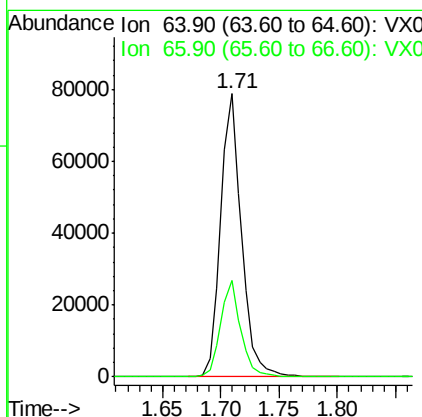
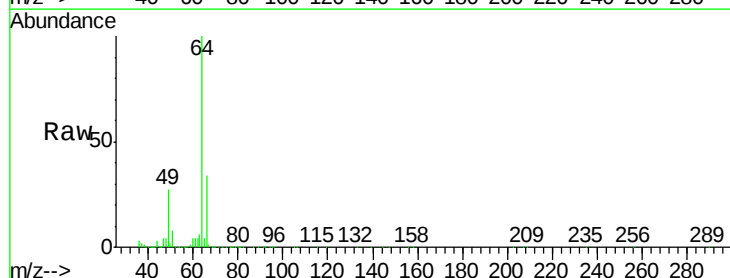
Acq: 12 Oct 2020 12:35

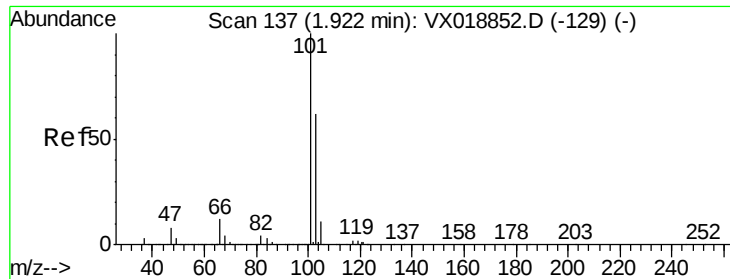
Tgt Ion: 64 Resp: 97652

Ion Ratio Lower Upper

64 100

66 34.1 24.7 37.1





#7

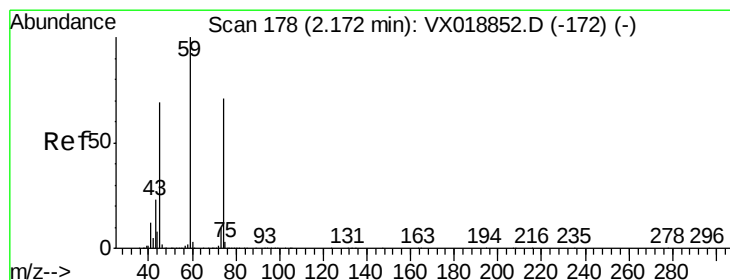
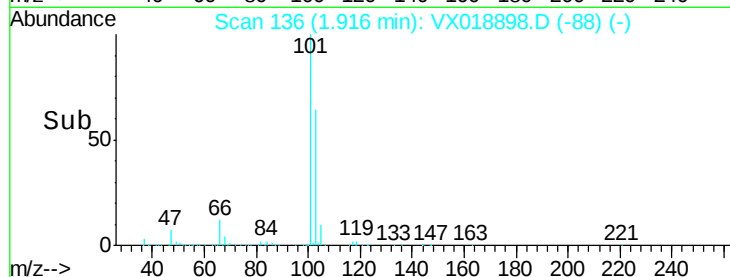
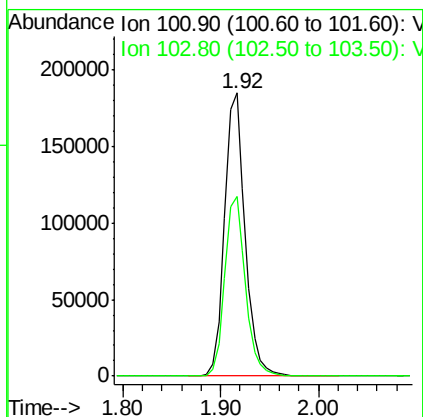
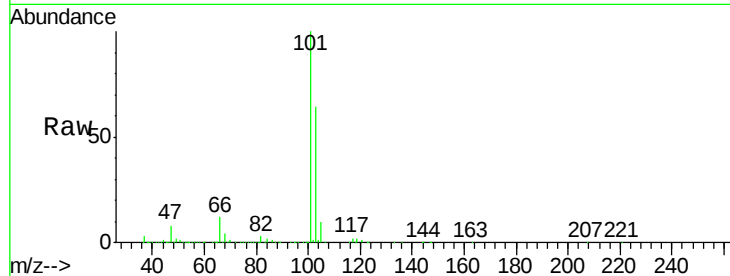
Trichlorofluoromethane
Concen: 49.670 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.0	75.0

Manual Integrations
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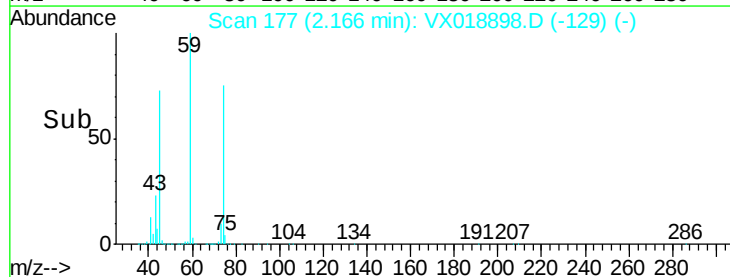
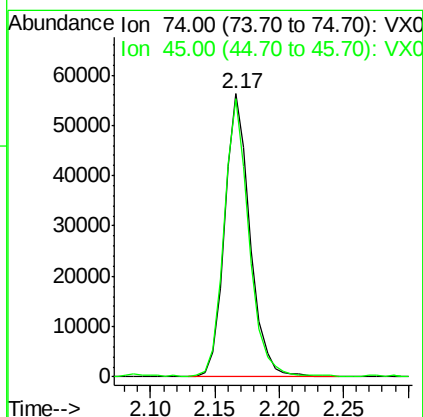
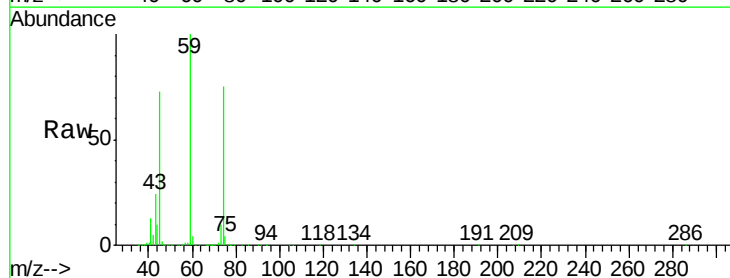
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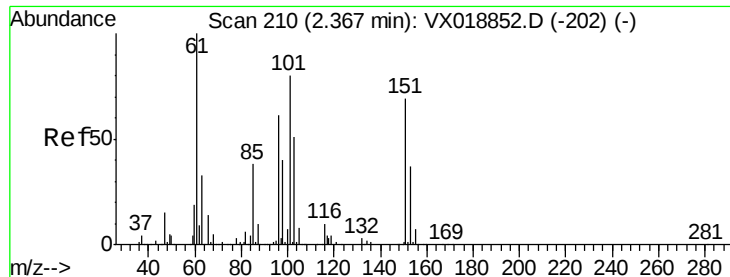


#8

Diethyl Ether
Concen: 51.632 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	47.0	141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.529 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

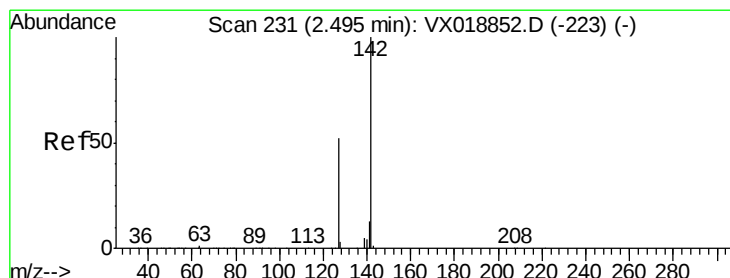
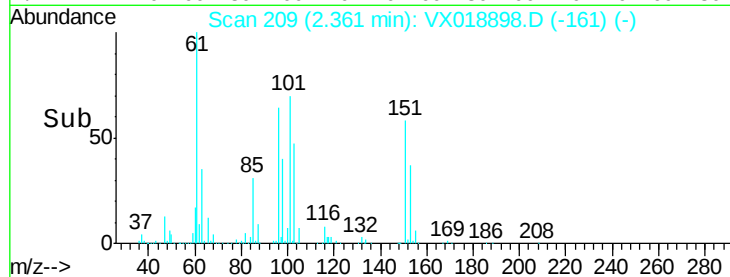
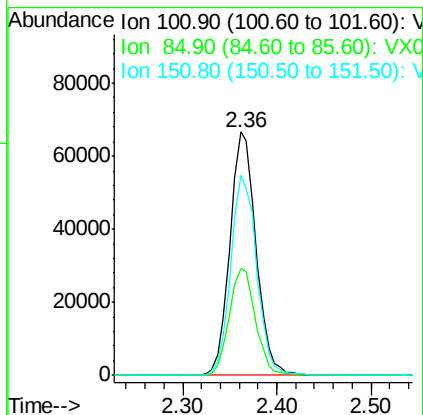
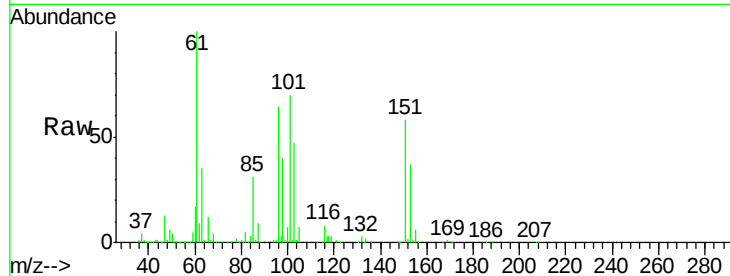
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	128227
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.6	55.0
151	81.7	67.2	100.8

Manual Integrations
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#10

Methyl Iodide

Concen: 42.011 ug/l

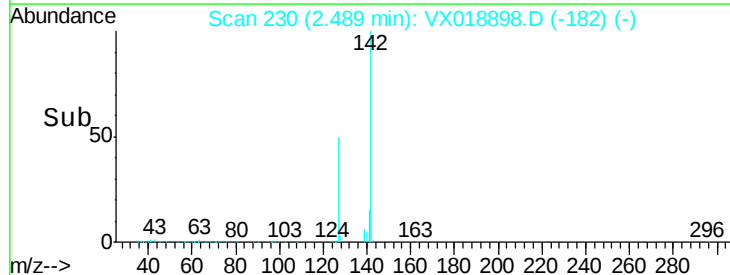
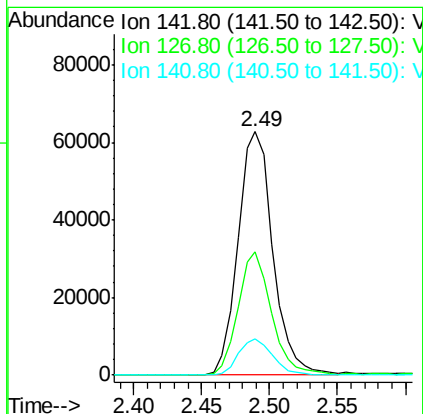
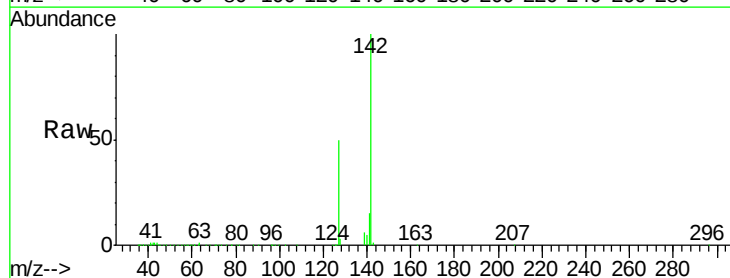
RT: 2.49 min Scan# 230

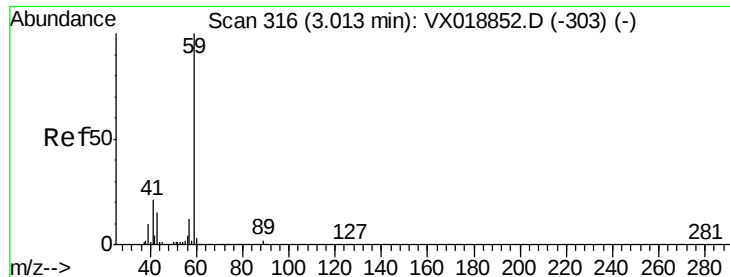
Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Tgt Ion:	142	Resp:	112389
Ion Ratio	Lower	Upper	
142	100		
127	48.8	42.0	63.0
141	14.7	11.8	17.6





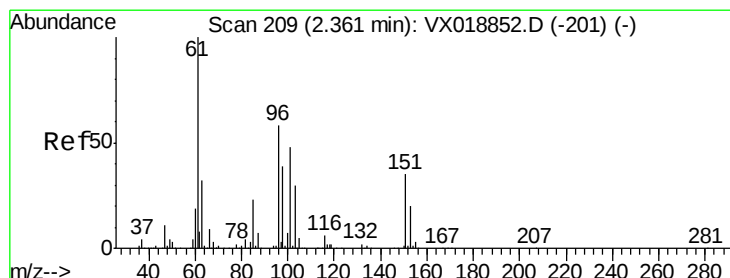
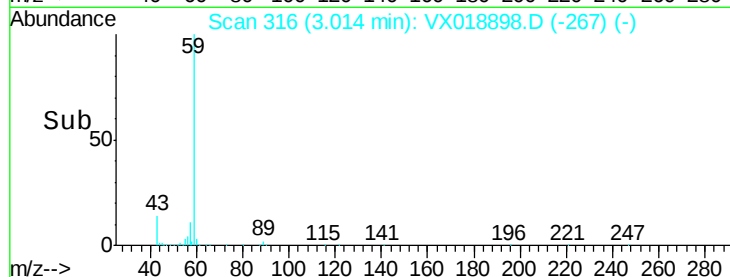
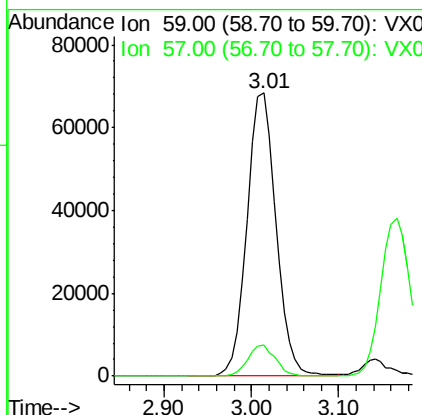
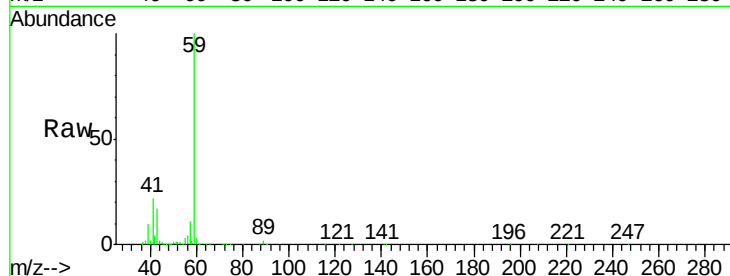
#11
Tert butyl alcohol
Concen: 261.318 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	9.0	13.6

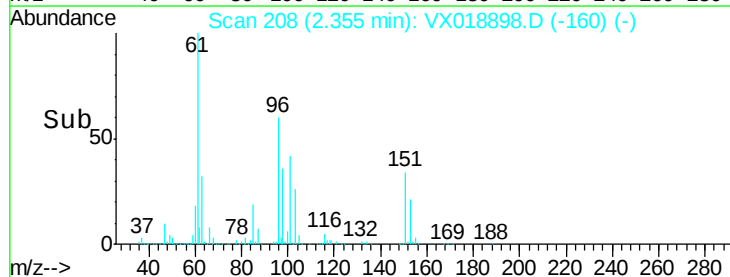
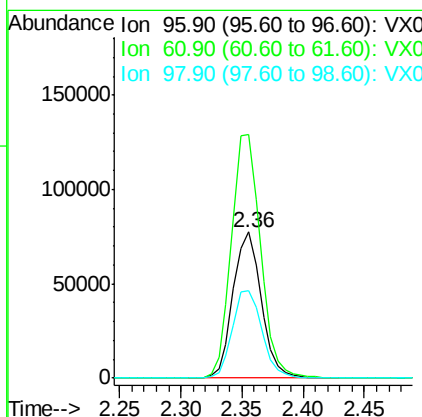
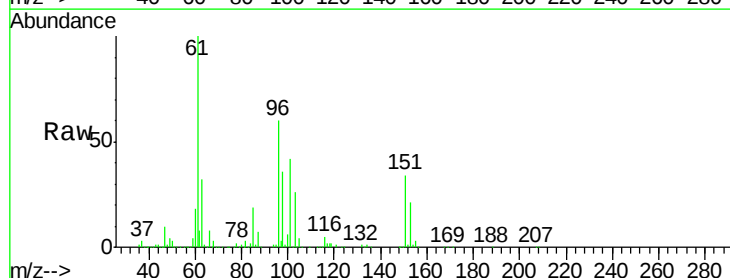
Manual Integrations
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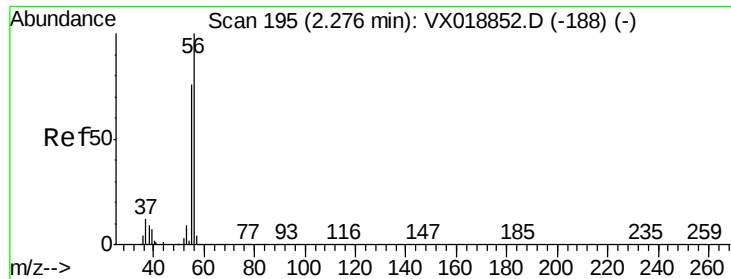
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.292 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.6	137.0	205.6
98	60.4	53.9	80.9





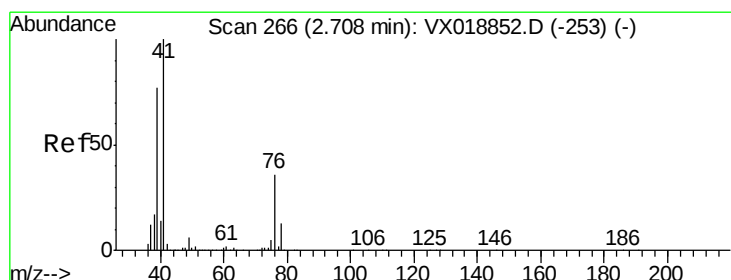
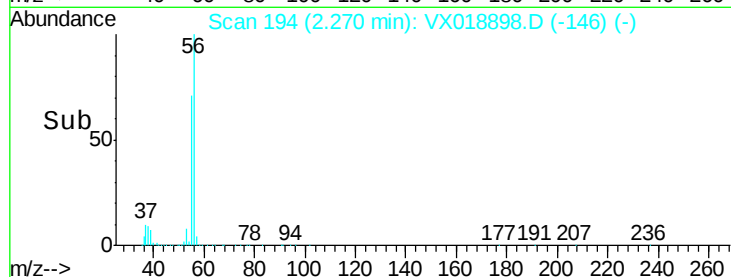
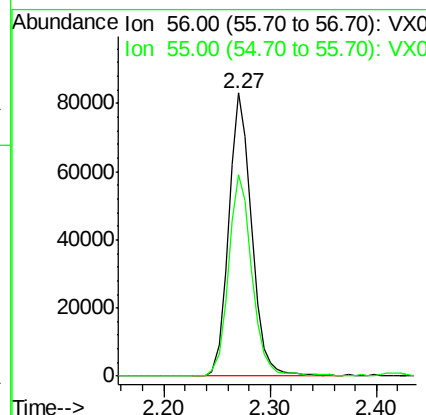
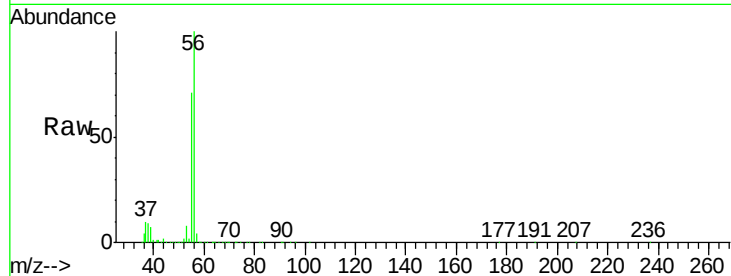
#13
Acrolein
Concen: 248.797 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.0	58.6	87.8

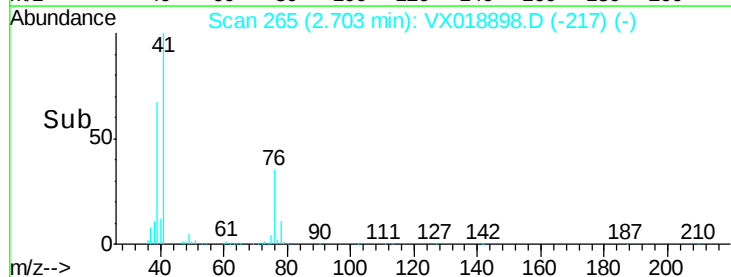
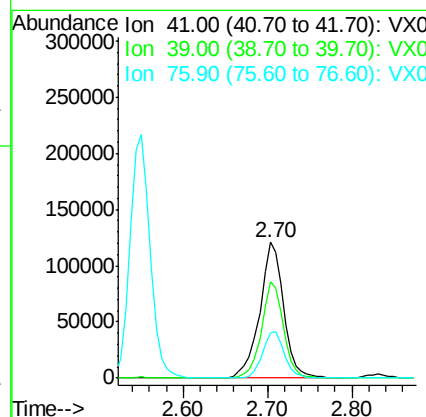
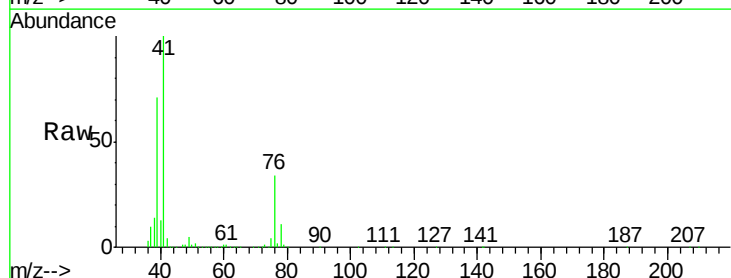
Manual Integrations
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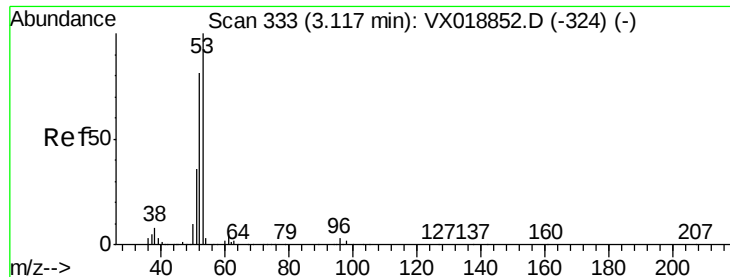
MMDadoda
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#14
Allyl chloride
Concen: 53.426 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.6	57.8	86.8
76	31.4	26.8	40.2





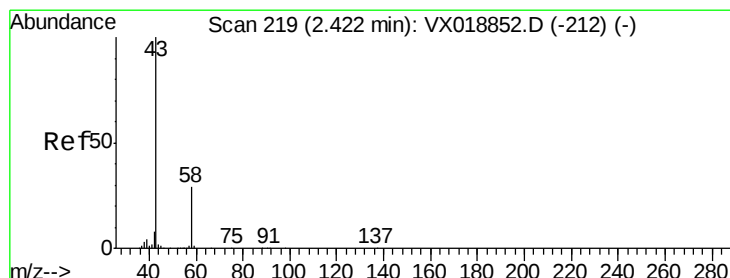
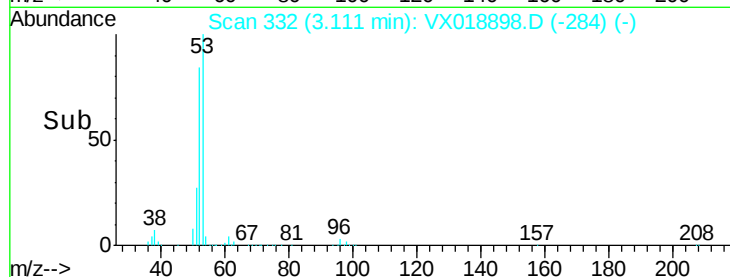
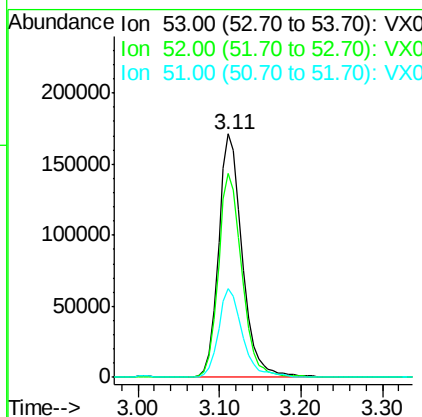
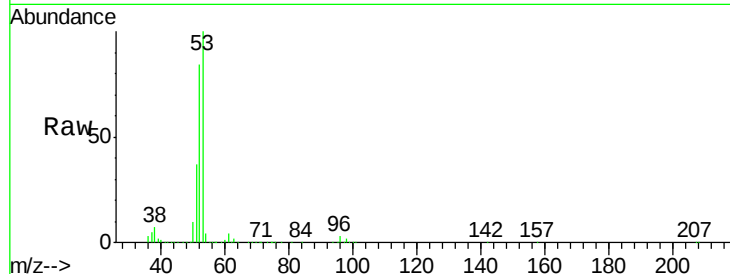
#15
 Acrylonitrile
 Concen: 268.696 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.7	100.1
51	37.0	30.3	45.5

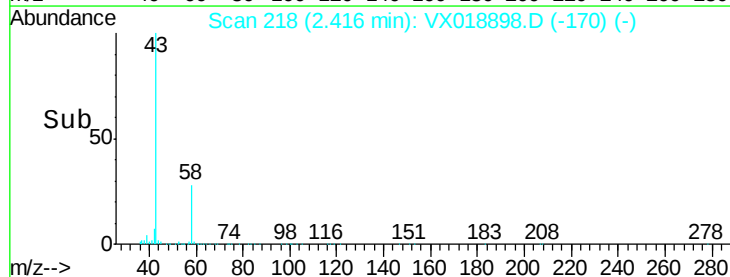
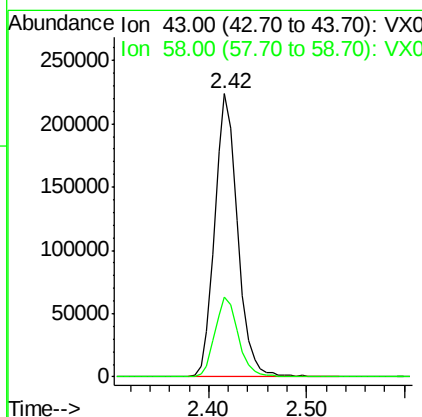
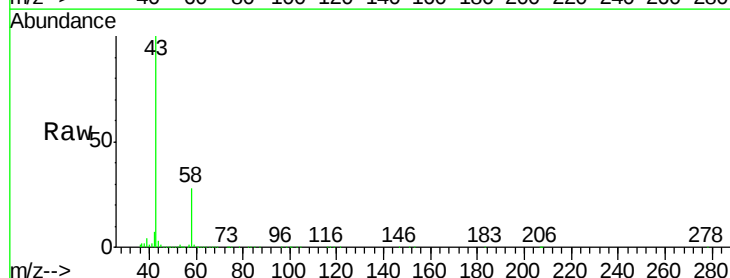
Manual Integrations
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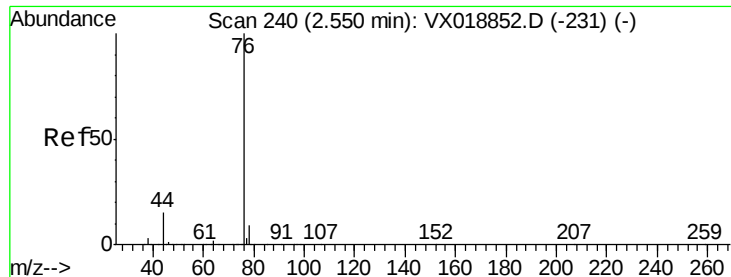
MMDadoda
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#16
 Acetone
 Concen: 248.231 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.0	34.4





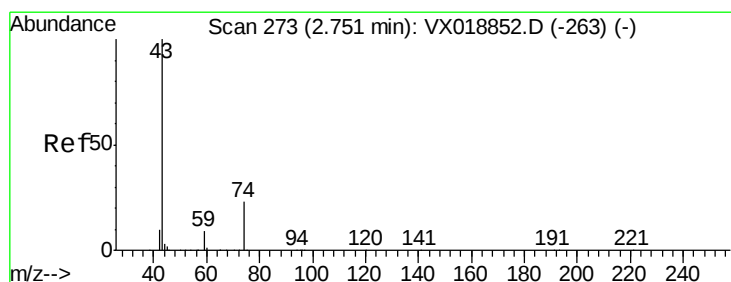
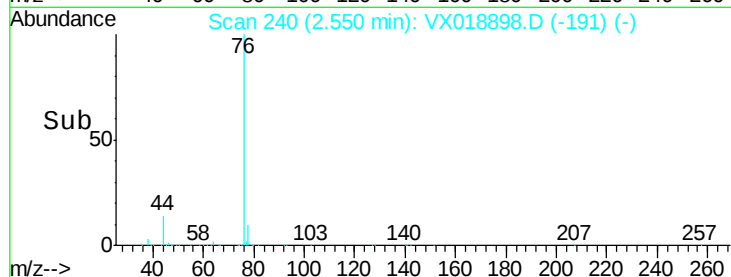
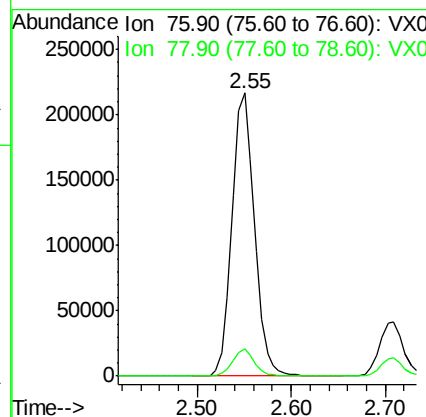
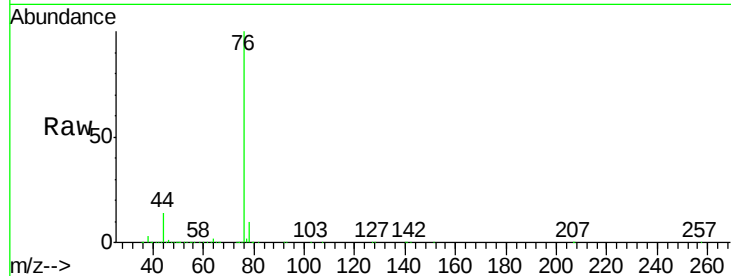
#17
Carbon Disulfide
Concen: 50.918 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

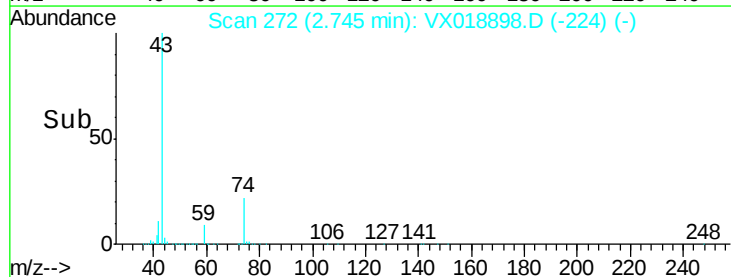
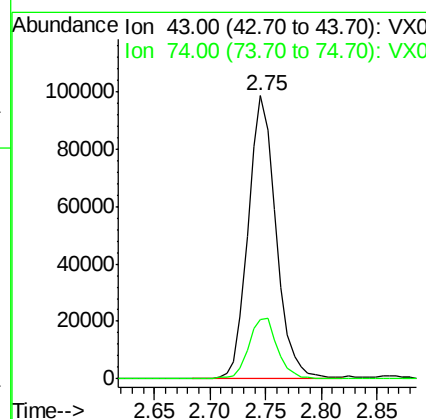
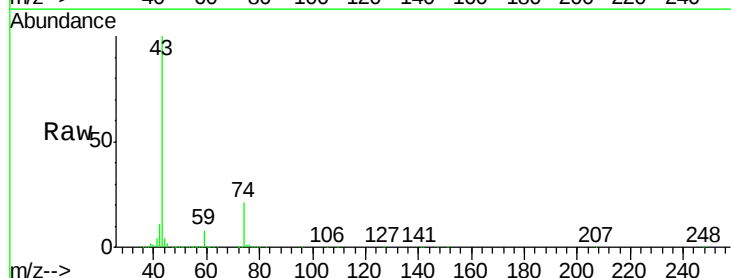
Manual Integrations
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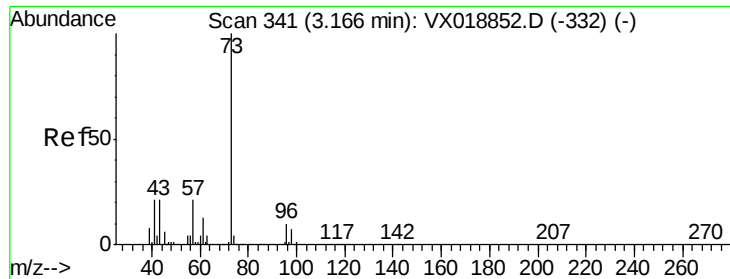
MMDadoda
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#18
Methyl Acetate
Concen: 53.433 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.9	28.3





#19

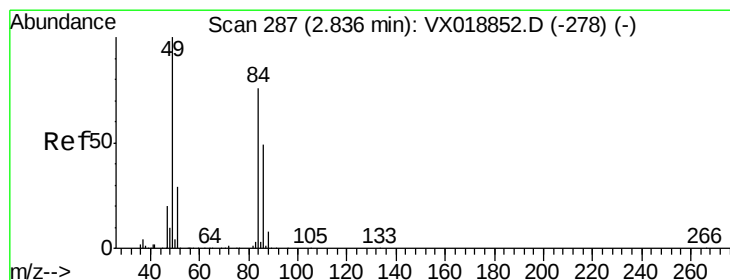
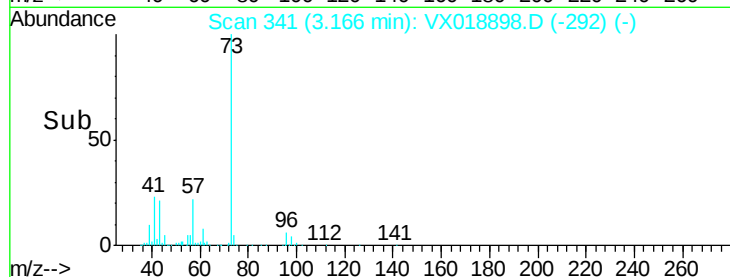
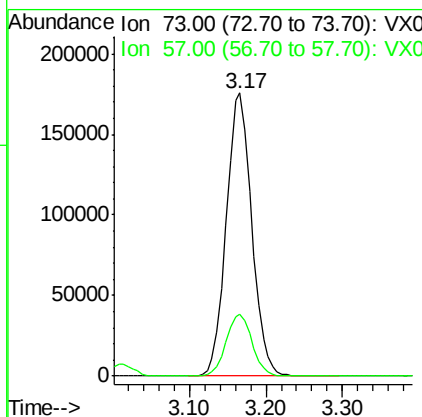
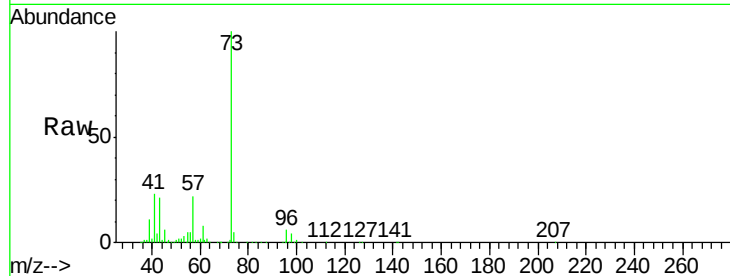
Methyl tert-butyl Ether
 Concen: 50.015 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	73	Resp	404250
Ion Ratio	Lower	Upper	
73	100		
57	21.7	16.7	25.1

Manual Integrations
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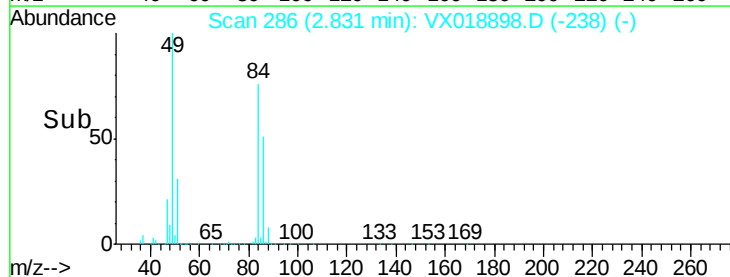
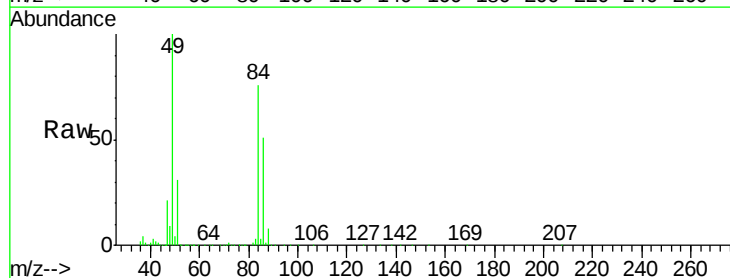
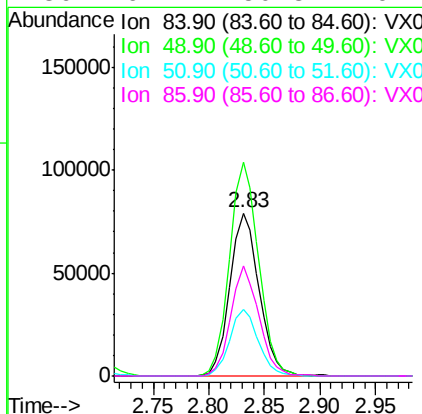
MMDadoda
 10/13/2020 2:19:13 PM

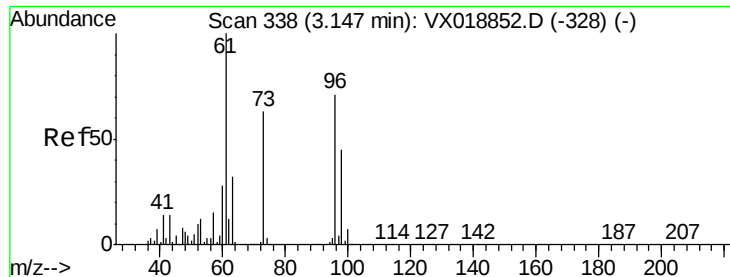


#20

Methylene Chloride
 Concen: 52.471 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion	84	Resp	144155
Ion Ratio	Lower	Upper	
84	100		
49	131.0	104.8	157.2
51	41.2	30.6	46.0
86	67.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 50.467 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

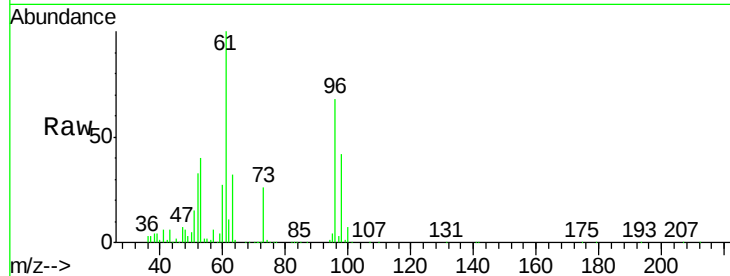
ClientSampleId :

VSTDCCC050

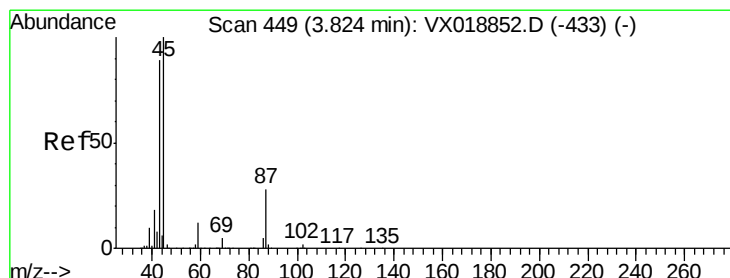
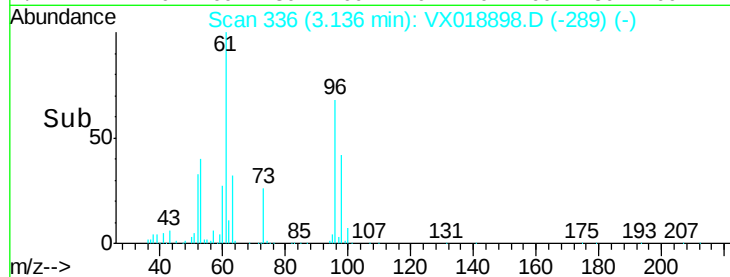
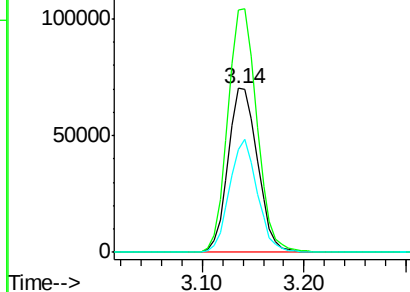
Tot Ion:	96	Resp:	141107
Ion	Ratio	Lower	Upper
96	100		
61	147.5	112.0	168.0
98	62.5	50.2	75.2

Manual Integrations
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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: 55.551 ug/l

RT: 3.82 min Scan# 448

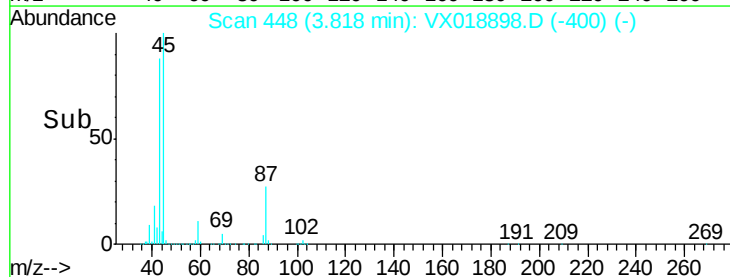
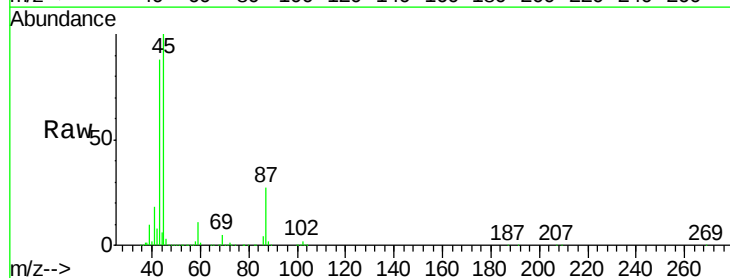
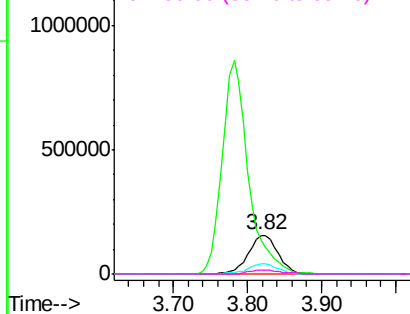
Delta R.T. -0.01 min

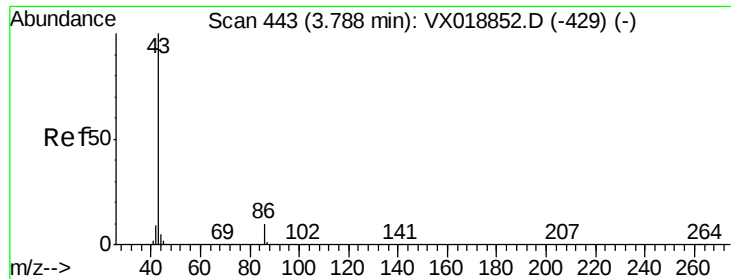
Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Tgt Ion:	45	Resp:	434533
Ion	Ratio	Lower	Upper
45	100		
43	87.6	71.2	106.8
87	27.1	22.5	33.7
59	11.2	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: 280.530 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2110438

Ion Ratio Lower Upper

43 100

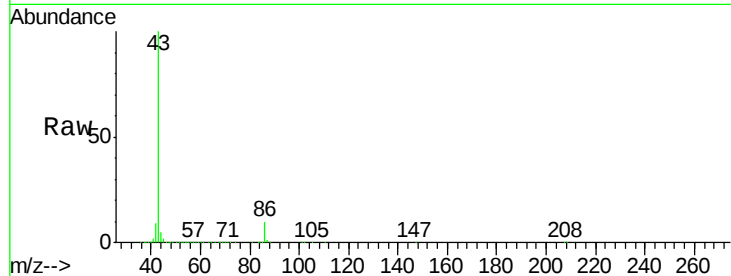
86 10.3 8.3 12.5

Manual Integrations

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MMDadoda

10/13/2020 2:19:13 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

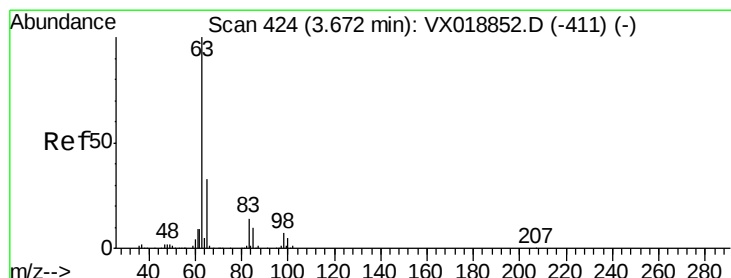
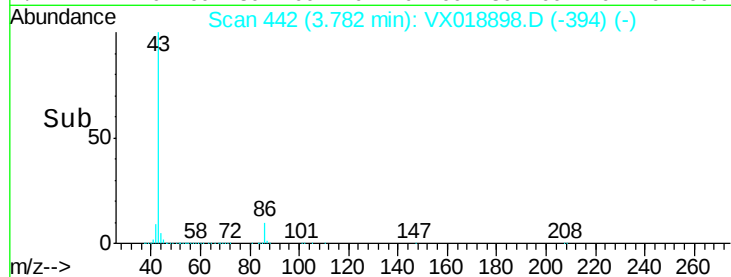
400000

200000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.635 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

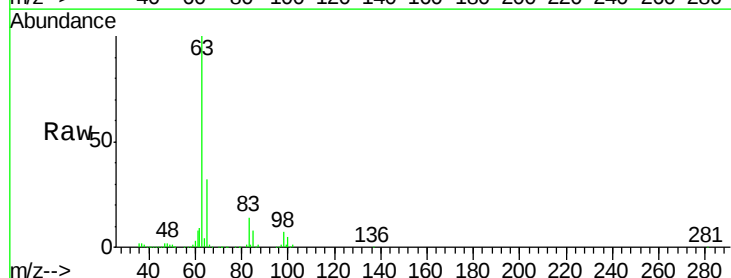
Tgt Ion: 63 Resp: 266302

Ion Ratio Lower Upper

63 100

98 6.7 3.8 11.2

100 4.5 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

150000

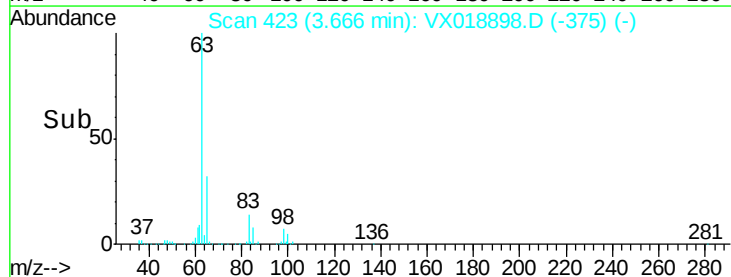
100000

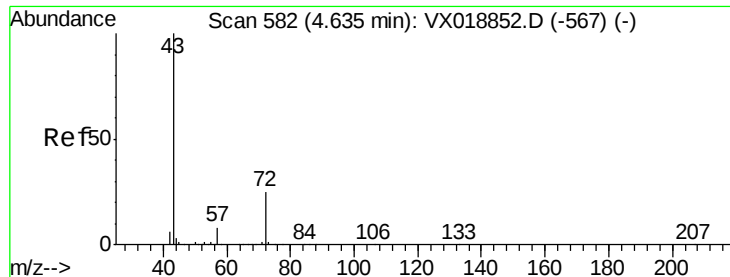
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 261.175 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 544607

Ion Ratio Lower Upper

43 100

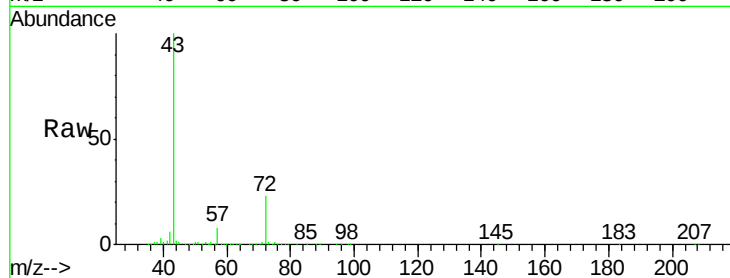
72 22.7 20.2 30.4

Manual Integrations

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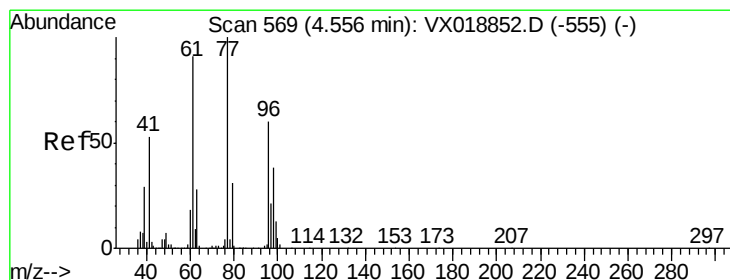
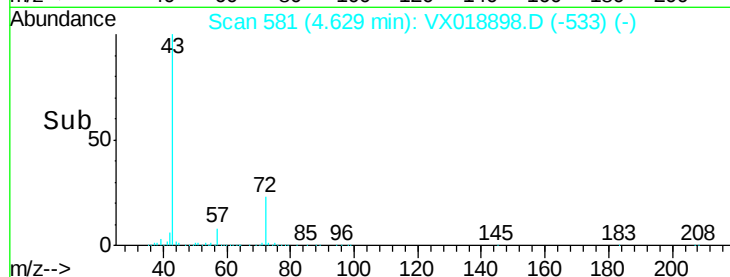
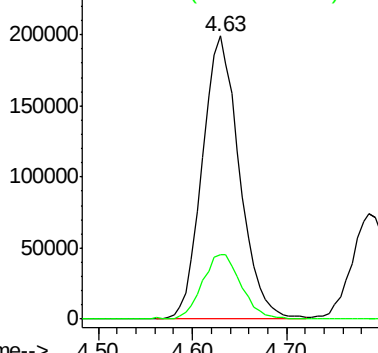
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.352 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018898.D

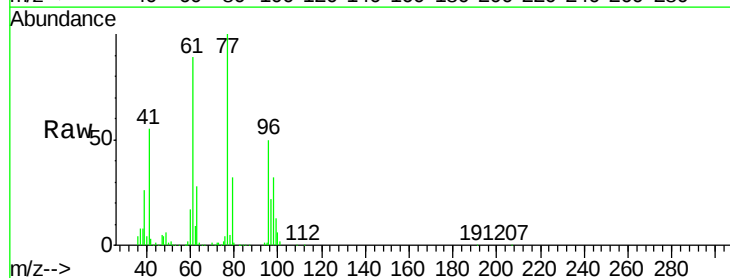
Acq: 12 Oct 2020 12:35

Tgt Ion: 77 Resp: 225058

Ion Ratio Lower Upper

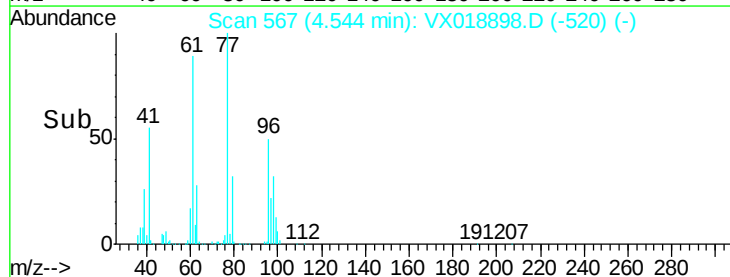
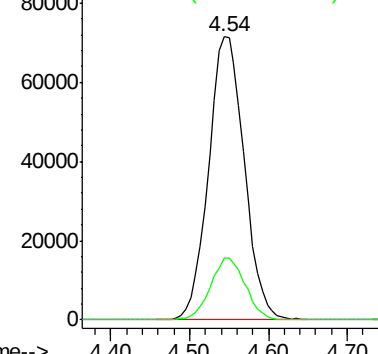
77 100

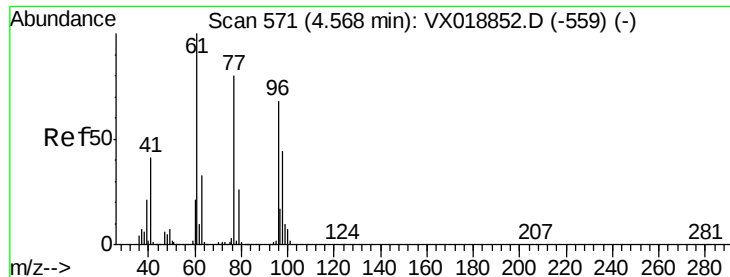
97 21.4 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

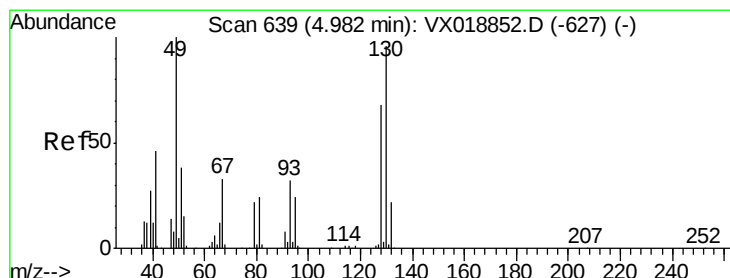
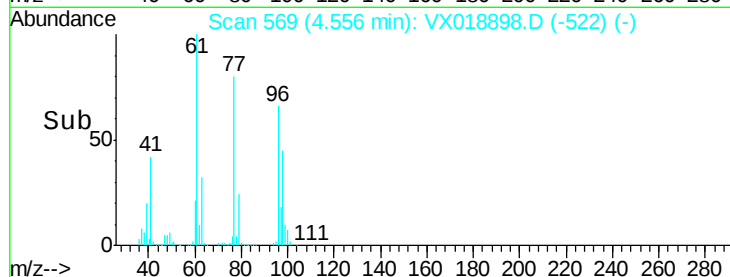
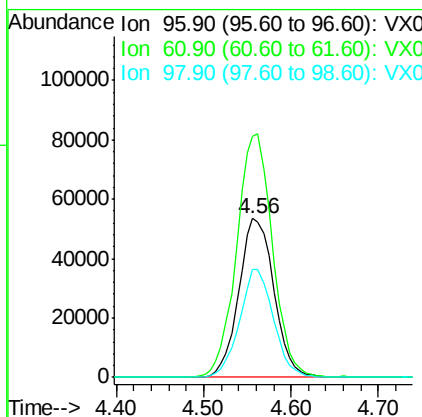
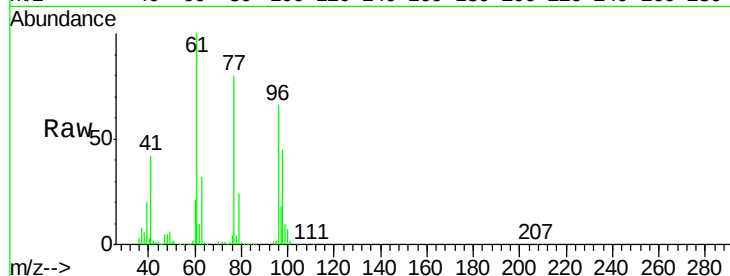
cis-1,2-Dichloroethene
Concen: 48.209 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	149689		
61	156.5	0.0	306.8	
98	65.6	0.0	130.2	

Manual Integrations
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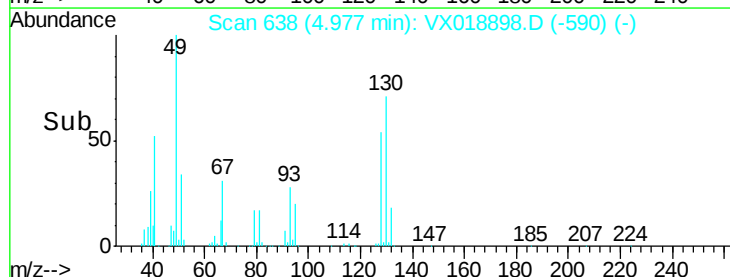
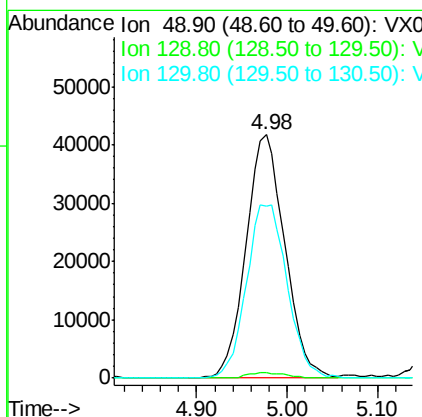
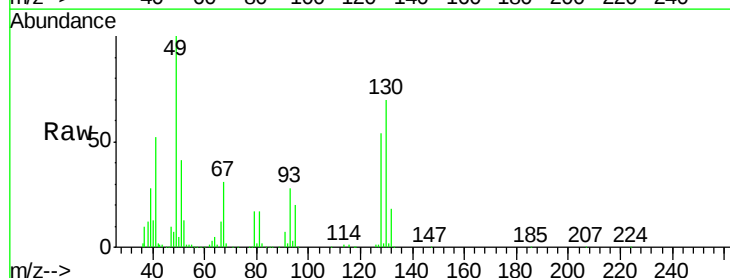
MMDadoda
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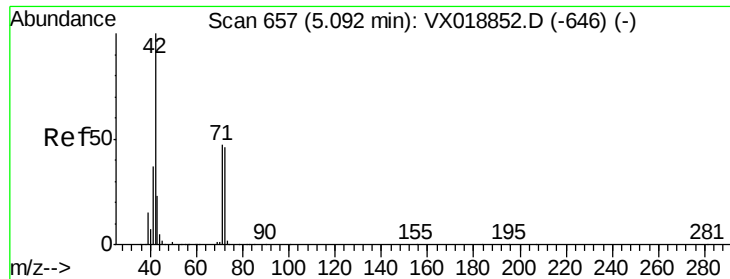


#28

Bromochloromethane
Concen: 53.161 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	123713		
129	2.2	0.0	5.4	
130	74.8	71.2	106.8	





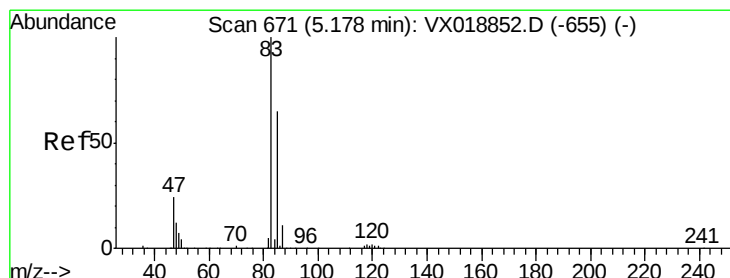
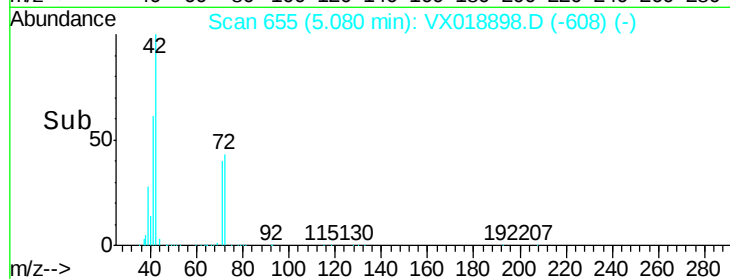
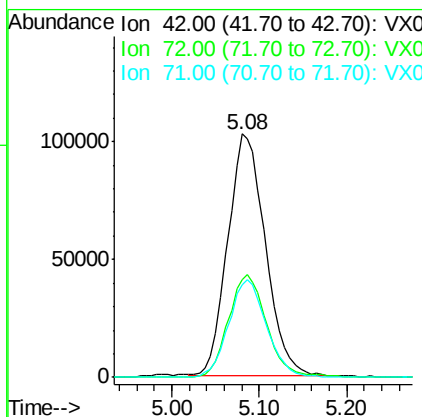
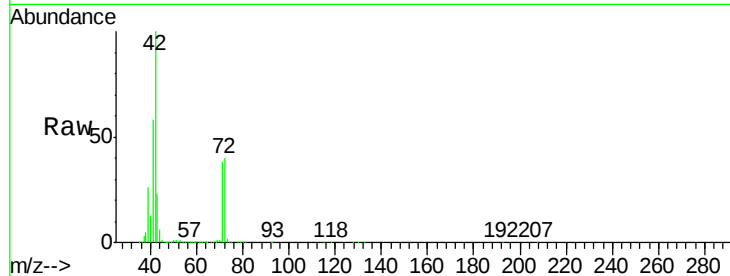
#29
Tetrahydrofuran
Concen: 273.755 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	36.4	54.6
71	40.9	35.2	52.8

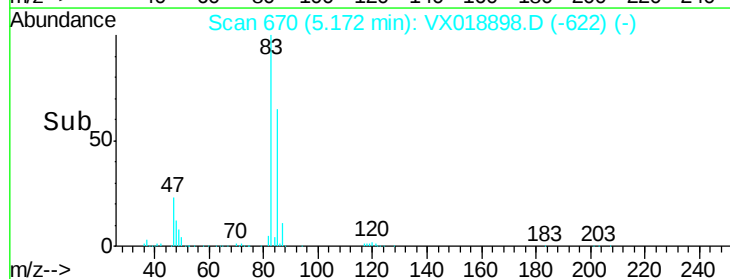
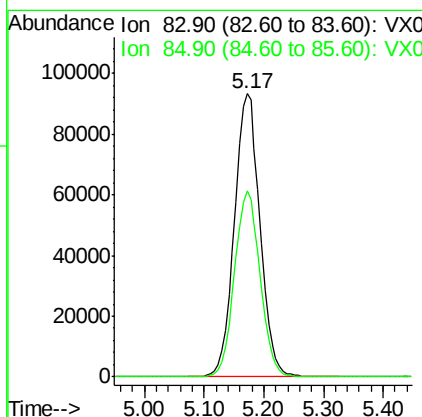
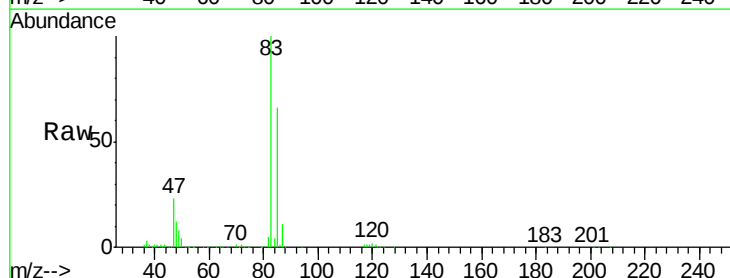
Manual Integrations
APPROVED

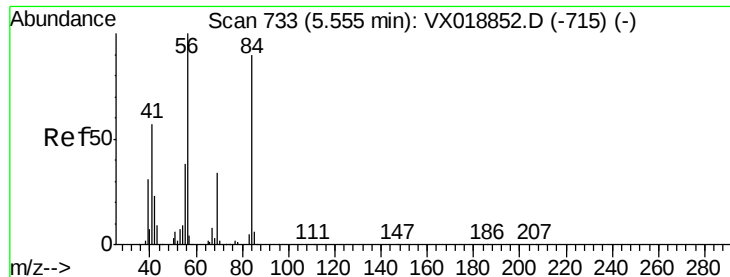
MMDadoda
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#30
Chloroform
Concen: 47.999 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.8	77.8





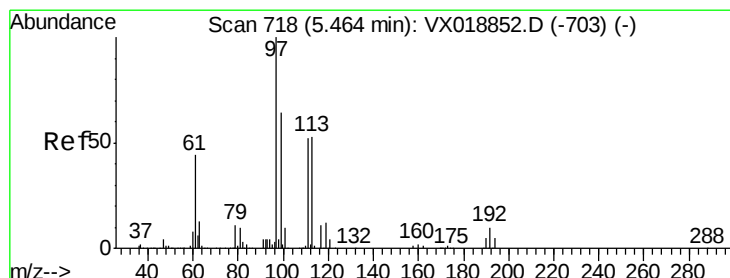
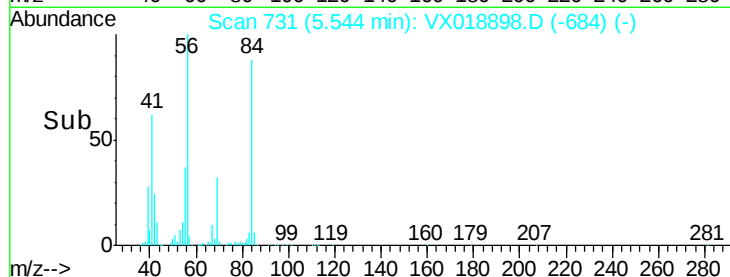
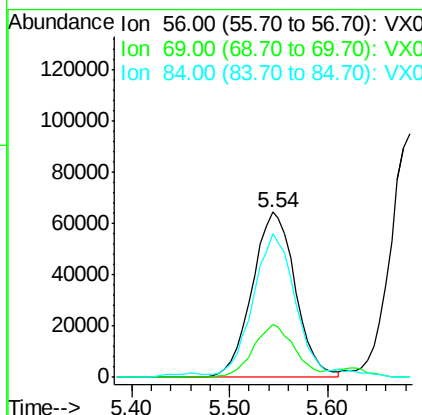
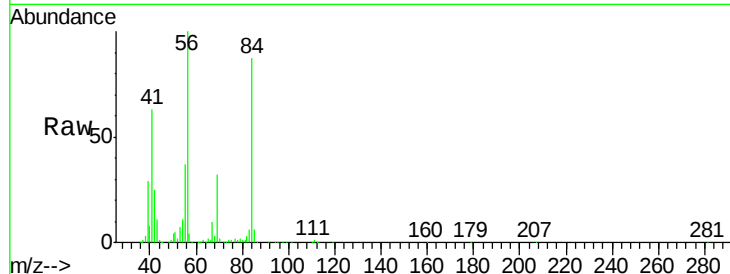
#31
Cyclohexane
Concen: 54.976 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.1	27.1	40.7	
84	84.9	71.7	107.5	

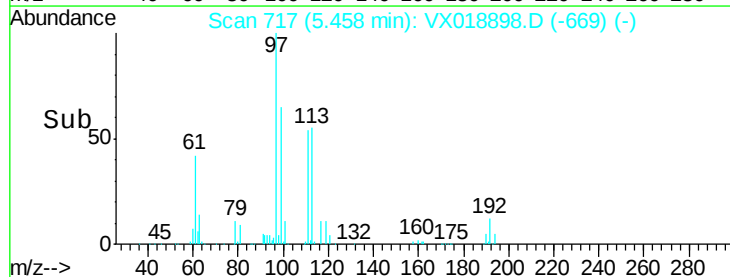
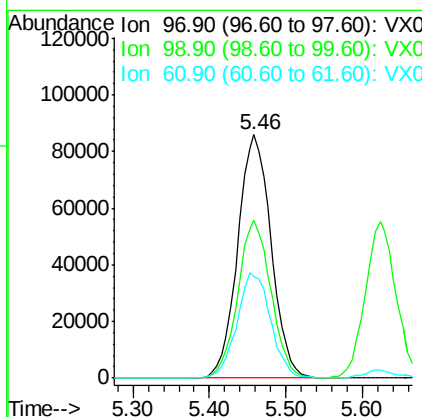
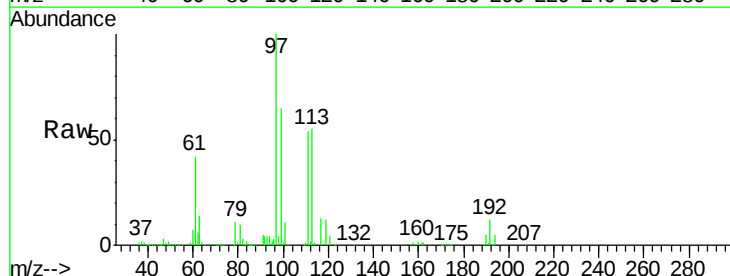
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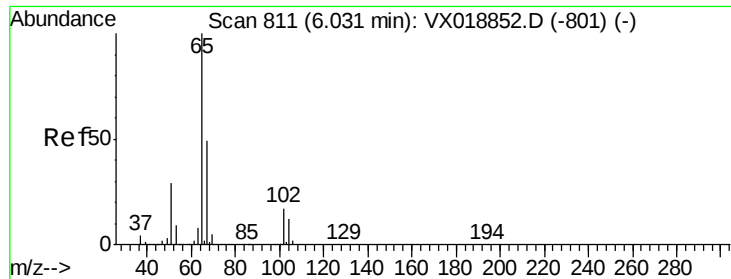
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#32
1,1,1-Trichloroethane
Concen: 47.259 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.1	52.1	78.1	
61	43.7	35.3	52.9	





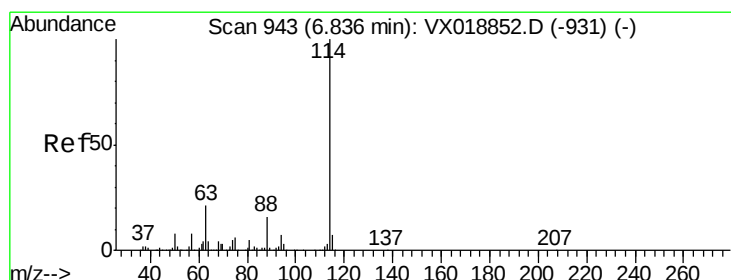
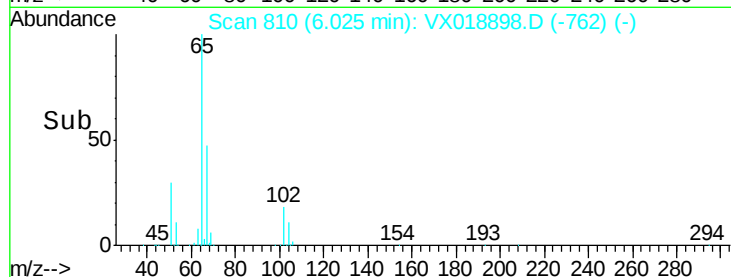
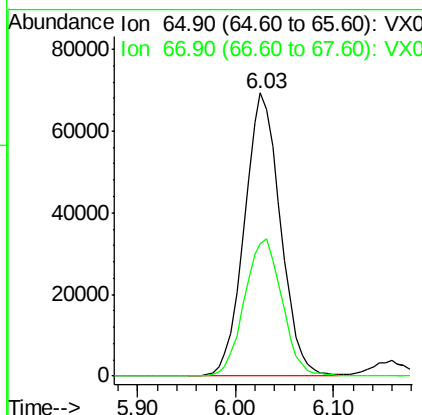
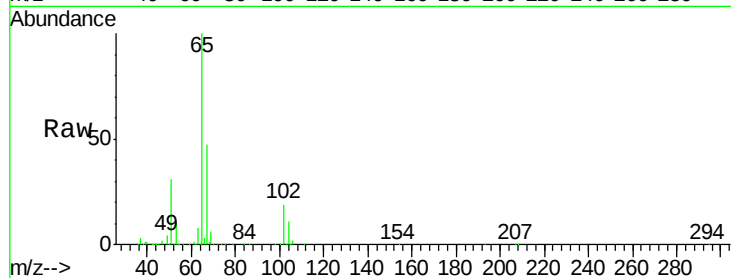
#33
 1,2-Dichloroethane-d4
 Concen: 45.916 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	176768		
67	50.8	0.0	97.0	

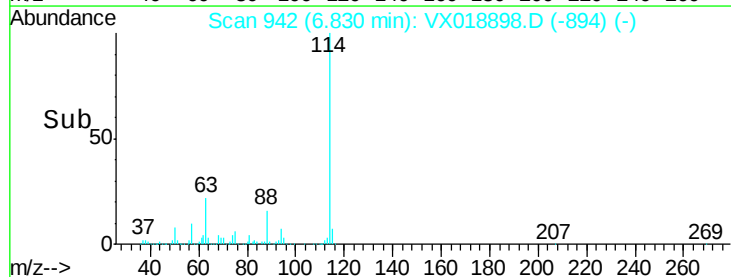
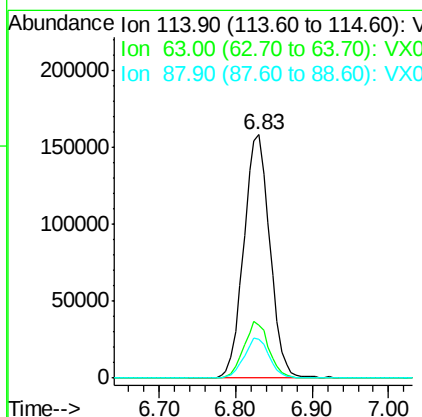
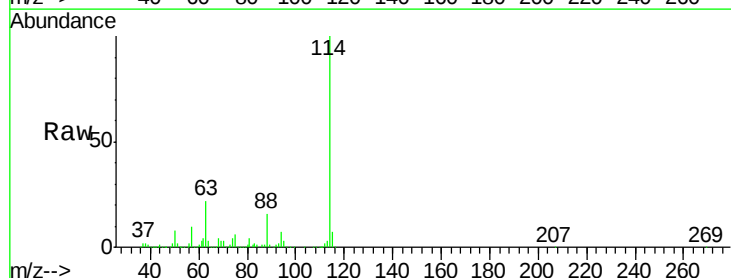
Manual Integrations
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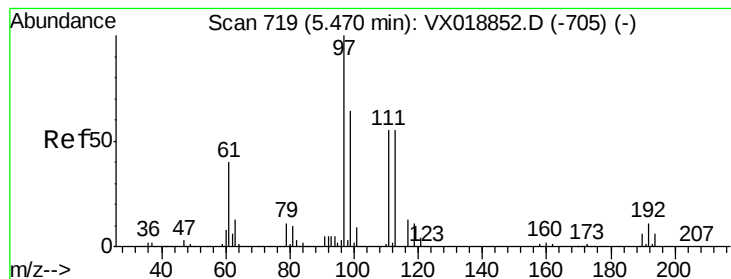
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	375660		
63	21.9	0.0	42.4	
88	16.1	0.0	32.6	





#35

Dibromofluoromethane

Concen: 49.328 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

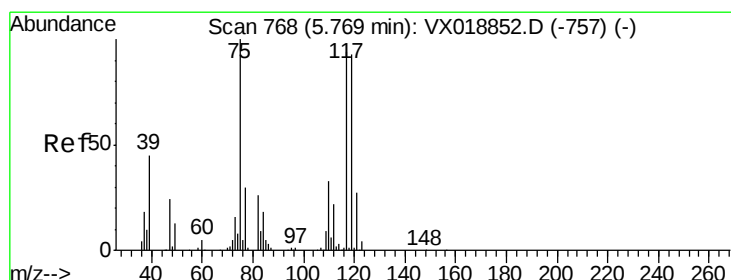
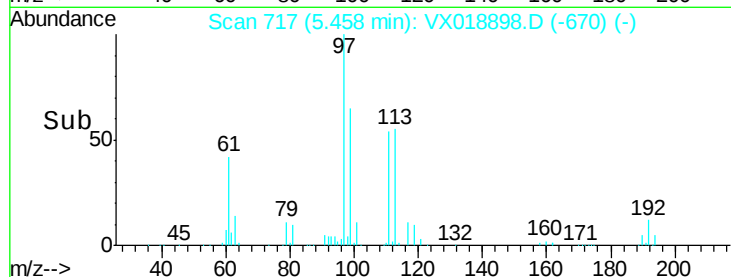
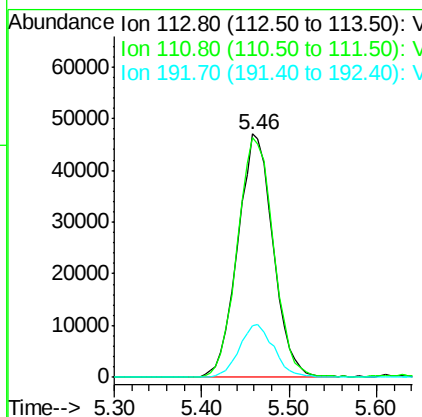
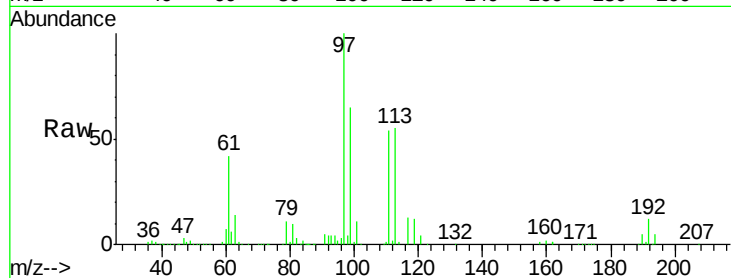
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	132061
Ion Ratio	Lower	Upper	
113	100		
111	101.2	80.1	120.1
192	21.3	16.0	24.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.415 ug/l

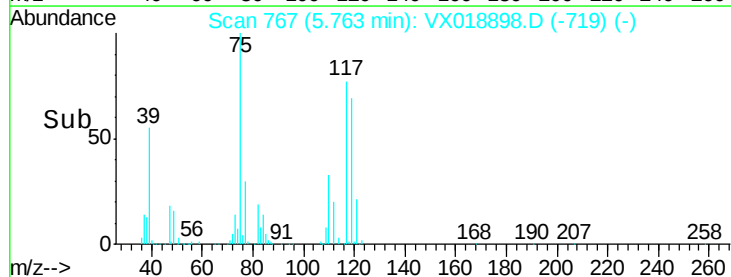
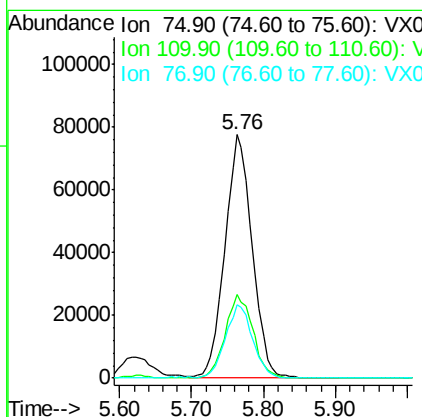
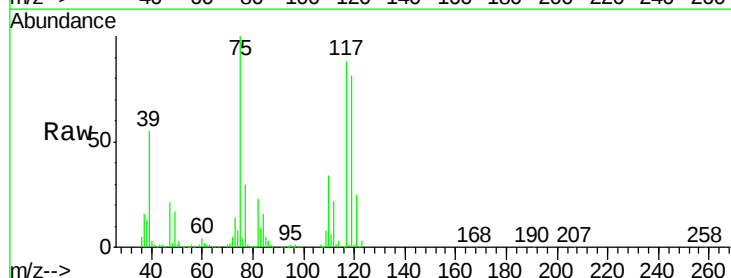
RT: 5.76 min Scan# 767

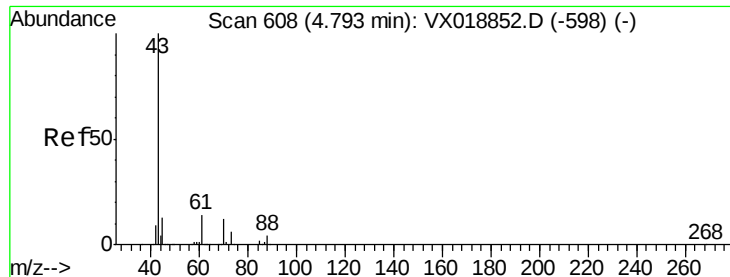
Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Tgt Ion:	75	Resp:	203073
Ion Ratio	Lower	Upper	
75	100		
110	35.1	17.8	53.5
77	30.0	24.2	36.4





#37

Ethyl Acetate

Concen: 56.170 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

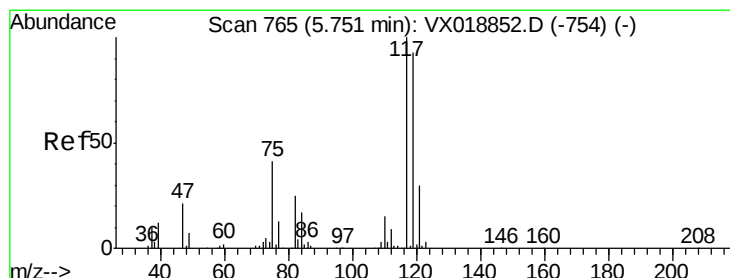
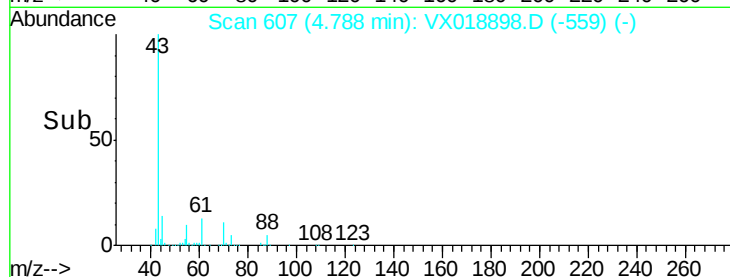
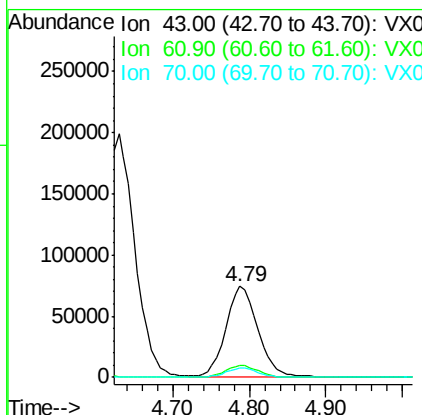
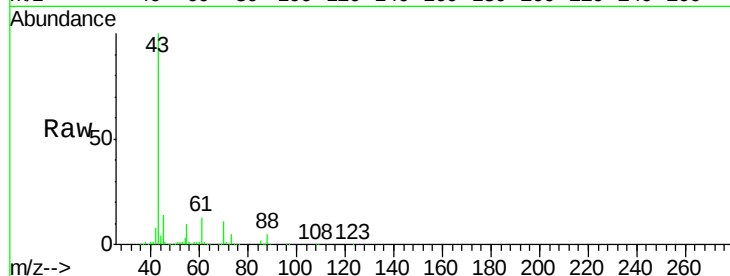
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	214244
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.9	16.3
70	10.6	8.6	13.0

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#38

Carbon Tetrachloride

Concen: 49.166 ug/l

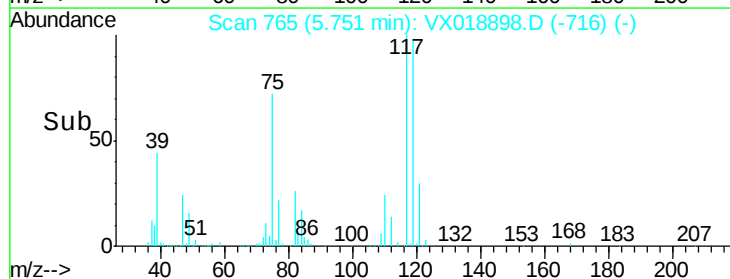
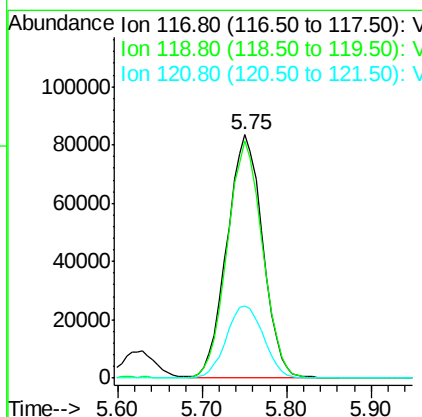
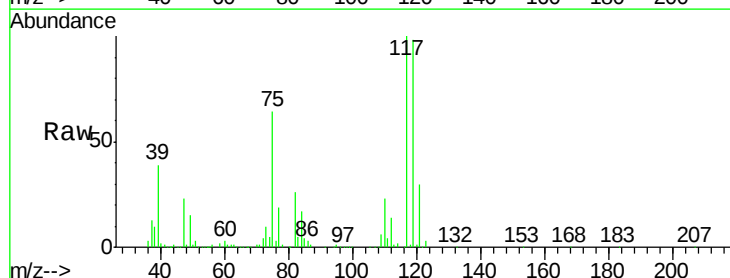
RT: 5.75 min Scan# 765

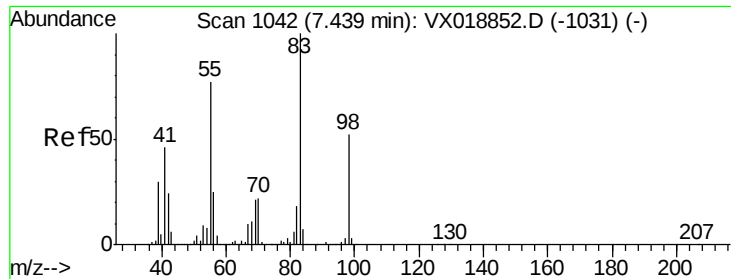
Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Tgt Ion:	117	Resp:	240690
Ion	Ratio	Lower	Upper
117	100		
119	97.5	73.9	110.9
121	29.5	23.6	35.4





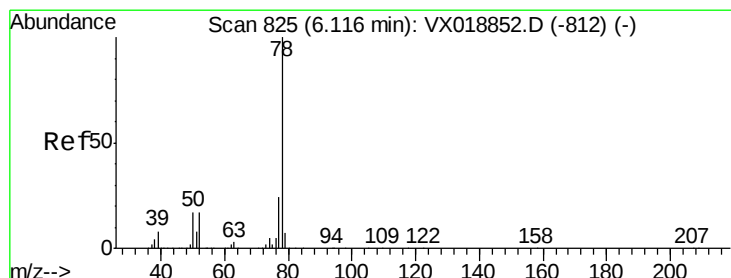
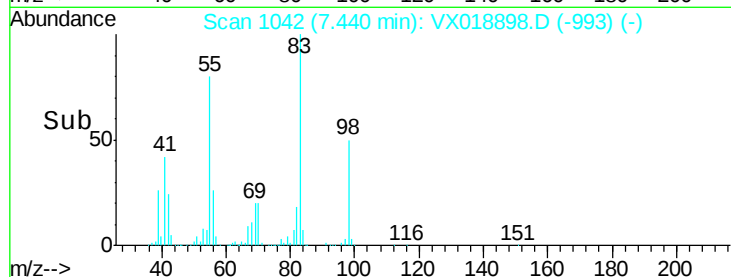
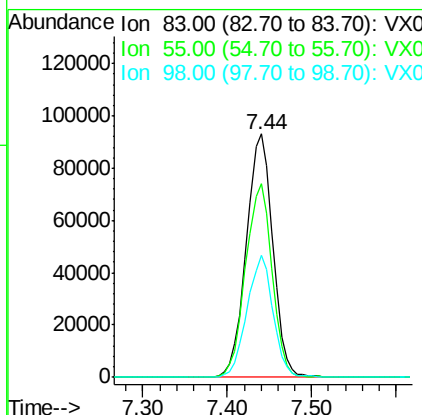
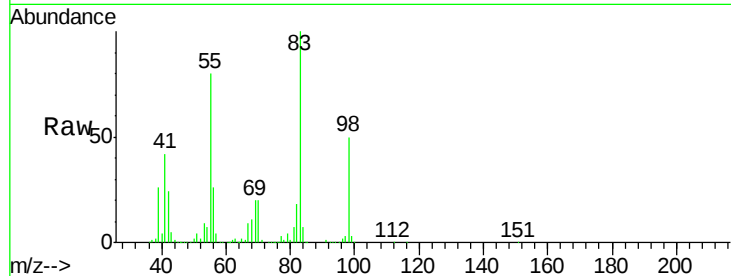
#39
Methvlcvclohexane
Concen: 54.179 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	61.8	92.6
98	49.8	41.4	62.0

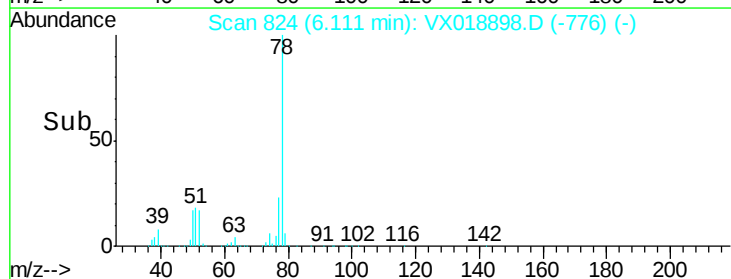
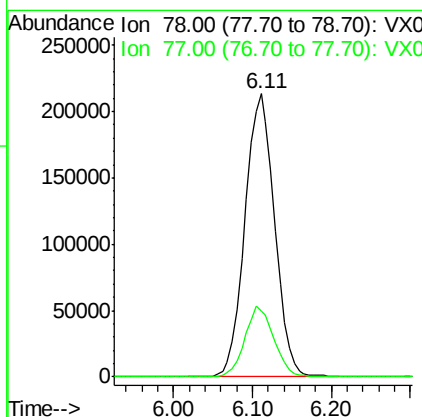
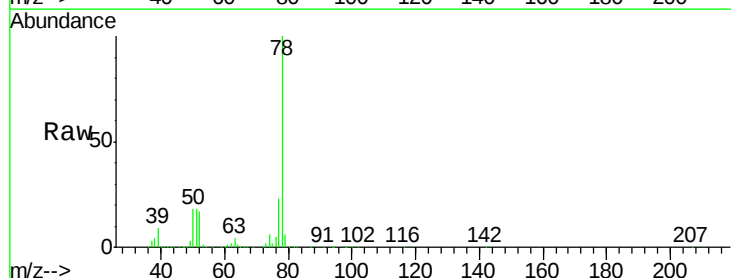
Manual Integrations
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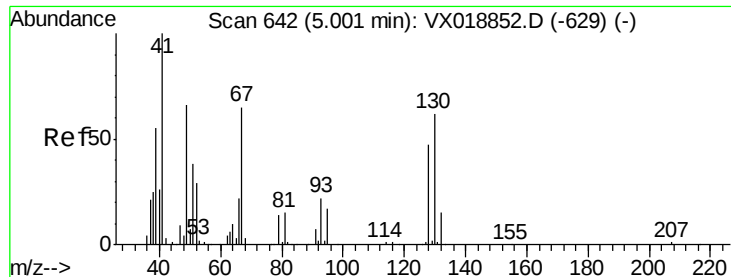
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#40
Benzene
Concen: 52.384 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.1	28.7





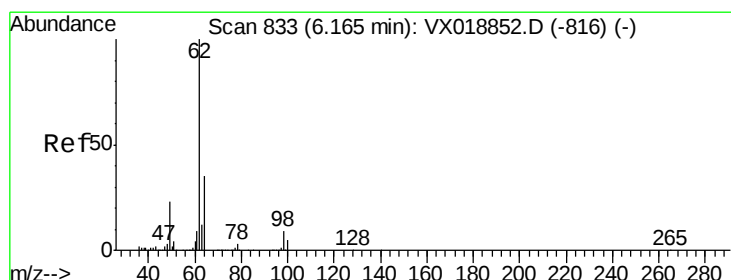
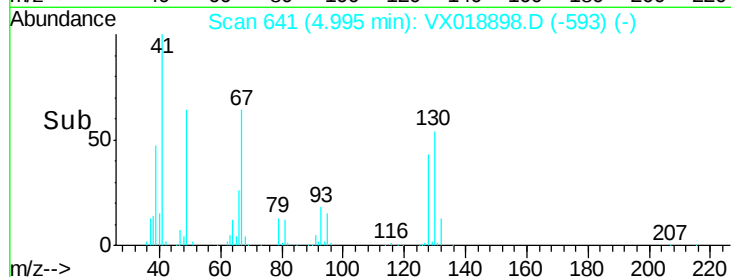
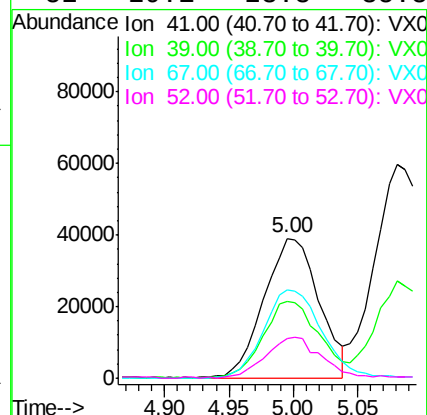
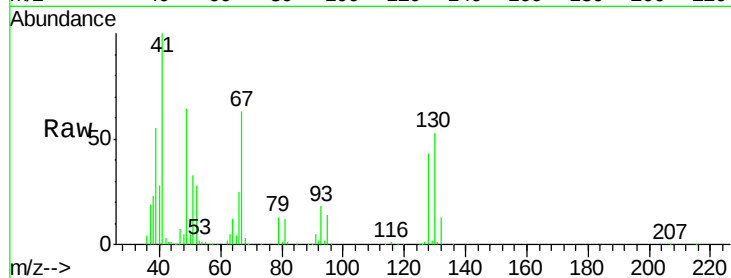
#41
Methacrylonitrile
Concen: 52.348 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.1	45.4	68.2	
67	67.4	55.4	83.2	
52	29.1	23.8	35.8	

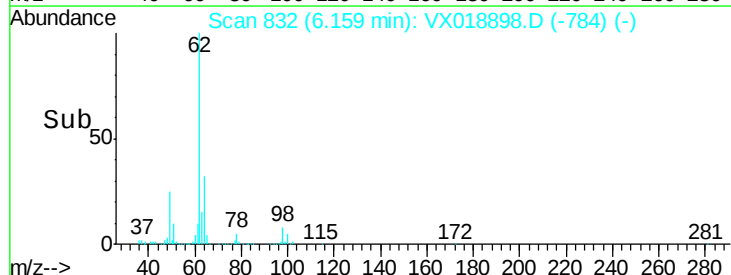
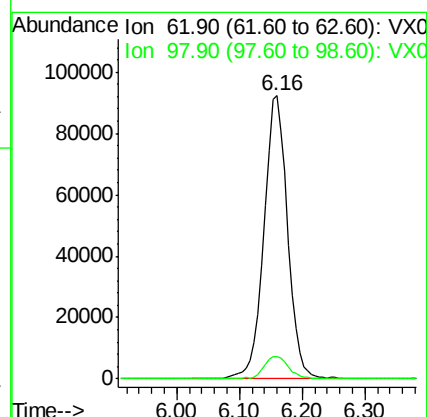
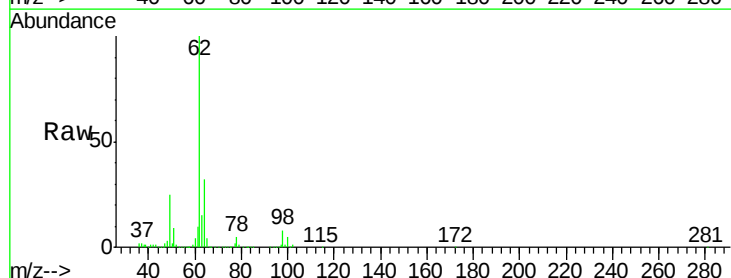
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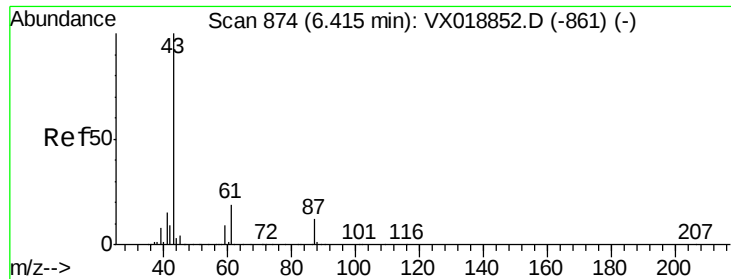
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#42
1,2-Dichloroethane
Concen: 48.163 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.4	





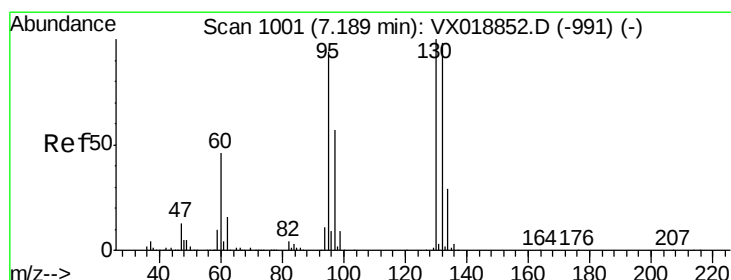
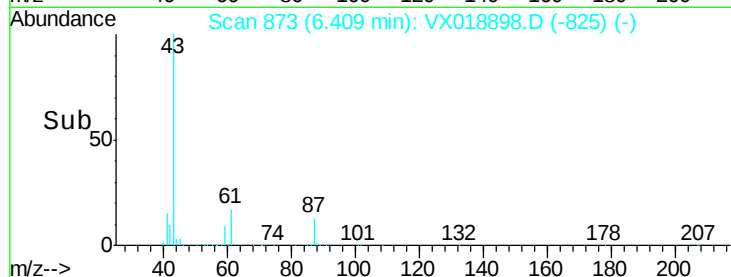
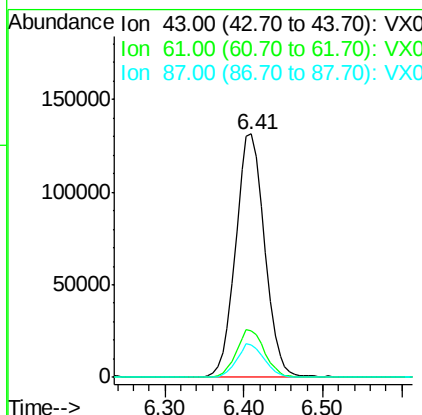
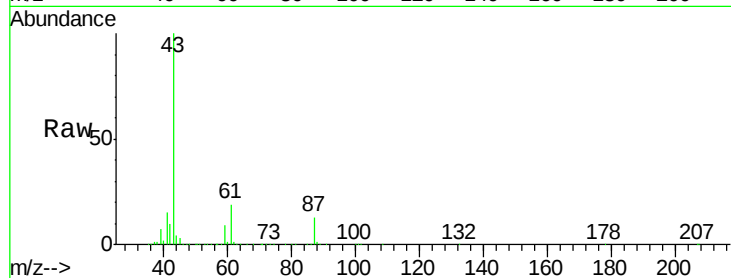
#43
Isopropyl Acetate
Concen: 52.835 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.5	23.3
87	13.0	10.8	16.2

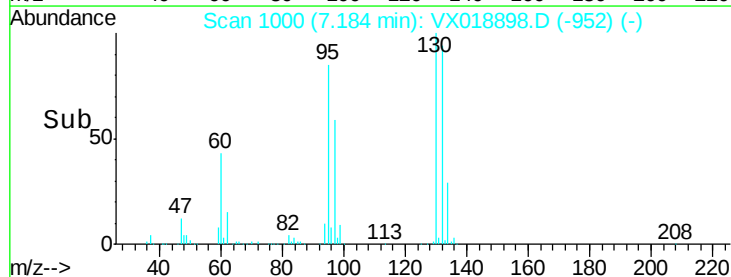
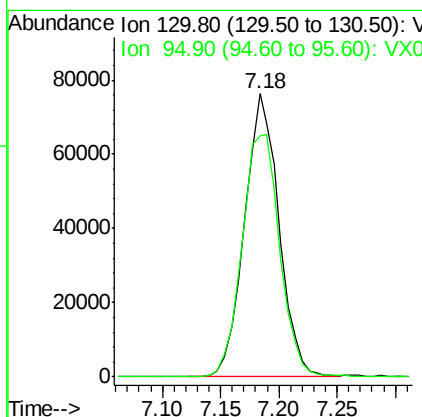
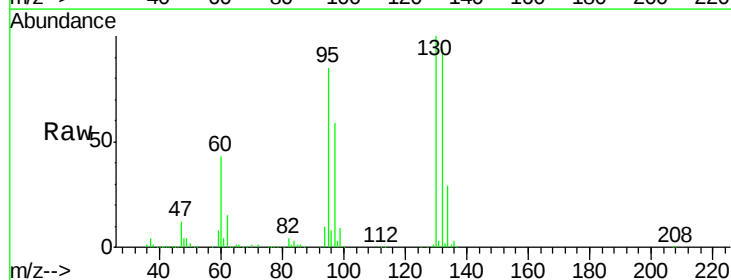
Manual Integrations
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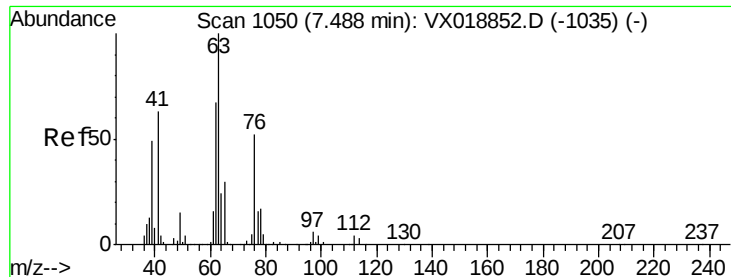
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#44
Trichloroethene
Concen: 49.324 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.1	0.0	188.4





#45

1,2-Dichloropropane

Concen: 53.159 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 149257

Ion Ratio Lower Upper

63 100

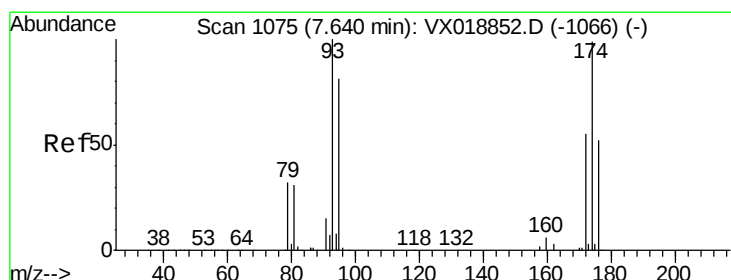
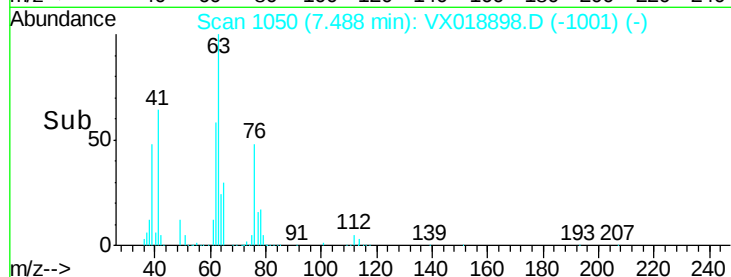
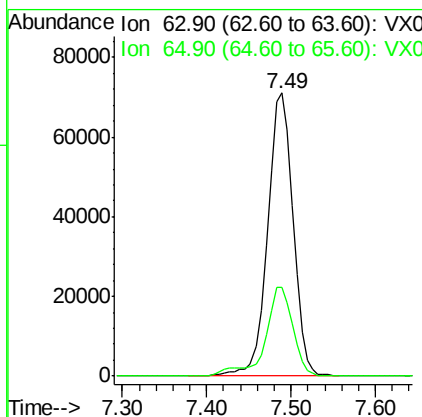
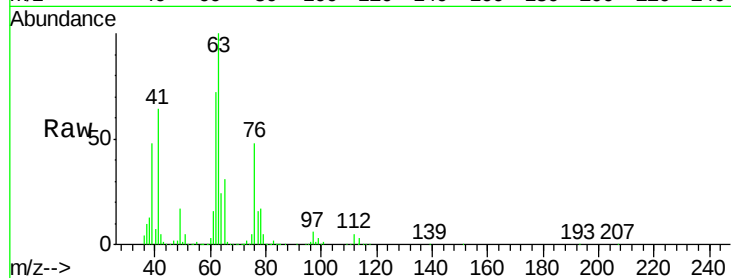
65 31.2 24.2 36.4

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#46

Dibromomethane

Concen: 49.328 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

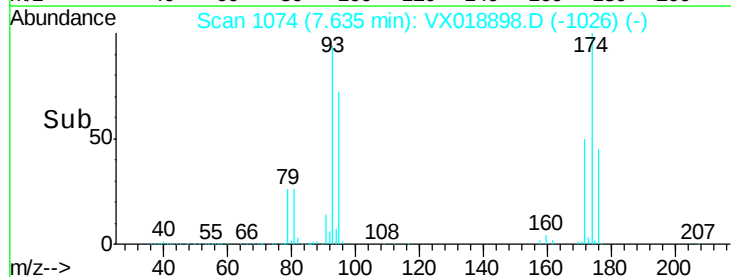
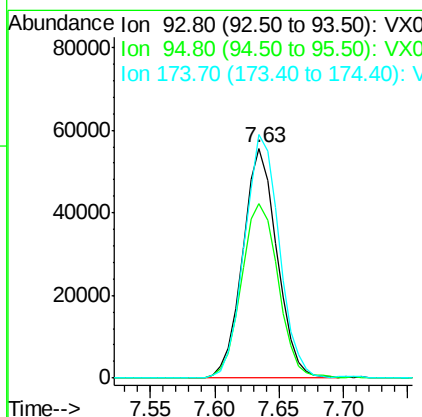
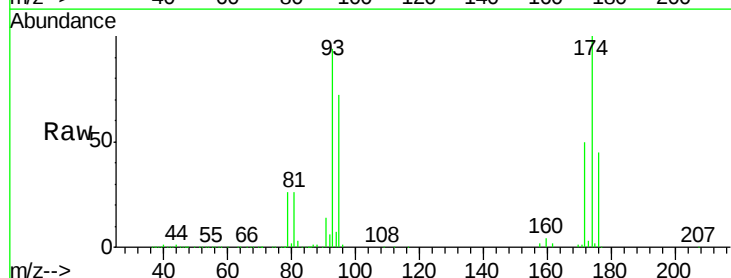
Tgt Ion: 93 Resp: 102352

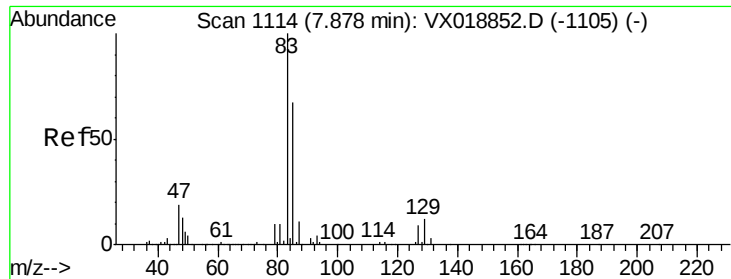
Ion Ratio Lower Upper

93 100

95 81.8 66.1 99.1

174 107.7 84.6 127.0





#47

Bromodichloromethane

Concen: 50.915 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

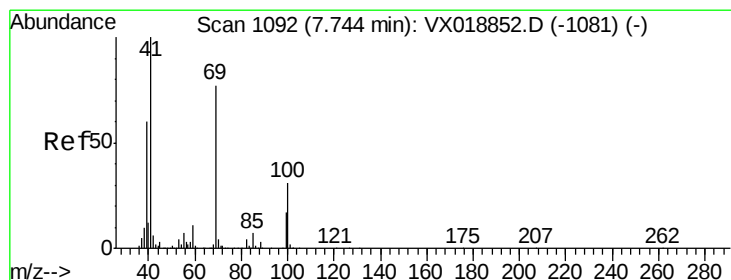
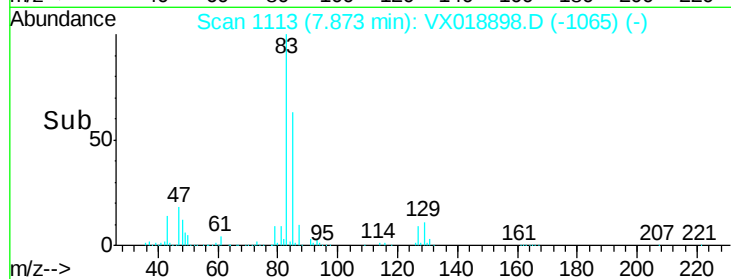
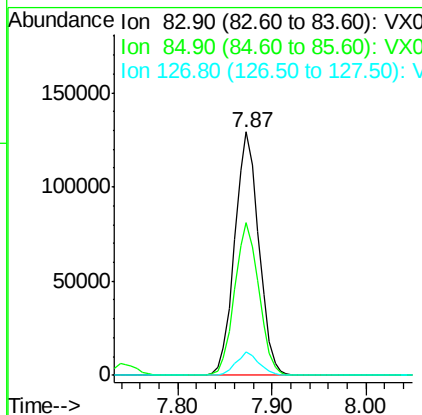
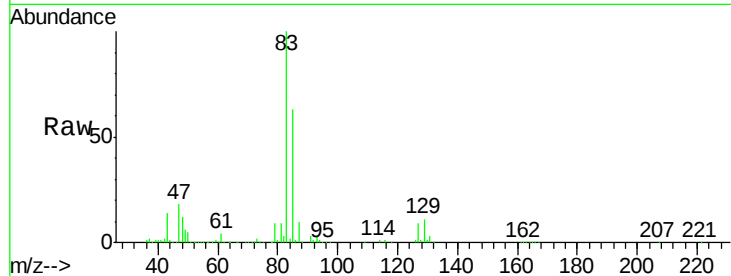
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	228933
Ion Ratio	Lower	Upper	
83	100		
85	62.7	53.8	80.6
127	9.4	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.623 ug/l

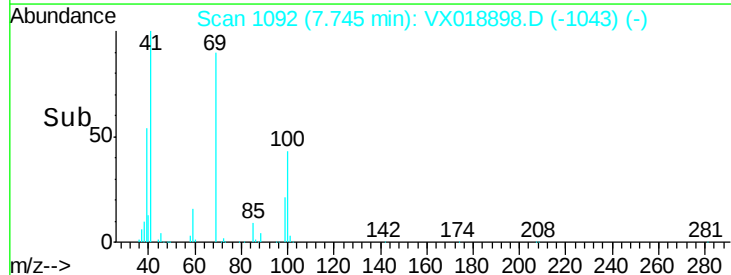
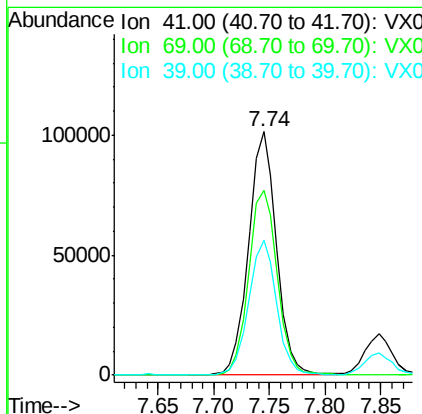
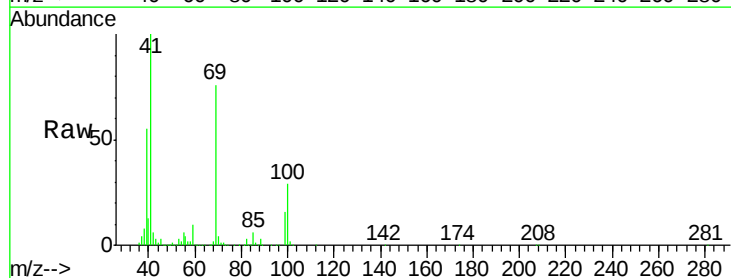
RT: 7.74 min Scan# 1092

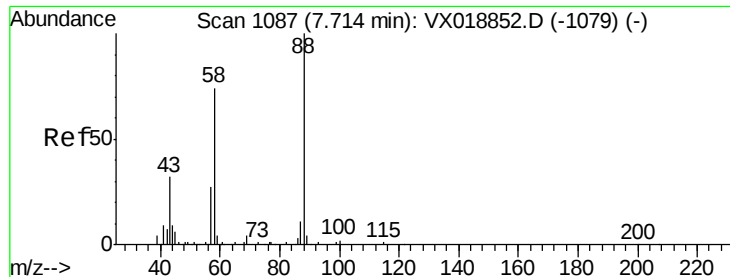
Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Tgt Ion:	41	Resp:	175689
Ion Ratio	Lower	Upper	
41	100		
69	78.9	64.6	97.0
39	55.2	48.6	73.0





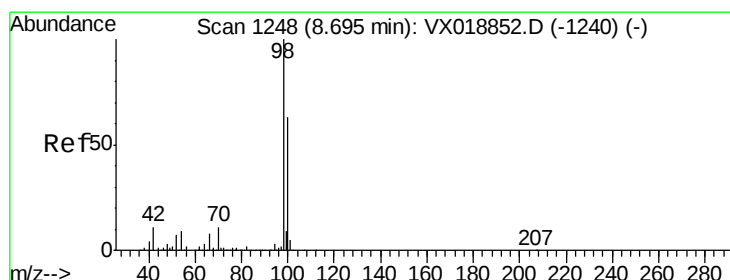
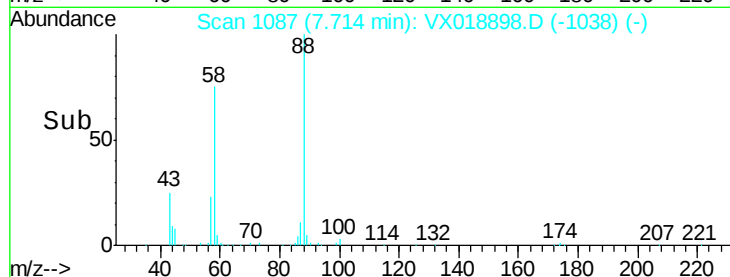
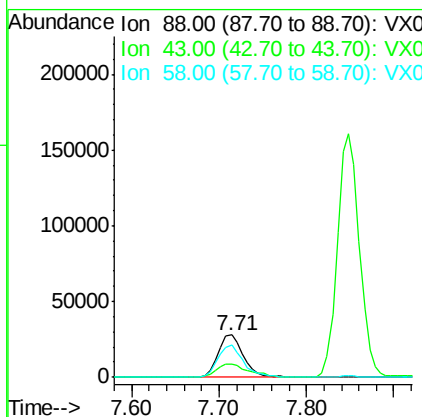
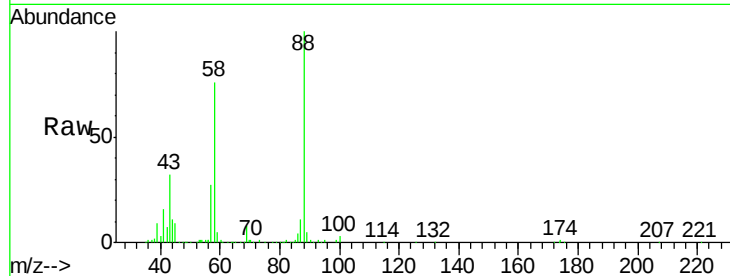
#49
1,4-Dioxane
Concen: 1251.927 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.2	31.0	46.6
58	75.7	59.3	88.9

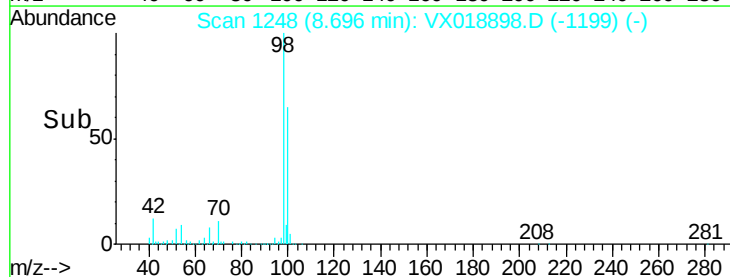
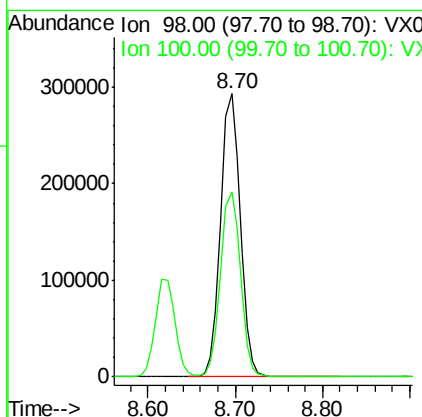
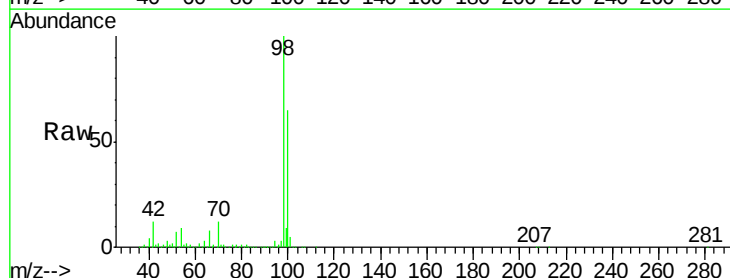
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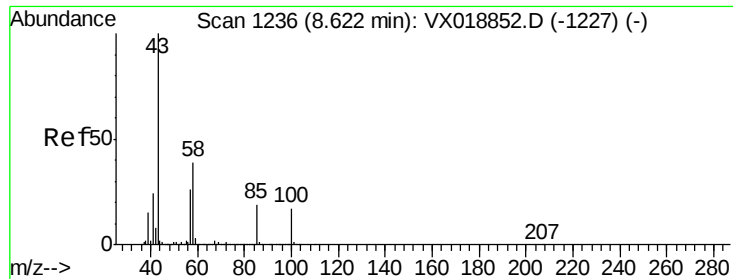
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#50
Toluene-d8
Concen: 49.239 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 267.393 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 989273

Ion Ratio Lower Upper

43 100

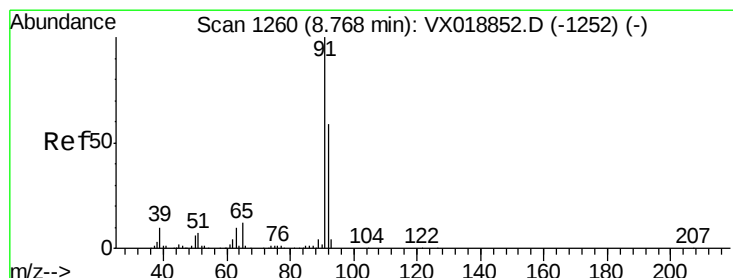
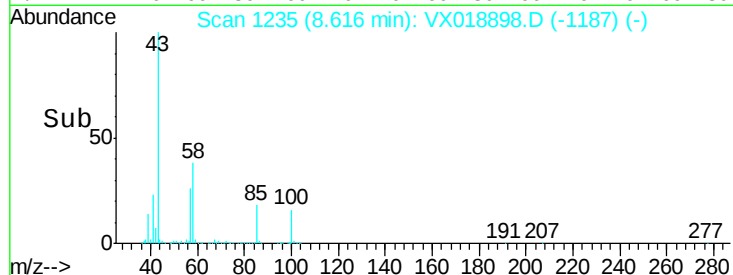
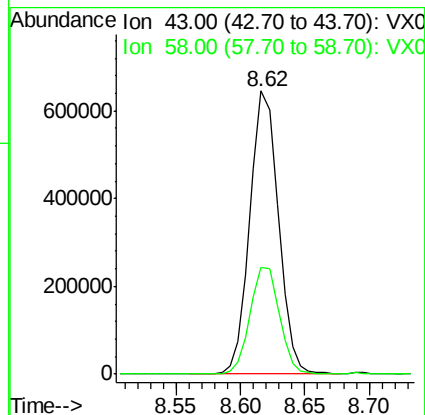
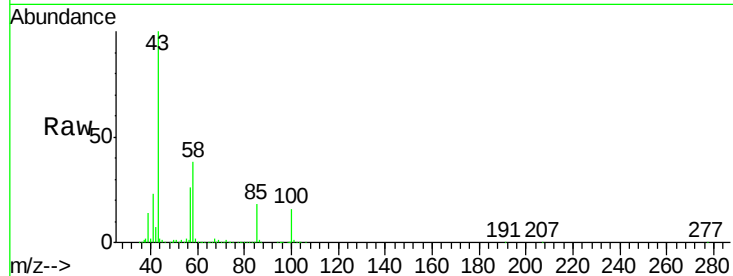
58 38.7 30.9 46.3

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#52

Toluene

Concen: 51.834 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018898.D

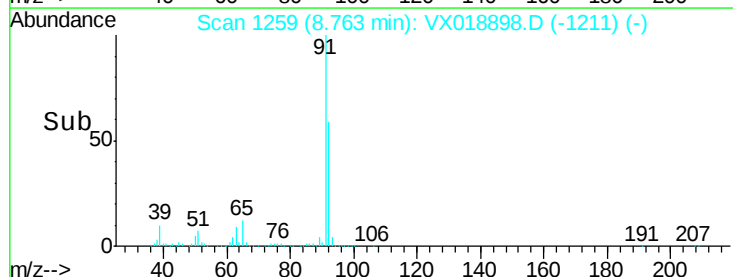
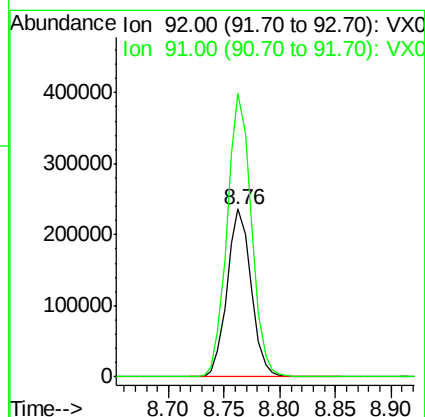
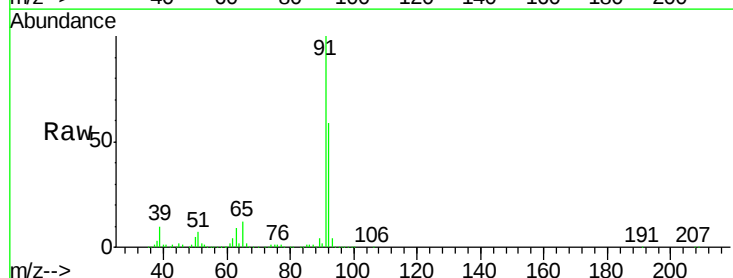
Acq: 12 Oct 2020 12:35

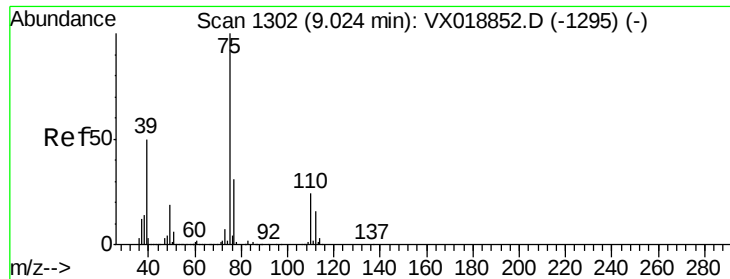
Tgt Ion: 92 Resp: 352974

Ion Ratio Lower Upper

92 100

91 170.6 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 49.805 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 231880

Ion Ratio Lower Upper

75 100

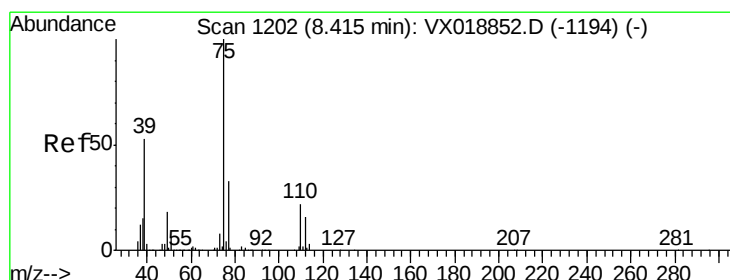
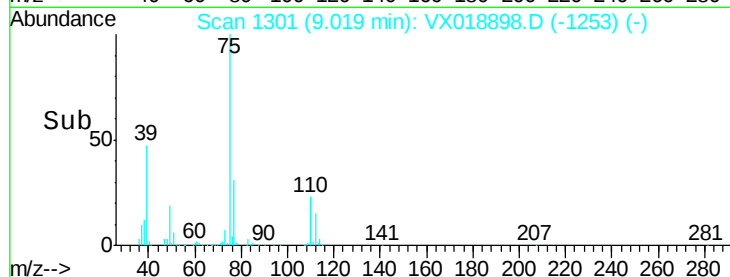
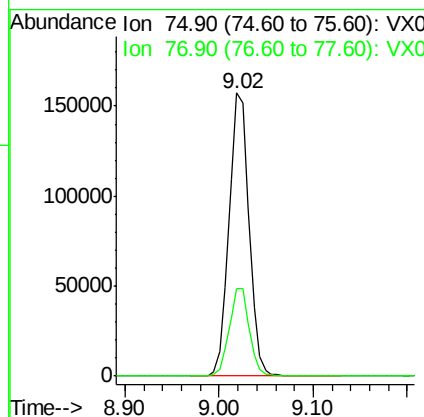
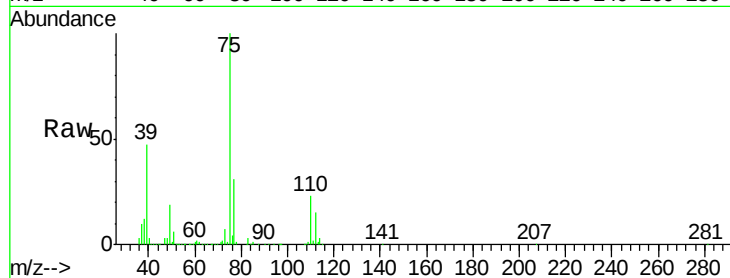
77 30.9 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 50.395 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

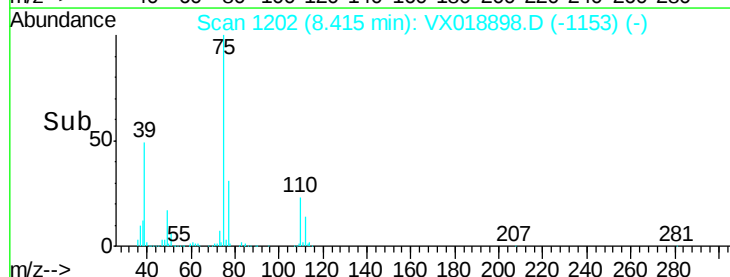
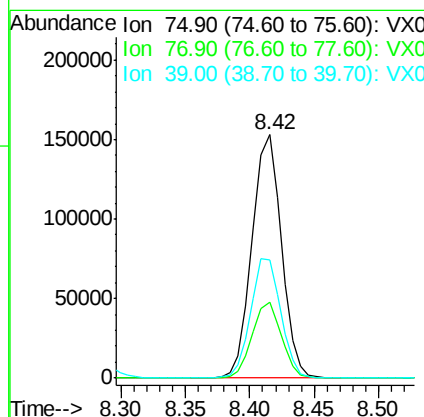
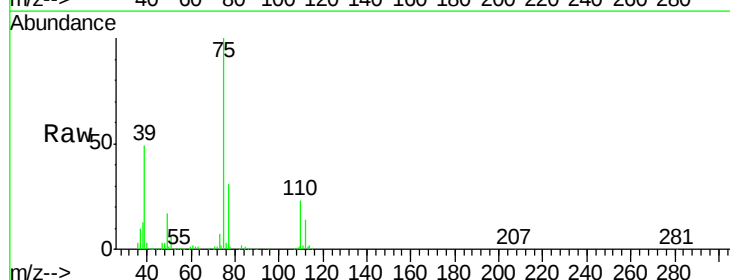
Tgt Ion: 75 Resp: 241361

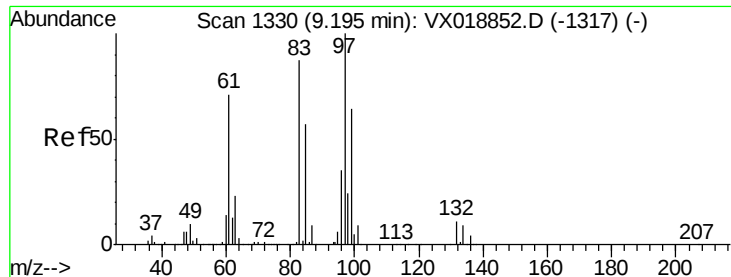
Ion Ratio Lower Upper

75 100

77 31.2 26.6 39.8

39 48.5 42.6 64.0





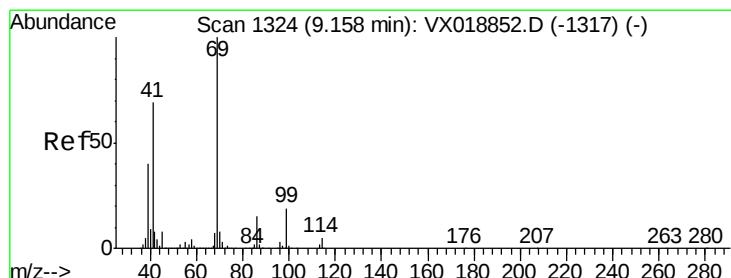
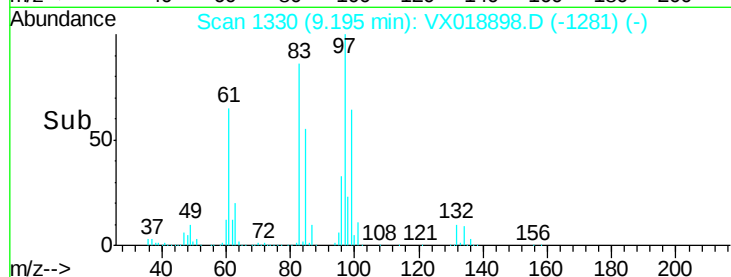
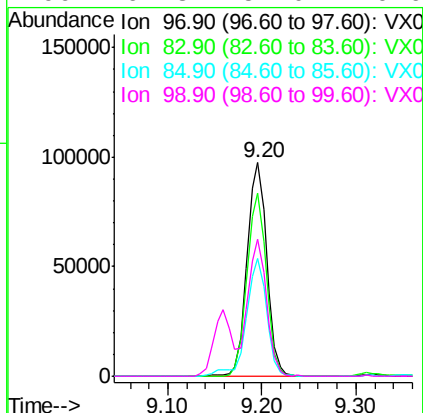
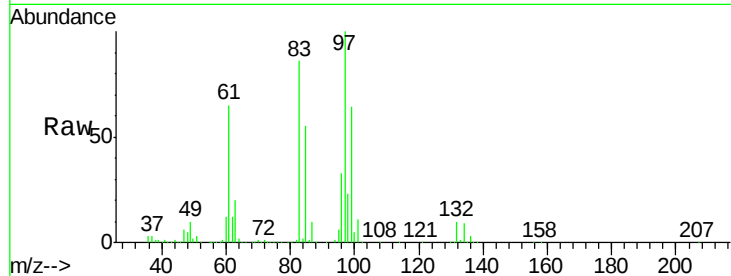
#55
 1,1,2-Trichloroethane
 Concen: 49.082 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.3	103.9
85	55.3	45.3	67.9
99	64.3	51.0	76.6

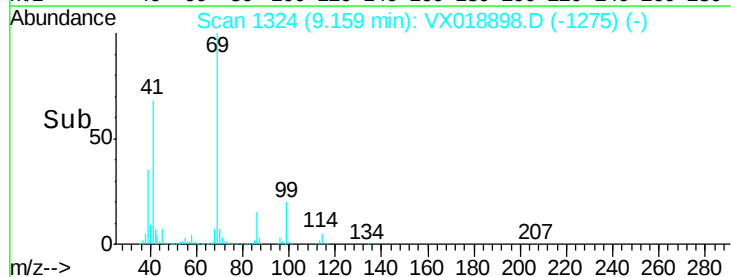
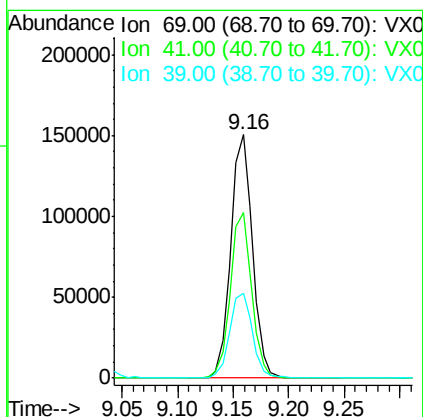
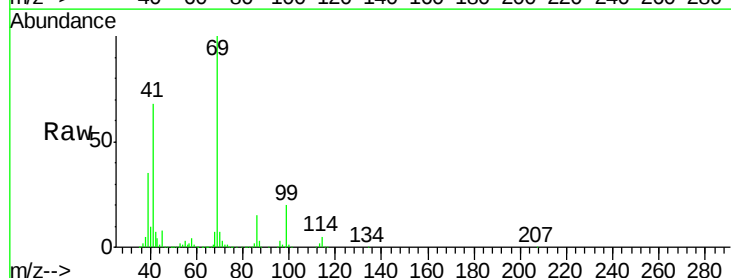
Manual Integrations
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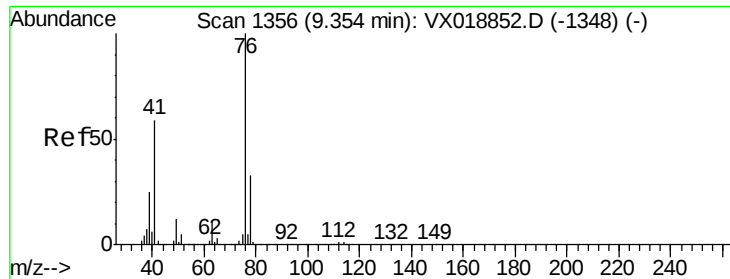
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#56
 Ethyl methacrylate
 Concen: 47.641 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	54.6	81.8
39	36.5	31.5	47.3





#57

1,3-Dichloropropane

Concen: 51.547 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 244650

Ion Ratio Lower Upper

76 100

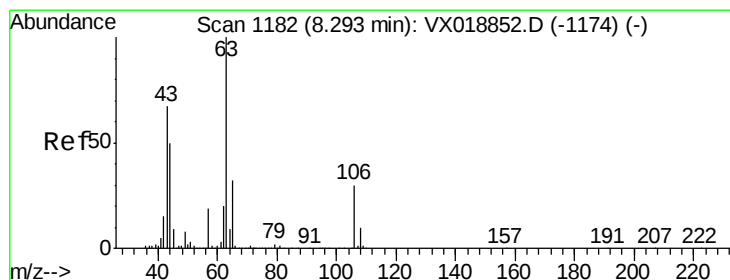
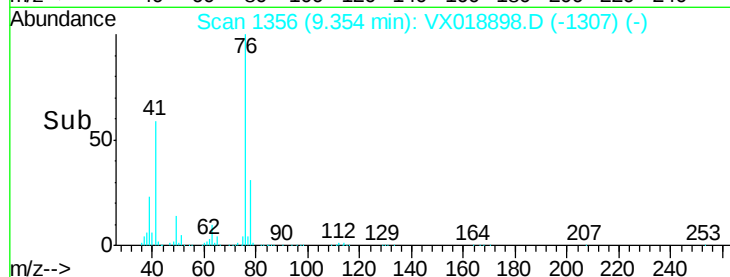
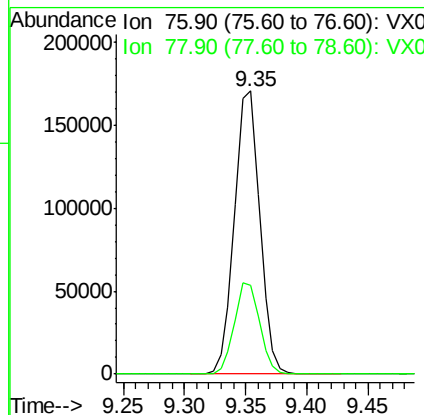
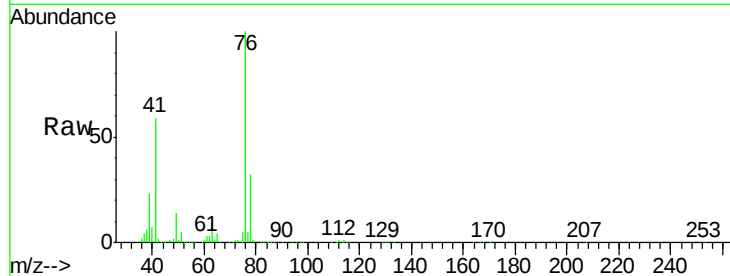
78 32.1 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 255.103 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018898.D

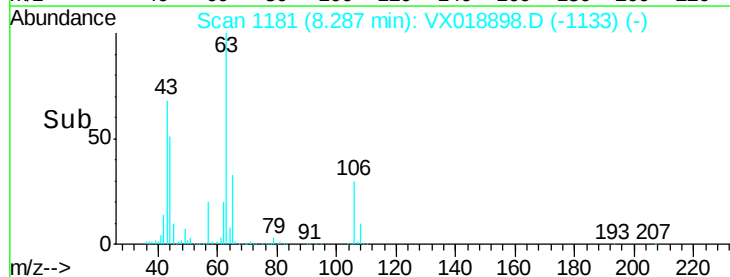
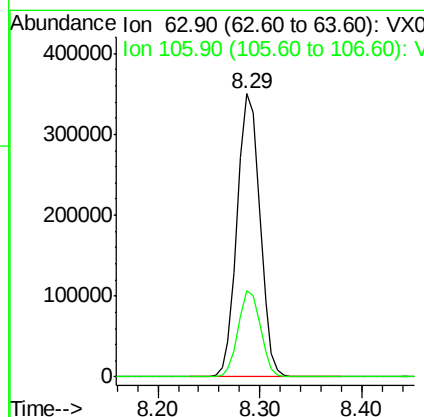
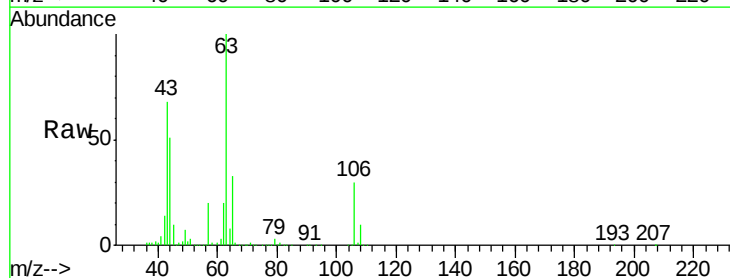
Acq: 12 Oct 2020 12:35

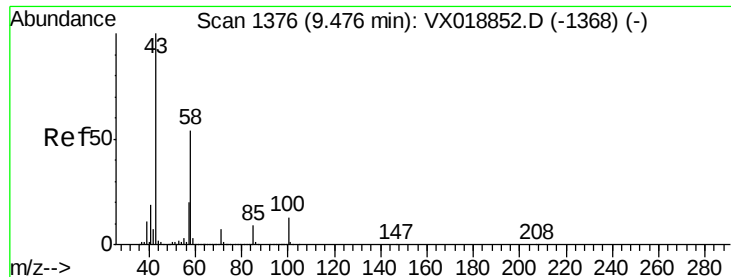
Tgt Ion: 63 Resp: 539874

Ion Ratio Lower Upper

63 100

106 29.8 24.2 36.4





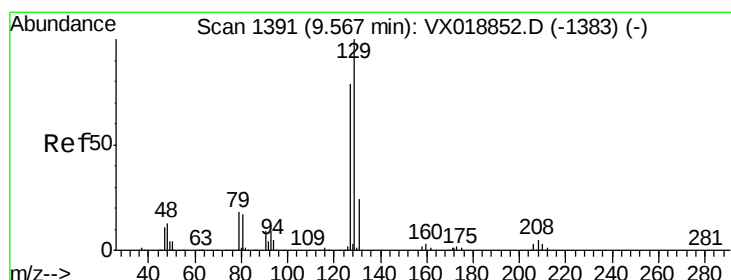
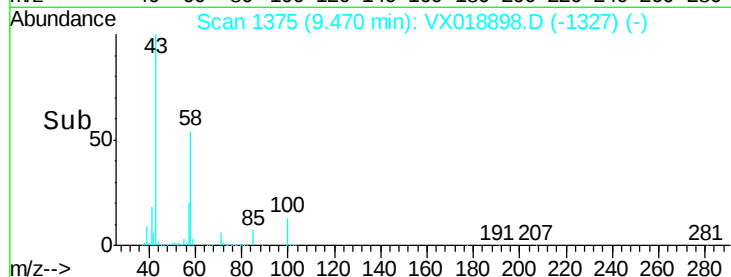
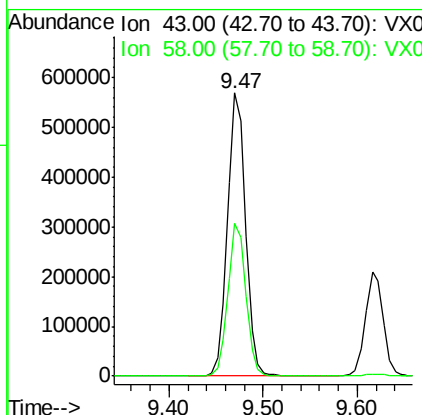
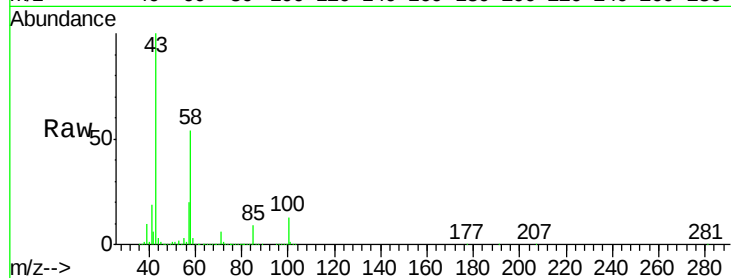
#59
2-Hexanone
Concen: 269.591 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 759905
Ion Ratio Lower Upper
43 100
58 53.7 26.7 80.1

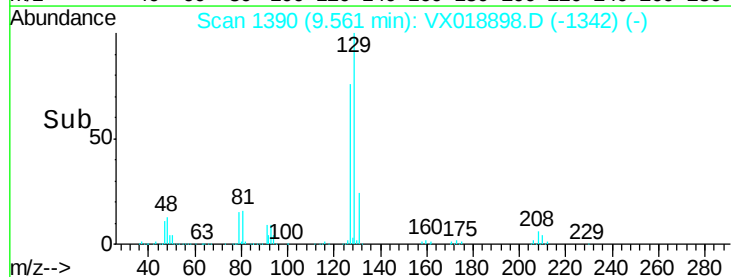
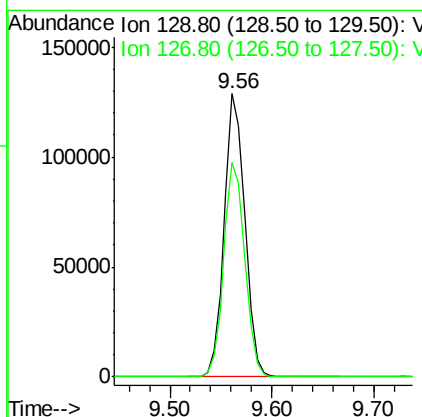
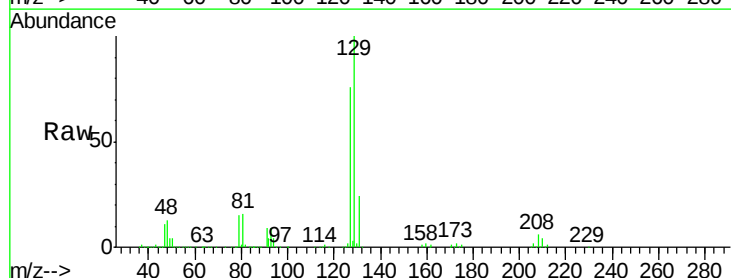
Manual Integrations
APPROVED

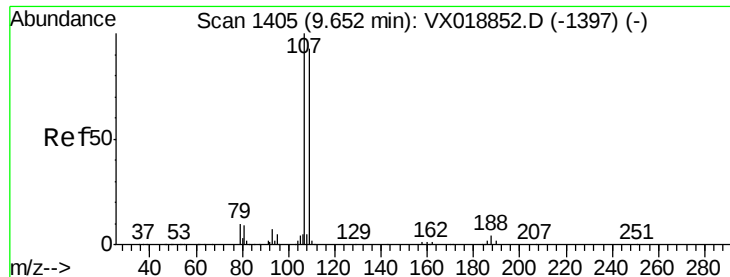
MMDadoda
10/13/2020 2:19:13 PM



#60
Dibromochloromethane
Concen: 49.213 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion: 129 Resp: 180700
Ion Ratio Lower Upper
129 100
127 77.5 39.5 118.5





#61

1,2-Dibromoethane

Concen: 49.017 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 153753

Ion Ratio Lower Upper

107 100

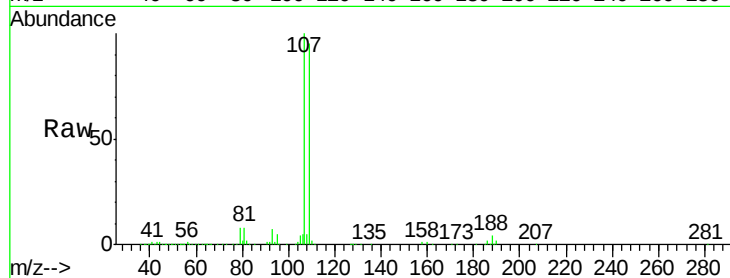
109 96.4 75.2 112.8

Manual Integrations

APPROVED

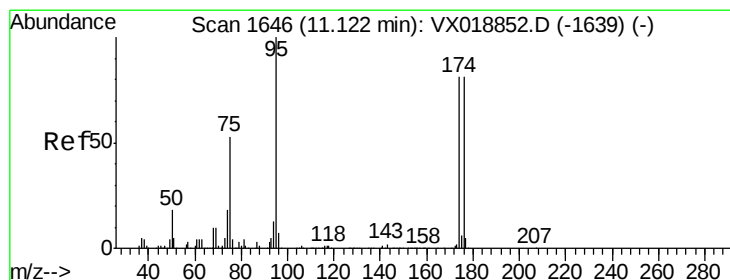
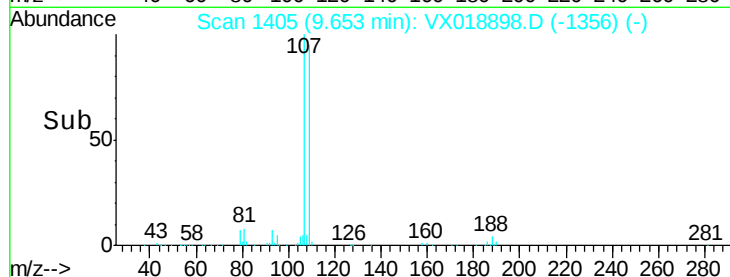
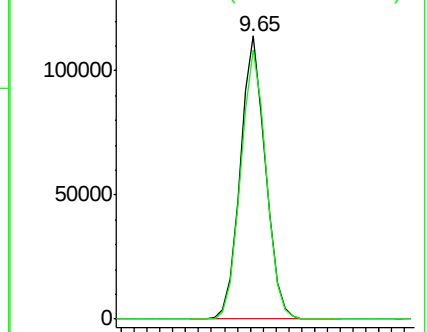
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.376 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

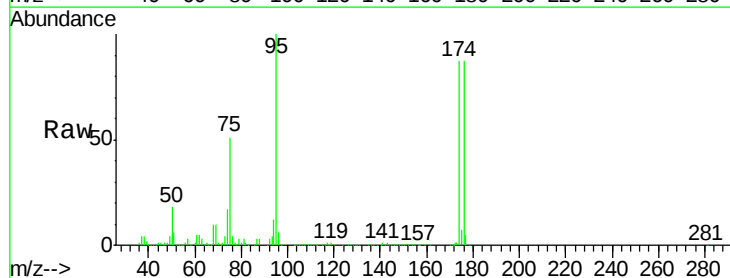
Tgt Ion: 95 Resp: 182749

Ion Ratio Lower Upper

95 100

174 88.5 0.0 160.0

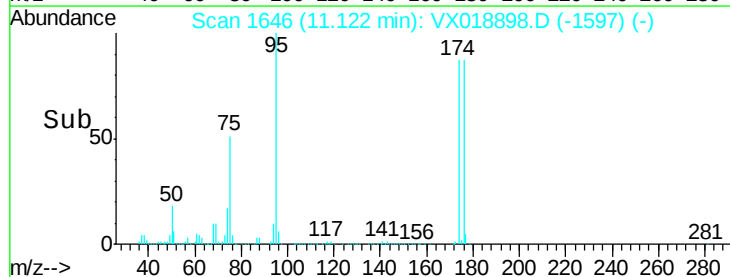
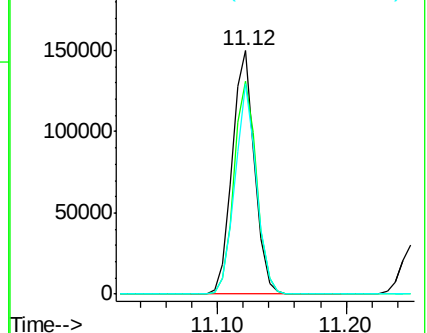
176 83.0 0.0 161.2

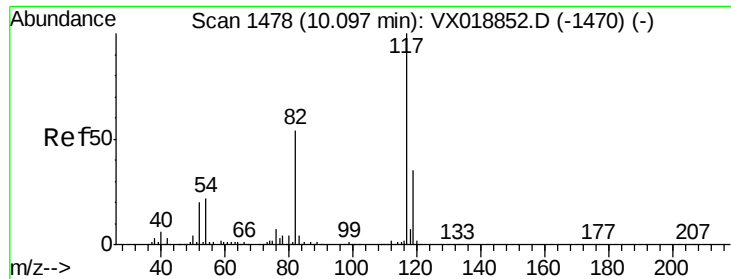


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





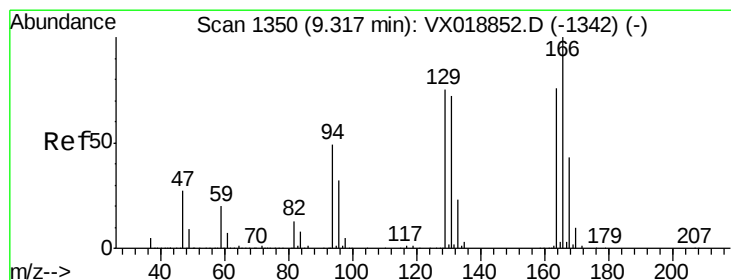
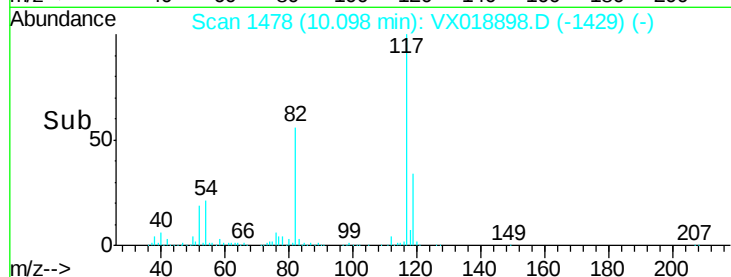
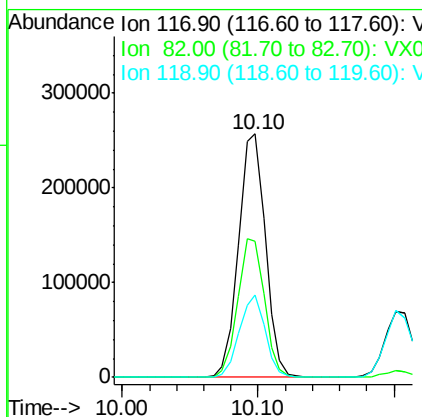
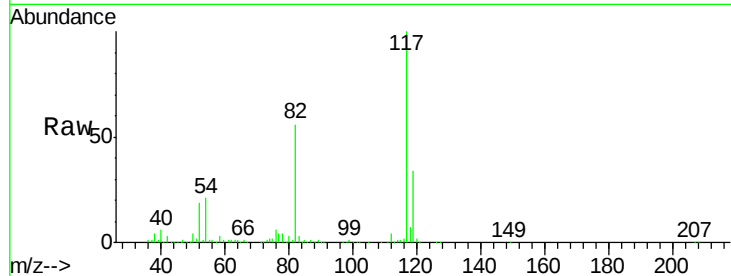
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	355138		
82	55.8	43.4	65.2	
119	34.1	28.3	42.5	

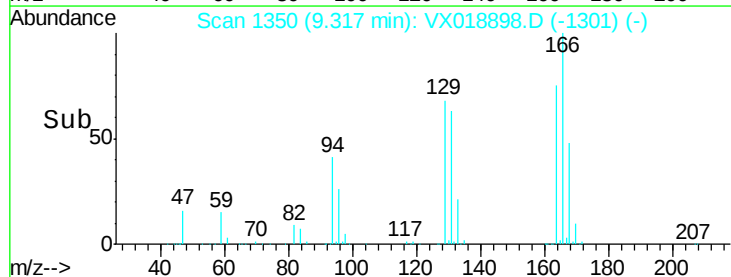
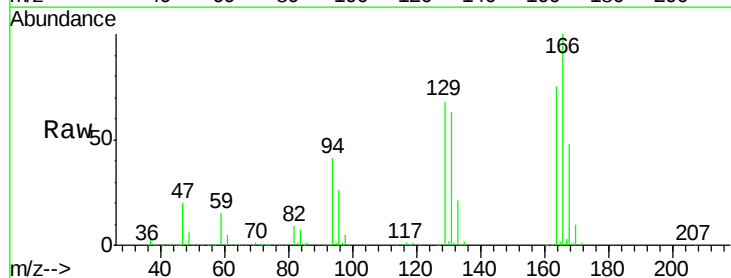
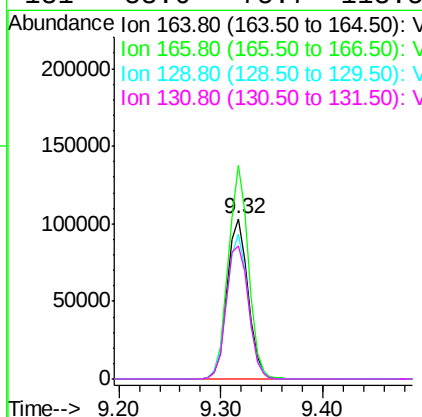
Manual Integrations
APPROVED

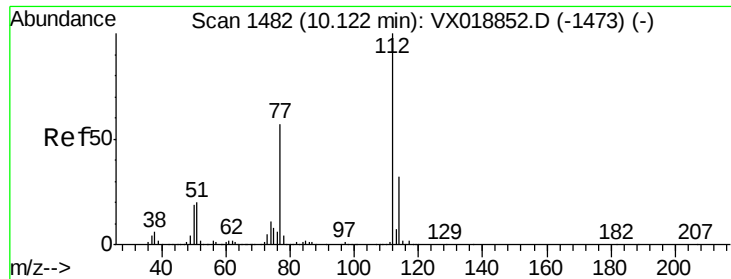
MMDadoda
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#64
Tetrachloroethene
Concen: 56.506 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146126		
166	133.5	105.4	158.0	
129	90.7	79.0	118.6	
131	83.6	75.7	113.5	





#65

Chlorobenzene

Concen: 49.036 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 376338

Ion Ratio Lower Upper

112 100

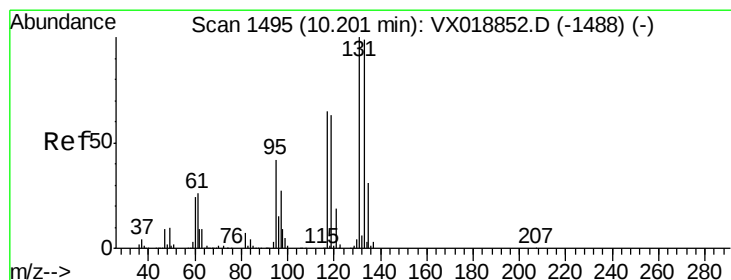
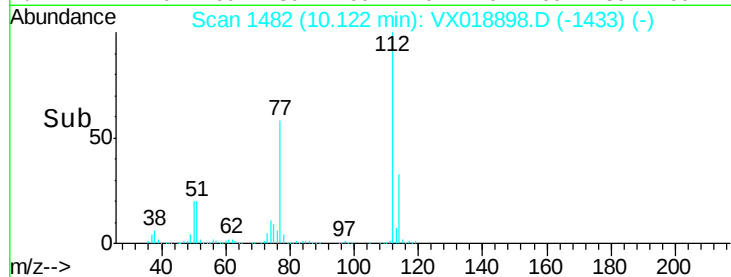
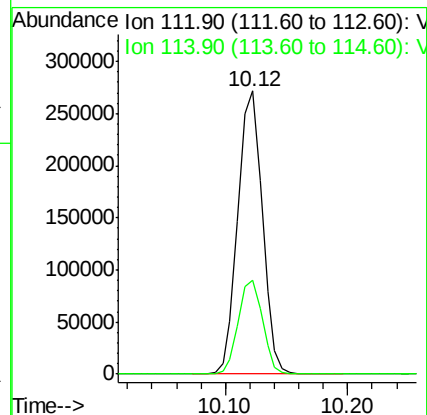
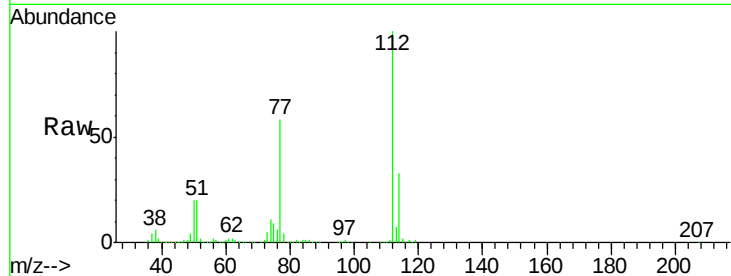
114 33.1 25.7 38.5

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 50.536 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

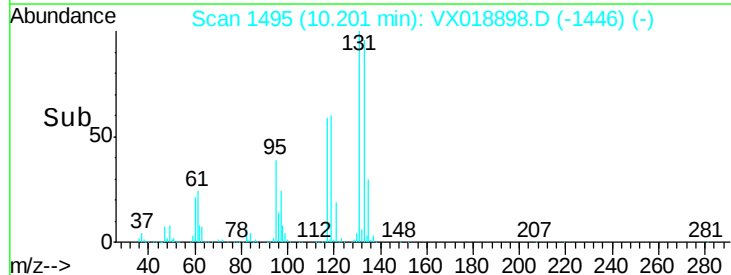
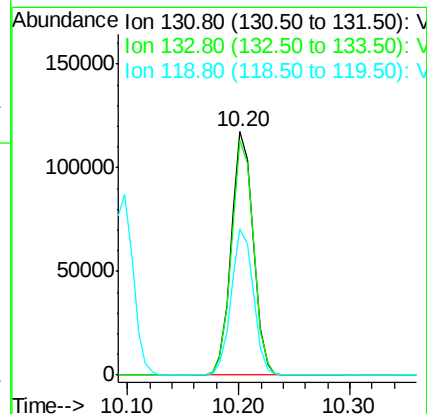
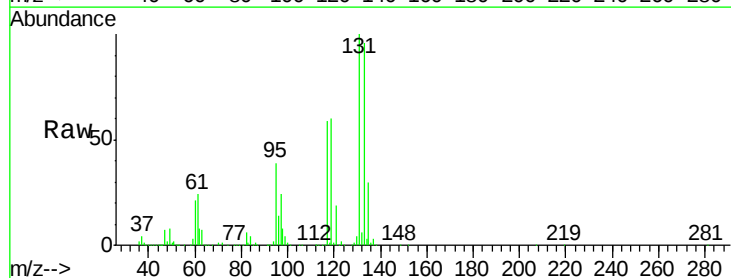
Tgt Ion:131 Resp: 160007

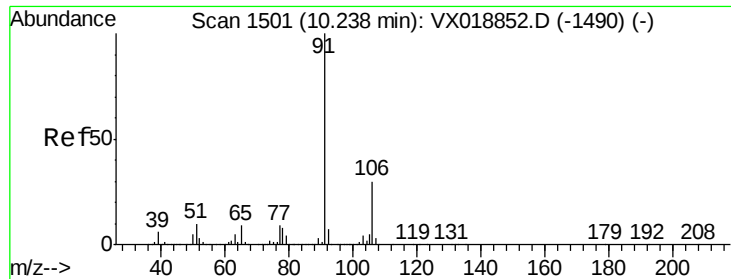
Ion Ratio Lower Upper

131 100

133 97.1 48.6 145.8

119 60.6 31.1 93.3





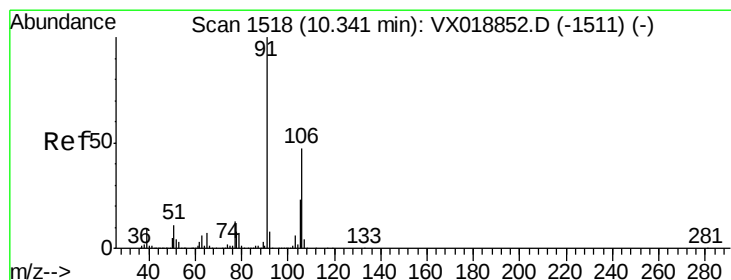
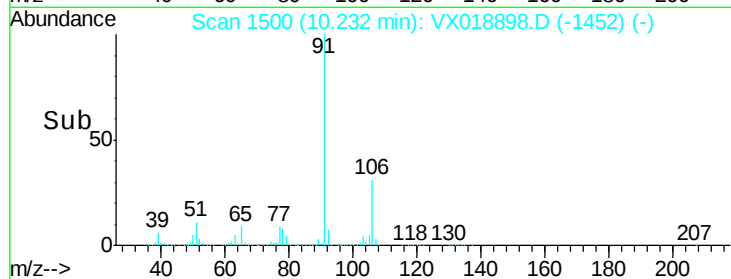
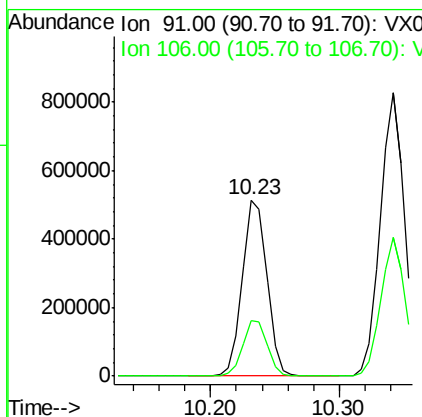
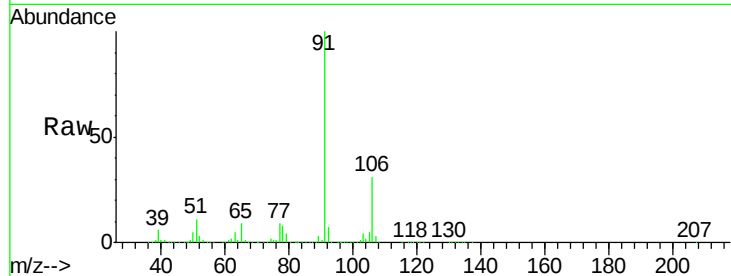
#67
Ethyl Benzene
Concen: 52.444 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 679000
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0

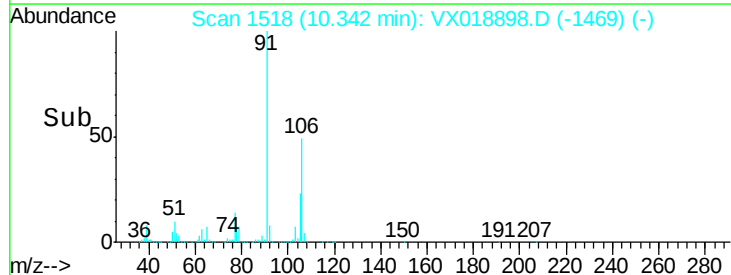
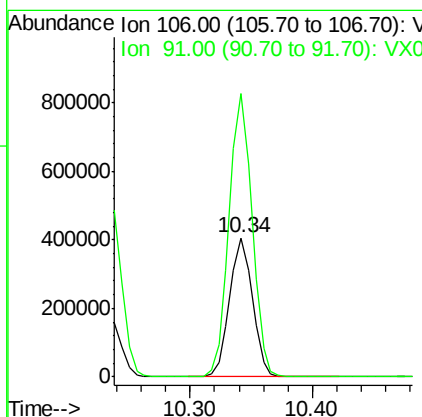
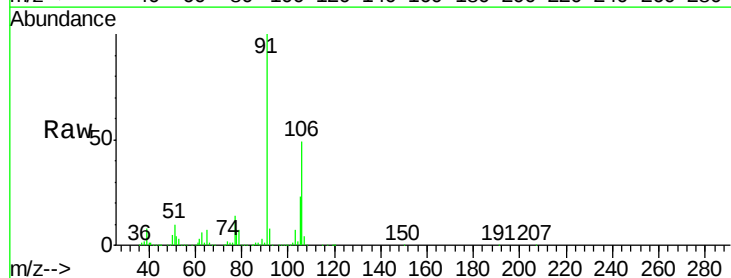
Manual Integrations
APPROVED

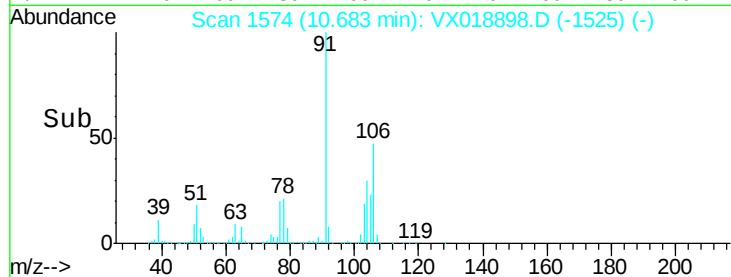
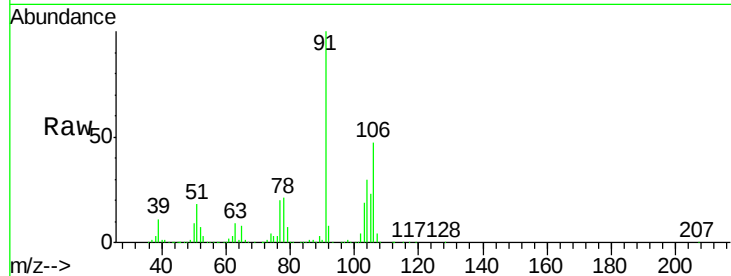
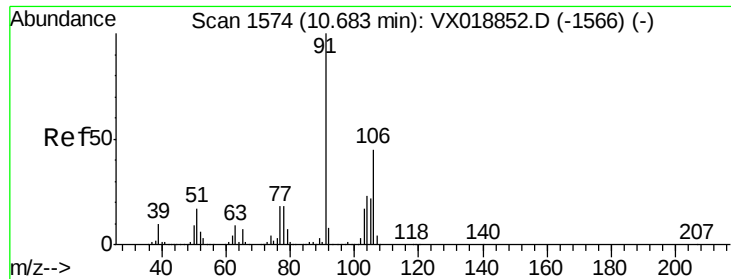
MMDadoda
10/13/2020 2:19:13 PM



#68
m/p-Xylenes
Concen: 106.742 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion: 106 Resp: 525058
Ion Ratio Lower Upper
106 100
91 204.6 165.6 248.4





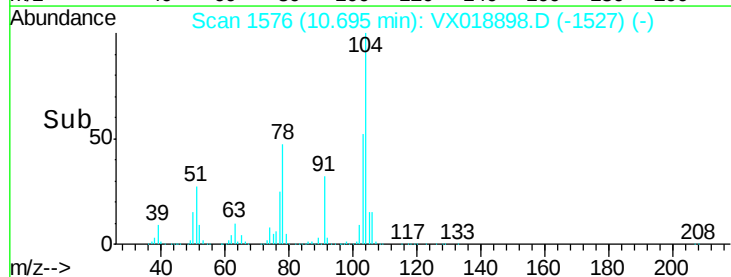
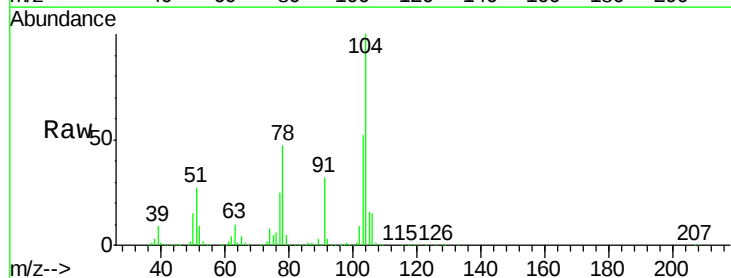
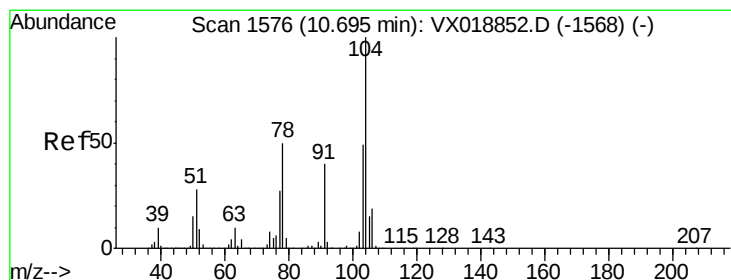
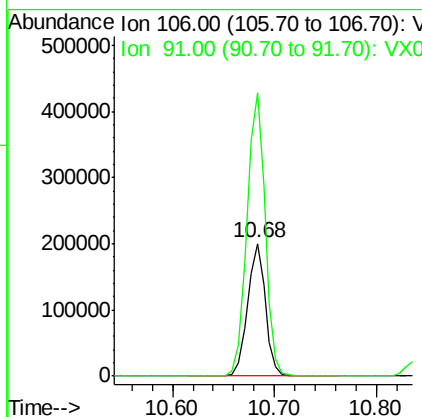
#69
o-Xylene
Concen: 52.117 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tot Ion	Ratio	Resp	Lower	Upper
106	100	241531		
91	219.3	109.9	329.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

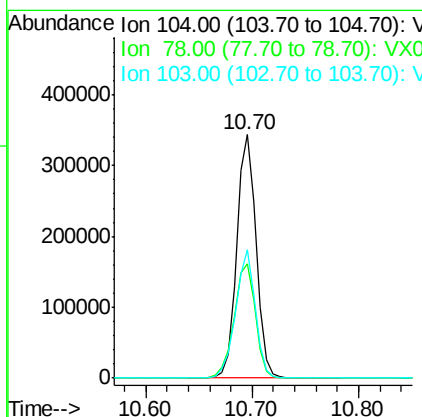
Manual Integrations
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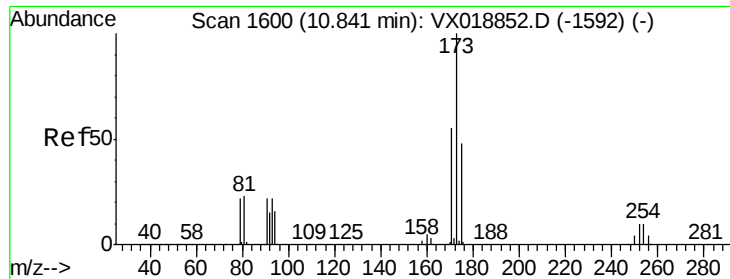
MMDadoda
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#70
Styrene
Concen: 55.887 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	438484		
78	52.2	43.5	65.3	
103	53.7	43.3	64.9	





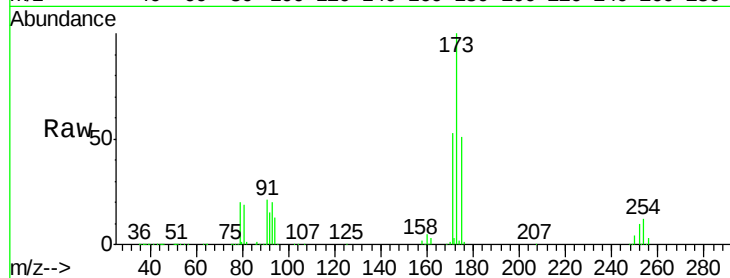
#71
Bromoform
Concen: 49.388 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

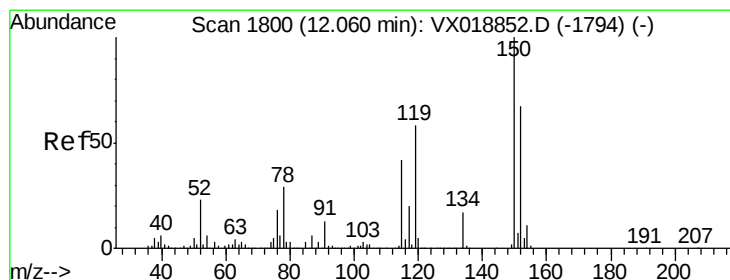
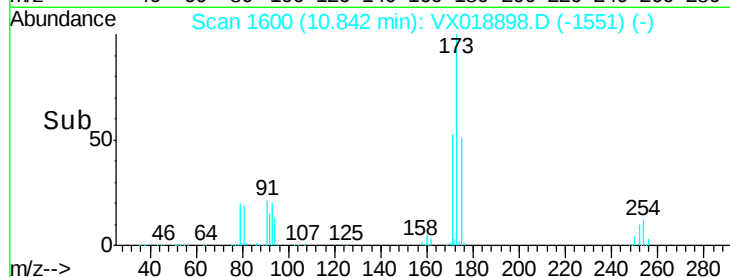
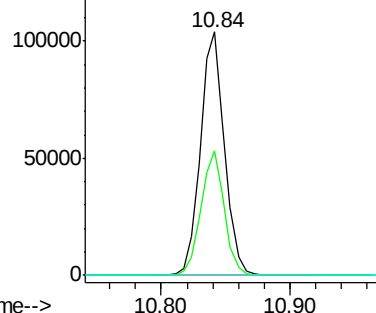
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	23.4	70.0
254	0.2	0.0	0.0

Manual Integrations
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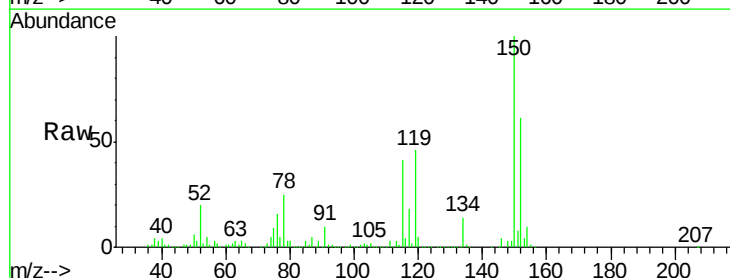


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

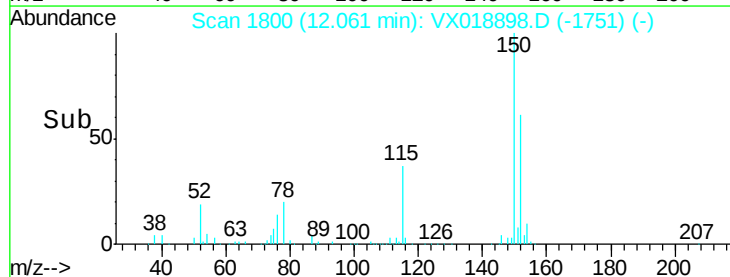
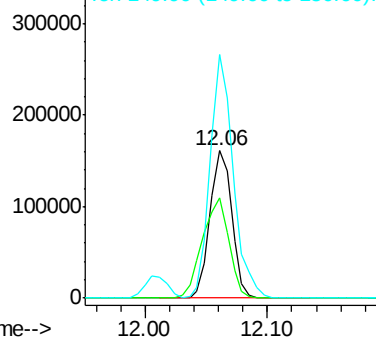


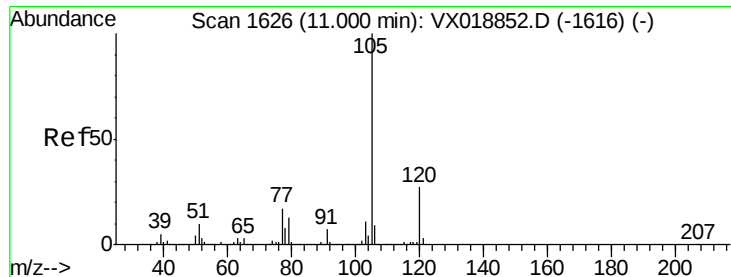
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.2	41.8	125.4
150	173.7	0.0	347.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.514 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 683395

Ion Ratio Lower Upper

105 100

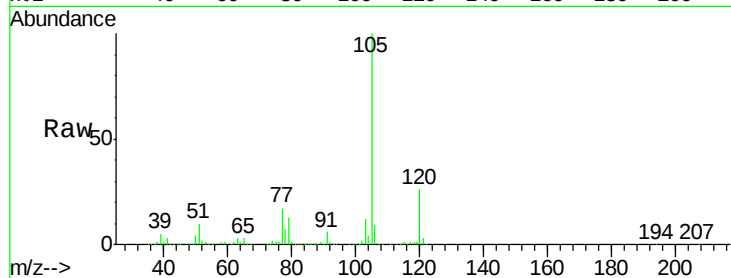
120 26.3 13.3 39.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

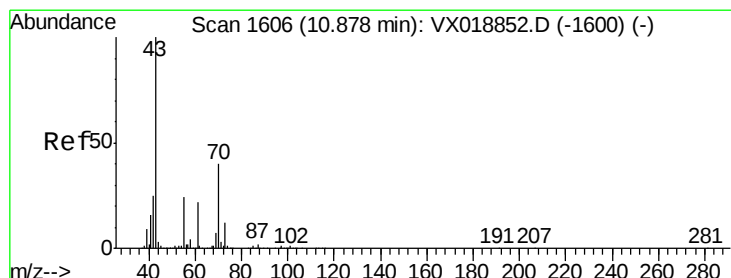
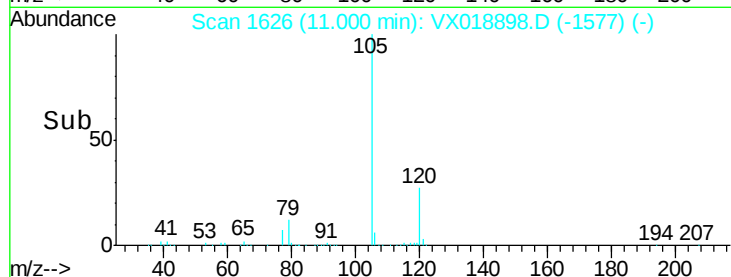
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 53.447 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Tgt Ion: 43 Resp: 275180

Ion Ratio Lower Upper

43 100

70 42.5 33.7 50.5

55 25.4 19.8 29.8

61 23.5 18.6 28.0

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

100000

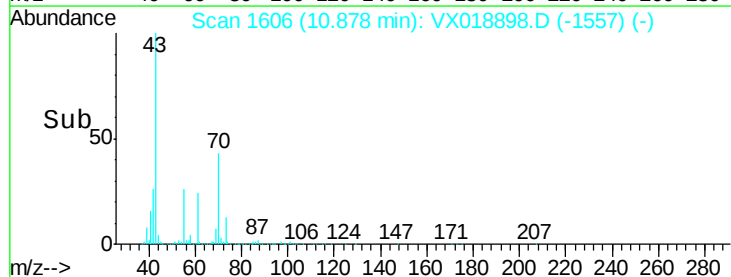
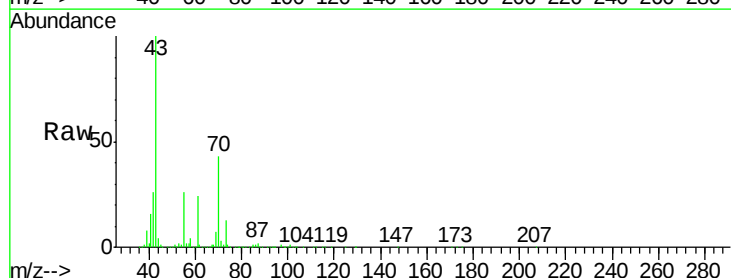
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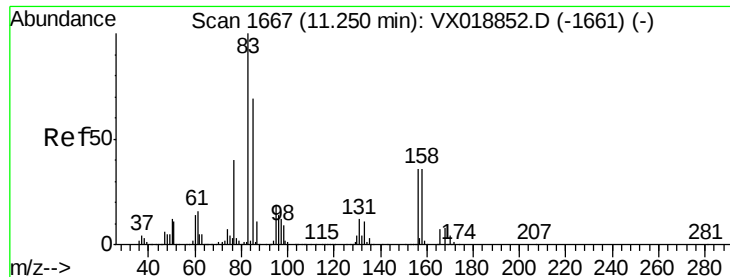
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.775 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

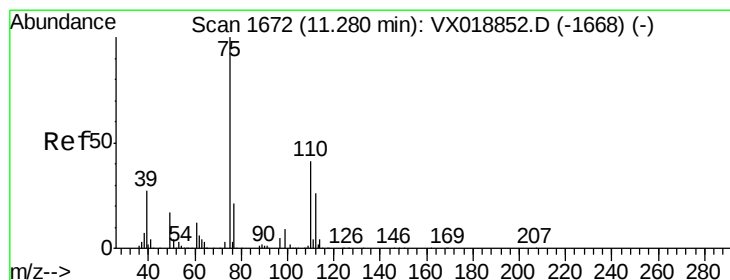
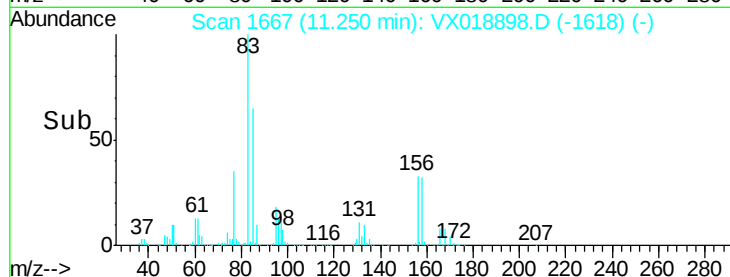
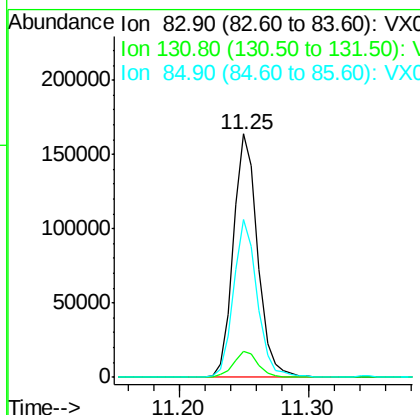
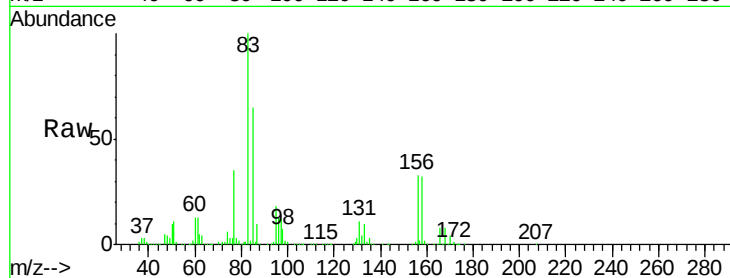
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	215894
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.9	17.8
85	63.7	33.0	98.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.743 ug/l m

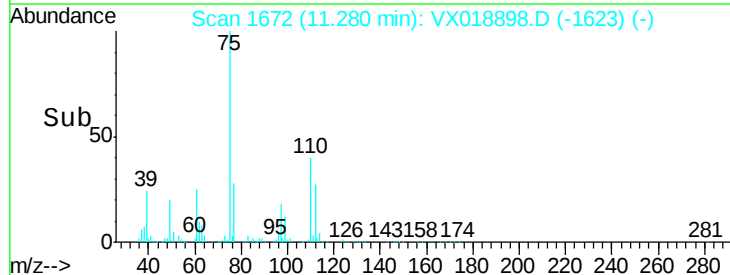
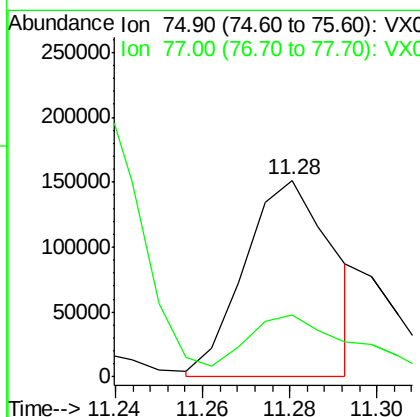
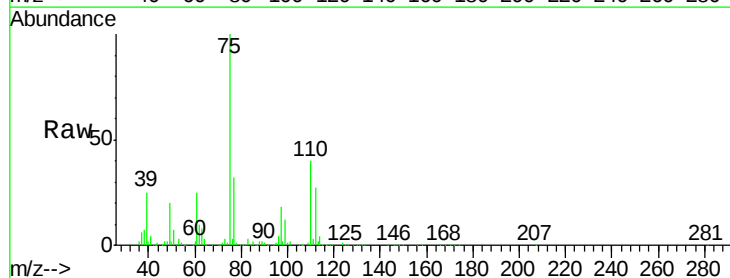
RT: 11.28 min Scan# 1672

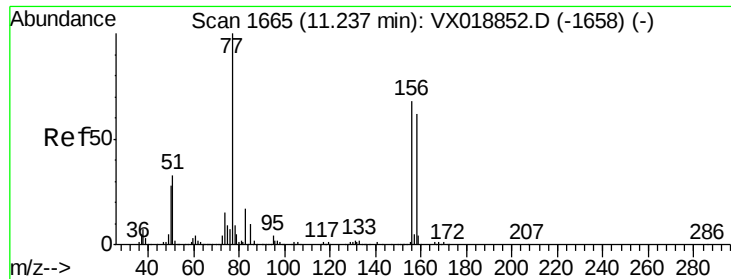
Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Tgt Ion:	75	Resp:	213222
Ion Ratio	Lower	Upper	
75	100		
77	38.7	20.2	60.6





#77

Bromobenzene

Concen: 51.085 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

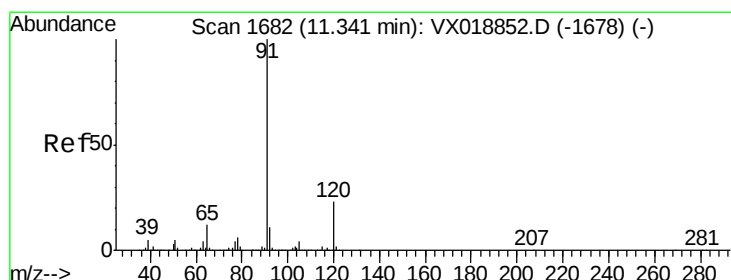
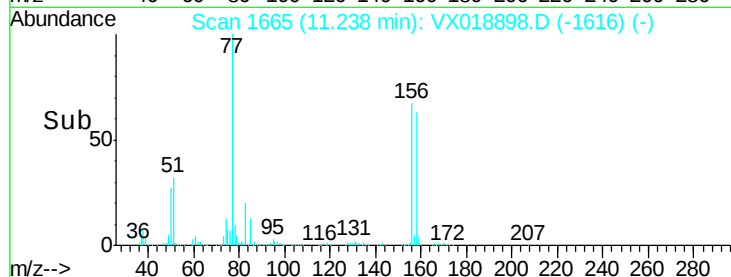
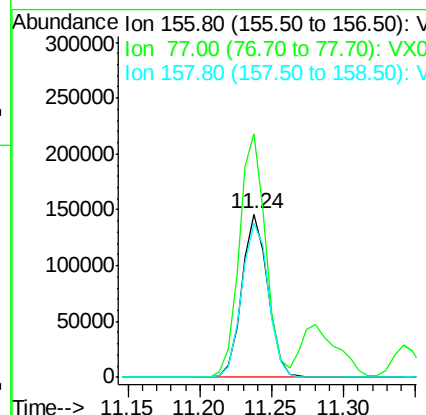
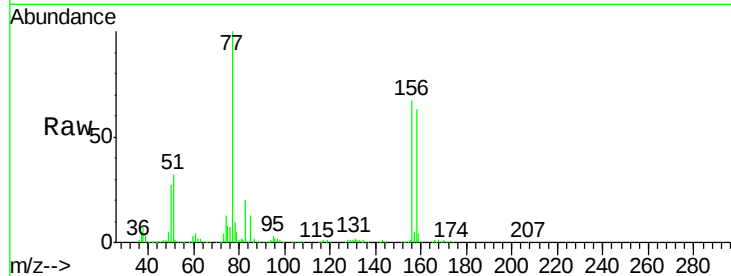
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	182616
Ion Ratio	Lower	Upper	
156	100		
77	152.7	76.0	228.1
158	98.0	47.2	141.6

Manual Integrations
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#78

n-propylbenzene

Concen: 53.755 ug/l

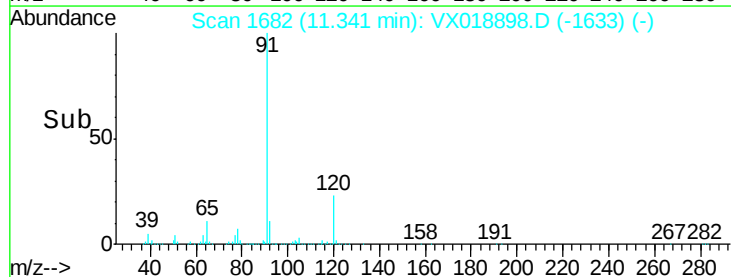
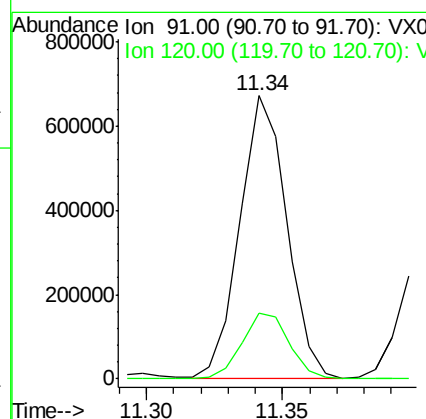
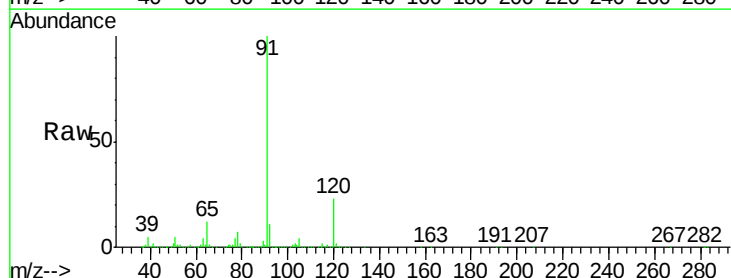
RT: 11.34 min Scan# 1682

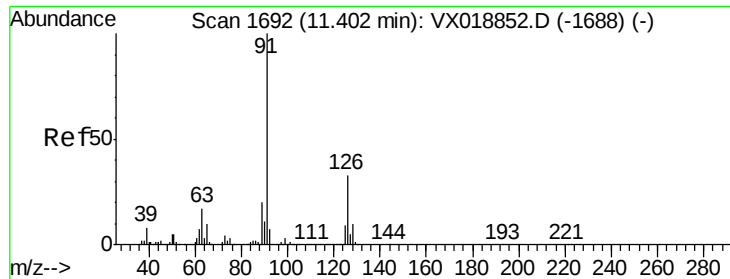
Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Tgt Ion:	91	Resp:	797108
Ion Ratio	Lower	Upper	
91	100		
120	23.6	12.0	36.0





#79

2-Chlorotoluene

Concen: 50.571 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 467447

Ion Ratio Lower Upper

91 100

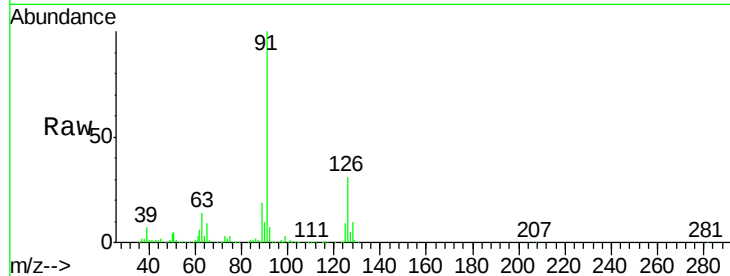
126 33.7 17.1 51.3

Manual Integrations

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

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

800000

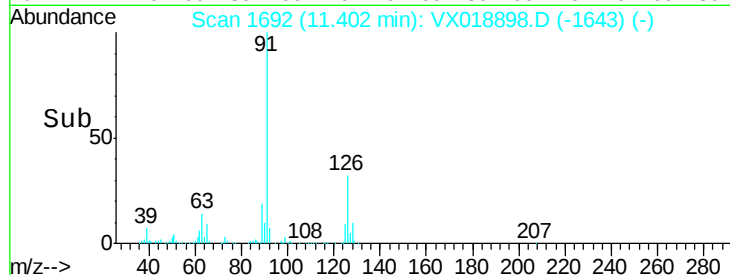
600000

400000

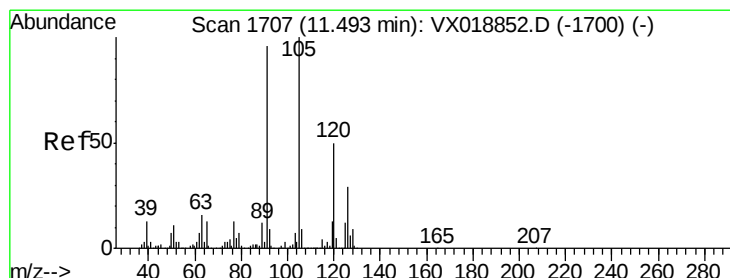
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.829 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018898.D

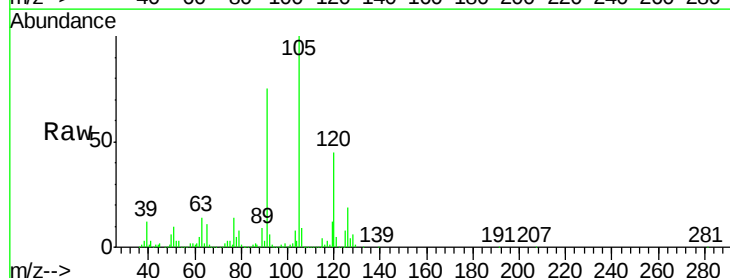
Acq: 12 Oct 2020 12:35

Tgt Ion: 105 Resp: 588061

Ion Ratio Lower Upper

105 100

120 47.7 23.9 71.8



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

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

500000

400000

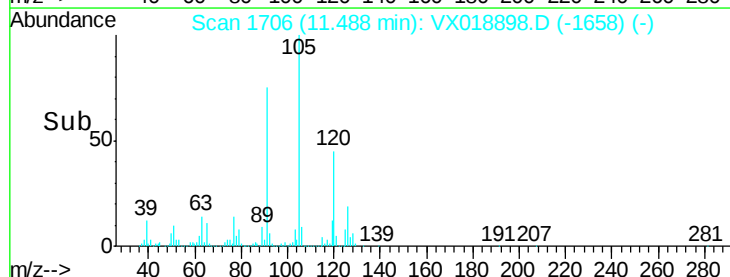
300000

200000

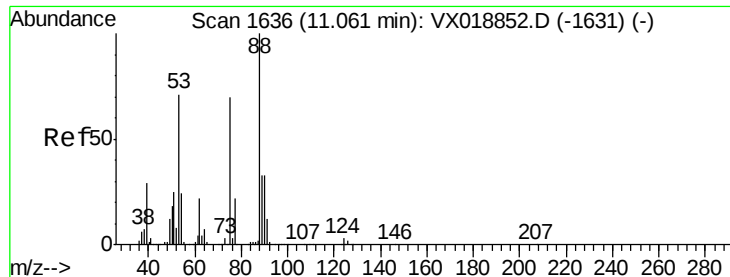
100000

0

11.40 11.50



Time-->



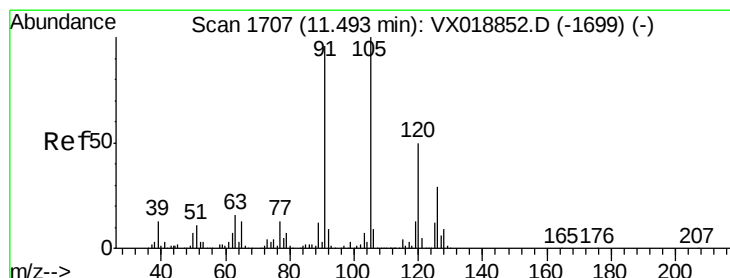
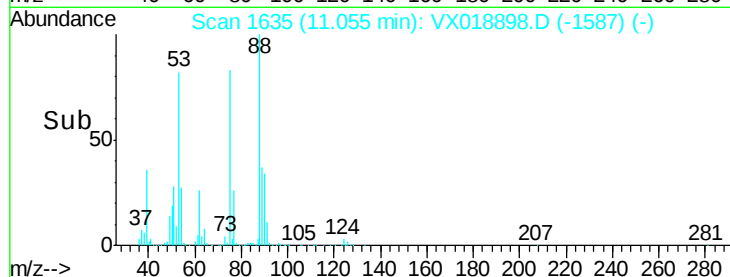
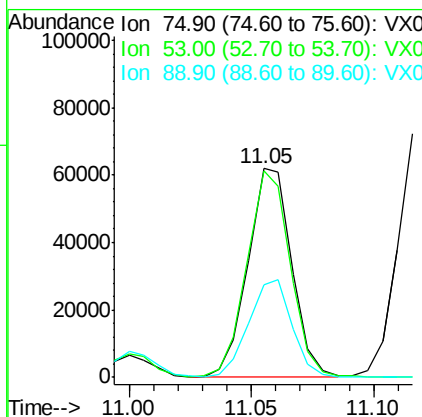
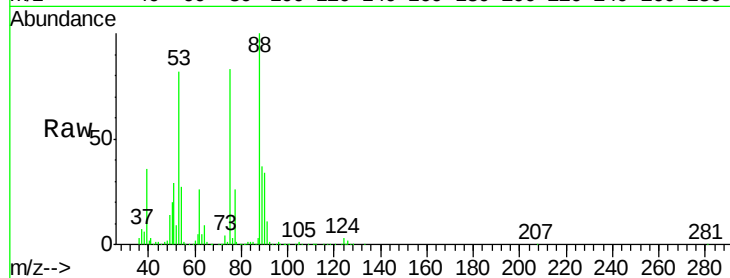
#81
trans-1,4-Dichloro-2-butene
Concen: 50.934 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.0	85.0	127.4
89	46.9	39.0	58.4

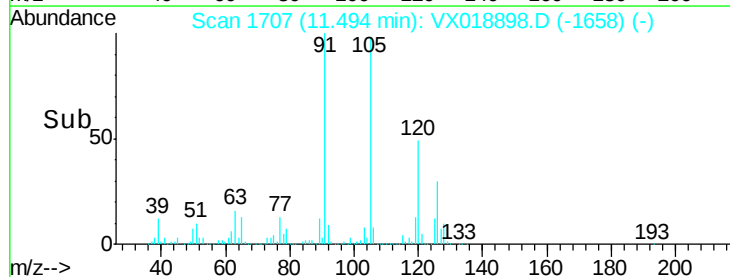
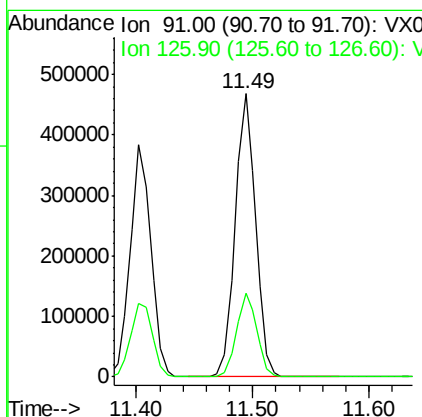
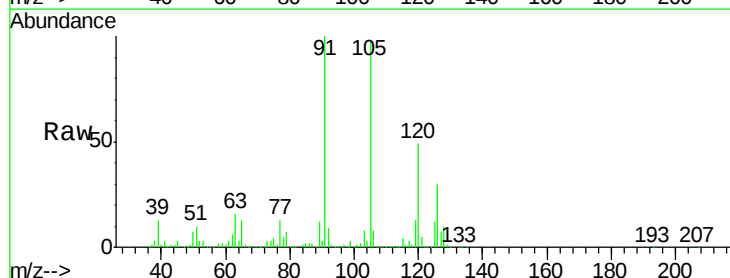
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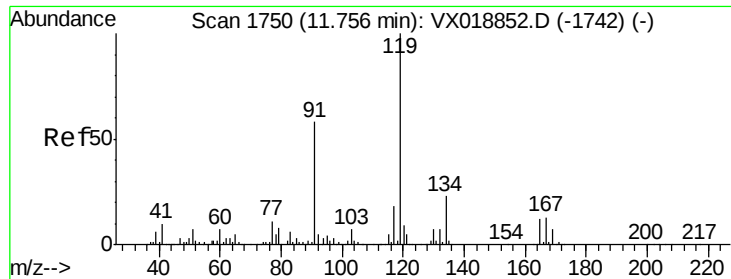
MMDadoda
10/13/2020 2:19:13 PM



#82
4-Chlorotoluene
Concen: 52.193 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.7





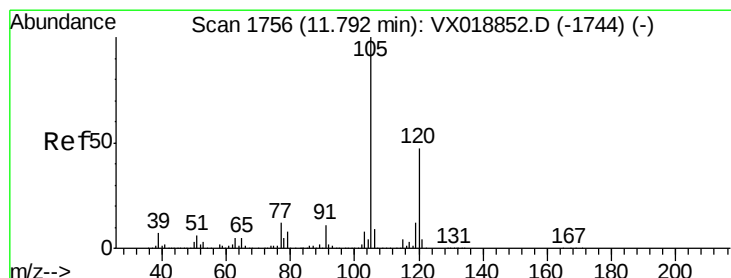
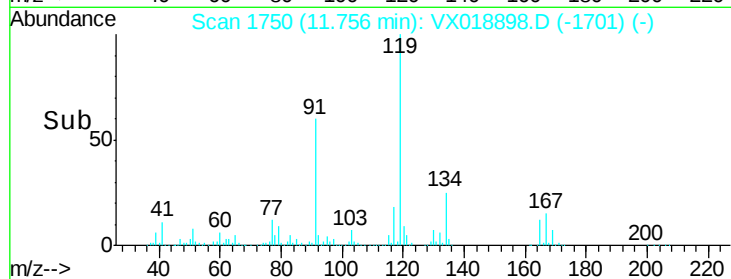
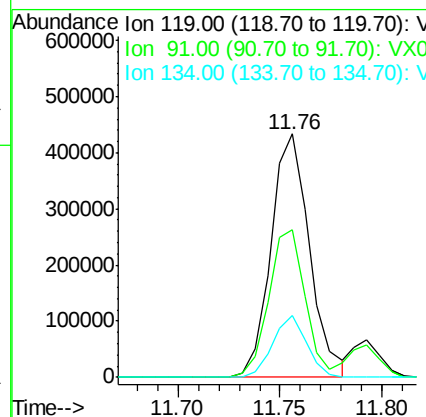
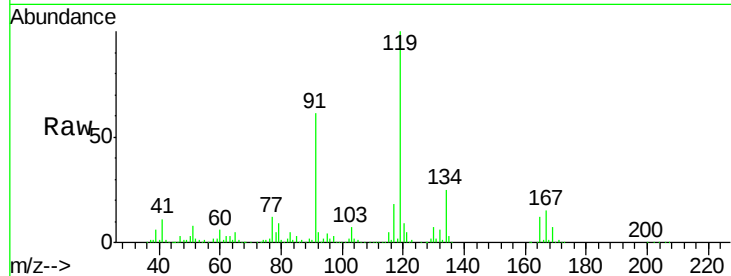
#83
tert-Butylbenzene
Concen: 51.078 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	569390		
91	57.2	28.6	85.9	
134	22.7	11.7	35.0	

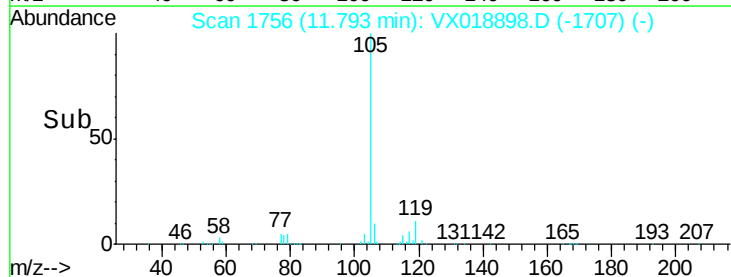
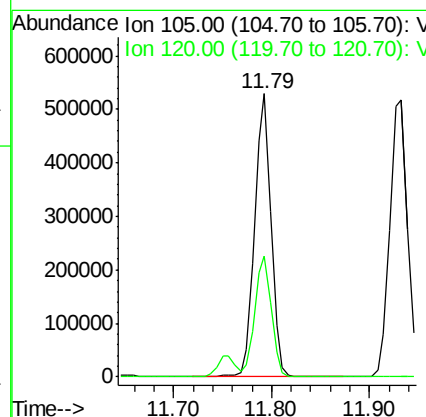
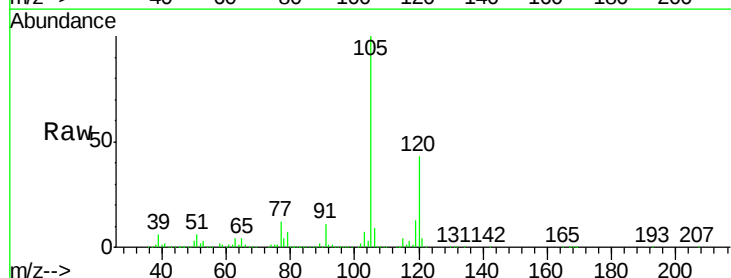
Manual Integrations
APPROVED

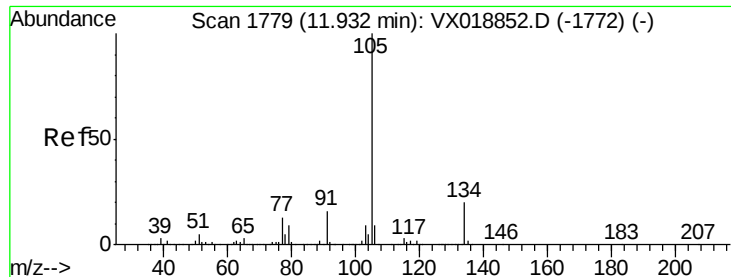
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 54.421 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	615807		
120	43.0	22.6	67.8	





#85

sec-Butylbenzene

Concen: 51.496 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 646708

Ion Ratio Lower Upper

105 100

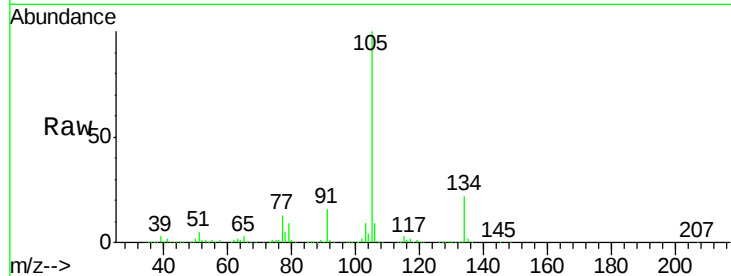
134 21.1 10.2 30.4

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

500000

400000

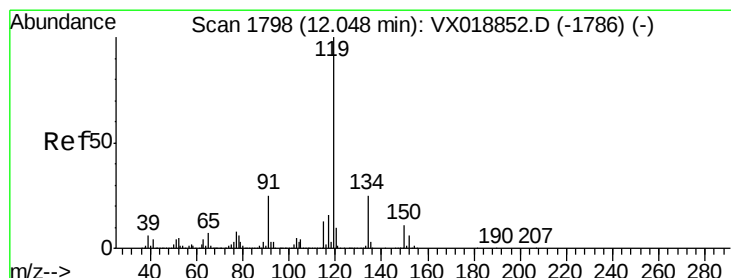
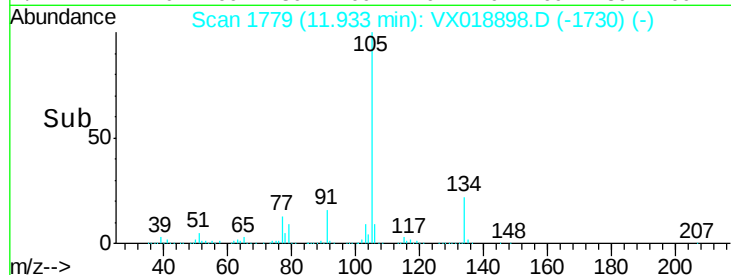
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.594 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

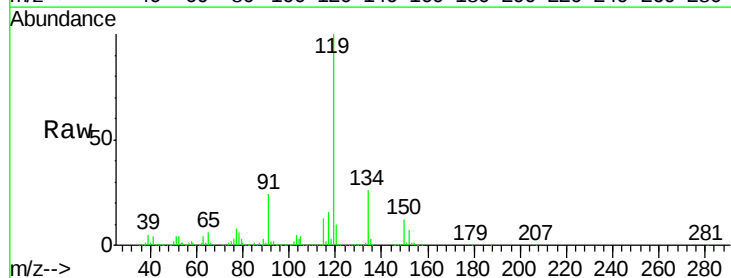
Tgt Ion:119 Resp: 626611

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 23.5 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

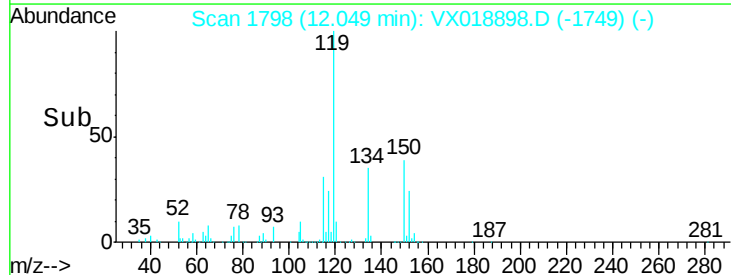
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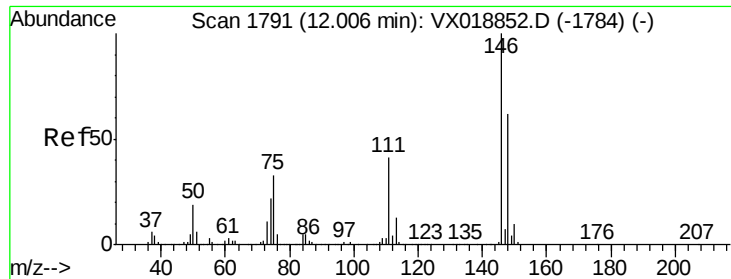
400000

200000

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Time-->





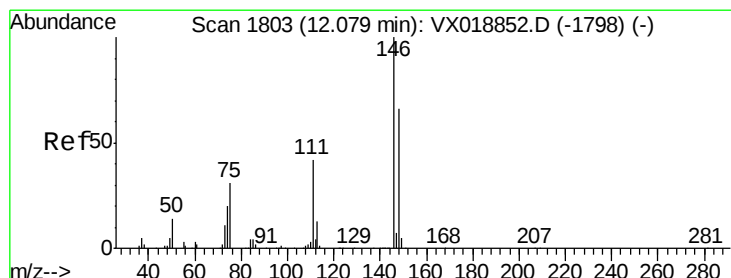
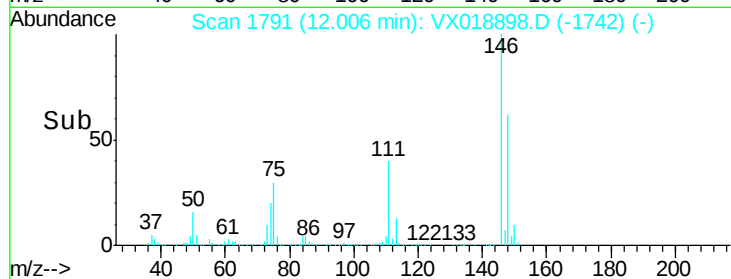
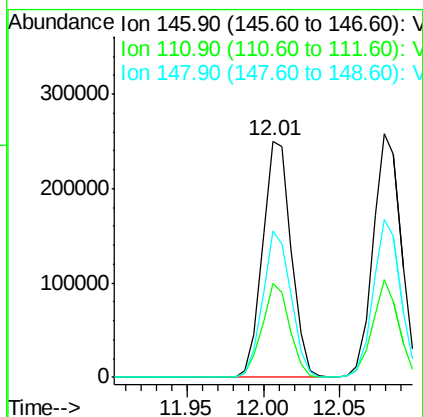
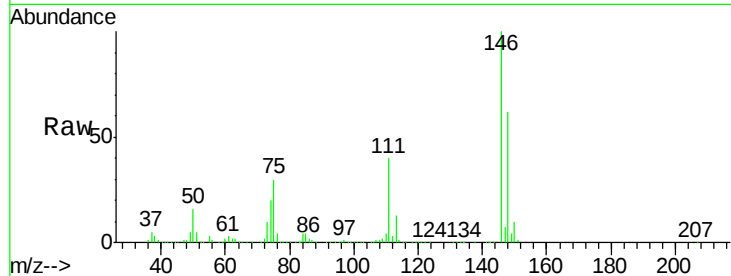
#87
 1,3-Dichlorobenzene
 Concen: 49.899 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.0	59.9
148	60.8	31.4	94.3

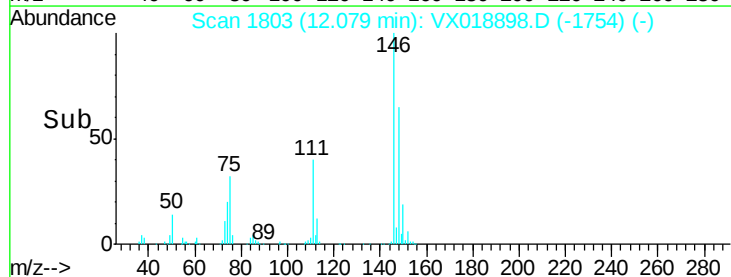
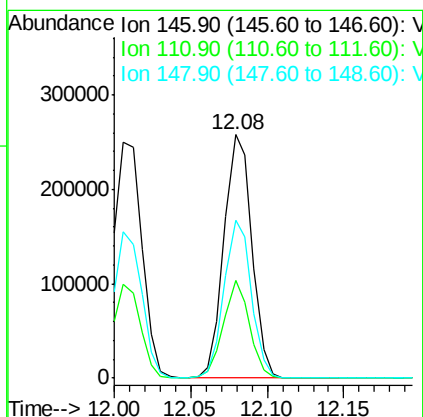
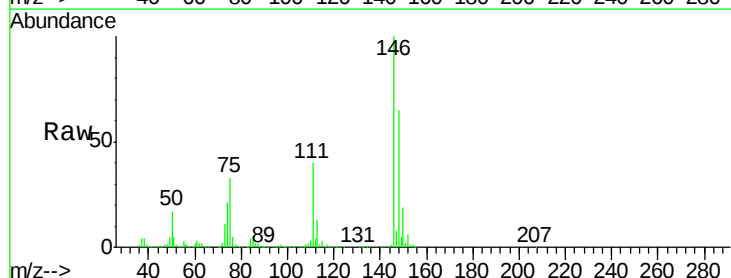
Manual Integrations
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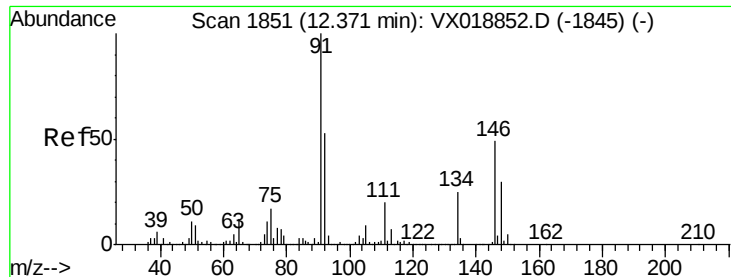
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 49.048 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.5	61.5
148	63.5	32.2	96.6





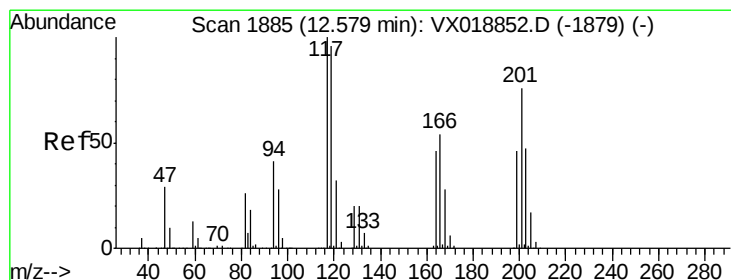
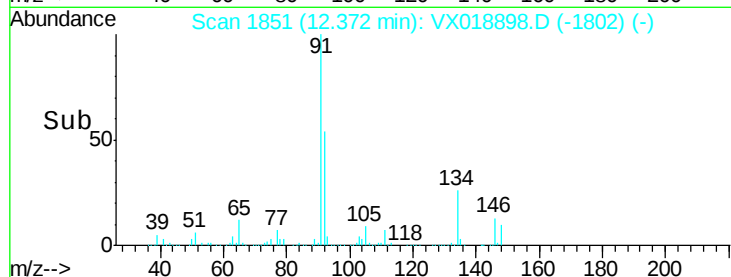
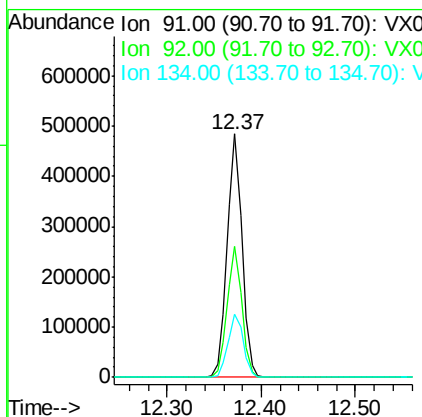
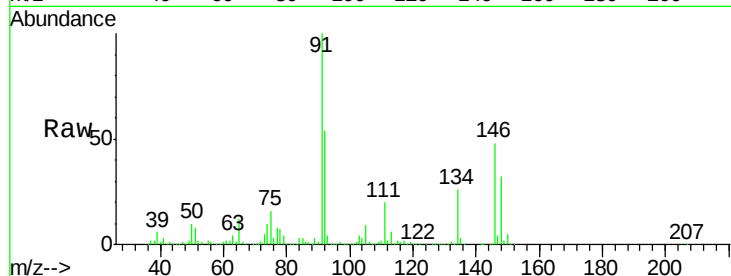
#89
n-Butylbenzene
Concen: 51.395 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		532034		
92	53.0	26.7		80.0	
134	26.7	13.5		40.4	

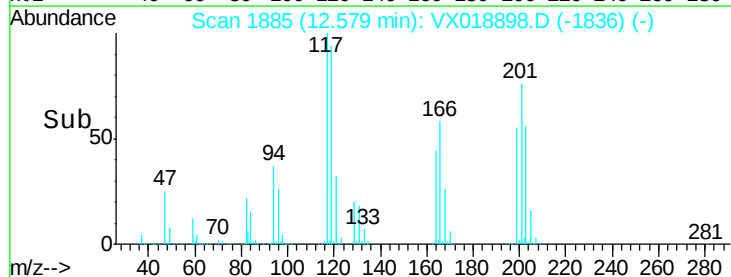
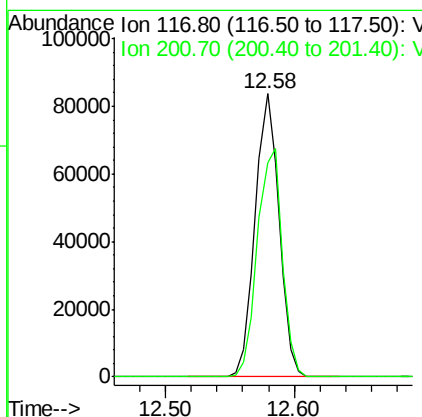
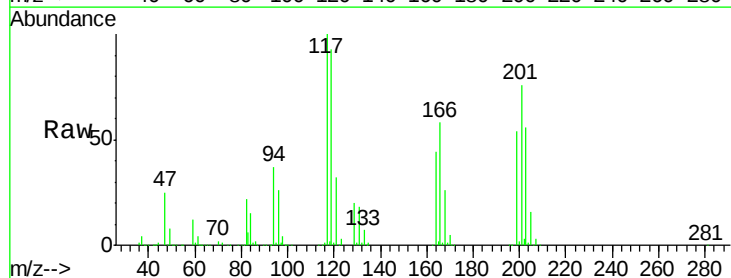
Manual Integrations
APPROVED

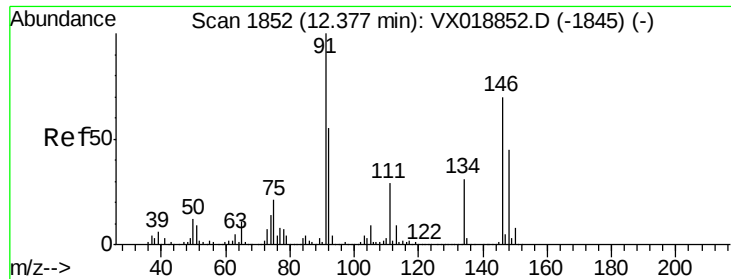
MMDadoda
10/13/2020 2:19:13 PM



#90
Hexachloroethane
Concen: 48.224 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		106813		
201	84.1	37.4		112.2	





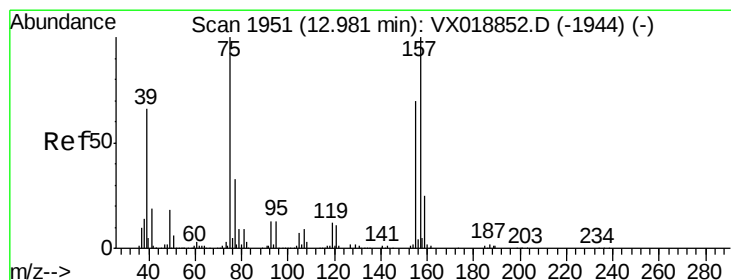
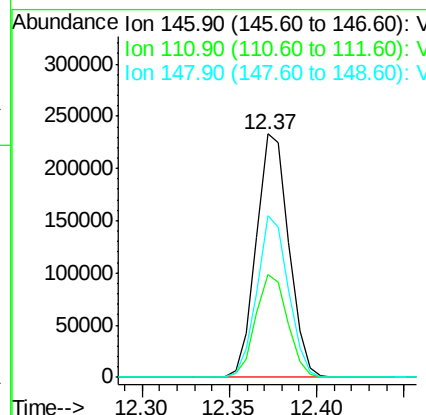
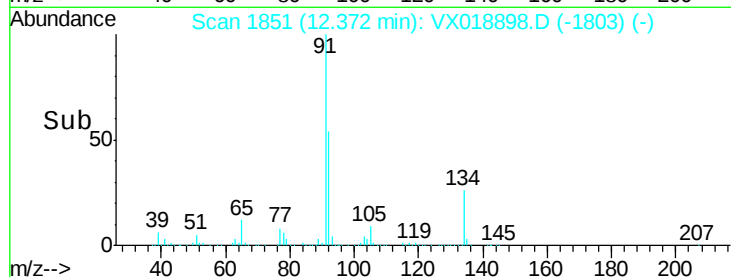
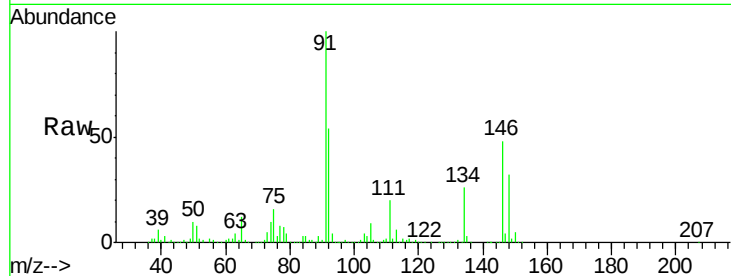
#91
1,2-Dichlorobenzene
Concen: 48.376 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.6	61.9
148	64.5	31.1	93.2

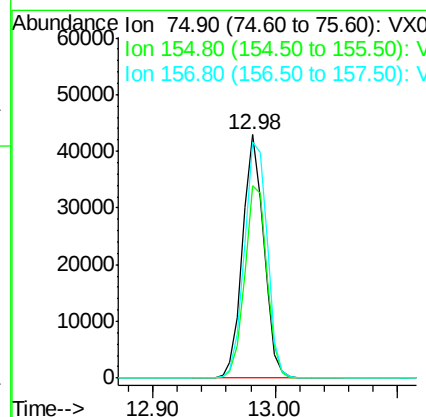
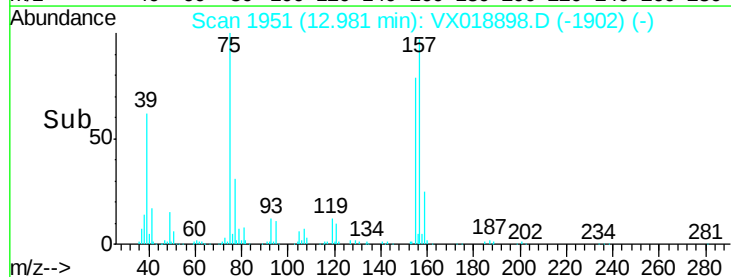
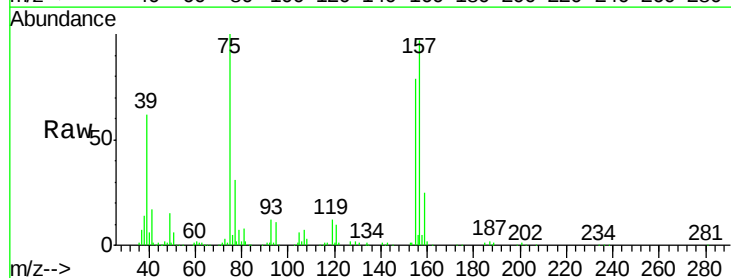
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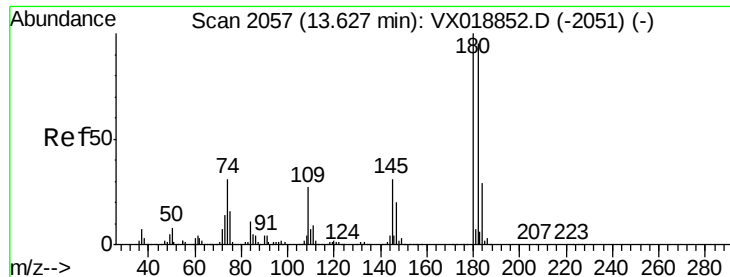
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#92
1,2-Dibromo-3-Chloropropane
Concen: 46.193 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.3	38.0	113.9
157	104.0	50.9	152.7





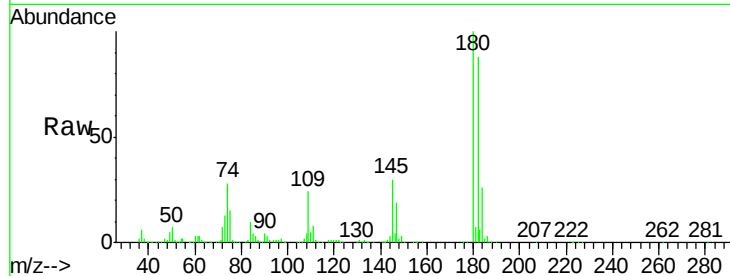
#93
 1,2,4-Trichlorobenzene
 Concen: 53.979 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

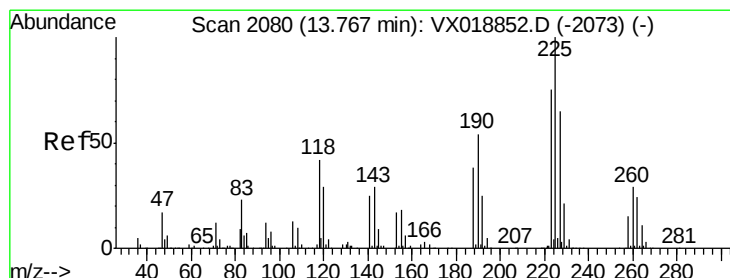
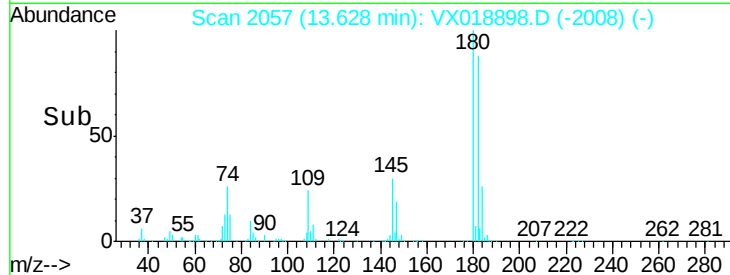
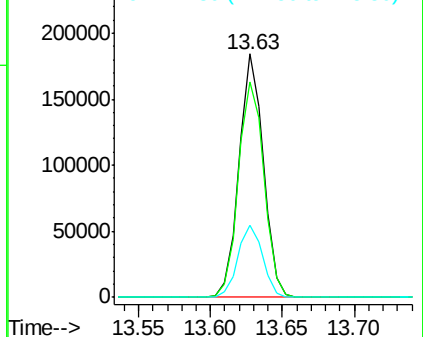
Tot Ion	Ratio	Resp	Lower	Upper
180	100	216411		
182	92.9	49.1	147.3	
145	30.3	16.0	48.0	

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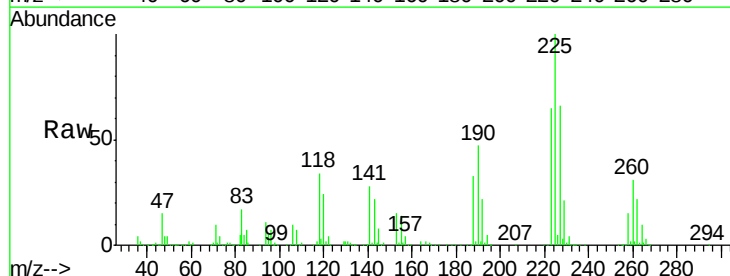


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

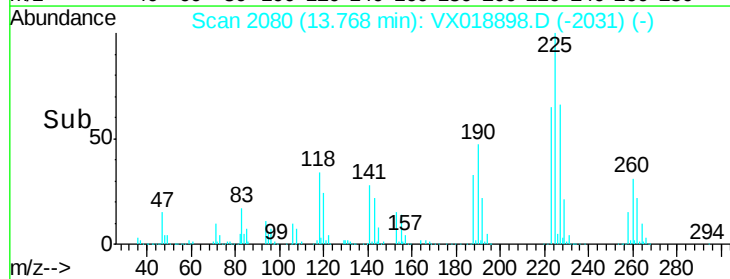
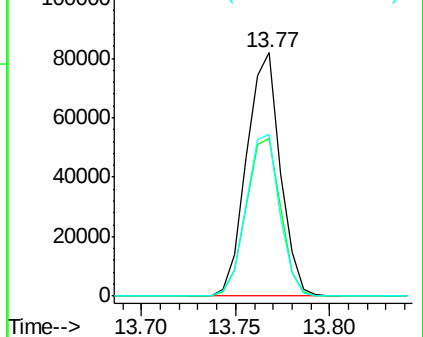


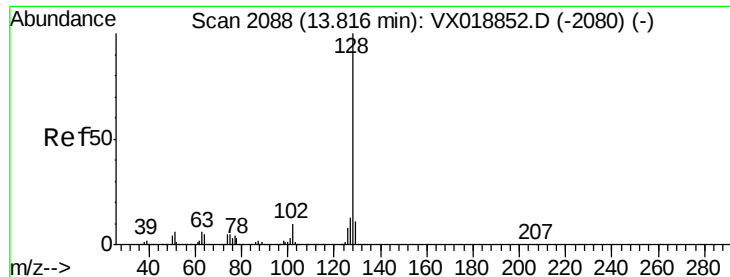
#94
 Hexachlorobutadiene
 Concen: 57.138 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101748		
223	65.7	32.1	96.3	
227	66.5	33.0	98.9	



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





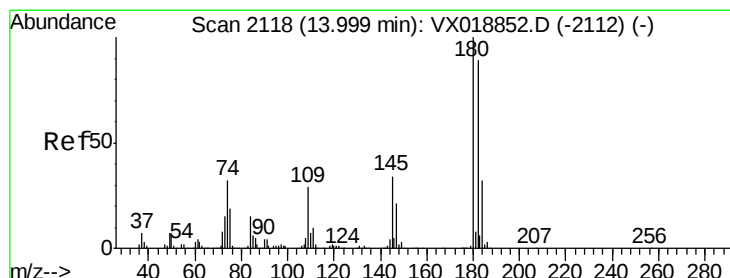
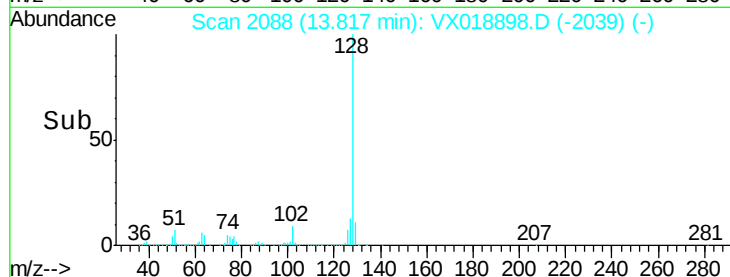
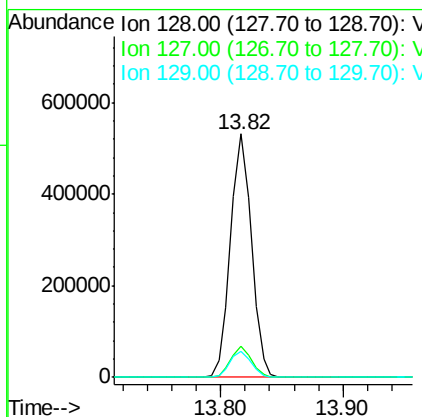
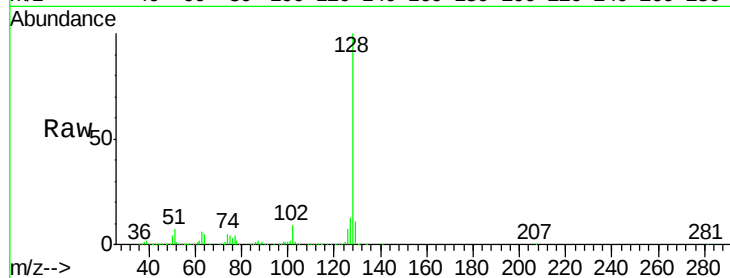
#95
Naphthalene
Concen: 47.249 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 53.682 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.7	143.1
145	32.9	16.7	50.0

