

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018871.D
 Acq On : 09 Oct 2020 21:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:36 PM

Quant Time: Oct 10 07:13:46 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	201045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	300844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	301447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	165258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	146663	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	5.46	113	105595	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.70	98	374178	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	157401	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118772	49.961	ug/l	99
3) Chloromethane	1.31	50	95577	50.722	ug/l	99
4) Vinyl Chloride	1.39	62	103423	49.100	ug/l	97
5) Bromomethane	1.63	94	58961	50.259	ug/l	99
6) Chloroethane	1.71	64	69618	49.348	ug/l	100
7) Trichlorofluoromethane	1.92	101	206258	49.678	ug/l	99
8) Diethyl Ether	2.17	74	58478	50.530	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97360	48.826	ug/l	98
10) Methyl Iodide	2.49	142	75082	36.968	ug/l	100
11) Tert butyl alcohol	3.01	59	111787	239.364	ug/l	100
12) 1,1-Dichloroethene	2.36	96	93398	50.334	ug/l	94
13) Acrolein	2.27	56	82735	212.925	ug/l	97
14) Allyl chloride	2.71	41	179000	53.173	ug/l	94
15) Acrylonitrile	3.12	53	250806	253.220	ug/l	99
16) Acetone	2.42	43	258761	230.795	ug/l	100
17) Carbon Disulfide	2.55	76	263961	48.483	ug/l	99
18) Methyl Acetate	2.75	43	122050	49.515	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	318582	51.175	ug/l	99
20) Methylene Chloride	2.84	84	108231	51.161	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	108483	50.374	ug/l	96
22) Diisopropyl ether	3.82	45	305418	50.693	ug/l	92
23) Vinyl Acetate	3.78	43	1527549	263.626	ug/l	99
24) 1,1-Dichloroethane	3.67	63	192880	47.616	ug/l	99
25) 2-Butanone	4.64	43	389321	242.406	ug/l	99
26) 2,2-Dichloropropane	4.55	77	170826	43.708	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	115863	48.447	ug/l	97
28) Bromochloromethane	4.98	49	84935	47.552	ug/l	98
29) Tetrahydrofuran	5.09	42	220790	256.228	ug/l	98
30) Chloroform	5.18	83	214942	48.162	ug/l	95
31) Cyclohexane	5.55	56	139722	50.449	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	203576	48.000	ug/l	99
36) 1,1-Dichloropropene	5.78	75	150125	47.462	ug/l	100
37) Ethyl Acetate	4.79	43	153862	50.371	ug/l	99
38) Carbon Tetrachloride	5.76	117	193320	49.310	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	147191	50.481	ug/l	100
40) Benzene	6.11	78	413762	48.689	ug/l	98
41) Methacrylonitrile	5.00	41	86621	48.884	ug/l	98
42) 1,2-Dichloroethane	6.17	62	188407	47.290	ug/l	99
43) Isopropyl Acetate	6.42	43	252309	49.703	ug/l	99
44) Trichloroethene	7.19	130	122316	47.995	ug/l	98
45) 1,2-Dichloropropane	7.49	63	108302	48.165	ug/l	100
46) Dibromomethane	7.63	93	81690	49.161	ug/l	98
47) Bromodichloromethane	7.87	83	175817	48.826	ug/l	95
48) Methyl methacrylate	7.74	41	129185	50.153	ug/l	98
49) 1,4-Dioxane	7.72	88	34842	964.689	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	791354	267.091	ug/l	100
52) Toluene	8.76	92	272881	50.038	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	185186	49.667	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	188049	49.028	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	113254	48.348	ug/l	96
56) Ethyl methacrylate	9.16	69	167813	49.129	ug/l	100
57) 1,3-Dichloropropane	9.35	76	190727	50.179	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	437620	258.211	ug/l	99
59) 2-Hexanone	9.47	43	601557	266.487	ug/l	100
60) Dibromochloromethane	9.57	129	143939	48.950	ug/l	98
61) 1,2-Dibromoethane	9.65	107	123332	49.097	ug/l	99
64) Tetrachloroethene	9.32	164	102583	46.524	ug/l	98
65) Chlorobenzene	10.12	112	306411	47.036	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	129187	48.069	ug/l	96
67) Ethyl Benzene	10.23	91	538513	49.002	ug/l	99
68) m/p-Xylenes	10.34	106	408491	97.836	ug/l	100
69) o-Xylene	10.68	106	194146	49.353	ug/l	99
70) Styrene	10.70	104	338782	50.870	ug/l	99
71) Bromoform	10.84	173	111192	47.834	ug/l #	99
73) Isopropylbenzene	11.00	105	547963	50.688	ug/l	99
74) N-amyl acetate	10.88	43	231253	54.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	173875	48.257	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	166546m	46.772	ug/l	
77) Bromobenzene	11.24	156	146930	49.478	ug/l	99
78) n-propylbenzene	11.34	91	618536	50.213	ug/l	100
79) 2-Chlorotoluene	11.40	91	376033	48.972	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	474160	51.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	58018	46.175	ug/l	98
82) 4-Chlorotoluene	11.49	91	452734	49.586	ug/l	99
83) tert-Butylbenzene	11.76	119	465610	50.280	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	475984	50.636	ug/l	100
85) sec-Butylbenzene	11.93	105	526555	50.473	ug/l	98
86) p-Isopropyltoluene	12.05	119	508122	51.340	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	260261	47.721	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	268942	48.684	ug/l	97
89) n-Butylbenzene	12.37	91	426610	49.610	ug/l	99
90) Hexachloroethane	12.58	117	84713	46.040	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	250409	48.236	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44462	48.249	ug/l	99

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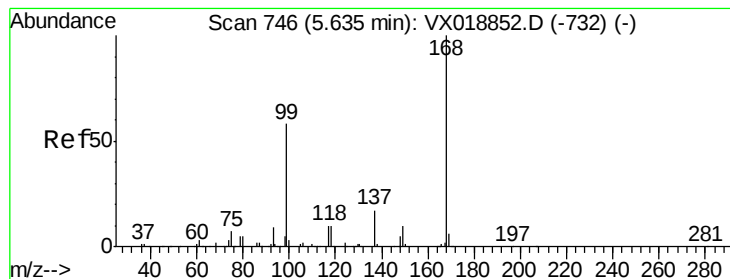
Manual Integrations
APPROVED

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10/12/2020 2:23:36 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	162048	48.657	ug/l	99
94) Hexachlorobutadiene	13.76	225	74075	50.075	ug/l	96
95) Naphthalene	13.82	128	510402	46.155	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	161552	49.579	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: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 201045

Ion Ratio Lower Upper

168 100

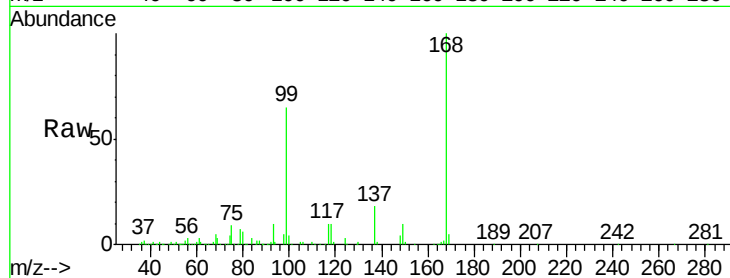
99 65.1 46.1 69.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

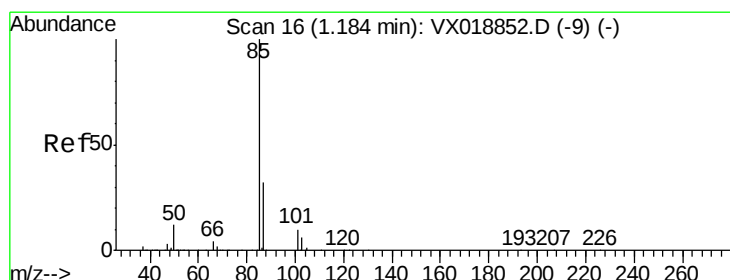
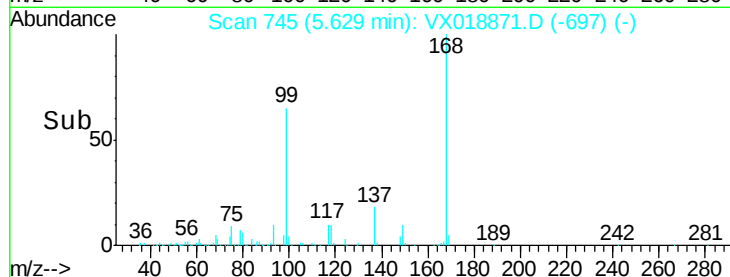
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.961 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018871.D

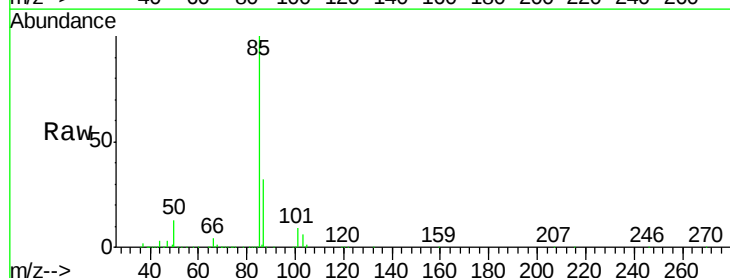
Acq: 09 Oct 2020 21:32

Tgt Ion: 85 Resp: 118772

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

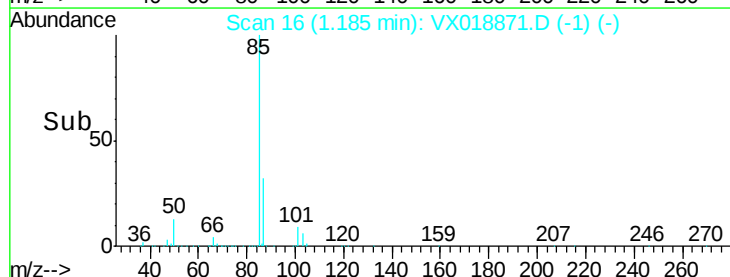
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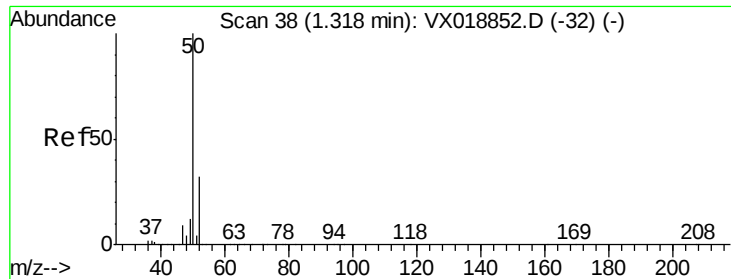
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50000

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Time-->





#3

Chloromethane

Concen: 50.722 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 95577

Ion Ratio Lower Upper

50 100

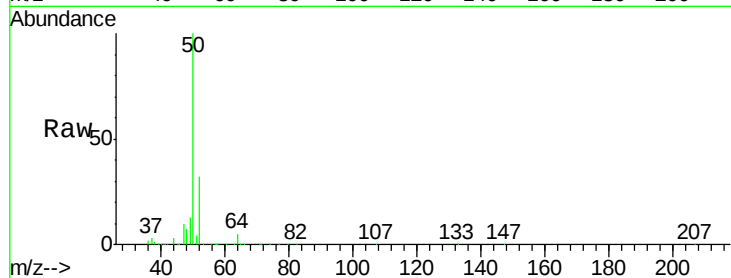
52 32.2 25.2 37.8

Manual Integrations

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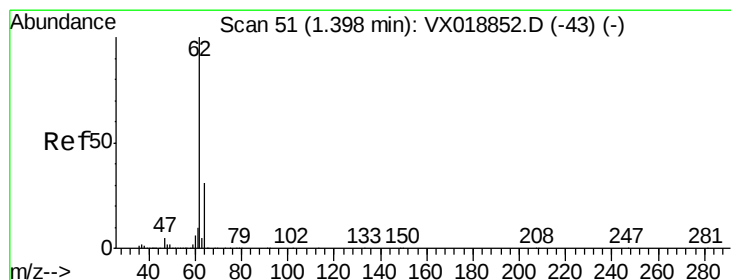
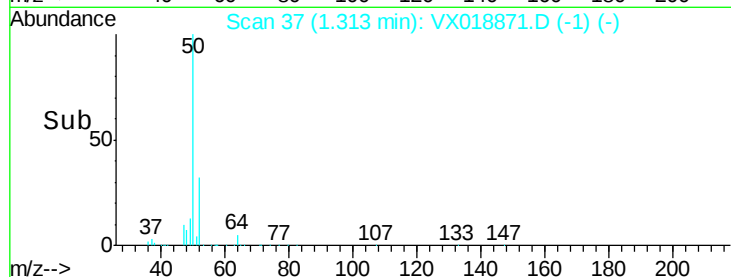
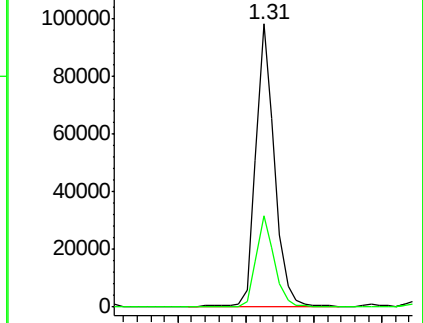
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.100 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018871.D

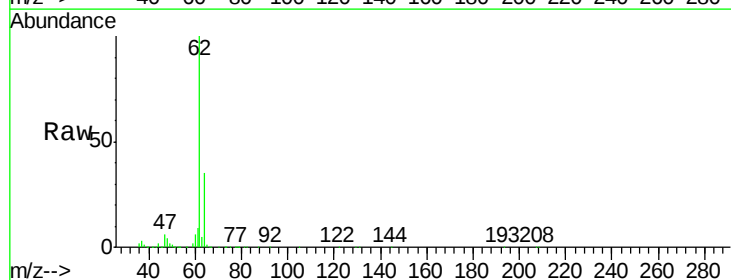
Acq: 09 Oct 2020 21:32

Tgt Ion: 62 Resp: 103423

Ion Ratio Lower Upper

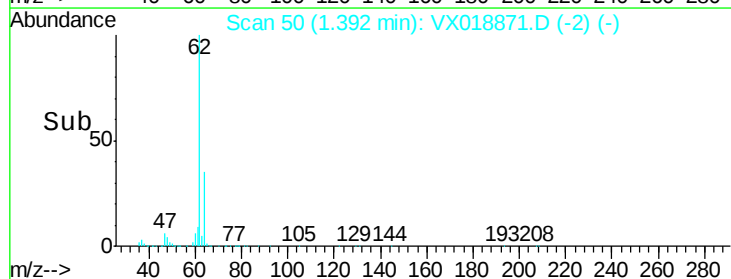
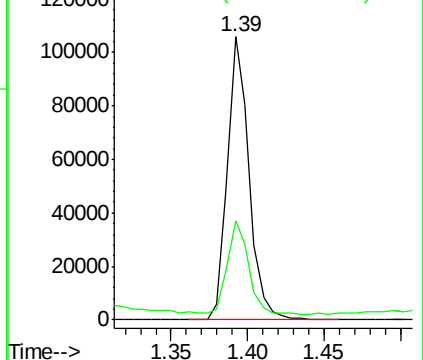
62 100

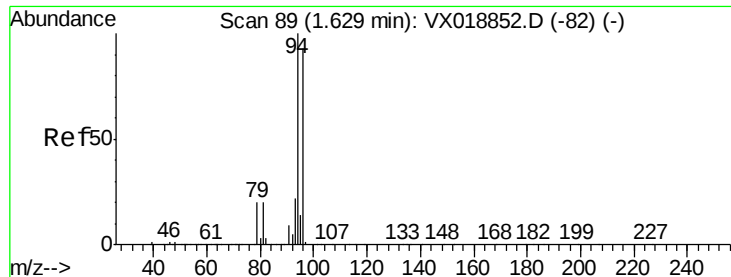
64 32.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.259 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 58961

Ion Ratio Lower Upper

94 100

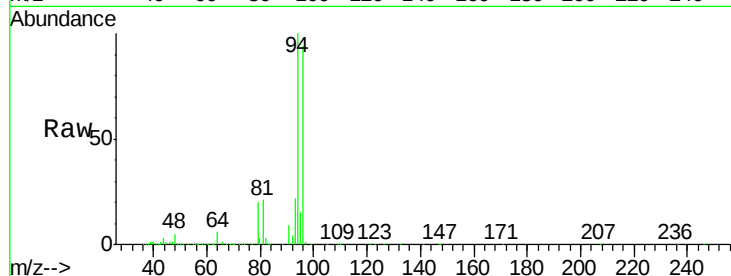
96 93.8 74.5 111.7

Manual Integrations

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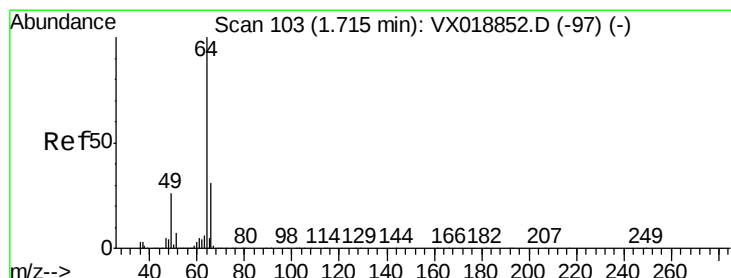
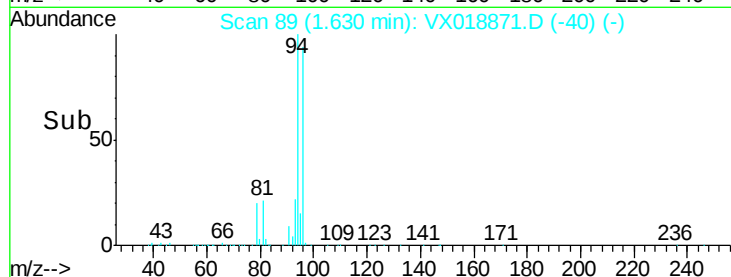
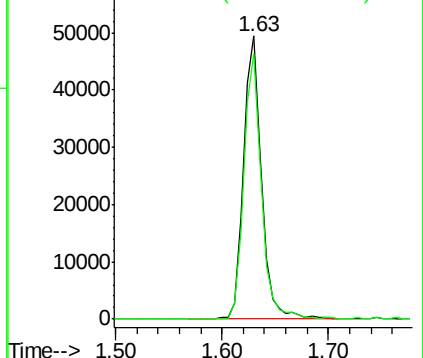
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.348 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018871.D

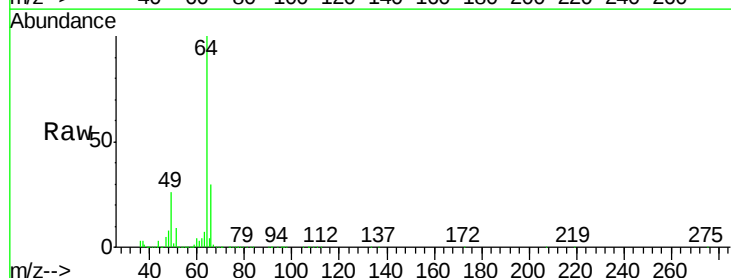
Acq: 09 Oct 2020 21:32

Tgt Ion: 64 Resp: 69618

Ion Ratio Lower Upper

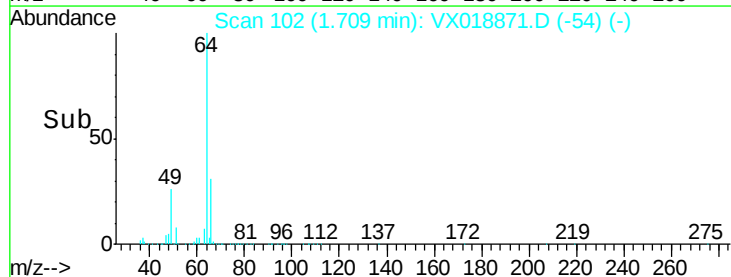
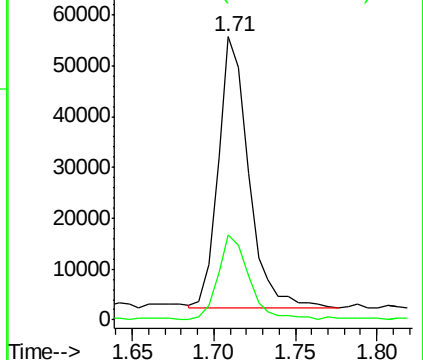
64 100

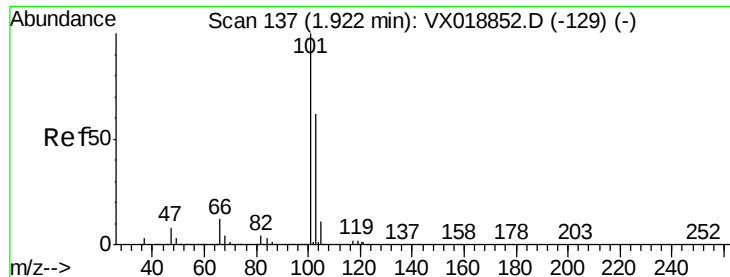
66 31.1 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

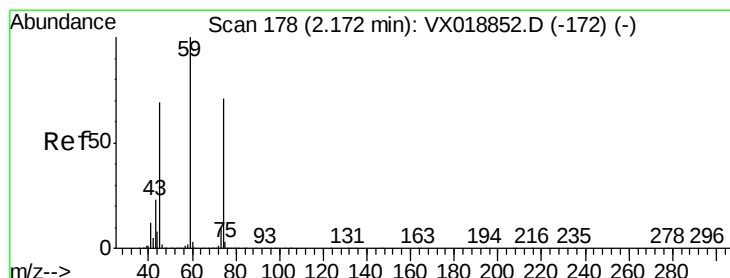
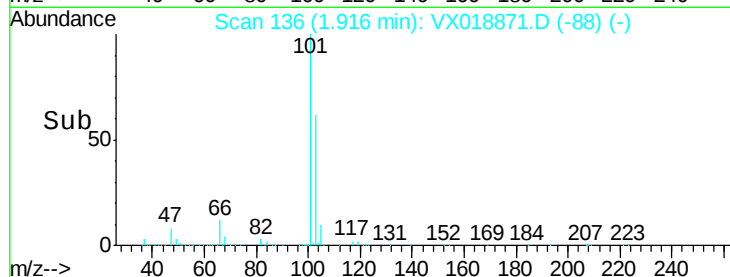
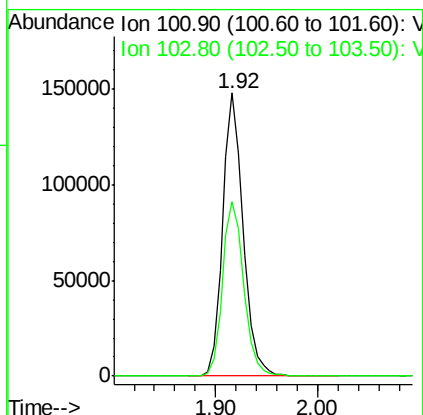
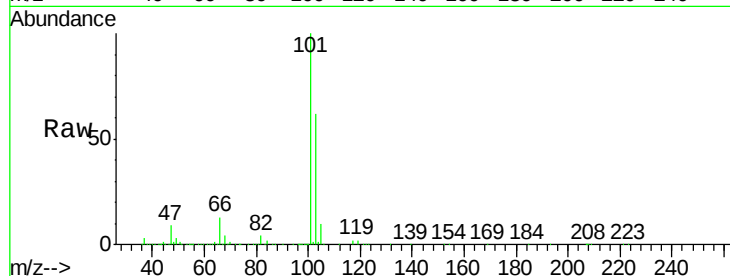
Trichlorofluoromethane
Concen: 49.678 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		206258		
103	61.8	50.0	75.0		

Manual Integrations
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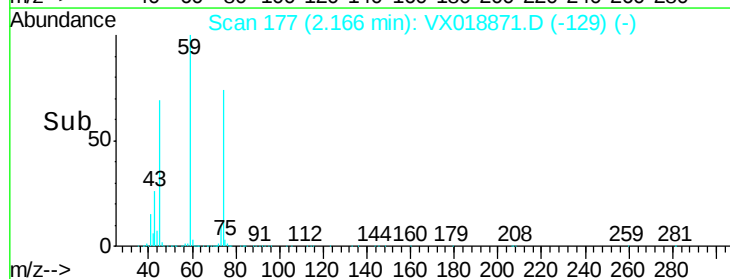
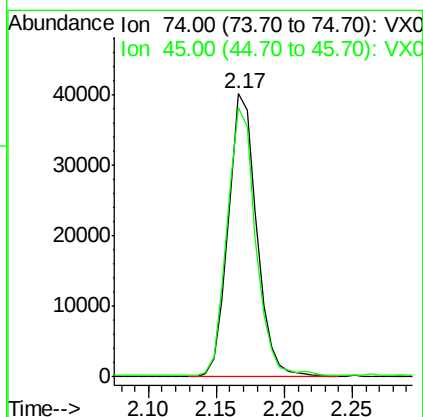
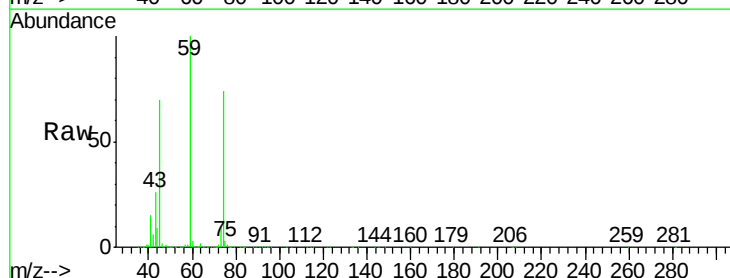
MMDadoda
10/12/2020 2:23:36 PM

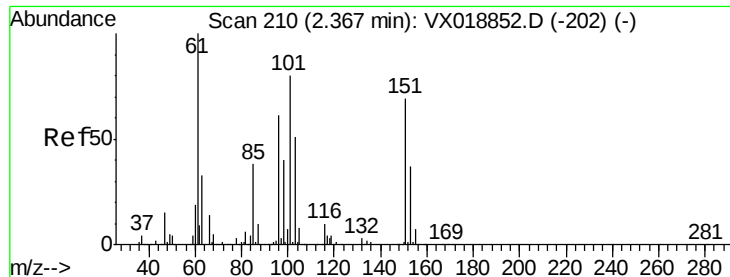


#8

Diethyl Ether
Concen: 50.530 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		58478		
45	94.9	47.0	141.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.826 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

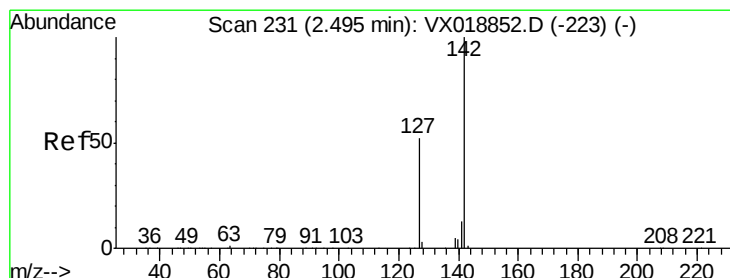
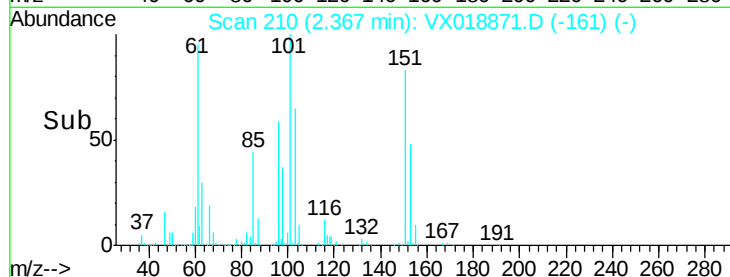
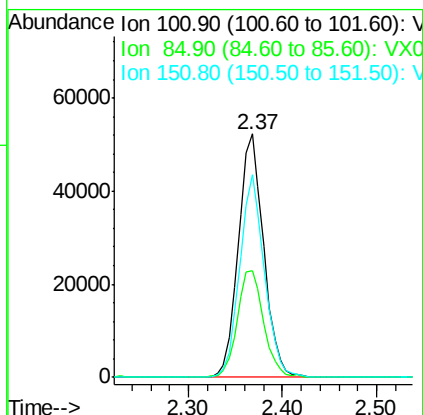
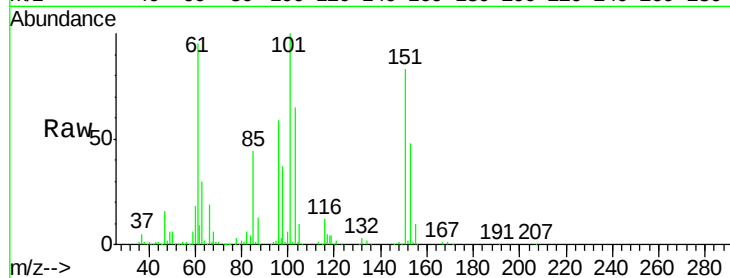
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	97360
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.6	55.0
151	81.4	67.2	100.8

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#10

Methyl Iodide

Concen: 36.968 ug/l

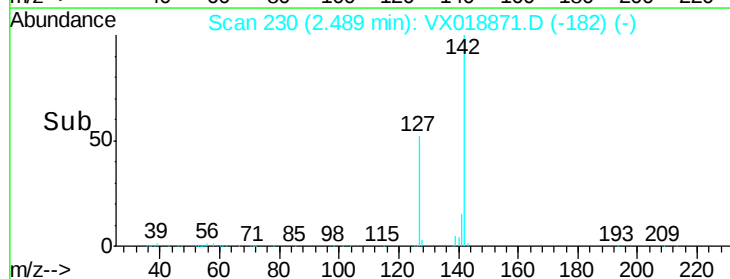
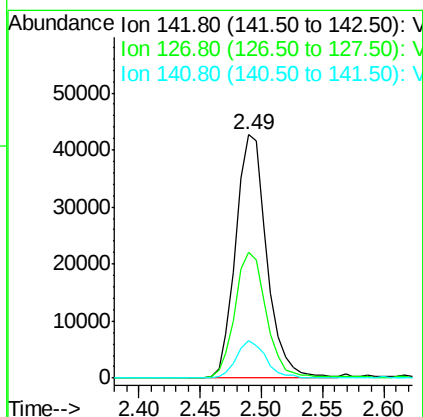
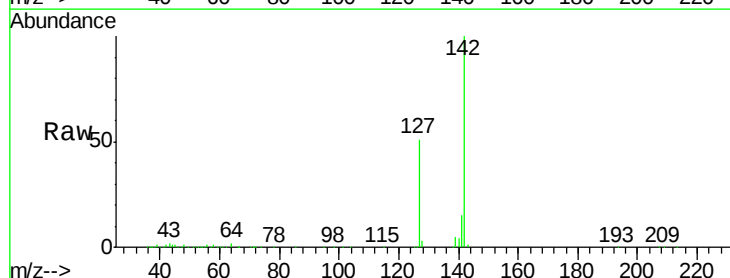
RT: 2.49 min Scan# 230

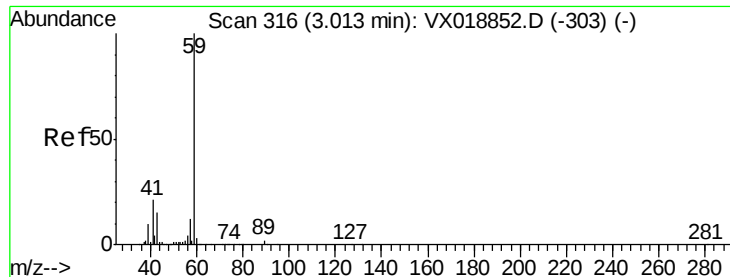
Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion:	142	Resp:	75082
Ion Ratio	Lower	Upper	
142	100		
127	52.4	42.0	63.0
141	14.7	11.8	17.6





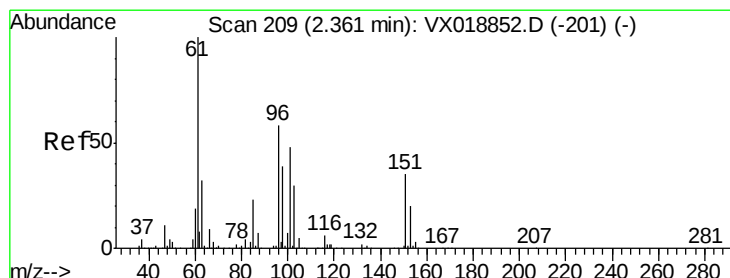
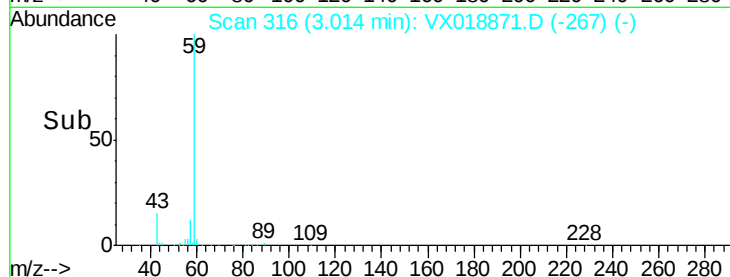
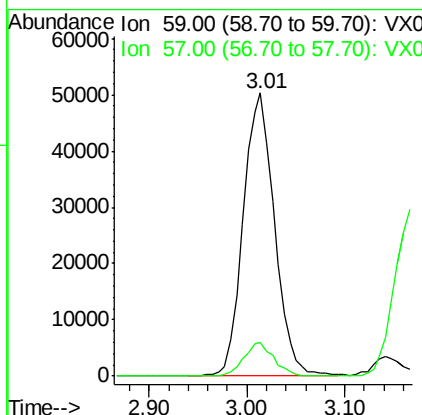
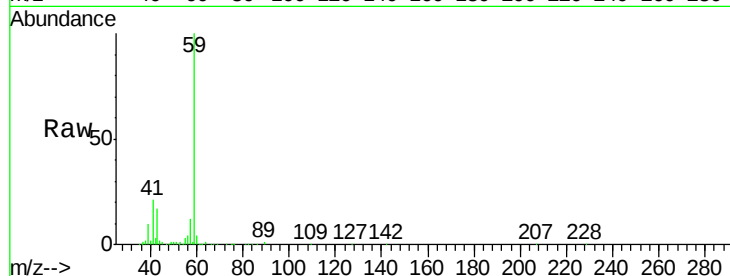
#11
Tert butyl alcohol
Concen: 239.364 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	9.0	13.6

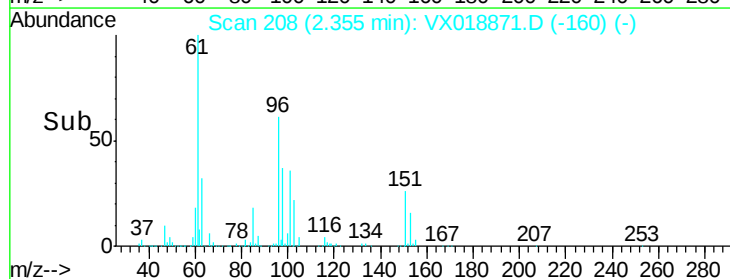
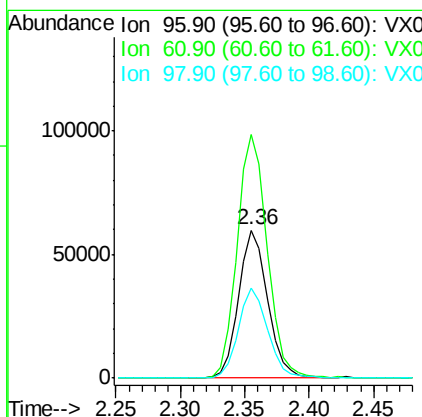
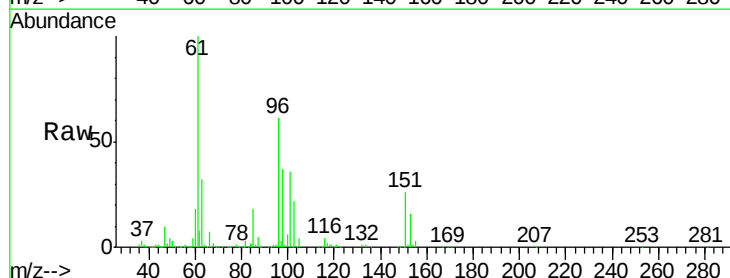
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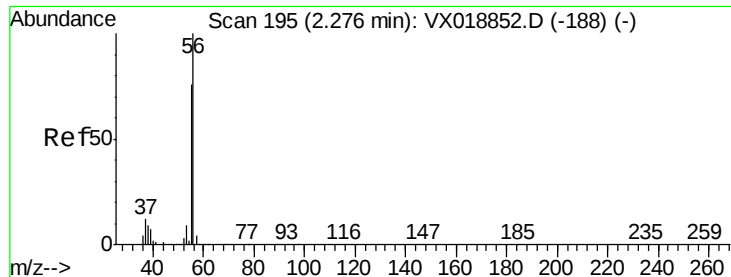
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.334 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.6	137.0	205.6
98	60.7	53.9	80.9





#13

Acrolein

Concen: 212.925 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 82735

Ion Ratio Lower Upper

56 100

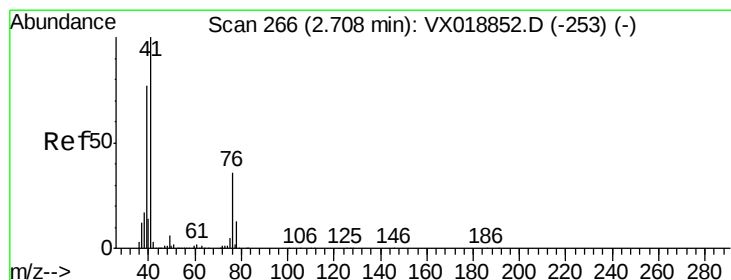
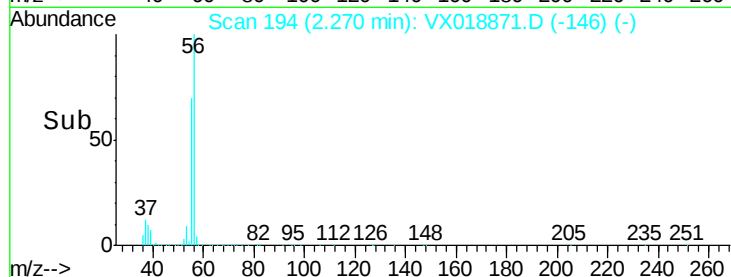
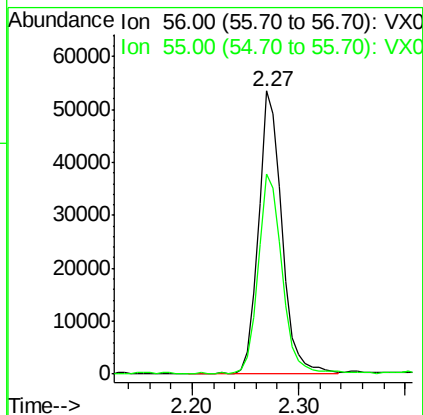
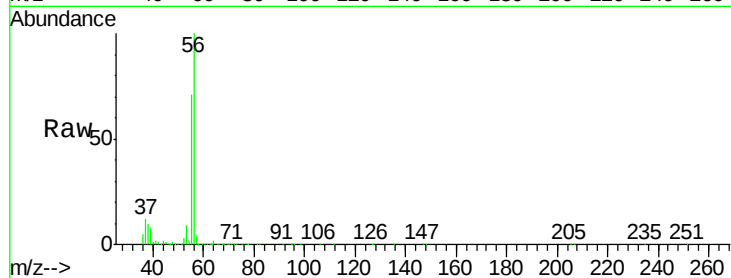
55 70.8 58.6 87.8

Manual Integrations

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#14

Allyl chloride

Concen: 53.173 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

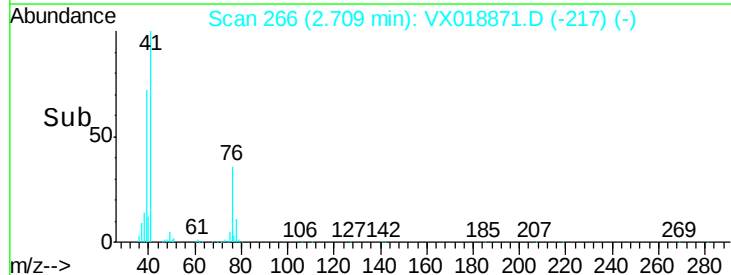
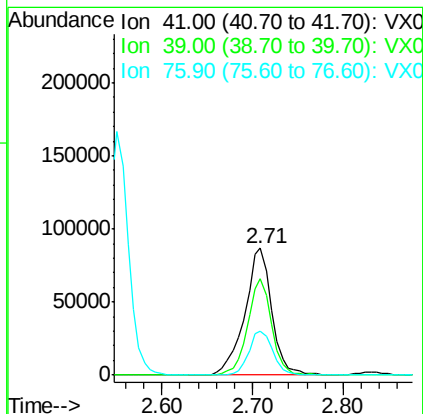
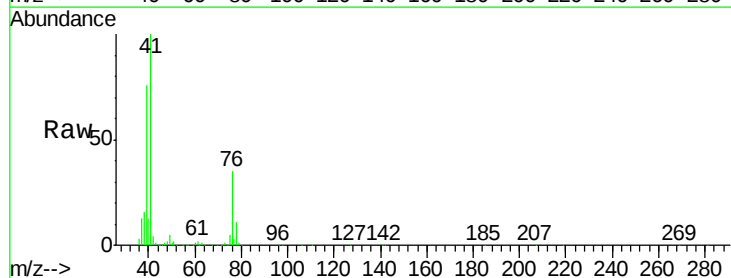
Tgt Ion: 41 Resp: 179000

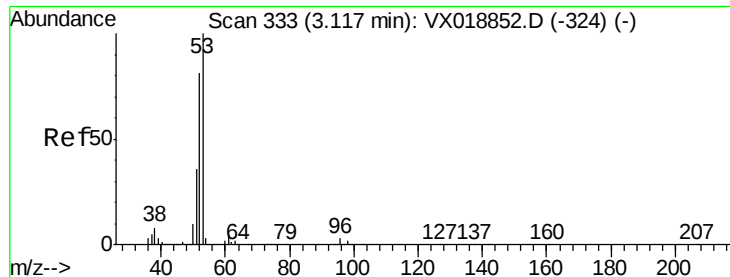
Ion Ratio Lower Upper

41 100

39 67.3 57.8 86.8

76 30.7 26.8 40.2





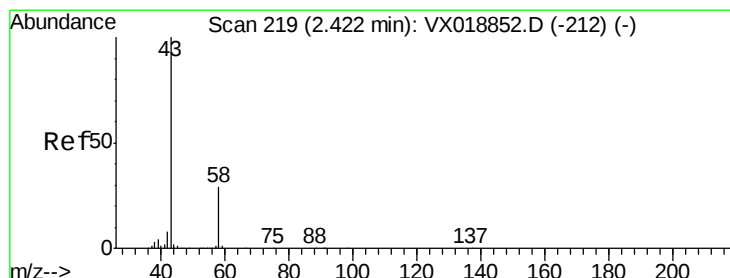
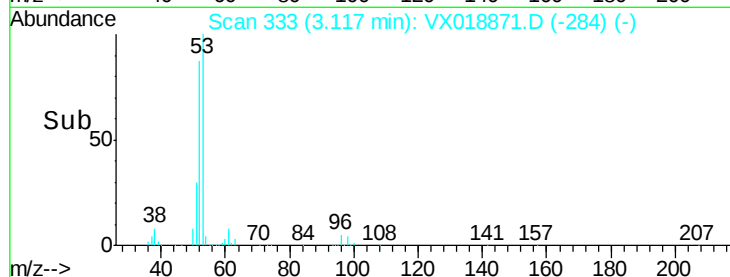
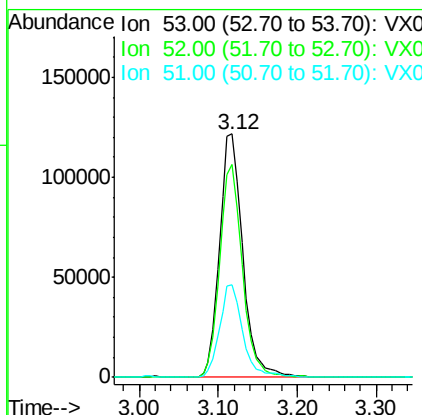
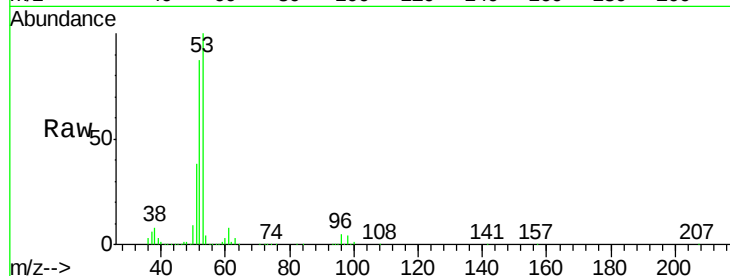
#15
 Acrylonitrile
 Concen: 253.220 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	84.8	66.7	100.1
51	38.2	30.3	45.5

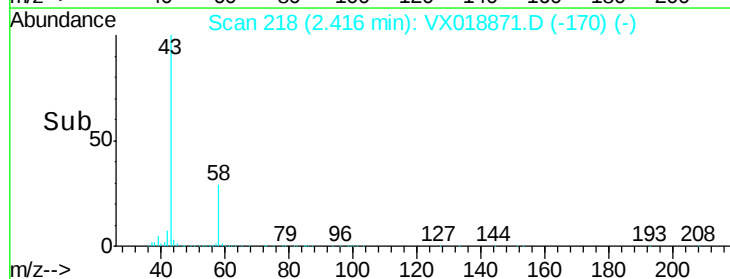
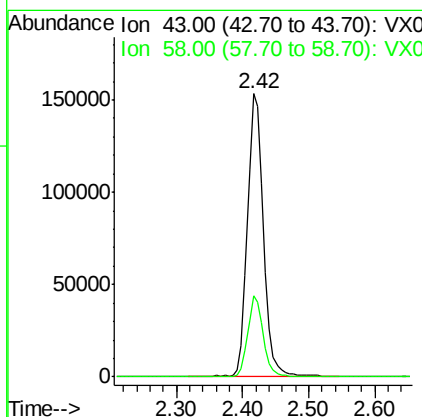
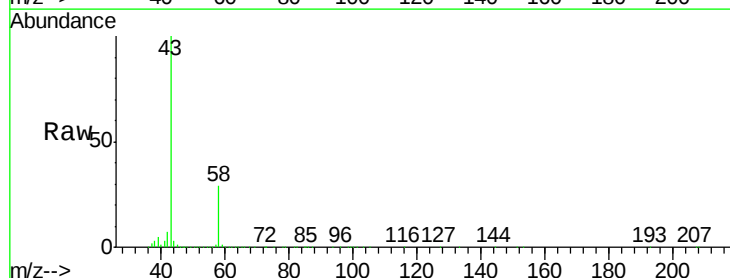
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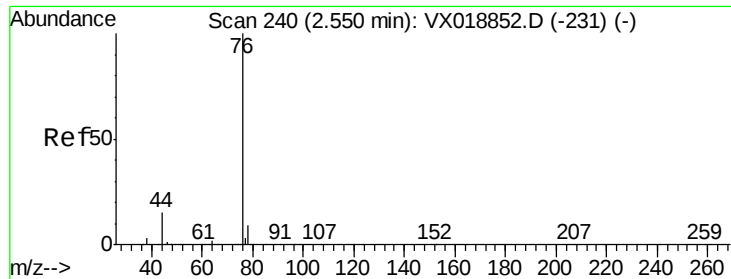
MMDadoda
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#16
 Acetone
 Concen: 230.795 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.8	23.0	34.4





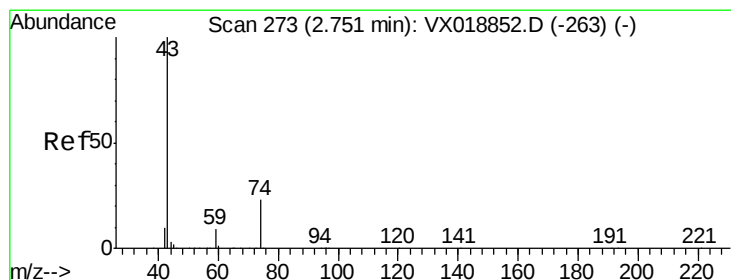
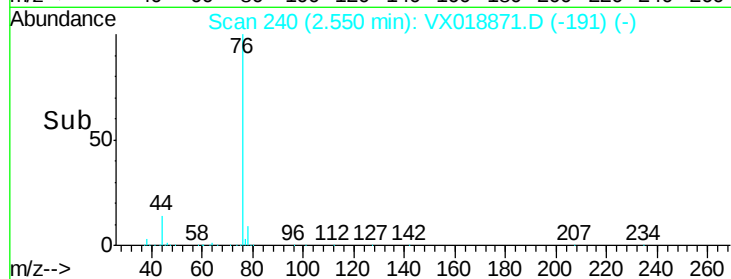
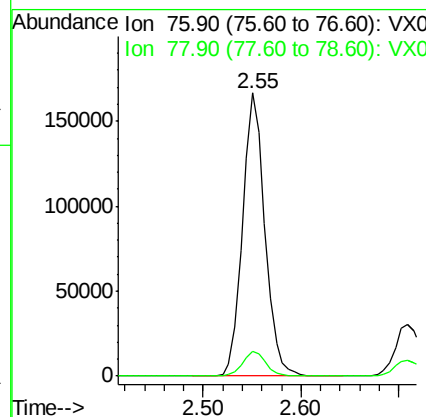
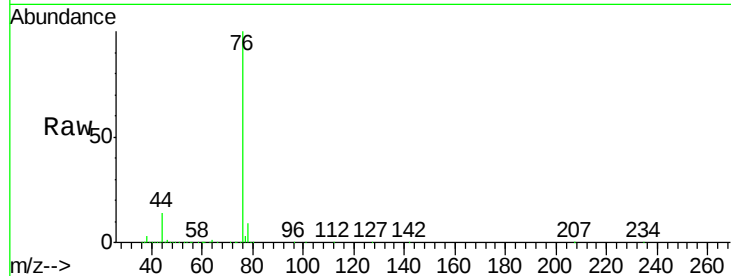
#17
Carbon Disulfide
Concen: 48.483 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9

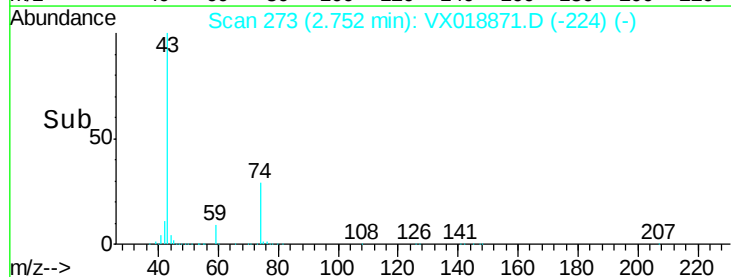
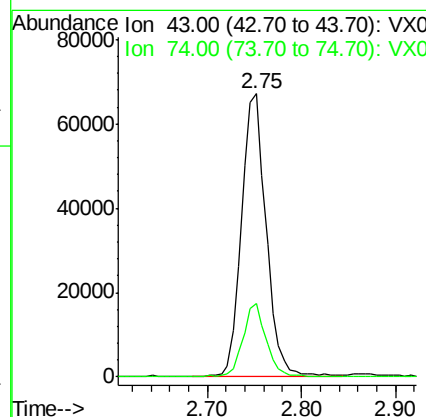
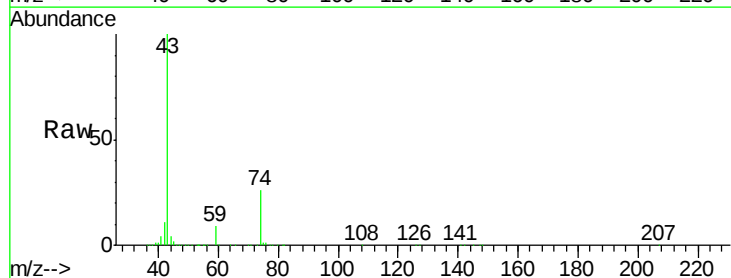
Manual Integrations
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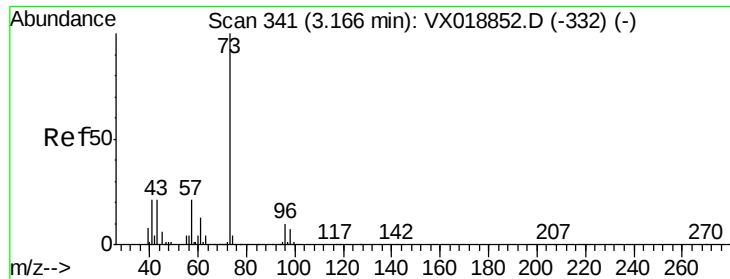
MMDadoda
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#18
Methyl Acetate
Concen: 49.515 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	18.9	28.3





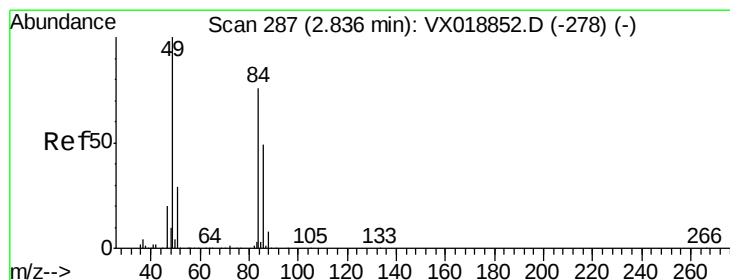
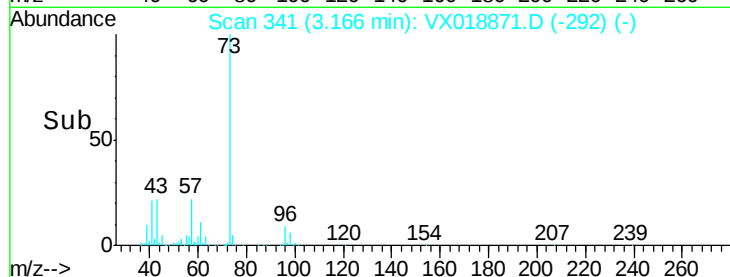
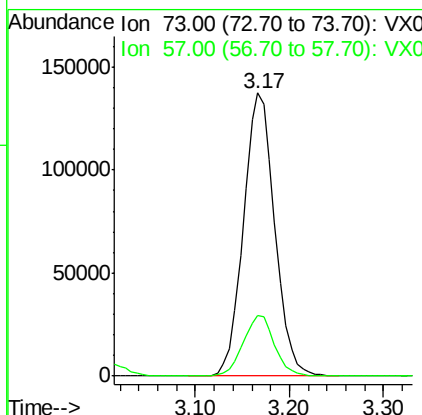
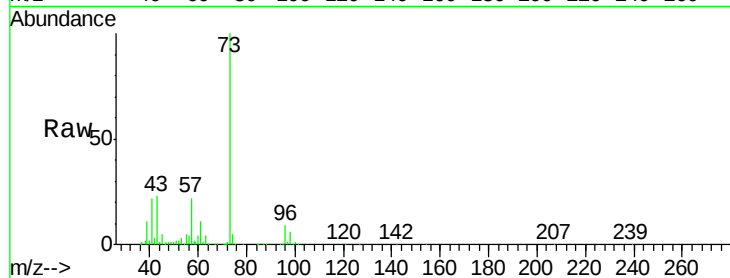
#19
Methyl tert-butyl Ether
Concen: 51.175 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.7	25.1

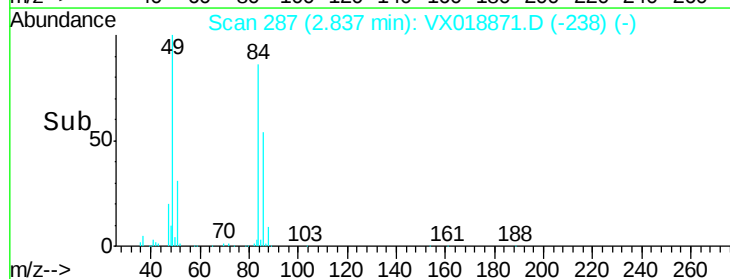
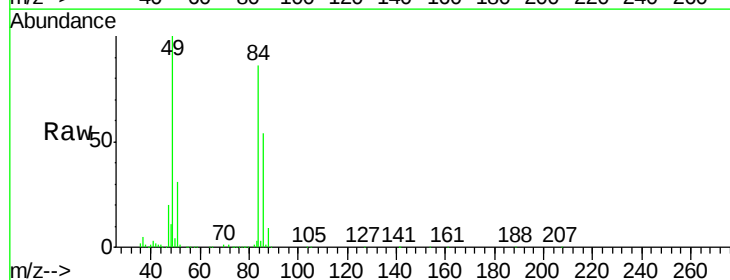
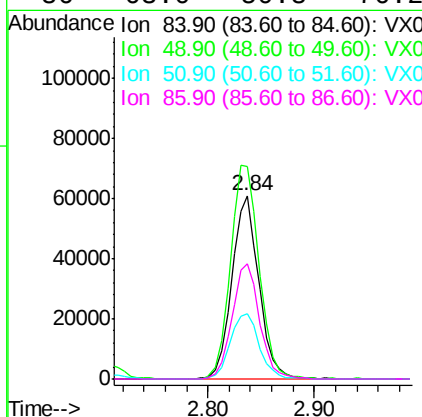
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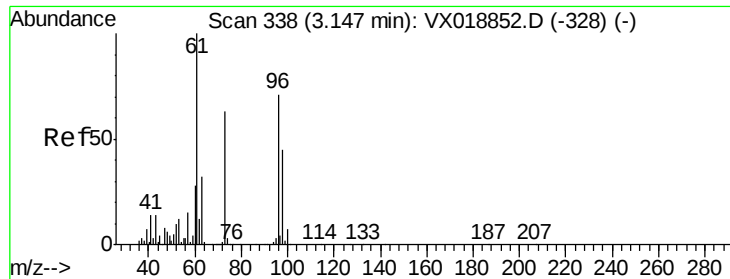
MMDadoda
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#20
Methylene Chloride
Concen: 51.161 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.2	104.8	157.2
51	36.0	30.6	46.0
86	63.0	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 50.374 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

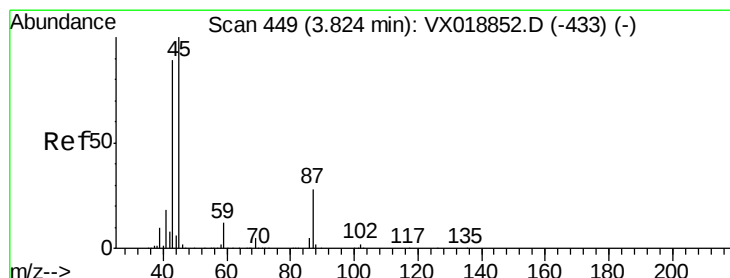
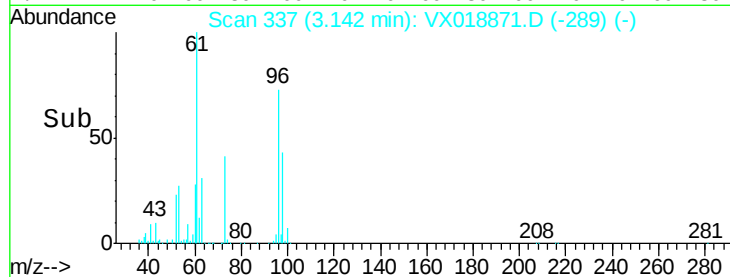
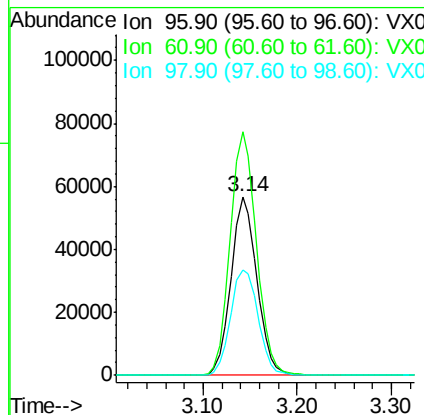
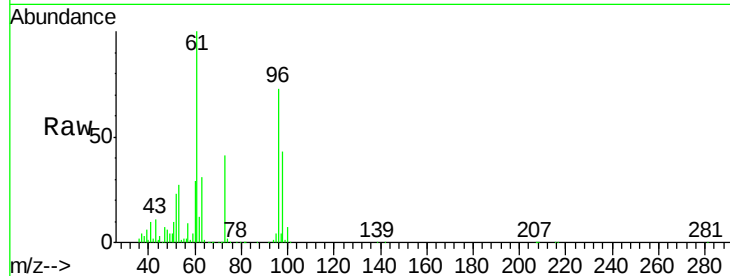
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	108483
Ion	Ratio	Lower	Upper
96	100		
61	136.2	112.0	168.0
98	59.1	50.2	75.2

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#22

Diisopropyl ether

Concen: 50.693 ug/l

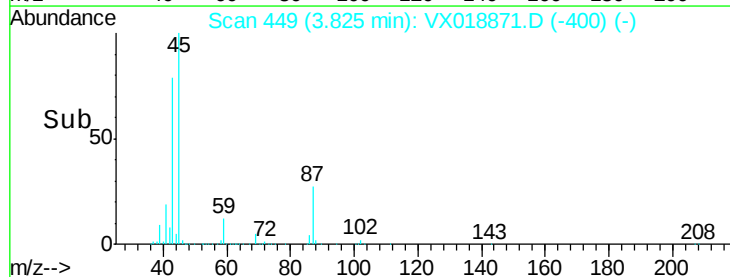
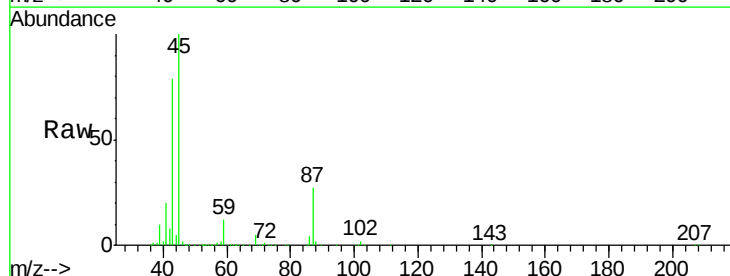
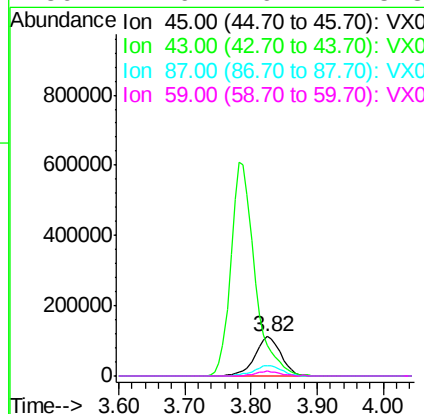
RT: 3.82 min Scan# 449

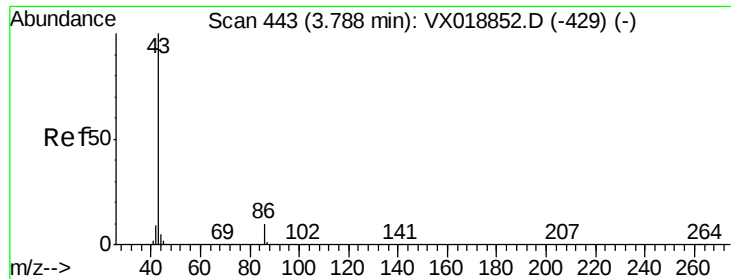
Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion:	45	Resp:	305418
Ion	Ratio	Lower	Upper
45	100		
43	78.9	71.2	106.8
87	26.8	22.5	33.7
59	11.6	9.2	13.8





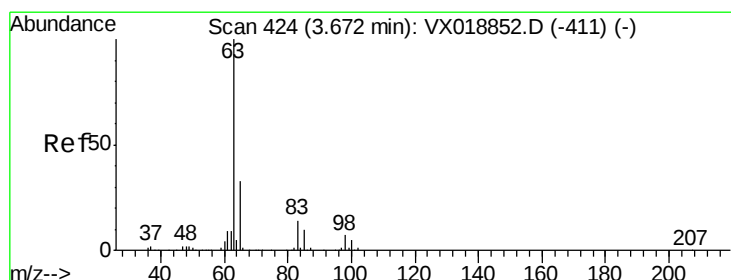
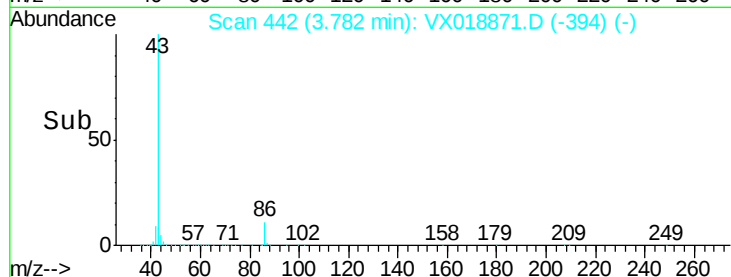
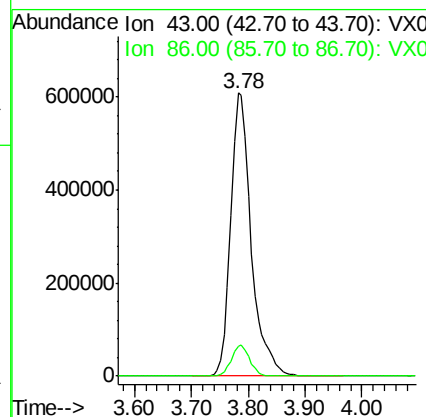
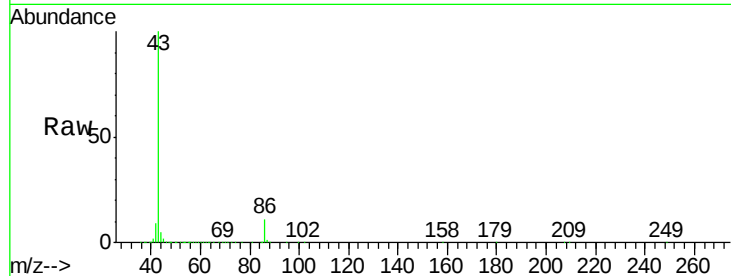
#23
 Vinyl Acetate
 Concen: 263.626 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1527549
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5

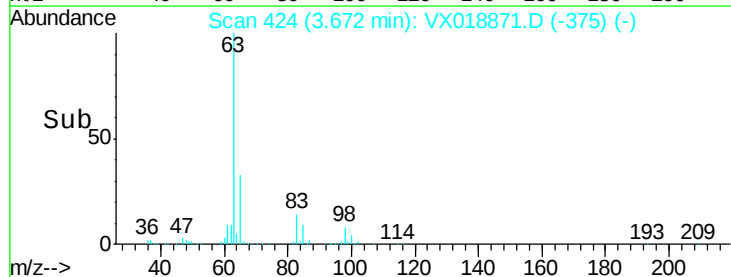
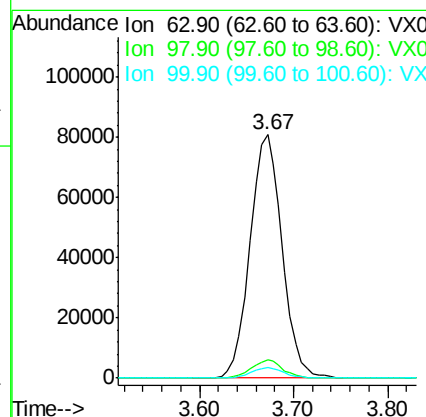
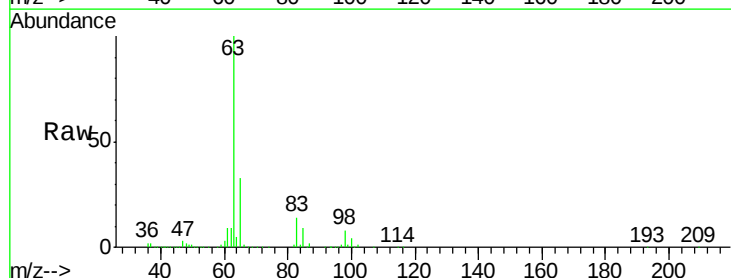
Manual Integrations
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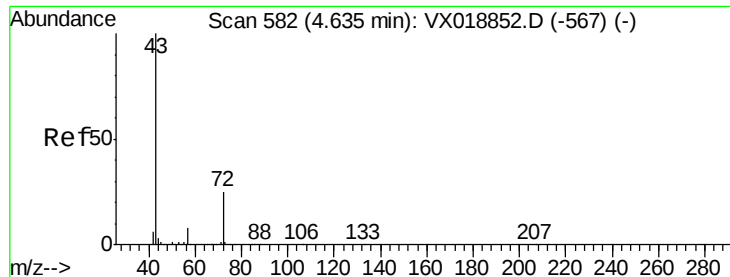
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 47.616 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion: 63 Resp: 192880
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 4.5 2.5 7.6





#25

2-Butanone

Concen: 242.406 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 389321

Ion Ratio Lower Upper

43 100

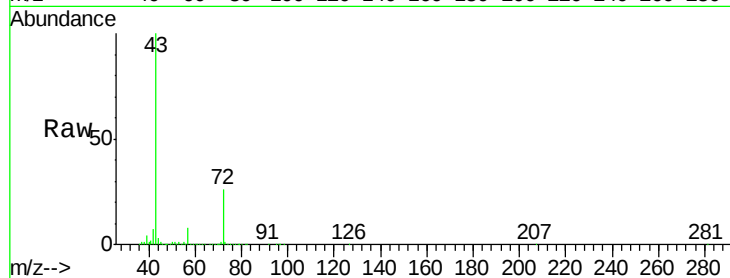
72 26.0 20.2 30.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

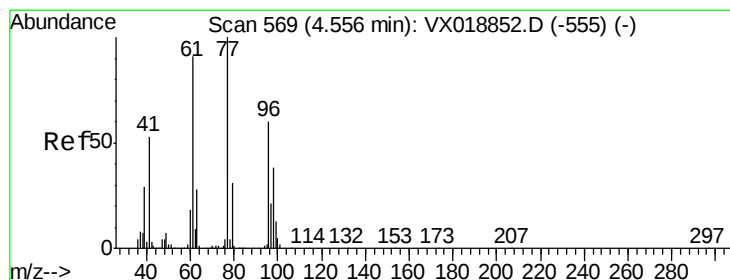
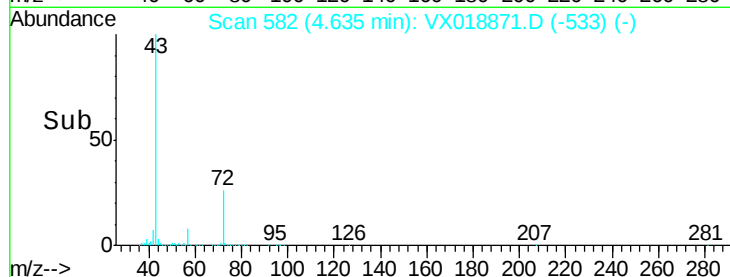
100000

50000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 43.708 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018871.D

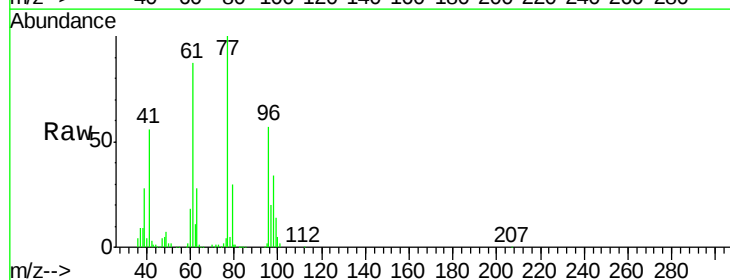
Acq: 09 Oct 2020 21:32

Tgt Ion: 77 Resp: 170826

Ion Ratio Lower Upper

77 100

97 21.0 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

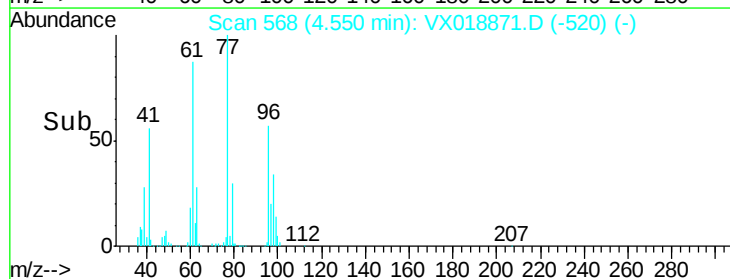
20000

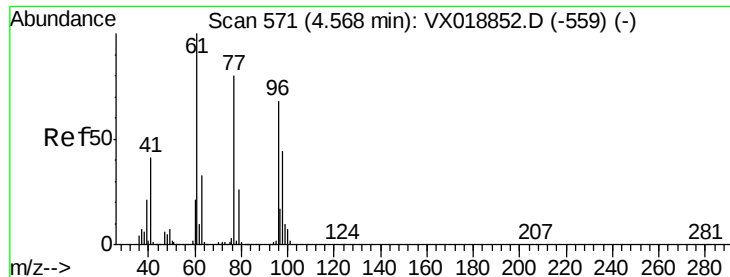
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

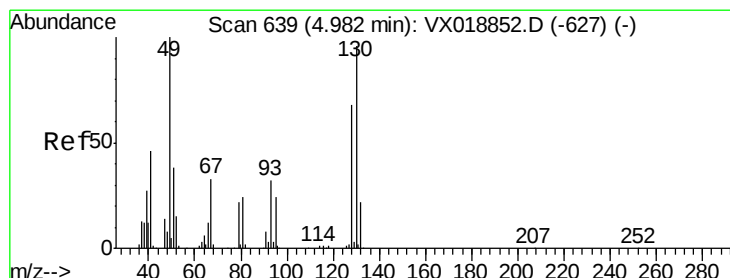
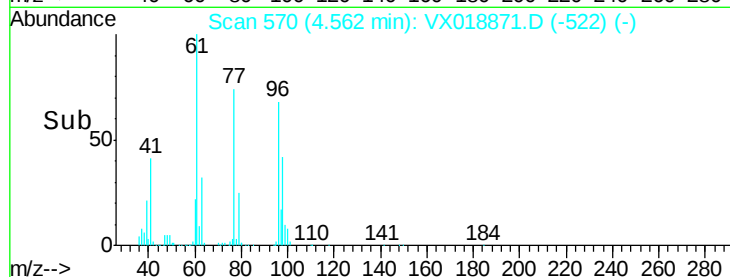
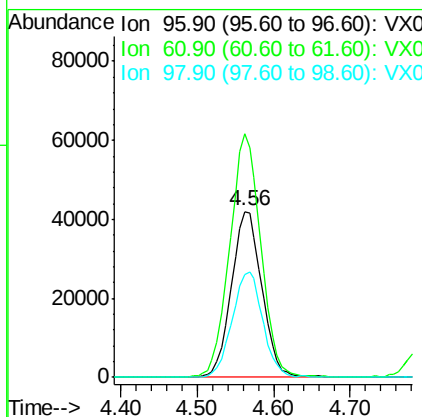
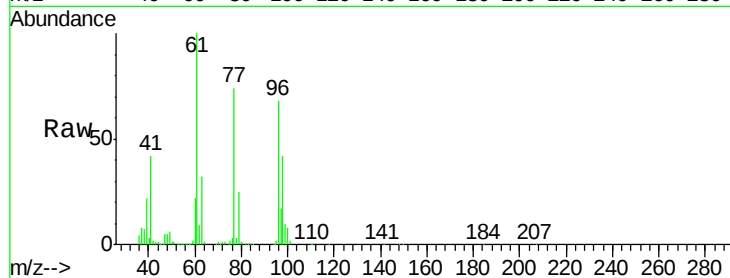
cis-1,2-Dichloroethene
Concen: 48.447 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.4	0.0	306.8	
98	63.9	0.0	130.2	

Manual Integrations
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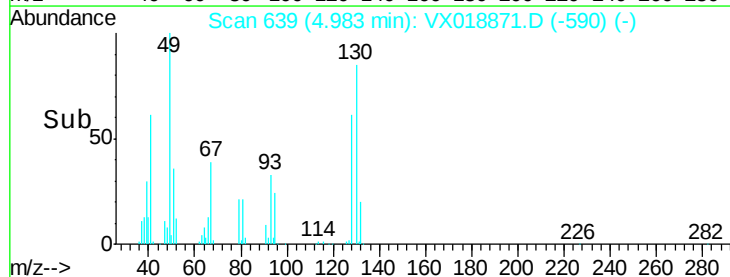
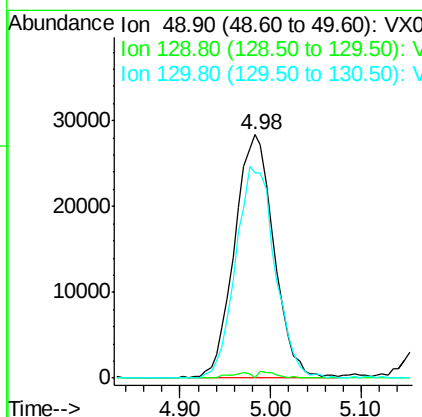
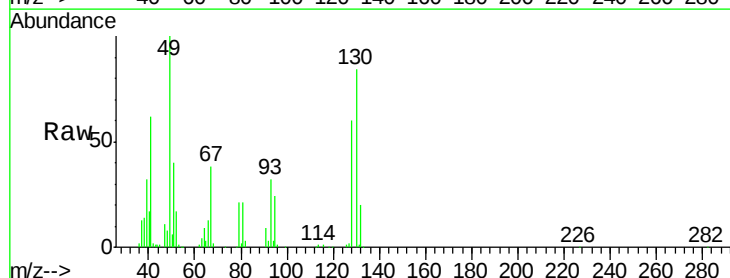
MMDadoda
10/12/2020 2:23:36 PM

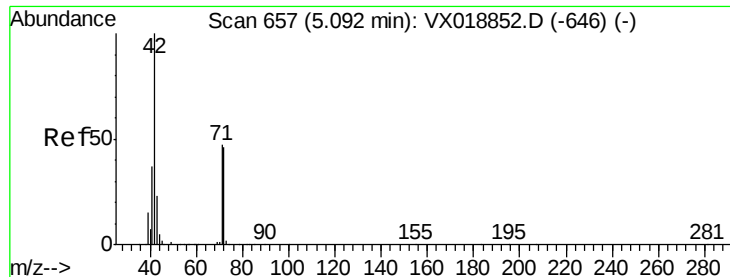


#28

Bromochloromethane
Concen: 47.552 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.2	0.0	5.4	
130	87.4	71.2	106.8	





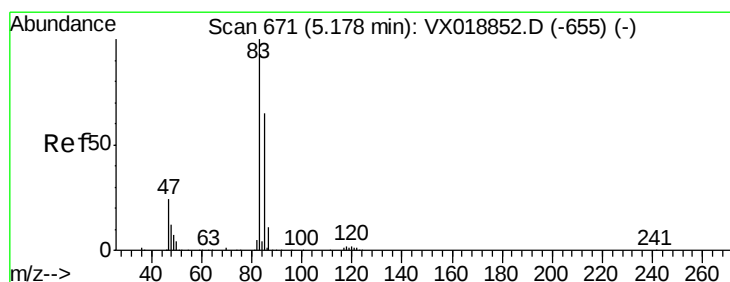
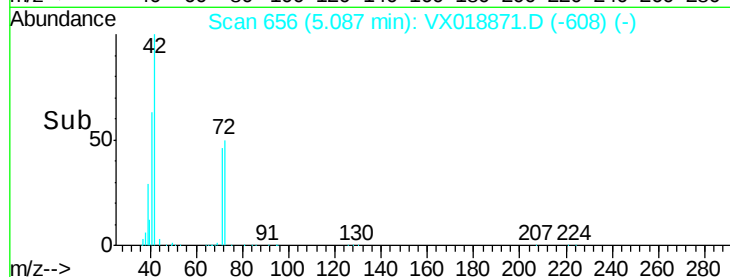
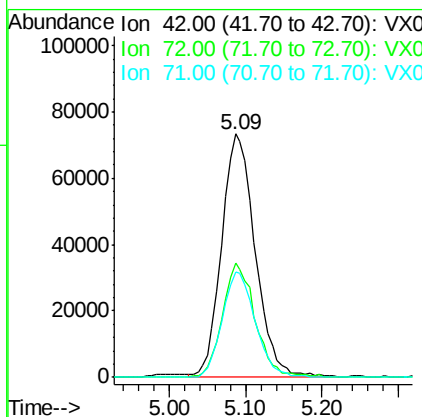
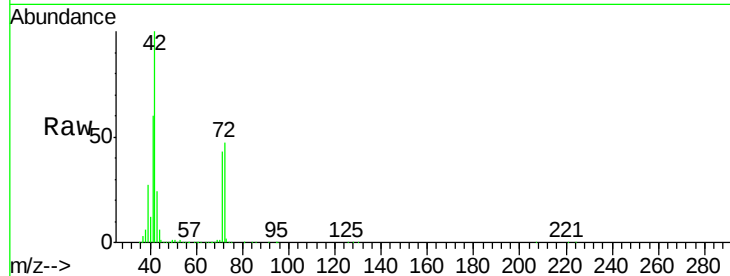
#29
Tetrahydrofuran
Concen: 256.228 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	36.4	54.6
71	43.1	35.2	52.8

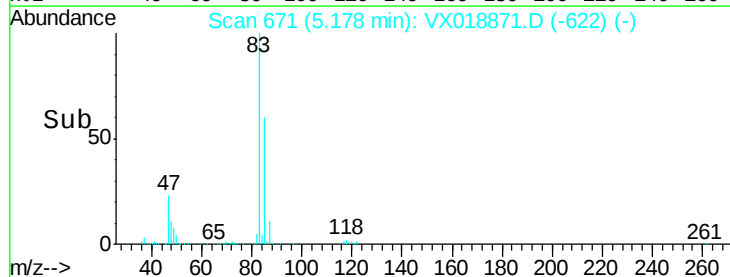
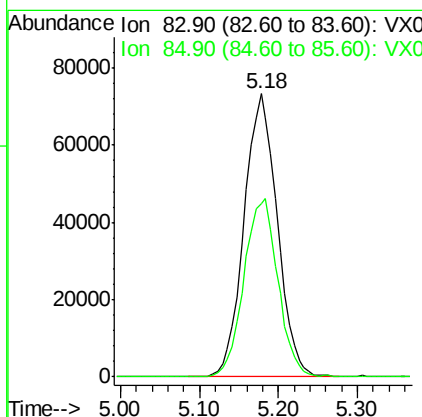
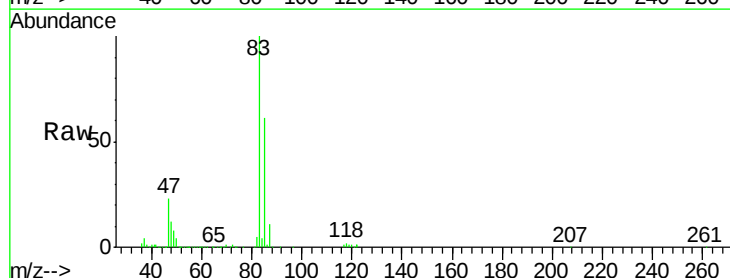
Manual Integrations
APPROVED

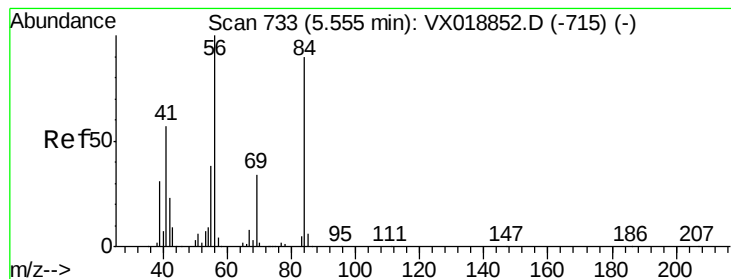
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#30
Chloroform
Concen: 48.162 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.8	77.8





#31

Cyclohexane

Concen: 50.449 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

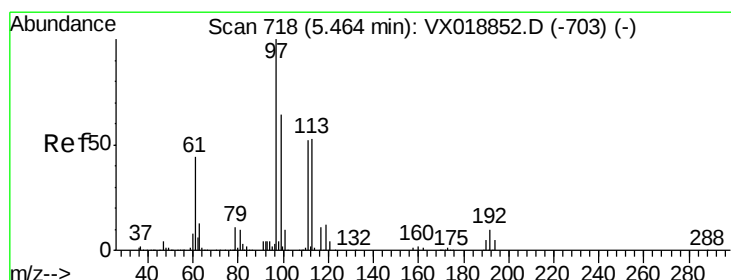
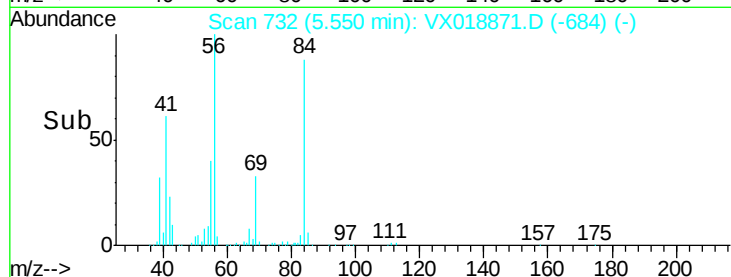
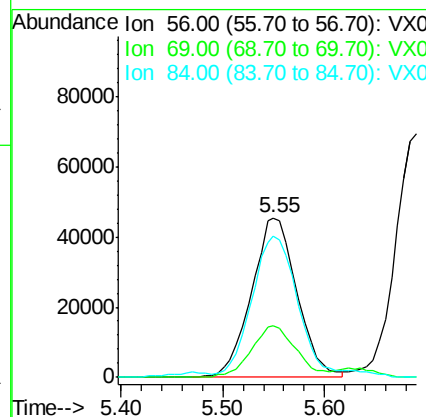
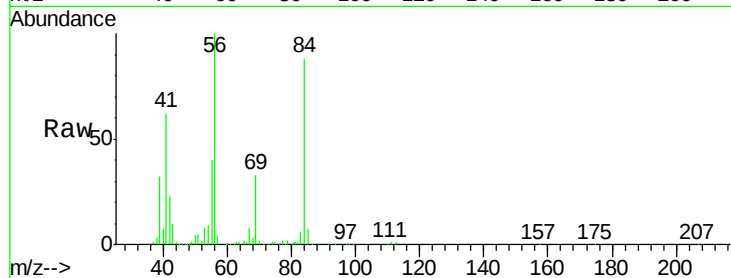
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	139722
Ion	Ratio	Lower	Upper
56	100		
69	32.8	27.1	40.7
84	85.3	71.7	107.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.000 ug/l

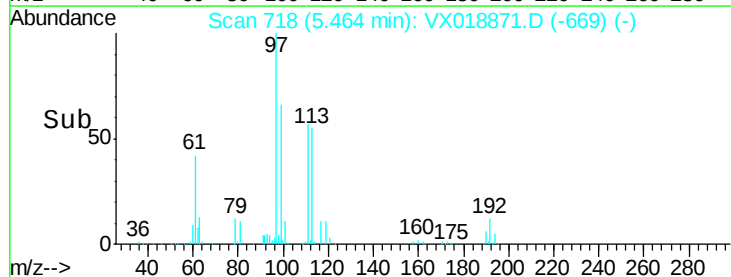
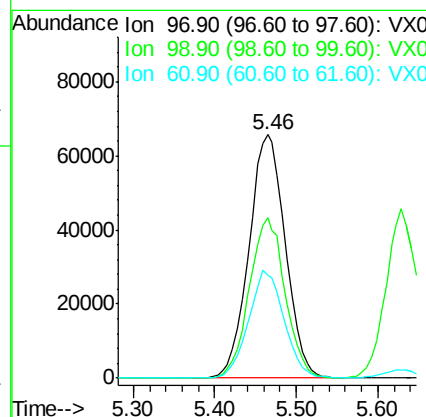
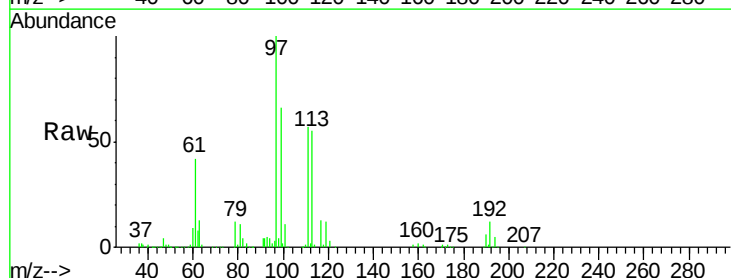
RT: 5.46 min Scan# 718

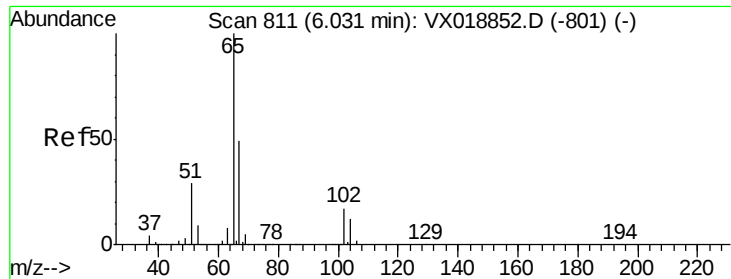
Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion:	97	Resp:	203576
Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.1	78.1
61	43.2	35.3	52.9





#33

1,2-Dichloroethane-d4

Concen: 49.461 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 146663

Ion Ratio Lower Upper

65 100

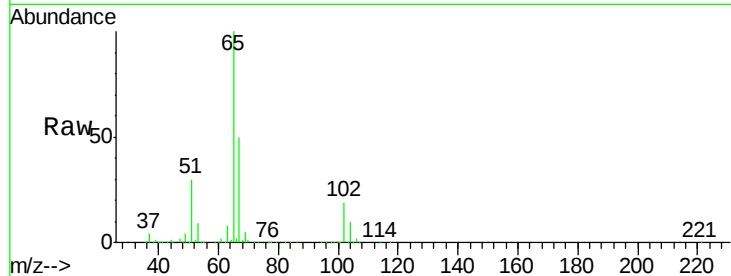
67 48.9 0.0 97.0

Manual Integrations

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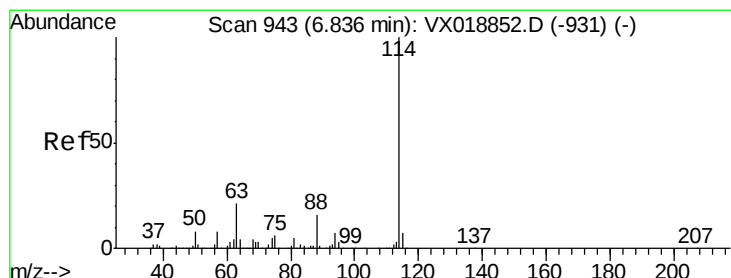
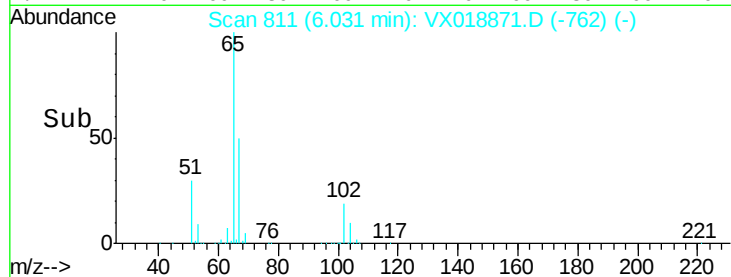
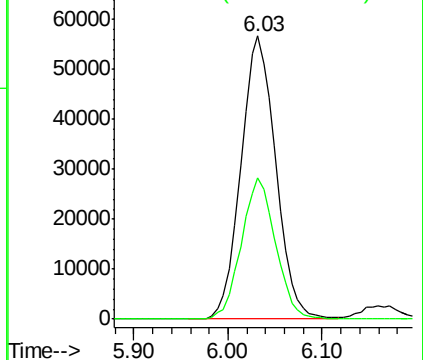
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

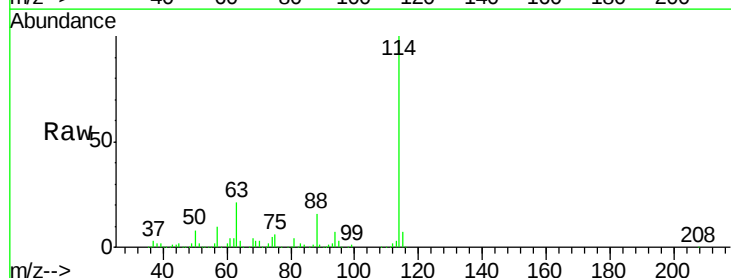
Tgt Ion: 114 Resp: 300844

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

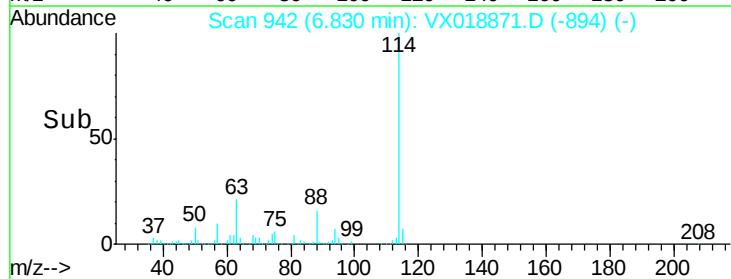
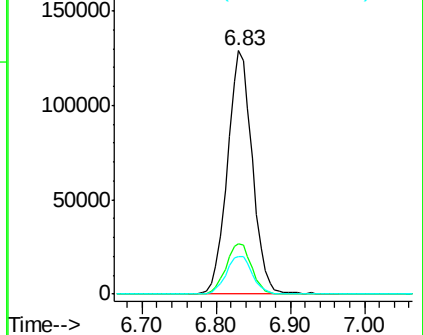
88 15.6 0.0 32.6

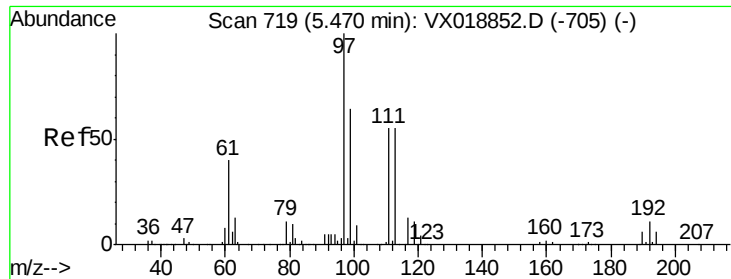


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.251 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

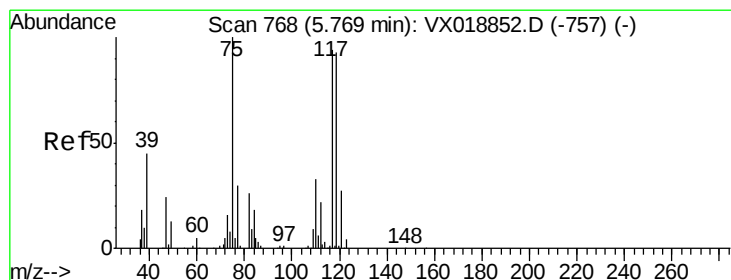
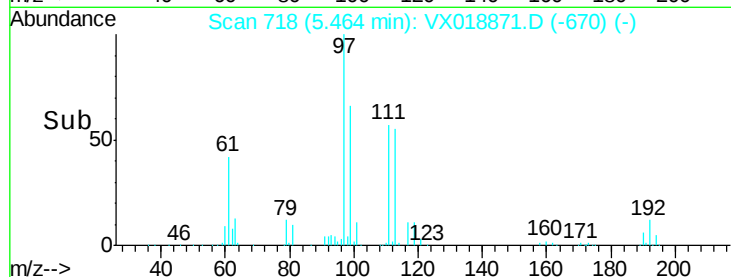
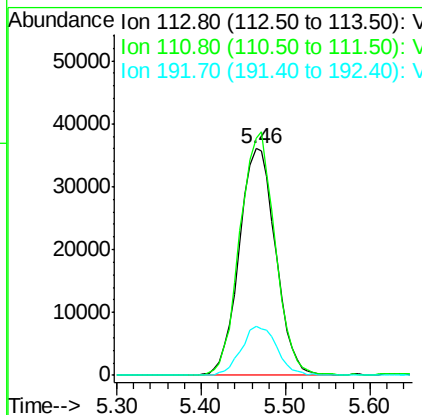
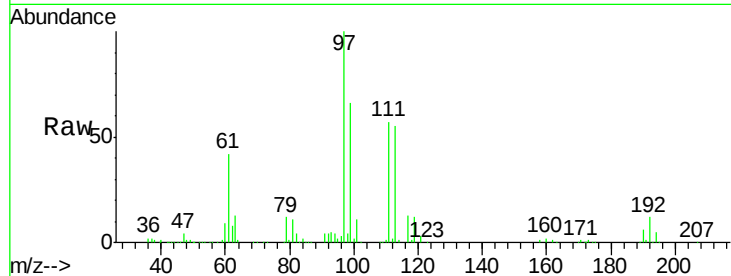
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	105595
Ion Ratio	Lower	Upper	
113	100		
111	103.6	80.1	120.1
192	21.1	16.0	24.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.462 ug/l

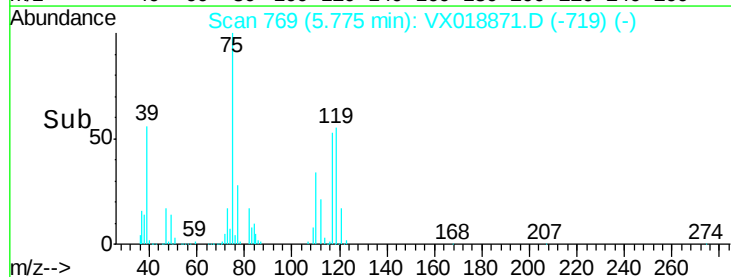
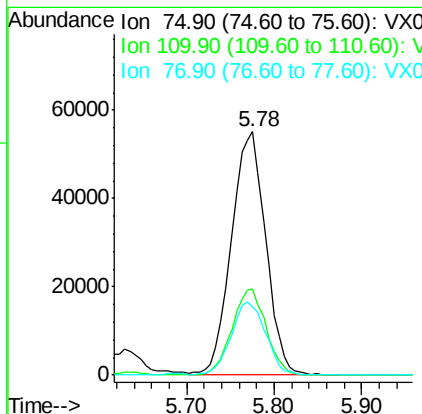
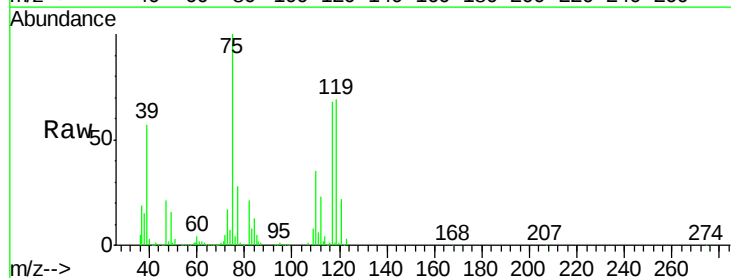
RT: 5.78 min Scan# 769

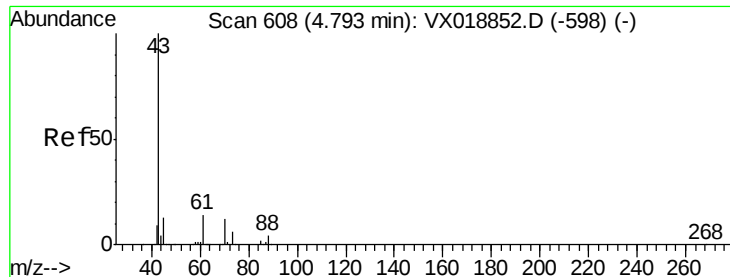
Delta R.T. 0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion:	75	Resp:	150125
Ion Ratio	Lower	Upper	
75	100		
110	35.3	17.8	53.5
77	30.2	24.2	36.4





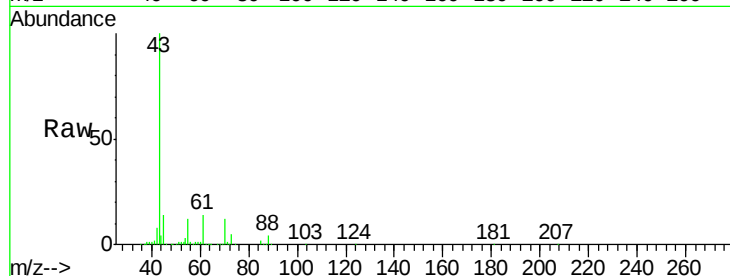
#37
Ethyl Acetate
Concen: 50.371 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

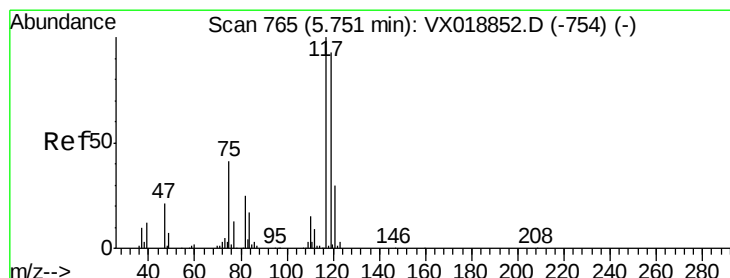
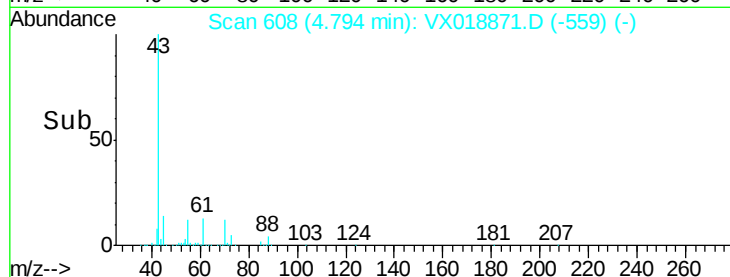
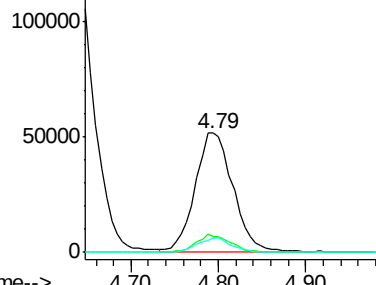
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.9	16.3
70	11.3	8.6	13.0

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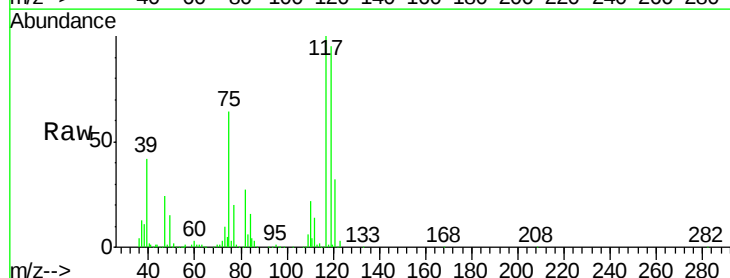


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

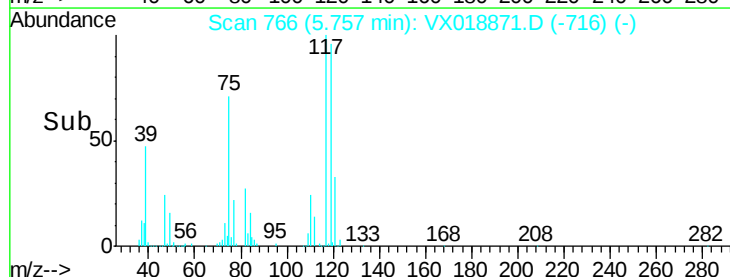
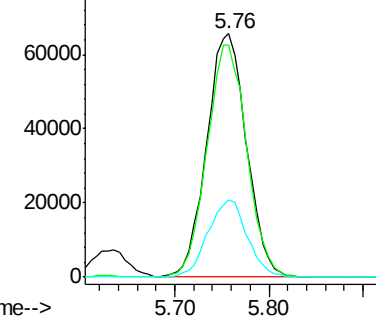


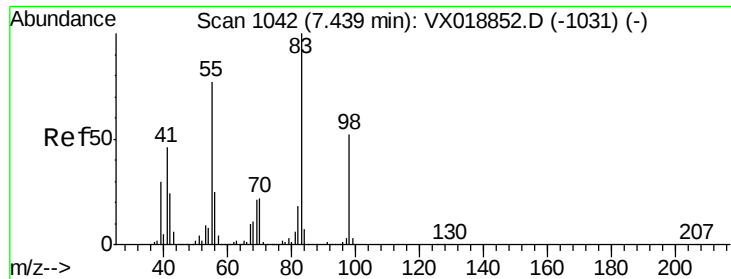
#38
Carbon Tetrachloride
Concen: 49.310 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	73.9	110.9
121	31.7	23.6	35.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





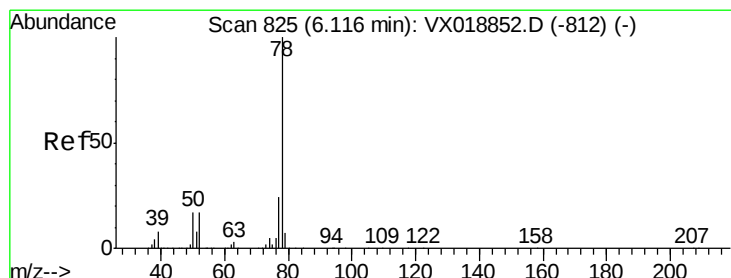
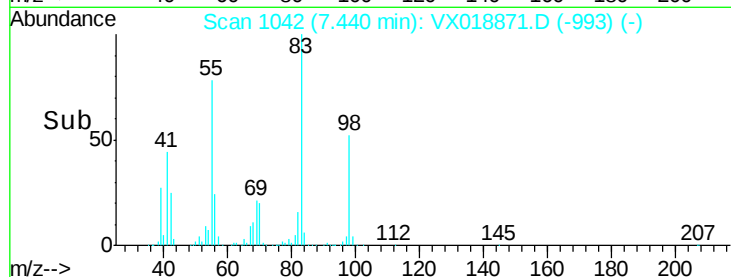
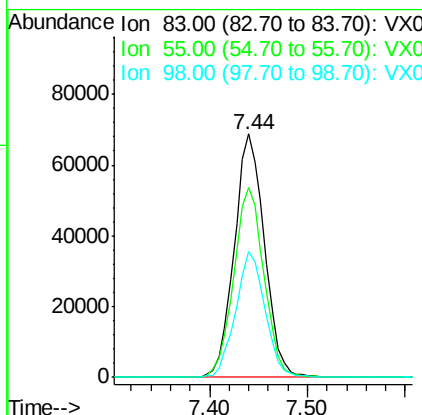
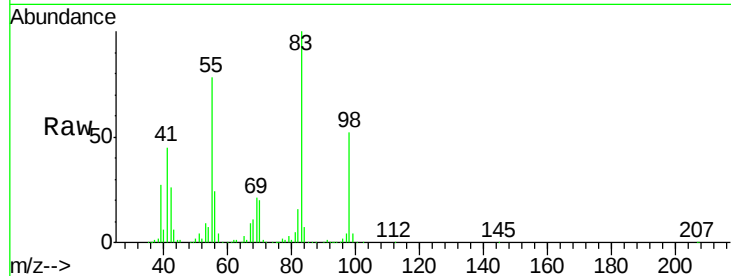
#39
Methvlcvclohexane
Concen: 50.481 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	147191		
55	77.8	61.8	92.6	
98	51.6	41.4	62.0	

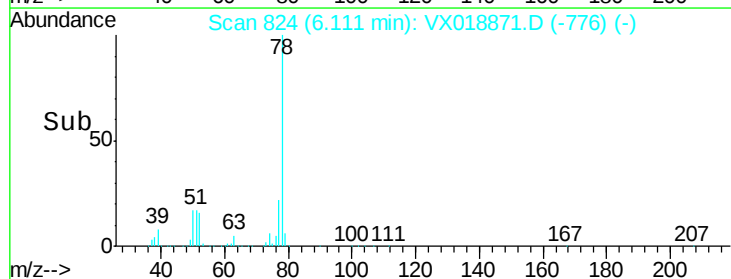
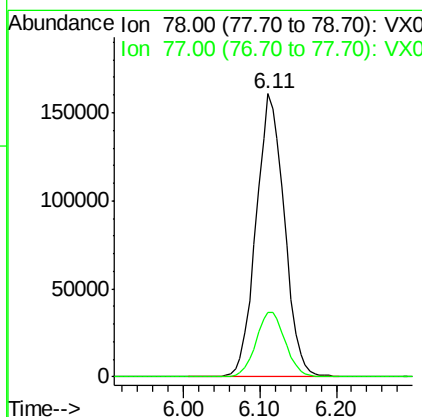
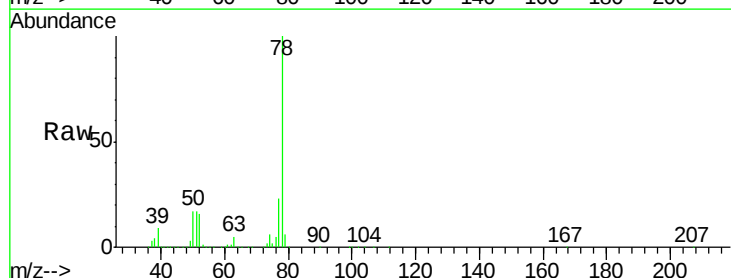
Manual Integrations
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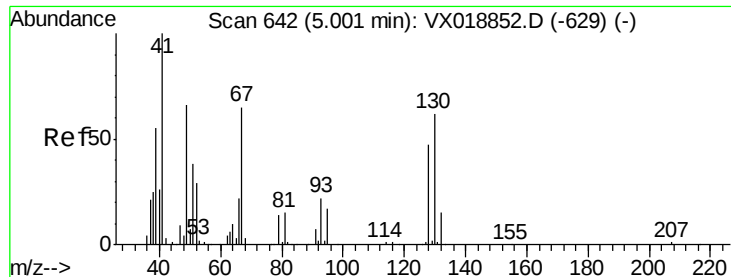
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#40
Benzene
Concen: 48.689 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	413762		
77	22.7	19.1	28.7	





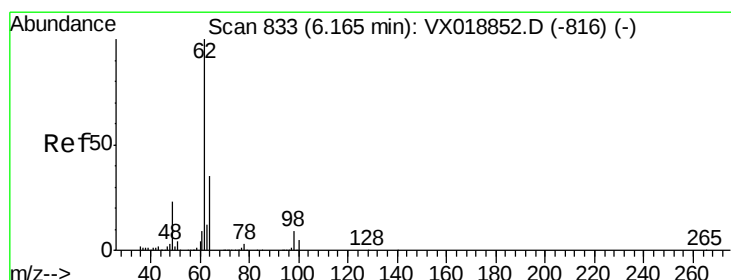
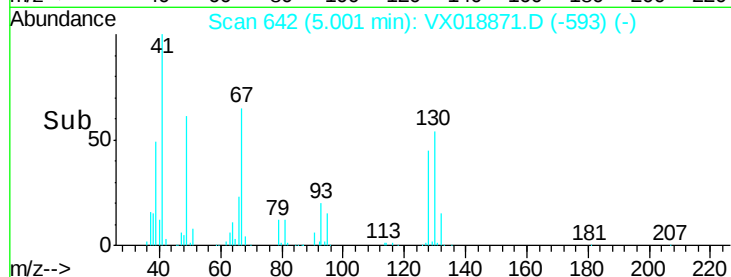
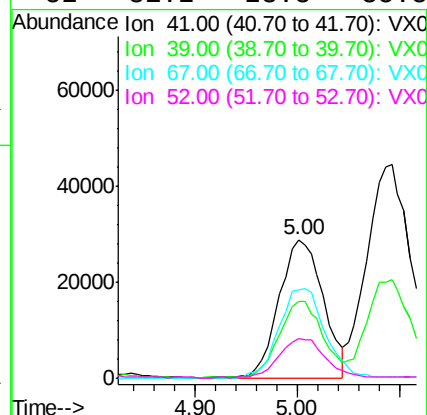
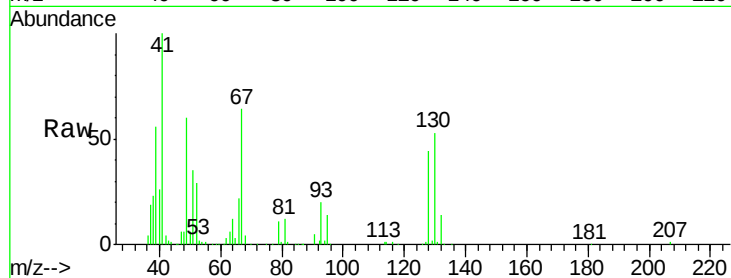
#41
Methacrylonitrile
Concen: 48.884 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	45.4	68.2	
67	68.5	55.4	83.2	
52	31.2	23.8	35.8	

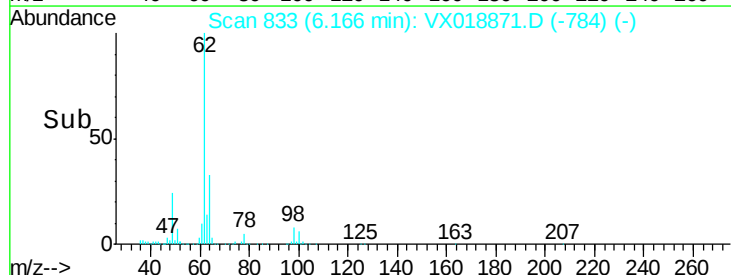
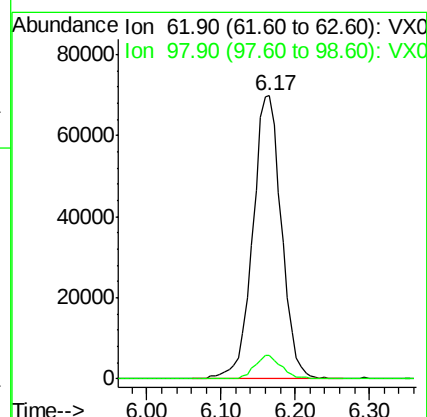
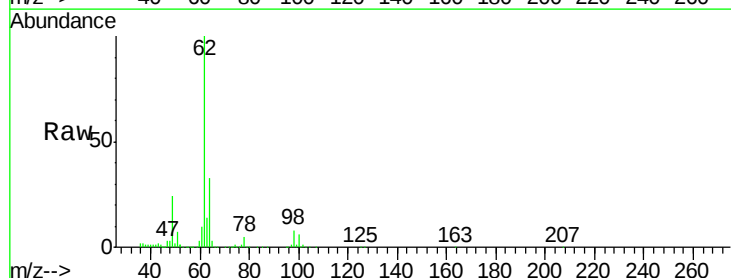
Manual Integrations
APPROVED

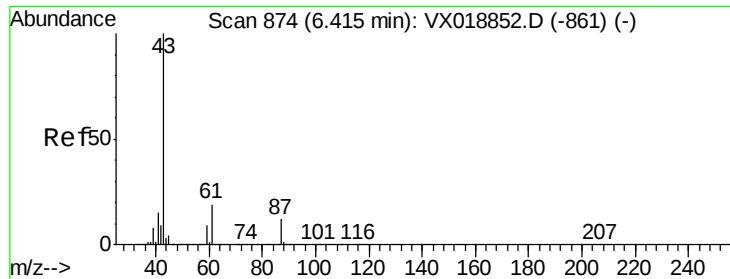
MMDadoda
10/12/2020 2:23:36 PM



#42
1,2-Dichloroethane
Concen: 47.290 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.8	0.0	16.4	





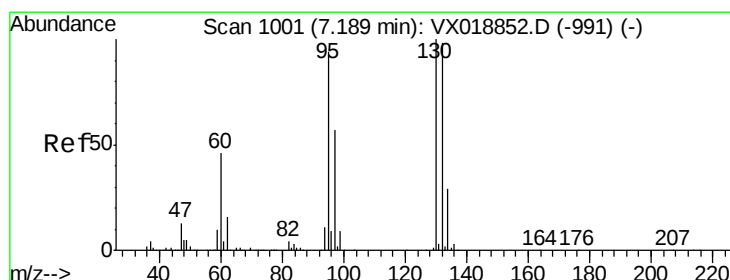
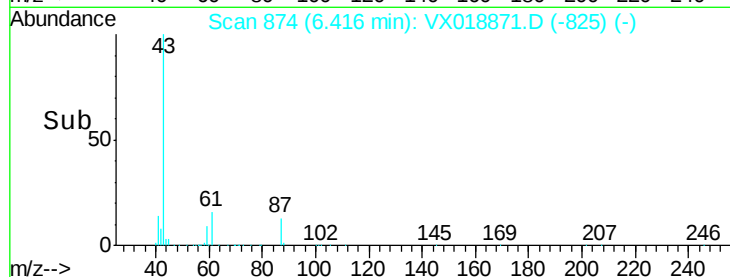
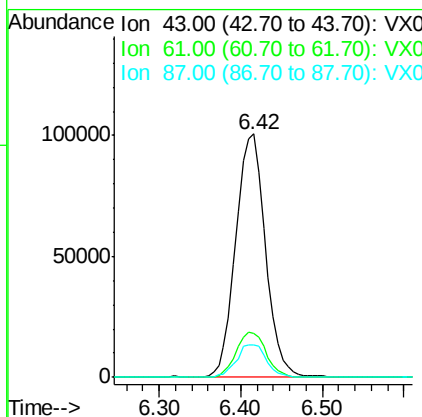
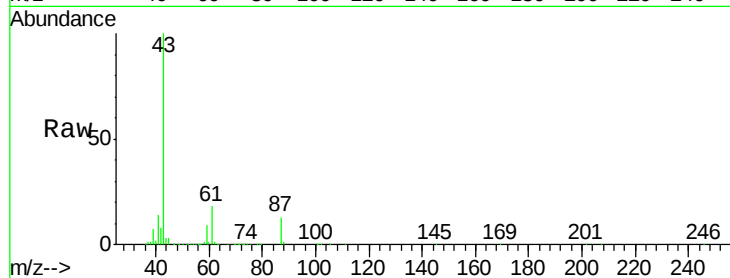
#43
Isopropyl Acetate
Concen: 49.703 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.5	23.3
87	13.6	10.8	16.2

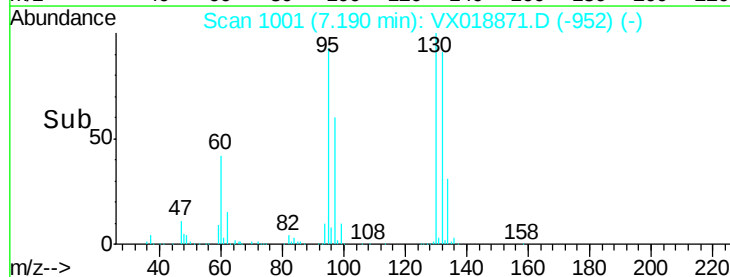
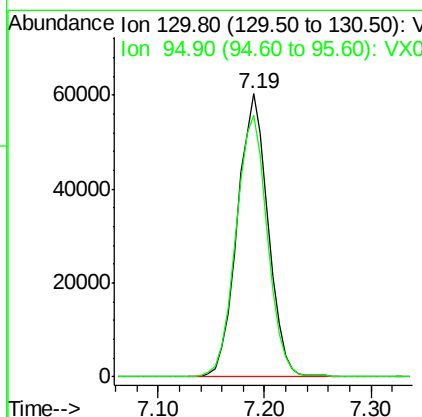
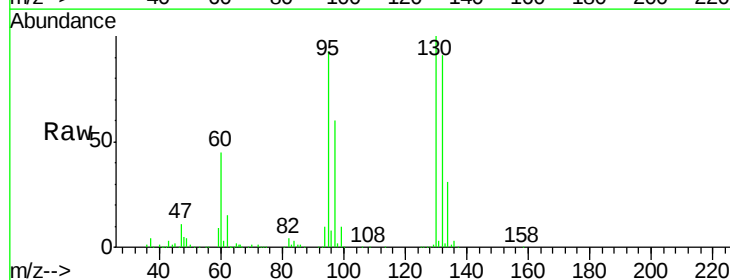
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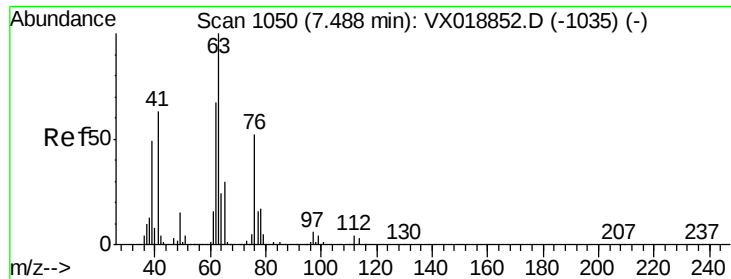
MMDadoda
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#44
Trichloroethene
Concen: 47.995 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	188.4





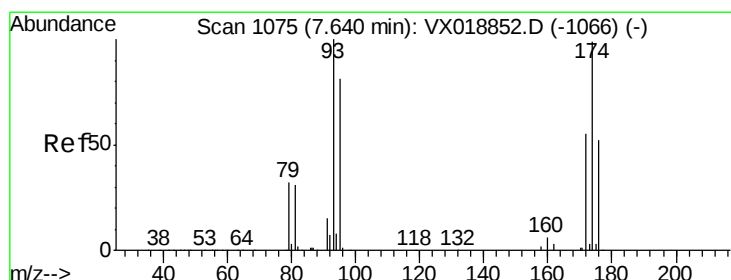
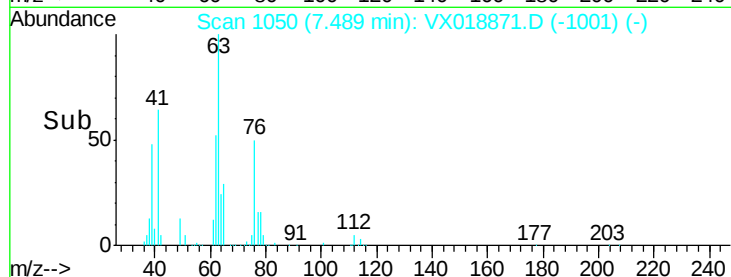
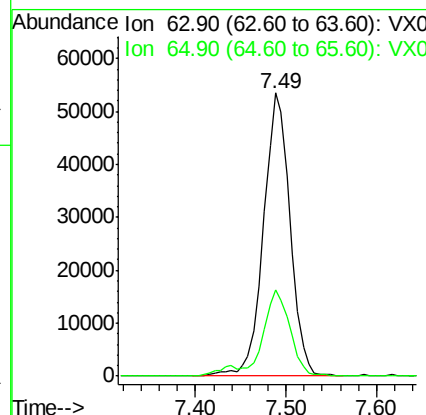
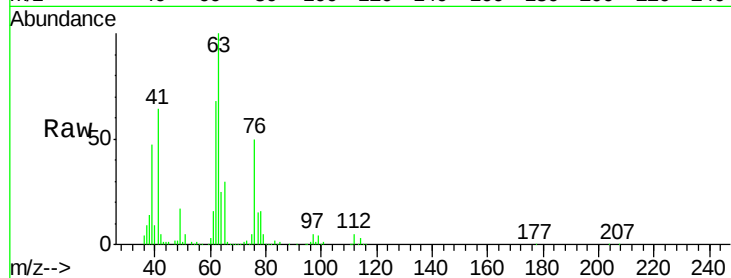
#45
 1,2-Dichloropropane
 Concen: 48.165 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 108302
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.4

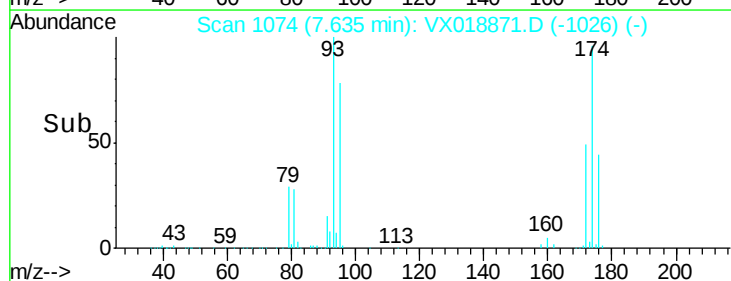
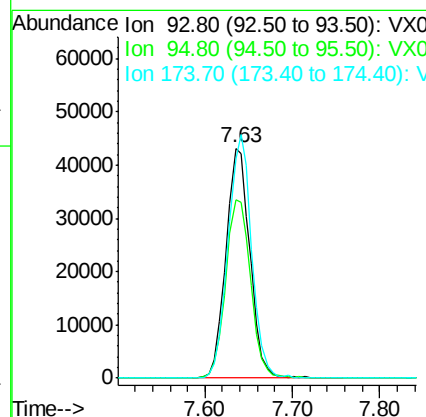
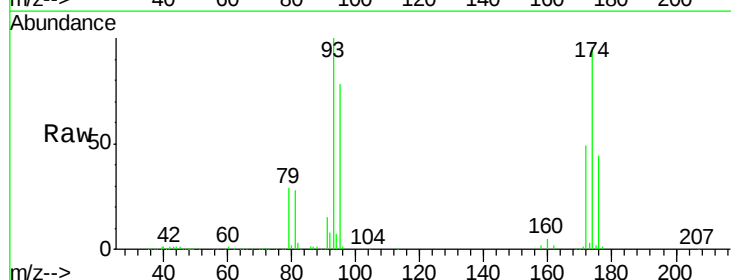
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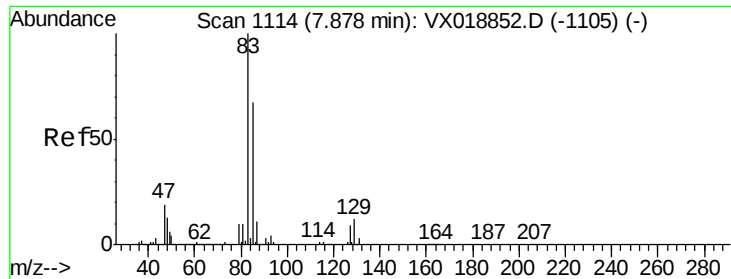
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#46
 Dibromomethane
 Concen: 49.161 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion: 93 Resp: 81690
 Ion Ratio Lower Upper
 93 100
 95 80.9 66.1 99.1
 174 104.2 84.6 127.0





#47

Bromodichloromethane

Concen: 48.826 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

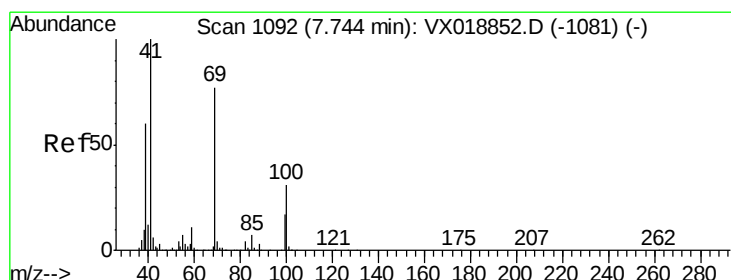
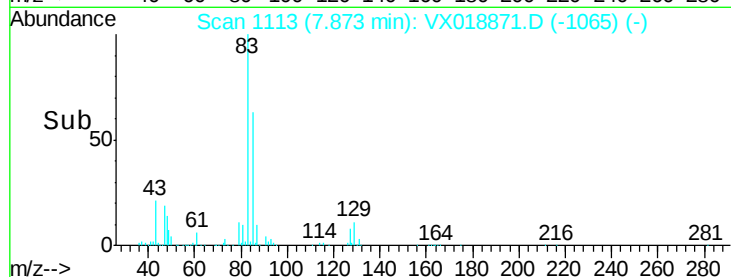
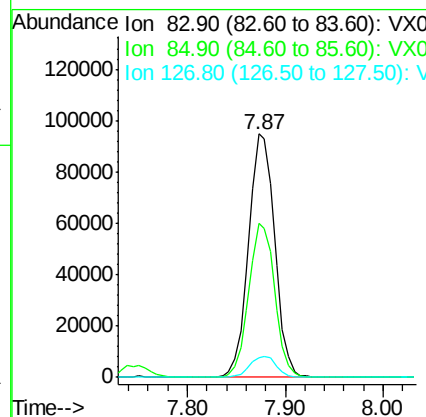
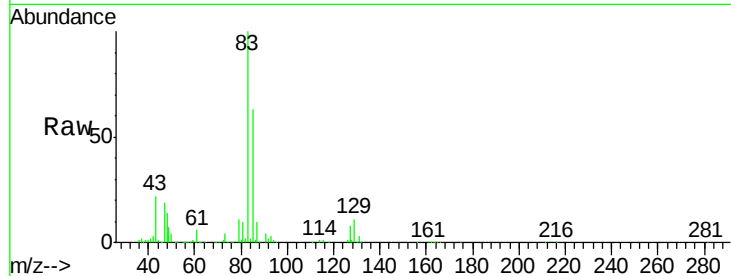
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	175817
Ion Ratio	Lower	Upper	
83	100		
85	63.3	53.8	80.6
127	8.0	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.153 ug/l

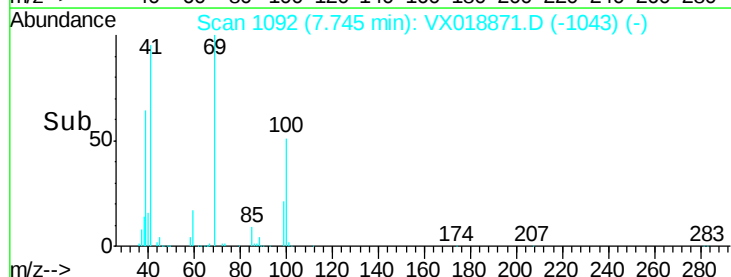
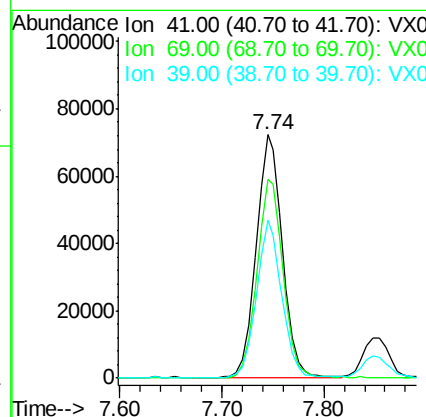
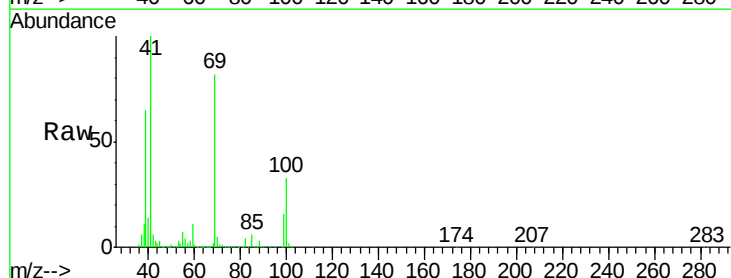
RT: 7.74 min Scan# 1092

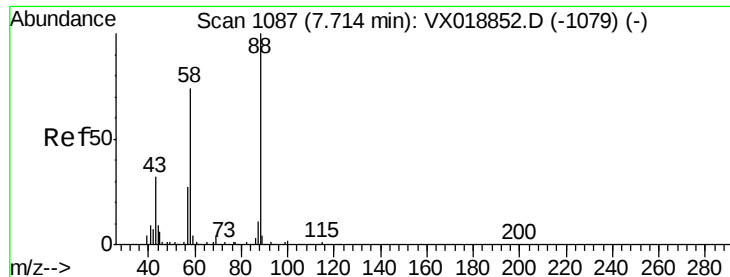
Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion:	41	Resp:	129185
Ion Ratio	Lower	Upper	
41	100		
69	82.0	64.6	97.0
39	62.4	48.6	73.0





#49

1,4-Dioxane

Concen: 964.689 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

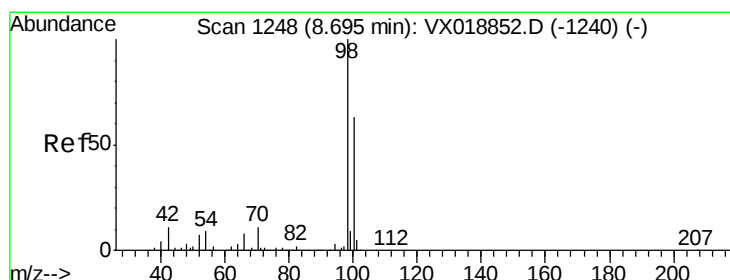
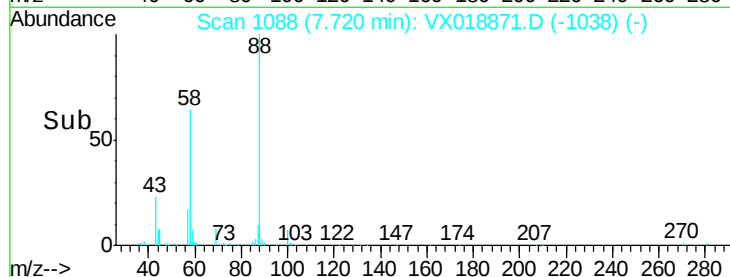
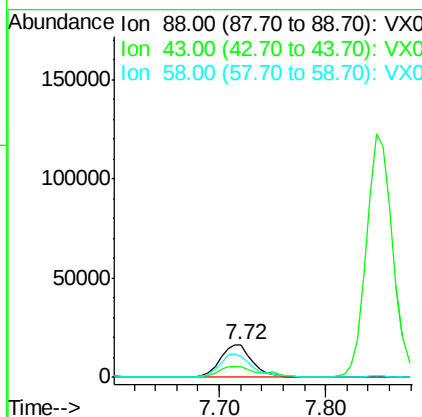
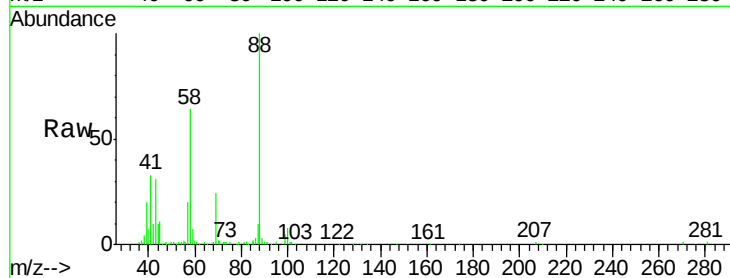
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	34842
Ion	Ratio	Lower	Upper
88	100		
43	37.8	31.0	46.6
58	74.0	59.3	88.9

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#50

Toluene-d8

Concen: 50.313 ug/l

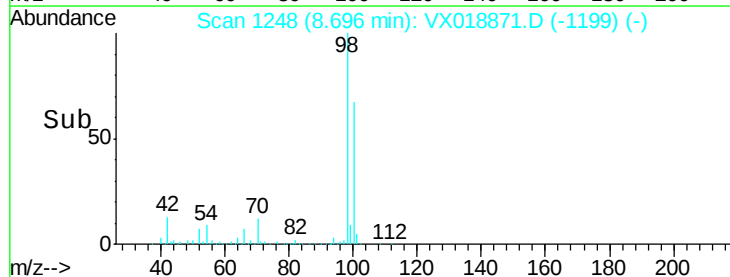
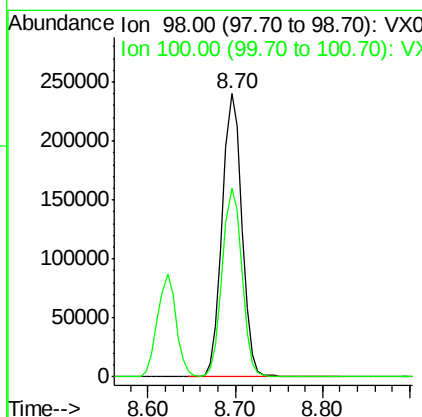
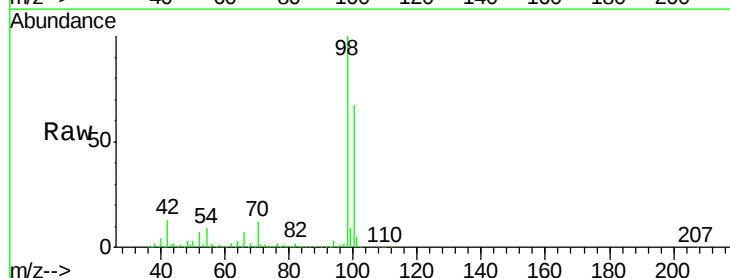
RT: 8.70 min Scan# 1248

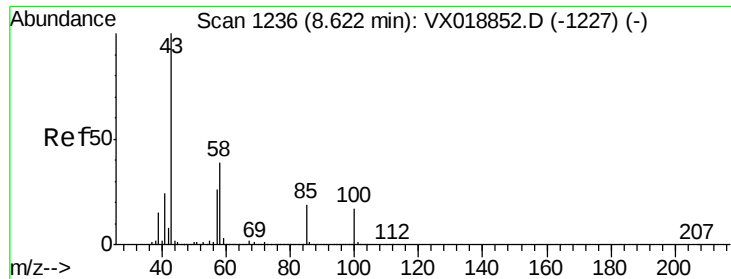
Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion:	98	Resp:	374178
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 267.091 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 791354

Ion Ratio Lower Upper

43 100

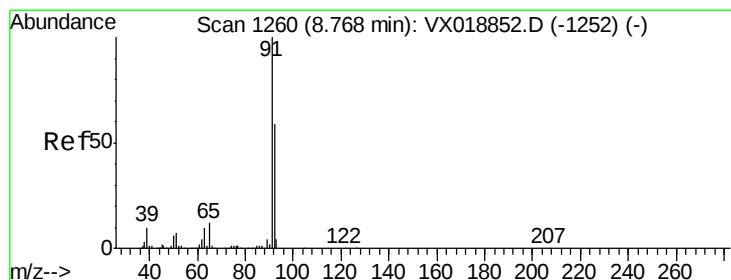
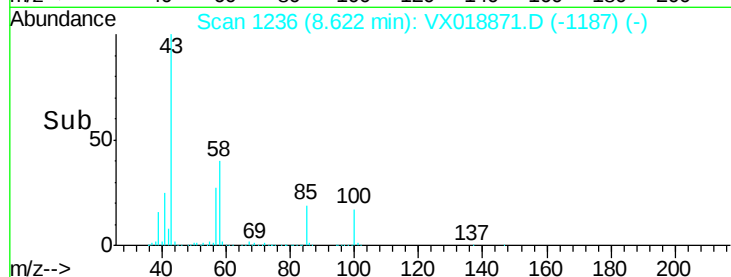
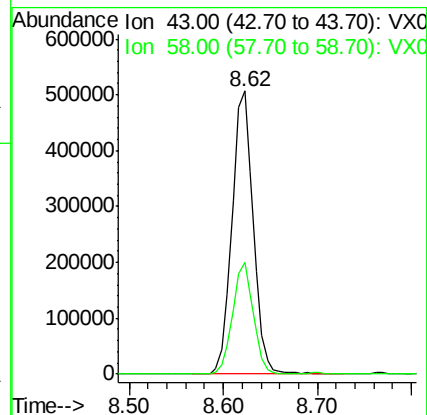
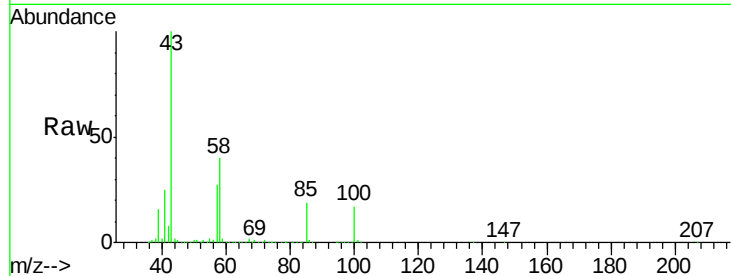
58 38.4 30.9 46.3

Manual Integrations

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#52

Toluene

Concen: 50.038 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018871.D

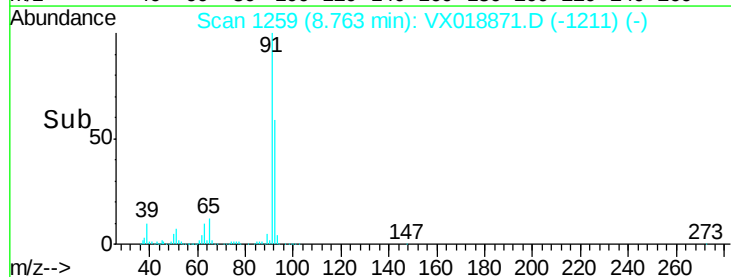
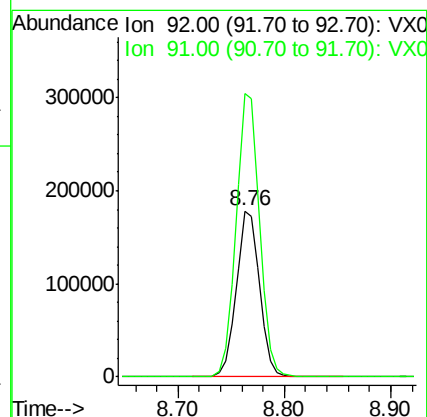
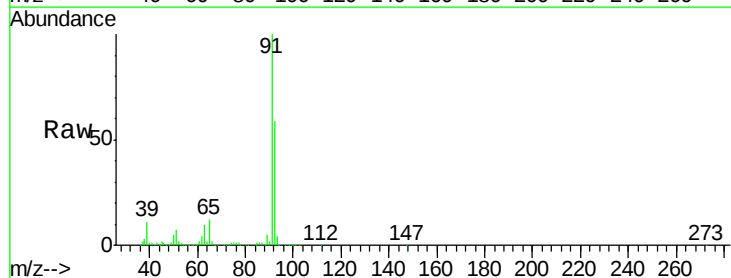
Acq: 09 Oct 2020 21:32

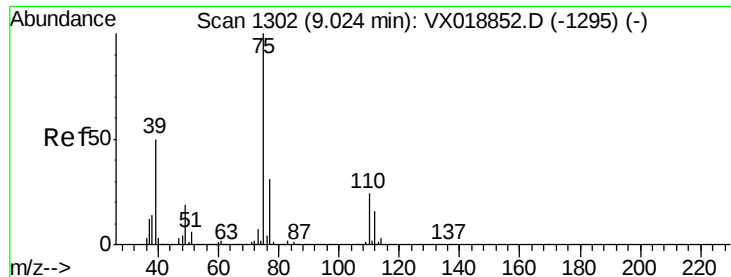
Tgt Ion: 92 Resp: 272881

Ion Ratio Lower Upper

92 100

91 172.3 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 49.667 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tot Ion: 75 Resp: 185186

Ion Ratio Lower Upper

75 100

77 30.2 25.1 37.7

Instrument :

MSVOA_X

ClientSampleId :

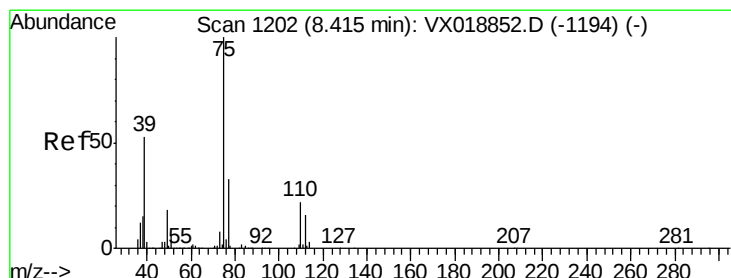
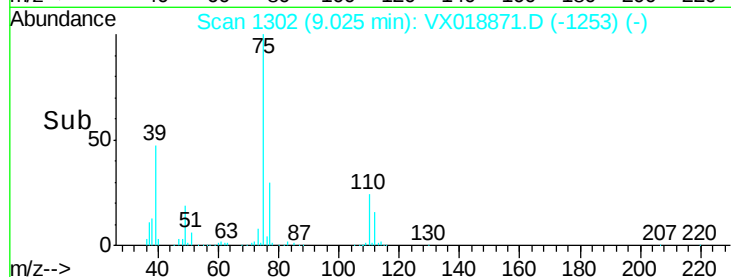
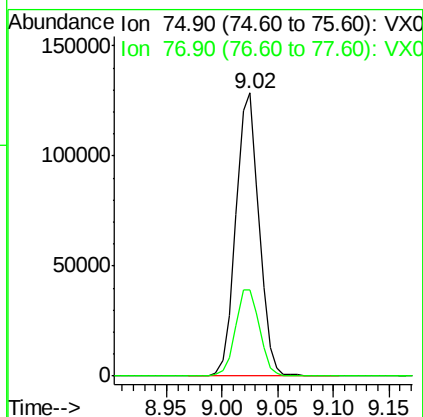
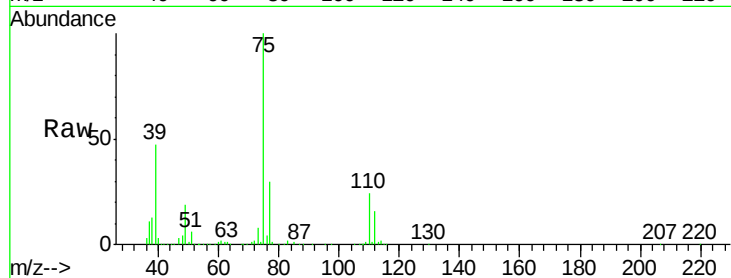
VSTDCCC050EC

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#54

cis-1,3-Dichloropropene

Concen: 49.028 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

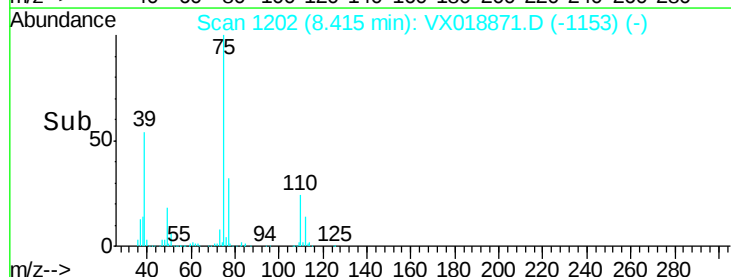
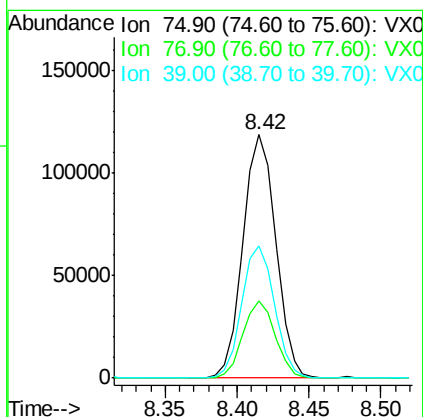
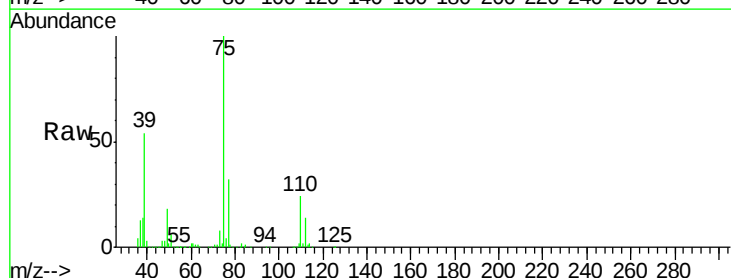
Tgt Ion: 75 Resp: 188049

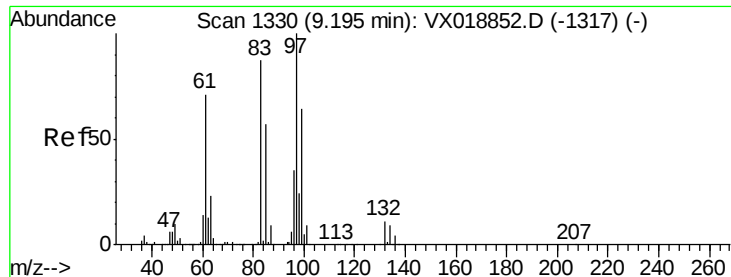
Ion Ratio Lower Upper

75 100

77 31.6 26.6 39.8

39 54.0 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 48.348 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

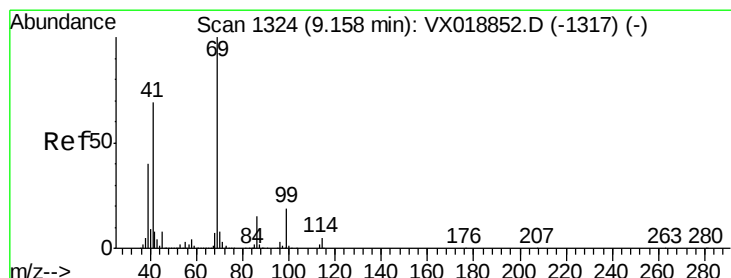
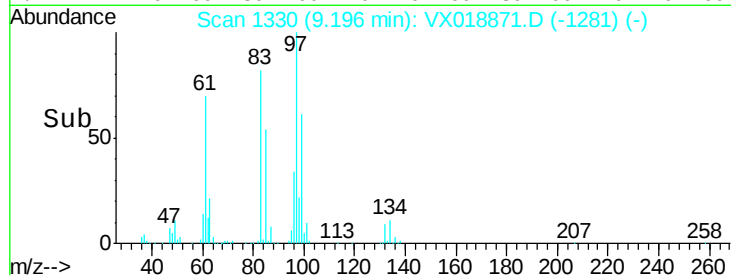
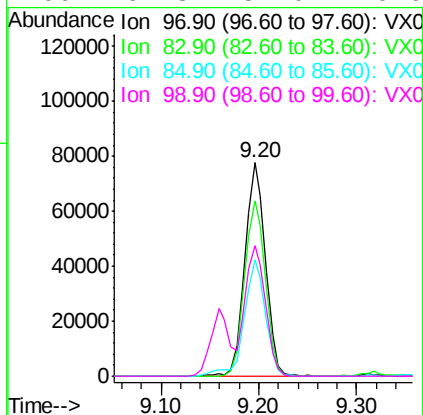
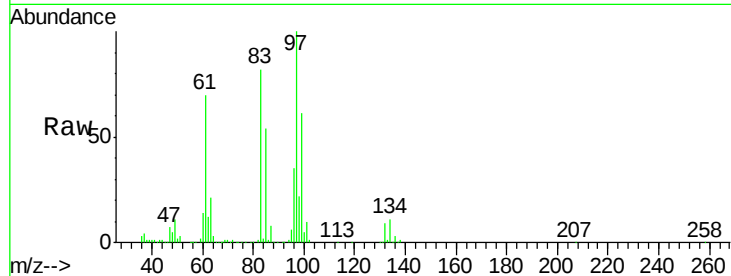
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	113254
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.3	103.9
85	54.2	45.3	67.9
99	61.3	51.0	76.6

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#56

Ethyl methacrylate

Concen: 49.129 ug/l

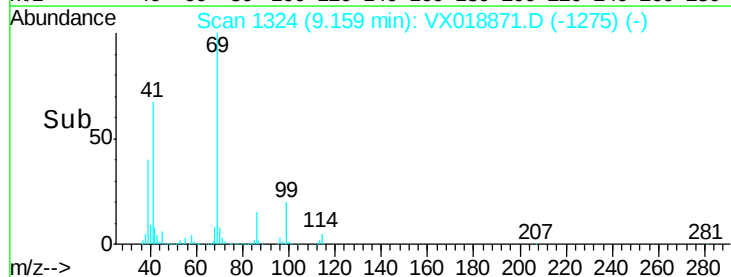
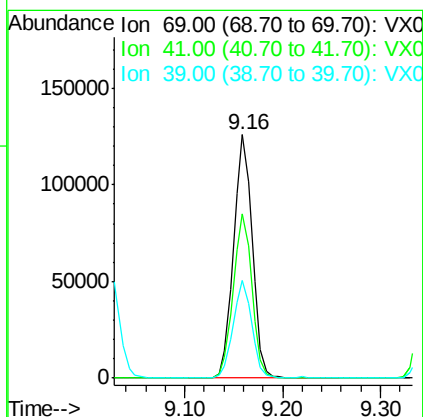
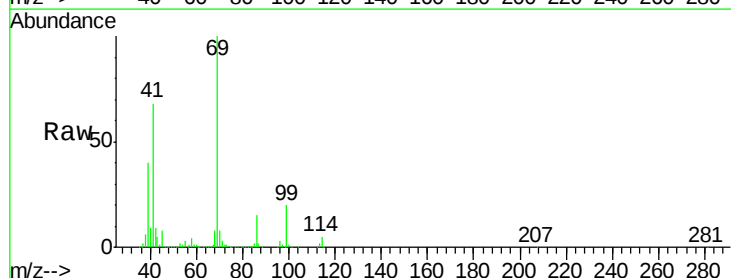
RT: 9.16 min Scan# 1324

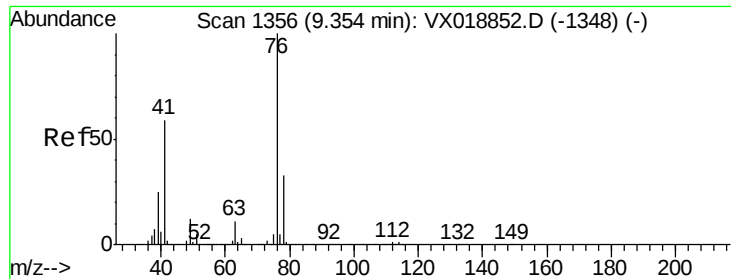
Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion:	69	Resp:	167813
Ion	Ratio	Lower	Upper
69	100		
41	67.7	54.6	81.8
39	39.5	31.5	47.3





#57

1,3-Dichloropropane

Concen: 50.179 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 190727

Ion Ratio Lower Upper

76 100

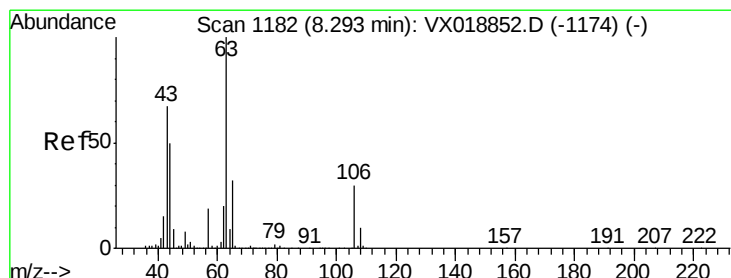
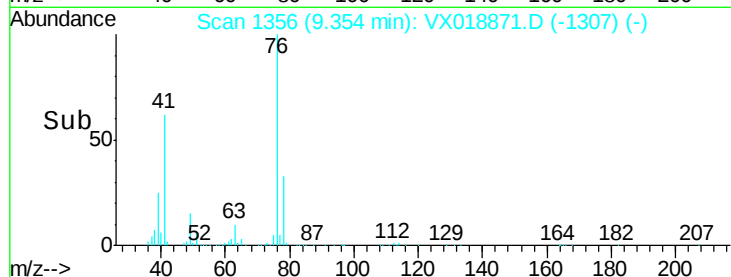
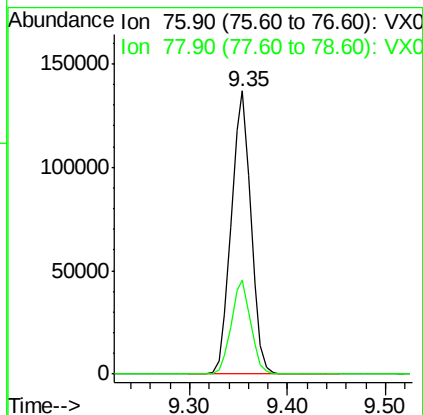
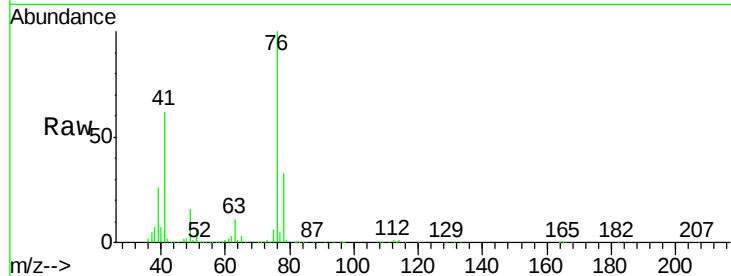
78 32.9 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 258.211 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018871.D

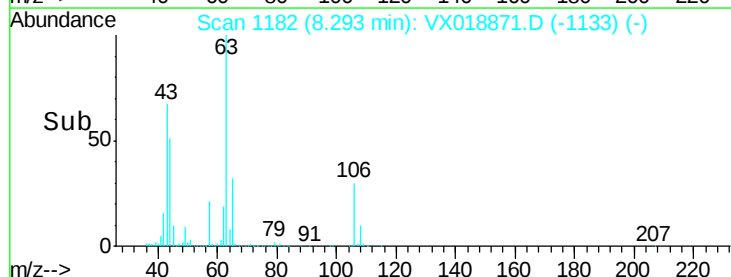
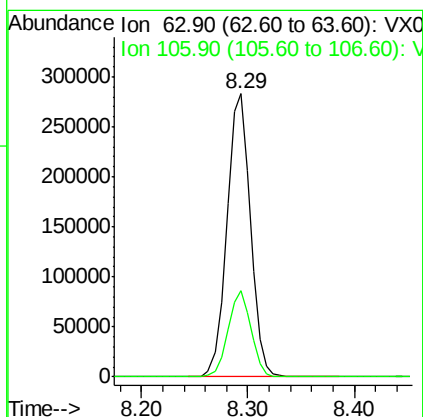
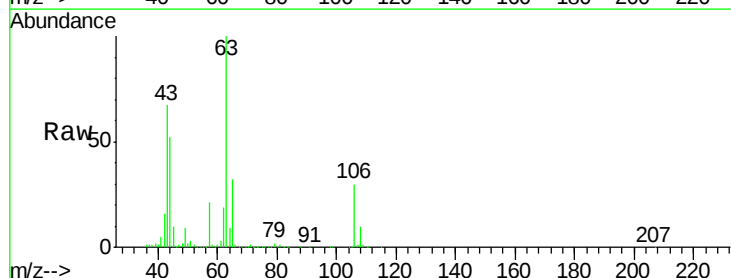
Acq: 09 Oct 2020 21:32

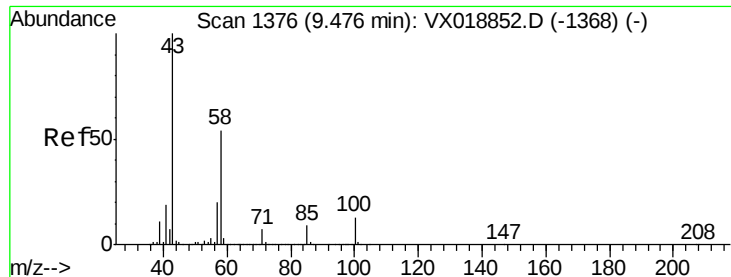
Tgt Ion: 63 Resp: 437620

Ion Ratio Lower Upper

63 100

106 29.8 24.2 36.4





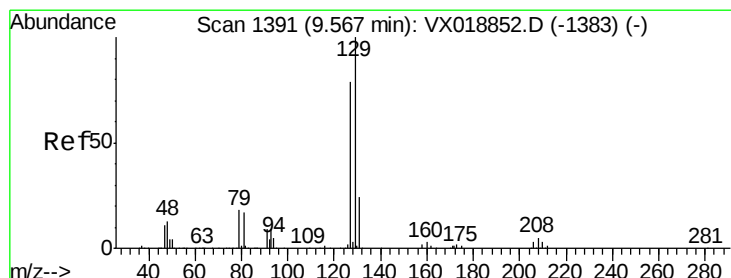
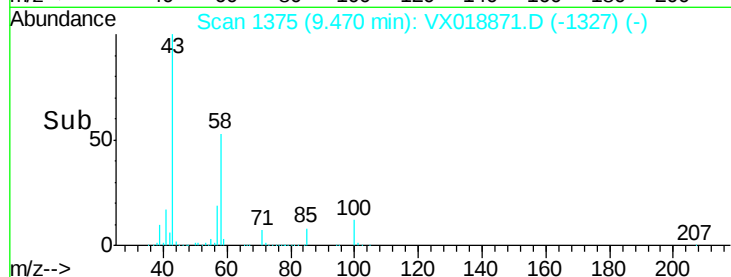
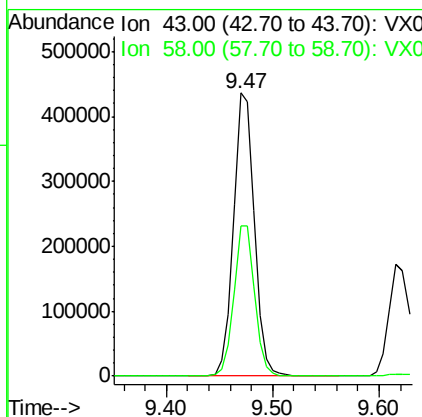
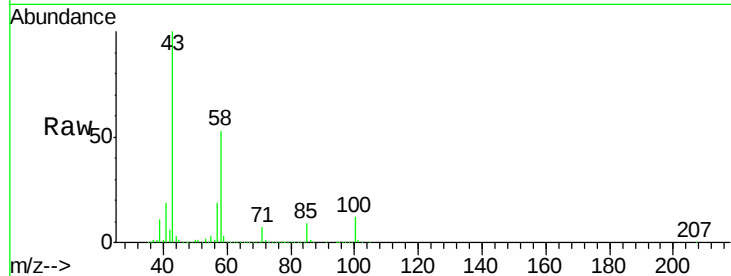
#59
2-Hexanone
Concen: 266.487 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 601557
Ion Ratio Lower Upper
43 100
58 53.2 26.7 80.1

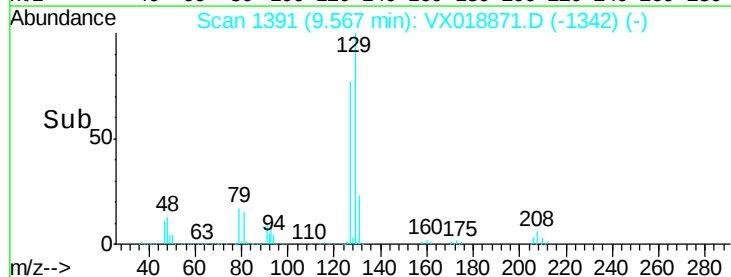
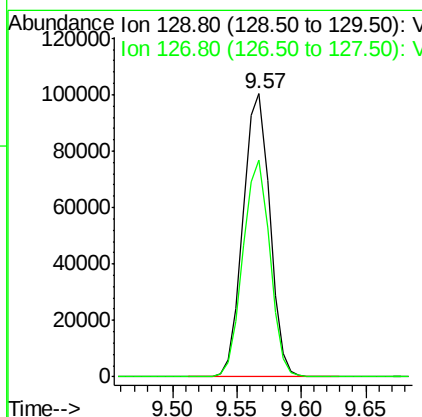
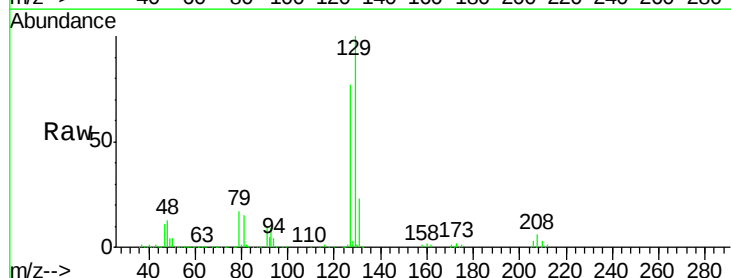
Manual Integrations
APPROVED

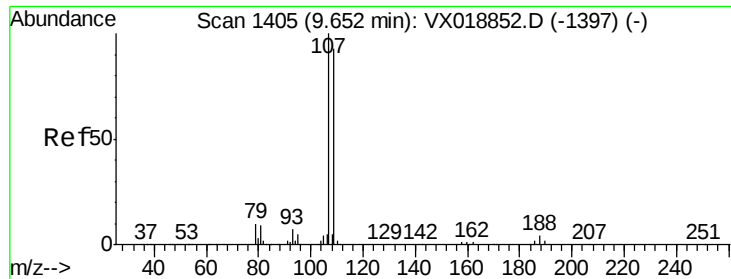
MMDadoda
10/12/2020 2:23:36 PM



#60
Dibromochloromethane
Concen: 48.950 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion: 129 Resp: 143939
Ion Ratio Lower Upper
129 100
127 77.2 39.5 118.5





#61

1,2-Dibromoethane

Concen: 49.097 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 123332

Ion Ratio Lower Upper

107 100

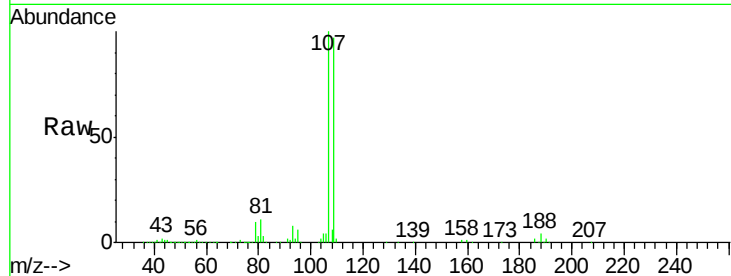
109 95.0 75.2 112.8

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

60000

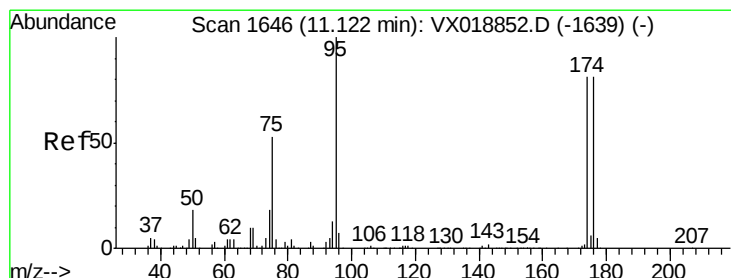
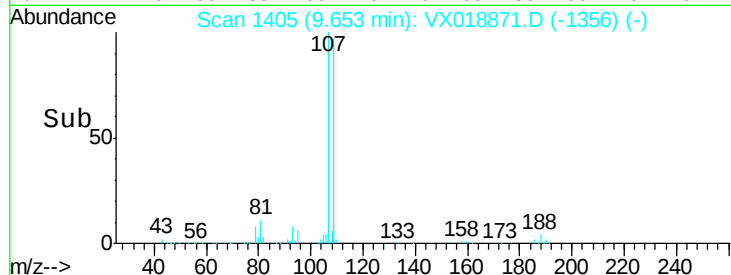
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 53.103 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

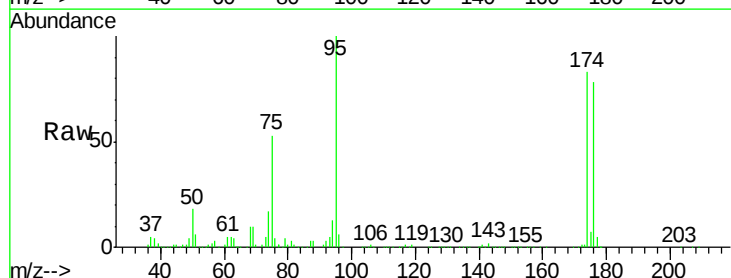
Tgt Ion: 95 Resp: 157401

Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.0

176 76.3 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

11.12

150000

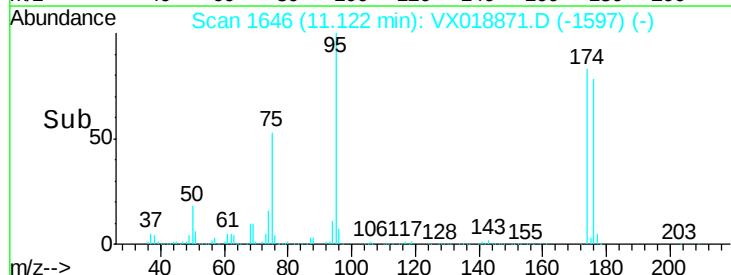
100000

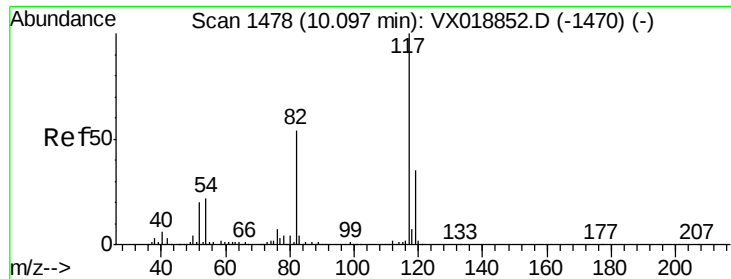
50000

0

Time-->

11.10 11.20





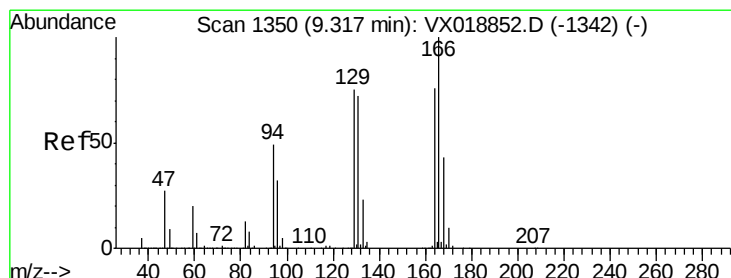
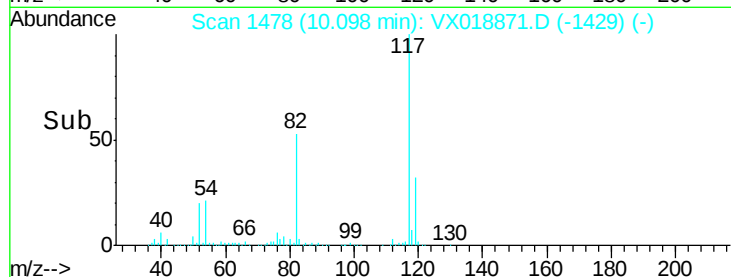
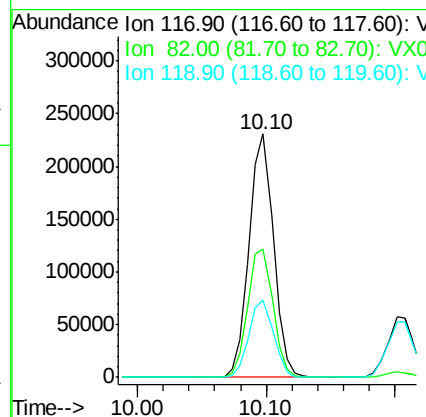
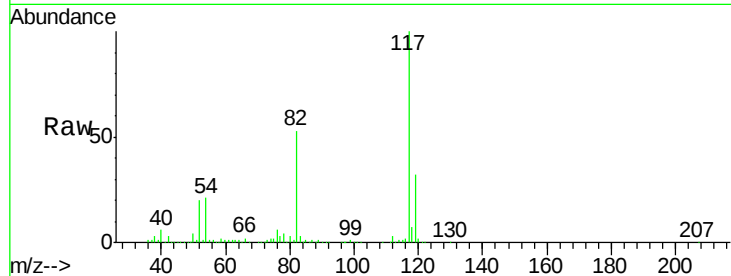
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.2
119	31.6	28.3	42.5

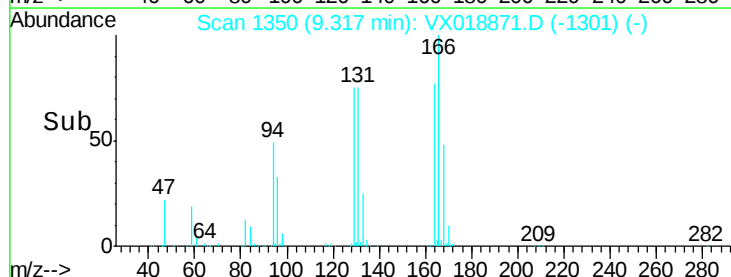
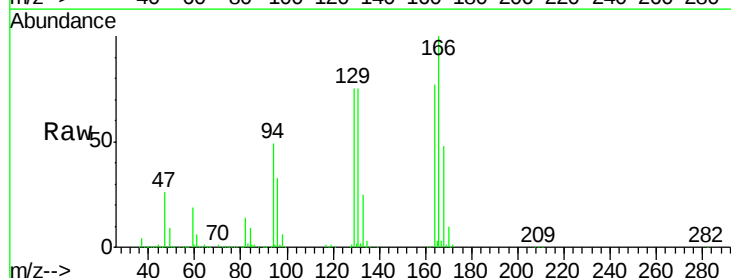
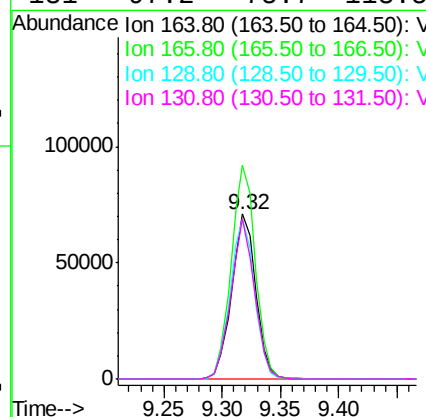
Manual Integrations
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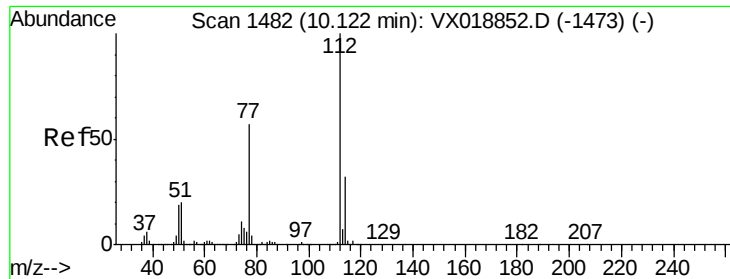
MMDadoda
10/12/2020 2:23:36 PM



#64
Tetrachloroethene
Concen: 46.524 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	105.4	158.0
129	97.2	79.0	118.6
131	97.2	75.7	113.5





#65

Chlorobenzene

Concen: 47.036 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 306411

Ion Ratio Lower Upper

112 100

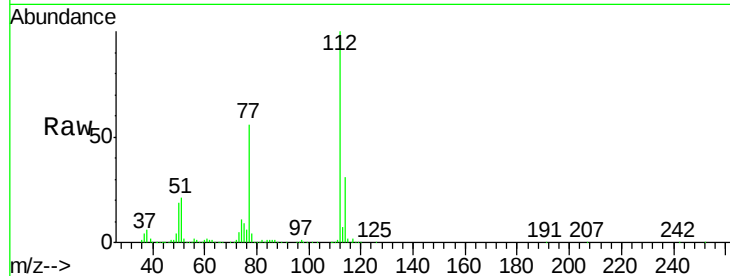
114 31.4 25.7 38.5

Manual Integrations

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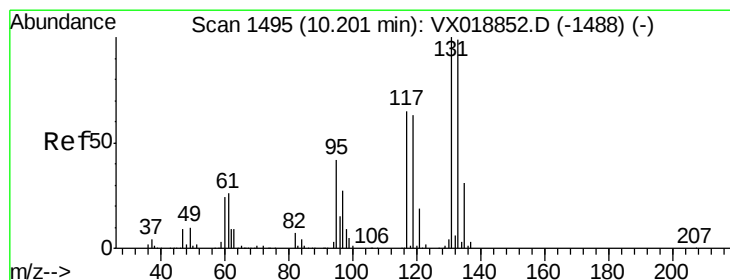
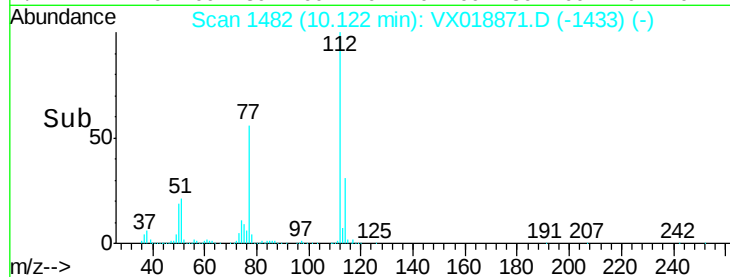
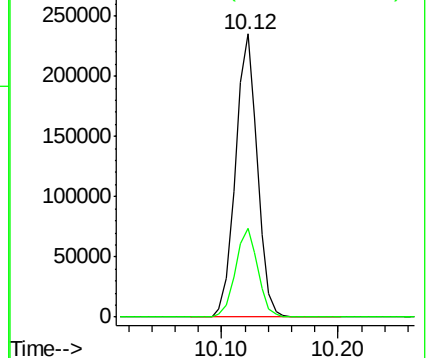
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.069 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

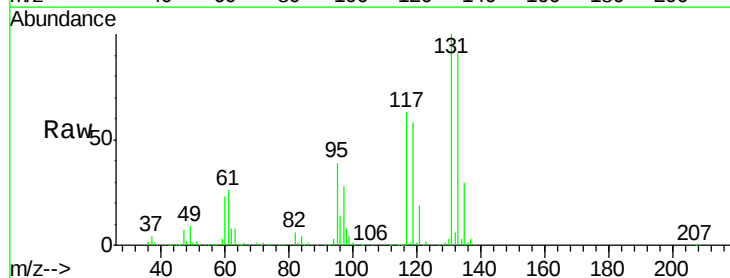
Tgt Ion:131 Resp: 129187

Ion Ratio Lower Upper

131 100

133 93.0 48.6 145.8

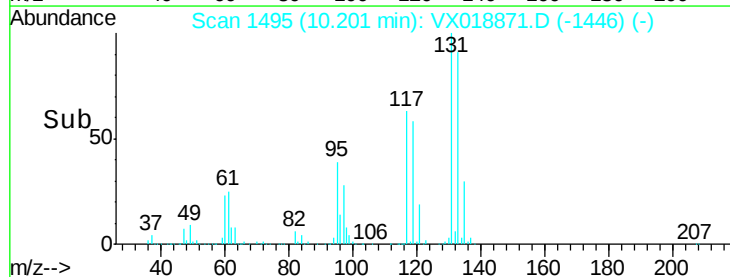
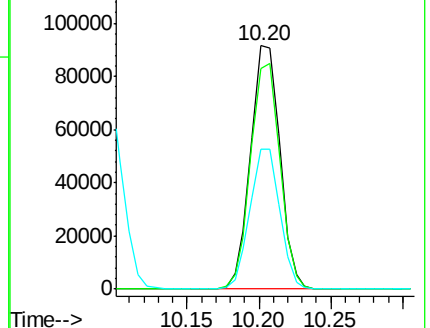
119 58.5 31.1 93.3

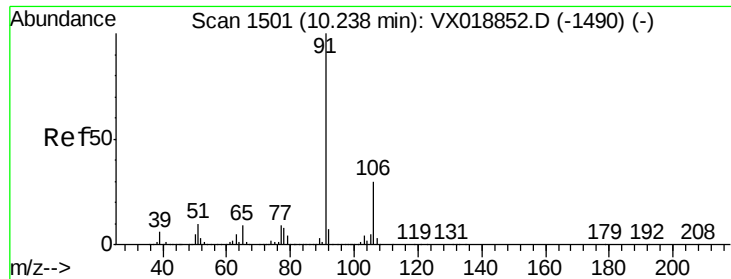


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





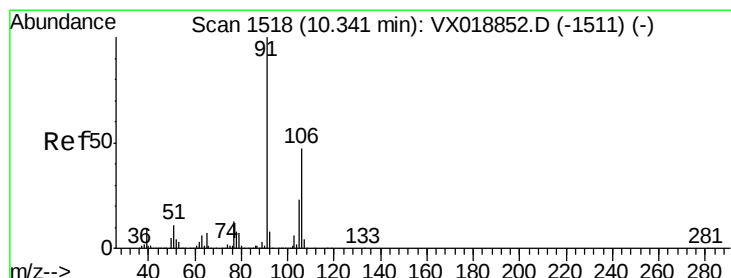
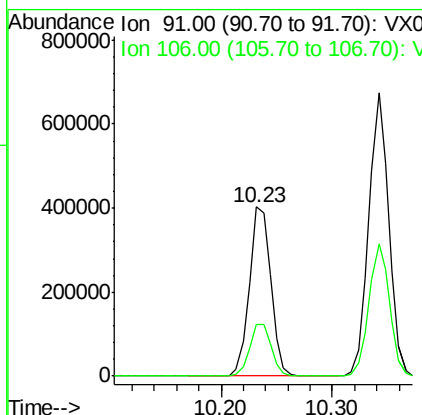
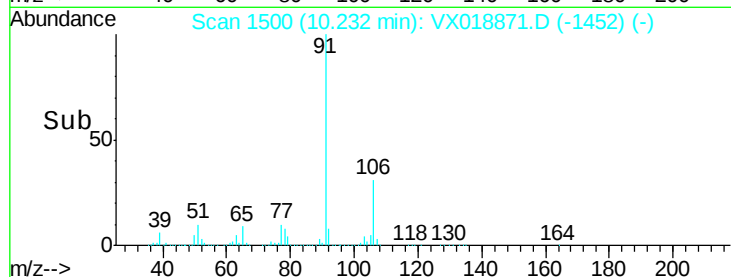
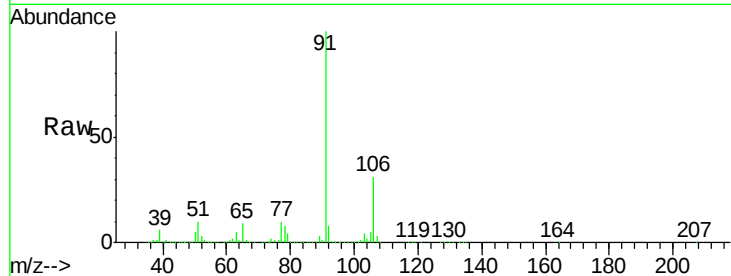
#67
Ethyl Benzene
Concen: 49.002 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 538513
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0

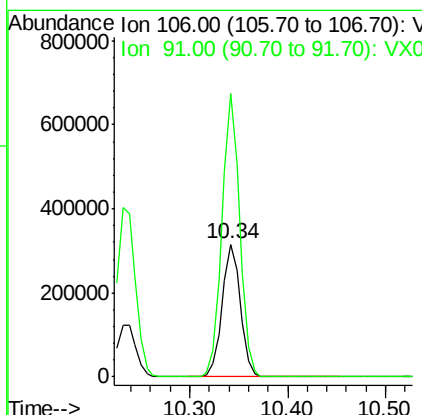
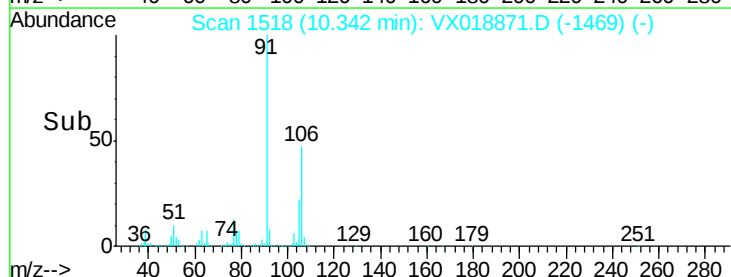
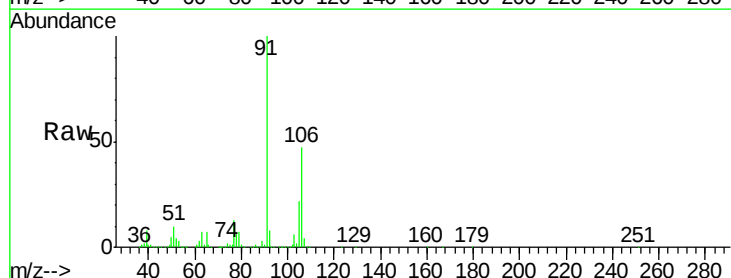
Manual Integrations
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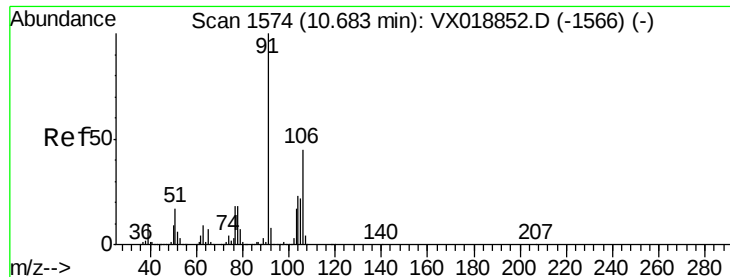
MMDadoda
10/12/2020 2:23:36 PM



#68
m/p-Xylenes
Concen: 97.836 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion: 106 Resp: 408491
Ion Ratio Lower Upper
106 100
91 207.7 165.6 248.4





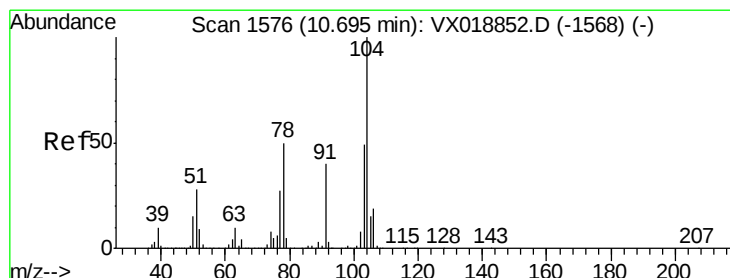
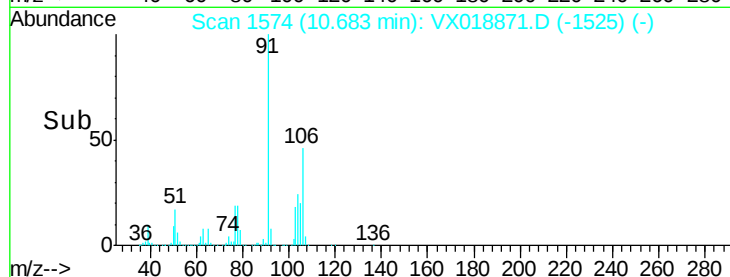
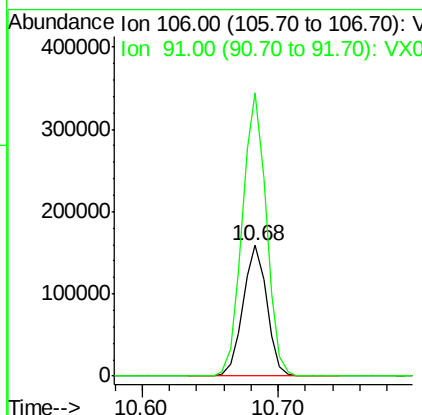
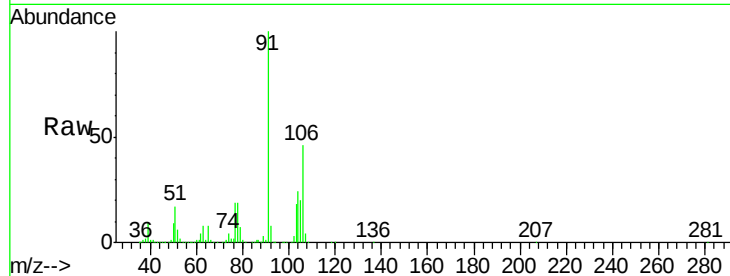
#69
o-Xylene
Concen: 49.353 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	218.8	109.9	329.6	

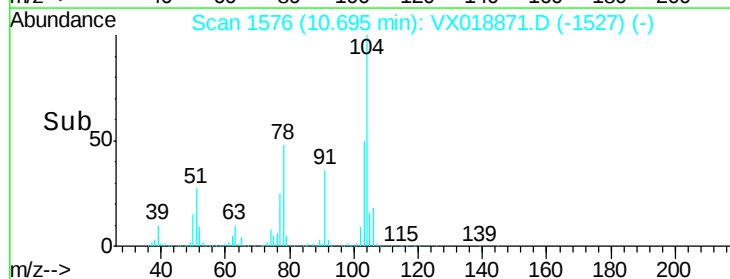
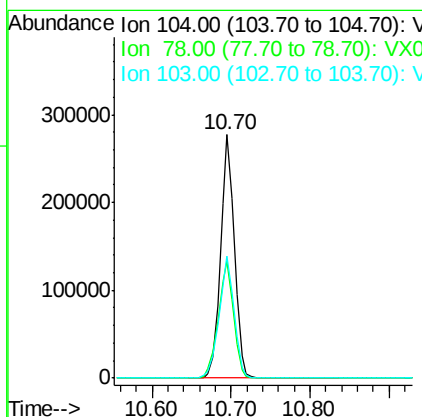
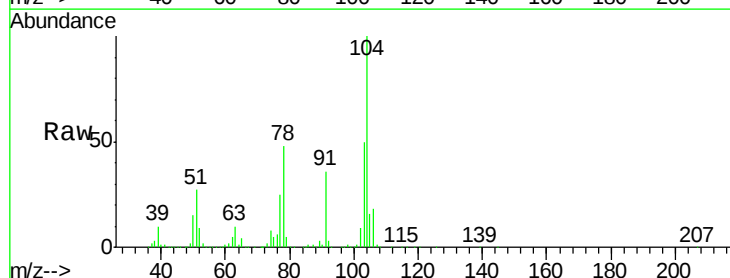
Manual Integrations
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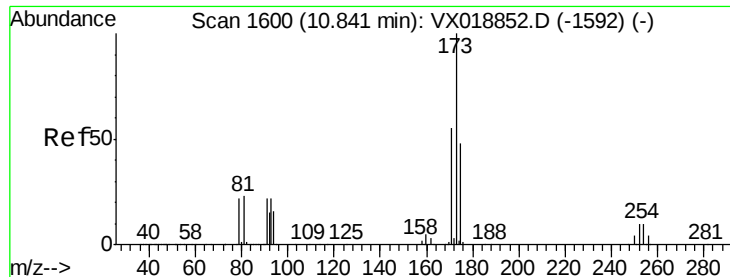
MMDadoda
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#70
Styrene
Concen: 50.870 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	53.3	43.5	65.3	
103	54.5	43.3	64.9	





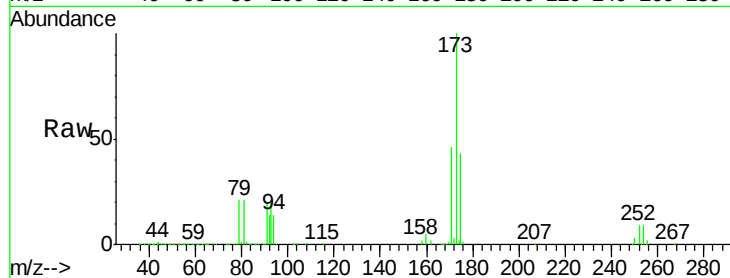
#71
Bromoform
Concen: 47.834 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

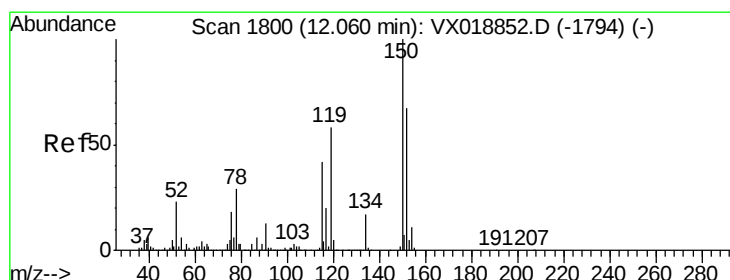
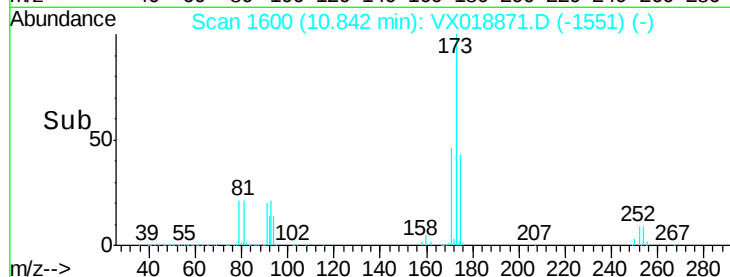
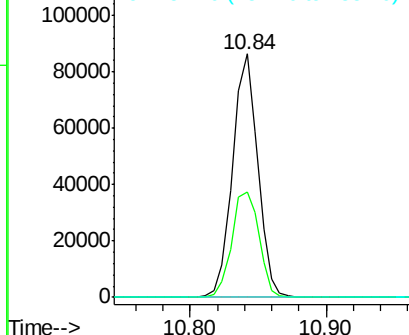
Tot Ion	Ratio	Resp	Lower	Upper
173	100	111192		
175	47.1	23.4	70.0	
254	0.1	0.0	0.0	

Manual Integrations
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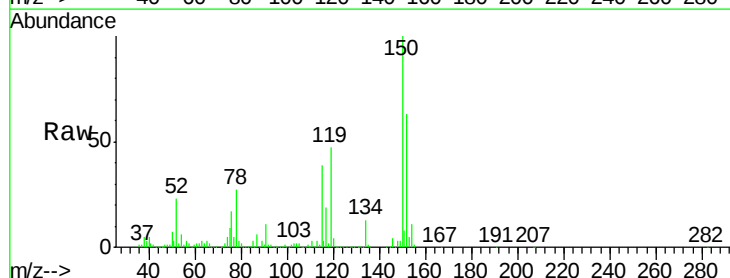


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

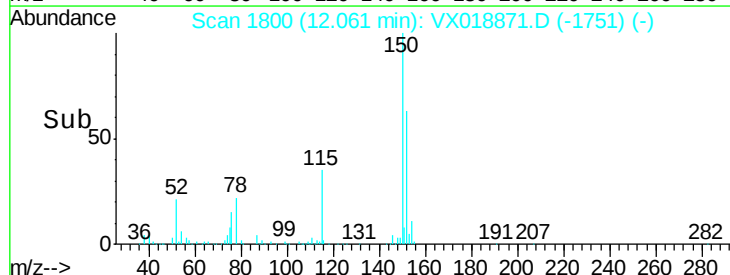
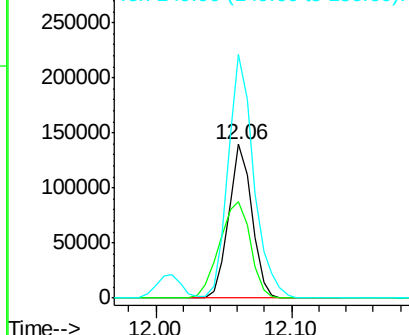


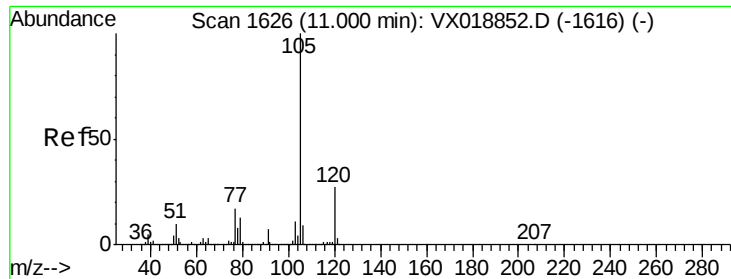
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	165258		
115	83.2	41.8	125.4	
150	175.2	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: 50.688 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 547963

Ion Ratio Lower Upper

105 100

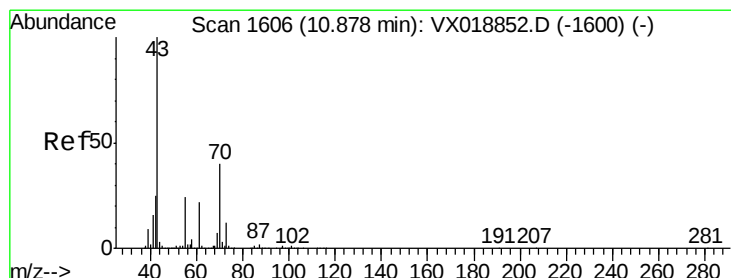
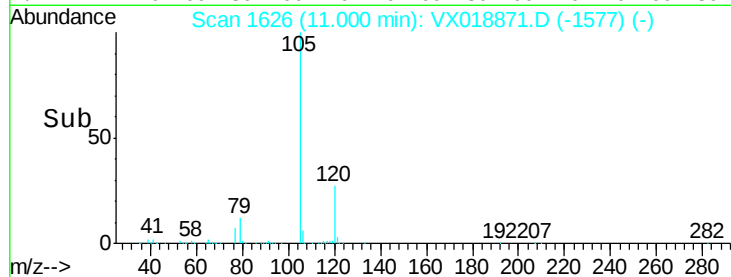
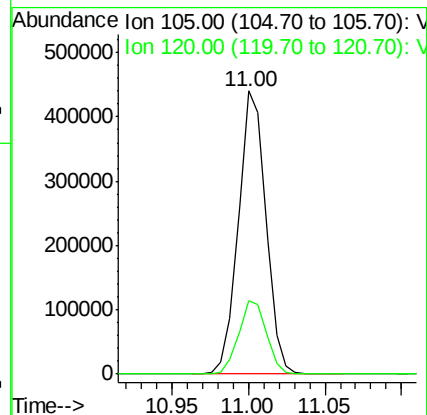
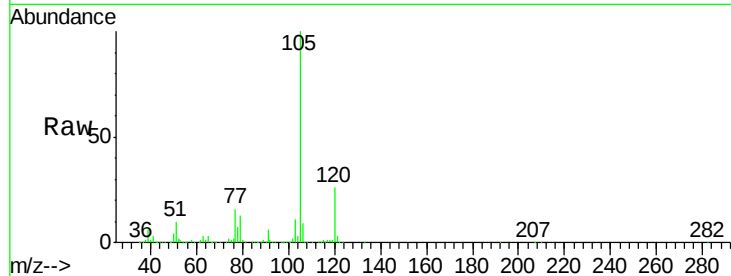
120 26.2 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.068 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion: 43 Resp: 231253

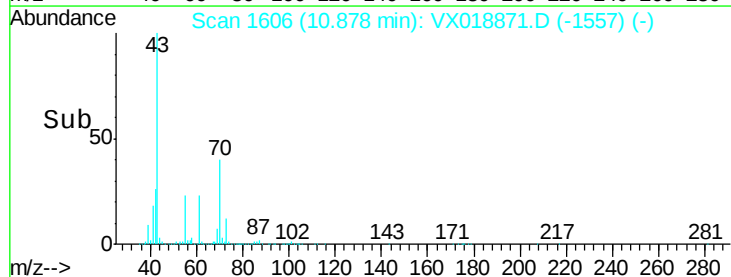
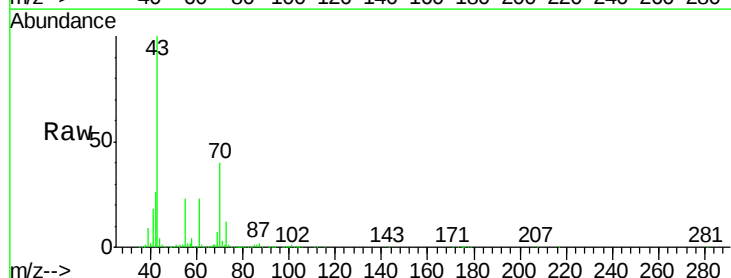
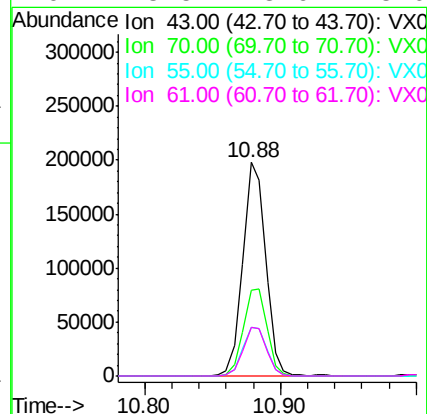
Ion Ratio Lower Upper

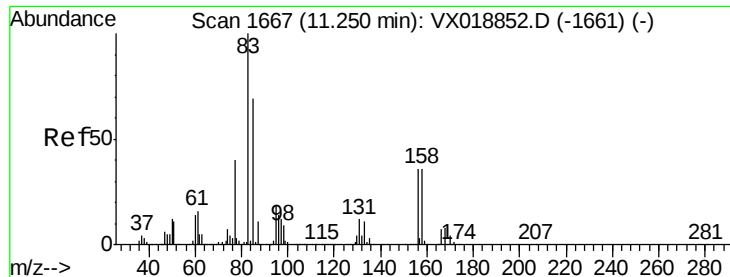
43 100

70 42.3 33.7 50.5

55 24.2 19.8 29.8

61 23.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.257 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 173875

Ion Ratio Lower Upper

83 100

131 11.5 5.9 17.8

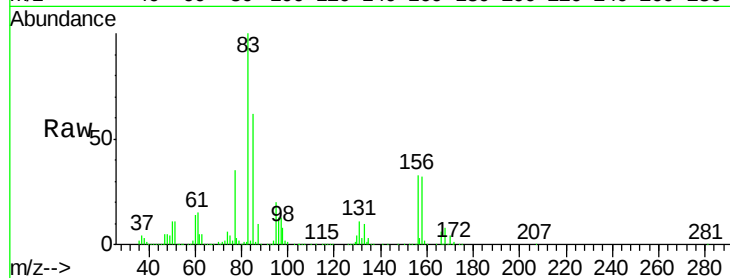
85 64.2 33.0 98.9

Manual Integrations

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MMDadoda

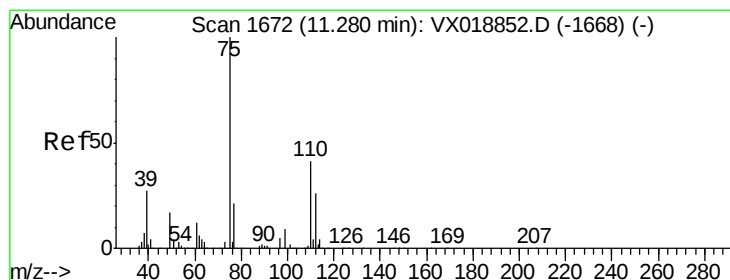
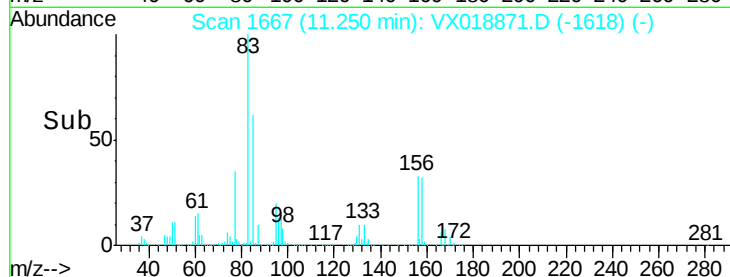
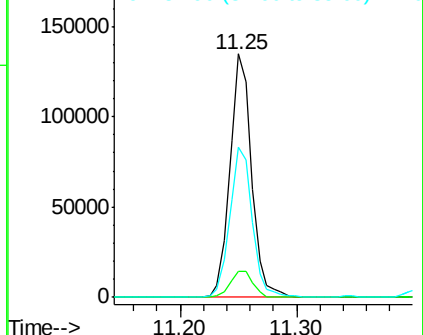
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 46.772 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018871.D

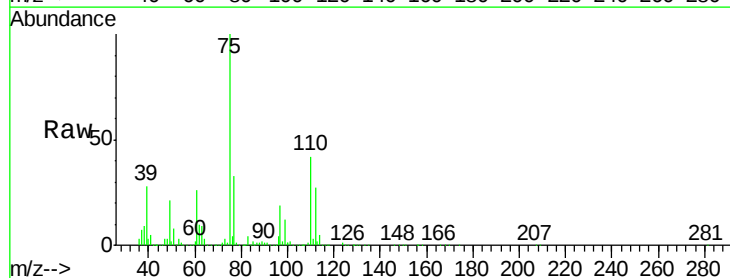
Acq: 09 Oct 2020 21:32

Tgt Ion: 75 Resp: 166546

Ion Ratio Lower Upper

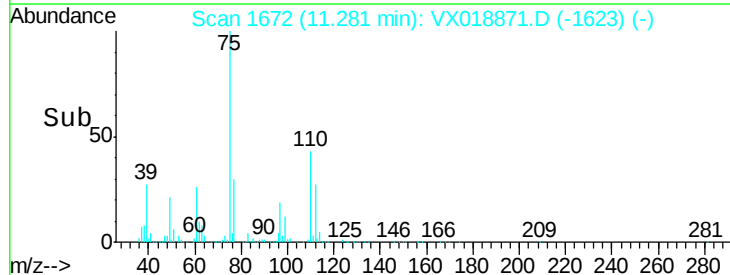
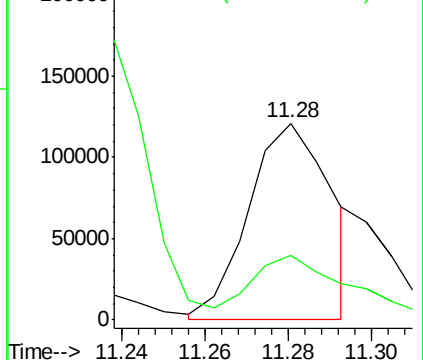
75 100

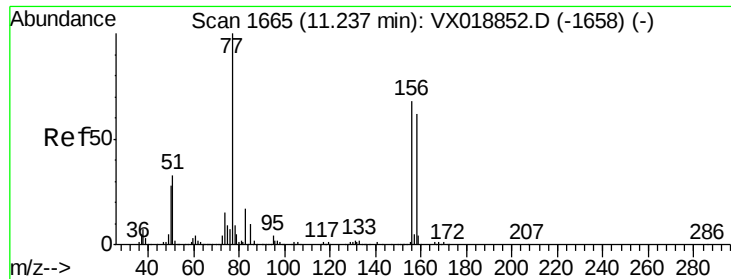
77 39.1 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.478 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 146930

Ion Ratio Lower Upper

156 100

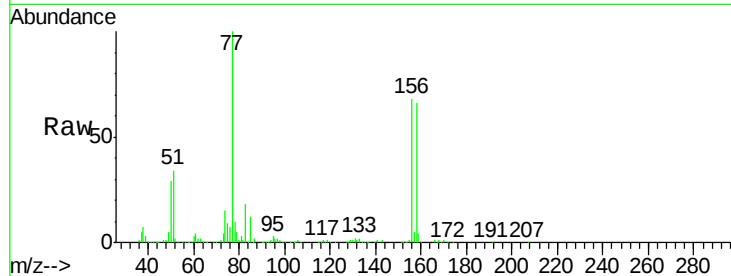
77 150.1 76.0 228.1

158 95.8 47.2 141.6

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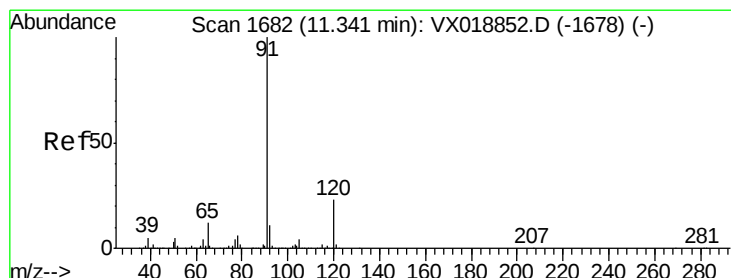
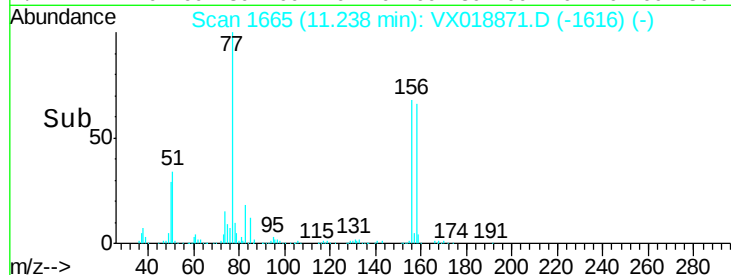
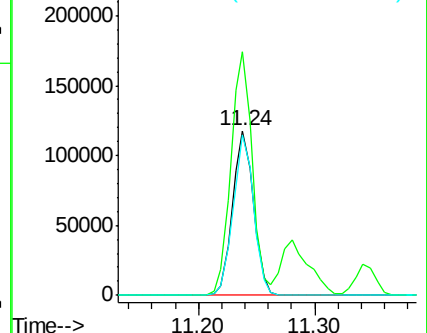
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.213 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018871.D

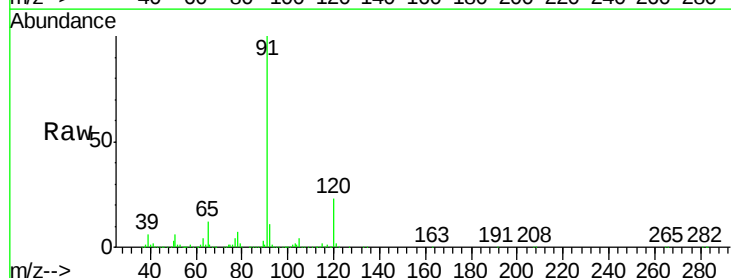
Acq: 09 Oct 2020 21:32

Tgt Ion: 91 Resp: 618536

Ion Ratio Lower Upper

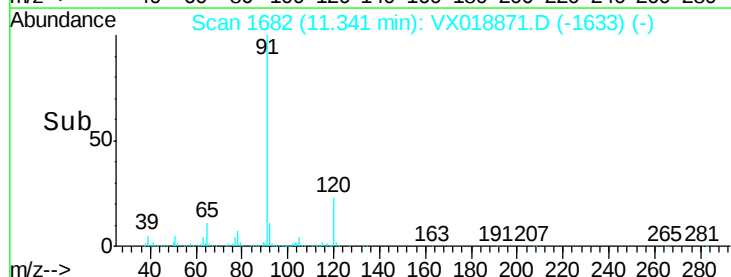
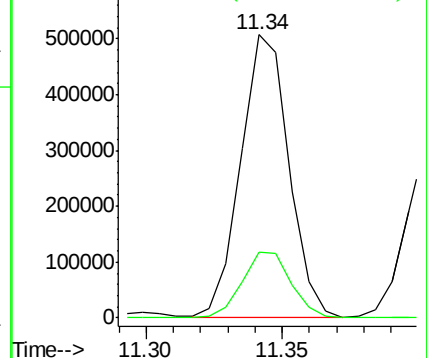
91 100

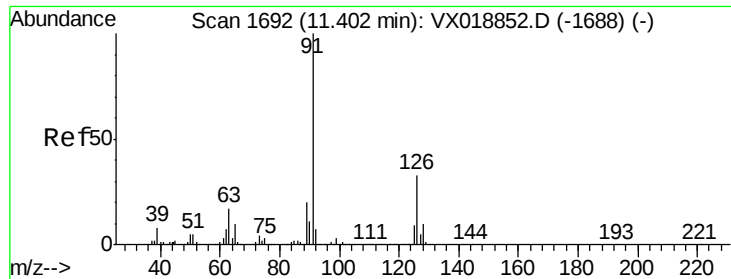
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





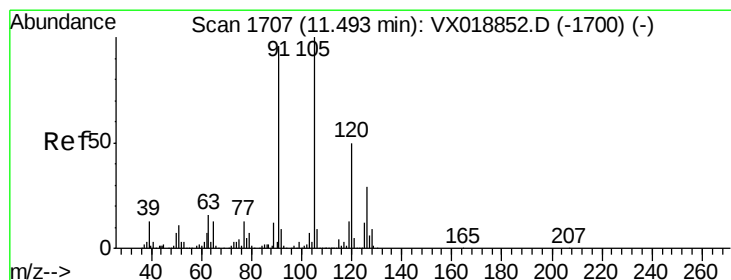
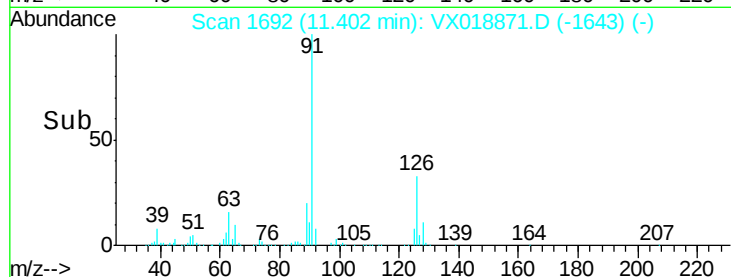
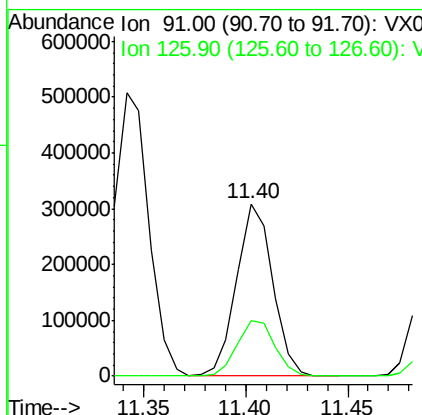
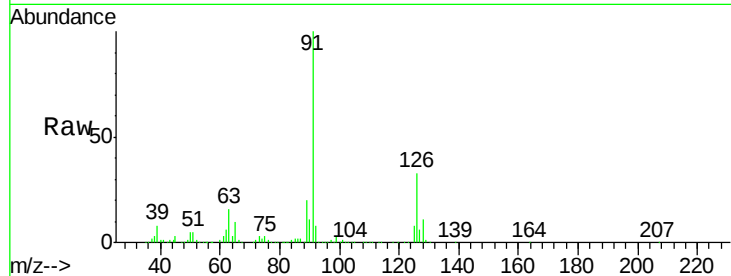
#79
 2-Chlorotoluene
 Concen: 48.972 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 376033
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.1 51.3

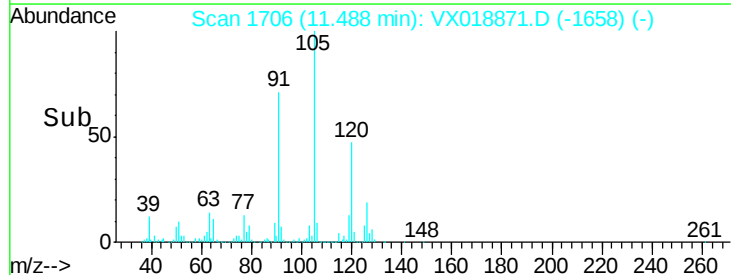
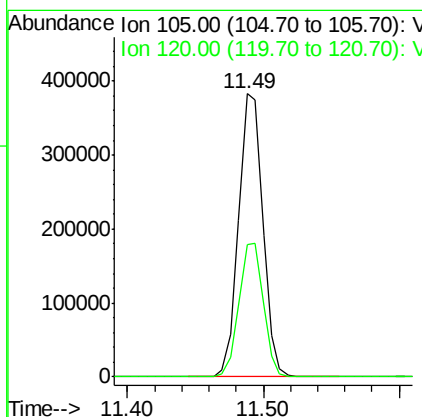
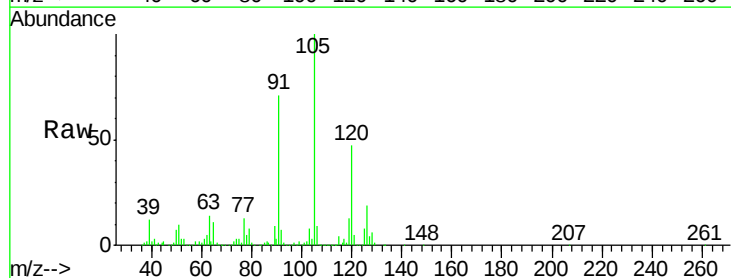
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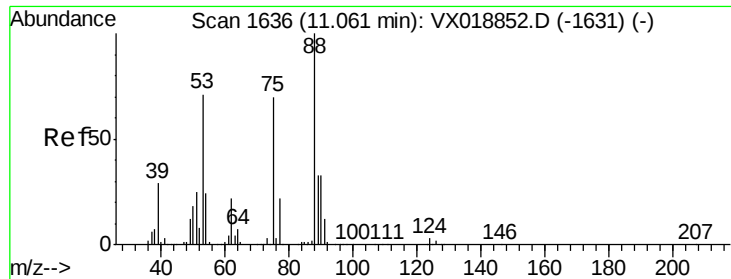
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.277 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion: 105 Resp: 474160
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.175 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

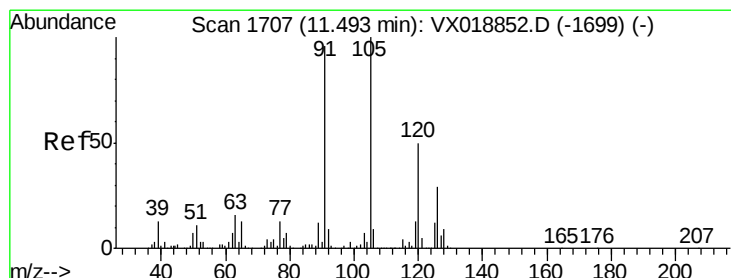
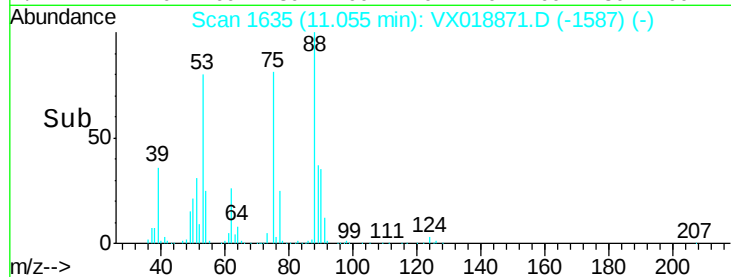
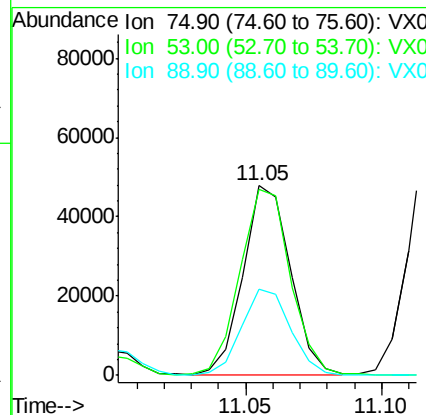
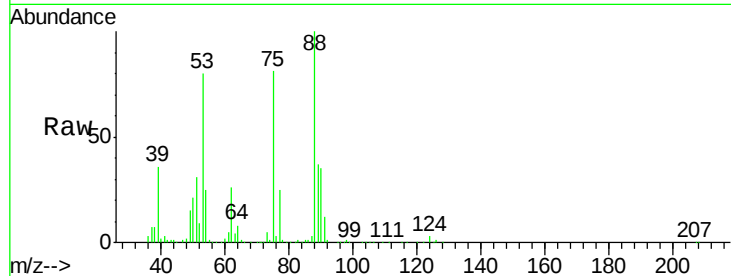
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	58018
Ion Ratio	Lower	Upper	
75	100		
53	104.0	85.0	127.4
89	46.8	39.0	58.4

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#82

4-Chlorotoluene

Concen: 49.586 ug/l

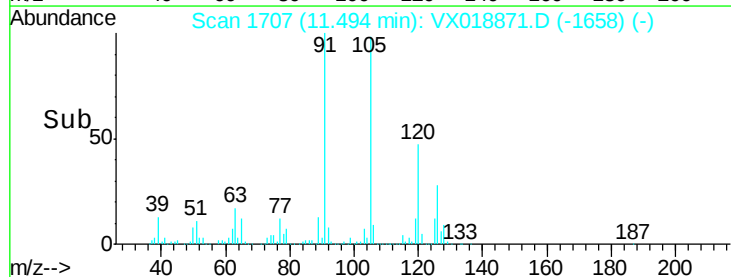
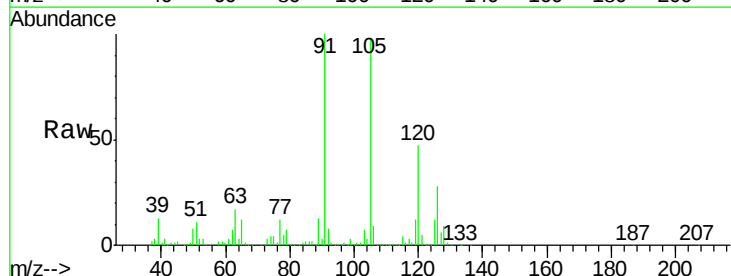
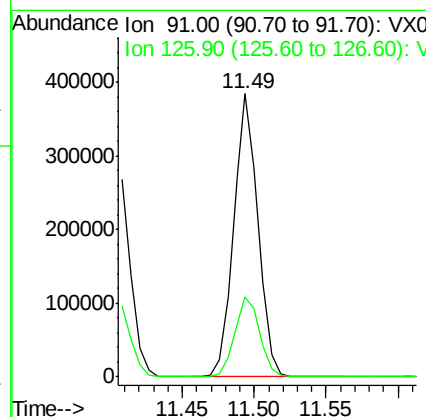
RT: 11.49 min Scan# 1707

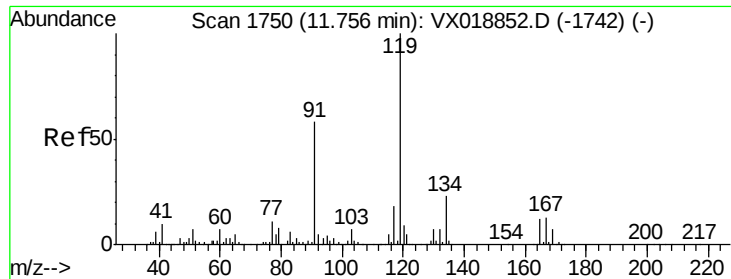
Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion:	91	Resp:	452734
Ion Ratio	Lower	Upper	
91	100		
126	29.4	14.9	44.7





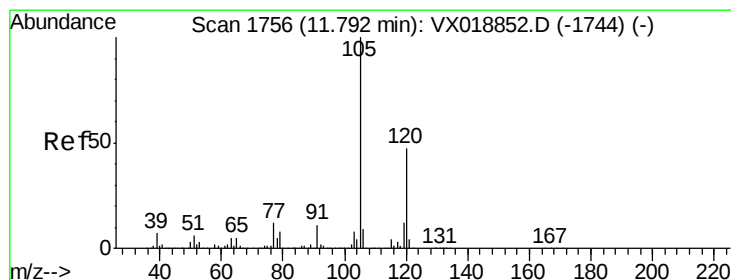
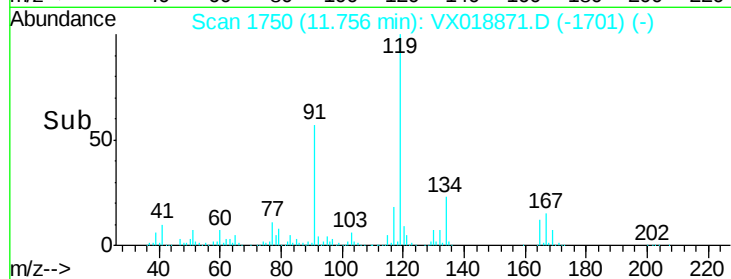
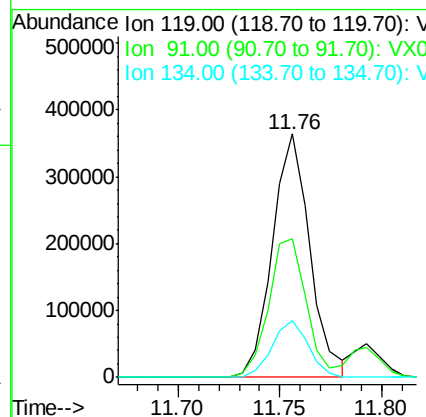
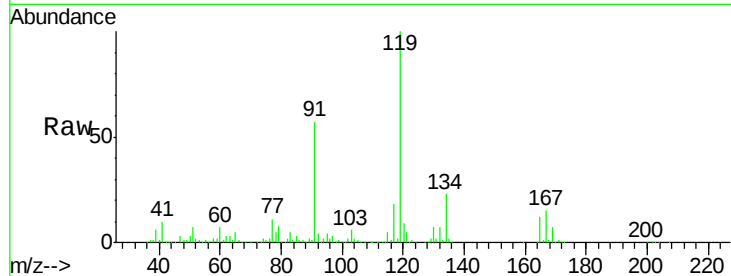
#83
 tert-Butylbenzene
 Concen: 50.280 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.8	28.6	85.9
134	22.7	11.7	35.0

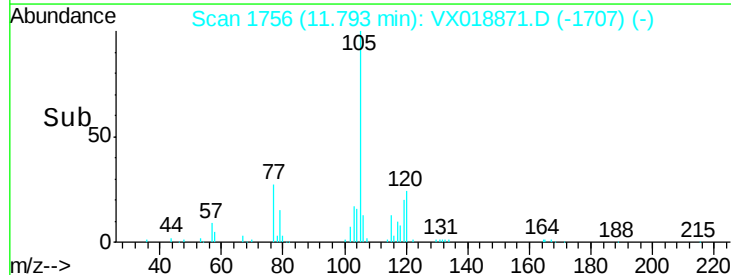
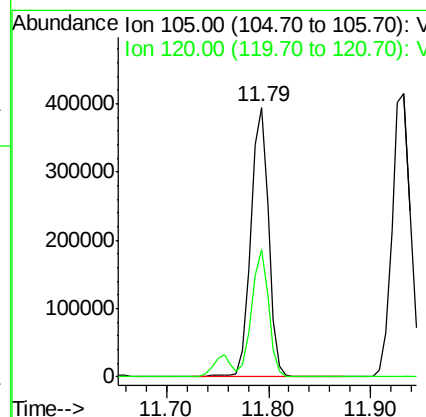
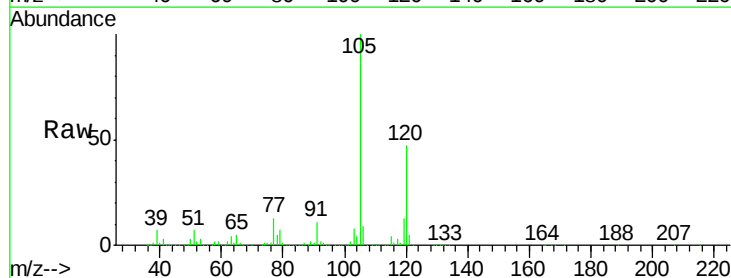
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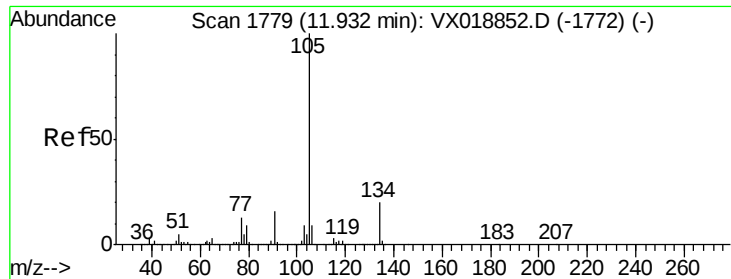
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.636 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 50.473 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 526555

Ion Ratio Lower Upper

105 100

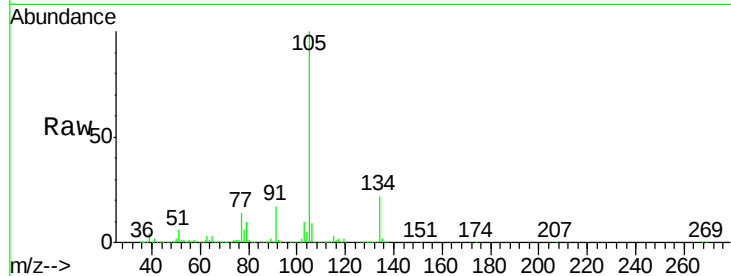
134 21.2 10.2 30.4

Manual Integrations

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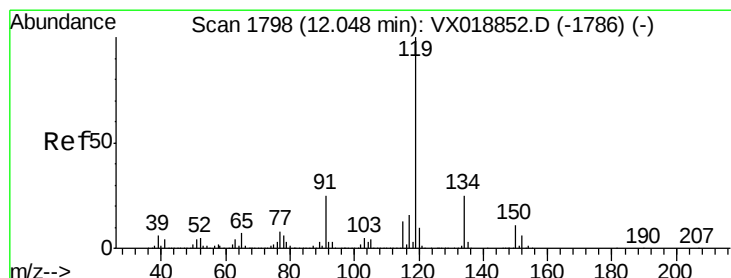
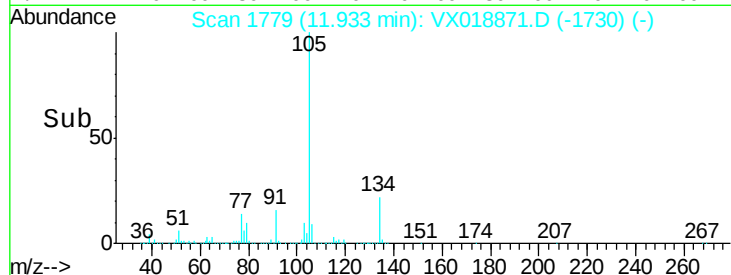
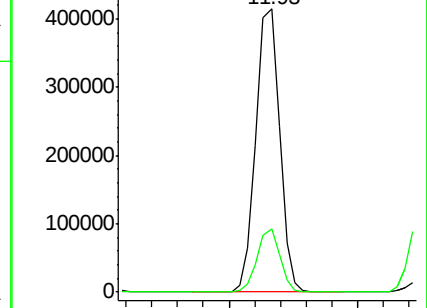
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.340 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

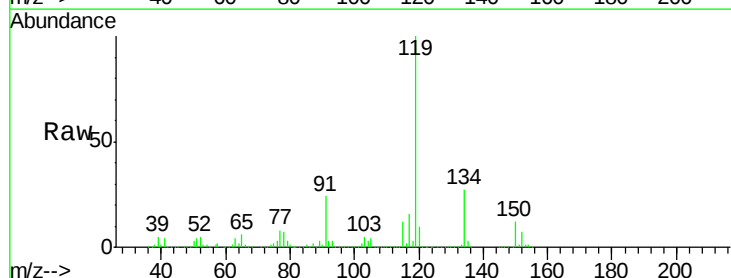
Tgt Ion:119 Resp: 508122

Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.4

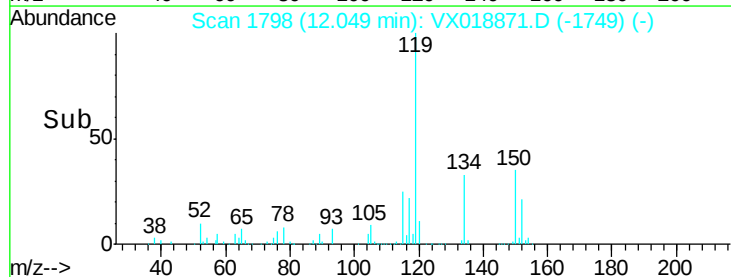
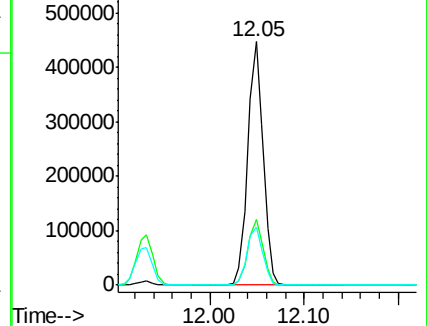
91 24.6 12.3 36.9

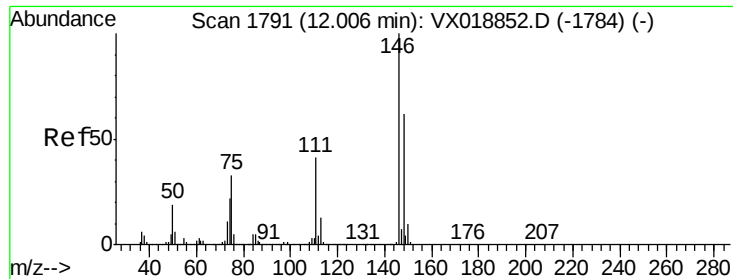


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.721 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

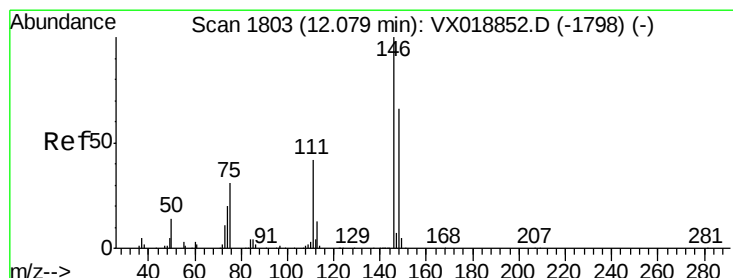
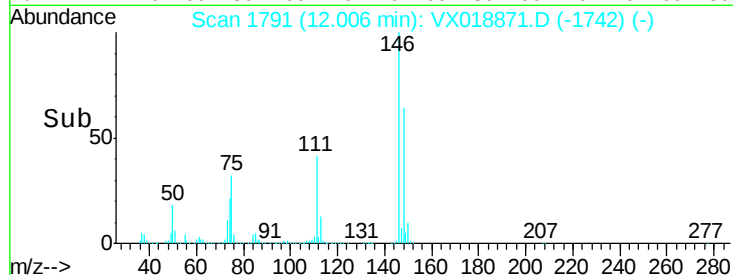
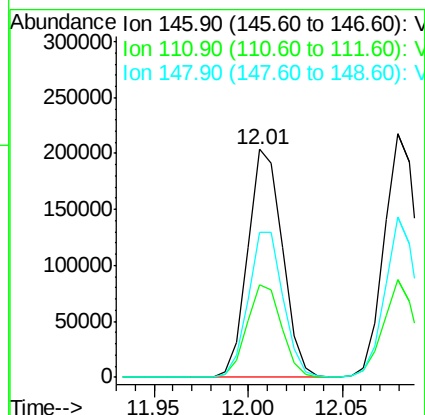
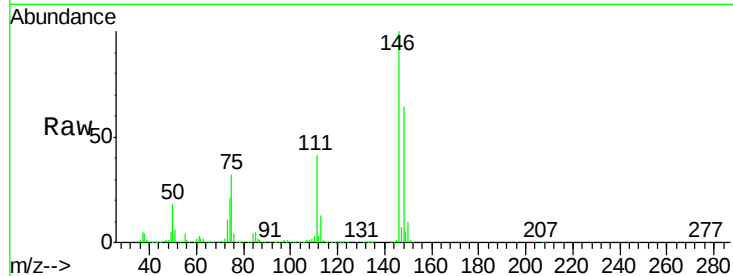
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	260261
Ion Ratio		Lower	Upper
146	100		
111	40.6	20.0	59.9
148	64.1	31.4	94.3

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#88

1,4-Dichlorobenzene

Concen: 48.684 ug/l

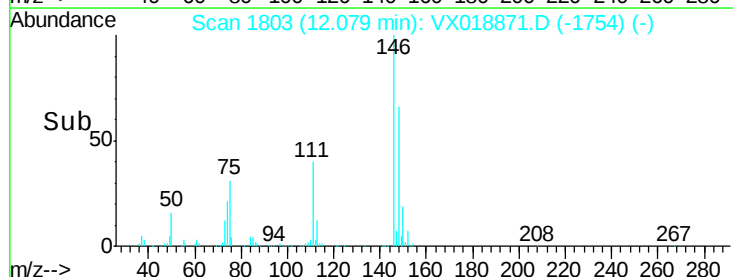
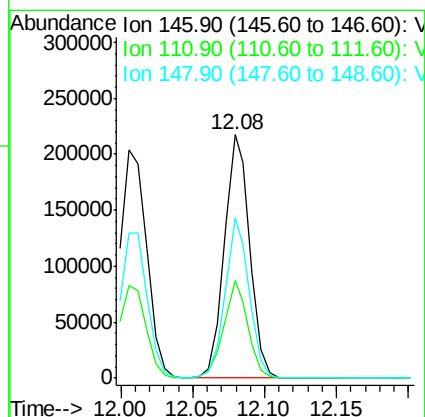
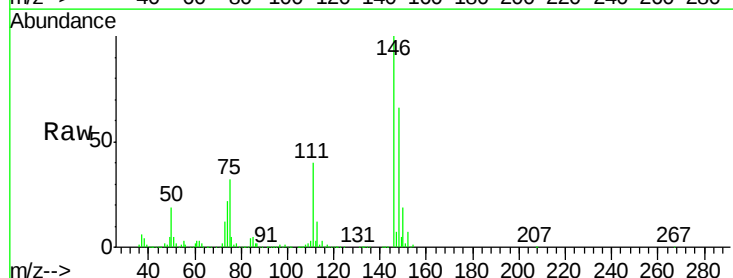
RT: 12.08 min Scan# 1803

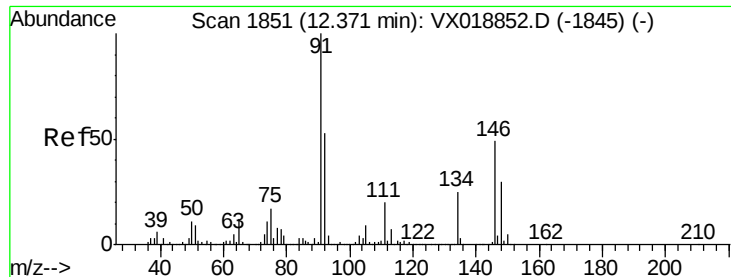
Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion:	146	Resp:	268942
Ion Ratio		Lower	Upper
146	100		
111	38.0	20.5	61.5
148	62.8	32.2	96.6





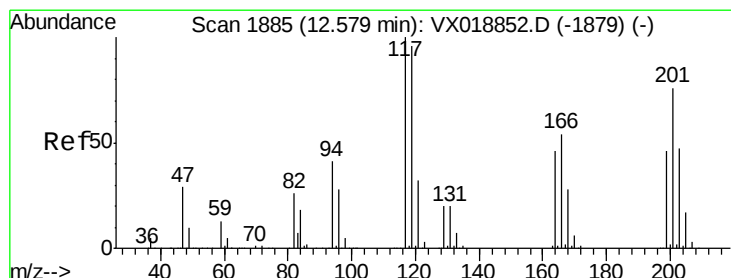
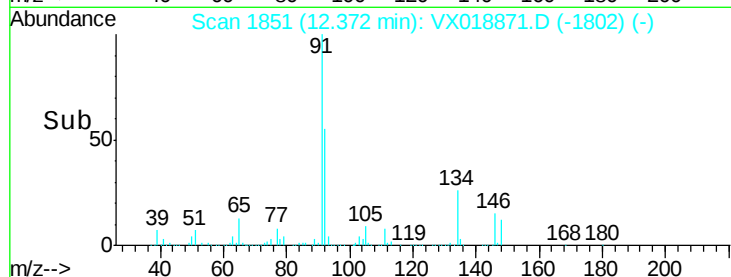
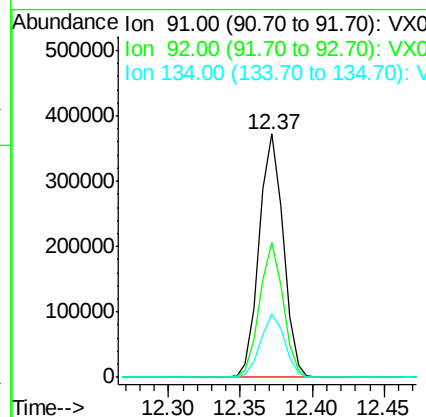
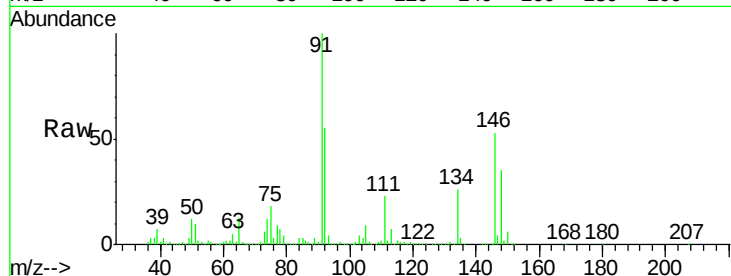
#89
n-Butylbenzene
Concen: 49.610 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.7	80.0
134	25.9	13.5	40.4

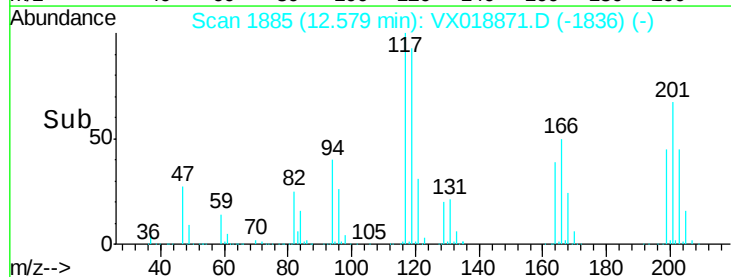
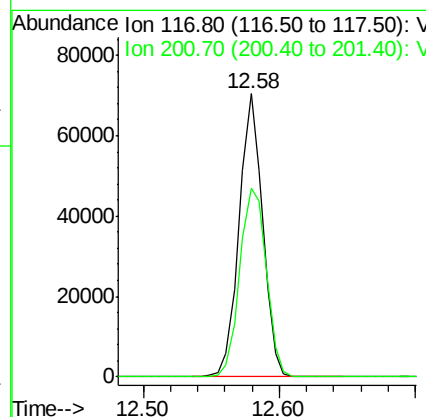
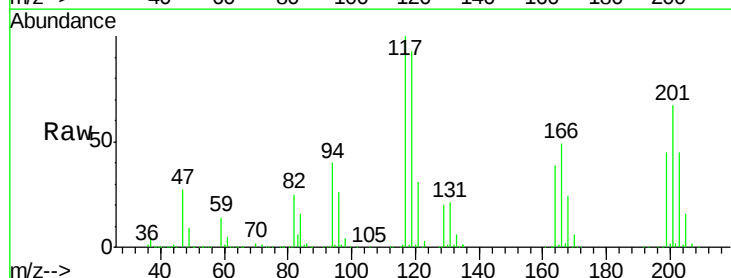
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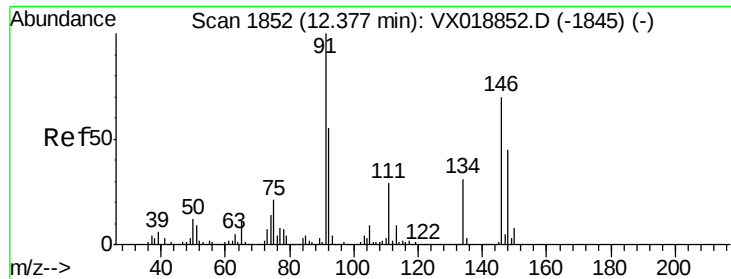
MMDadoda
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#90
Hexachloroethane
Concen: 46.040 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.2	37.4	112.2





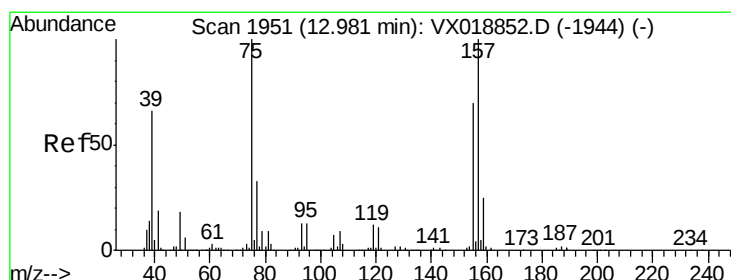
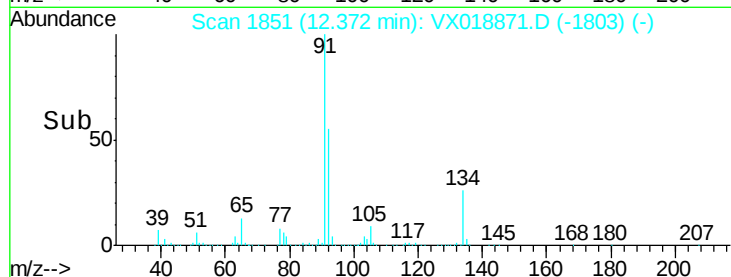
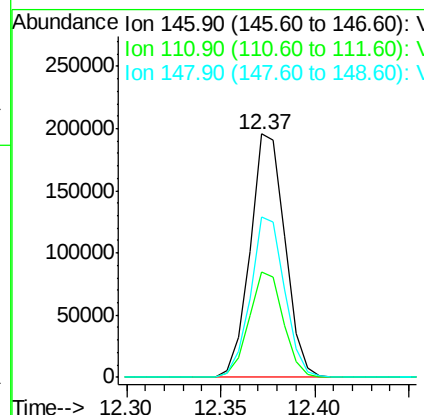
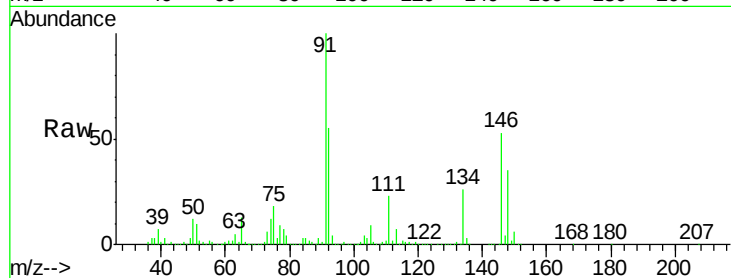
#91
 1,2-Dichlorobenzene
 Concen: 48.236 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	250409		
111	42.5	20.6	61.9	
148	64.7	31.1	93.2	

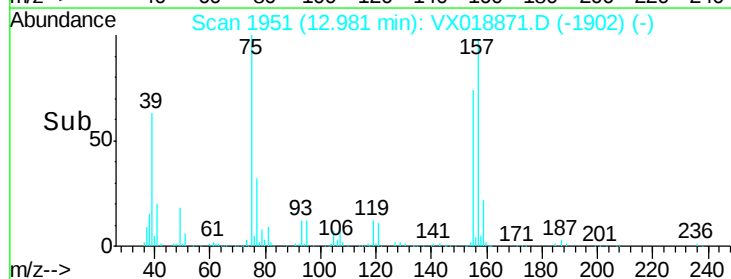
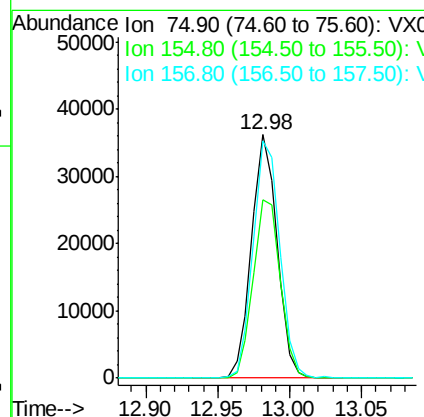
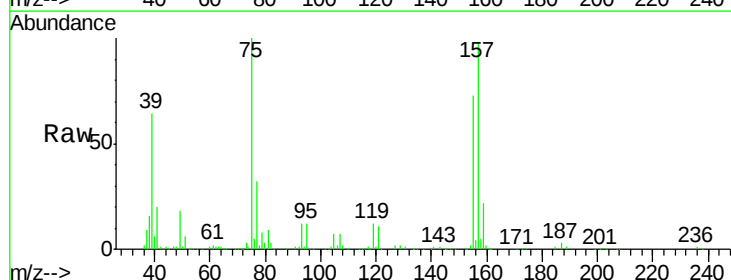
Manual Integrations
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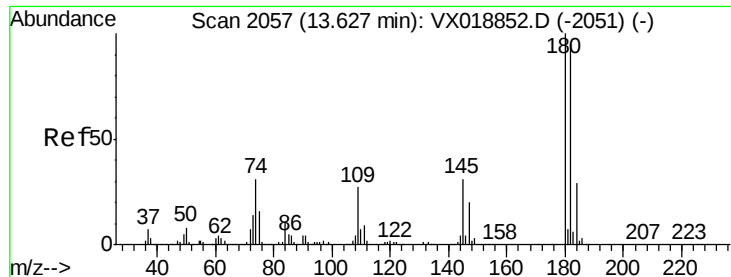
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.249 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44462		
155	77.5	38.0	113.9	
157	101.3	50.9	152.7	





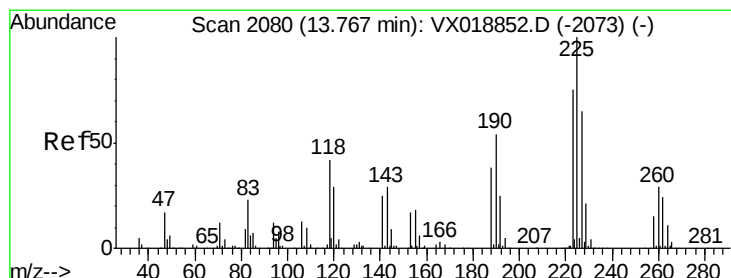
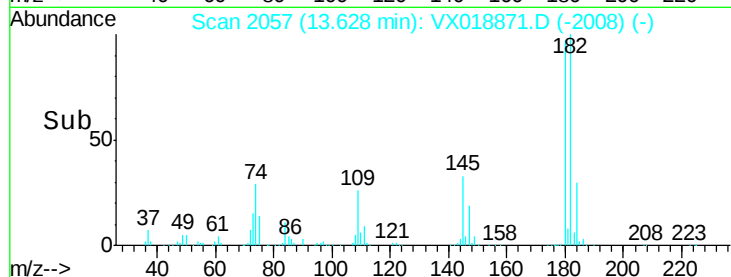
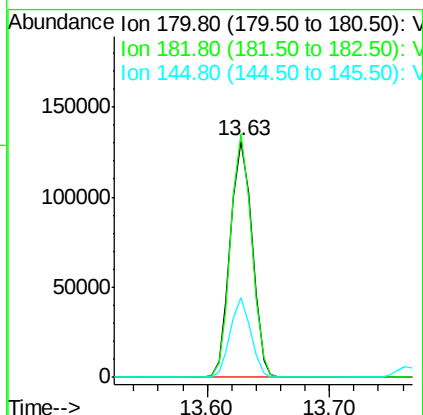
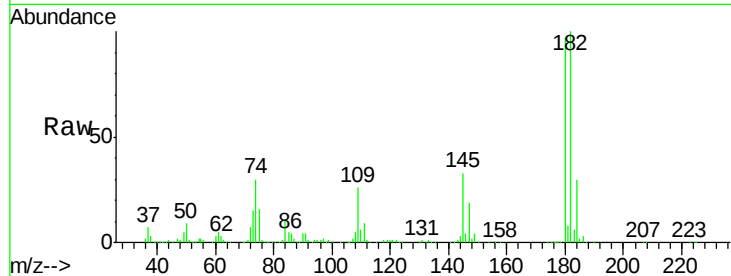
#93
1,2,4-Trichlorobenzene
Concen: 48.657 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	162048		
182	98.7	49.1	147.3	
145	31.6	16.0	48.0	

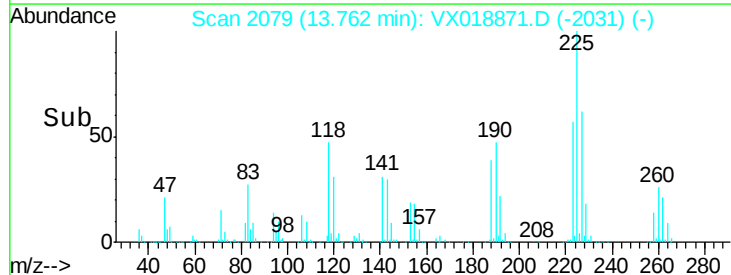
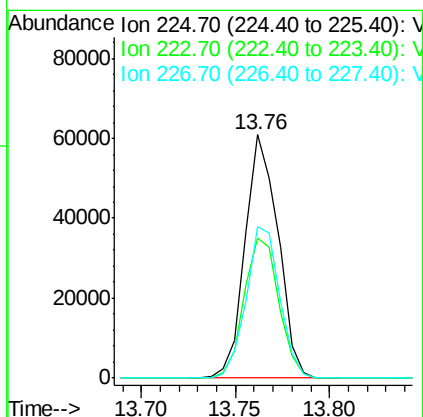
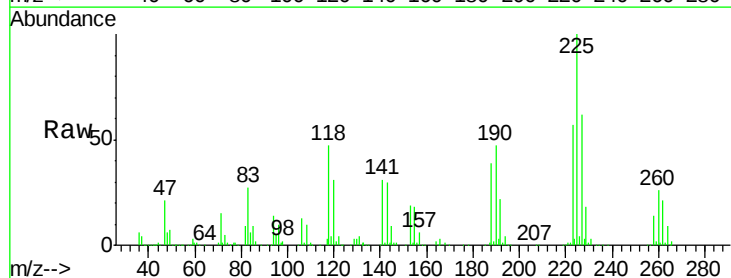
Manual Integrations
APPROVED

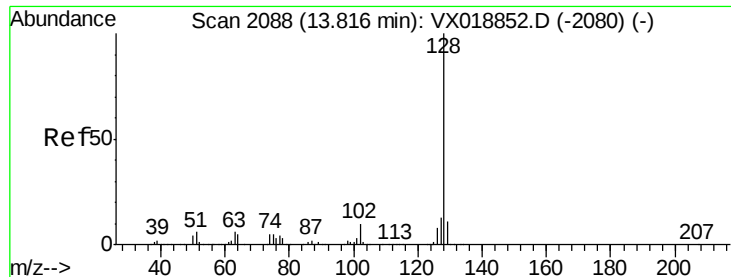
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#94
Hexachlorobutadiene
Concen: 50.075 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74075		
223	60.9	32.1	96.3	
227	63.2	33.0	98.9	





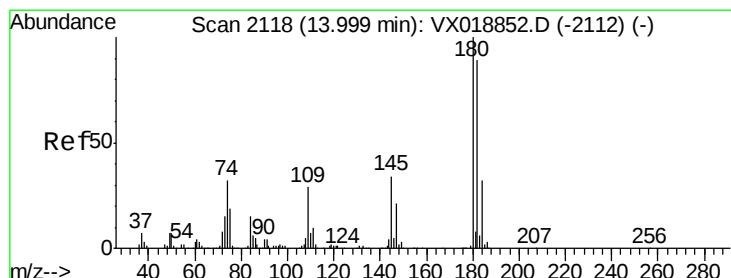
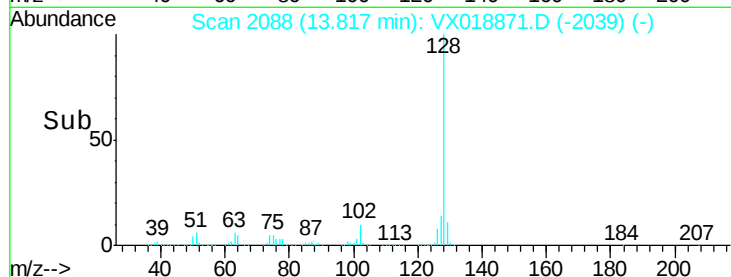
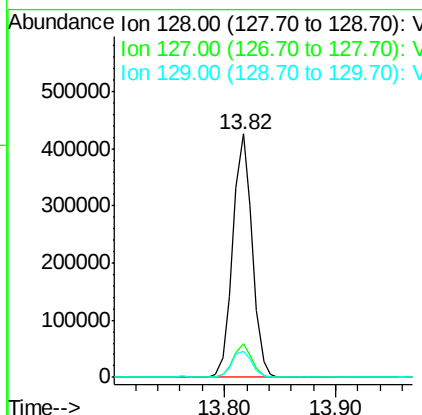
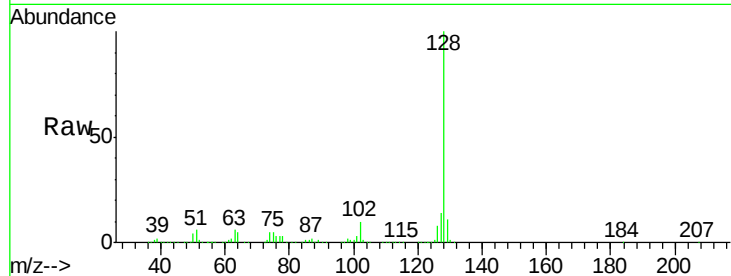
#95
Naphthalene
Concen: 46.155 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	11.2	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 49.579 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.7	143.1
145	34.1	16.7	50.0

