

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016871.D
 Acq On : 09 Oct 2020 20:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 4:20:58 PM

Quant Time: Oct 12 15:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 12 14:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	377345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	537181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	242138	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	160208	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
35) Dibromofluoromethane	7.89	113	173361	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
50) Toluene-d8	10.33	98	657501	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.62	95	226415	53.18	ug/l	0.00
Spiked Amount			Recovery	=	106.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	91153	44.287	ug/l	97
3) Chloromethane	2.22	50	104815	46.447	ug/l	98
4) Vinyl Chloride	2.37	62	153064	46.904	ug/l	100
5) Bromomethane	2.78	94	118572	47.310	ug/l	100
6) Chloroethane	2.93	64	101257	48.757	ug/l	98
7) Trichlorofluoromethane	3.27	101	118929	50.057	ug/l	93
8) Diethyl Ether	3.68	74	72368	48.767	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	149262	46.657	ug/l	99
10) Methyl Iodide	4.28	142	251533	49.181	ug/l	100
11) Tert butyl alcohol	5.17	59	39826	265.505	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	152321	48.237	ug/l	96
13) Acrolein	3.90	56	55002	271.226	ug/l	99
14) Allyl chloride	4.68	41	186019	49.212	ug/l	99
15) Acrylonitrile	5.37	53	129371	261.905	ug/l	99
16) Acetone	4.12	43	119822	241.036	ug/l	98
17) Carbon Disulfide	4.39	76	406570	48.393	ug/l	100
18) Methyl Acetate	4.67	43	62174	54.530	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	180121	52.924	ug/l	100
20) Methylene Chloride	4.92	84	165624	42.045	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	171081	48.260	ug/l	98
22) Diisopropyl ether	6.31	45	339804	49.463	ug/l	97
23) Vinyl Acetate	6.26	43	1108471	251.810	ug/l	97
24) 1,1-Dichloroethane	6.22	63	265056	48.657	ug/l	98
25) 2-Butanone	7.17	43	173053	261.122	ug/l	99
26) 2,2-Dichloropropane	7.17	77	159068	47.727	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	185763	48.926	ug/l	99
28) Bromochloromethane	7.52	49	117279	53.792	ug/l	100
29) Tetrahydrofuran	7.53	42	99777	268.787	ug/l	99
30) Chloroform	7.68	83	287577	48.560	ug/l	98
31) Cyclohexane	7.96	56	210582	45.321	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	247076	49.463	ug/l	99
36) 1,1-Dichloropropene	8.09	75	227733	49.044	ug/l	100
37) Ethyl Acetate	7.26	43	78921	52.016	ug/l	98
38) Carbon Tetrachloride	8.07	117	240781	49.867	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	259160	48.937	ug/l	94
40) Benzene	8.33	78	632475	48.880	ug/l	98
41) Methacrylonitrile	7.48	41	46717	51.961	ug/l	95
42) 1,2-Dichloroethane	8.40	62	174409	49.277	ug/l	100
43) Isopropyl Acetate	8.43	43	151838	52.240	ug/l	100
44) Trichloroethene	9.10	130	195392	48.788	ug/l	97
45) 1,2-Dichloropropane	9.37	63	142471	48.283	ug/l	99
46) Dibromomethane	9.46	93	84705	50.188	ug/l	98
47) Bromodichloromethane	9.65	83	207512	49.449	ug/l	99
48) Methyl methacrylate	9.44	41	71449	53.344	ug/l	99
49) 1,4-Dioxane	9.45	88	21087	1086.210	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	380192	258.560	ug/l	99
52) Toluene	10.39	92	423069	49.462	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	193762	50.718	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	237739	50.948	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	119910	49.914	ug/l	99
56) Ethyl methacrylate	10.65	69	138252	52.901	ug/l	99
57) 1,3-Dichloropropane	10.93	76	197282	49.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	387310	267.441	ug/l	100
59) 2-Hexanone	10.97	43	258157	265.351	ug/l	99
60) Dibromochloromethane	11.13	129	149209	50.638	ug/l	100
61) 1,2-Dibromoethane	11.24	107	119756	50.337	ug/l	100
64) Tetrachloroethene	10.87	164	170802	50.221	ug/l	96
65) Chlorobenzene	11.66	112	463253	49.477	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	166064	50.152	ug/l	99
67) Ethyl Benzene	11.73	91	828872	50.802	ug/l	100
68) m/p-Xylenes	11.84	106	640323	100.908	ug/l	98
69) o-Xylene	12.17	106	296215	50.868	ug/l	100
70) Styrene	12.18	104	493502	50.920	ug/l	99
71) Bromoform	12.35	173	87200	52.456	ug/l	98
73) Isopropylbenzene	12.47	105	837268	52.023	ug/l	100
74) N-amyl acetate	12.27	43	136437	52.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	130039	51.497	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	92469m	51.180	ug/l	
77) Bromobenzene	12.75	156	204081	51.298	ug/l	98
78) n-propylbenzene	12.80	91	953625	51.379	ug/l	99
79) 2-Chlorotoluene	12.90	91	526887	49.763	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	697635	51.724	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	36657	54.535	ug/l	99
82) 4-Chlorotoluene	12.99	91	552629	50.560	ug/l	100
83) tert-Butylbenzene	13.21	119	606745	51.795	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	685028	50.971	ug/l	100
85) sec-Butylbenzene	13.38	105	828324	50.800	ug/l	100
86) p-Isopropyltoluene	13.50	119	780862	51.429	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	389159	50.584	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	380247	50.156	ug/l	99
89) n-Butylbenzene	13.82	91	684843	50.068	ug/l	98
90) Hexachloroethane	14.10	117	121947	52.051	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	330122	49.733	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20819	53.837	ug/l	97

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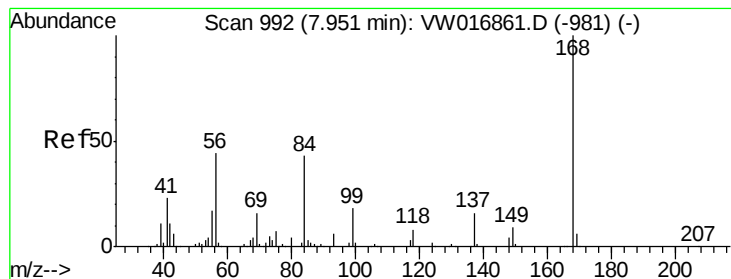
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	245339	53.567	ug/l	95
94) Hexachlorobutadiene	15.24	225	151511	51.031	ug/l	97
95) Naphthalene	15.37	128	416370	55.937	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	206905	51.929	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 377345

Ion Ratio Lower Upper

168 100

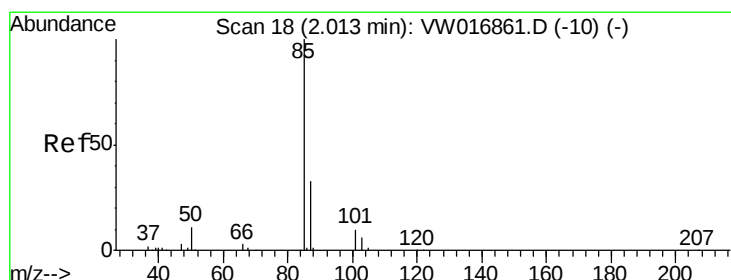
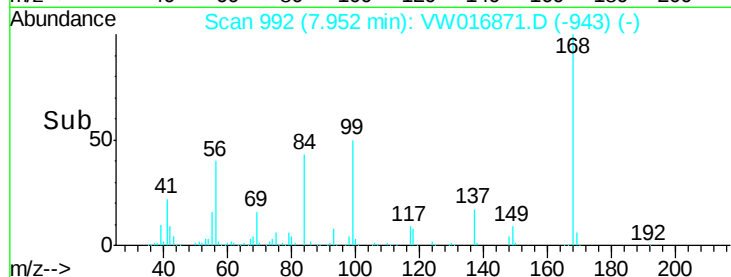
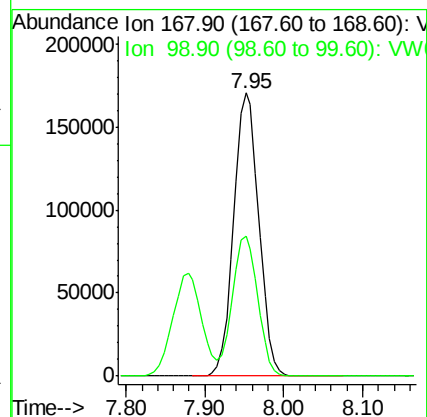
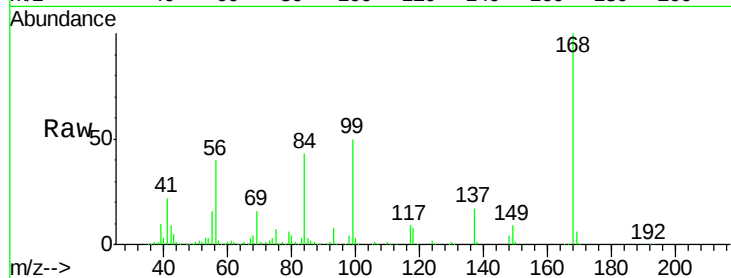
99 49.6 40.7 61.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.287 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016871.D

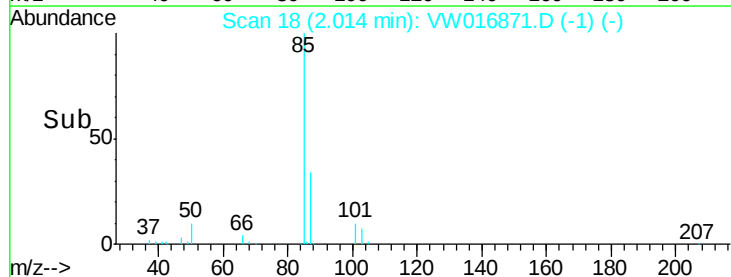
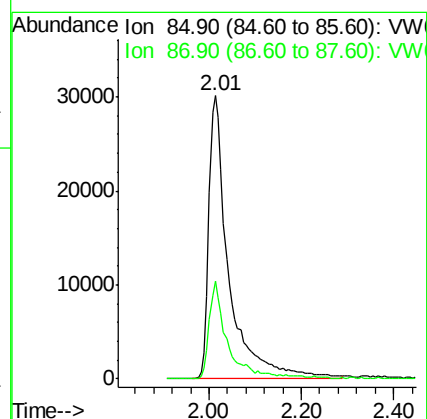
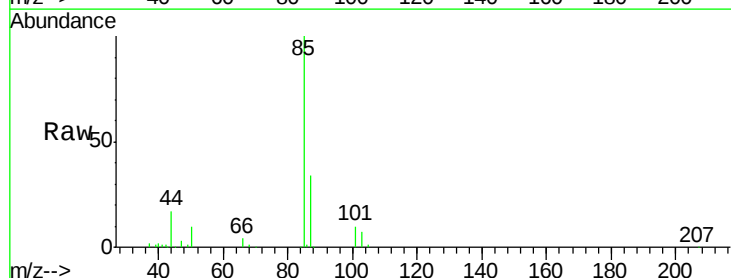
Acq: 09 Oct 2020 20:05

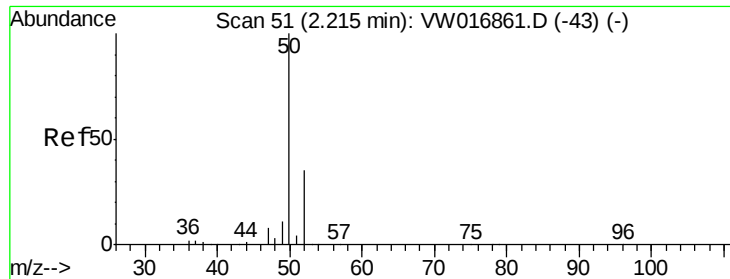
Tgt Ion: 85 Resp: 91153

Ion Ratio Lower Upper

85 100

87 34.4 16.3 48.9





#3

Chloromethane

Concen: 46.447 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 104815

Ion Ratio Lower Upper

50 100

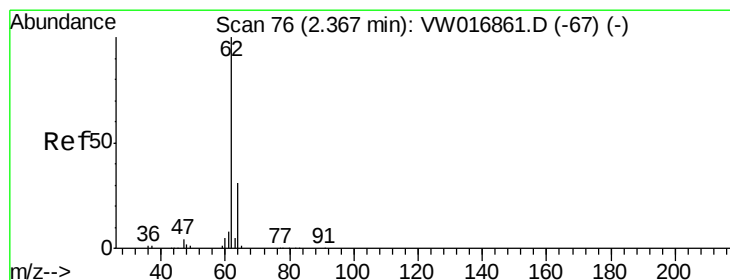
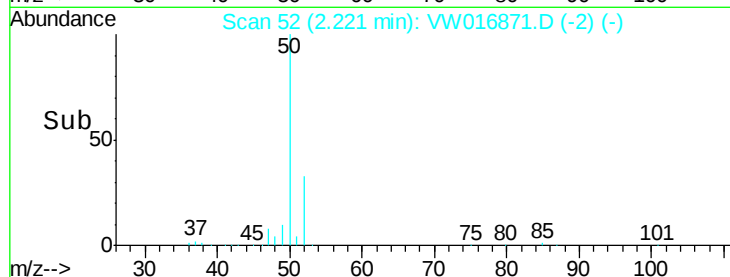
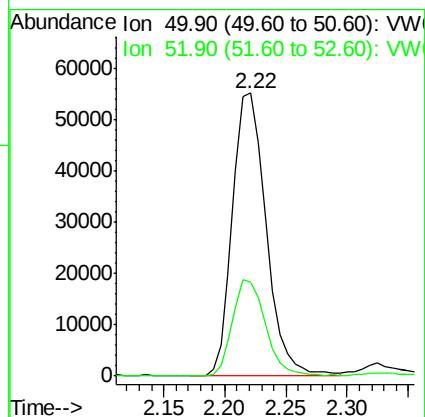
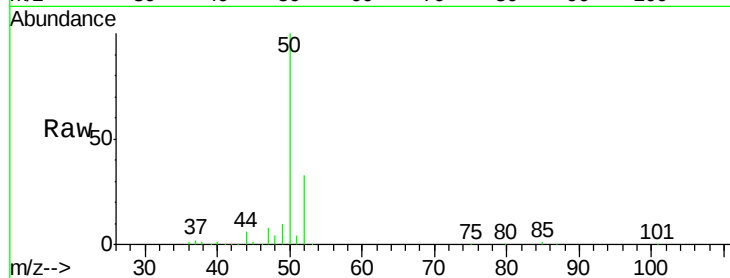
52 33.4 27.6 41.4

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#4

Vinyl Chloride

Concen: 46.904 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016871.D

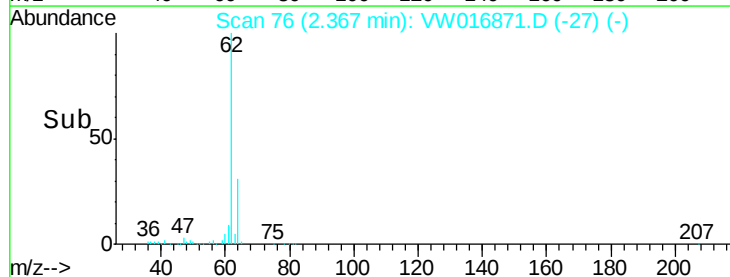
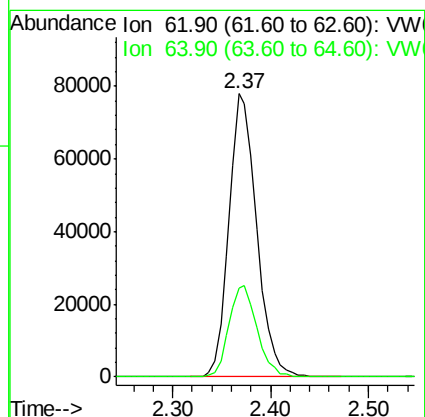
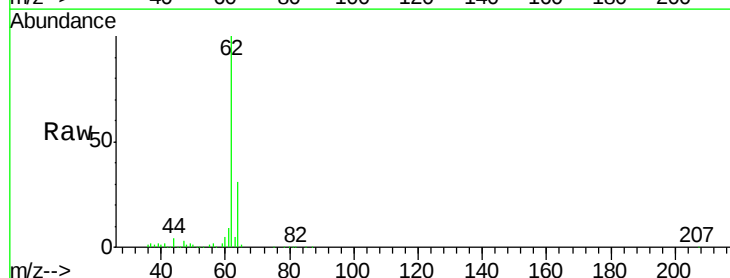
Acq: 09 Oct 2020 20:05

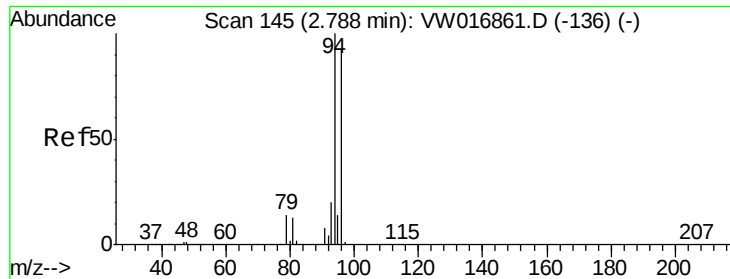
Tgt Ion: 62 Resp: 153064

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4





#5

Bromomethane

Concen: 47.310 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 118572

Ion Ratio Lower Upper

94 100

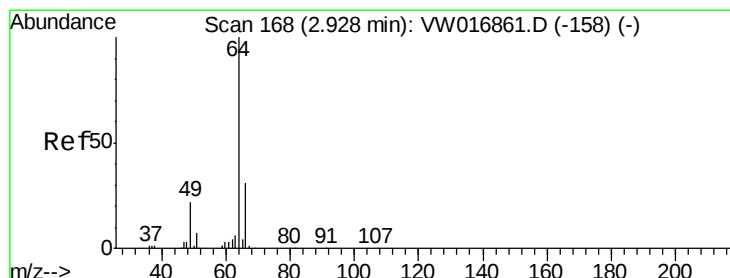
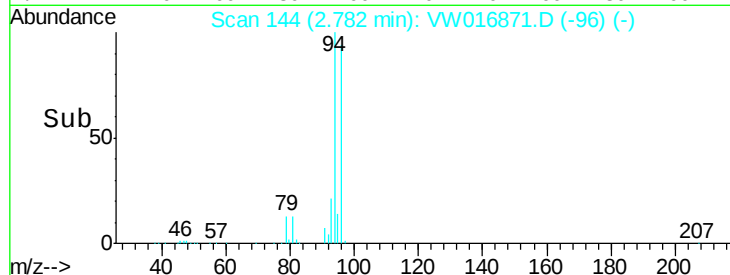
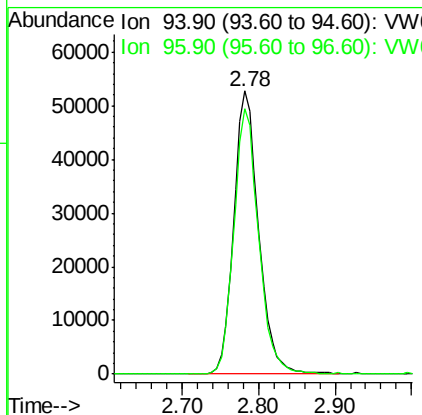
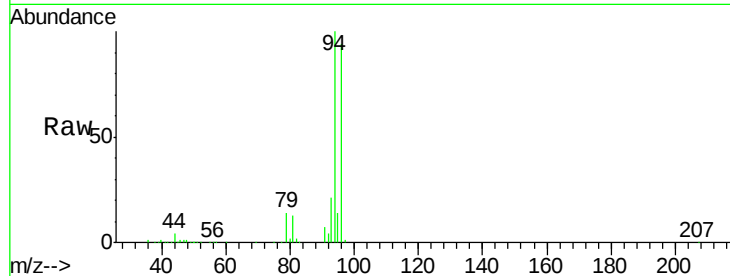
96 93.8 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 48.757 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016871.D

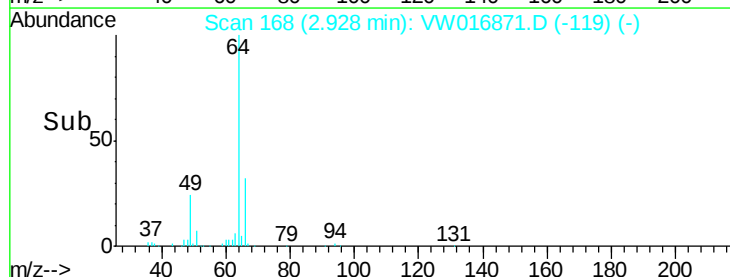
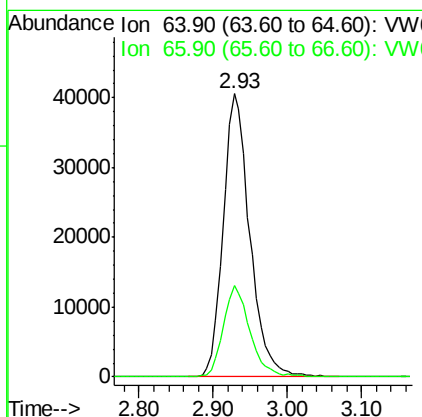
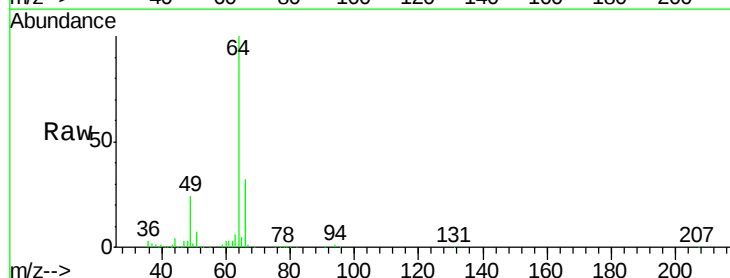
Acq: 09 Oct 2020 20:05

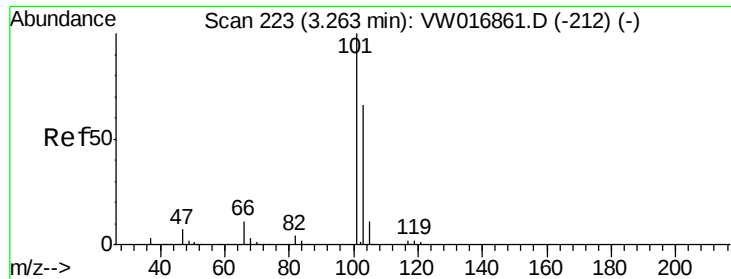
Tgt Ion: 64 Resp: 101257

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6





#7

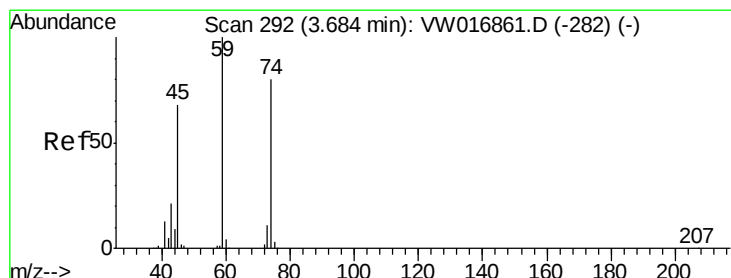
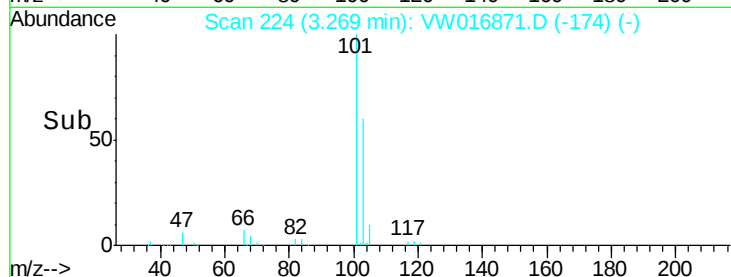
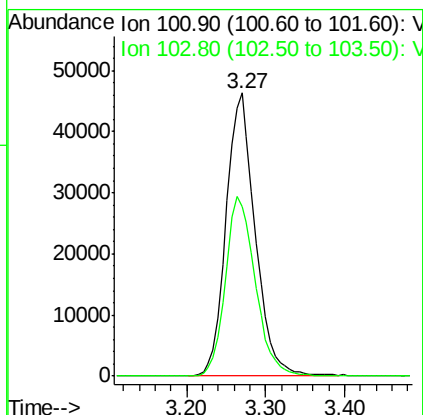
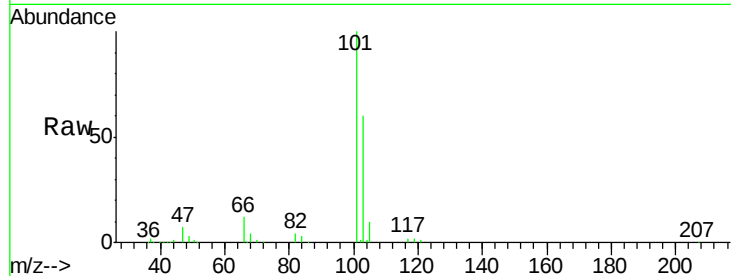
Trichlorofluoromethane
Concen: 50.057 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.0	52.6	79.0

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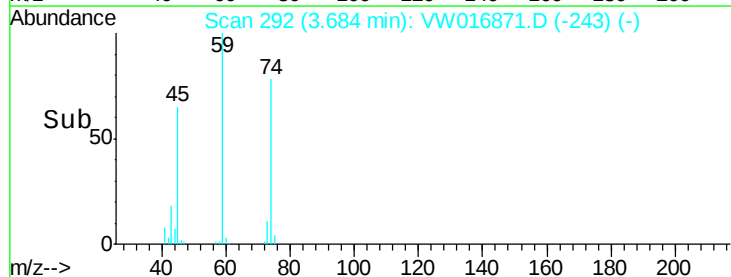
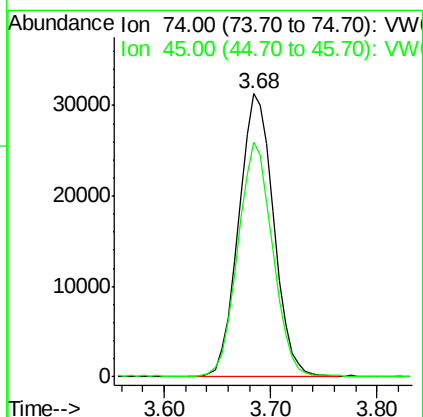
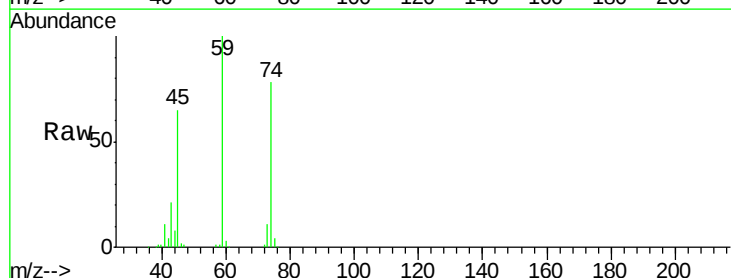
MMDadoda
10/12/2020 4:20:58 PM

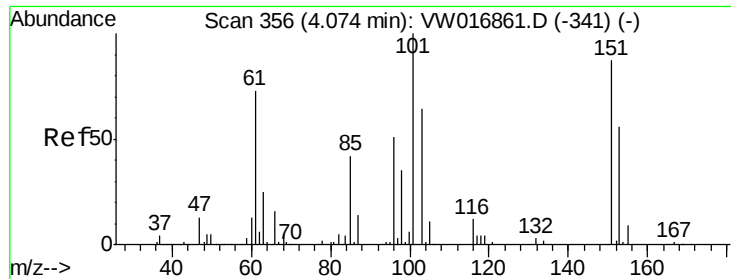


#8

Diethyl Ether
Concen: 48.767 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.6	41.1	123.4





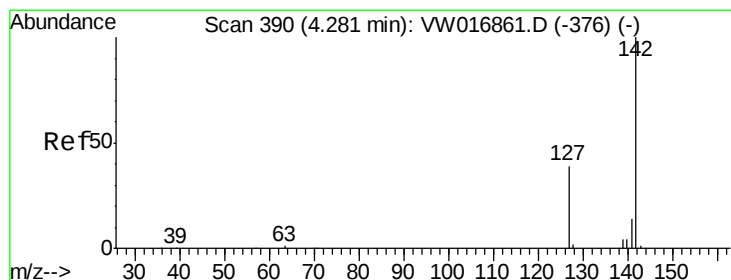
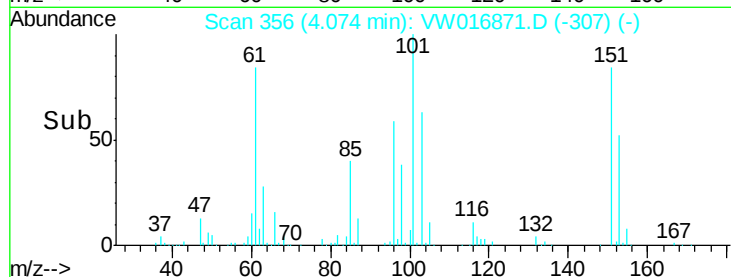
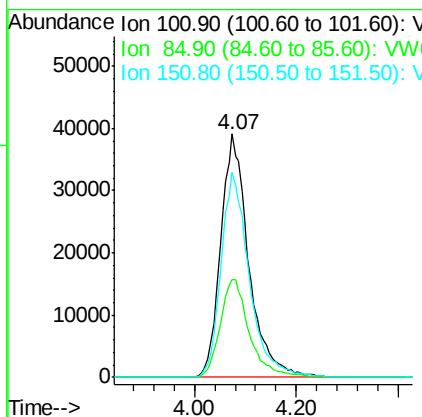
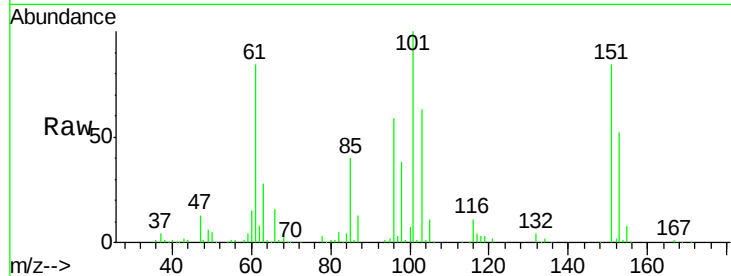
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.657 ug/l
 RT: 4.07 min Scan# 356
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

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Tot Ion	Ratio	Lower	Upper
101	100		
85	41.5	33.2	49.8
151	84.8	66.6	100.0

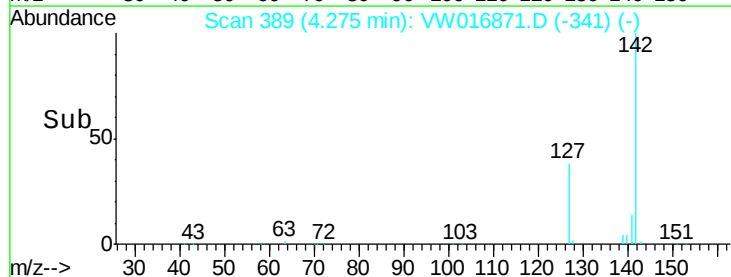
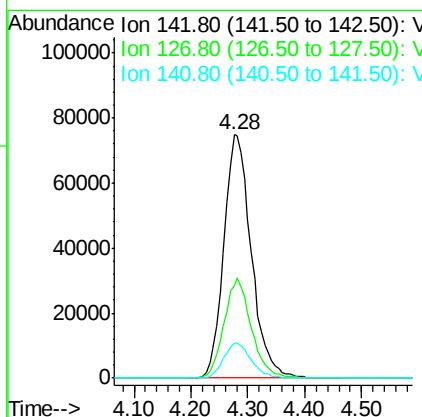
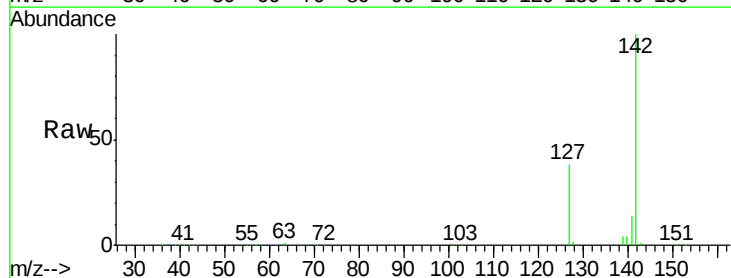
Manual Integrations
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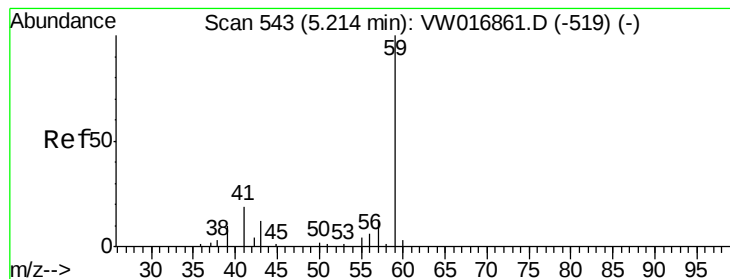
MMDadoda
 10/12/2020 4:20:58 PM



#10
 Methyl Iodide
 Concen: 49.181 ug/l
 RT: 4.28 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.5	32.4	48.6
141	14.5	11.4	17.0





#11

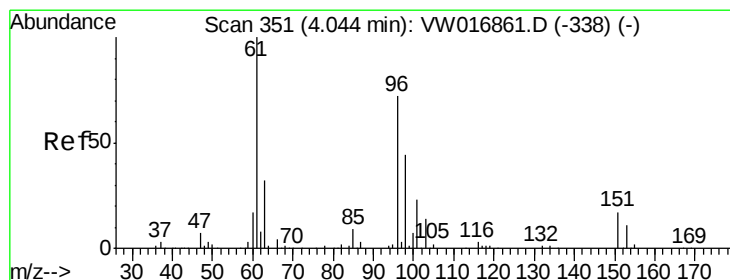
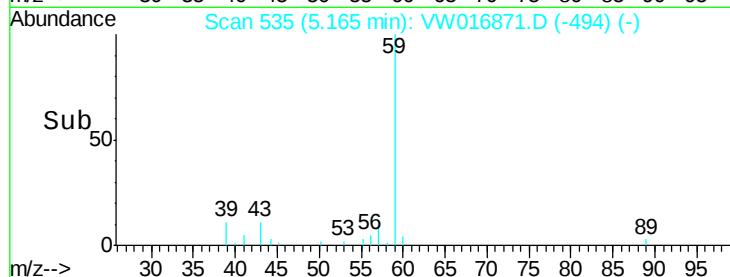
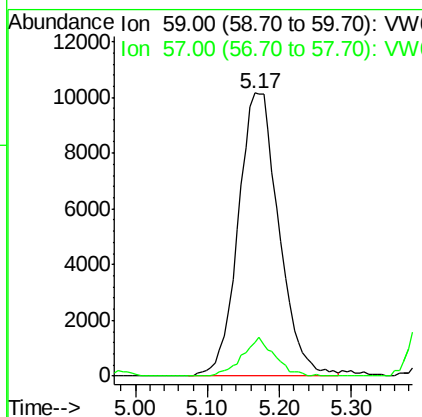
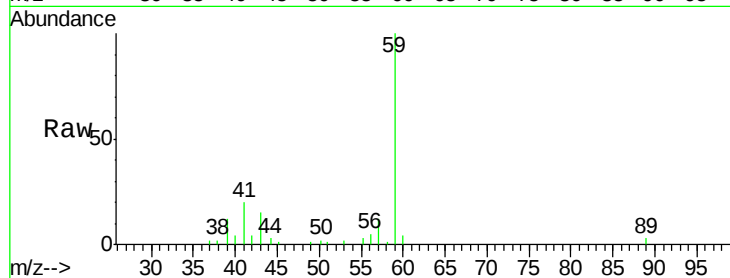
Tert butyl alcohol
 Concen: 265.505 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.05 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 39826
 Ion Ratio Lower Upper
 59 100
 57 10.8 4.7 7.1#

Manual Integrations
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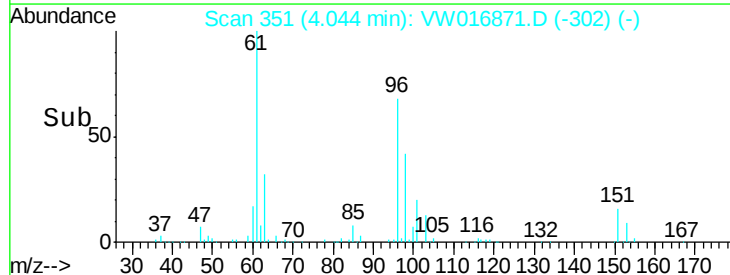
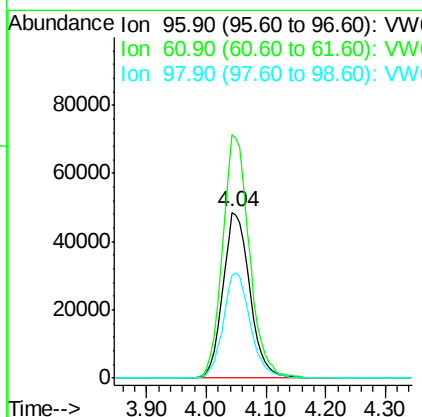
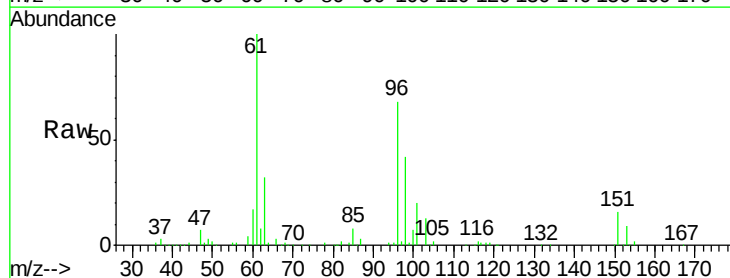
MMDadoda
 10/12/2020 4:20:58 PM

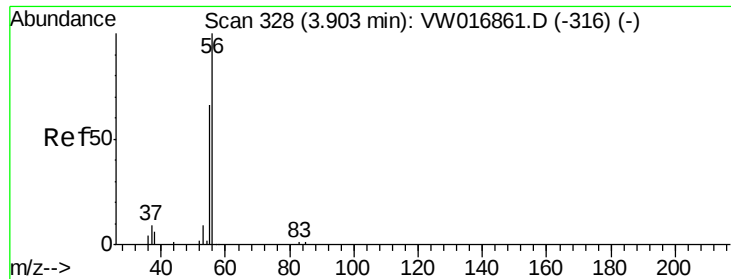


#12

1,1-Dichloroethene
 Concen: 48.237 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion: 96 Resp: 152321
 Ion Ratio Lower Upper
 96 100
 61 146.7 111.7 167.5
 98 61.8 49.0 73.4





#13

Acrolein

Concen: 271.226 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 55002

Ion Ratio Lower Upper

56 100

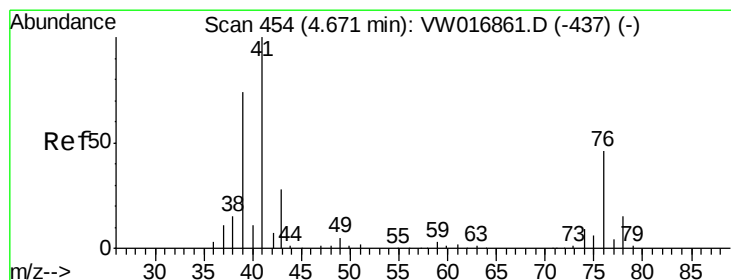
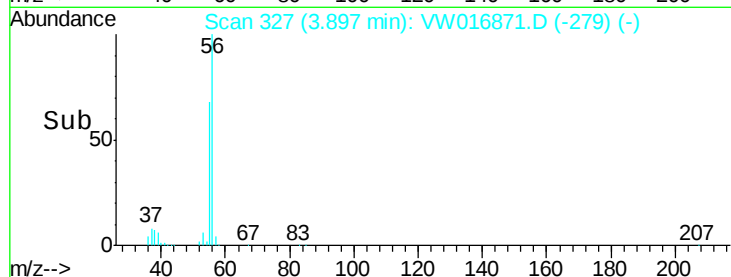
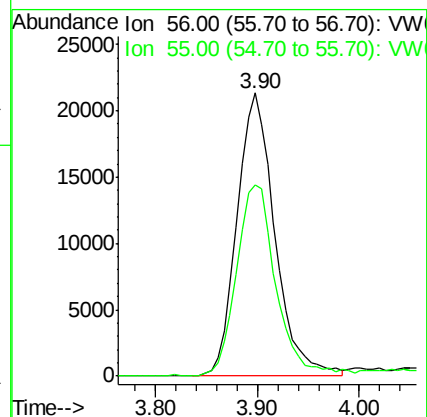
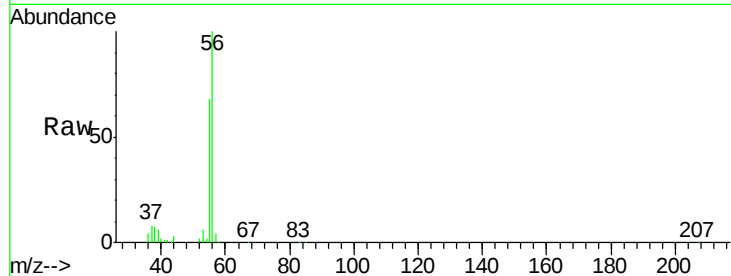
55 70.8 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 49.212 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

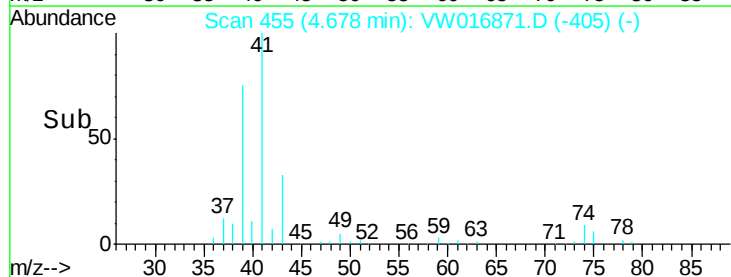
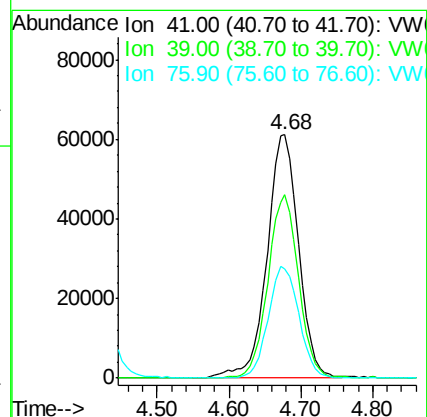
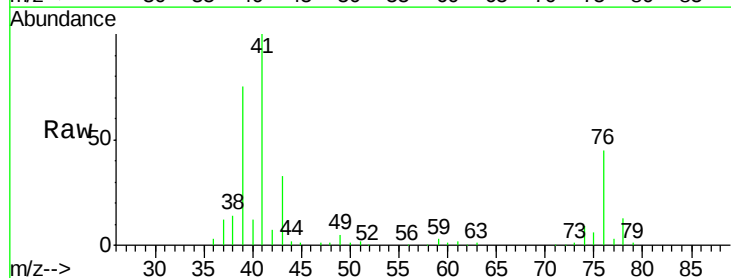
Tgt Ion: 41 Resp: 186019

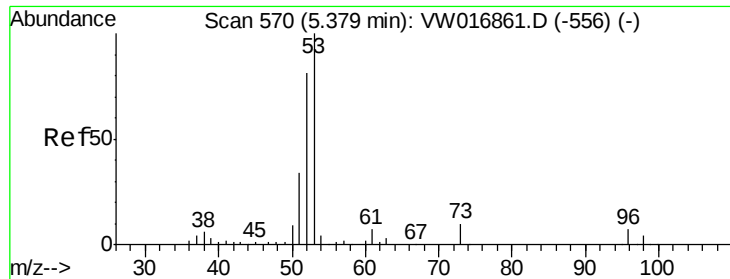
Ion Ratio Lower Upper

41 100

39 73.2 57.8 86.8

76 44.6 35.1 52.7





#15

Acrylonitrile

Concen: 261.905 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

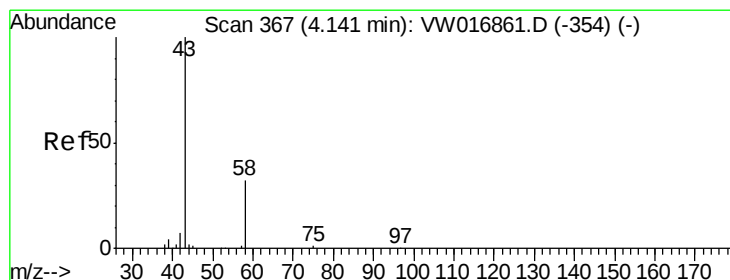
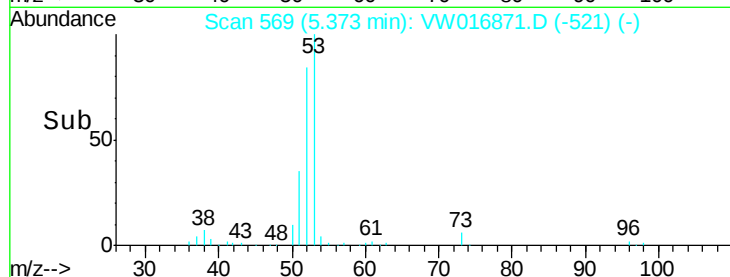
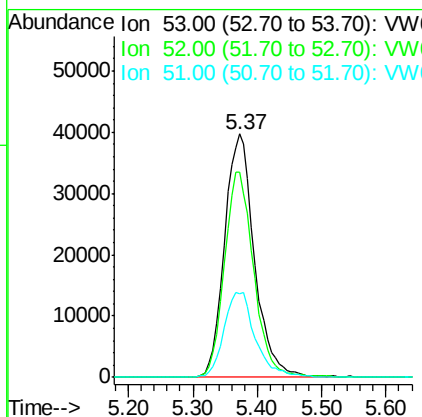
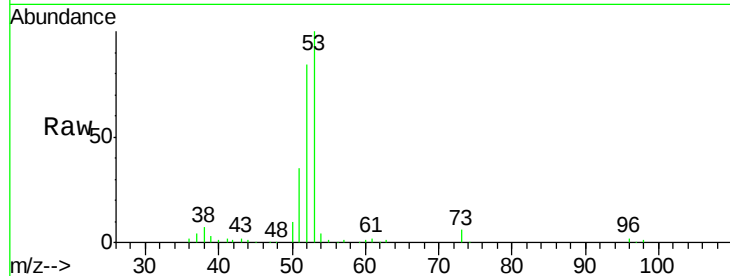
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	129371
Ion Ratio	Lower	Upper	
53	100		
52	83.0	65.0	97.4
51	36.5	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 241.036 ug/l

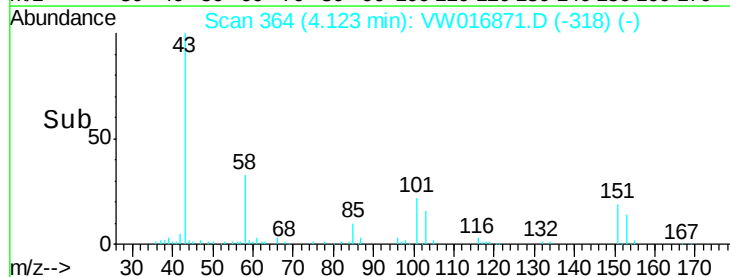
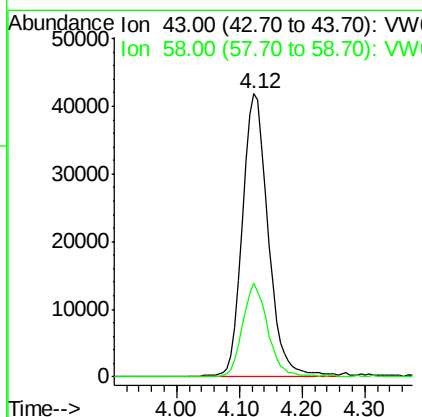
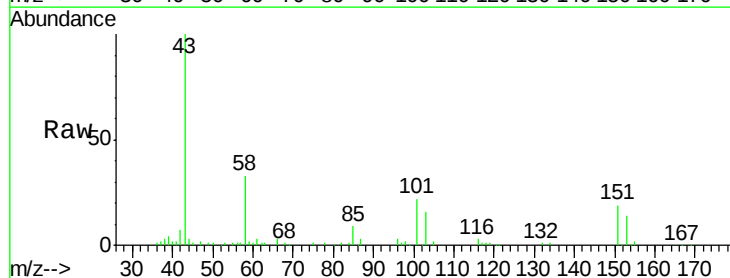
RT: 4.12 min Scan# 364

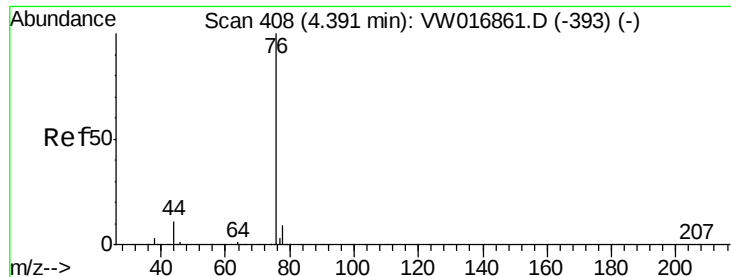
Delta R.T. -0.02 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Tgt Ion:	43	Resp:	119822
Ion Ratio	Lower	Upper	
43	100		
58	33.0	25.7	38.5





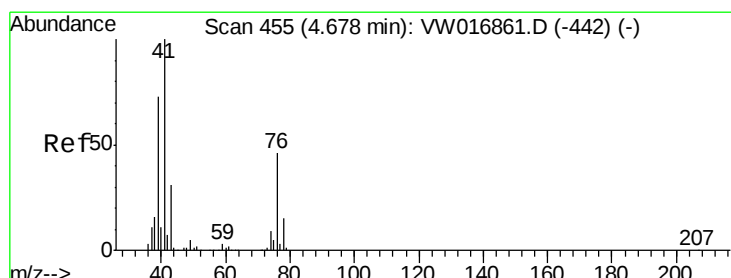
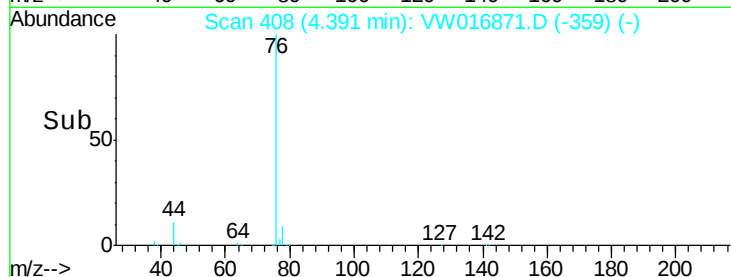
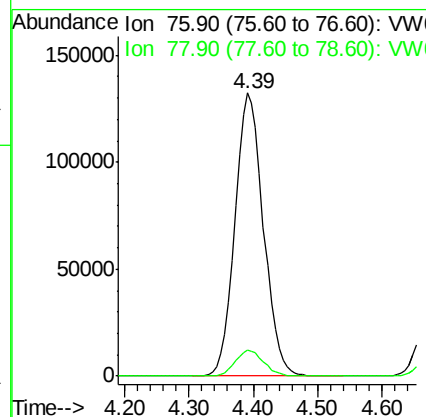
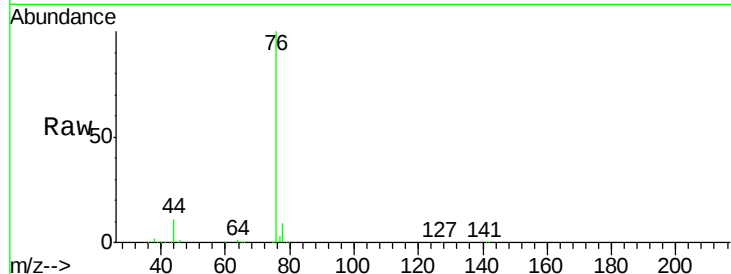
#17
Carbon Disulfide
Concen: 48.393 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.2

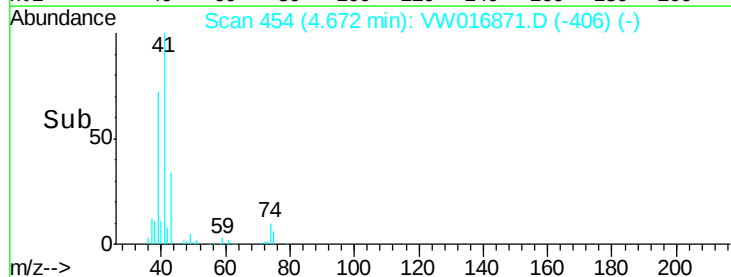
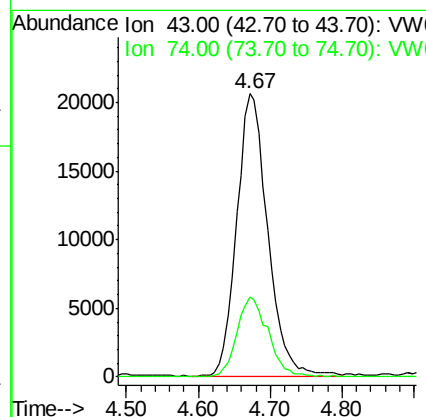
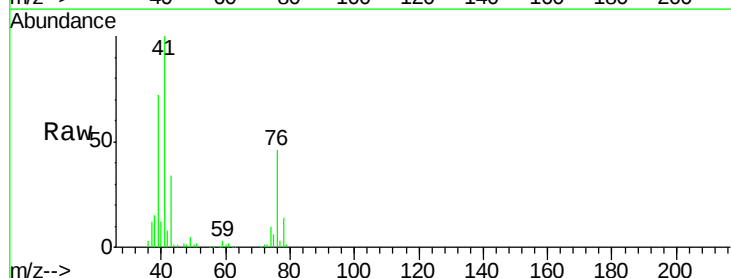
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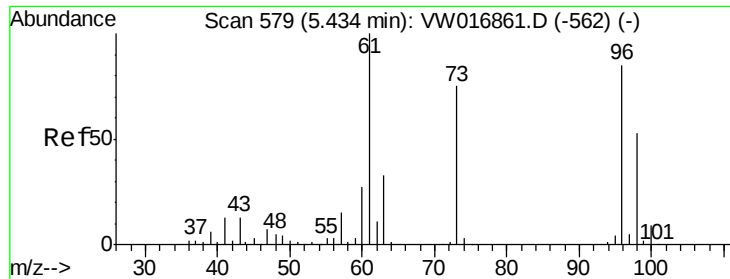
MMDadoda
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#18
Methyl Acetate
Concen: 54.530 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.3	23.8	35.6





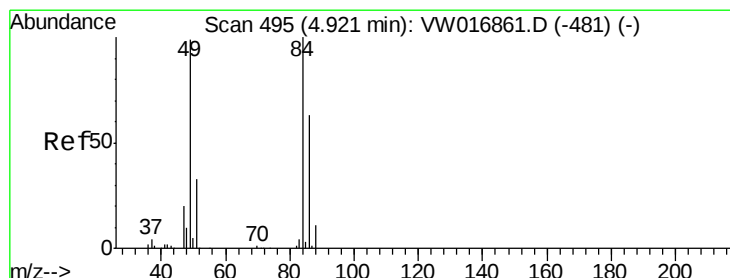
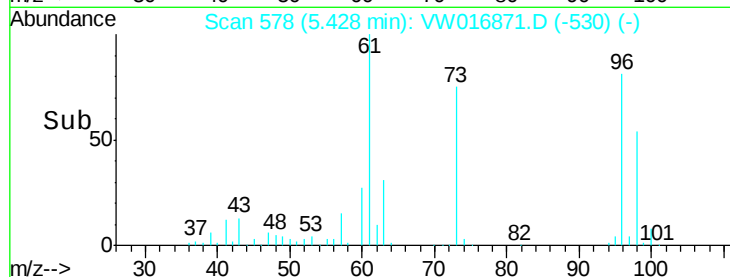
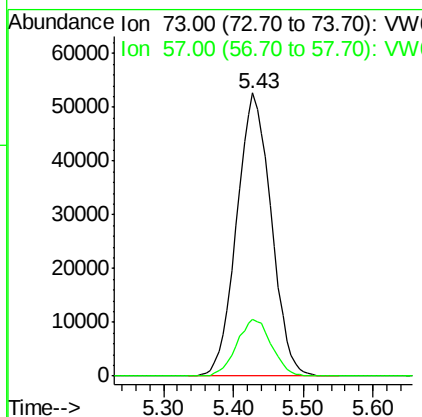
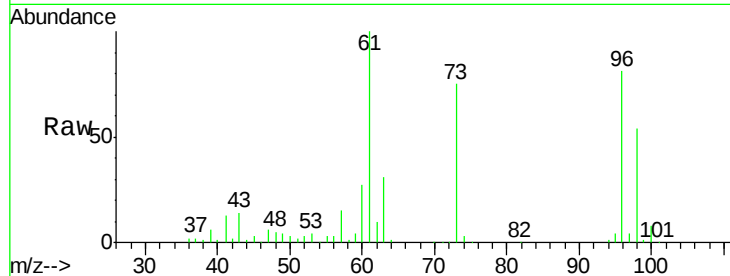
#19
Methvl tert-butvl Ether
Concen: 52.924 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	16.1	24.1

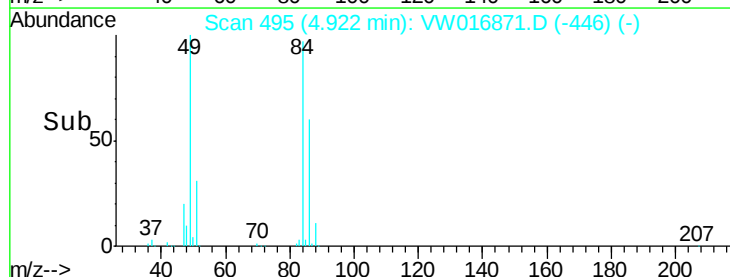
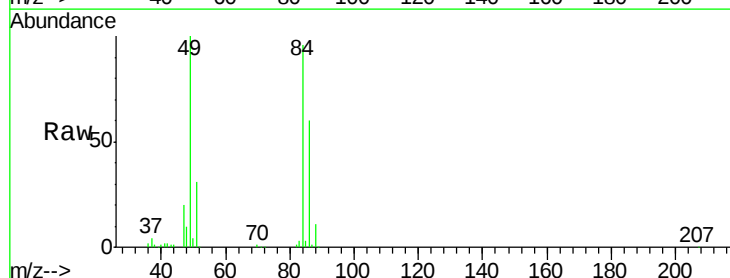
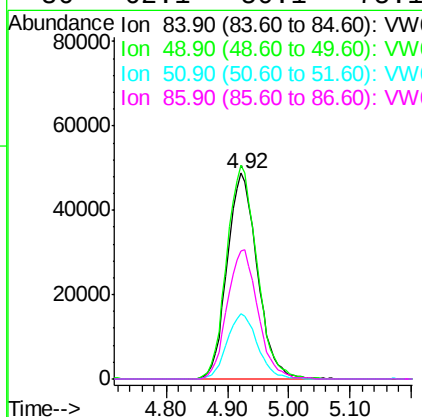
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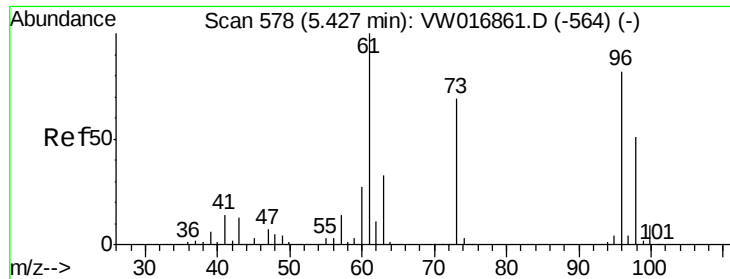
MMDadoda
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#20
Methylene Chloride
Concen: 42.045 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.7	79.0	118.6
51	32.0	26.1	39.1
86	62.1	50.1	75.1





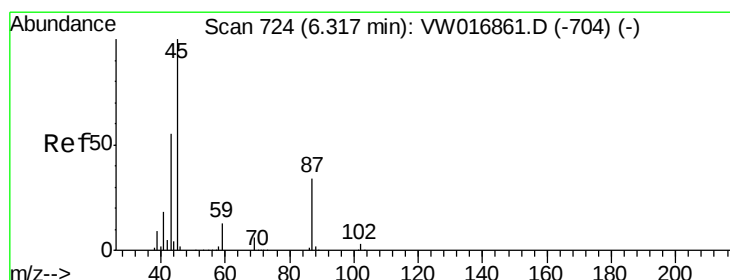
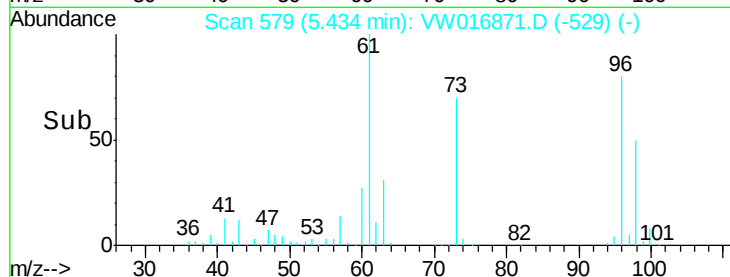
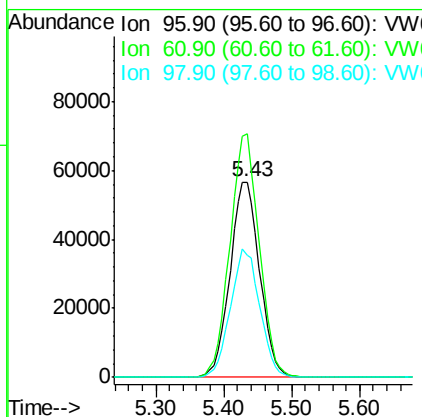
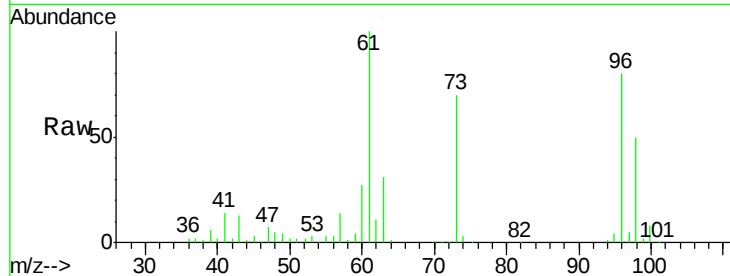
#21
trans-1,2-Dichloroethene
Concen: 48.260 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.6	97.4	146.0
98	62.7	49.4	74.0

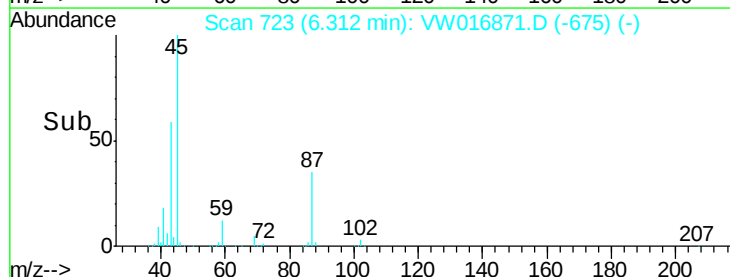
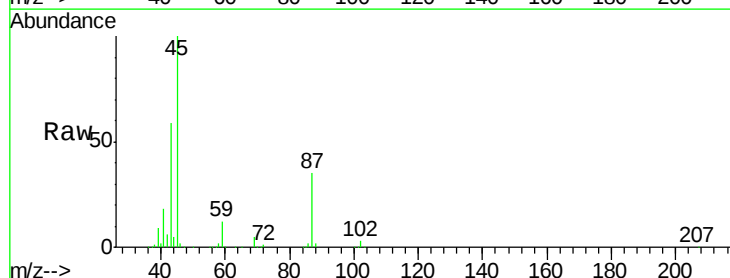
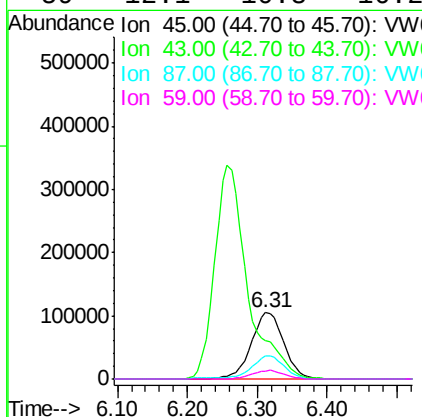
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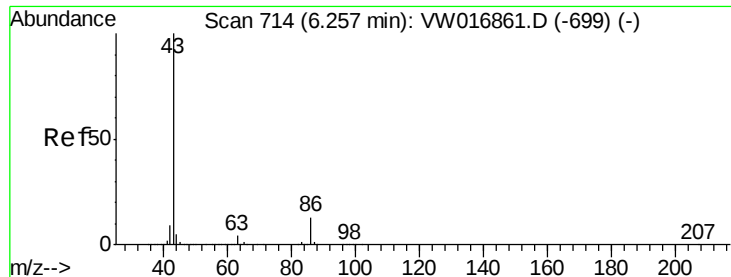
MMDadoda
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#22
Diisopropyl ether
Concen: 49.463 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.1	43.8	65.8
87	34.9	27.6	41.4
59	12.1	10.8	16.2





#23

Vinyl Acetate

Concen: 251.810 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1108471

Ion Ratio Lower Upper

43 100

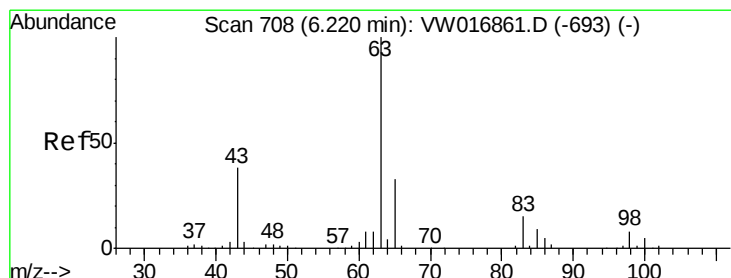
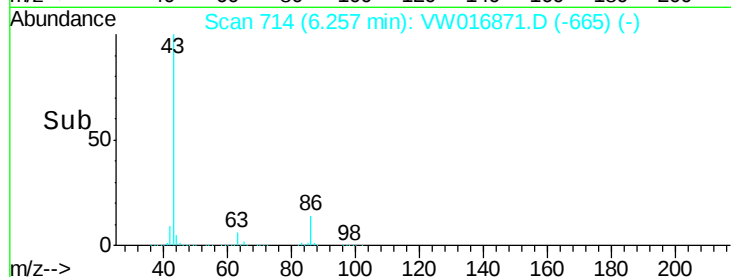
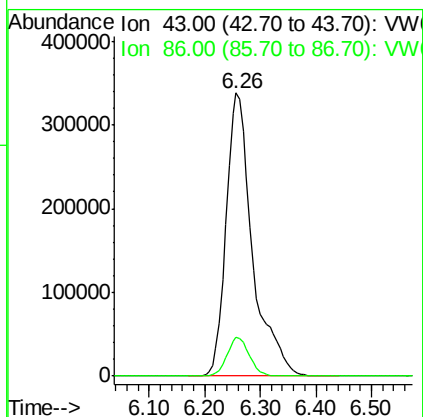
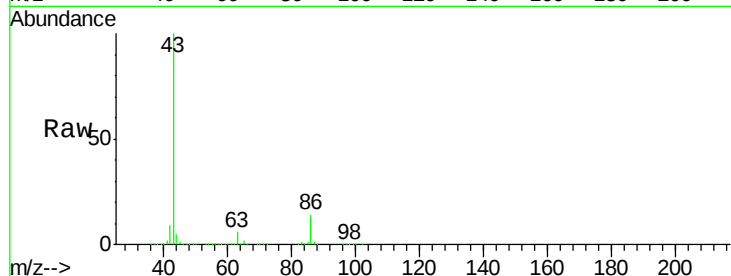
86 13.8 10.2 15.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.657 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

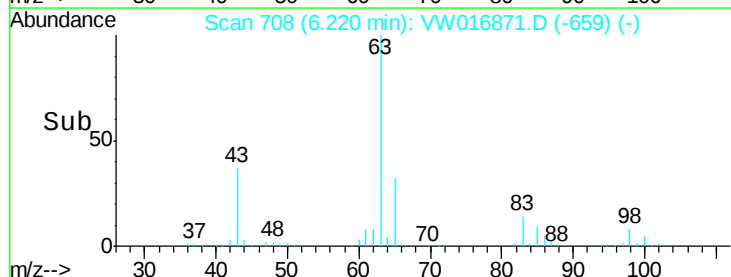
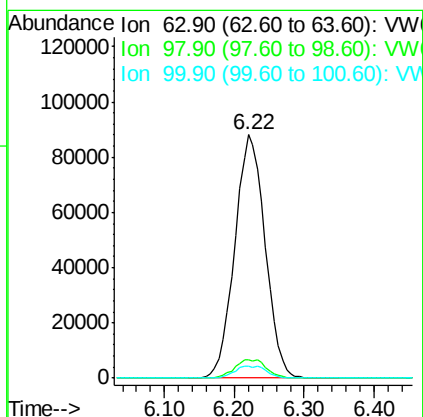
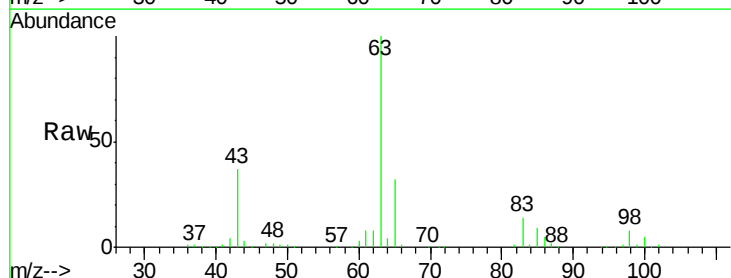
Tgt Ion: 63 Resp: 265056

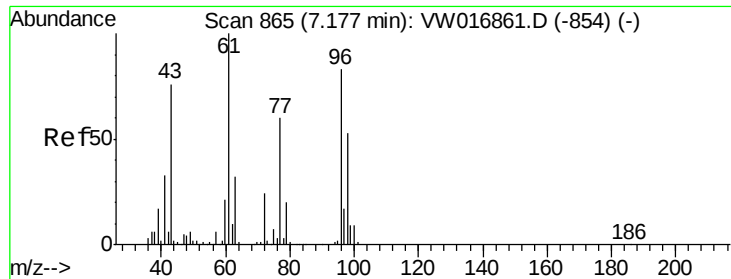
Ion Ratio Lower Upper

63 100

98 7.5 4.2 12.6

100 5.1 2.6 7.8





#25

2-Butanone

Concen: 261.122 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 173053

Ion Ratio Lower Upper

43 100

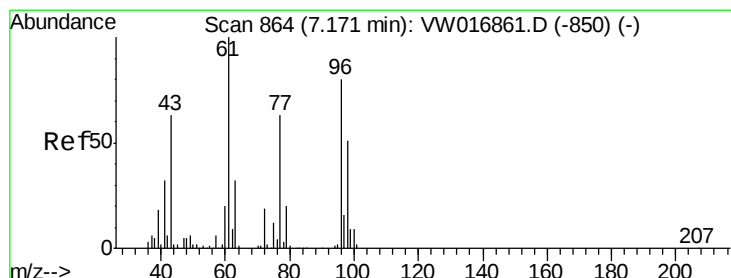
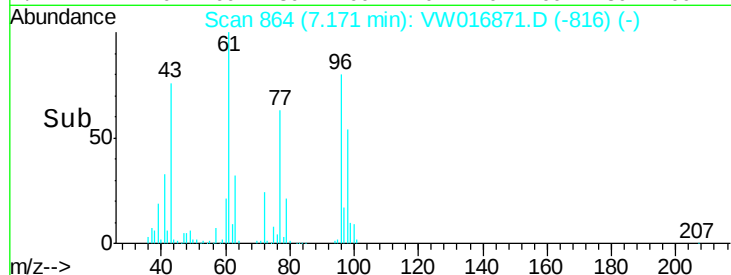
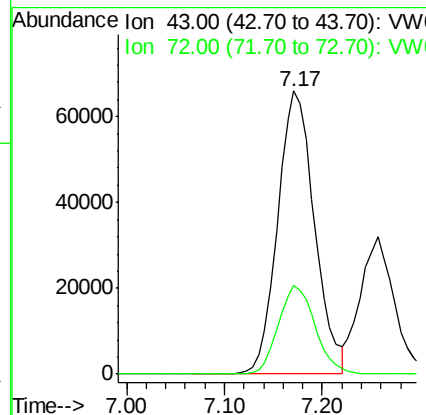
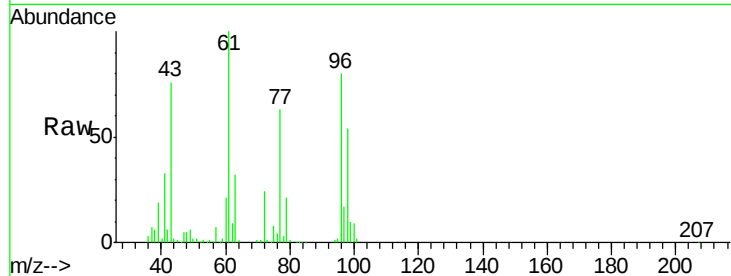
72 31.5 25.4 38.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.727 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016871.D

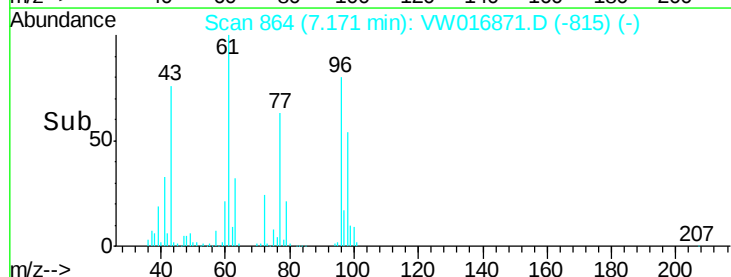
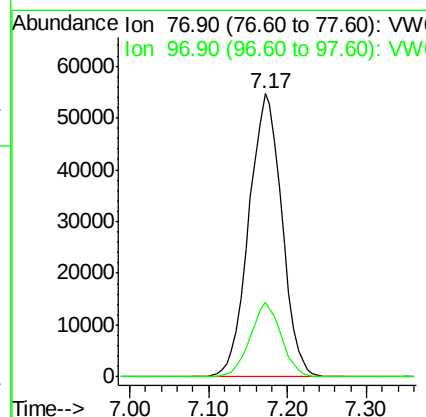
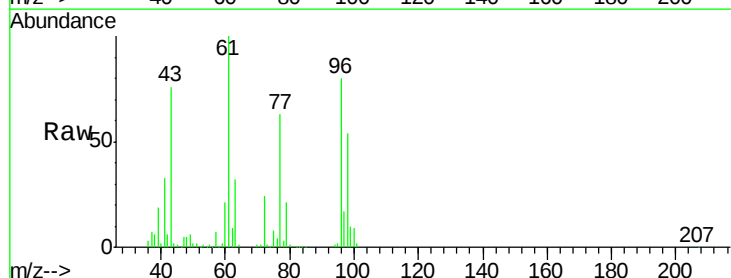
Acq: 09 Oct 2020 20:05

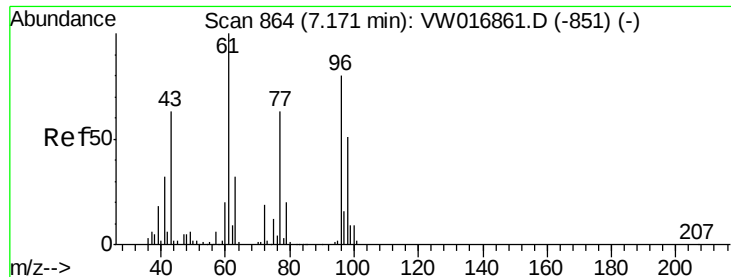
Tgt Ion: 77 Resp: 159068

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4





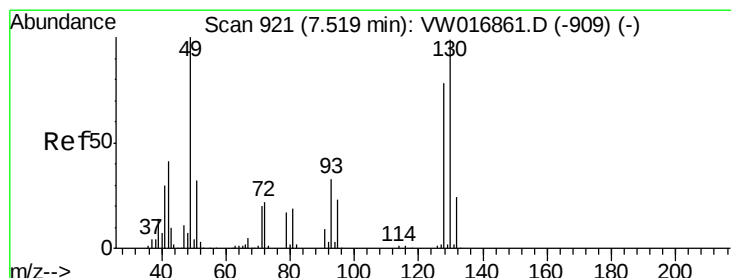
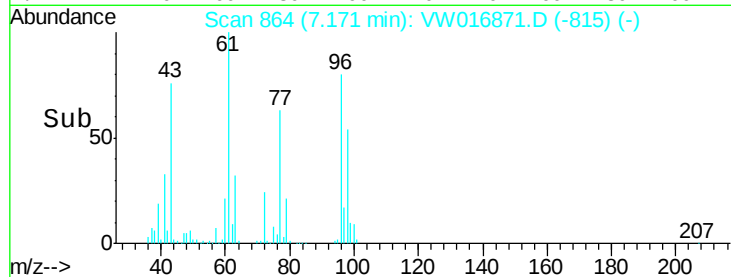
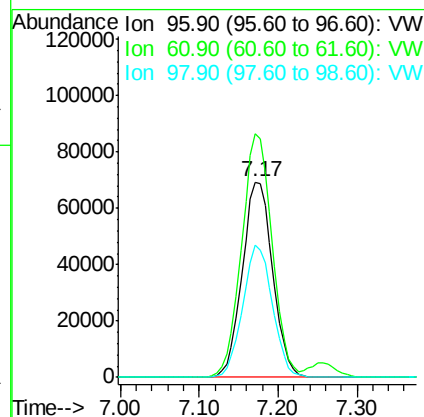
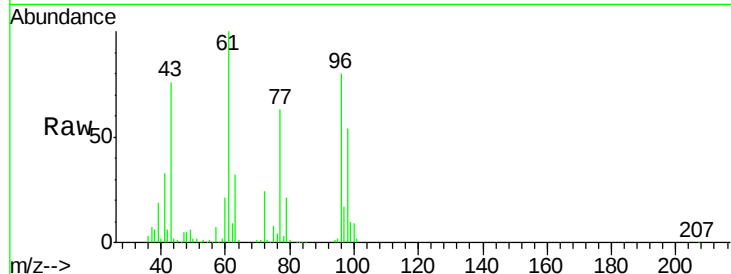
#27
 cis-1,2-Dichloroethene
 Concen: 48.926 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	249.6
98	66.0	0.0	129.4

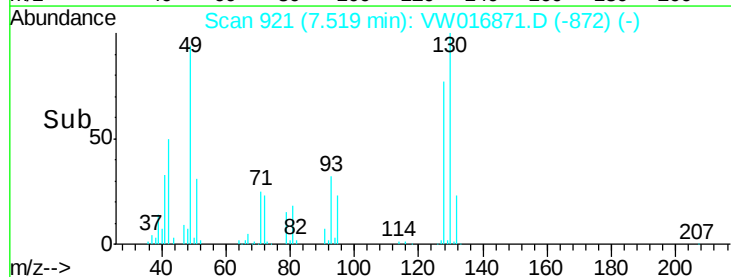
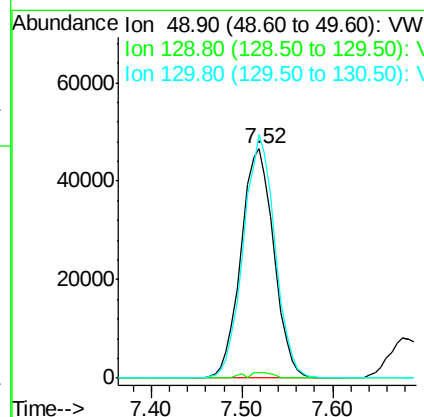
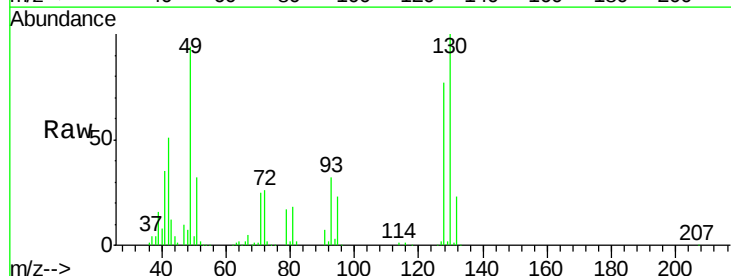
Manual Integrations
 APPROVED

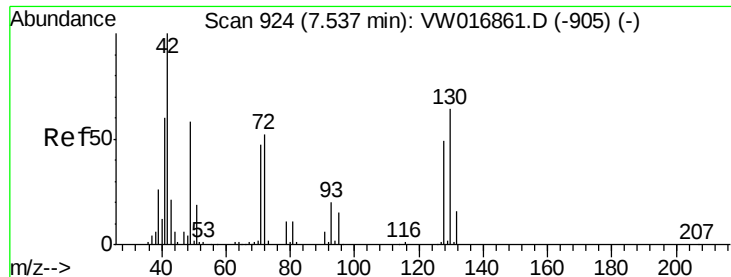
MMDadoda
 10/12/2020 4:20:58 PM



#28
 Bromochloromethane
 Concen: 53.792 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.8
130	101.8	81.3	121.9





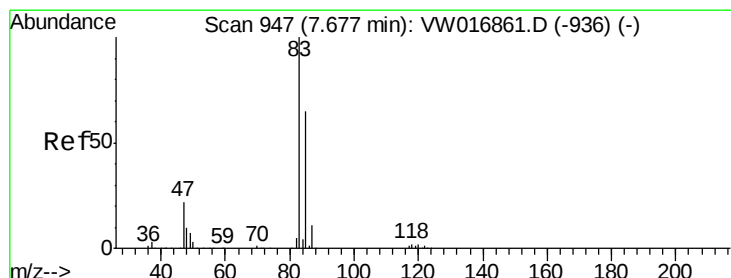
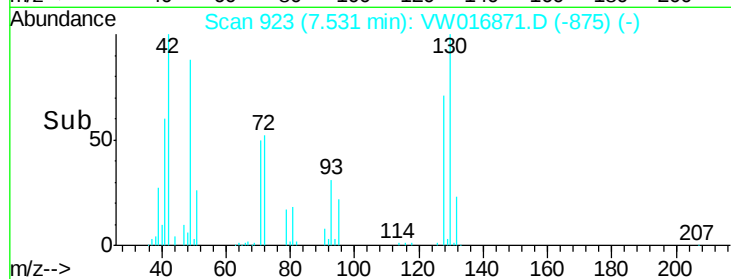
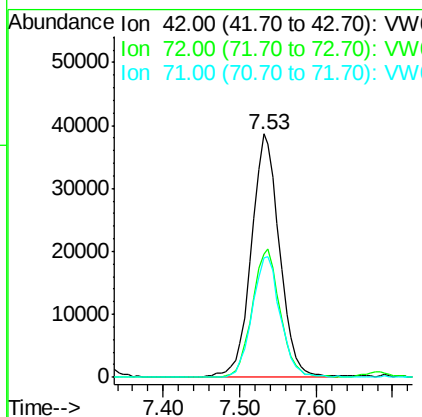
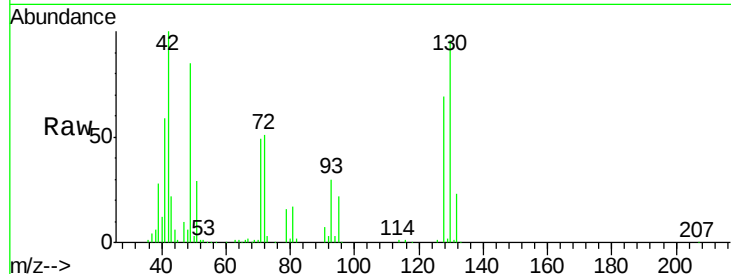
#29
Tetrahydrofuran
Concen: 268.787 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.0	42.0	63.0
71	49.3	39.0	58.6

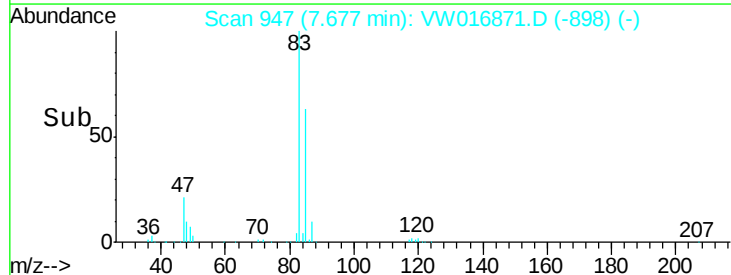
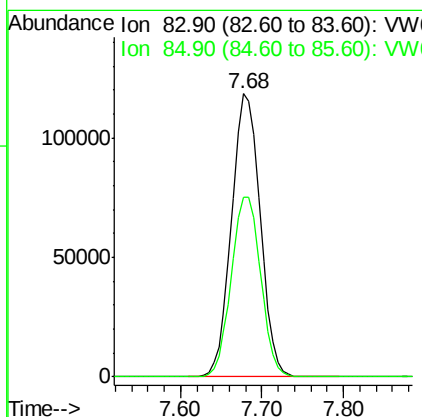
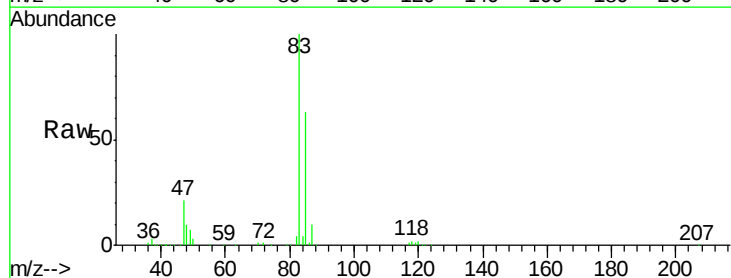
Manual Integrations
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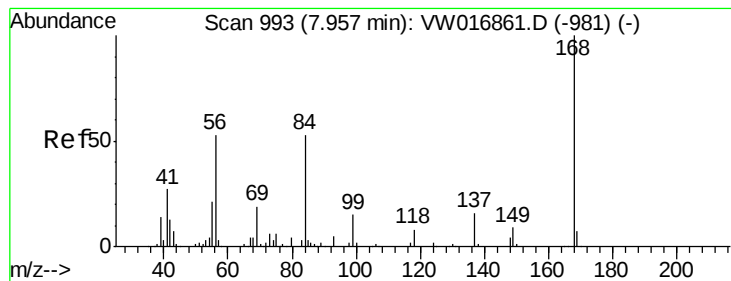
MMDadoda
10/12/2020 4:20:58 PM



#30
Chloroform
Concen: 48.560 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.7	77.5





#31

Cyclohexane

Concen: 45.321 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

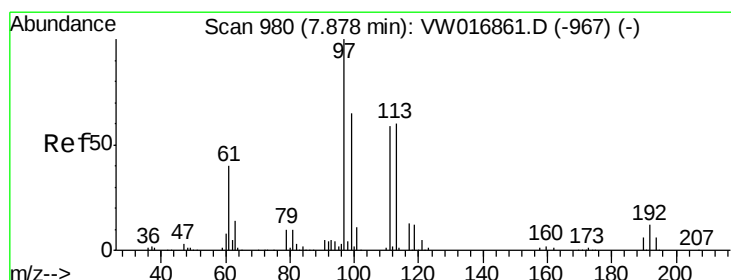
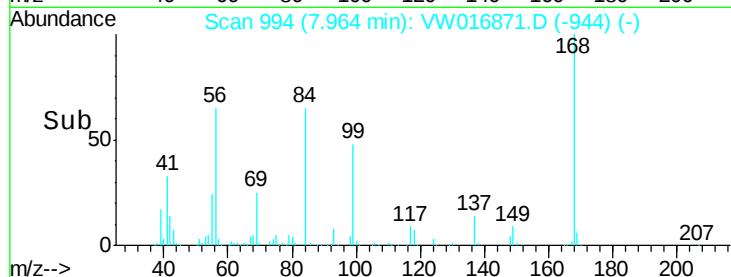
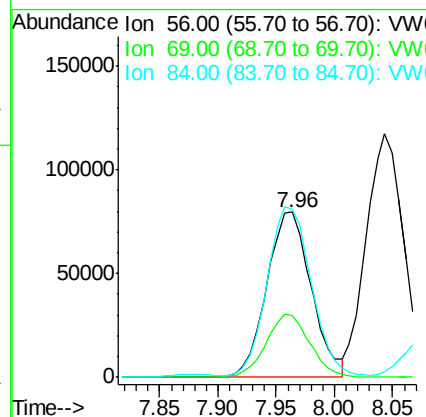
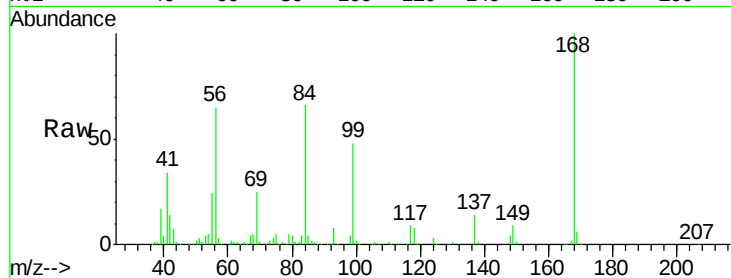
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	210582
Ion Ratio	Lower	Upper	
56	100		
69	37.7	29.3	43.9
84	99.9	80.5	120.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.463 ug/l

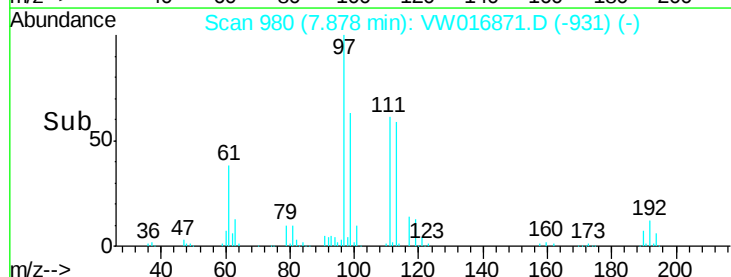
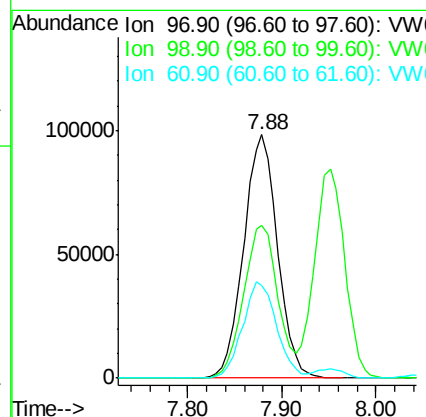
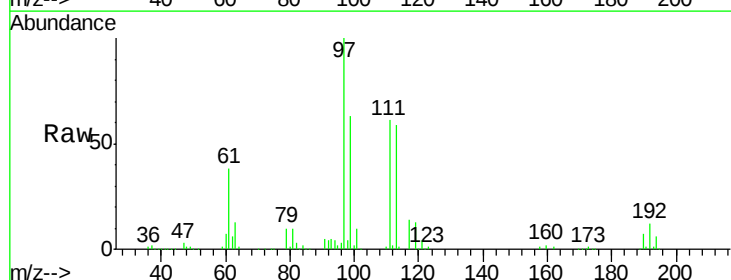
RT: 7.88 min Scan# 980

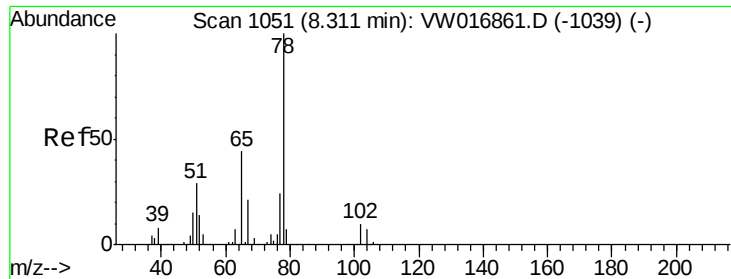
Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Tgt Ion:	97	Resp:	247076
Ion Ratio	Lower	Upper	
97	100		
99	63.9	52.4	78.6
61	39.8	31.9	47.9





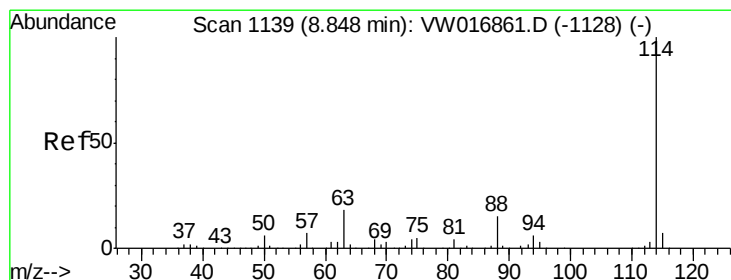
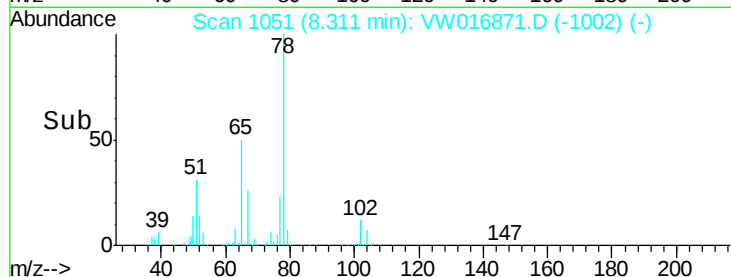
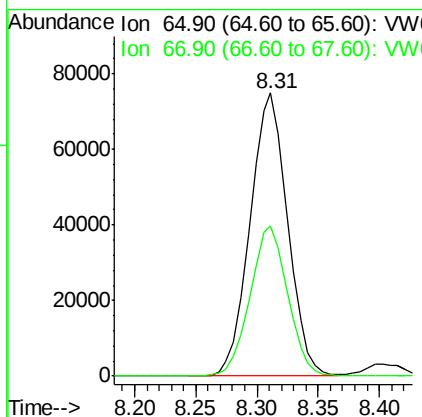
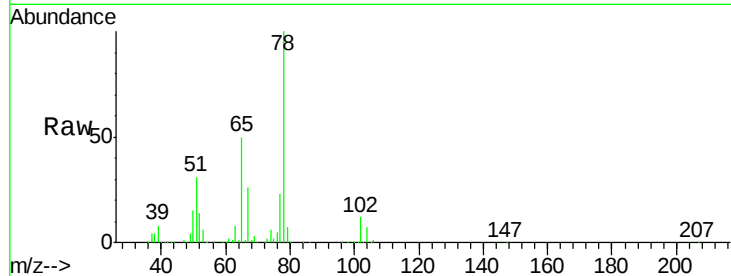
#33
 1,2-Dichloroethane-d4
 Concen: 52.196 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	160208		
67	53.2	0.0	103.8	

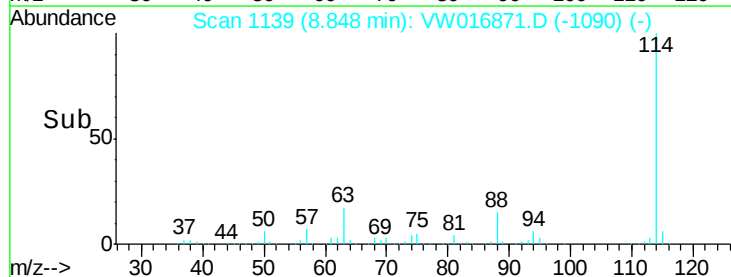
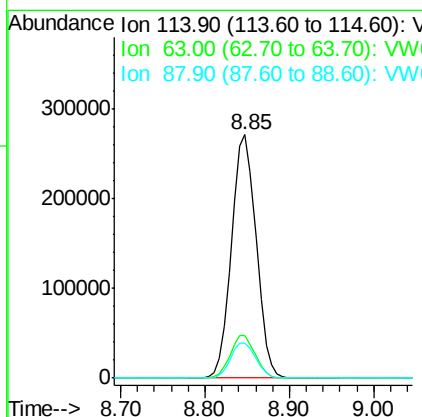
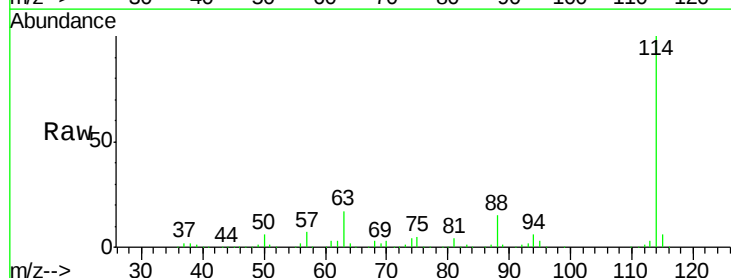
Manual Integrations
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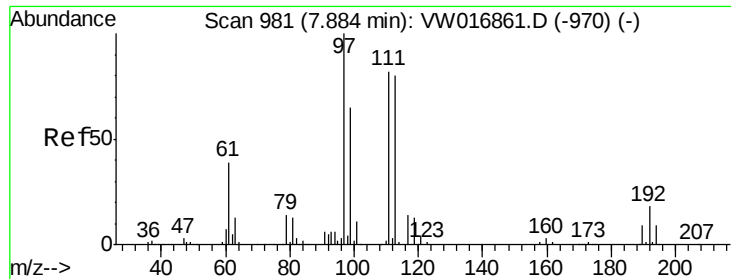
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	537181		
63	17.3	0.0	35.6	
88	14.5	0.0	30.4	





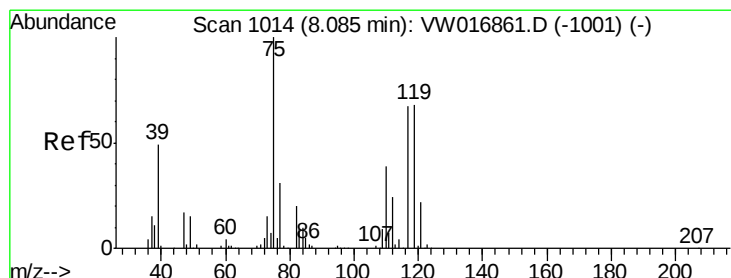
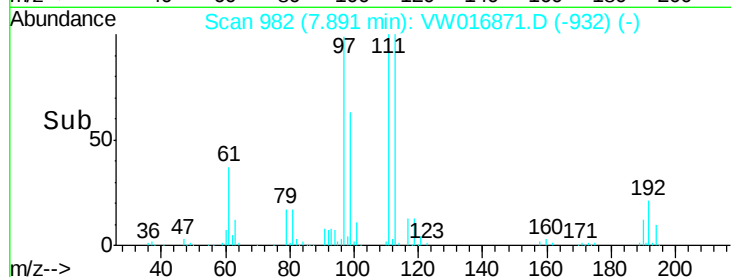
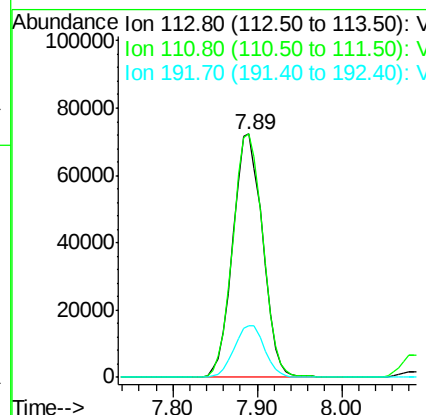
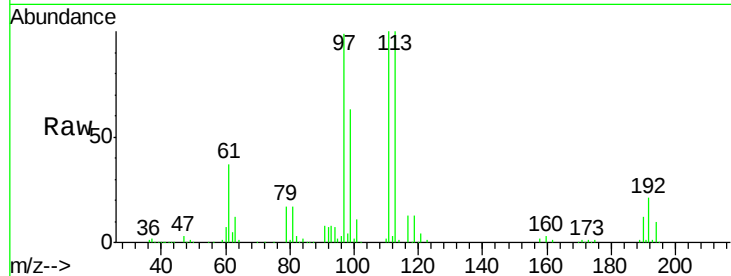
#35
Dibromofluoromethane
Concen: 52.653 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	173361		
111	101.2	81.4	122.2	
192	21.7	17.8	26.8	

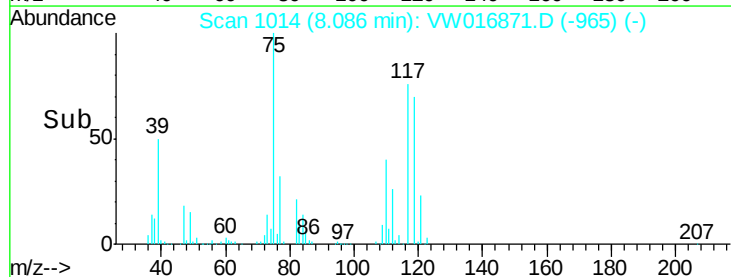
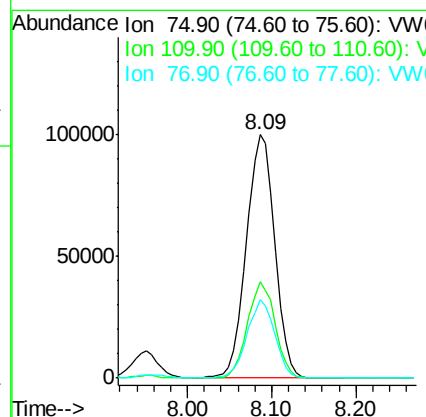
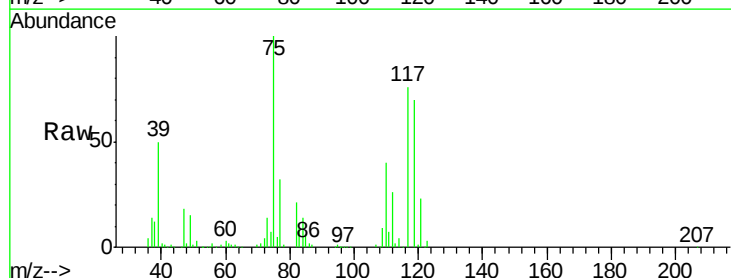
Manual Integrations
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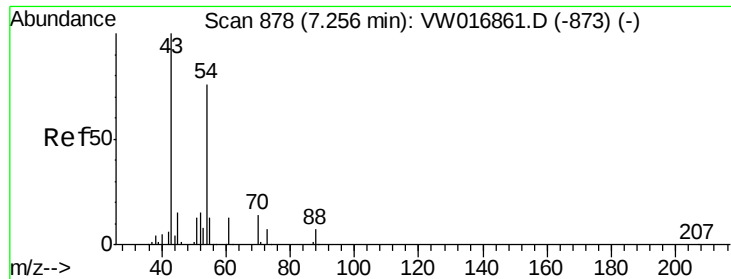
MMDadoda
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#36
1,1-Dichloropropene
Concen: 49.044 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	227733		
110	38.4	19.3	57.9	
77	31.4	25.0	37.6	





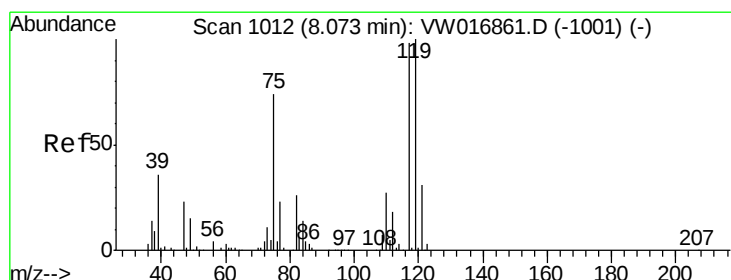
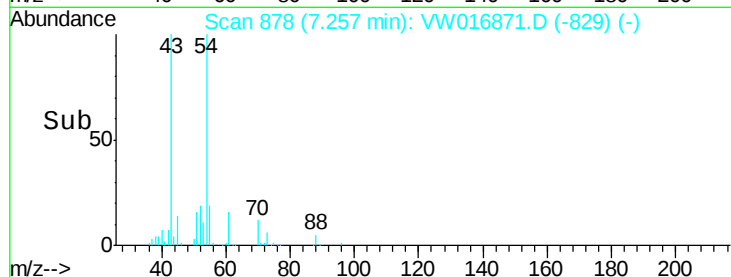
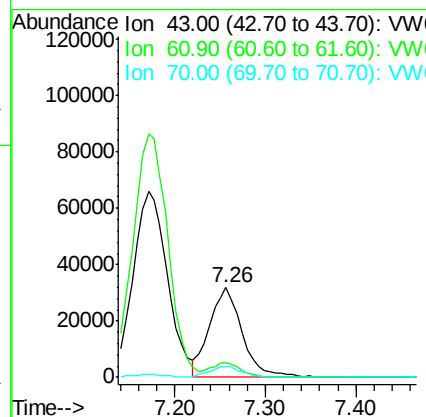
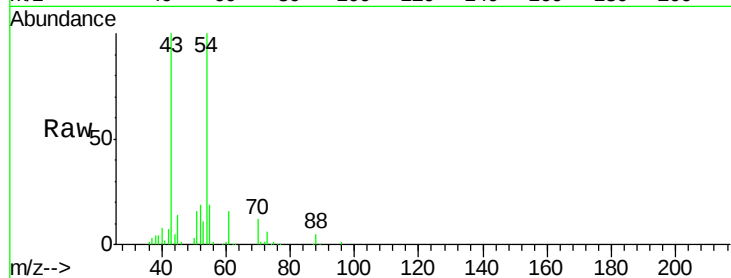
#37
Ethyl Acetate
Concen: 52.016 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	12.0	18.0
70	12.4	9.9	14.9

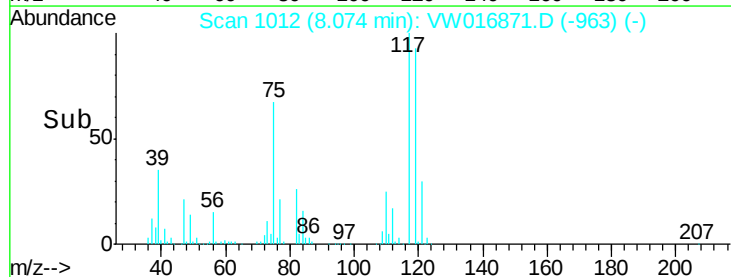
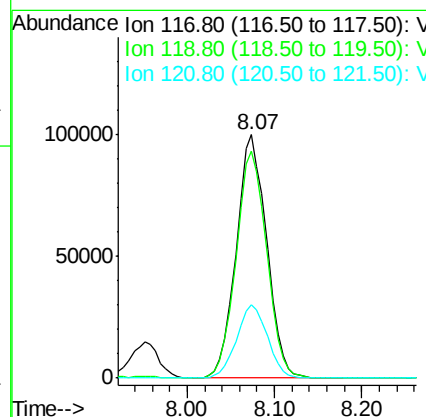
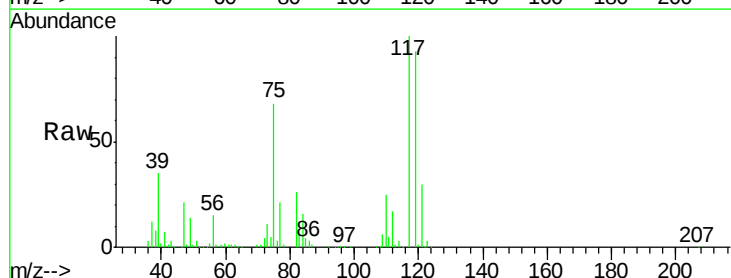
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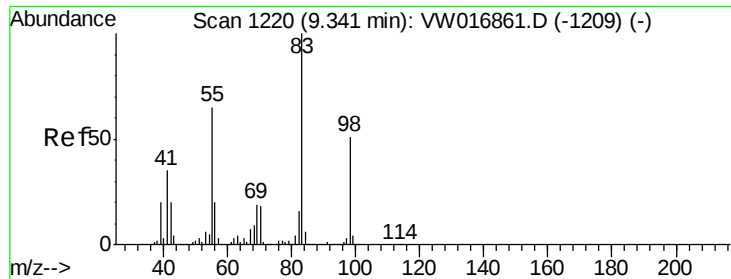
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#38
Carbon Tetrachloride
Concen: 49.867 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	81.6	122.4
121	30.2	25.7	38.5





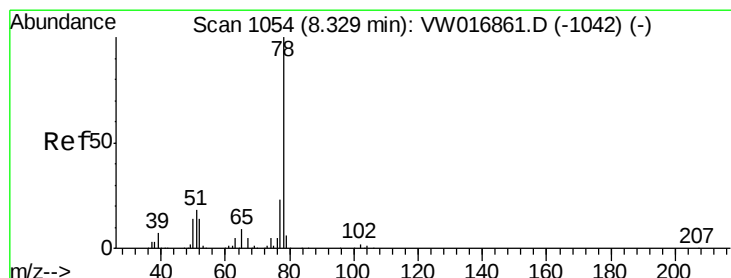
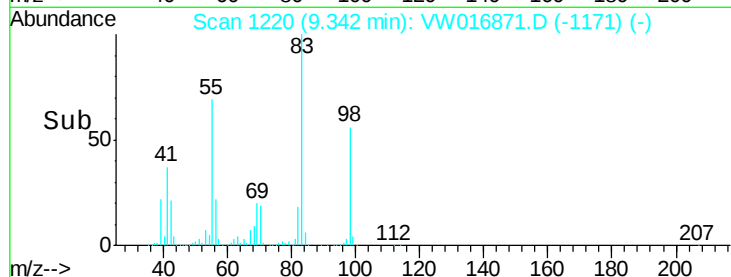
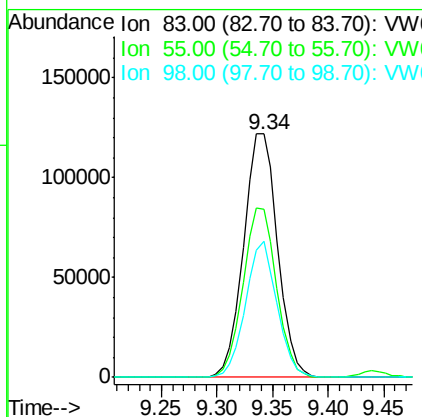
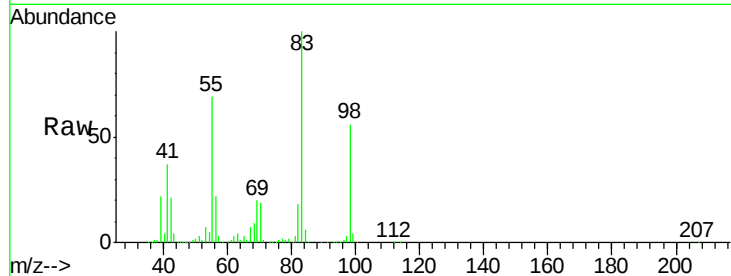
#39
Methvlcvclohexane
Concen: 48.937 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.0	51.7	77.5
98	56.0	41.0	61.4

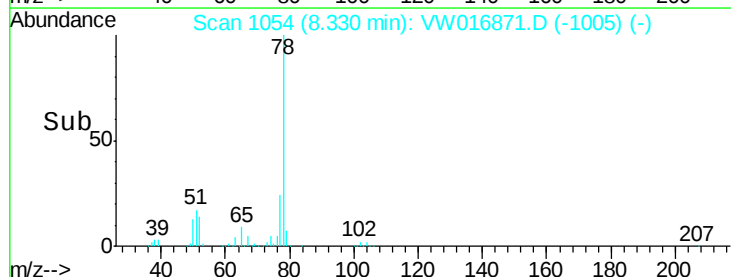
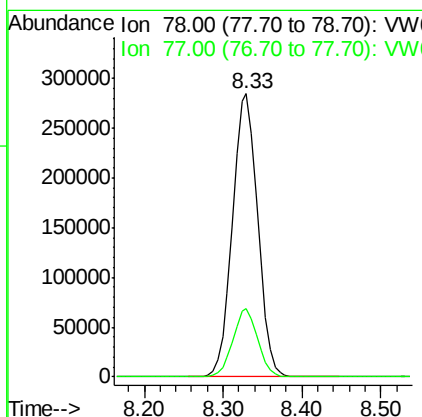
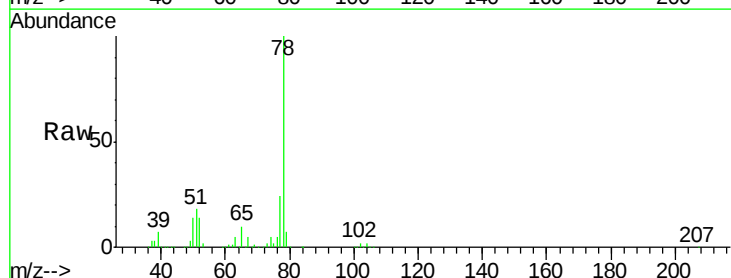
Manual Integrations
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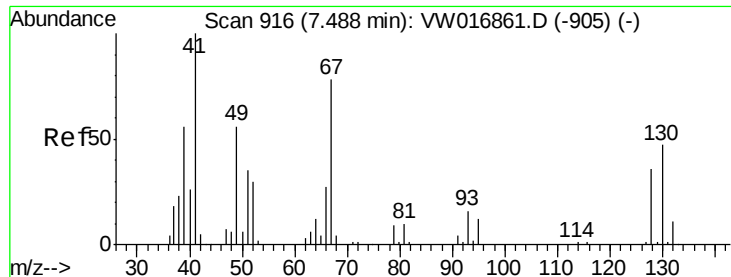
MMDadoda
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#40
Benzene
Concen: 48.880 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.5	27.7





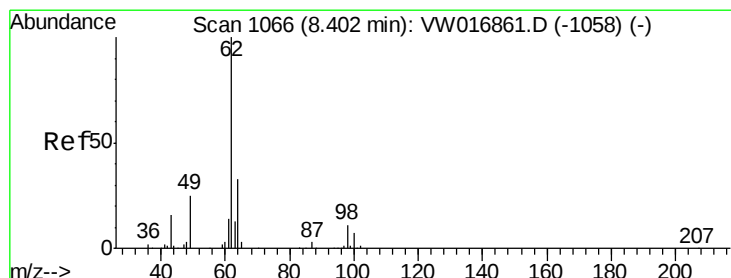
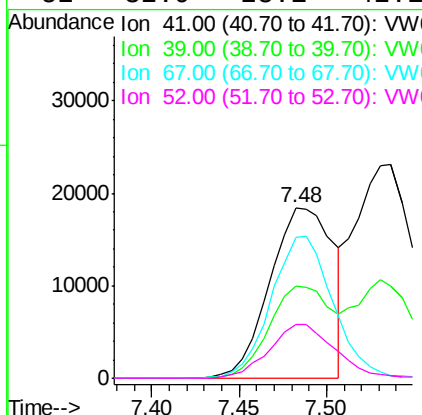
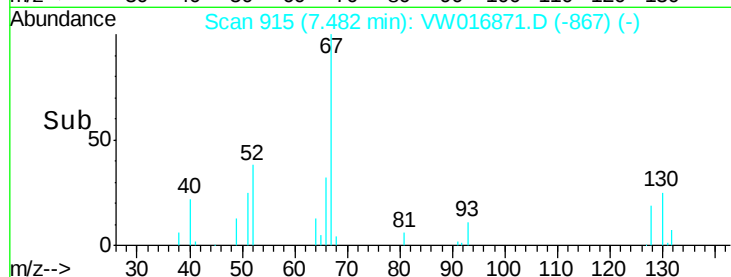
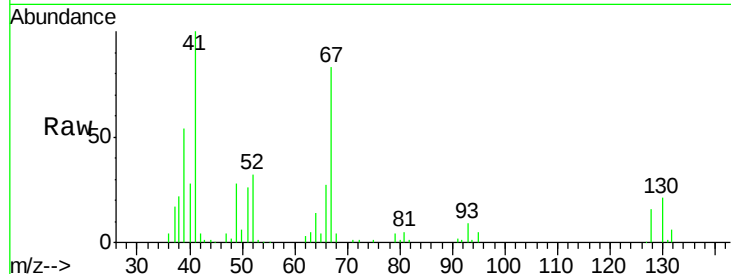
#41
Methacrylonitrile
Concen: 51.961 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	46717
Ion	Ratio	Lower	Upper
41	100		
39	53.3	47.0	70.6
67	81.9	68.6	102.8
52	32.9	28.1	42.1

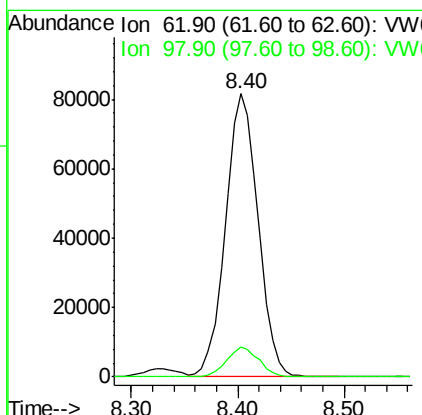
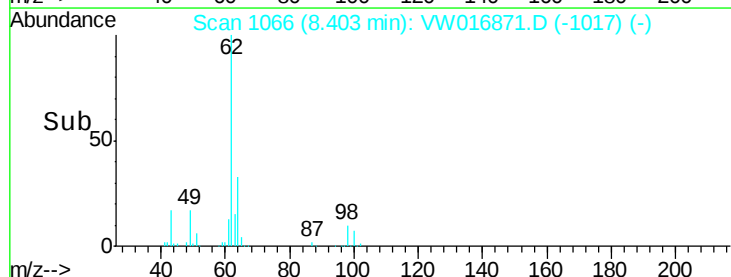
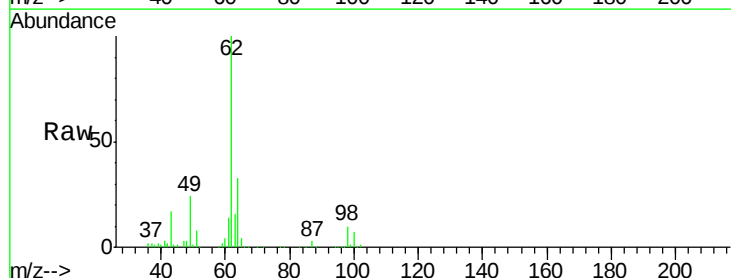
Manual Integrations
APPROVED

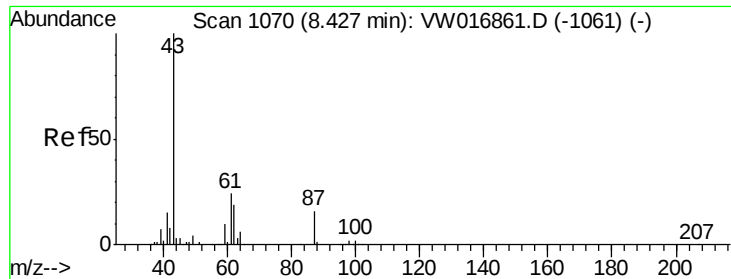
MMDadoda
10/12/2020 4:20:58 PM



#42
1,2-Dichloroethane
Concen: 49.277 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	62	Resp	174409
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





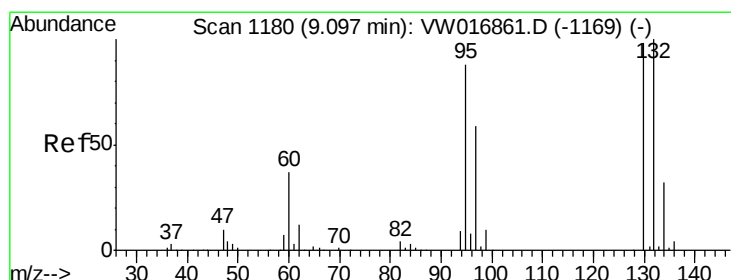
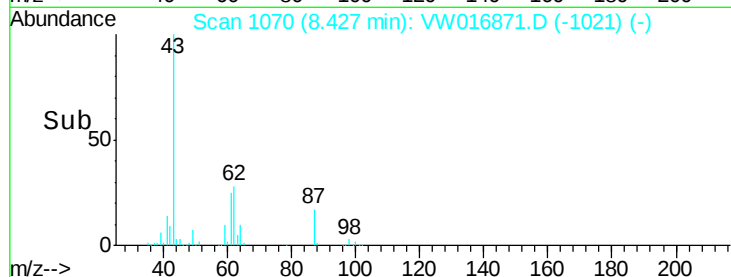
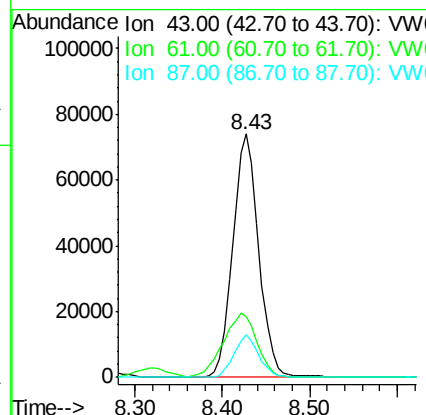
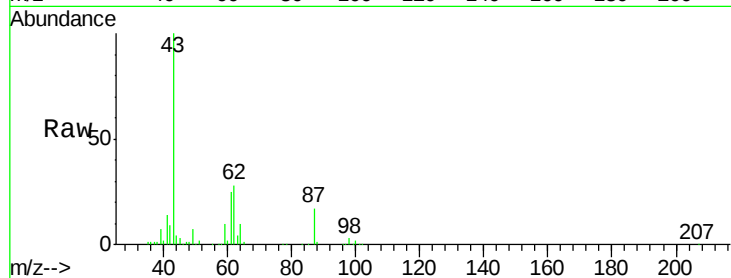
#43
Isopropyl Acetate
Concen: 52.240 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	34.3	27.5	41.3
87	16.8	13.6	20.4

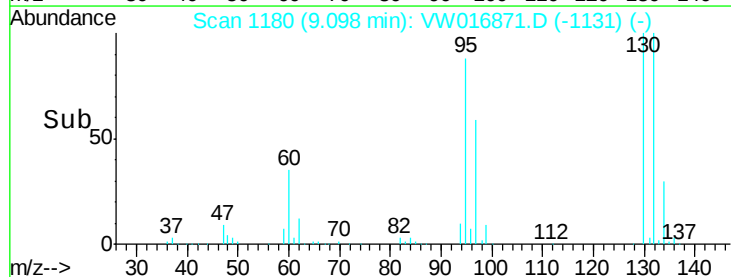
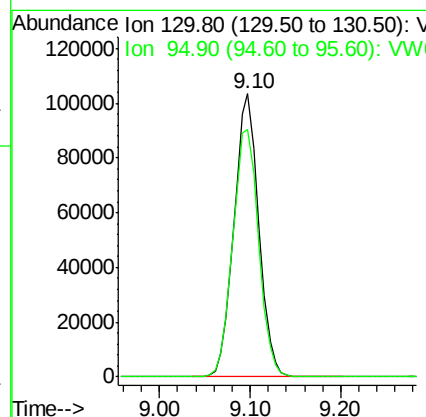
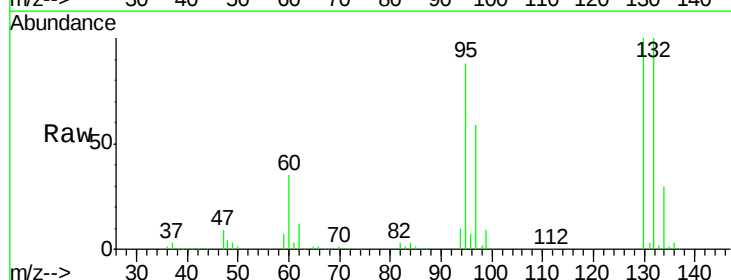
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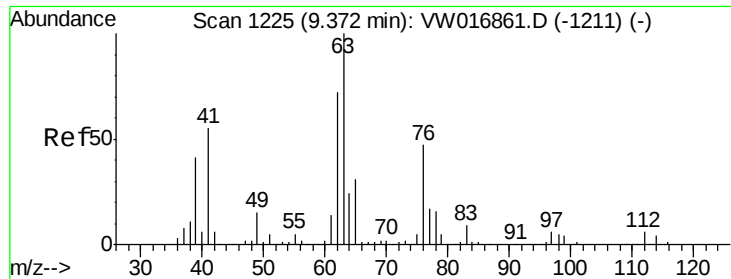
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#44
Trichloroethene
Concen: 48.788 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	180.2





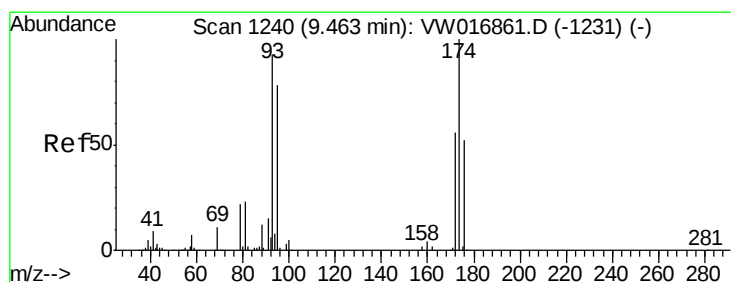
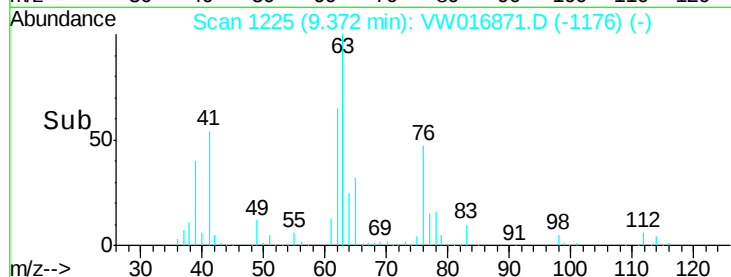
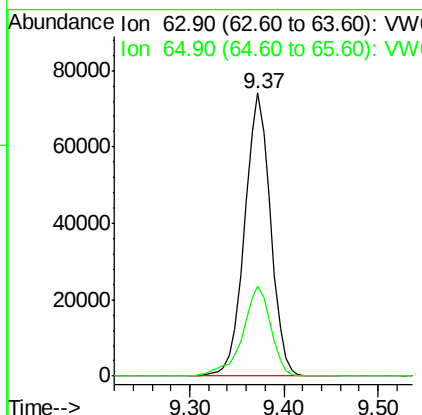
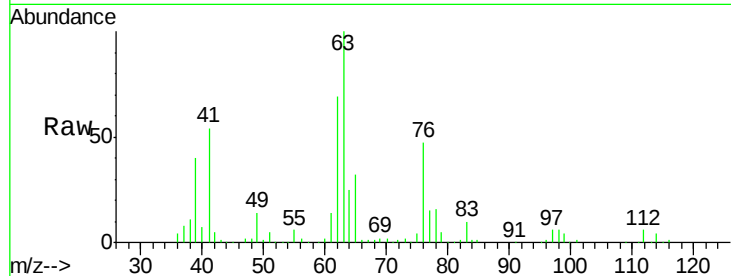
#45
 1,2-Dichloropropane
 Concen: 48.283 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 142471
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.1 37.7

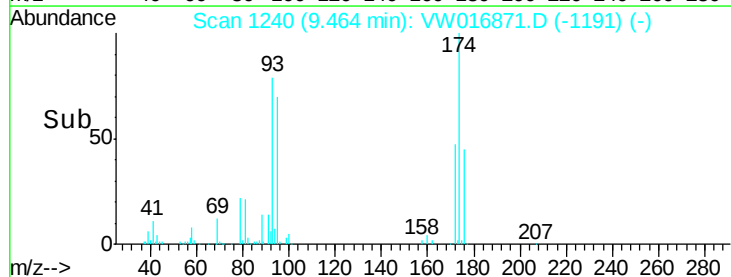
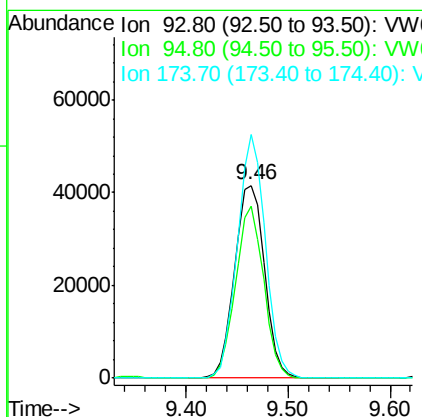
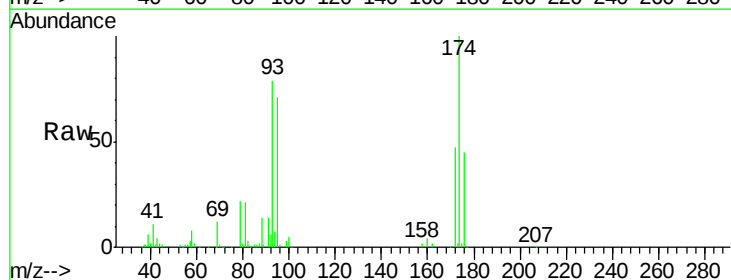
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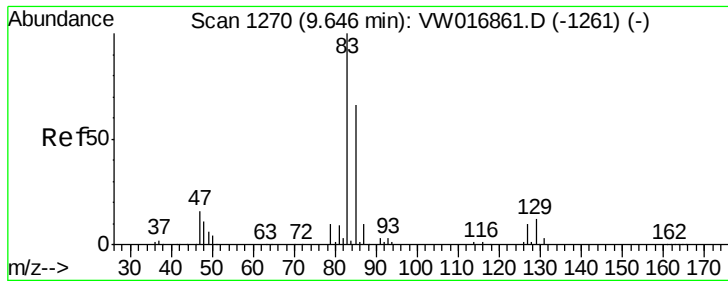
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#46
 Dibromomethane
 Concen: 50.188 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion: 93 Resp: 84705
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.5 99.7
 174 117.8 91.0 136.6





#47

Bromodichloromethane

Concen: 49.449 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

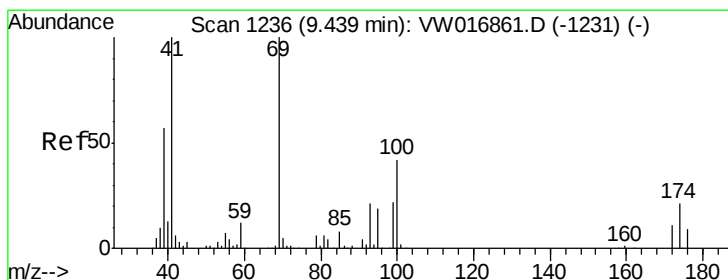
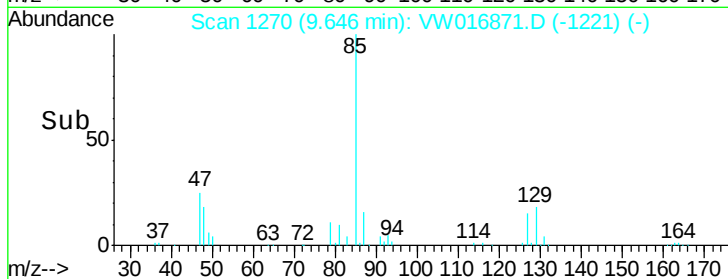
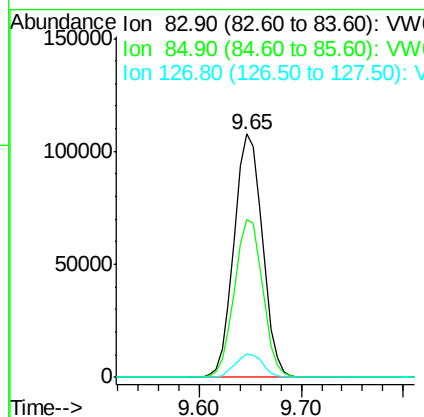
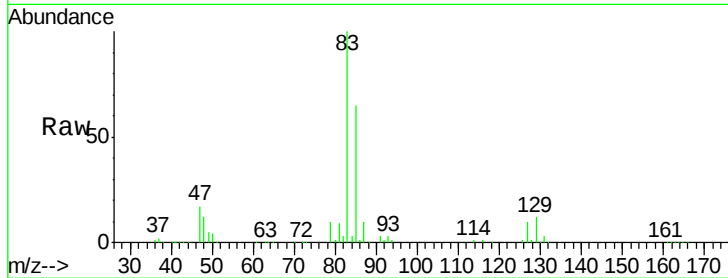
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	207512
Ion Ratio	Lower	Upper	
83	100		
85	65.0	52.7	79.1
127	9.6	7.8	11.6

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#48

Methyl methacrylate

Concen: 53.344 ug/l

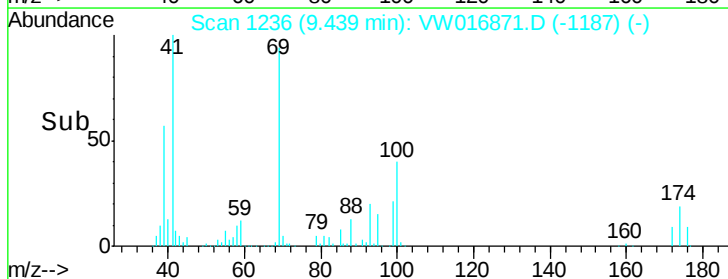
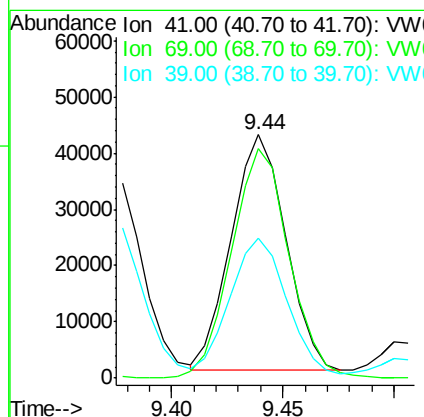
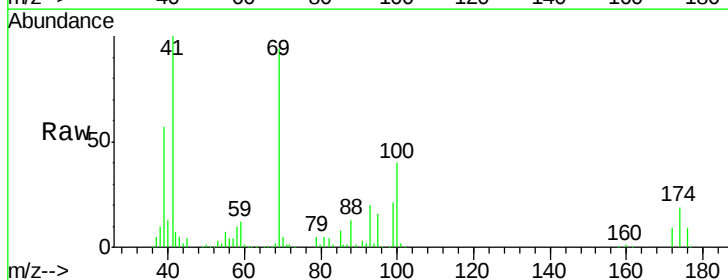
RT: 9.44 min Scan# 1236

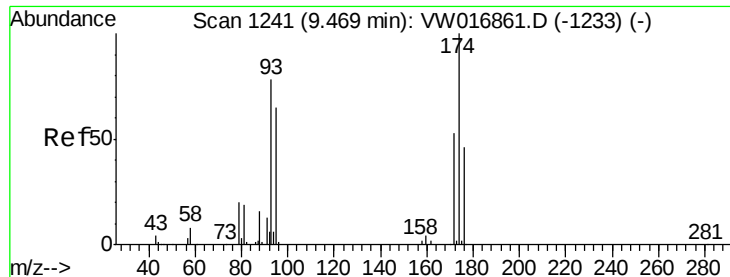
Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Tgt Ion:	41	Resp:	71449
Ion Ratio	Lower	Upper	
41	100		
69	102.9	83.5	125.3
39	63.1	50.9	76.3





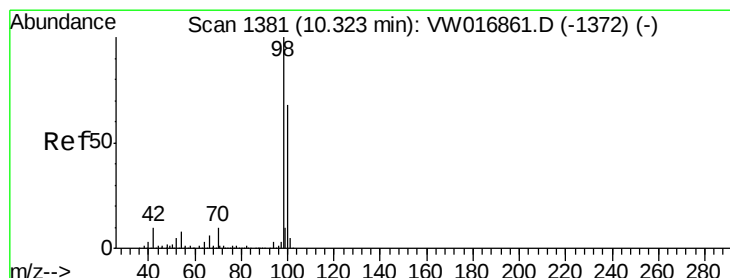
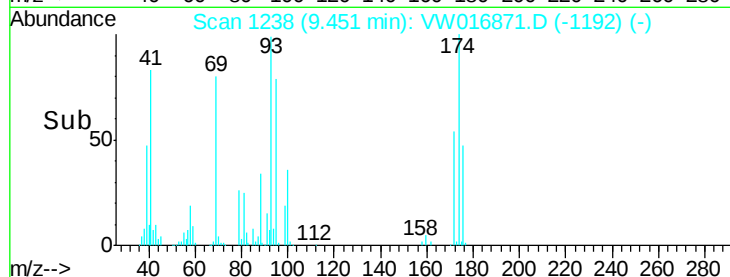
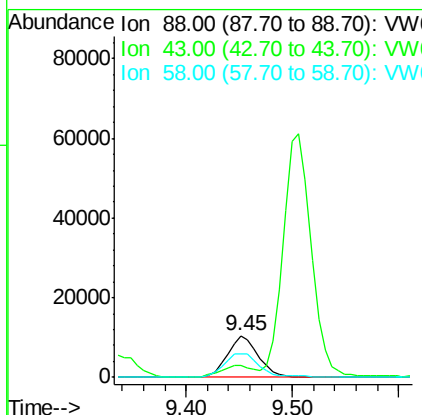
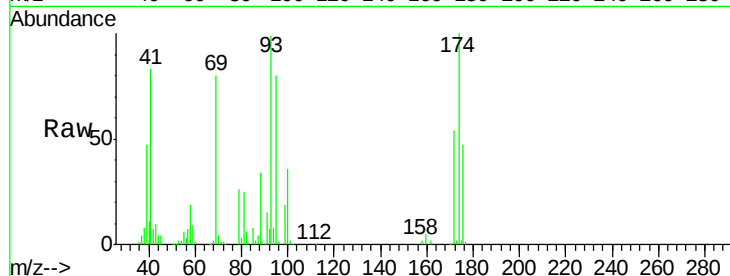
#49
1,4-Dioxane
Concen: 1086.210 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	21087
Ion	Ratio	Lower	Upper
88	100		
43	29.4	0.0	0.0#
58	63.1	54.0	81.0

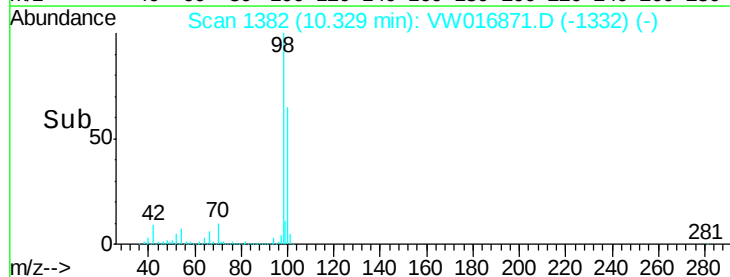
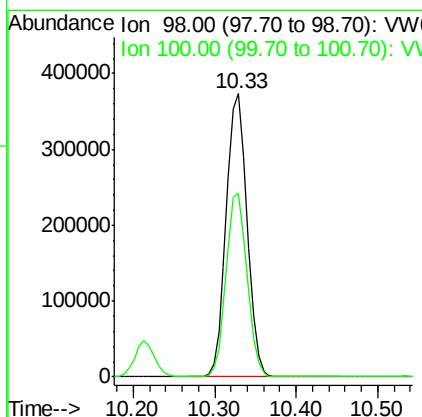
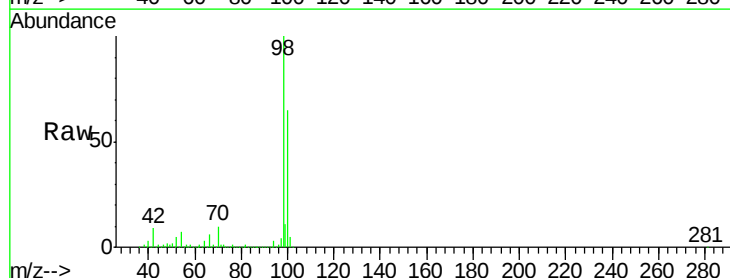
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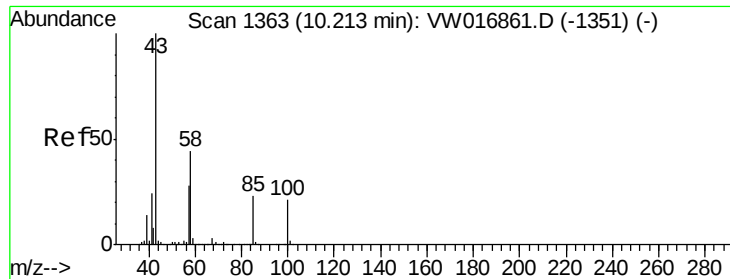
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#50
Toluene-d8
Concen: 53.259 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	98	Resp	657501
Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 258.560 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 380192

Ion Ratio Lower Upper

43 100

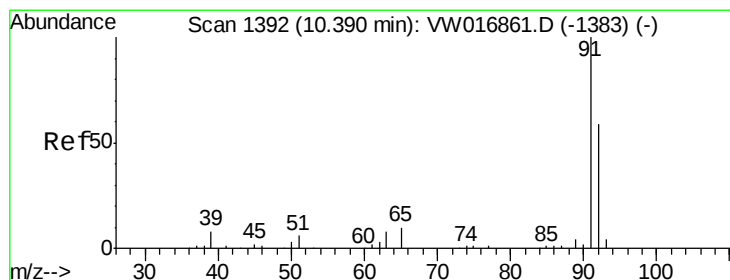
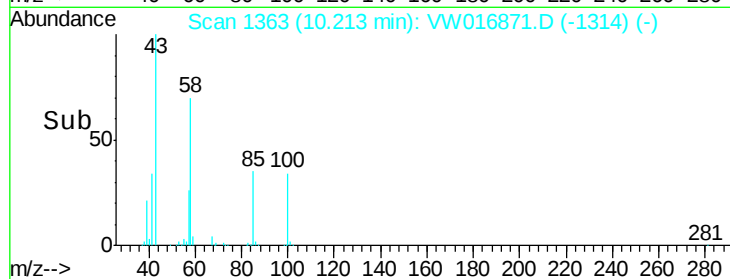
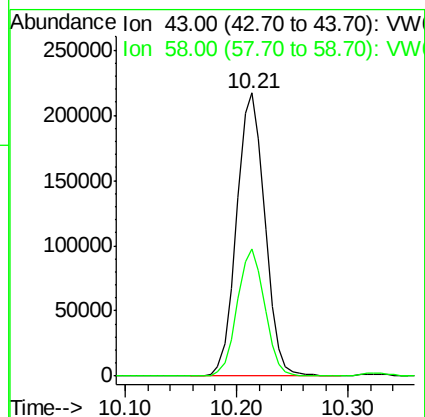
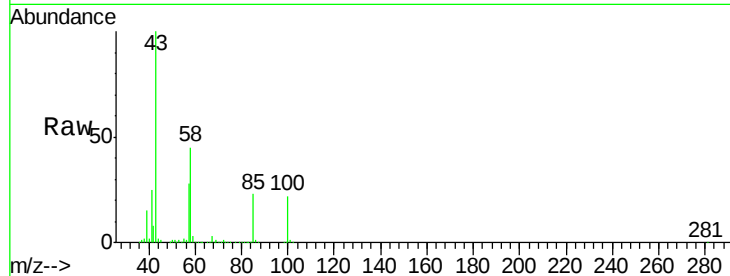
58 44.0 34.7 52.1

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#52

Toluene

Concen: 49.462 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016871.D

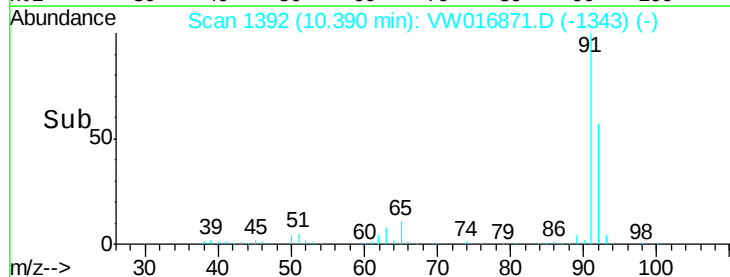
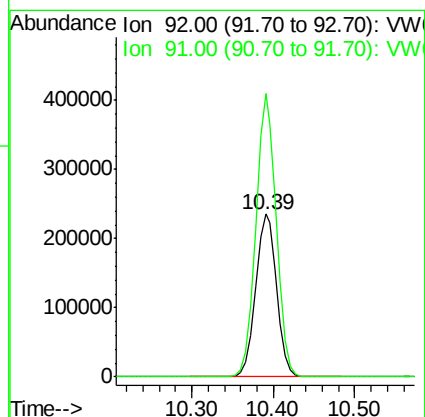
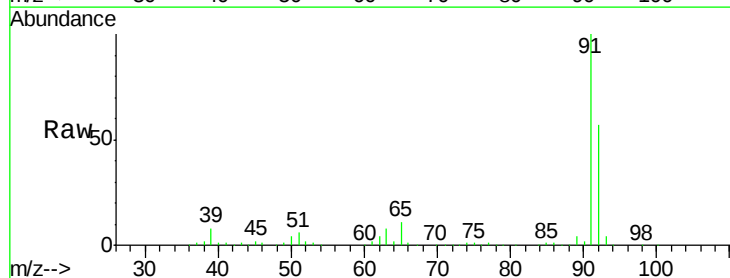
Acq: 09 Oct 2020 20:05

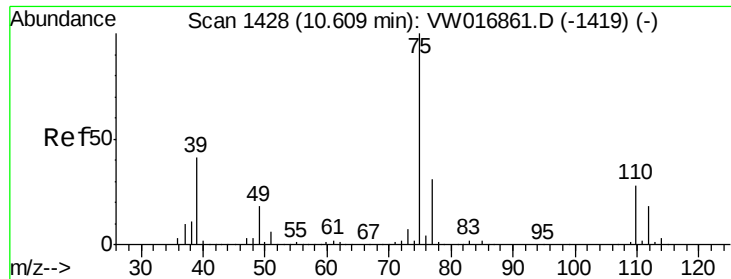
Tgt Ion: 92 Resp: 423069

Ion Ratio Lower Upper

92 100

91 170.0 134.7 202.1





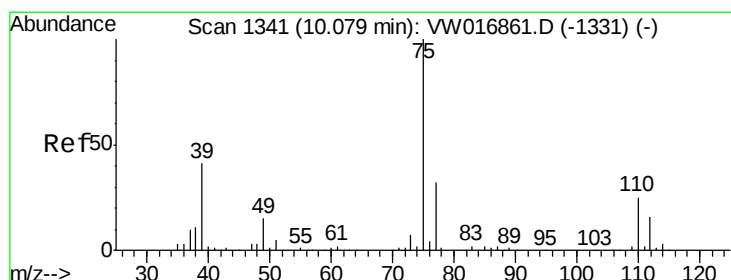
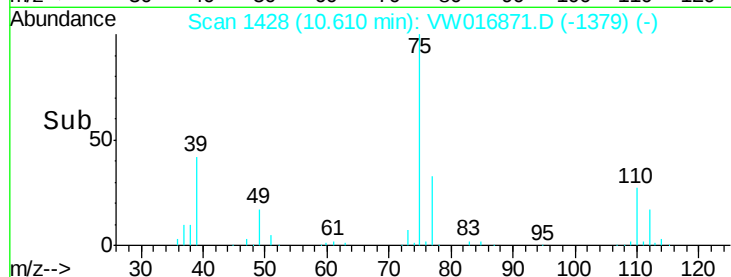
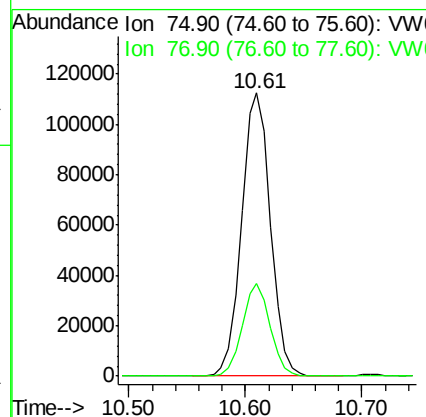
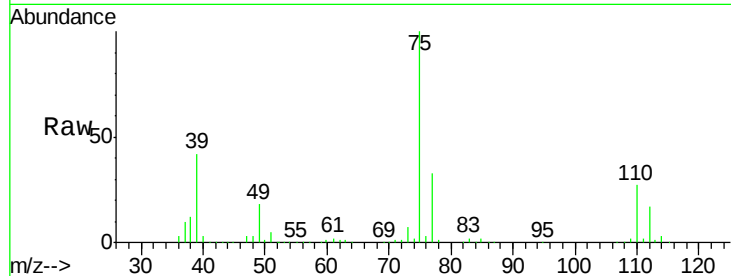
#53
t-1,3-Dichloropropene
Concen: 50.718 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 193762
Ion Ratio Lower Upper
75 100
77 32.7 24.8 37.2

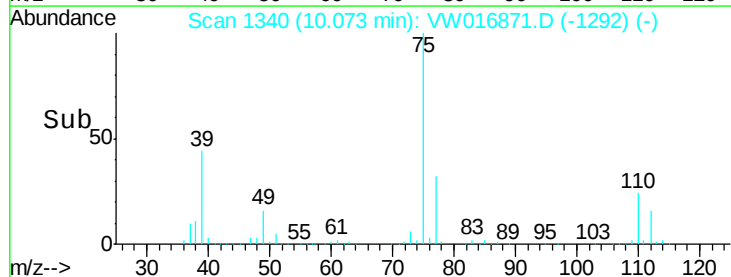
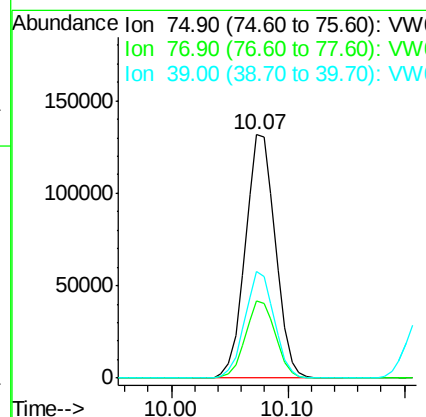
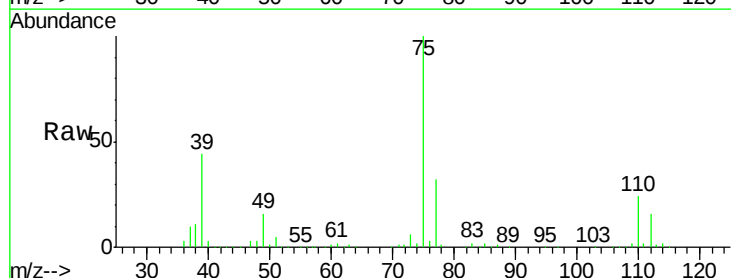
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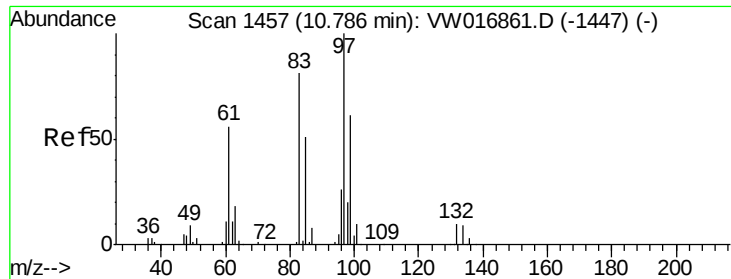
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#54
cis-1,3-Dichloropropene
Concen: 50.948 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion: 75 Resp: 237739
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 43.6 32.9 49.3





#55

1,1,2-Trichloroethane

Concen: 49.914 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

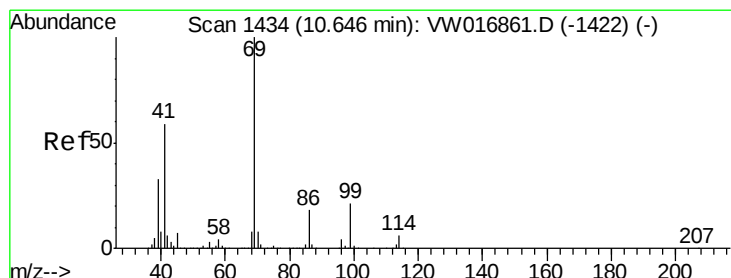
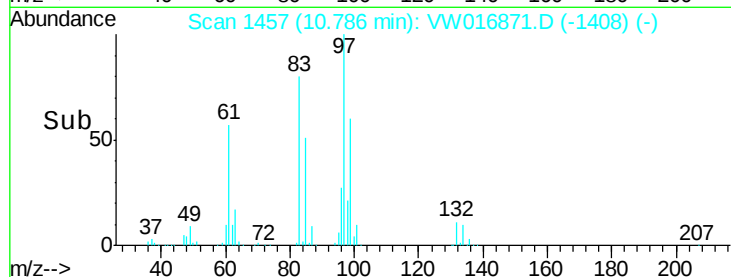
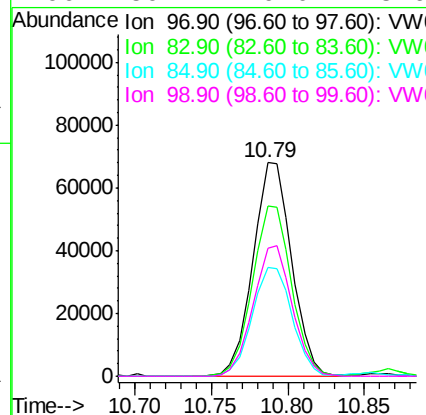
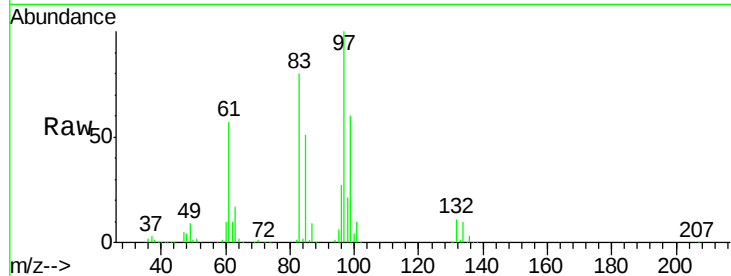
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		119910		
83	79.5	64.6	97.0		
85	51.0	40.6	61.0		
99	59.7	49.0	73.6		

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#56

Ethyl methacrylate

Concen: 52.901 ug/l

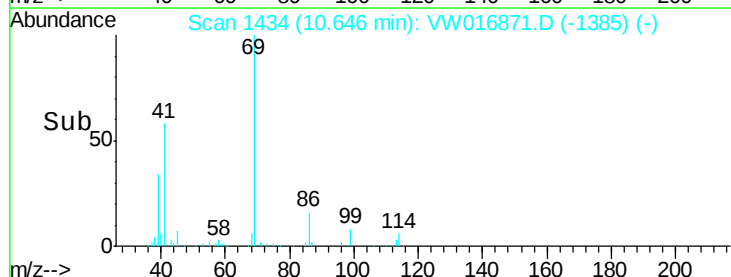
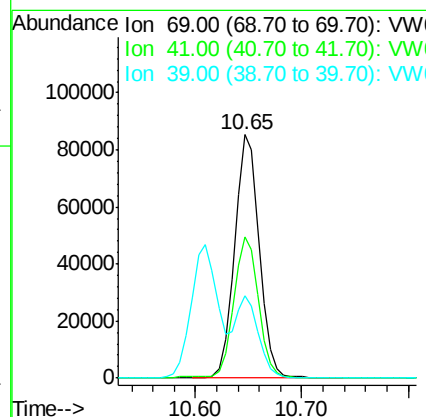
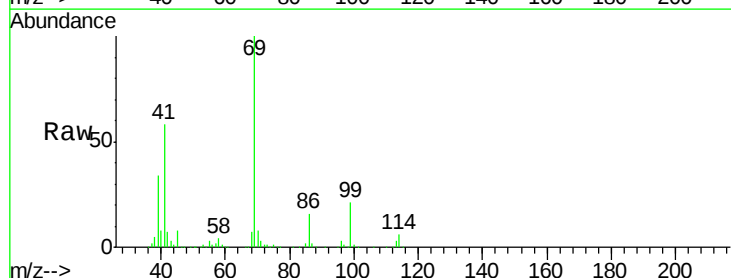
RT: 10.65 min Scan# 1434

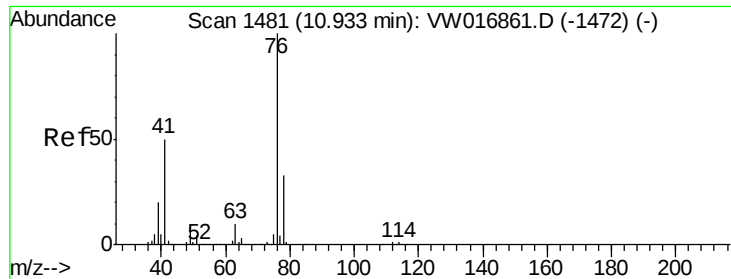
Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		138252		
41	57.3	46.3	69.5		
39	32.5	25.9	38.9		





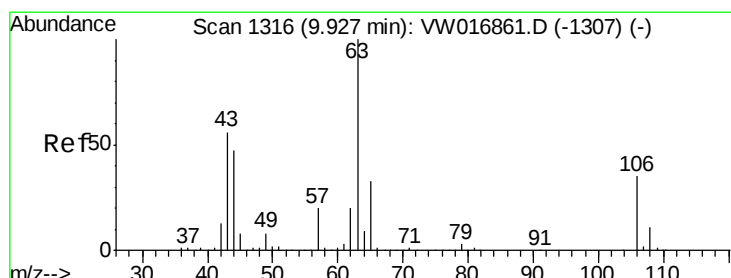
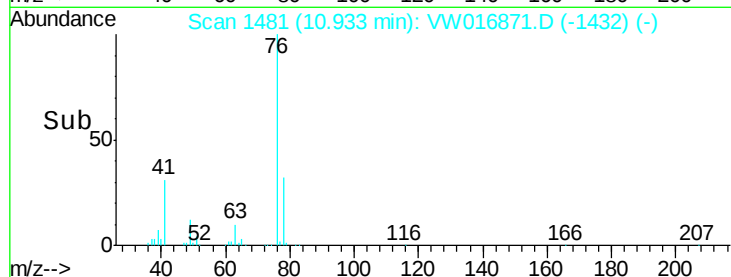
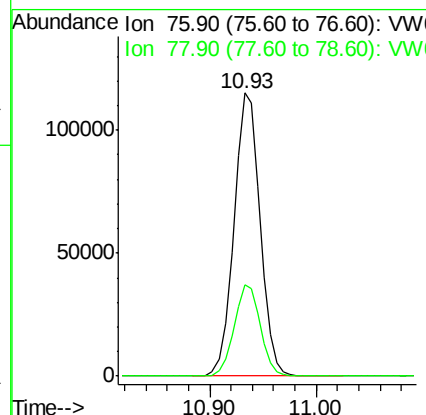
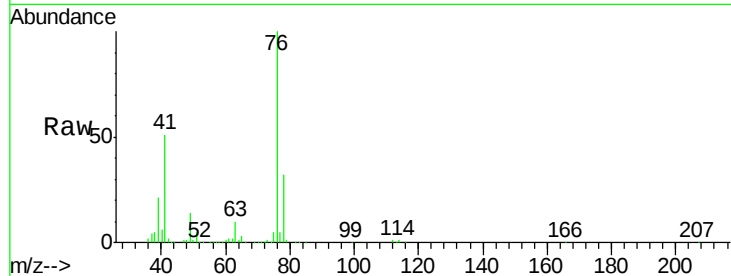
#57
 1,3-Dichloropropane
 Concen: 49.636 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 197282
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0

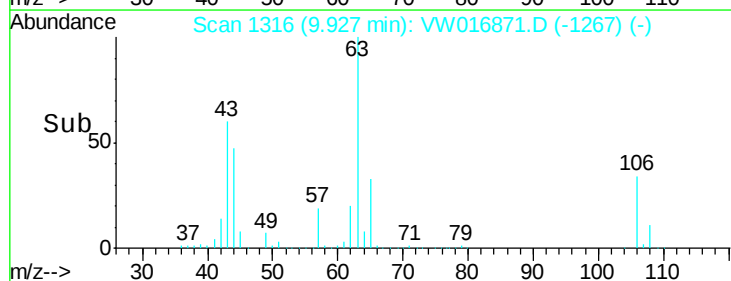
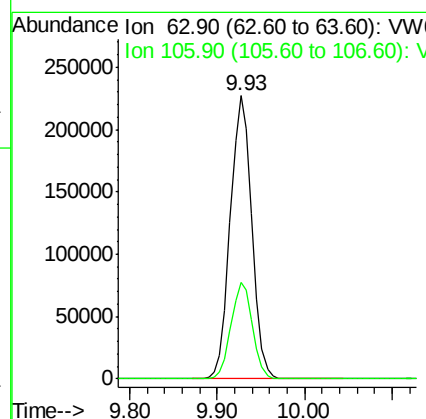
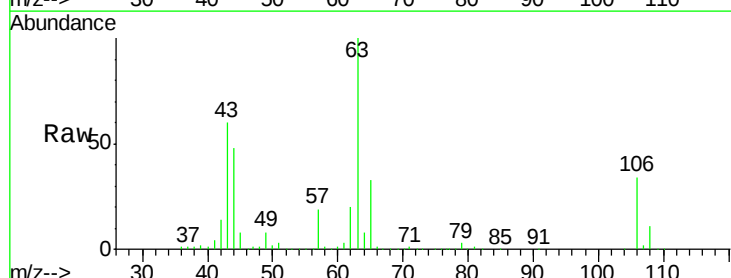
Manual Integrations
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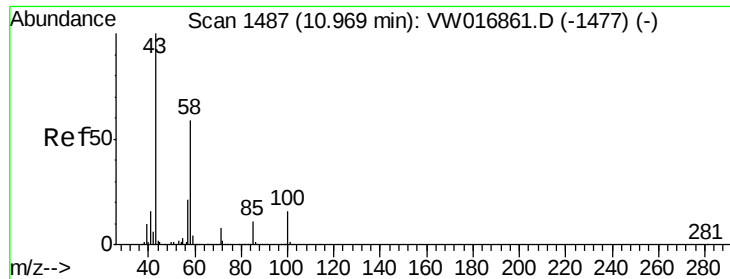
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#58
 2-Chloroethyl Vinyl ether
 Concen: 267.441 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion: 63 Resp: 387310
 Ion Ratio Lower Upper
 63 100
 106 33.9 27.0 40.4





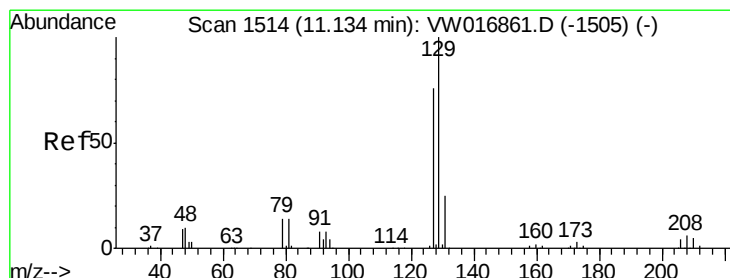
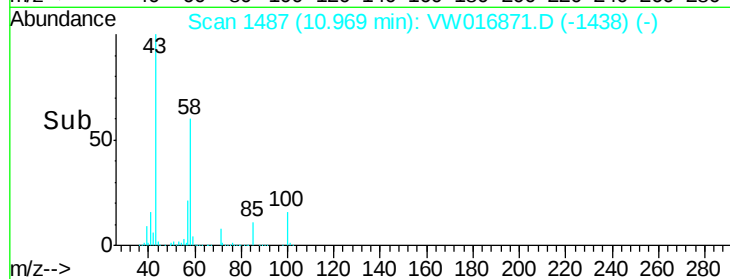
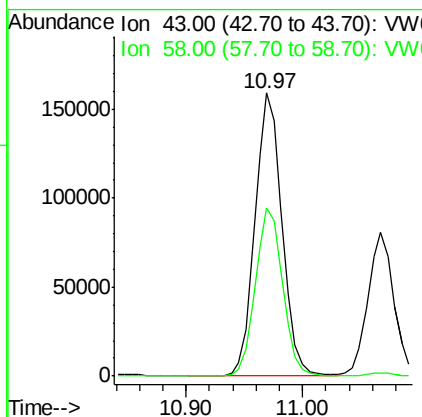
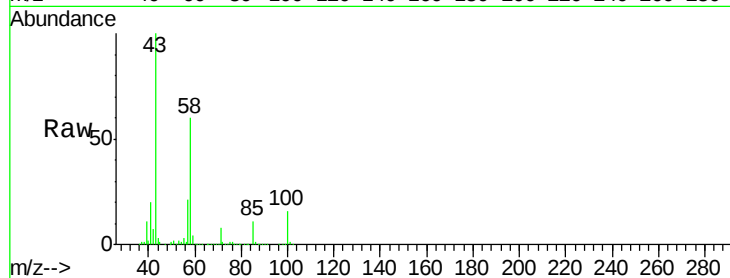
#59
2-Hexanone
Concen: 265.351 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.0	29.5	88.5

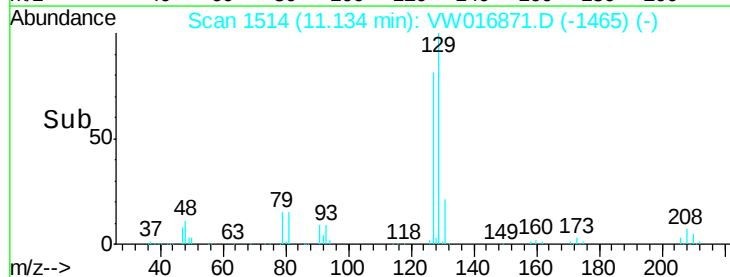
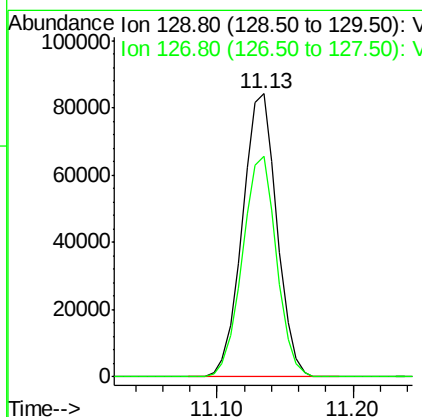
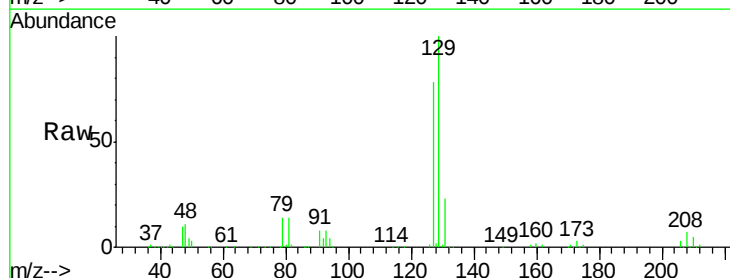
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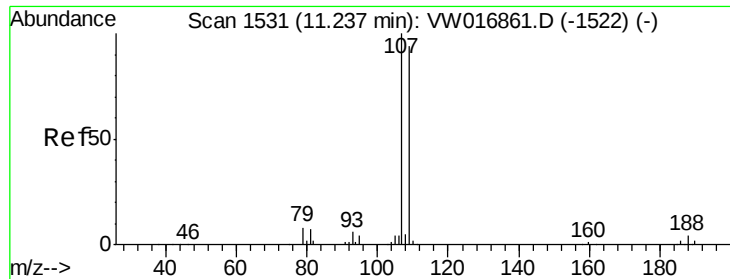
MMDadoda
10/12/2020 4:20:58 PM



#60
Dibromochloromethane
Concen: 50.638 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.9	116.6





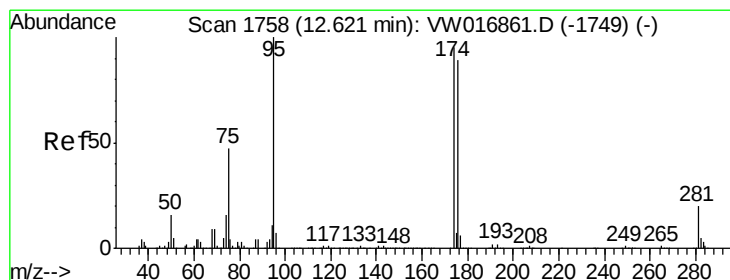
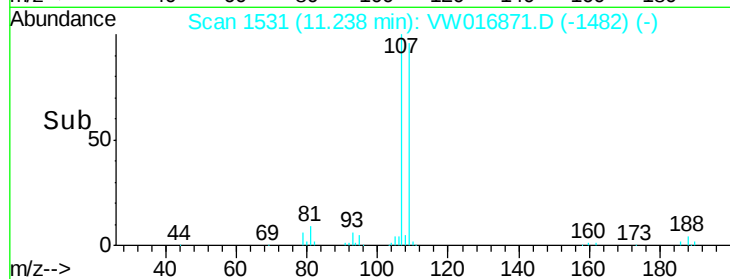
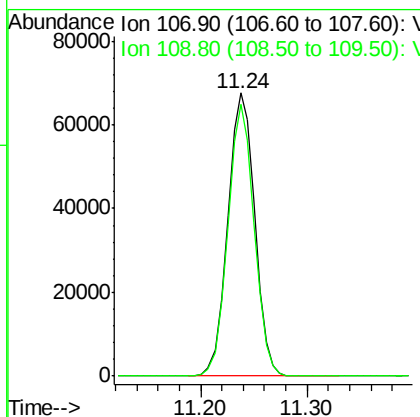
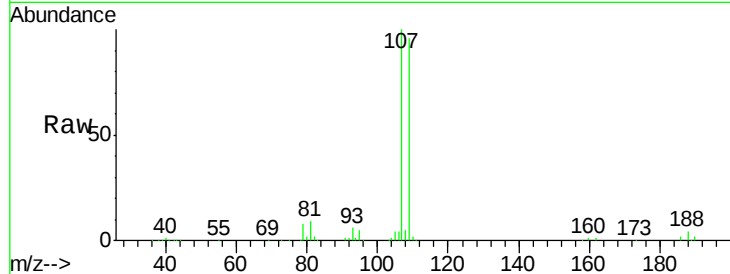
#61
 1,2-Dibromoethane
 Concen: 50.337 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	119756		
109	93.6	74.7	112.1	

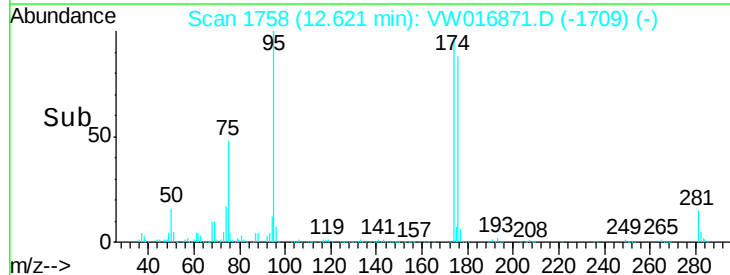
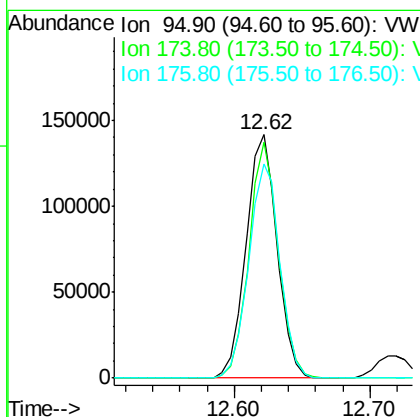
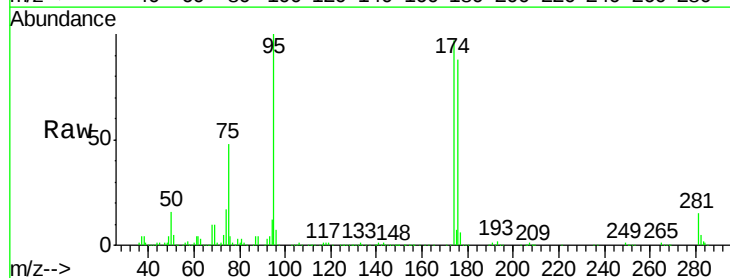
Manual Integrations
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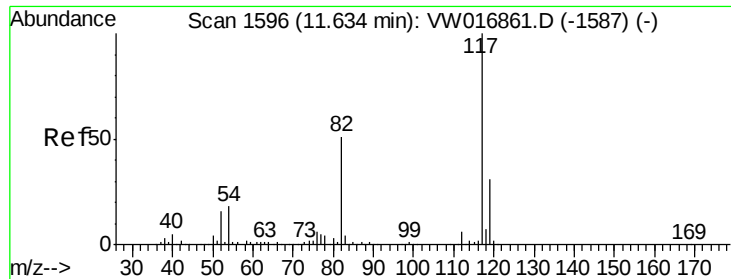
MMDadoda
 10/12/2020 4:20:58 PM



#62
 4-Bromofluorobenzene
 Concen: 53.185 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	226415		
174	92.0	0.0	180.6	
176	88.5	0.0	177.6	





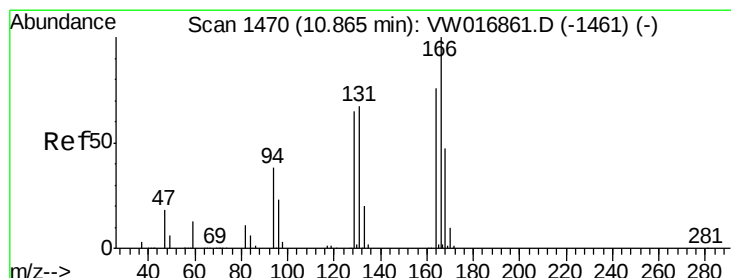
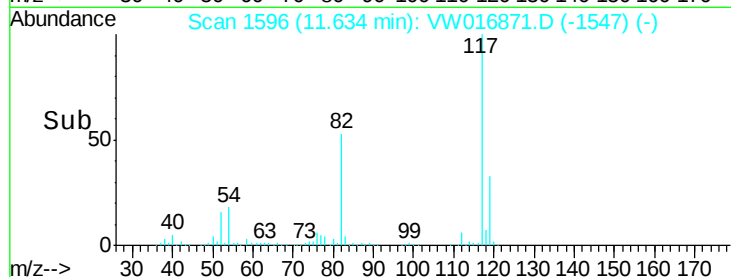
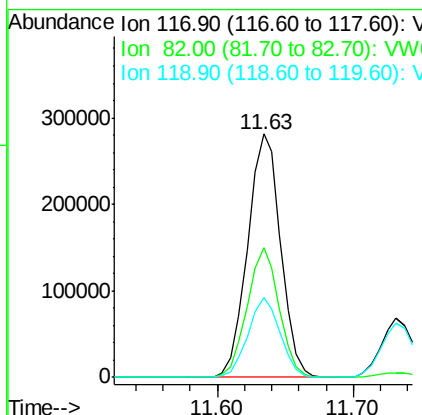
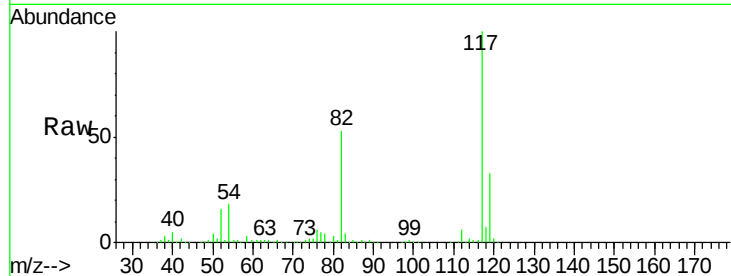
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	40.7	61.1
119	32.7	25.0	37.4

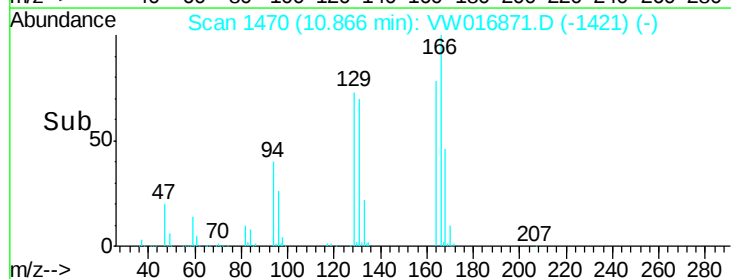
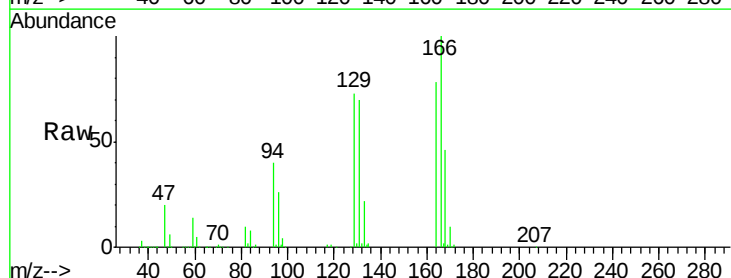
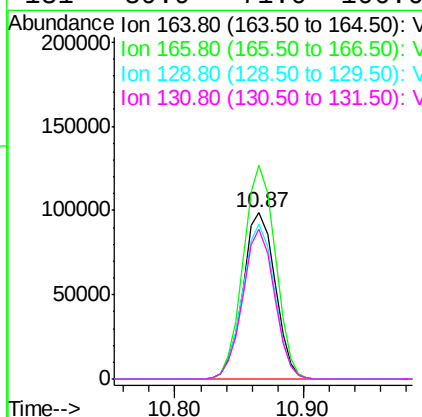
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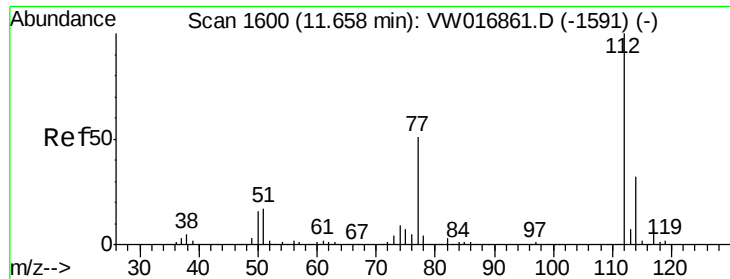
MMDadoda
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#64
Tetrachloroethene
Concen: 50.221 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	105.3	157.9
129	93.2	68.8	103.2
131	89.9	71.0	106.6





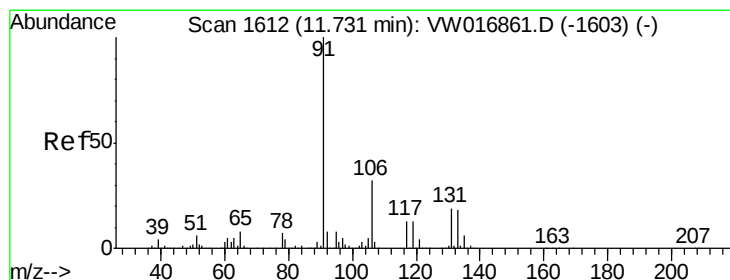
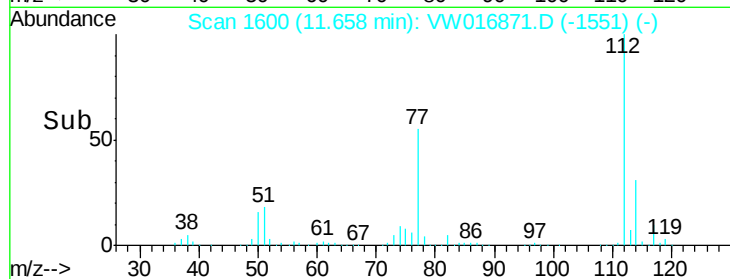
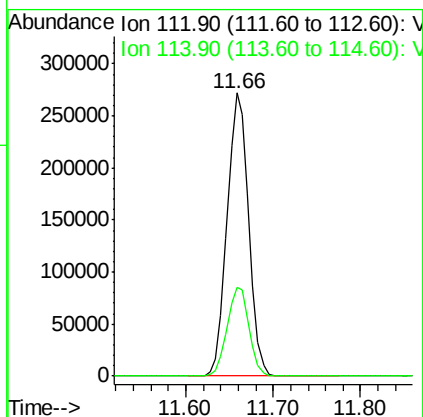
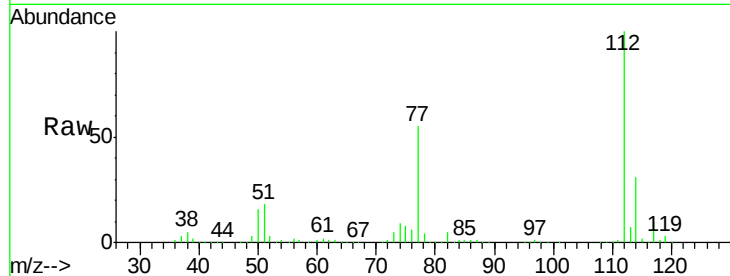
#65
Chlorobenzene
Concen: 49.477 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 463253
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9

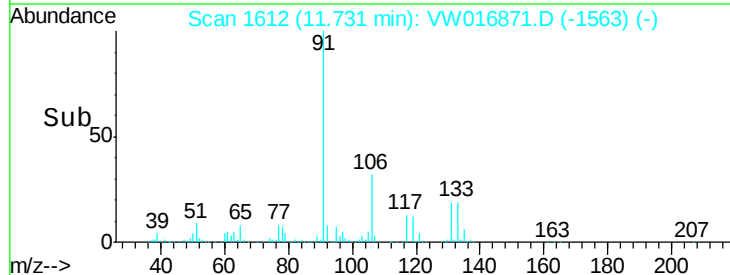
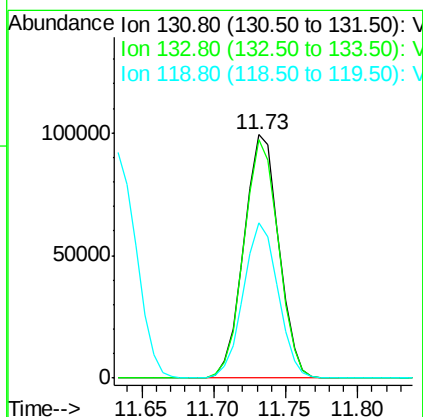
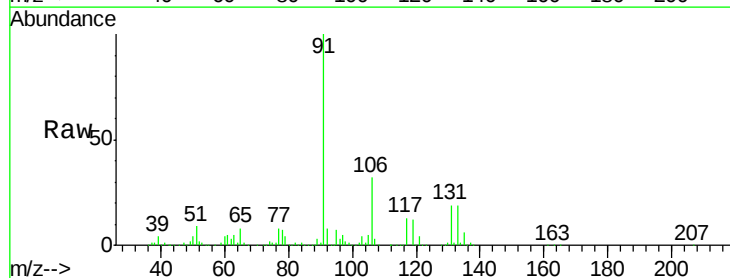
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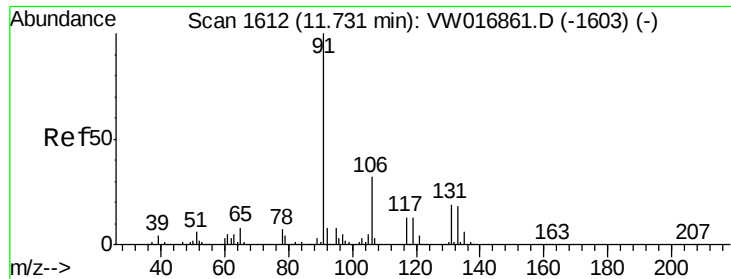
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.152 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion:131 Resp: 166064
Ion Ratio Lower Upper
131 100
133 97.3 48.1 144.3
119 63.4 32.5 97.4





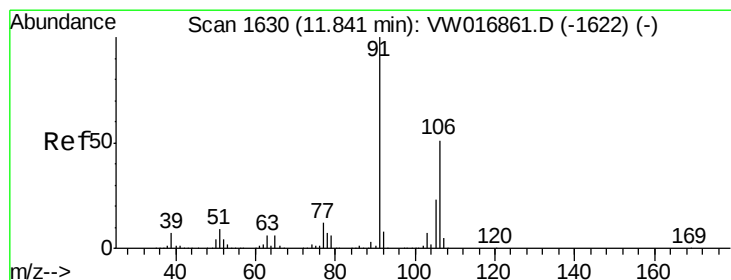
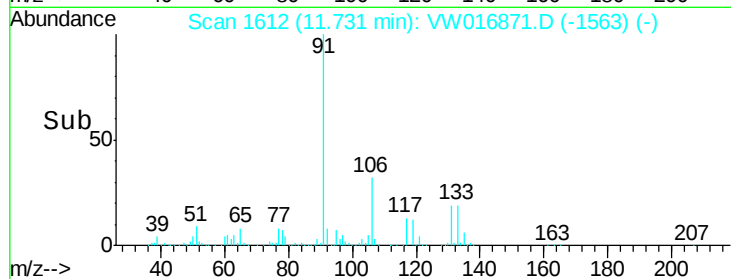
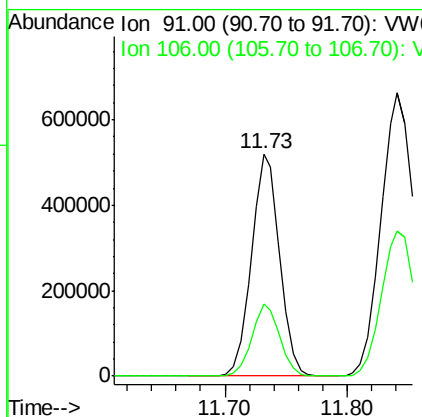
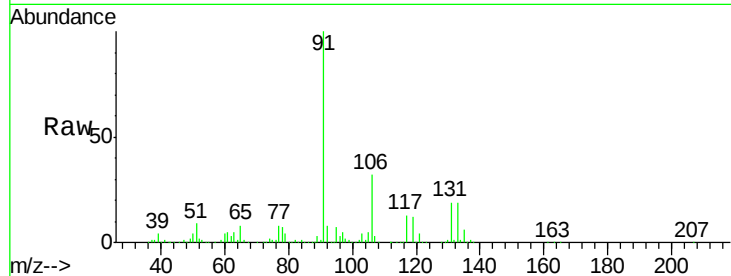
#67
Ethyl Benzene
Concen: 50.802 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 828872
Ion Ratio Lower Upper
91 100
106 32.5 25.9 38.9

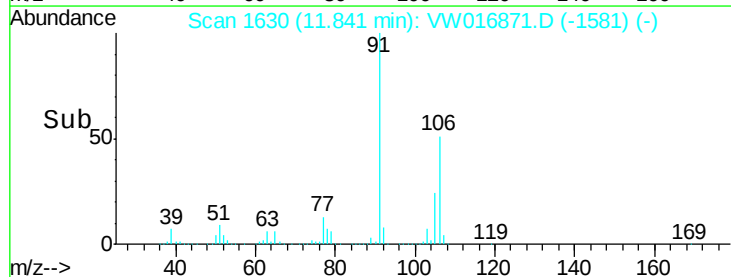
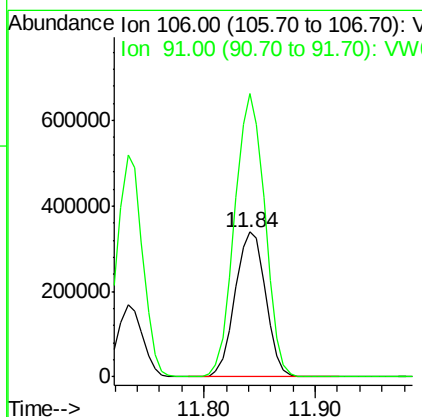
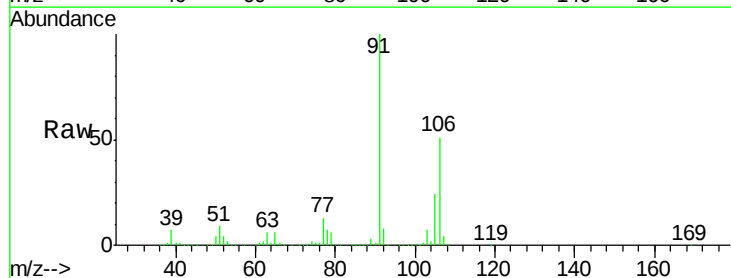
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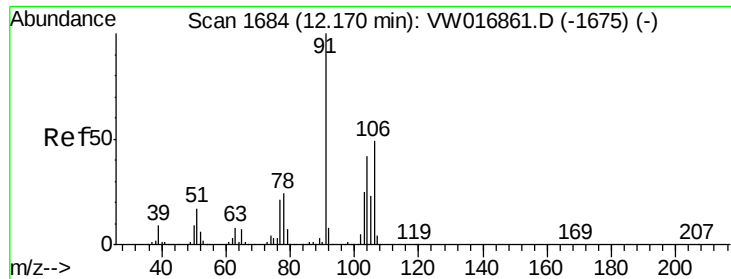
MMDadoda
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#68
m/p-Xylenes
Concen: 100.908 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion: 106 Resp: 640323
Ion Ratio Lower Upper
106 100
91 194.1 157.4 236.0





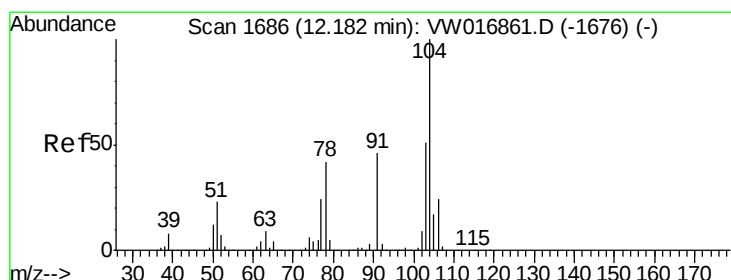
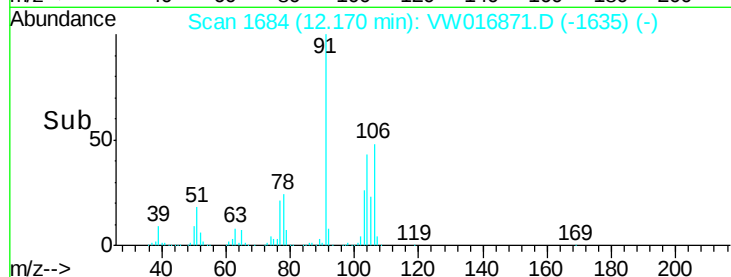
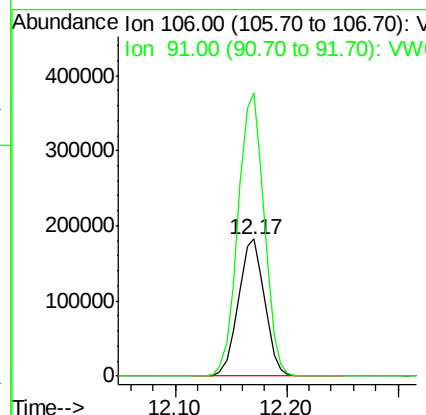
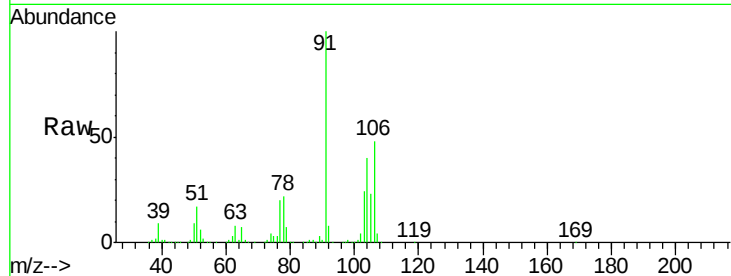
#69
o-Xylene
Concen: 50.868 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		296215		
91	206.5	103.6	310.9		

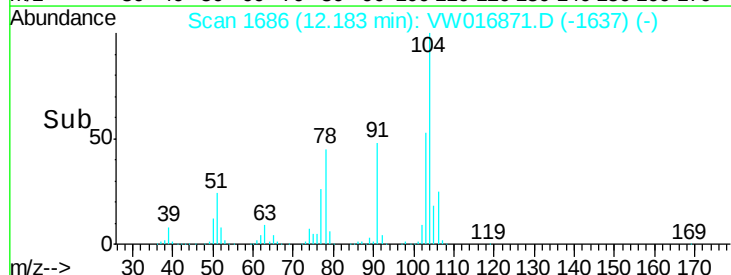
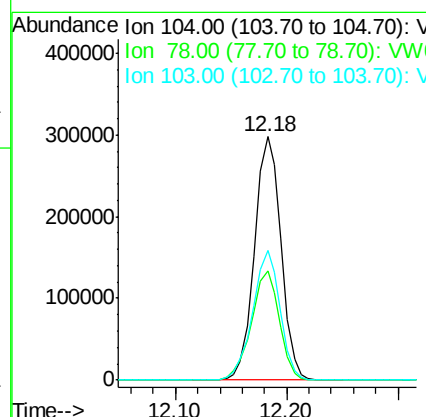
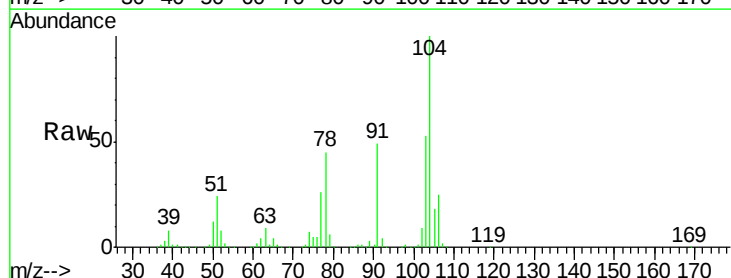
Manual Integrations
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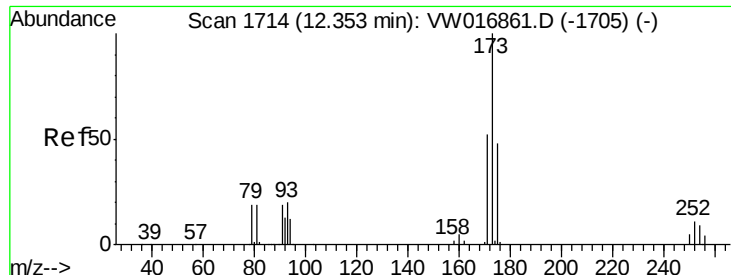
MMDadoda
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#70
Styrene
Concen: 50.920 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		493502		
78	47.6	37.6	56.4		
103	55.0	43.6	65.4		





#71

Bromoform

Concen: 52.456 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 87200

Ion Ratio Lower Upper

173 100

175 47.9 24.7 74.1

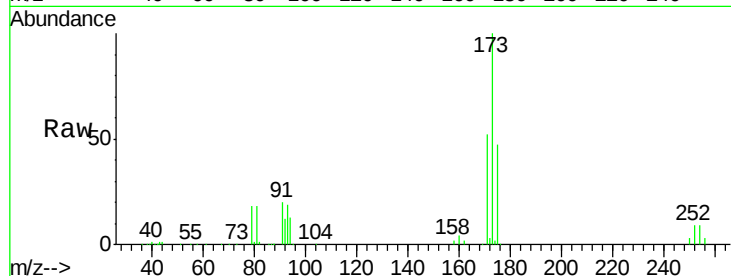
254 0.1 0.1 0.1

Manual Integrations

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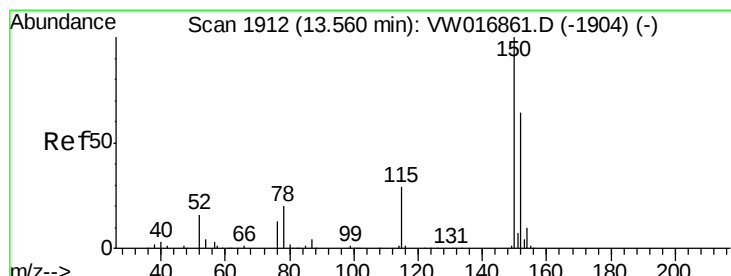
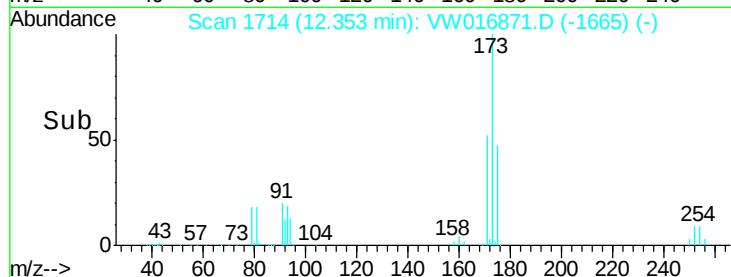
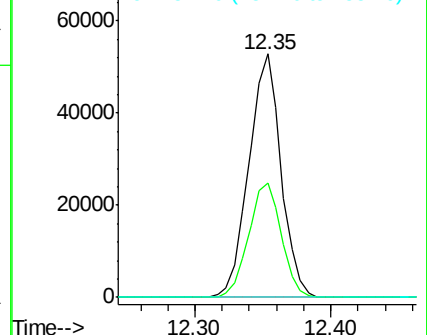
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

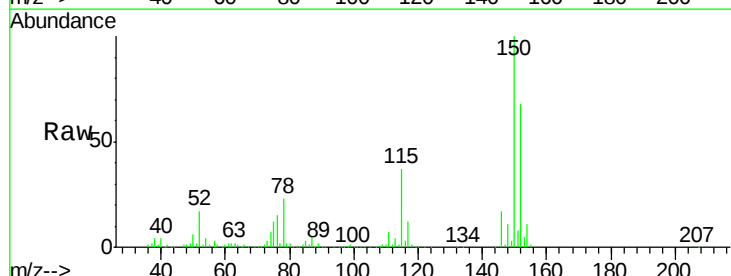
Tgt Ion:152 Resp: 242138

Ion Ratio Lower Upper

152 100

115 55.4 27.9 83.7

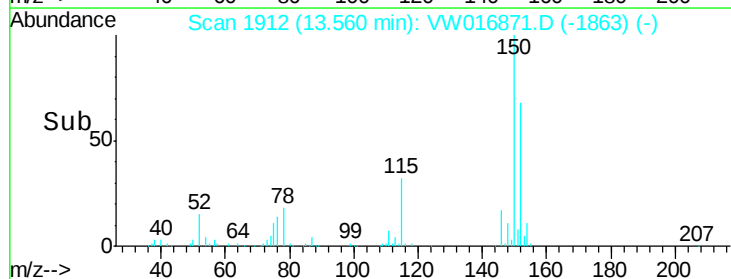
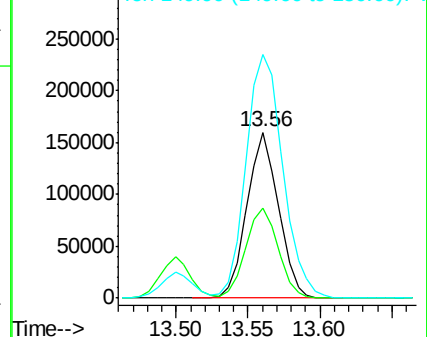
150 171.5 0.0 344.0

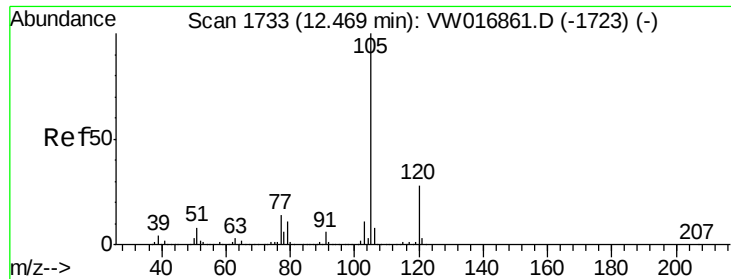


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





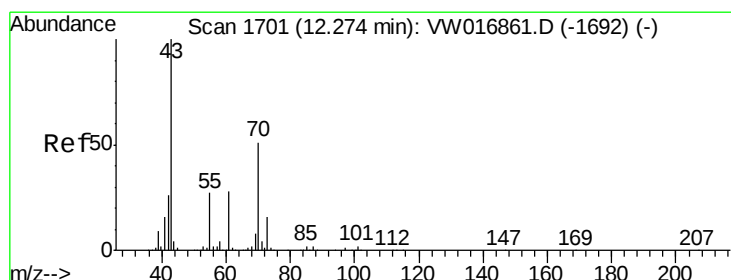
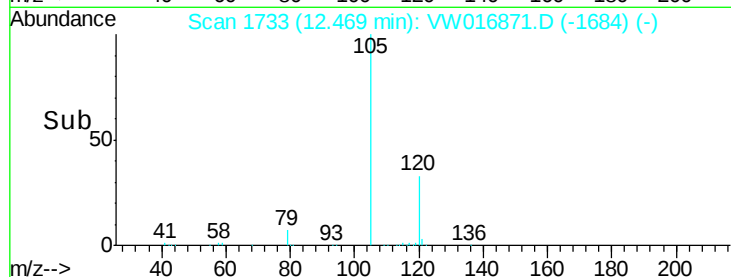
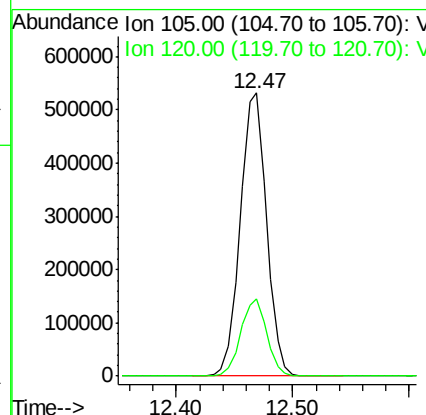
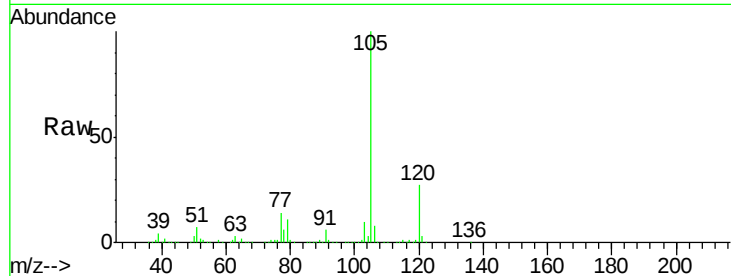
#73
Isopropylbenzene
Concen: 52.023 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.6	40.7

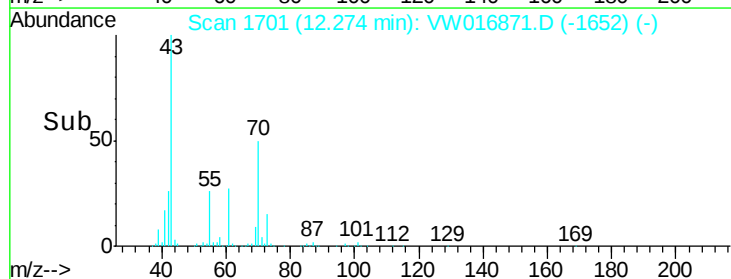
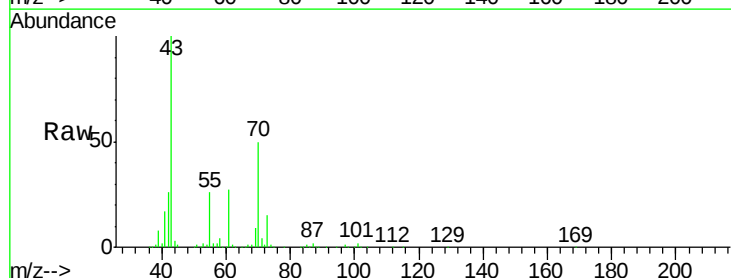
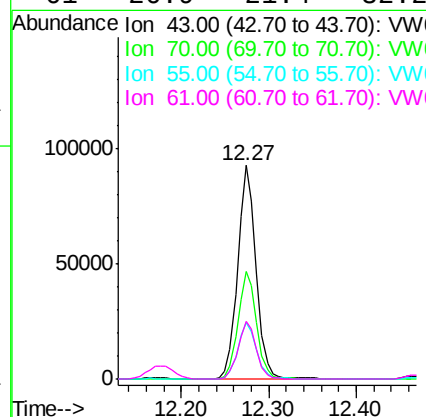
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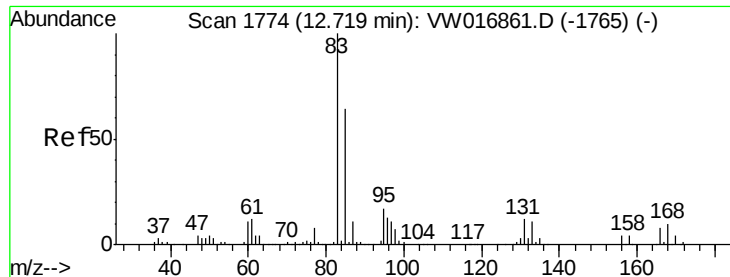
MMDadoda
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#74
N-ethyl acetate
Concen: 52.778 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
43	100		
70	51.0	40.2	60.4
55	27.2	21.4	32.0
61	26.9	21.4	32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.497 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

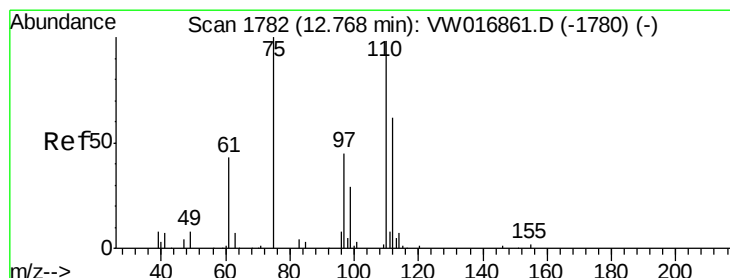
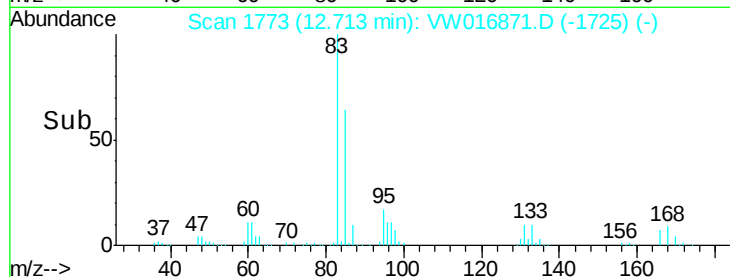
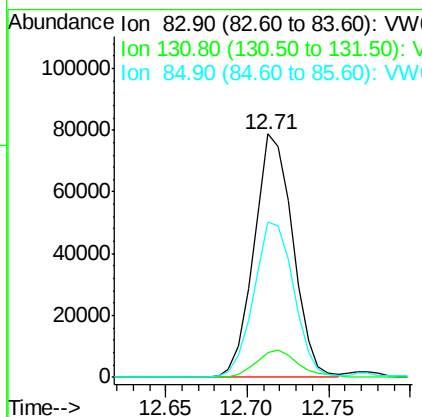
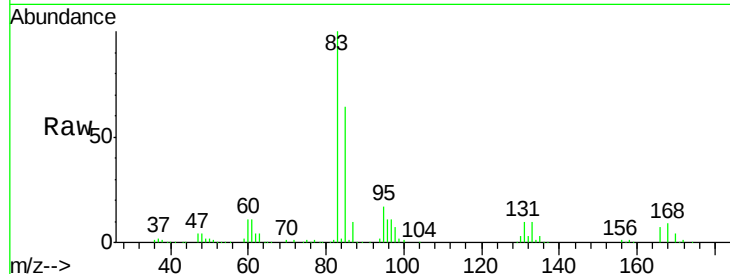
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	130039
Ion Ratio	Lower	Upper	
83	100		
131	12.2	6.1	18.3
85	65.6	32.7	98.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.180 ug/l m

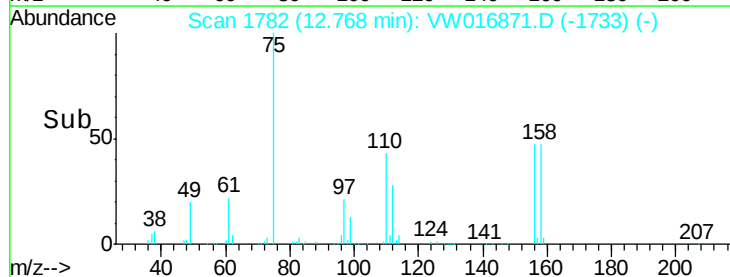
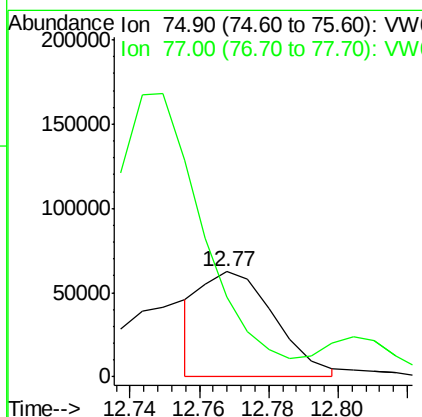
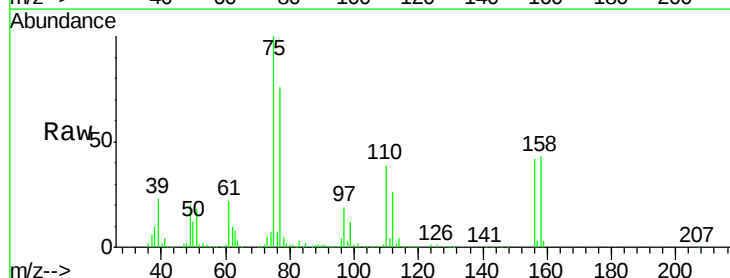
RT: 12.77 min Scan# 1782

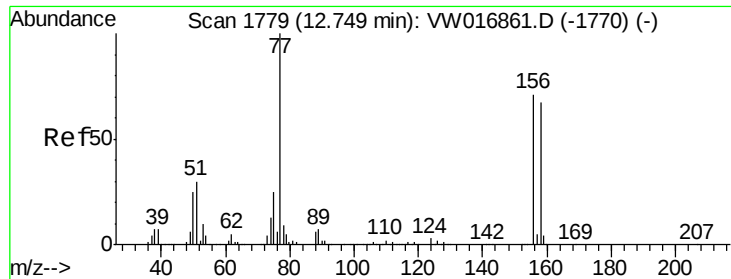
Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Tgt Ion:	75	Resp:	92469
Ion Ratio	Lower	Upper	
75	100		
77	341.0	178.8	536.3





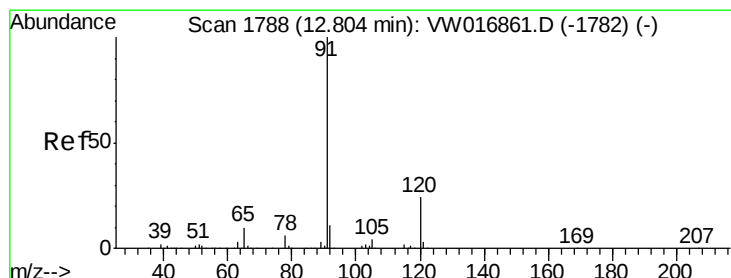
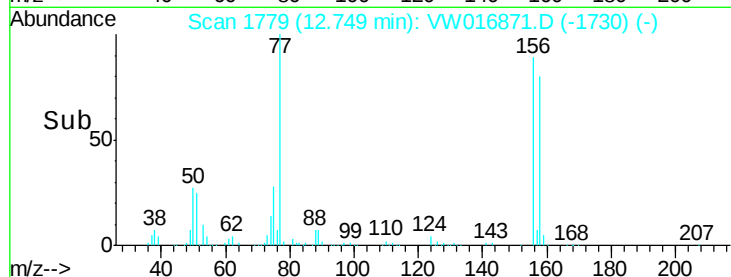
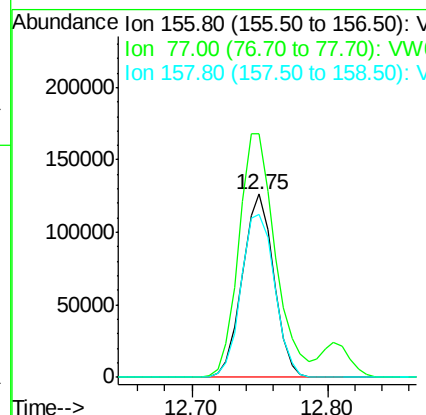
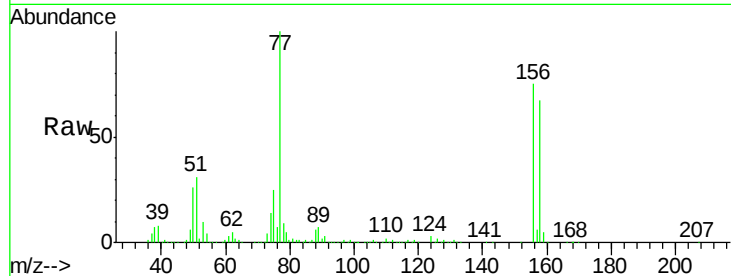
#77
Bromobenzene
Concen: 51.298 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	154.5	79.0	237.2	
158	95.6	47.0	141.2	

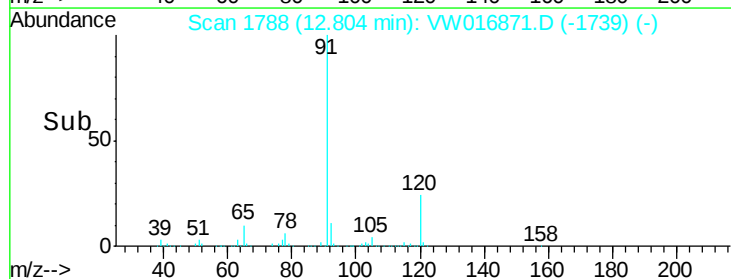
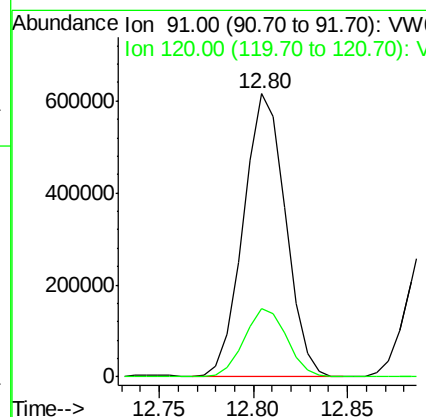
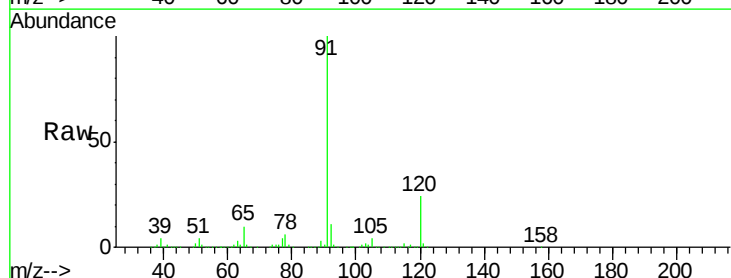
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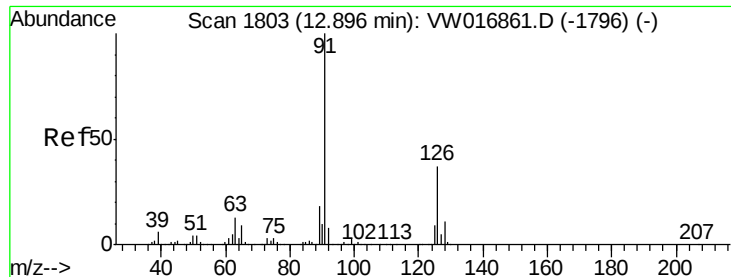
MMDadoda
10/12/2020 4:20:58 PM



#78
n-propylbenzene
Concen: 51.379 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.4	12.0	36.1	





#79

2-Chlorotoluene

Concen: 49.763 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 526887

Ion Ratio Lower Upper

91 100

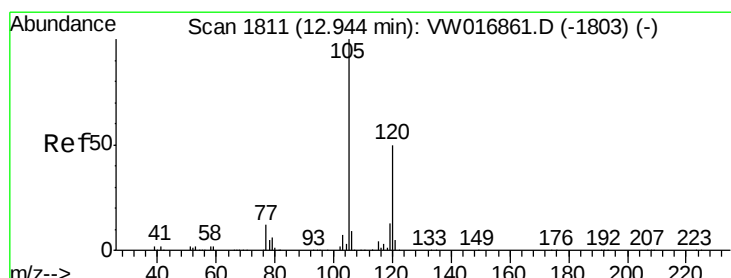
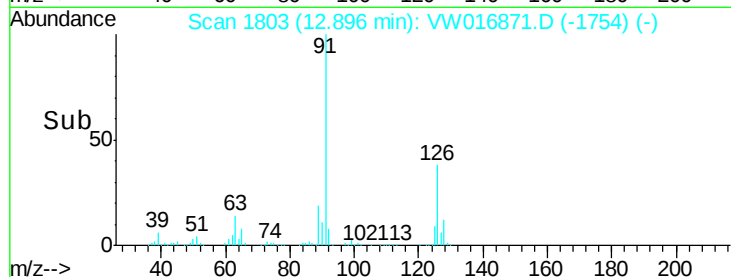
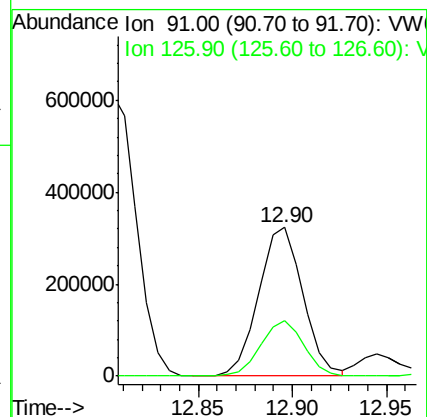
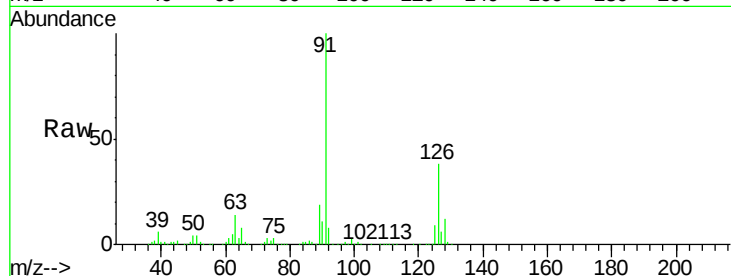
126 36.6 17.9 53.8

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#80

1,3,5-Trimethylbenzene

Concen: 51.724 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016871.D

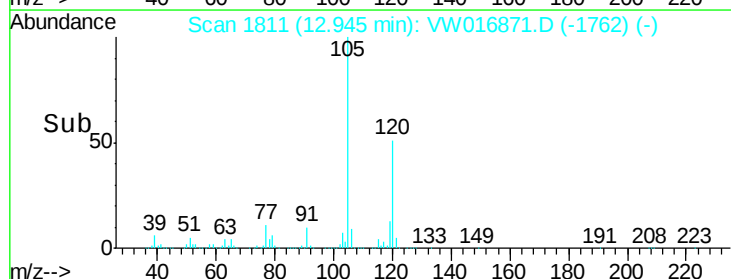
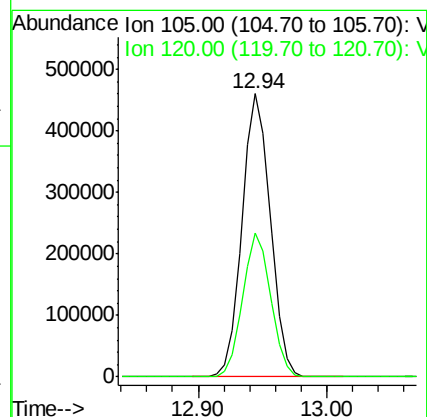
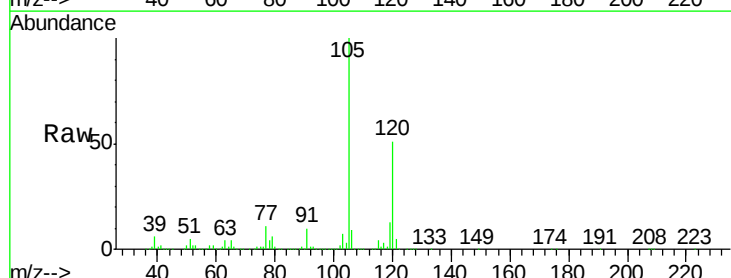
Acq: 09 Oct 2020 20:05

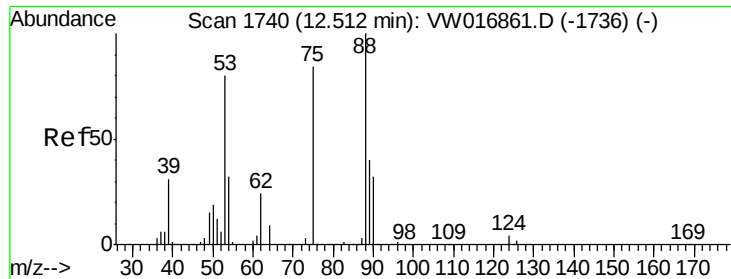
Tgt Ion: 105 Resp: 697635

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.535 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

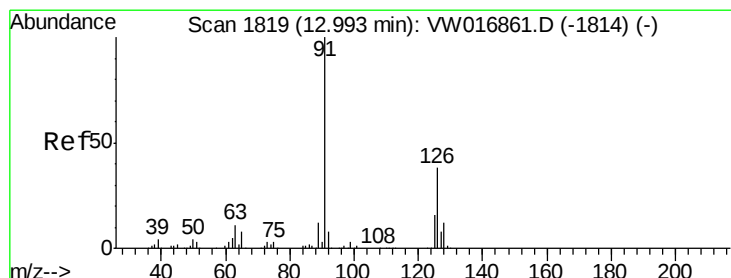
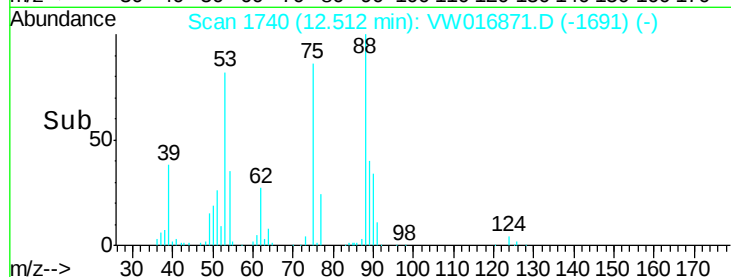
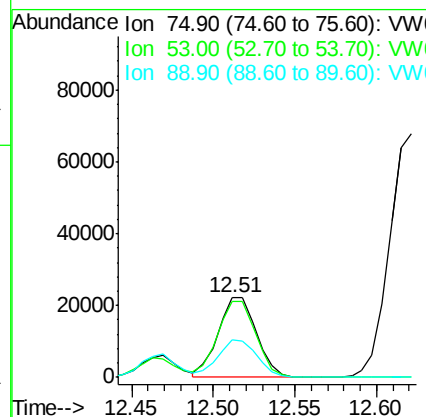
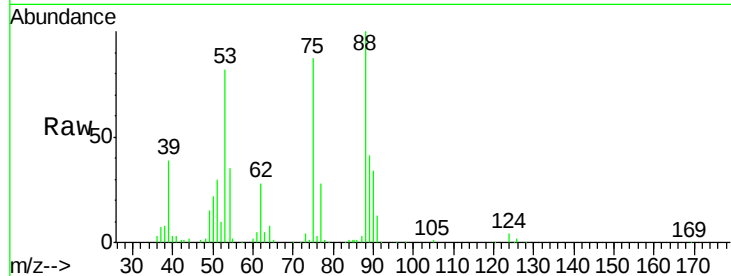
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.3	77.0	115.4
89	47.3	38.7	58.1

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#82

4-Chlorotoluene

Concen: 50.560 ug/l

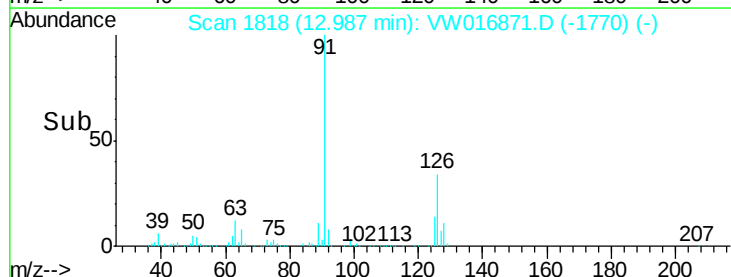
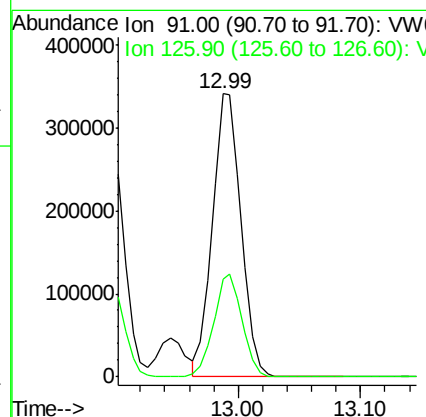
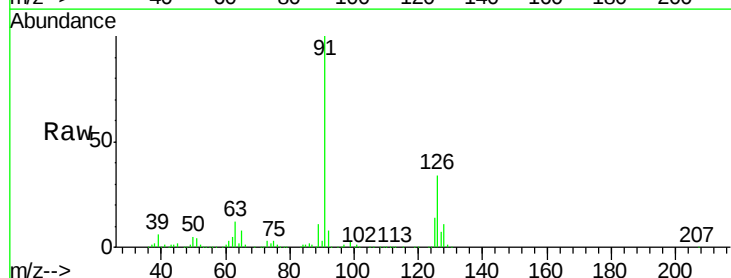
RT: 12.99 min Scan# 1818

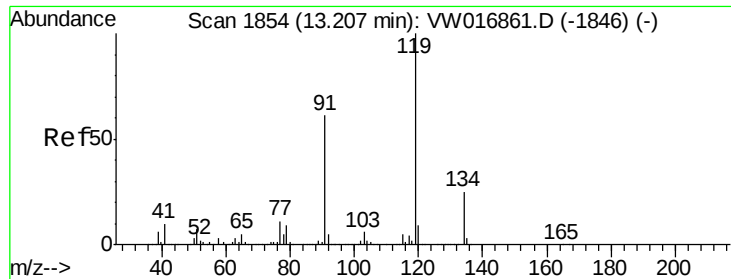
Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	18.1	54.3





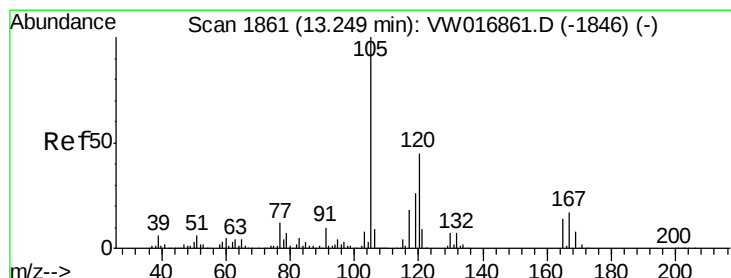
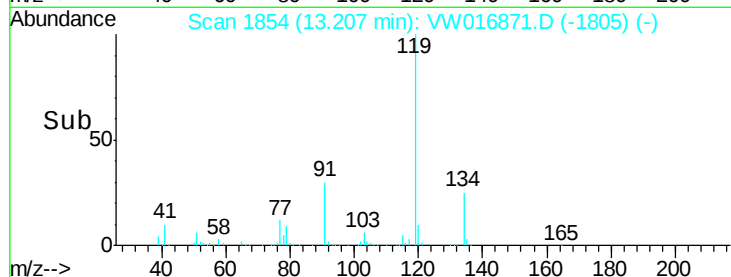
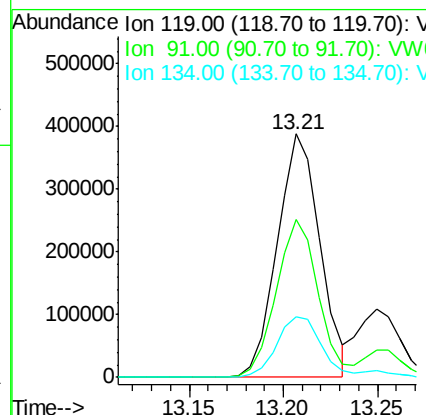
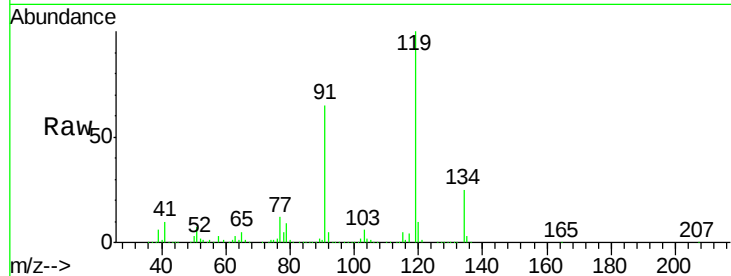
#83
tert-Butylbenzene
Concen: 51.795 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	31.3	93.9
134	26.0	14.0	42.0

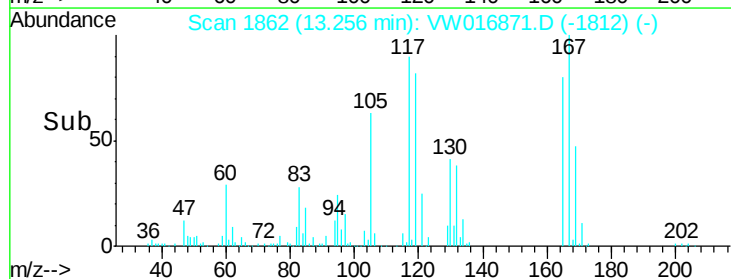
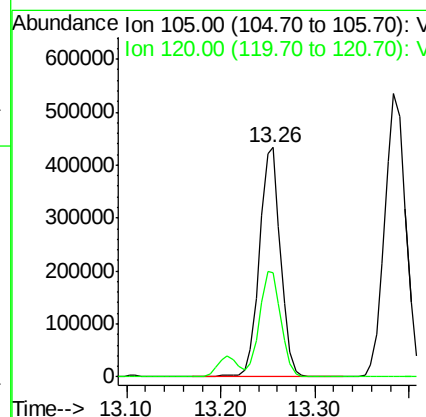
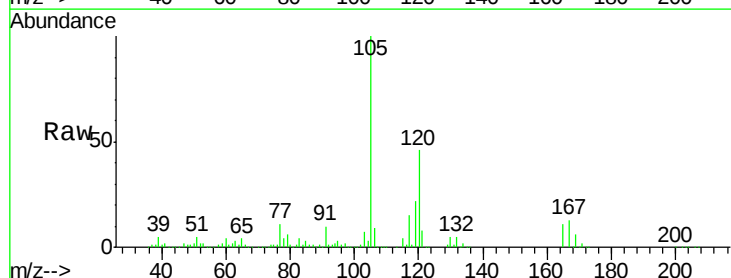
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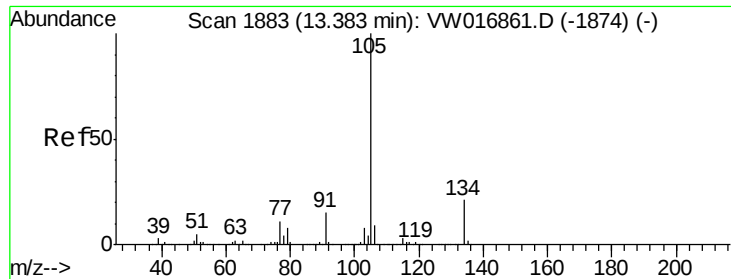
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#84
1,2,4-Trimethylbenzene
Concen: 50.971 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.0





#85

sec-Butylbenzene

Concen: 50.800 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 828324

Ion Ratio Lower Upper

105 100

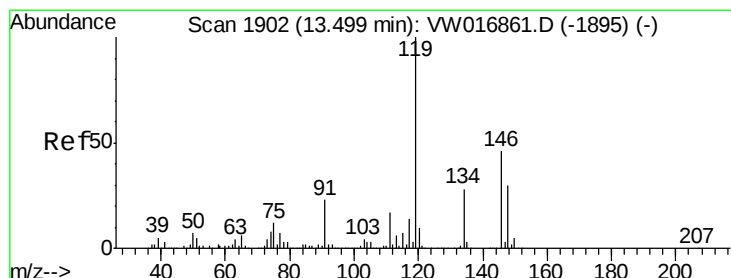
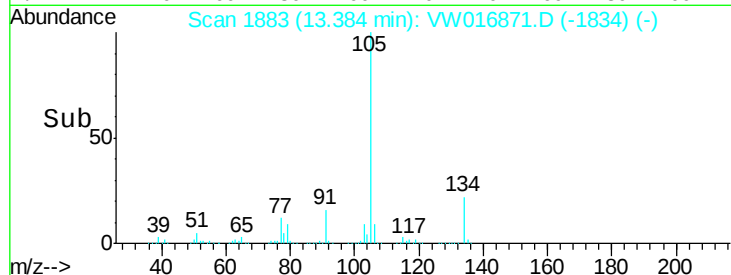
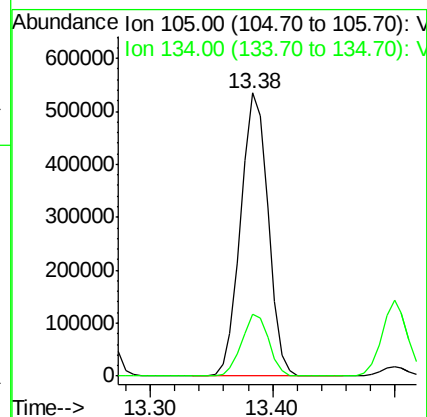
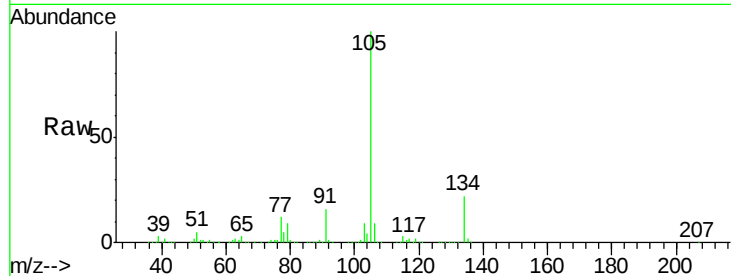
134 21.4 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 51.429 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

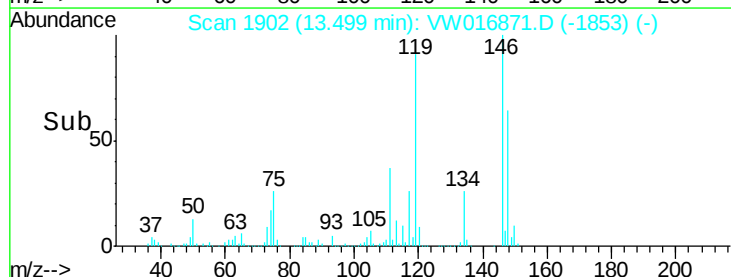
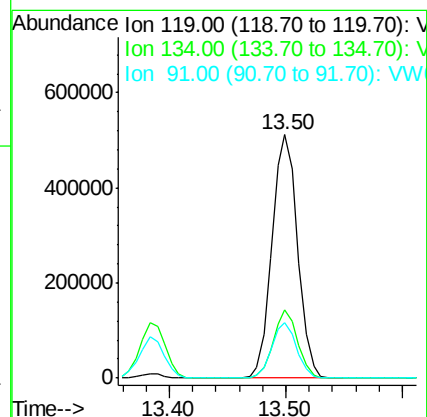
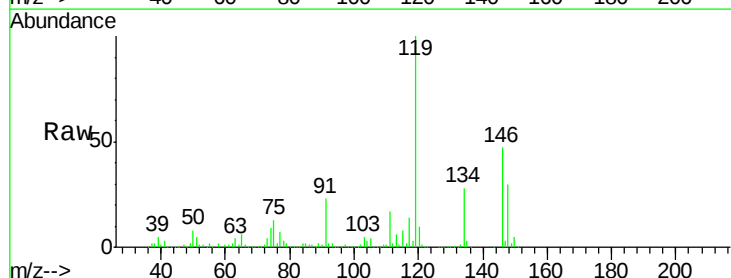
Tgt Ion:119 Resp: 780862

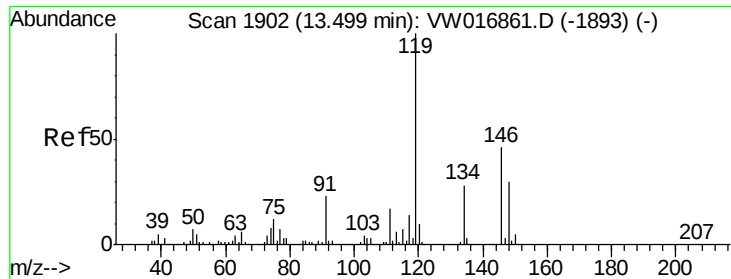
Ion Ratio Lower Upper

119 100

134 26.7 13.8 41.3

91 22.2 11.3 33.9





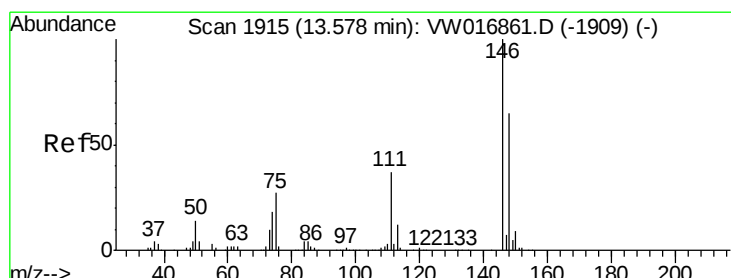
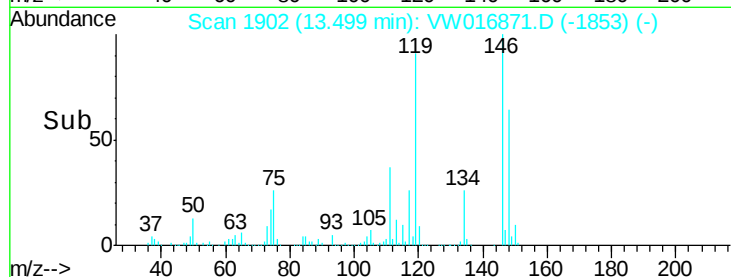
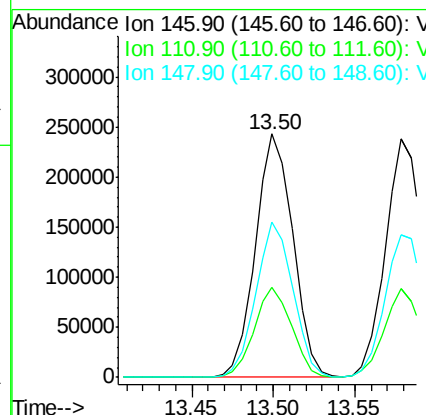
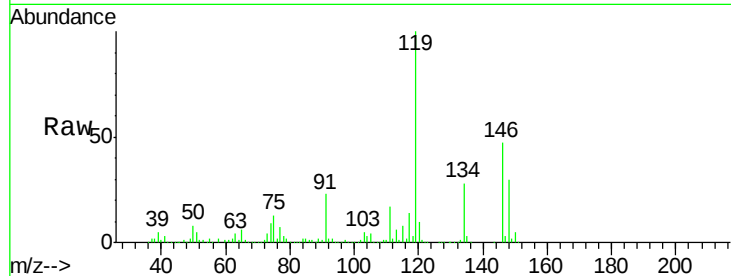
#87
 1,3-Dichlorobenzene
 Concen: 50.584 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	389159		
111	36.8	19.1	57.5	
148	63.1	32.5	97.4	

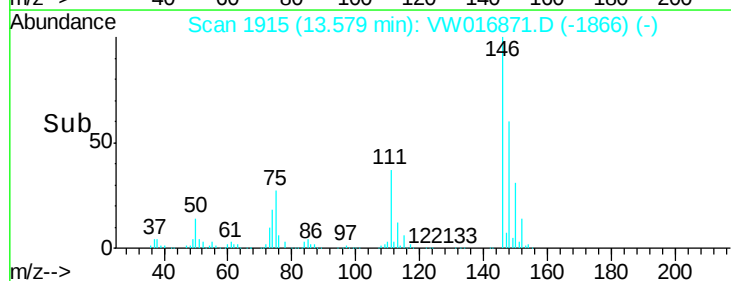
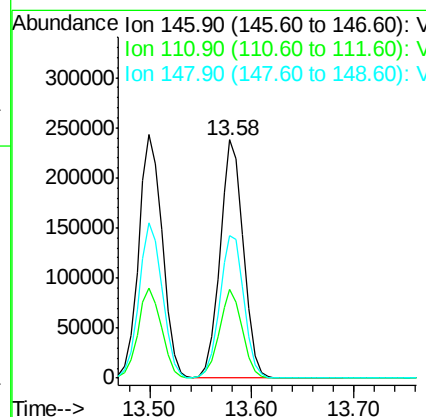
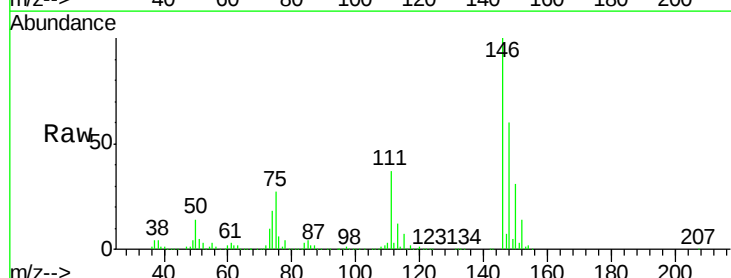
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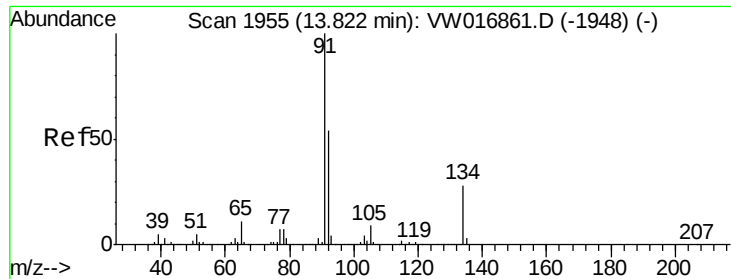
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#88
 1,4-Dichlorobenzene
 Concen: 50.156 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	380247		
111	36.7	18.5	55.5	
148	62.1	31.8	95.4	





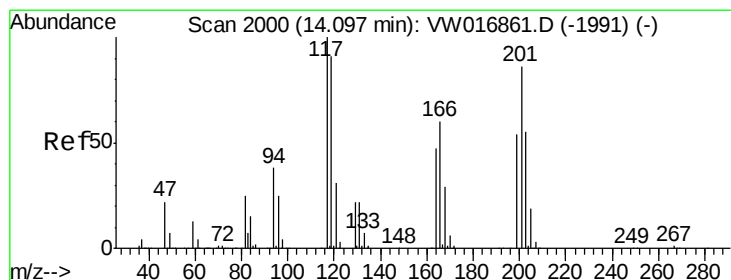
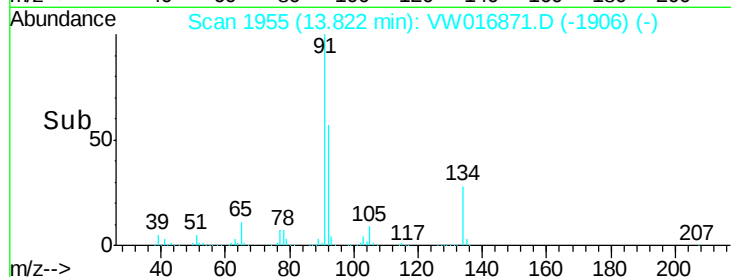
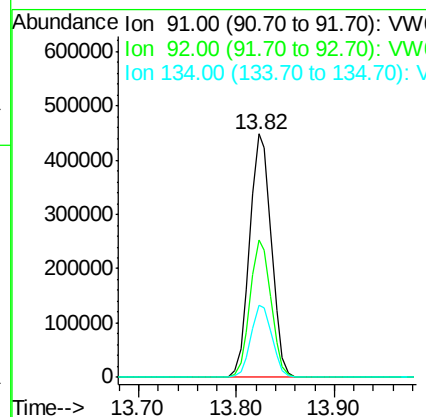
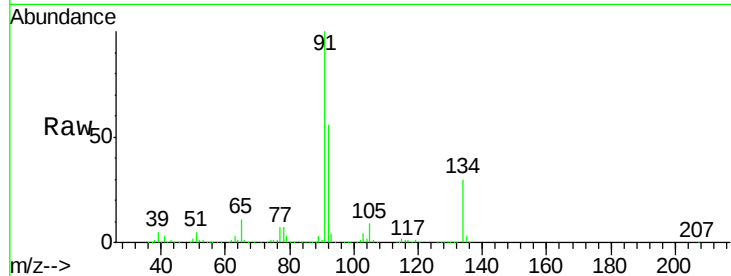
#89
n-Butylbenzene
Concen: 50.068 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	26.6	79.7
134	29.0	14.3	42.9

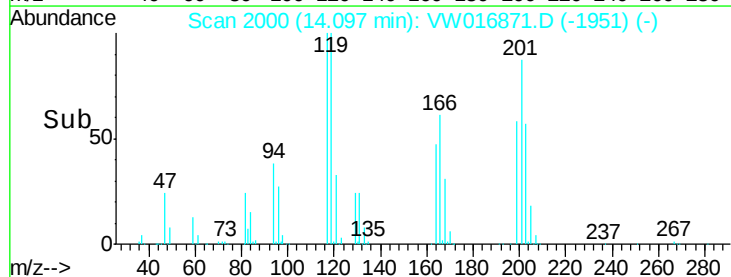
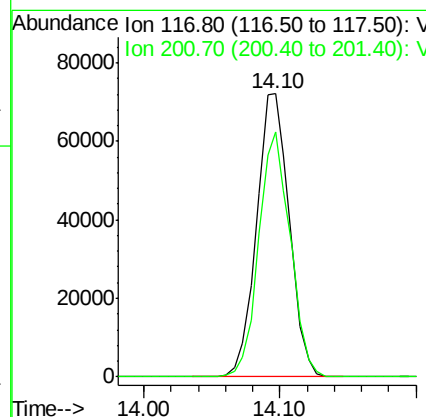
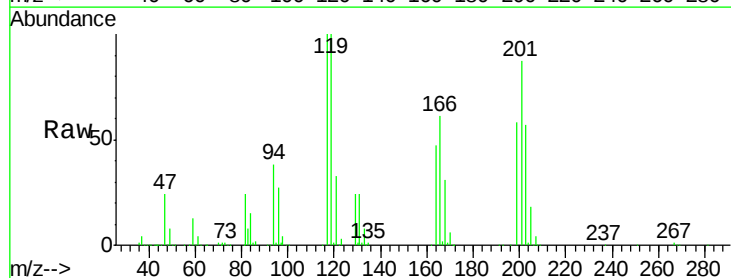
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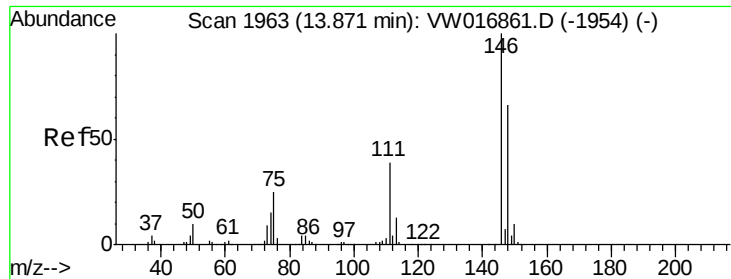
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#90
Hexachloroethane
Concen: 52.051 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.1	41.9	125.7





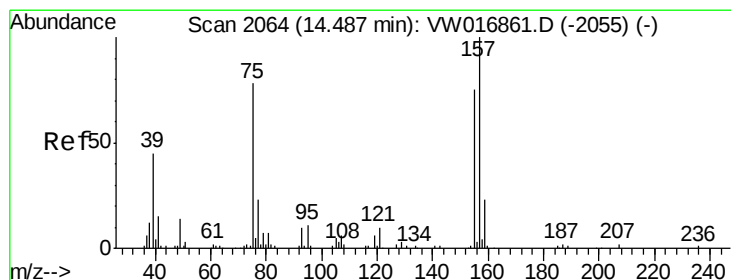
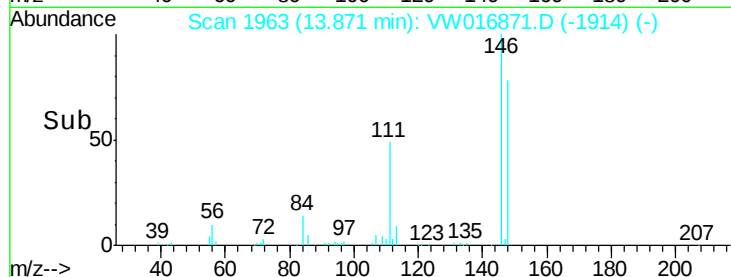
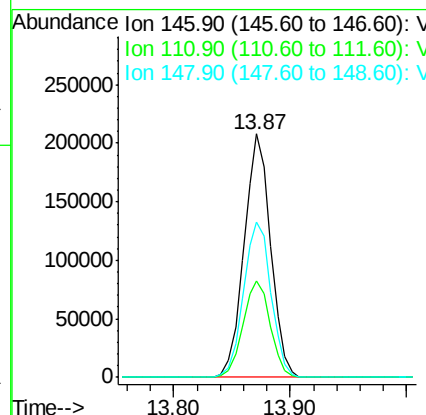
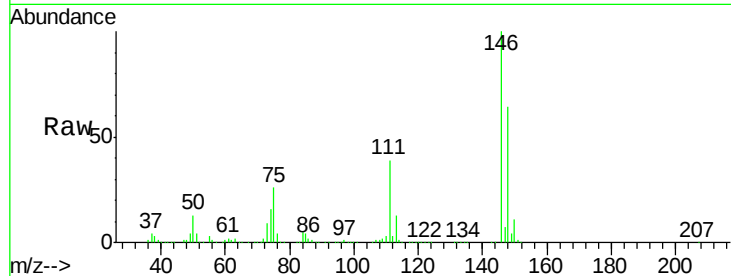
#91
 1,2-Dichlorobenzene
 Concen: 49.733 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.3
148	66.3	33.1	99.3

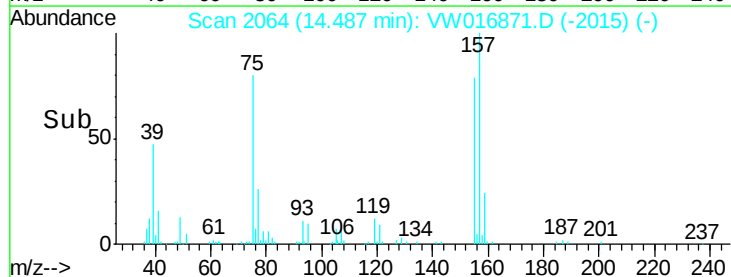
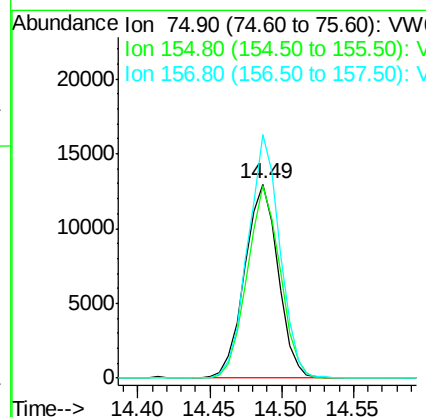
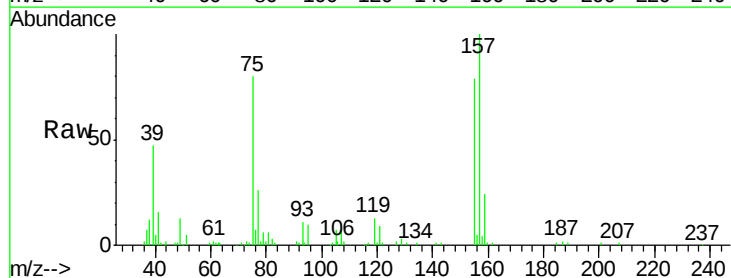
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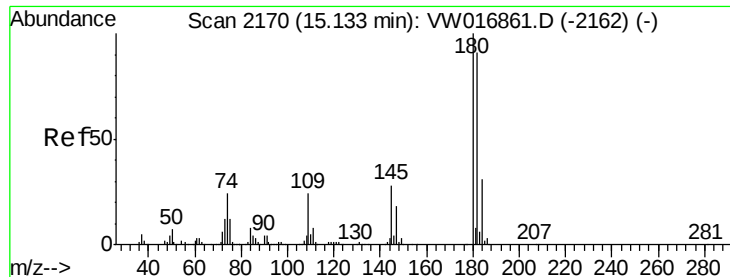
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.837 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	47.6	142.8
157	119.6	62.2	186.6





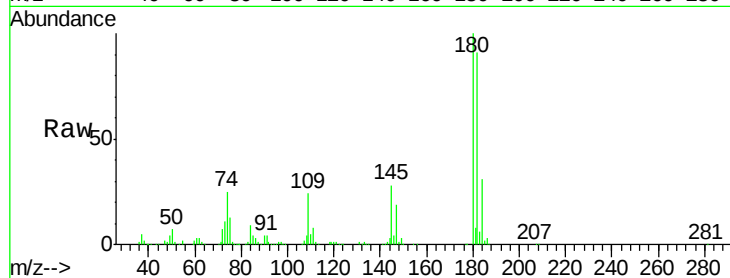
#93
 1,2,4-Trichlorobenzene
 Concen: 53.567 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

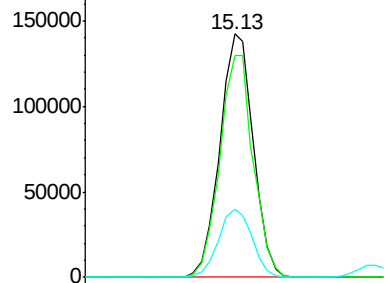
Tot Ion	Ratio	Resp	Lower	Upper
180	100	245339		
182	91.4	48.3	144.9	
145	28.3	14.9	44.5	

Manual Integrations
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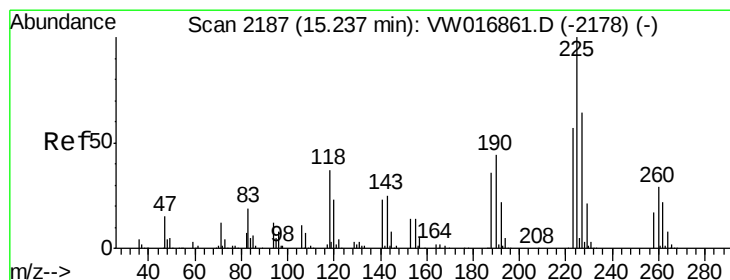
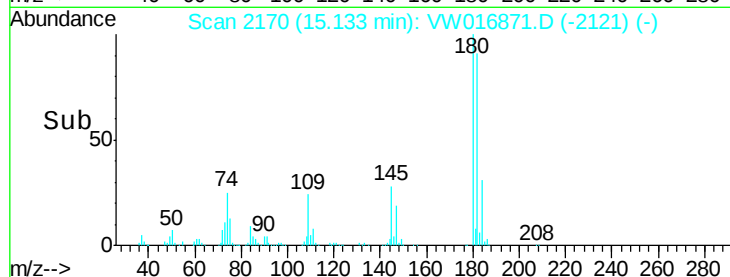
MMDadoda
 10/12/2020 4:20:58 PM



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

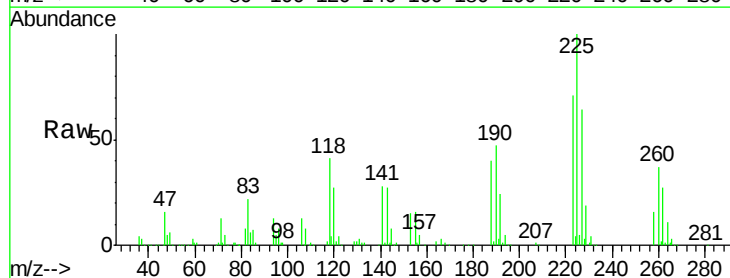


Time-->

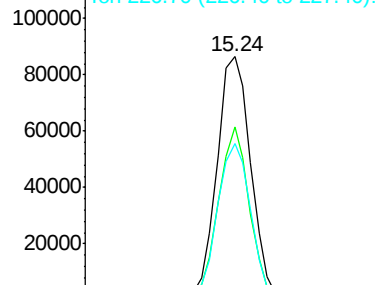


#94
 Hexachlorobutadiene
 Concen: 51.031 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

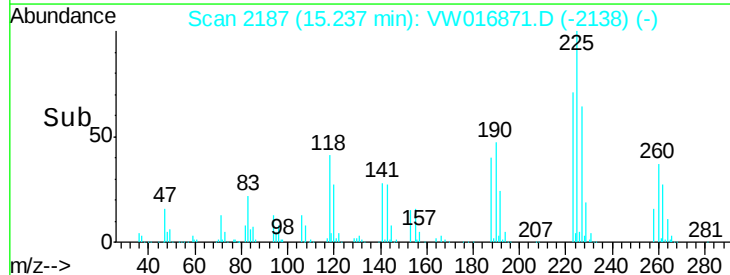
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	151511		
223	65.8	31.9	95.7	
227	63.7	33.0	99.0	

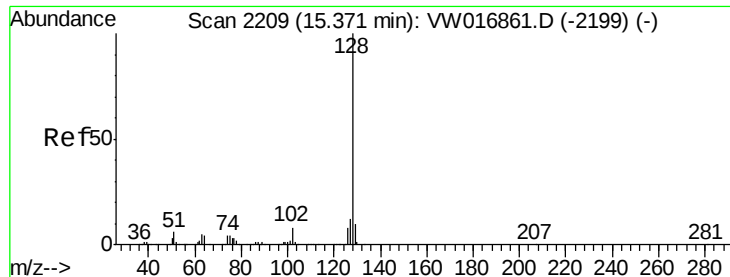


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





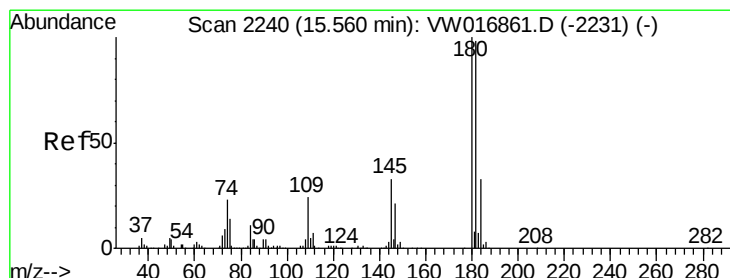
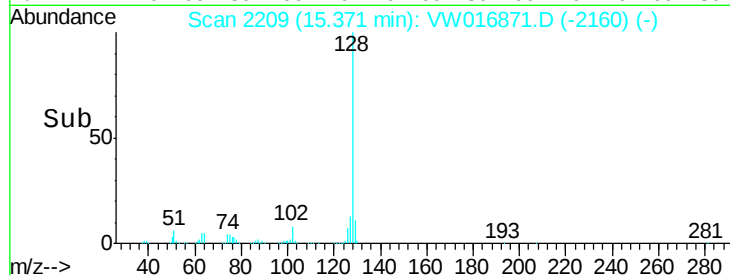
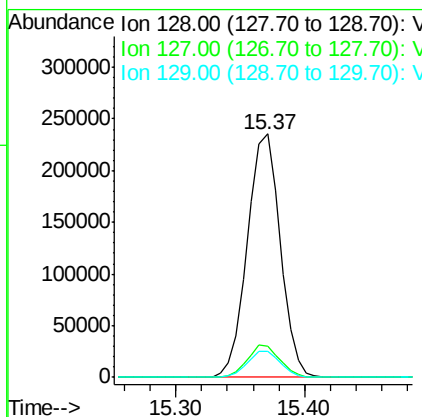
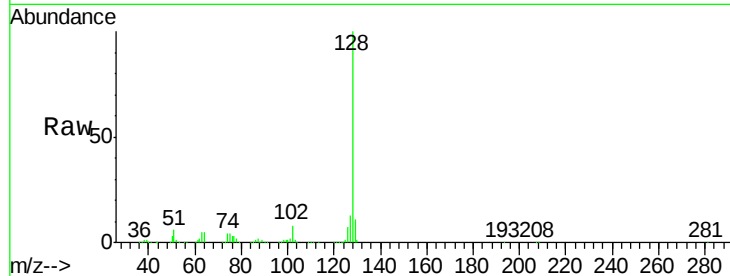
#95
Naphthalene
Concen: 55.937 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.929 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	49.4	148.2
145	31.3	16.3	48.9

