

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
 Data File : VD068471.D
 Acq On : 01 Mar 2021 10:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Mar 01 20:44:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	367829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	607913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	551507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	257288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	179700	48.90	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.80%		
35) Dibromofluoromethane	7.914	113	191885	52.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.80%		
50) Toluene-d8	10.344	98	750179	51.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.86%		
62) 4-Bromofluorobenzene	12.632	95	246457	52.43	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.86%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	174025	48.75	ug/l	96
3) Chloromethane	2.209	50	207704	46.04	ug/l	94
4) Vinyl Chloride	2.350	62	260986	48.72	ug/l	99
5) Bromomethane	2.768	94	169552	44.45	ug/l	98
6) Chloroethane	2.926	64	159817	46.14	ug/l	97
7) Trichlorofluoromethane	3.274	101	298426	48.84	ug/l	97
8) Diethyl Ether	3.709	74	83305	45.79	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	185247	49.76	ug/l	95
10) Methyl Iodide	4.297	142	193368	43.78	ug/l	93
11) Tert butyl alcohol	5.226	59	44492	226.74	ug/l	99
12) 1,1-Dichloroethene	4.068	96	177619	48.08	ug/l	99
13) Acrolein	3.926	56	58582	208.89	ug/l	100
14) Allyl chloride	4.721	41	220546	46.24	ug/l	98
15) Acrylonitrile	5.420	53	170974	222.67	ug/l	99
16) Acetone	4.156	43	166409	285.06	ug/l	94
17) Carbon Disulfide	4.409	76	577973	47.76	ug/l	99
18) Methyl Acetate	4.715	43	67895	45.12	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	368966	46.07	ug/l #	89
20) Methylene Chloride	4.968	84	201653	45.85	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	205314	46.55	ug/l	94
22) Diisopropyl ether	6.367	45	483860	46.07	ug/l #	92
23) Vinyl Acetate	6.309	43	1252281	229.81	ug/l	100
24) 1,1-Dichloroethane	6.262	63	334421	46.45	ug/l	99
25) 2-Butanone	7.214	43	192478	229.37	ug/l	98
26) 2,2-Dichloropropane	7.209	77	302602	50.45	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	224261	46.31	ug/l	96
28) Bromochloromethane	7.550	49	137925	49.08	ug/l	83
29) Tetrahydrofuran	7.562	42	121552	223.08	ug/l	98
30) Chloroform	7.714	83	350993	46.17	ug/l	94
31) Cyclohexane	7.985	56	309719	46.34	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	312011	48.08	ug/l	97
36) 1,1-Dichloropropene	8.114	75	285498	49.41	ug/l	98
37) Ethyl Acetate	7.291	43	89447	46.65	ug/l	95
38) Carbon Tetrachloride	8.097	117	277245	51.06	ug/l	98
39) Methylcyclohexane	9.356	83	375652	52.71	ug/l	98
40) Benzene	8.356	78	801321	48.34	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	57524m	51.69	ug/l	
42) 1,2-Dichloroethane	8.426	62	200792	46.07	ug/l	99
43) Isopropyl Acetate	8.456	43	166878	47.36	ug/l	100
44) Trichloroethene	9.114	130	224992	49.45	ug/l	95
45) 1,2-Dichloropropane	9.391	63	191260	48.27	ug/l	100
46) Dibromomethane	9.479	93	100731	46.73	ug/l	95
47) Bromodichloromethane	9.667	83	267818	48.03	ug/l	99
48) Methyl methacrylate	9.456	41	85645	45.60	ug/l	93
49) 1,4-Dioxane	9.456	88	23996	976.07	ug/l	92
51) 4-Methyl-2-Pentanone	10.232	43	435529	236.20	ug/l	100
52) Toluene	10.403	92	522745	49.38	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	250658	48.64	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	301239	47.91	ug/l	100
55) 1,1,2-Trichloroethane	10.803	97	141317	47.37	ug/l	94
56) Ethyl methacrylate	10.661	69	168938	49.27	ug/l	97
57) 1,3-Dichloropropane	10.950	76	243584	46.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	412660	239.87	ug/l	94
59) 2-Hexanone	10.985	43	312119	253.95	ug/l	98
60) Dibromochloromethane	11.144	129	176876	47.89	ug/l	100
61) 1,2-Dibromoethane	11.250	107	135675	46.47	ug/l	98
64) Tetrachloroethene	10.879	164	182318	50.62	ug/l	98
65) Chlorobenzene	11.673	112	543255	48.37	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	199418	51.08	ug/l	97
67) Ethyl Benzene	11.744	91	1008678	50.31	ug/l	98
68) m/p-Xylenes	11.855	106	770170	101.15	ug/l	100
69) o-Xylene	12.185	106	351393	50.11	ug/l	95
70) Styrene	12.197	104	603351	50.31	ug/l	99
71) Bromoform	12.361	173	99501	50.17	ug/l #	99
73) Isopropylbenzene	12.479	105	971275	50.90	ug/l	99
74) N-amyl acetate	12.291	43	159295	49.00	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	155044	47.23	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	111304m	48.73	ug/l	
77) Bromobenzene	12.761	156	208494	47.88	ug/l	90
78) n-propylbenzene	12.820	91	1162768	51.00	ug/l	99
79) 2-Chlorotoluene	12.908	91	622480	49.19	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	799190	51.10	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	50346	51.44	ug/l	95
82) 4-Chlorotoluene	13.002	91	652600	49.01	ug/l	99
83) tert-Butylbenzene	13.220	119	697857	52.41	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	793837	50.68	ug/l	97
85) sec-Butylbenzene	13.402	105	985155	52.37	ug/l	99
86) p-Isopropyltoluene	13.514	119	891985	52.24	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	421442	50.11	ug/l	100
88) 1,4-Dichlorobenzene	13.597	146	410162	49.22	ug/l	99
89) n-Butylbenzene	13.844	91	860636	52.25	ug/l	98
90) Hexachloroethane	14.108	117	186486	54.95	ug/l	93
91) 1,2-Dichlorobenzene	13.891	146	366230	50.77	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	25705	44.42	ug/l	97
93) 1,2,4-Trichlorobenzene	15.161	180	289994	52.04	ug/l	98
94) Hexachlorobutadiene	15.267	225	166766	53.92	ug/l	99
95) Naphthalene	15.396	128	513336	50.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.591	180	240329	49.82	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

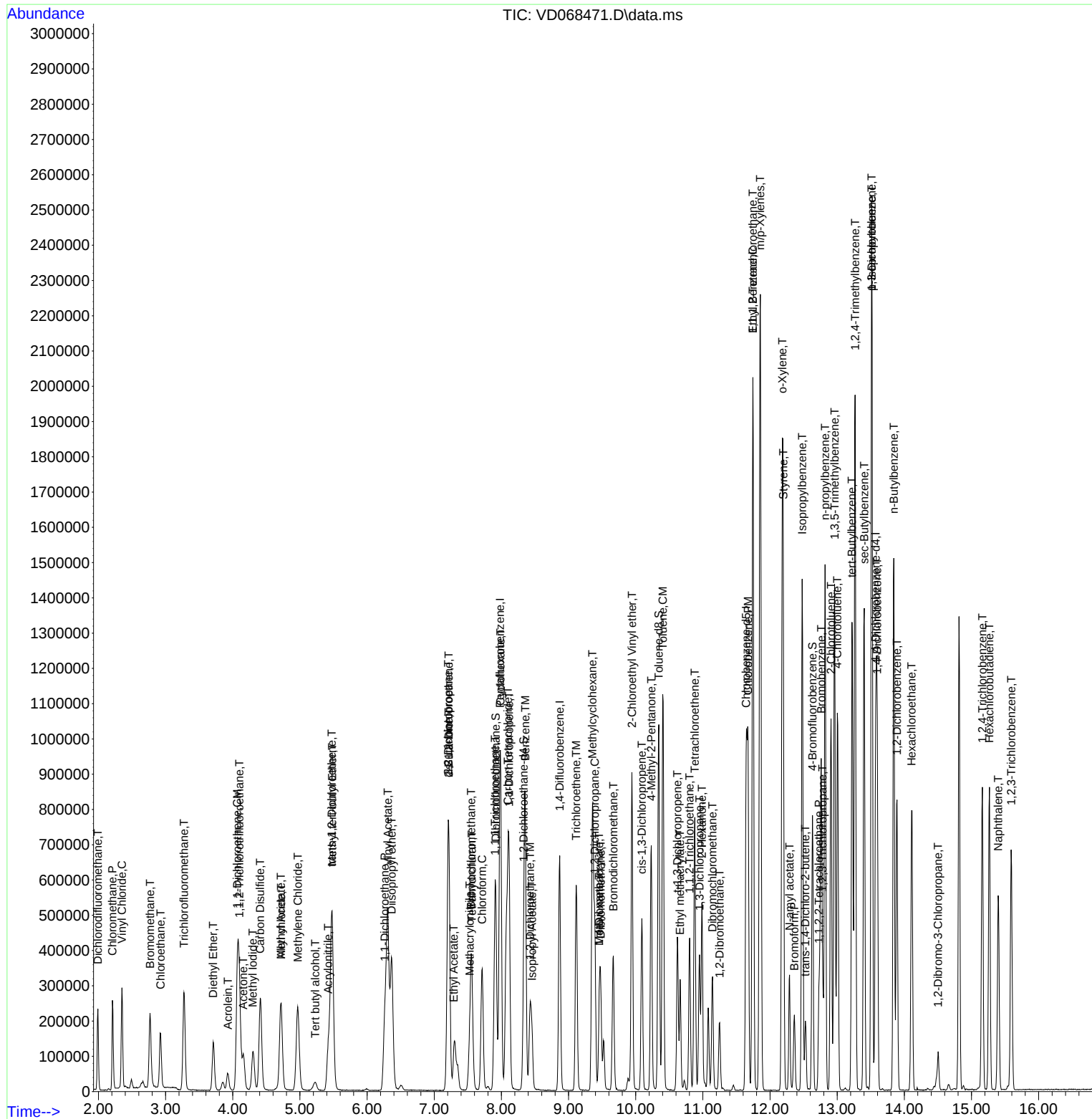
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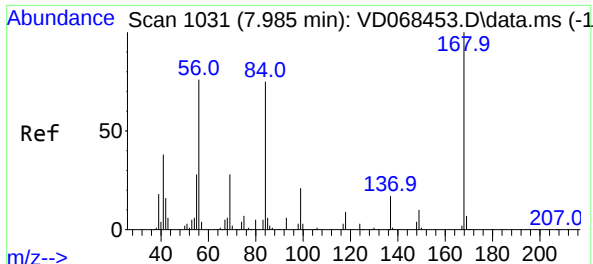
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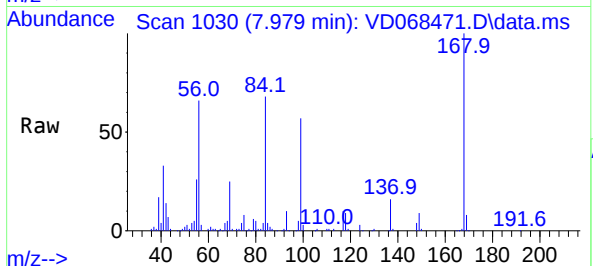
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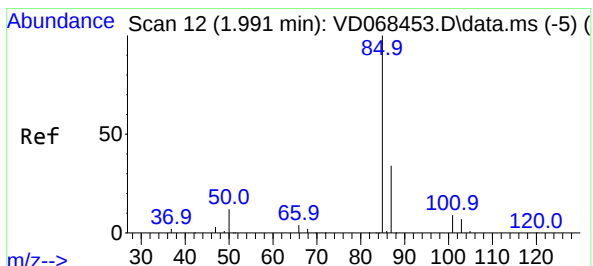
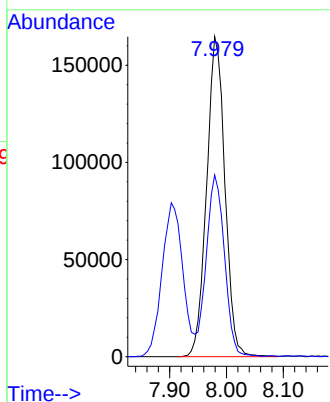
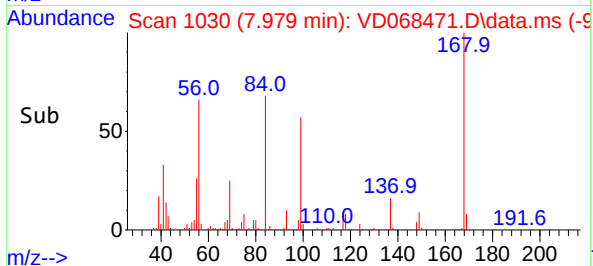




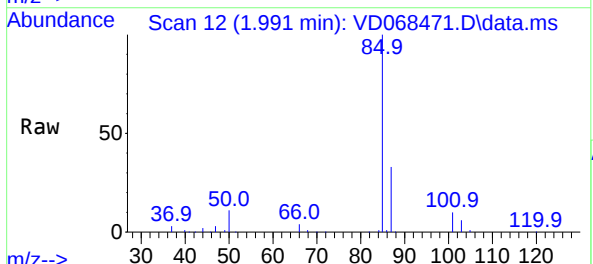
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068471.D
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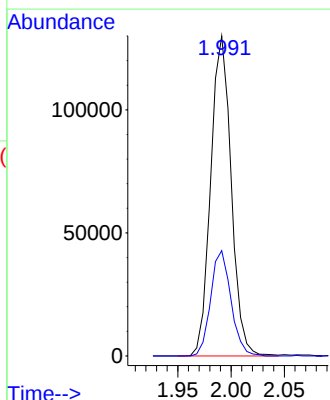
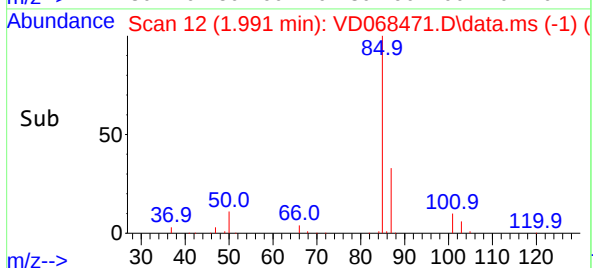
Tgt Ion: 168 Resp: 367829
Ion Ratio Lower Upper
168 100
99 56.7 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 48.75 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



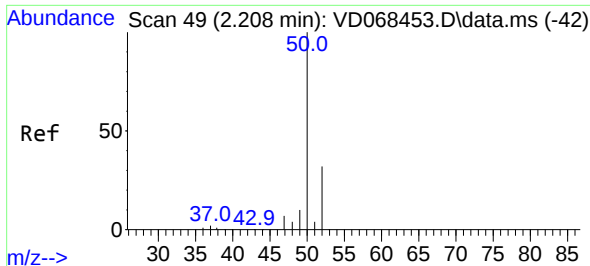
Tgt Ion: 85 Resp: 174025
Ion Ratio Lower Upper
85 100
87 32.9 15.4 46.1



Instrument :
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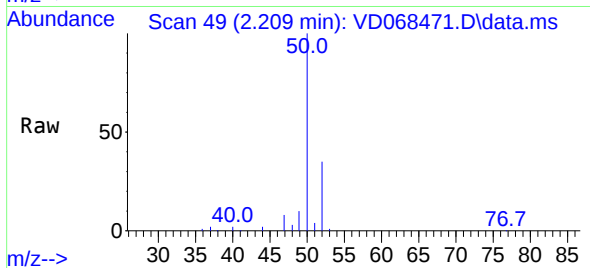
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#3
Chloromethane
Concen: 46.04 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

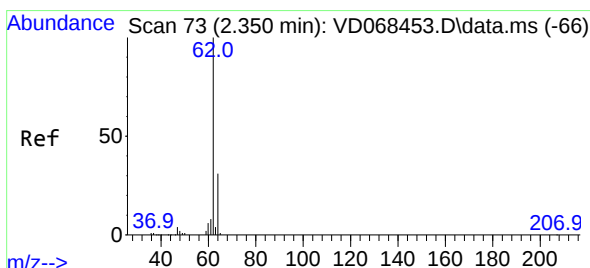
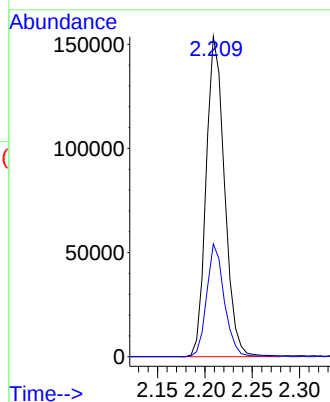
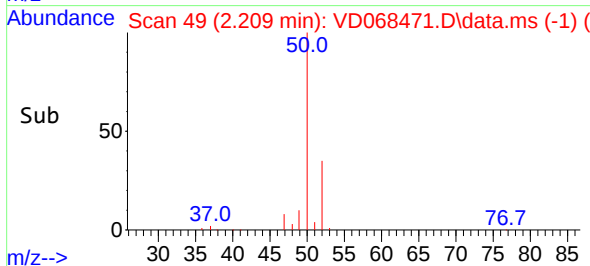
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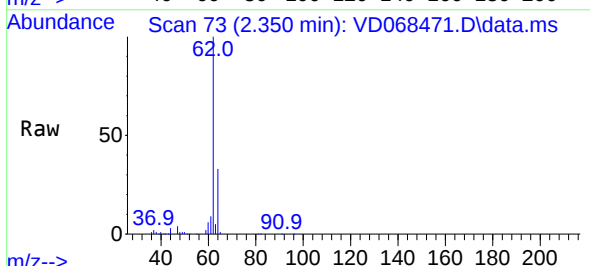
Tgt Ion: 50 Resp: 207704
Ion Ratio Lower Upper
50 100
52 35.3 25.4 38.2

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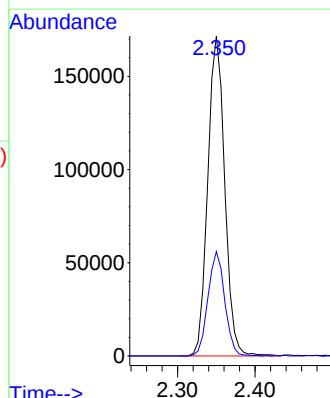
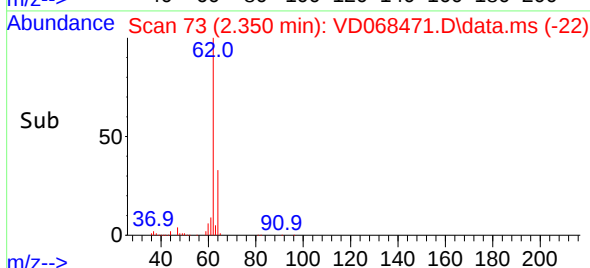
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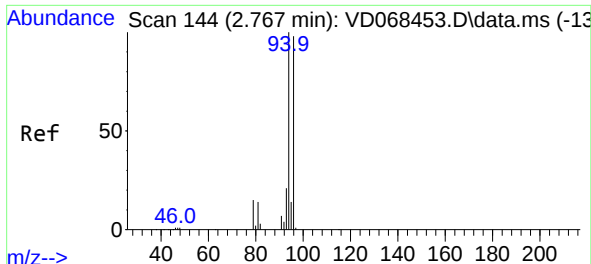


#4
Vinyl Chloride
Concen: 48.72 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



Tgt Ion: 62 Resp: 260986
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.2





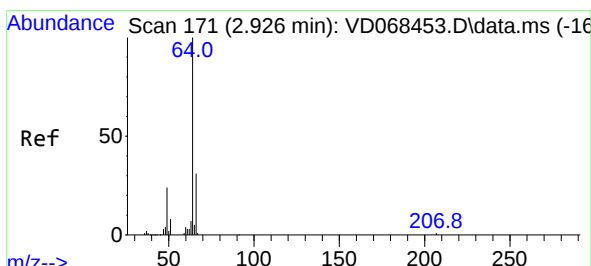
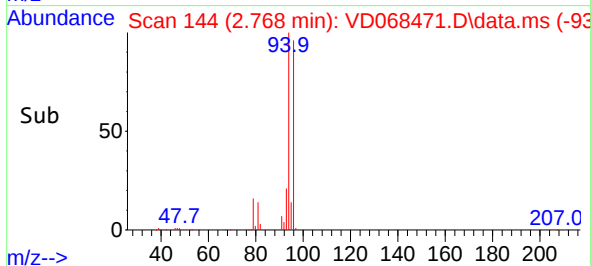
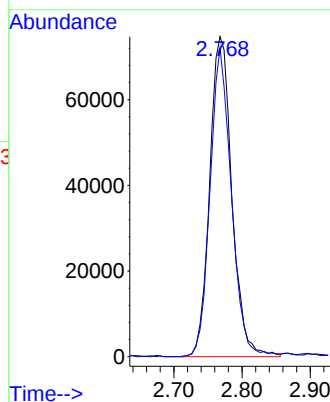
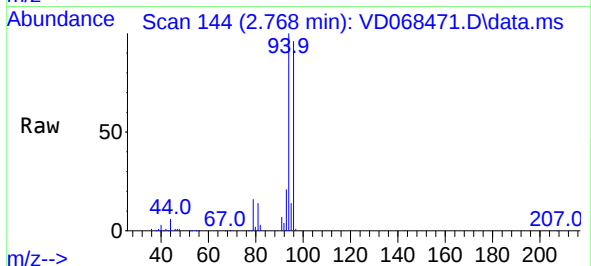
#5
Bromomethane
Concen: 44.45 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 94 Resp: 169552
Ion Ratio Lower Upper
94 100
96 96.4 75.8 113.8

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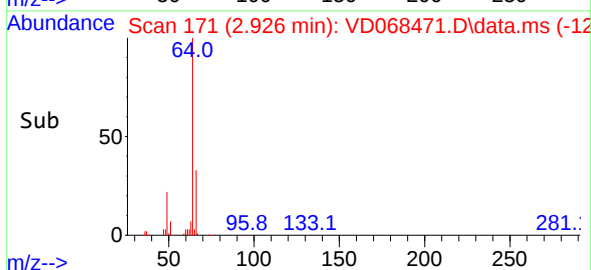
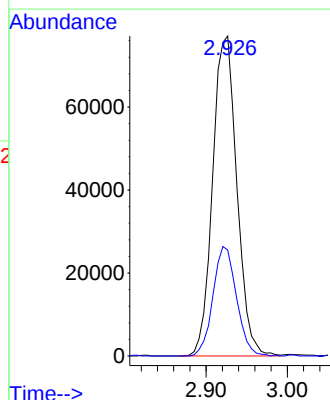
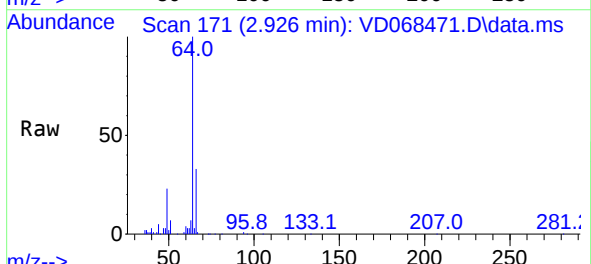
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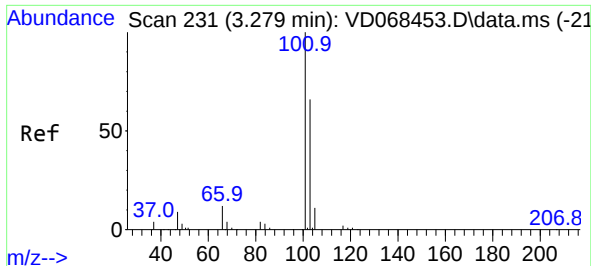
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#6
Chloroethane
Concen: 46.14 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 64 Resp: 159817
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7





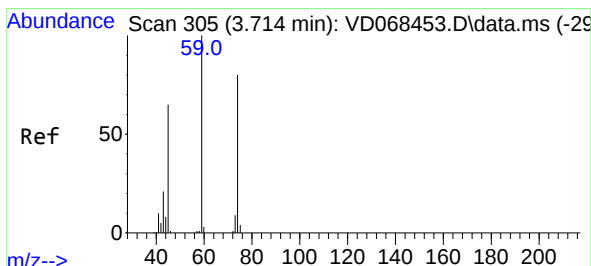
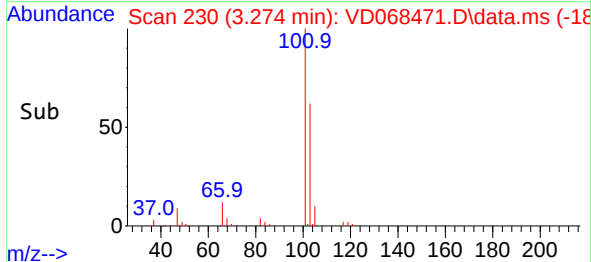
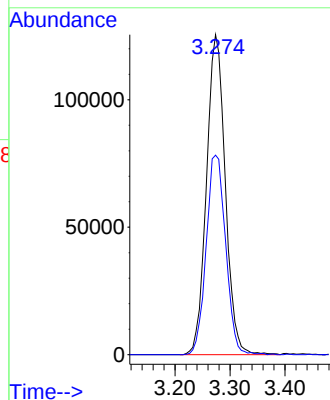
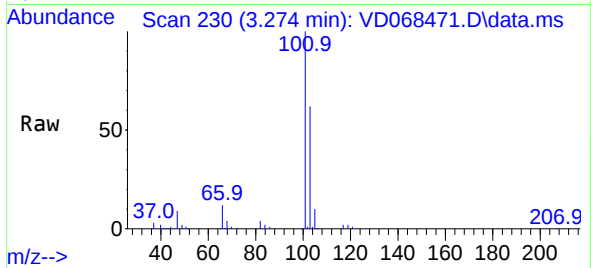
#7
Trichlorofluoromethane
Concen: 48.84 ug/l
RT: 3.274 min Scan# 230
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion:101 Resp: 298426
Ion Ratio Lower Upper
101 100
103 62.4 52.0 78.0

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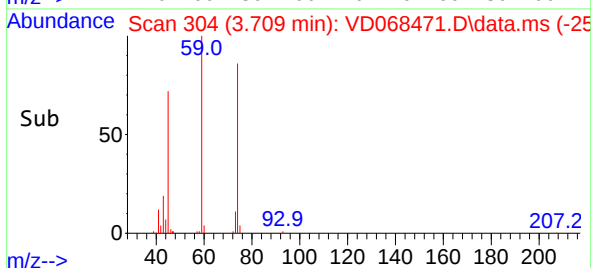
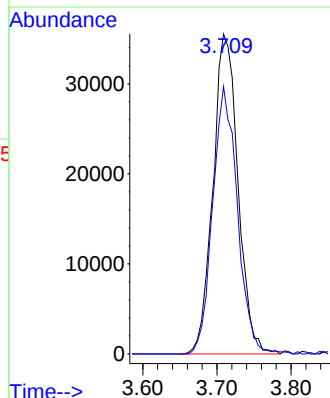
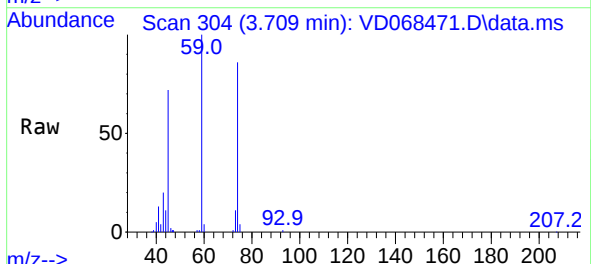
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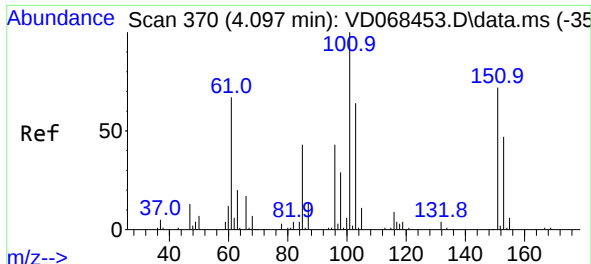
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#8
Diethyl Ether
Concen: 45.79 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 74 Resp: 83305
Ion Ratio Lower Upper
74 100
45 82.6 42.1 126.4





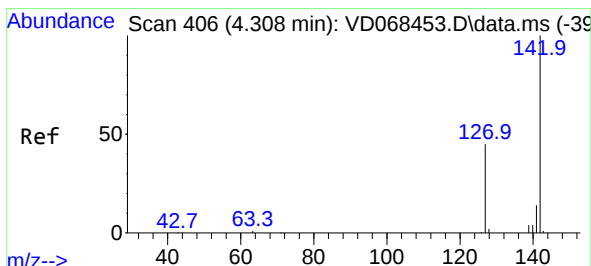
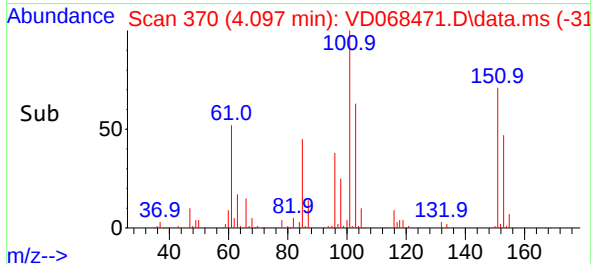
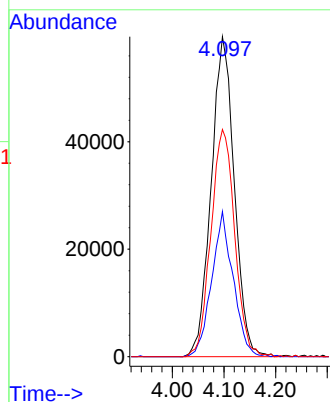
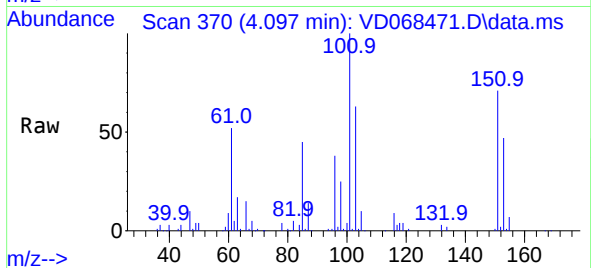
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.76 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion:101 Resp: 185247
Ion Ratio Lower Upper
101 100
85 42.2 34.0 51.0
151 73.0 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
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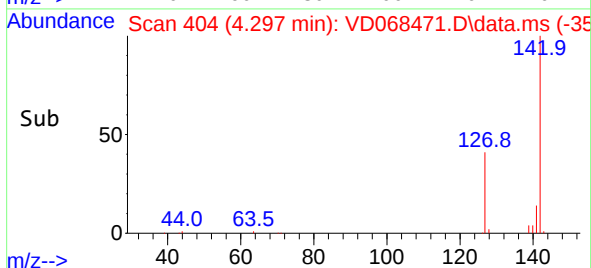
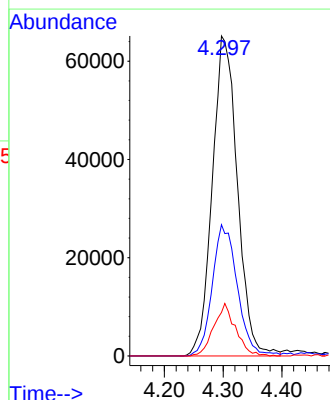
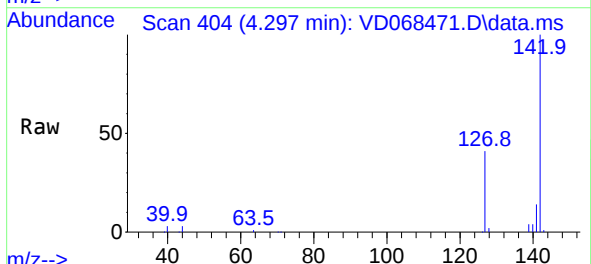
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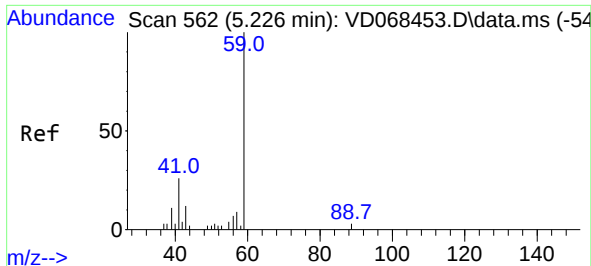
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#10
Methyl Iodide
Concen: 43.78 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion:142 Resp: 193368
Ion Ratio Lower Upper
142 100
127 40.9 37.9 56.9
141 14.3 11.5 17.3





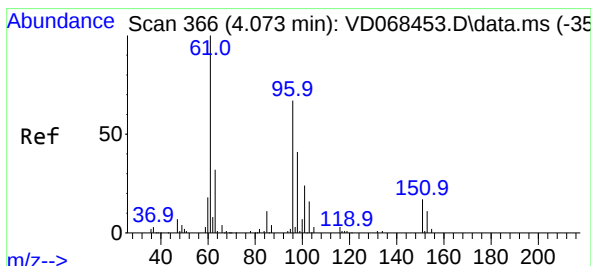
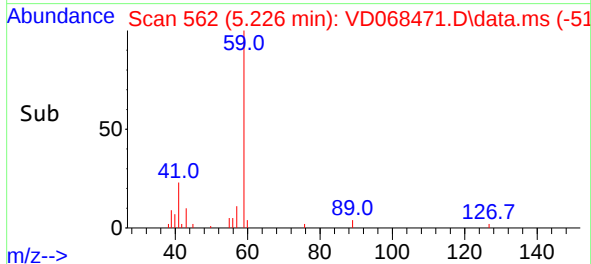
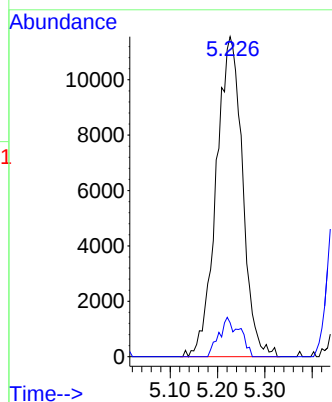
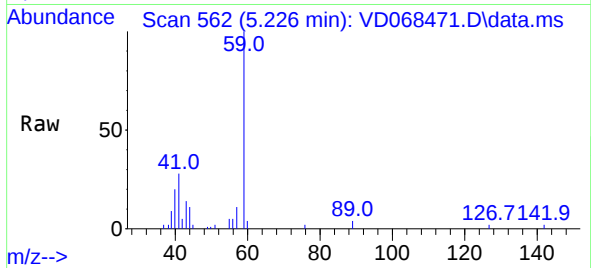
#11
Tert butyl alcohol
Concen: 226.74 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 59 Resp: 44492
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

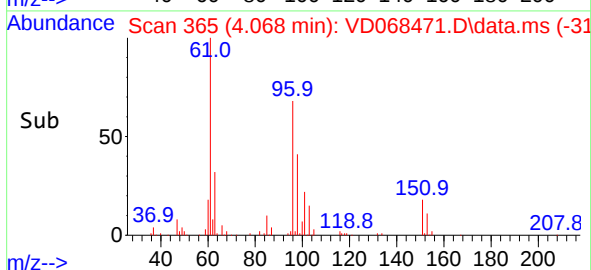
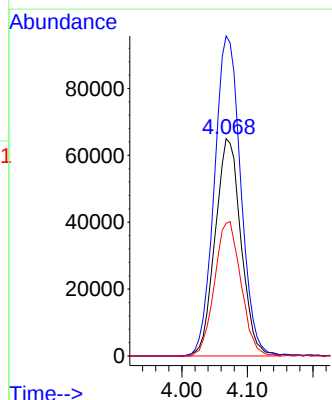
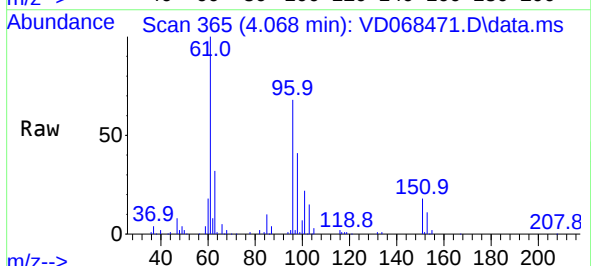
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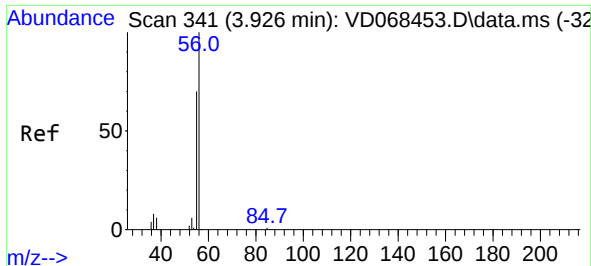
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#12
1,1-Dichloroethene
Concen: 48.08 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 96 Resp: 177619
Ion Ratio Lower Upper
96 100
61 147.3 116.2 174.4
98 61.0 48.6 73.0





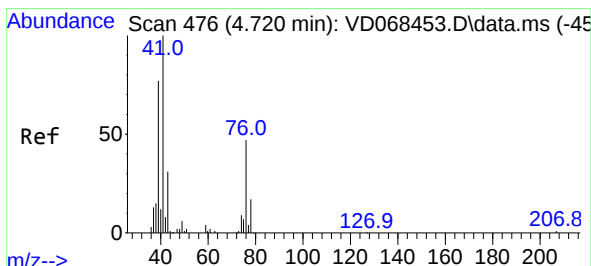
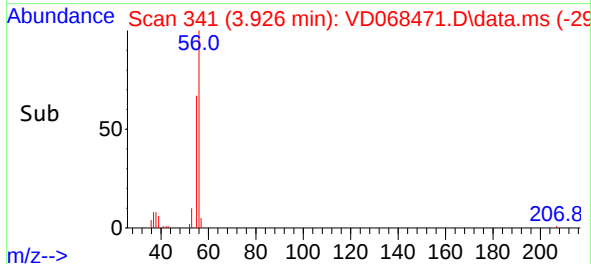
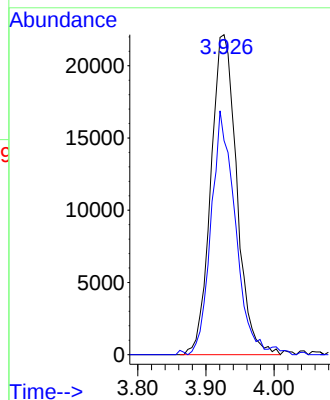
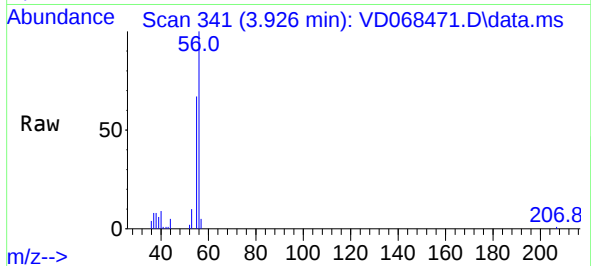
#13
Acrolein
Concen: 208.89 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 56 Resp: 58582
Ion Ratio Lower Upper
56 100
55 70.7 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

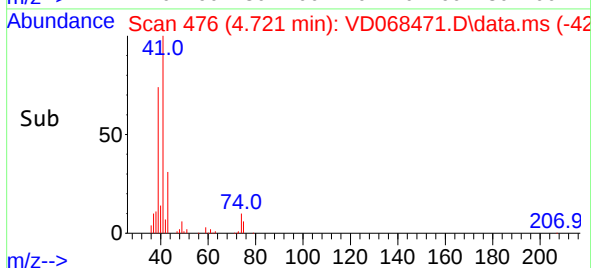
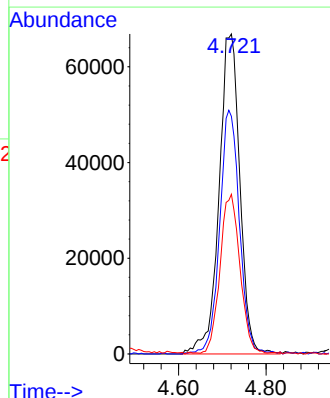
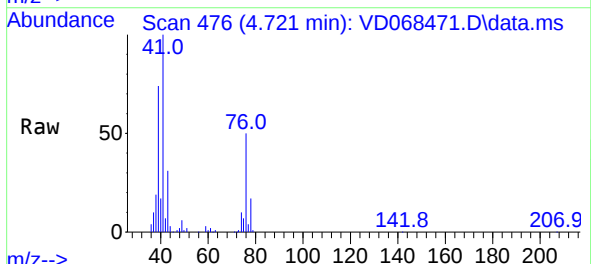
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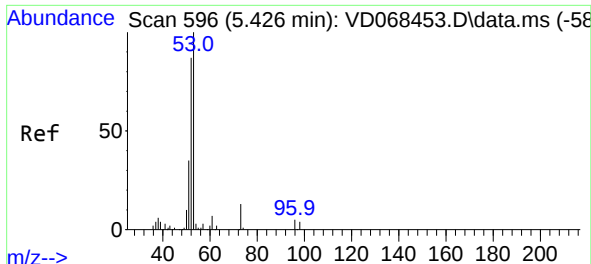
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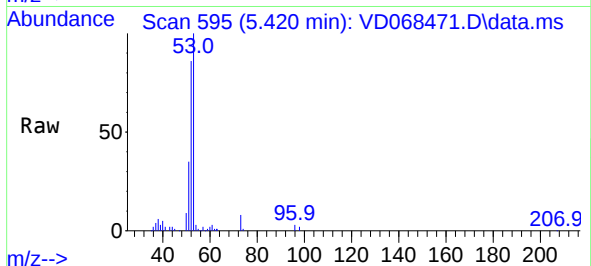
#14
Allyl chloride
Concen: 46.24 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 41 Resp: 220546
Ion Ratio Lower Upper
41 100
39 72.3 56.3 84.5
76 47.2 38.9 58.3

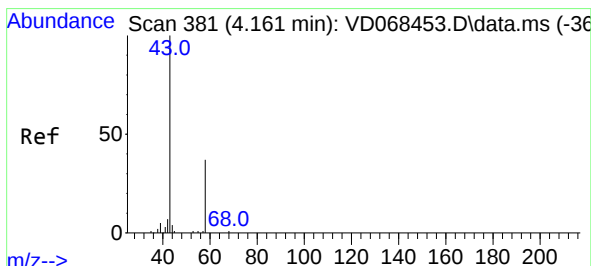
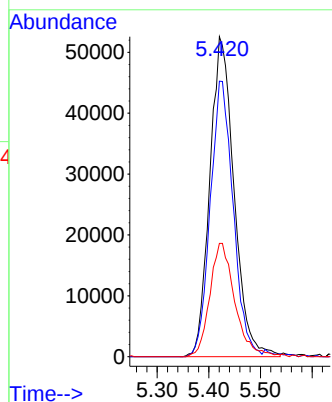
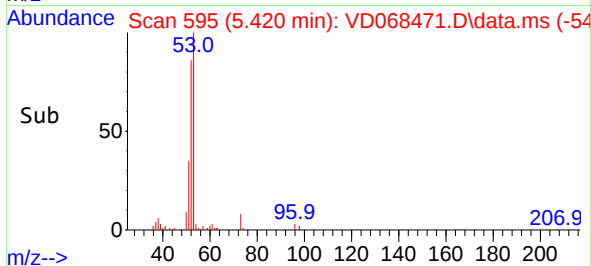




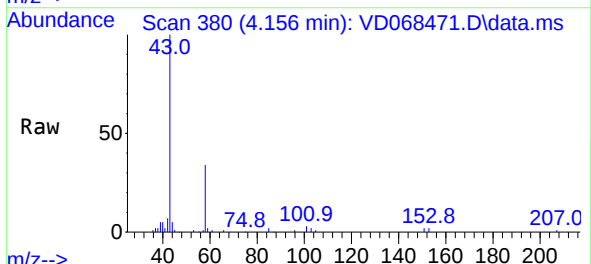
#15
Acrylonitrile
Concen: 222.67 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



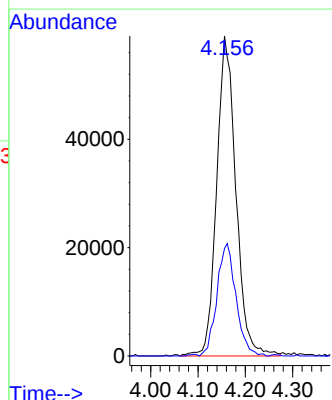
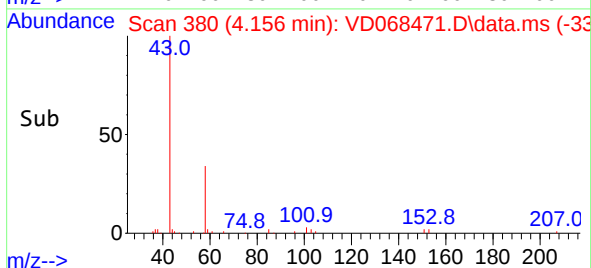
Tgt Ion: 53 Resp: 170974
Ion Ratio Lower Upper
53 100
52 81.5 66.2 99.2
51 36.8 29.0 43.4



#16
Acetone
Concen: 285.06 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



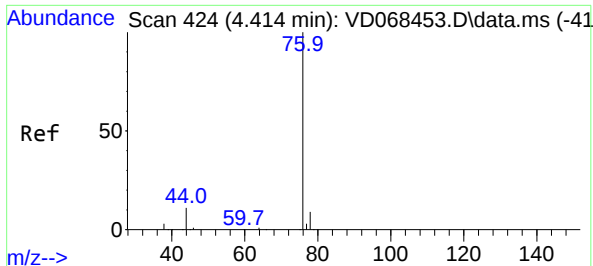
Tgt Ion: 43 Resp: 166409
Ion Ratio Lower Upper
43 100
58 33.6 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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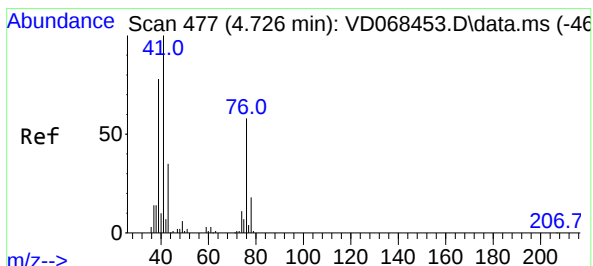
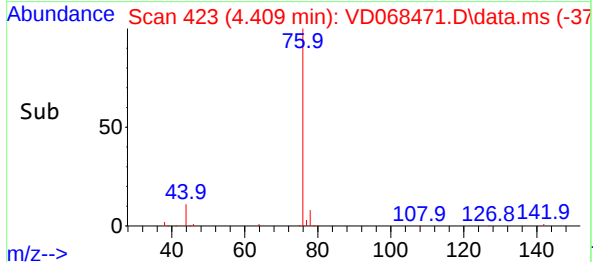
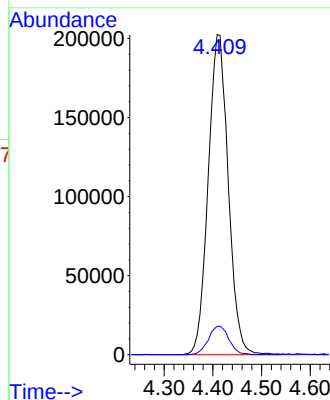
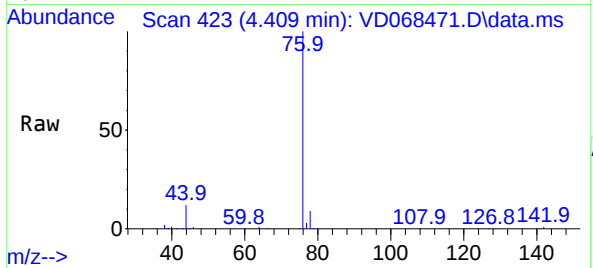
#17
Carbon Disulfide
Concen: 47.76 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 76 Resp: 577973
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

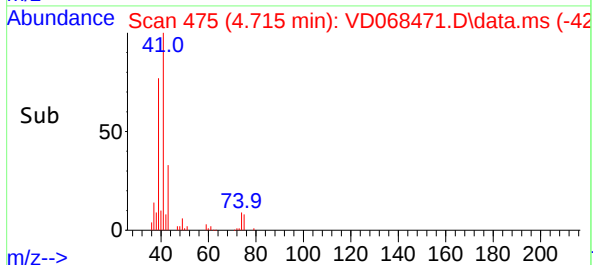
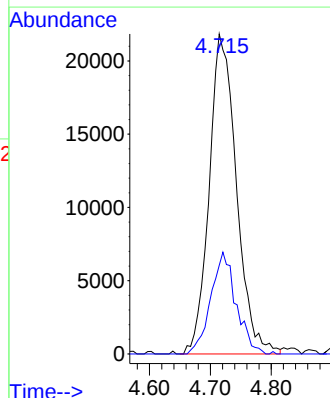
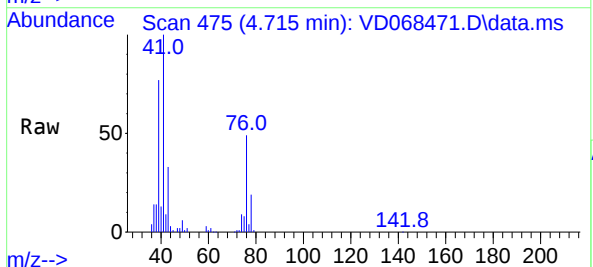
Manual Integrations
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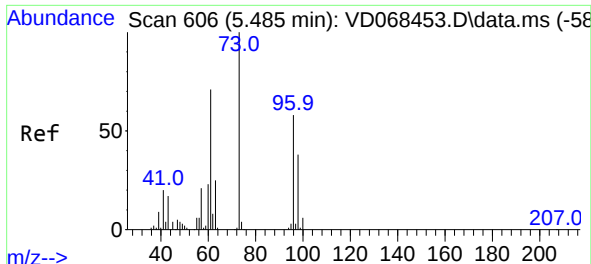
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#18
Methyl Acetate
Concen: 45.12 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.011 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

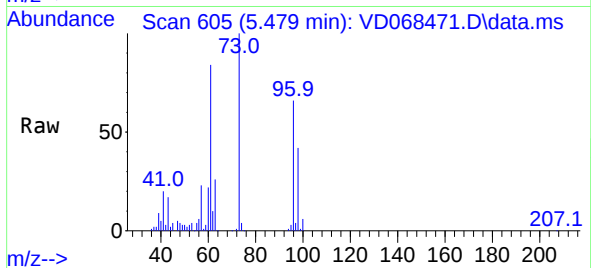
Tgt Ion: 43 Resp: 67895
Ion Ratio Lower Upper
43 100
74 29.5 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 46.07 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

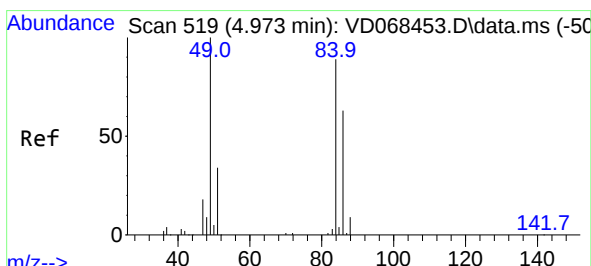
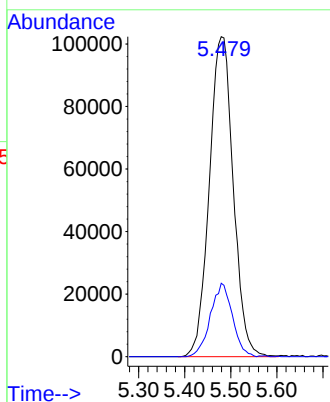
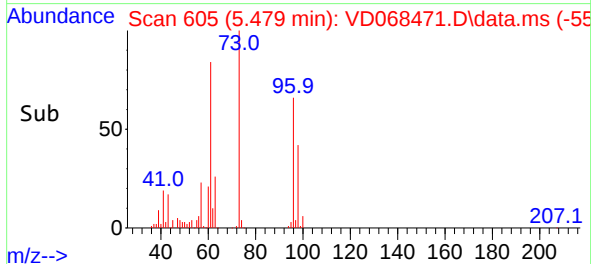
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



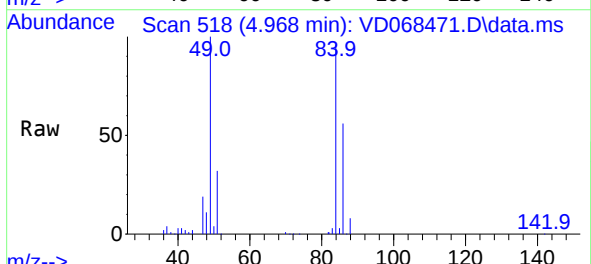
Tgt Ion: 73 Resp: 368966
Ion Ratio Lower Upper
73 100
57 23.0 14.4 21.6#

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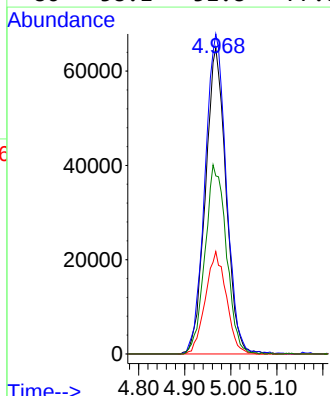
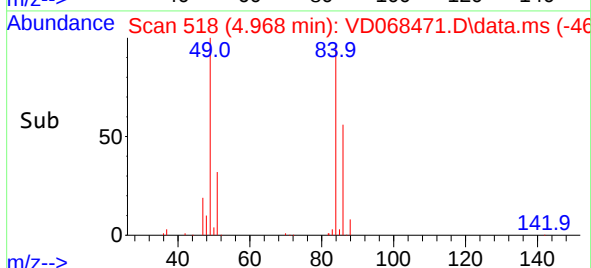
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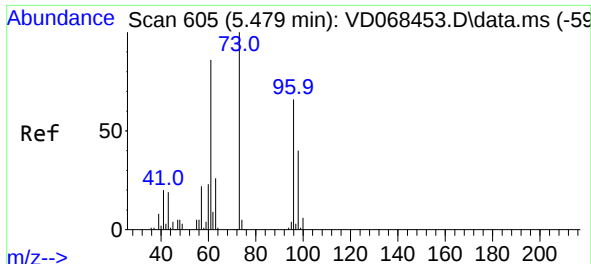


#20
Methylene Chloride
Concen: 45.85 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



Tgt Ion: 84 Resp: 201653
Ion Ratio Lower Upper
84 100
49 104.5 77.4 116.2
51 33.4 26.1 39.1
86 58.1 51.8 77.8





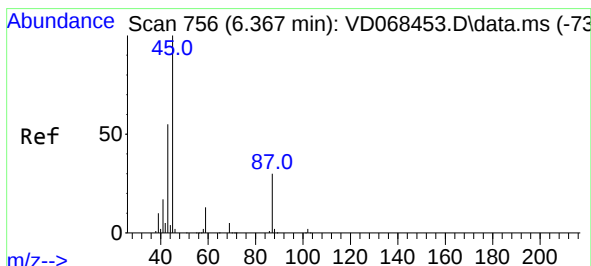
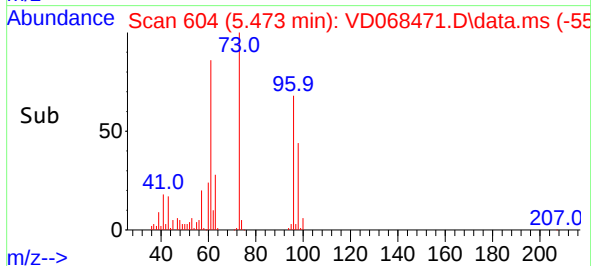
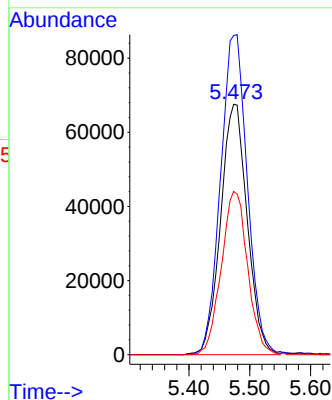
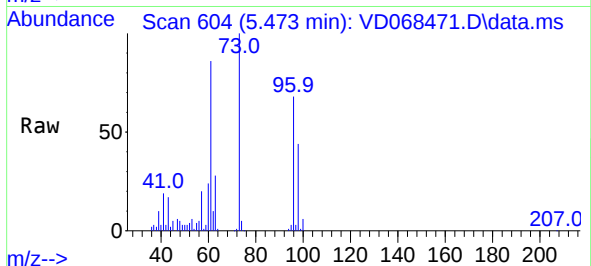
#21
trans-1,2-Dichloroethene
Concen: 46.55 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 96 Resp: 205314
Ion Ratio Lower Upper
96 100
61 127.5 96.7 145.1
98 65.2 47.6 71.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

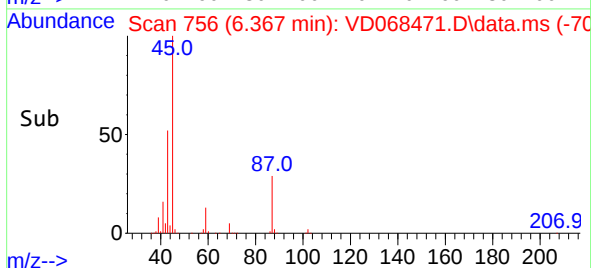
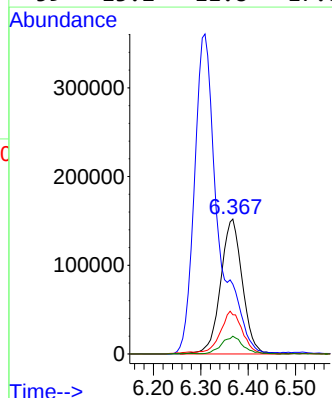
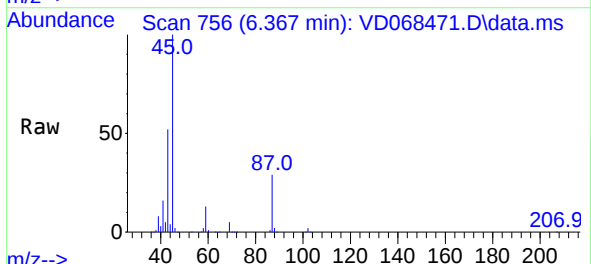
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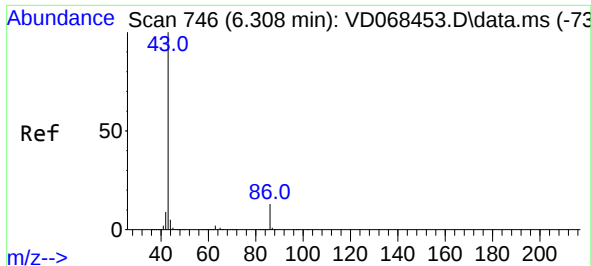
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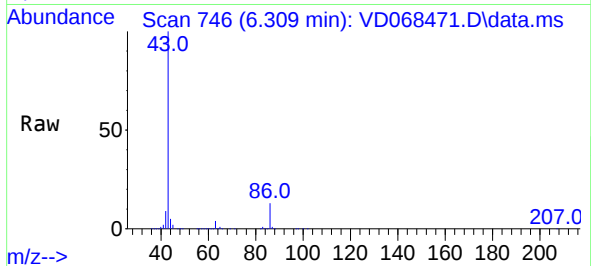
#22
Diisopropyl ether
Concen: 46.07 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 45 Resp: 483860
Ion Ratio Lower Upper
45 100
43 50.9 43.9 65.9
87 29.0 29.9 44.9#
59 13.2 11.8 17.8



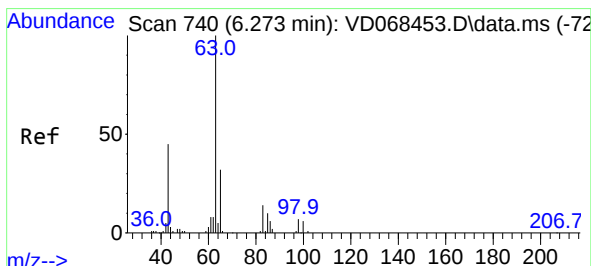
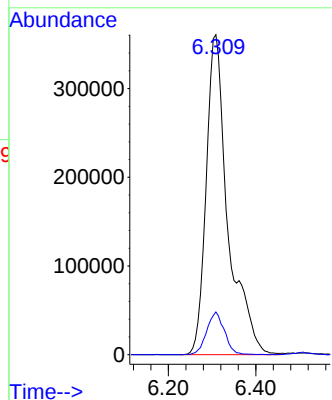
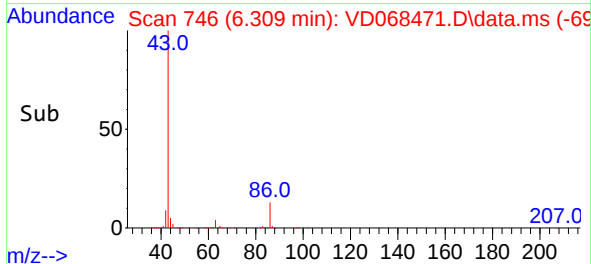


#23
 Vinyl Acetate
 Concen: 229.81 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068471.D
 Acq: 01 Mar 2021 10:23

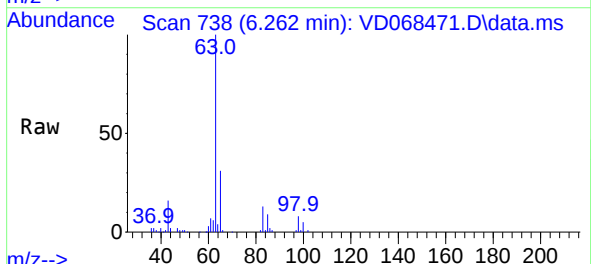


Tgt Ion: 43 Resp: 1252281

Ion	Ratio	Lower	Upper
43	100		
86	13.4	10.8	16.2

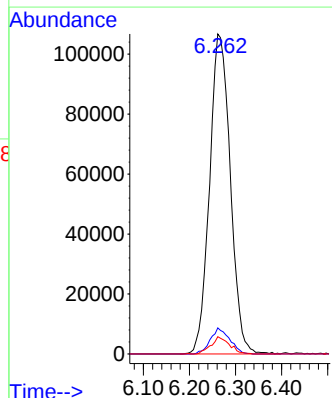
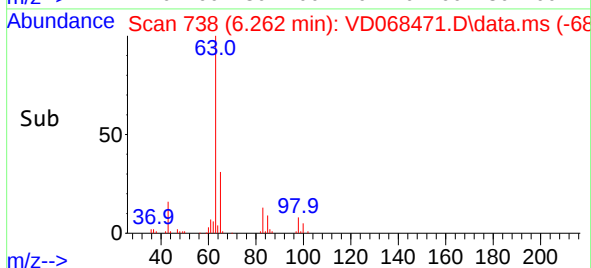


#24
 1,1-Dichloroethane
 Concen: 46.45 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. -0.011 min
 Lab File: VD068471.D
 Acq: 01 Mar 2021 10:23



Tgt Ion: 63 Resp: 334421

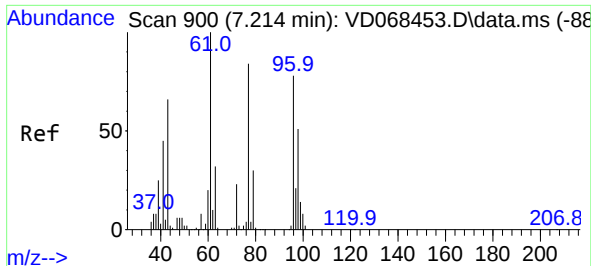
Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.8	11.4
100	5.4	2.6	8.0



Instrument :
 MSVOA_D
 ClientSampleId :
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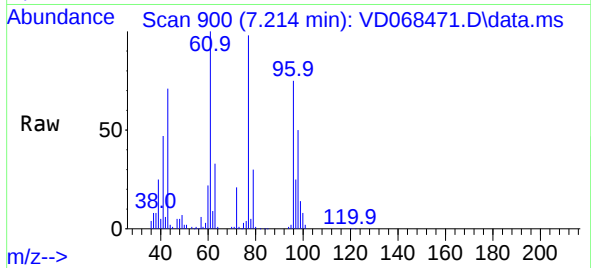
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#25
2-Butanone
Concen: 229.37 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

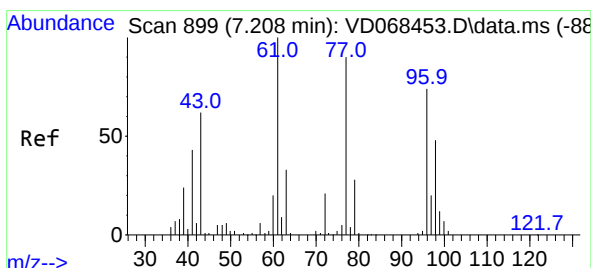
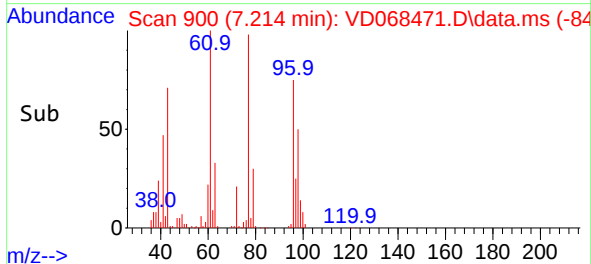
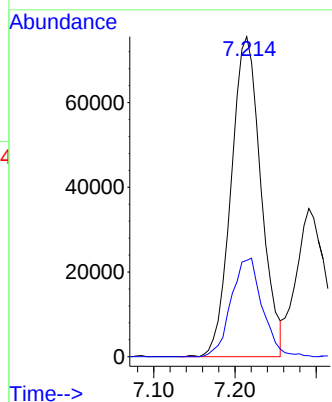
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



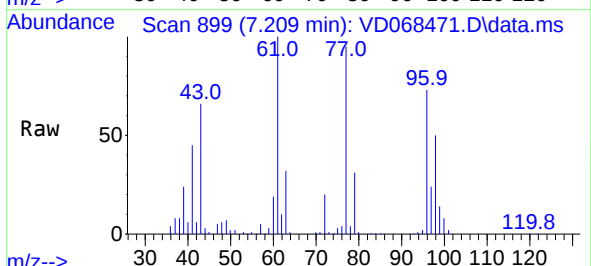
Tgt Ion: 43 Resp: 192478
Ion Ratio Lower Upper
43 100
72 30.1 25.1 37.7

Manual Integrations
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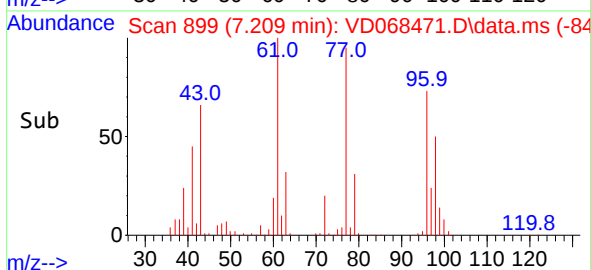
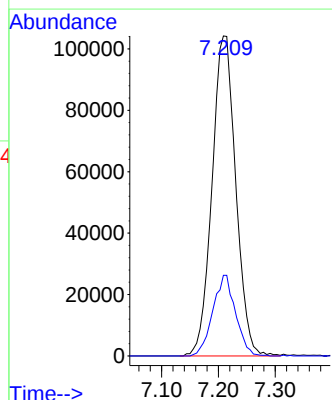
MMDadoda
3/2/2021 3:27:17 PM

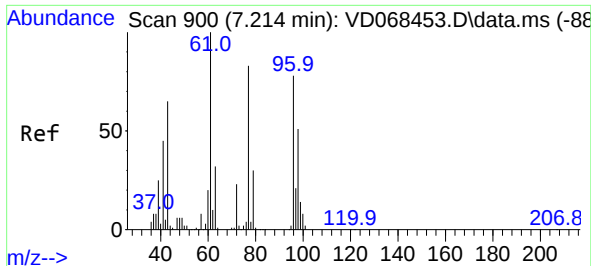


#26
2,2-Dichloropropane
Concen: 50.45 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



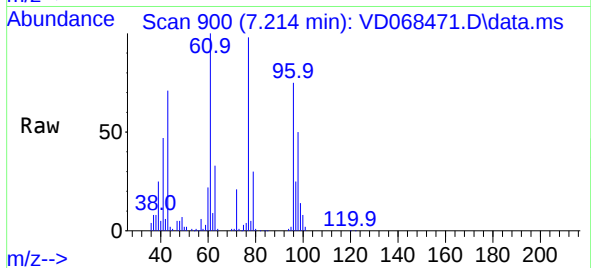
Tgt Ion: 77 Resp: 302602
Ion Ratio Lower Upper
77 100
97 24.1 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 46.31 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

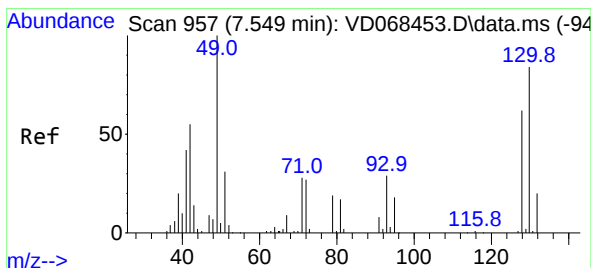
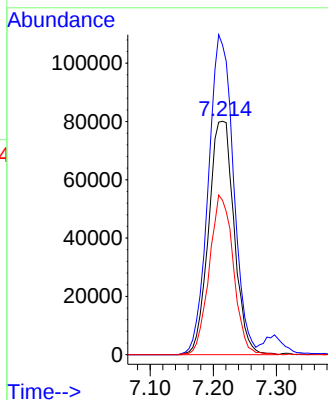
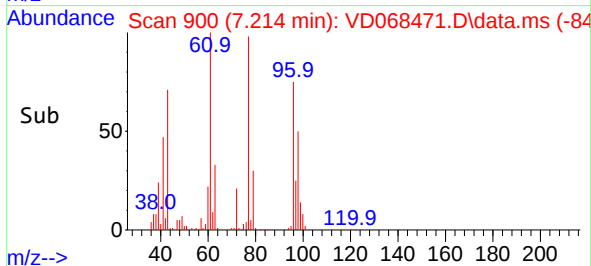
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



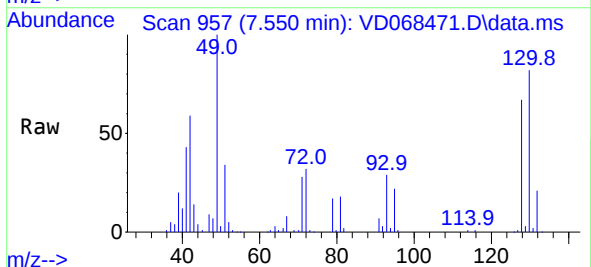
Tgt Ion: 96 Resp: 224261
Ion Ratio Lower Upper
96 100
61 135.1 0.0 257.4
98 64.6 0.0 126.6

Manual Integrations
APPROVED

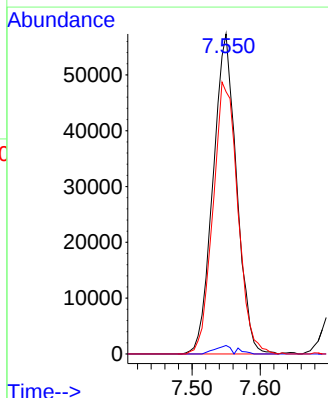
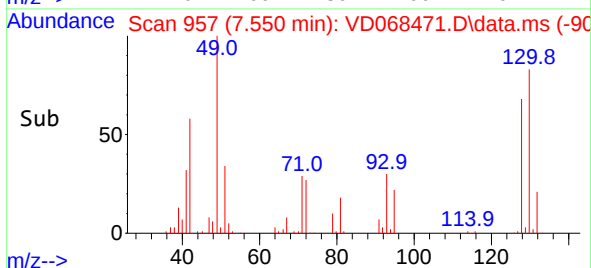
MMDadoda
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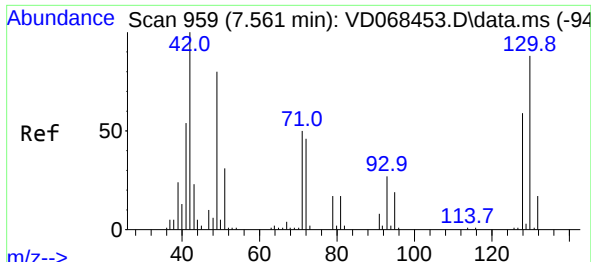


#28
Bromochloromethane
Concen: 49.08 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



Tgt Ion: 49 Resp: 137925
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.8
130 89.4 85.5 128.3





#29

Tetrahydrofuran

Concen: 223.08 ug/l

RT: 7.562 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD068471.D

Acq: 01 Mar 2021 10:23

Tgt Ion: 42 Resp: 121552

Ion Ratio Lower Upper

42 100

72 55.3 43.4 65.0

71 49.7 40.8 61.2

Instrument :

MSVOA_D

ClientSampleId :

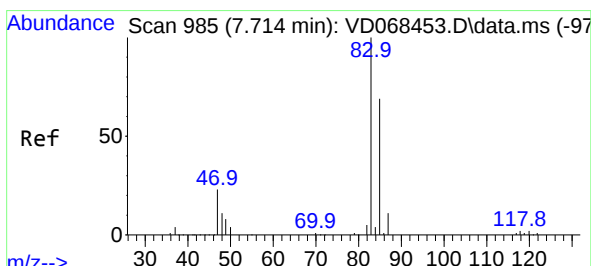
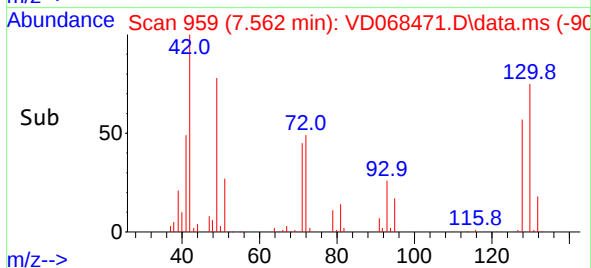
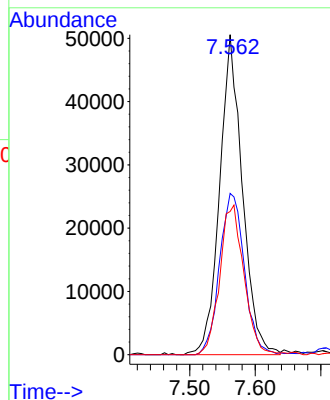
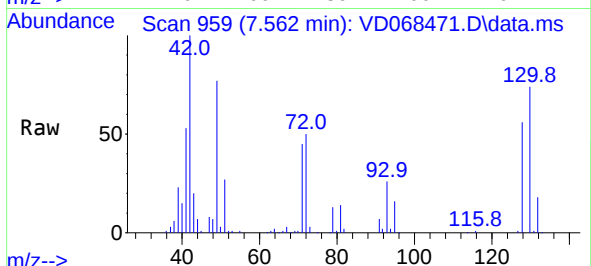
VSTDCCC050

Manual Integrations

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#30

Chloroform

Concen: 46.17 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.000 min

Lab File: VD068471.D

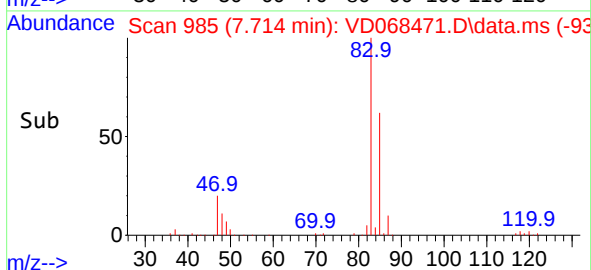
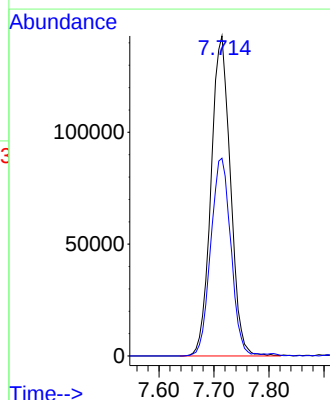
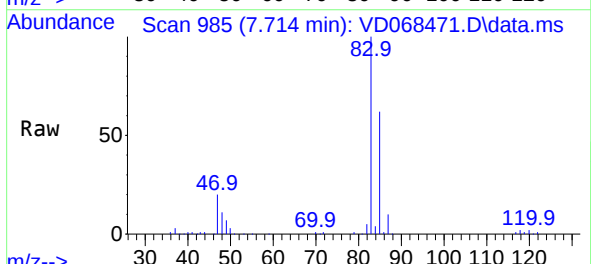
Acq: 01 Mar 2021 10:23

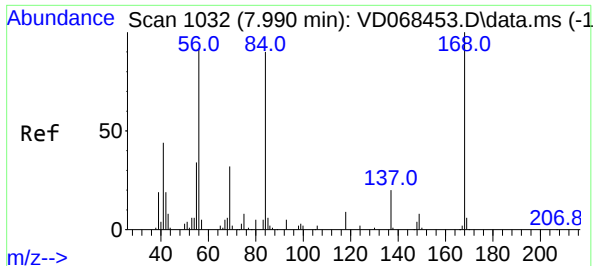
Tgt Ion: 83 Resp: 350993

Ion Ratio Lower Upper

83 100

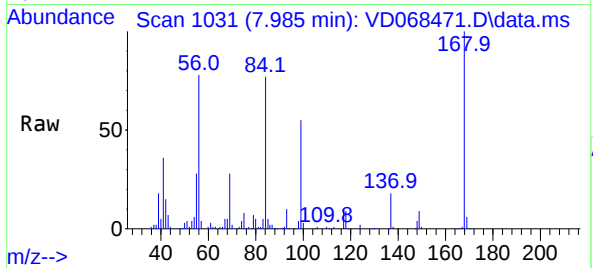
85 61.8 53.4 80.0





#31
Cyclohexane
Concen: 46.34 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

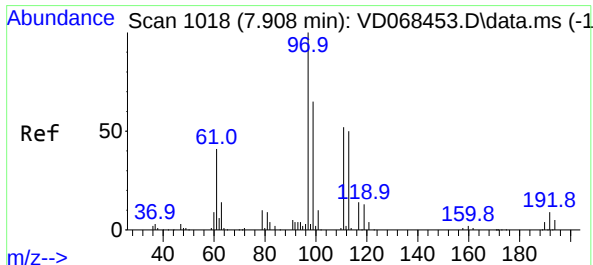
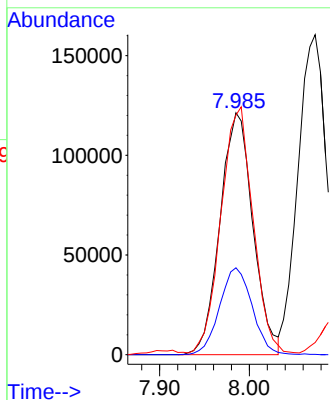
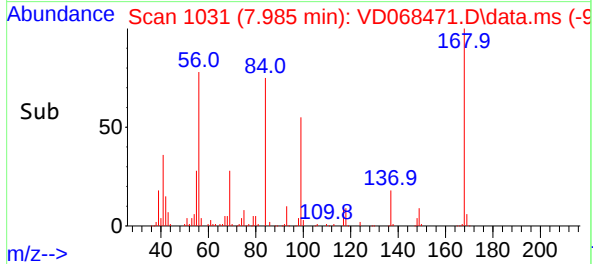
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



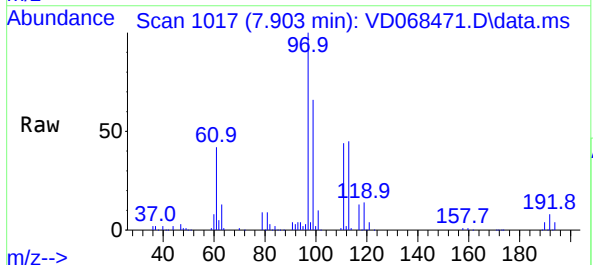
Tgt Ion: 56 Resp: 309719
Ion Ratio Lower Upper
56 100
69 35.9 30.1 45.1
84 98.0 82.1 123.1

Manual Integrations
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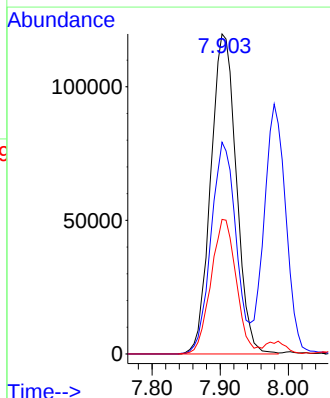
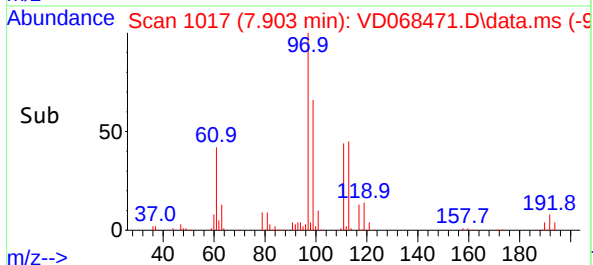
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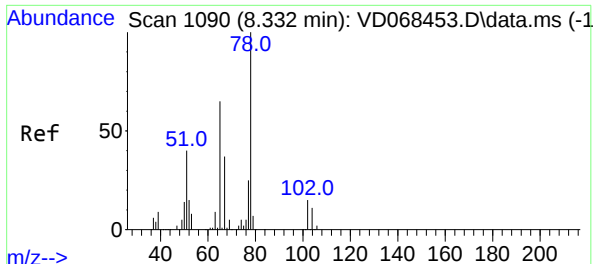


#32
1,1,1-Trichloroethane
Concen: 48.08 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



Tgt Ion: 97 Resp: 312011
Ion Ratio Lower Upper
97 100
99 65.0 52.1 78.1
61 41.9 30.1 45.1





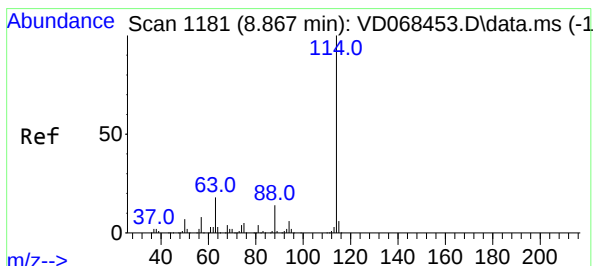
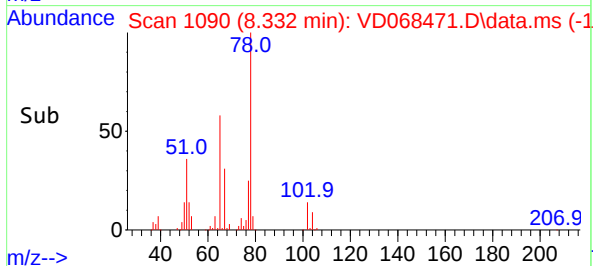
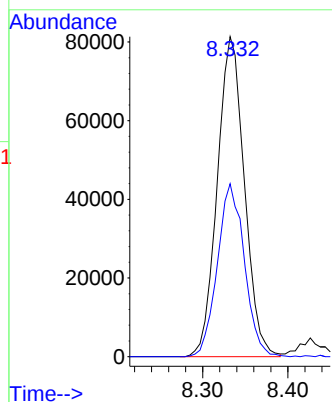
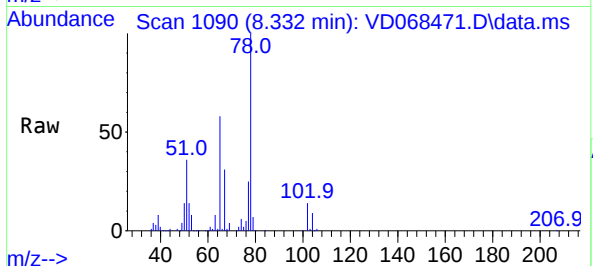
#33
1,2-Dichloroethane-d4
Concen: 48.90 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 65 Resp: 179700
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

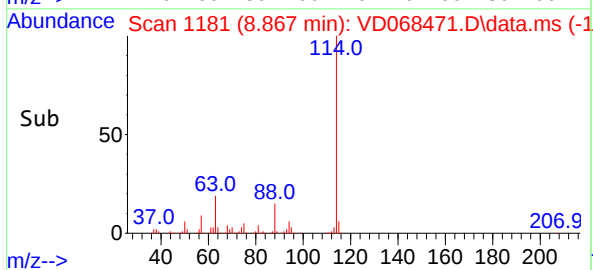
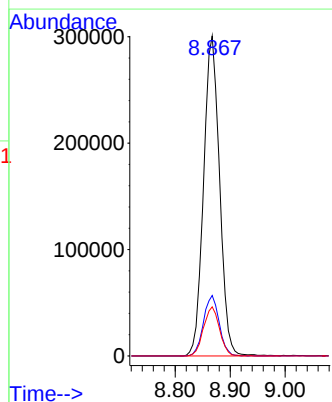
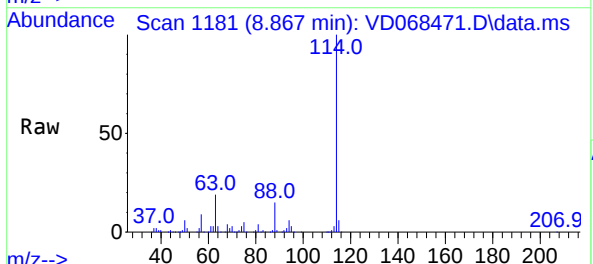
Manual Integrations
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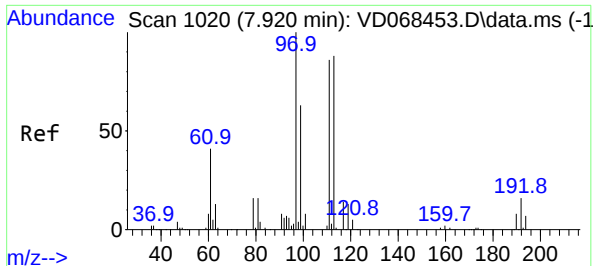
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 114 Resp: 607913
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.8
88 15.4 0.0 31.6





#35

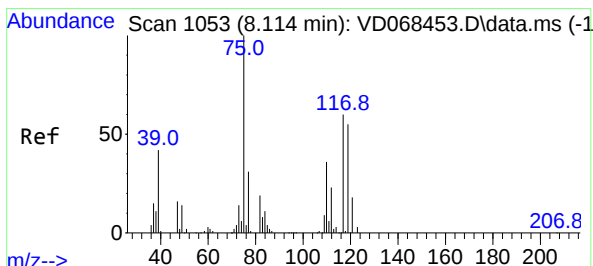
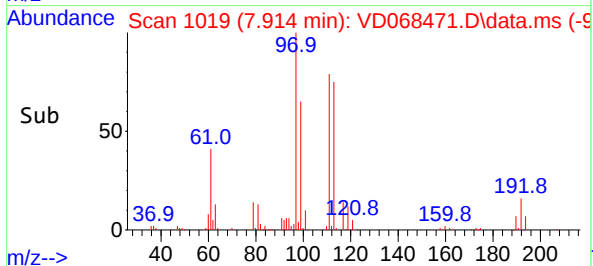
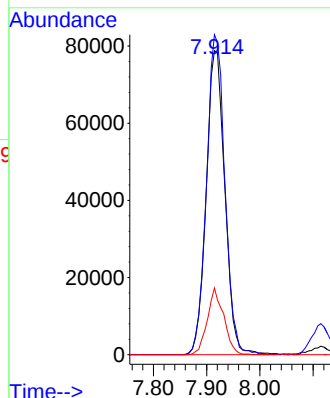
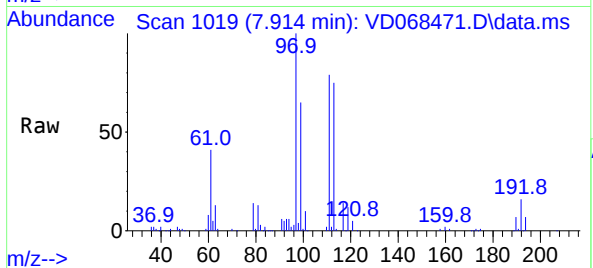
Dibromofluoromethane
Concen: 52.40 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	19.4	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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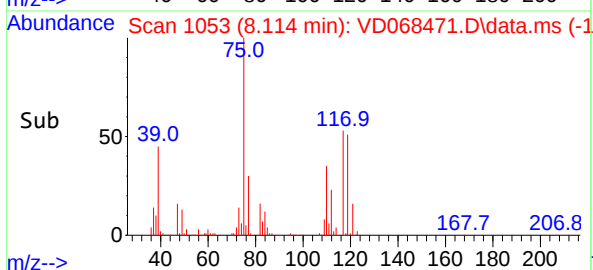
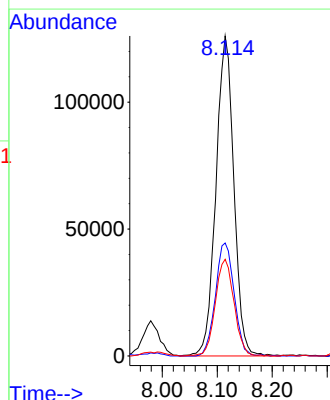
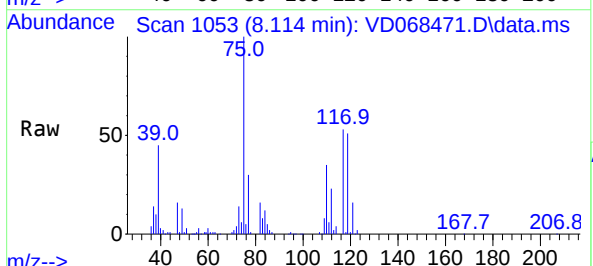
MMDadoda
3/2/2021 3:27:17 PM

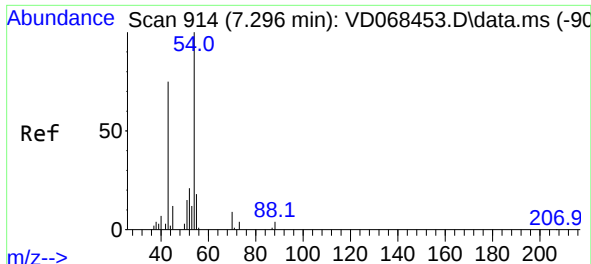


#36

1,1-Dichloropropene
Concen: 49.41 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

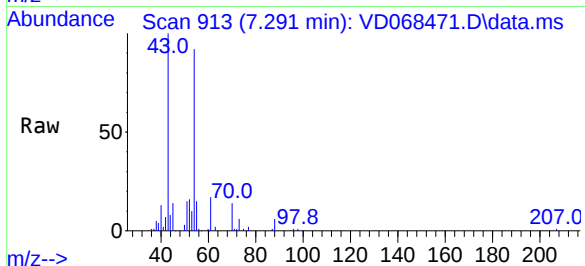
Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	19.4	58.2
77	31.6	25.3	37.9





#37
Ethyl Acetate
Concen: 46.65 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

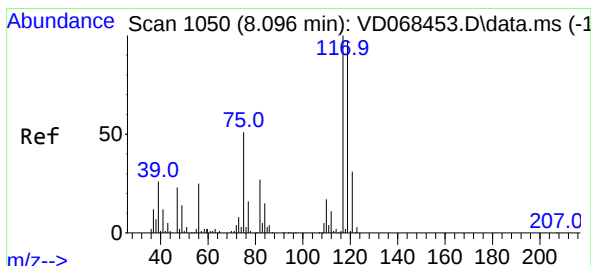
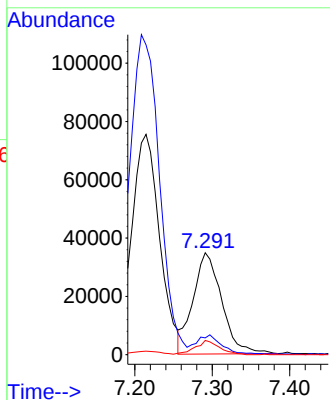
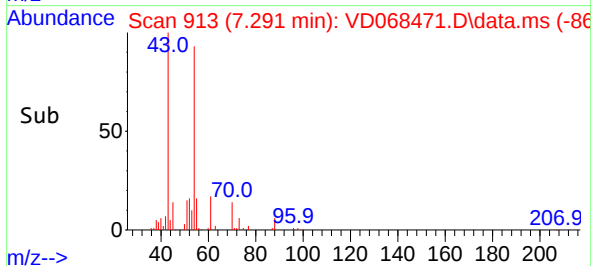
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



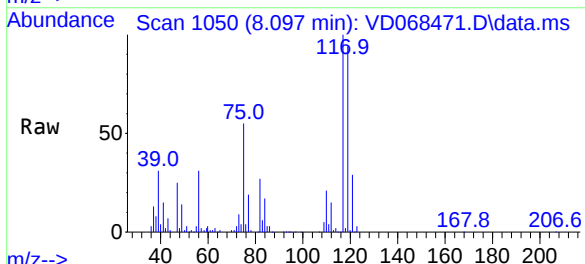
Tgt Ion: 43 Resp: 89447
Ion Ratio Lower Upper
43 100
61 18.5 12.9 19.3
70 11.8 11.0 16.6

Manual Integrations
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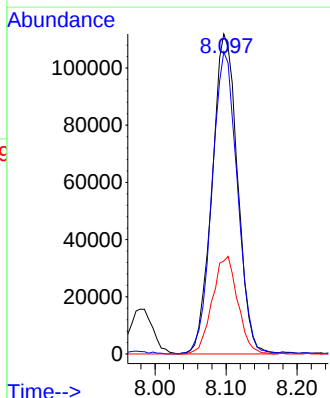
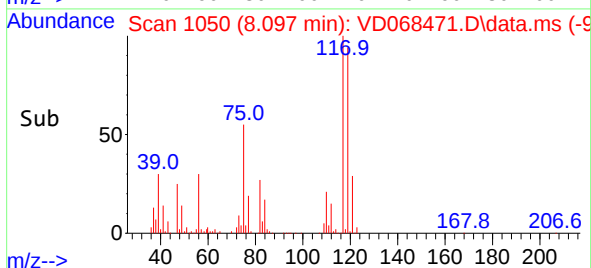
MMDadoda
3/2/2021 3:27:17 PM

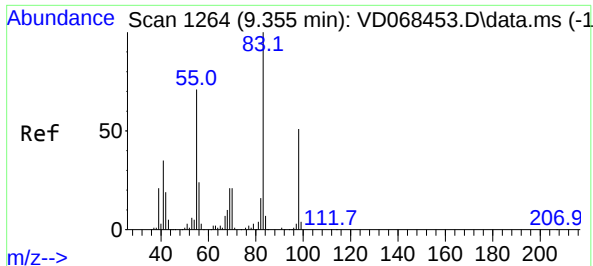


#38
Carbon Tetrachloride
Concen: 51.06 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



Tgt Ion: 117 Resp: 277245
Ion Ratio Lower Upper
117 100
119 94.4 77.3 115.9
121 29.1 24.7 37.1





#39

Methylcyclohexane

Concen: 52.71 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068471.D

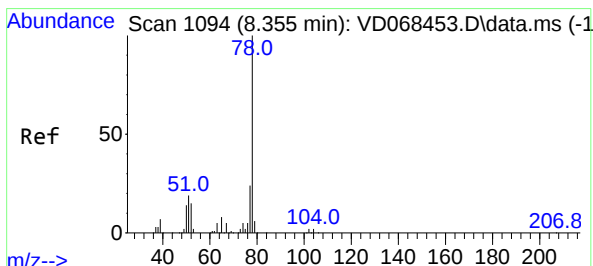
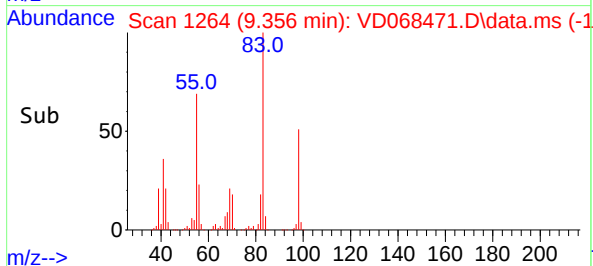
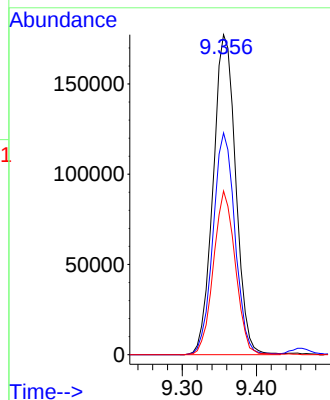
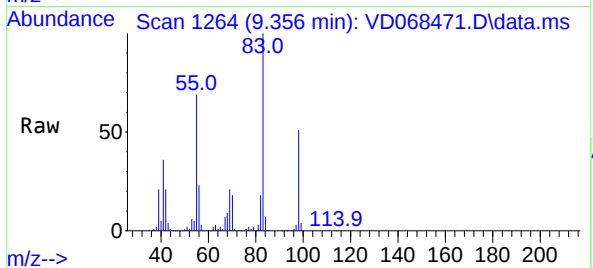
Acq: 01 Mar 2021 10:23

Tgt Ion:	83	Resp:	375652
Ion	Ratio	Lower	Upper
83	100		
55	69.3	55.2	82.8
98	51.2	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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#40

Benzene

Concen: 48.34 ug/l

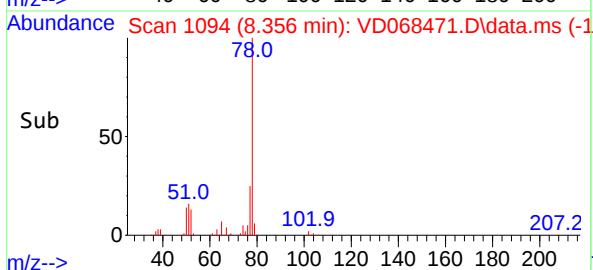
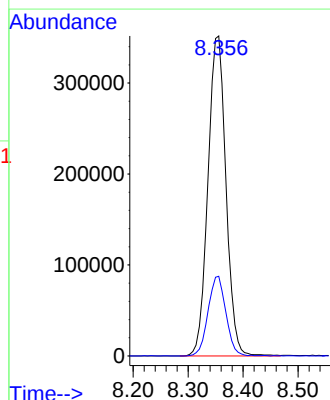
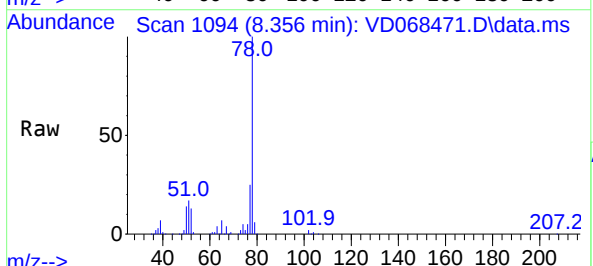
RT: 8.356 min Scan# 1094

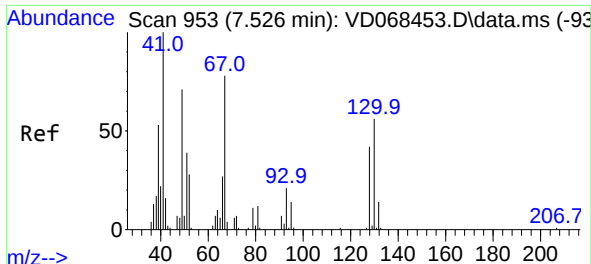
Delta R.T. 0.000 min

Lab File: VD068471.D

Acq: 01 Mar 2021 10:23

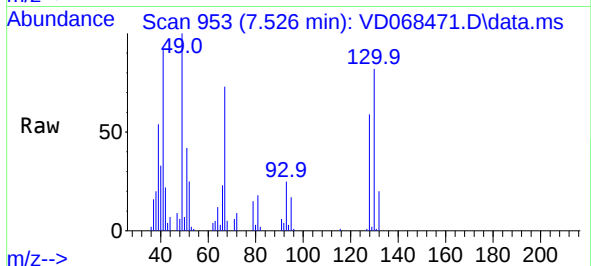
Tgt Ion:	78	Resp:	801321
Ion	Ratio	Lower	Upper
78	100		
77	24.9	17.8	26.6





#41
Methacrylonitrile
Concen: 51.69 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

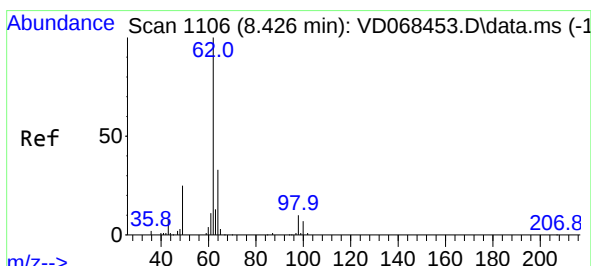
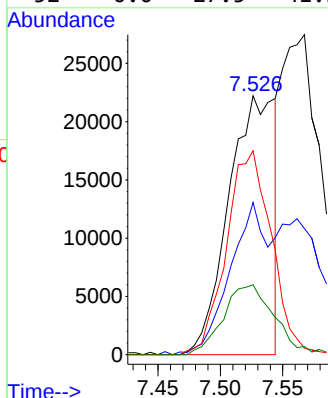
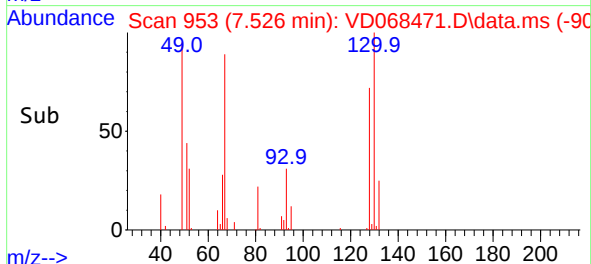
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



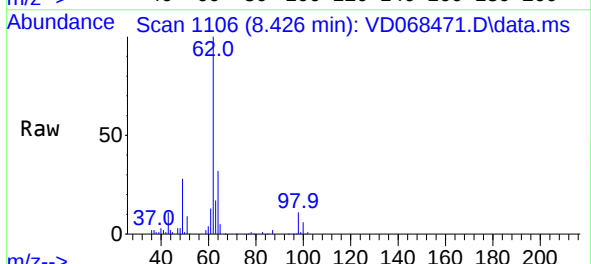
Tgt Ion: 41 Resp: 57524
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 67.4 101.2#
52 0.0 27.5 41.3#

Manual Integrations
APPROVED

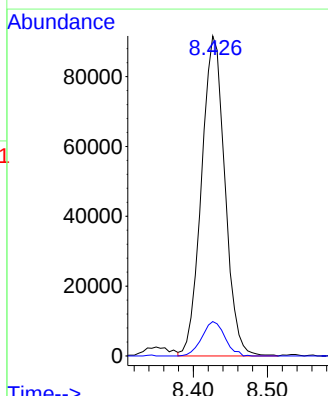
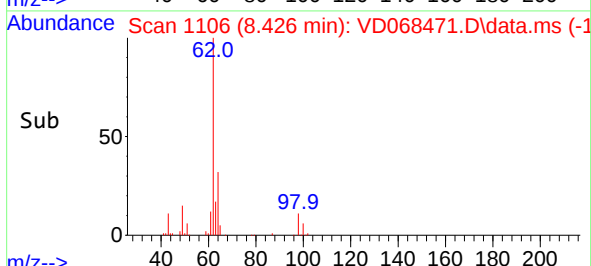
MMDadoda
3/2/2021 3:27:17 PM

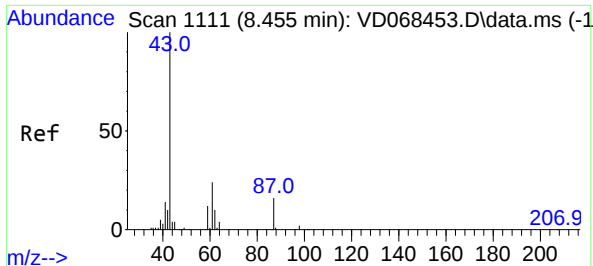


#42
1,2-Dichloroethane
Concen: 46.07 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



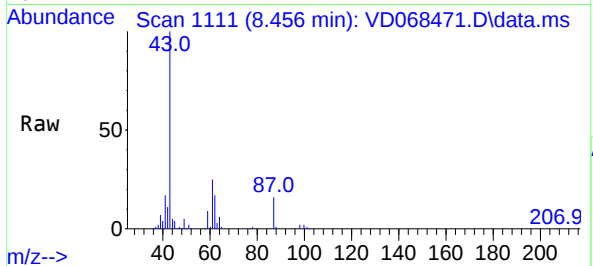
Tgt Ion: 62 Resp: 200792
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.8





#43
Isopropyl Acetate
Concen: 47.36 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

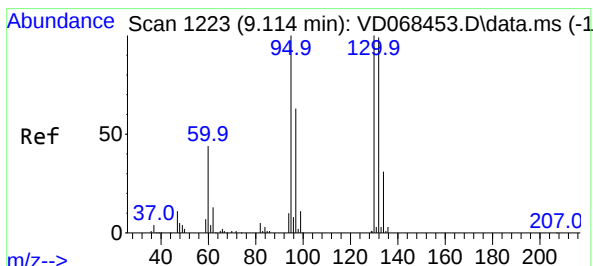
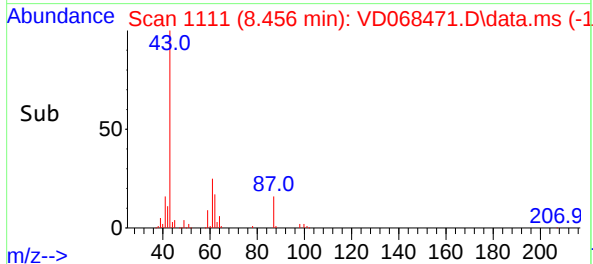
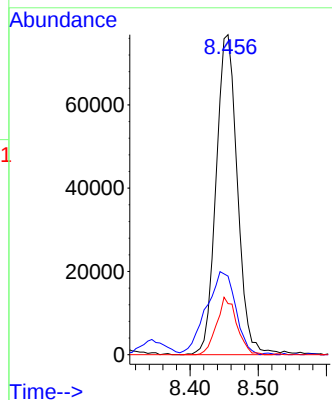
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 166878
Ion Ratio Lower Upper
43 100
61 35.9 28.7 43.1
87 17.0 13.9 20.9

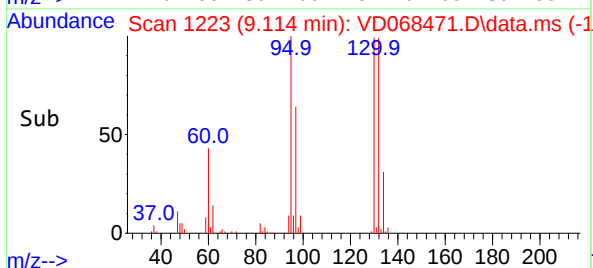
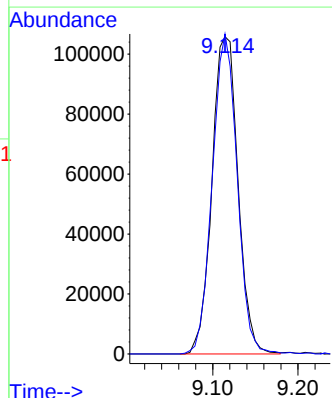
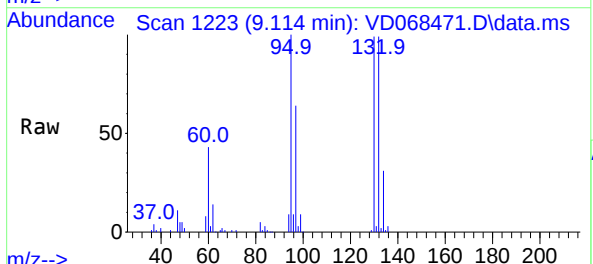
Manual Integrations
APPROVED

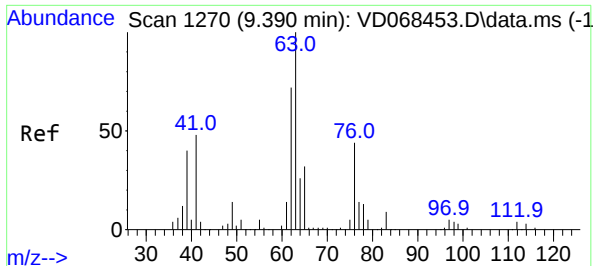
MMDadoda
3/2/2021 3:27:17 PM



#44
Trichloroethene
Concen: 49.45 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion:130 Resp: 224992
Ion Ratio Lower Upper
130 100
95 100.8 0.0 191.2





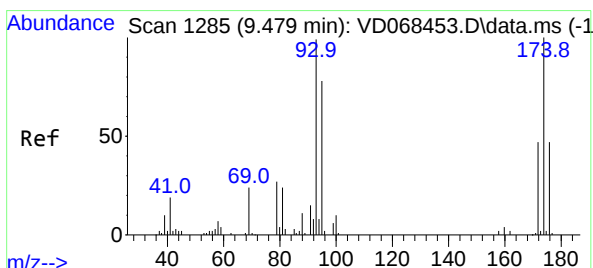
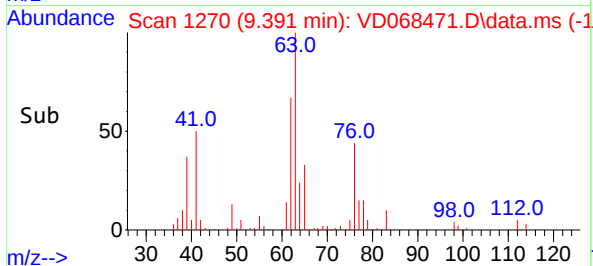
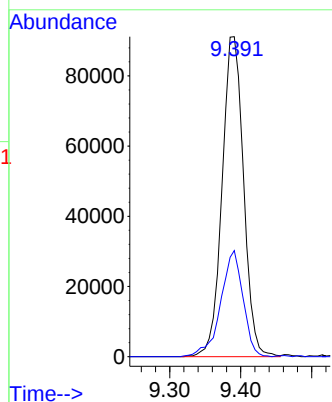
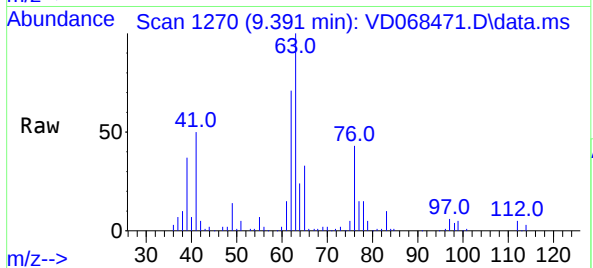
#45
1,2-Dichloropropane
Concen: 48.27 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 63 Resp: 191260
Ion Ratio Lower Upper
63 100
65 33.2 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

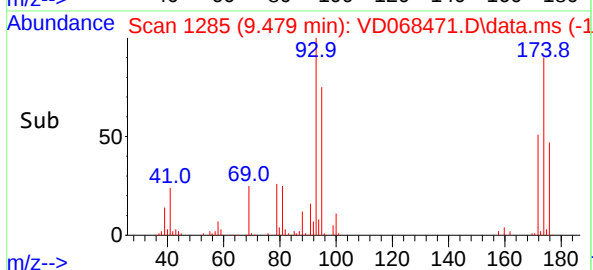
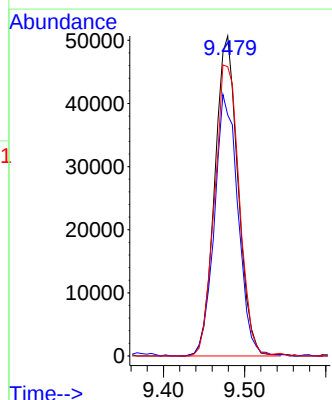
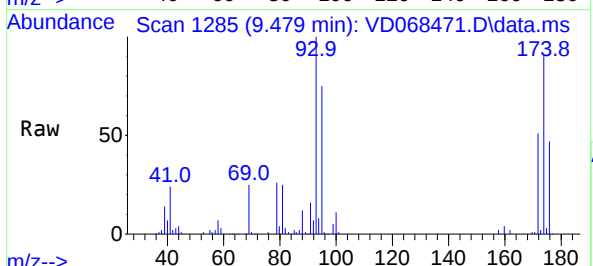
Manual Integrations
APPROVED

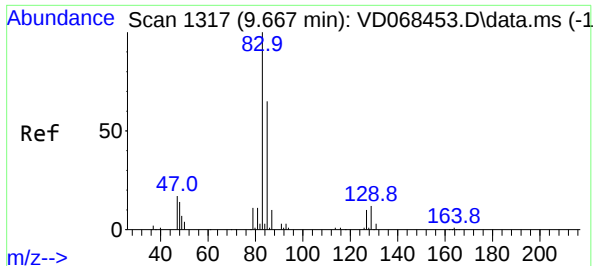
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#46
Dibromomethane
Concen: 46.73 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 93 Resp: 100731
Ion Ratio Lower Upper
93 100
95 83.2 67.3 100.9
174 96.6 84.6 127.0





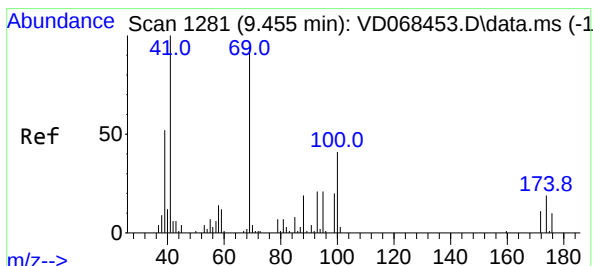
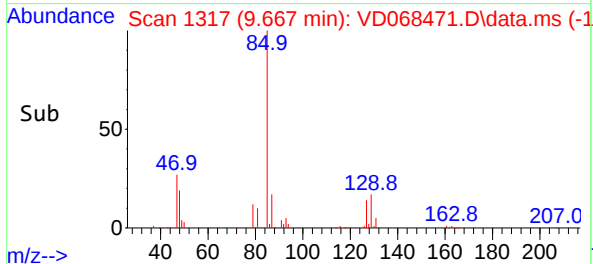
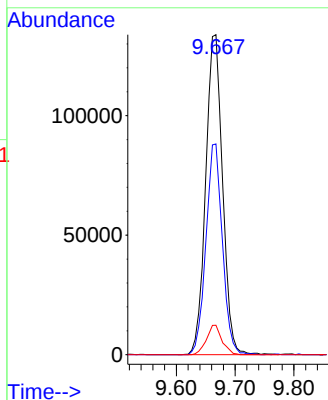
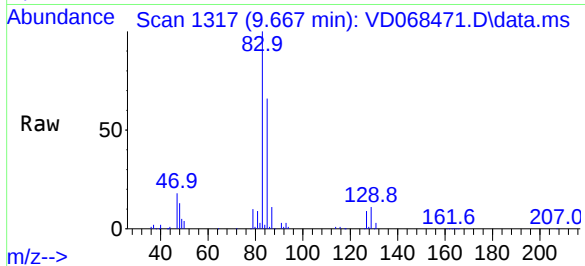
#47
Bromodichloromethane
Concen: 48.03 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 83 Resp: 267818
Ion Ratio Lower Upper
83 100
85 65.8 51.6 77.4
127 9.2 7.4 11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

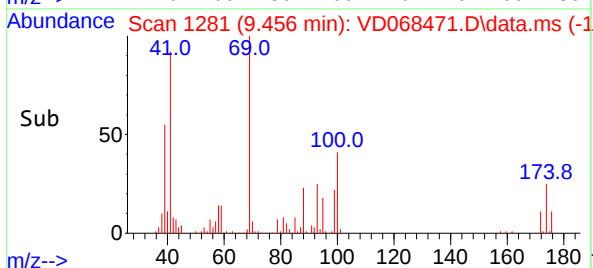
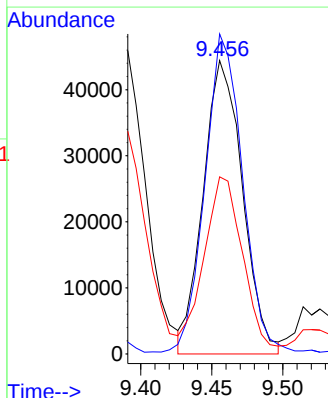
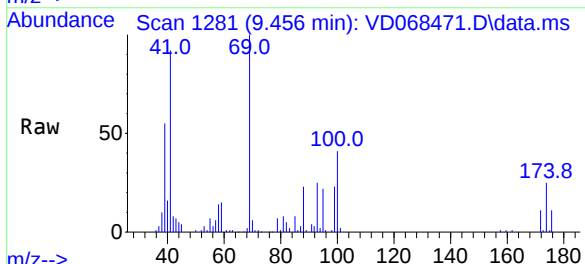
Manual Integrations
APPROVED

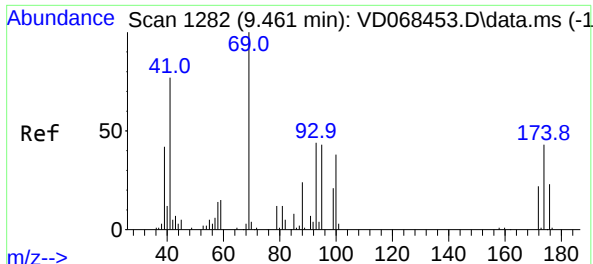
MMDadoda
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#48
Methyl methacrylate
Concen: 45.60 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 41 Resp: 85645
Ion Ratio Lower Upper
41 100
69 105.7 77.1 115.7
39 54.3 41.5 62.3





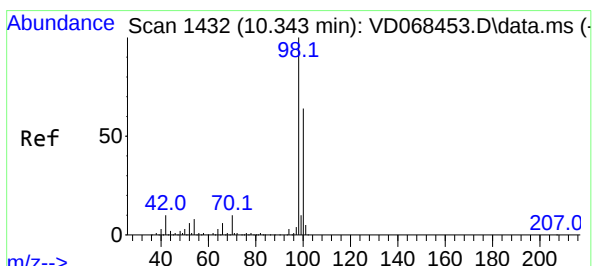
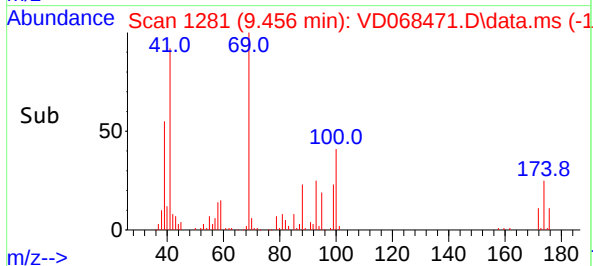
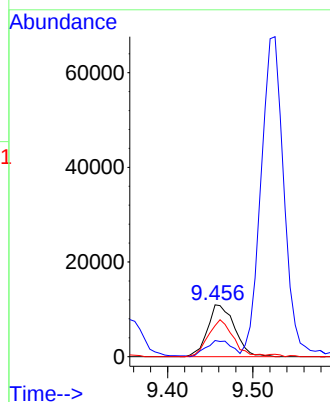
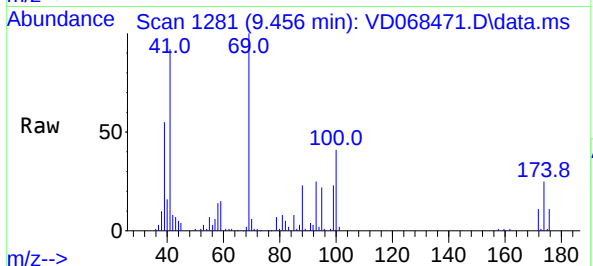
#49
1,4-Dioxane
Concen: 976.07 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 88 Resp: 23996
Ion Ratio Lower Upper
88 100
43 29.8 22.1 33.1
58 66.1 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

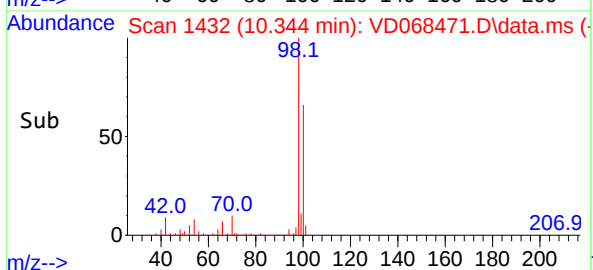
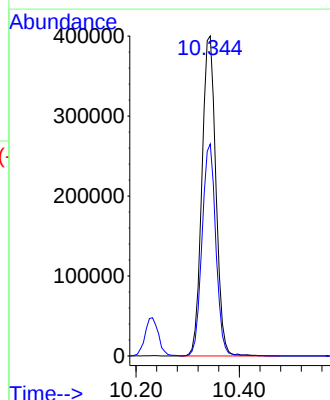
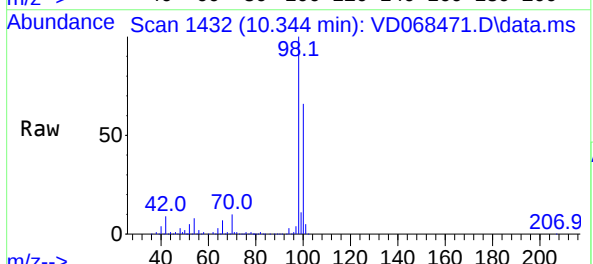
Manual Integrations
APPROVED

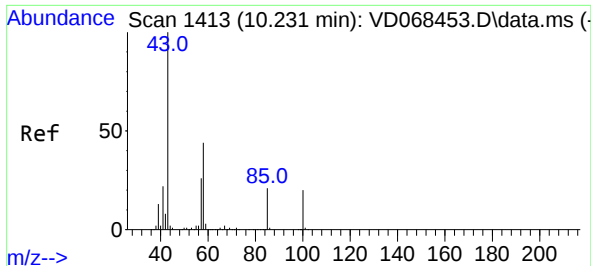
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#50
Toluene-d8
Concen: 51.43 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 98 Resp: 750179
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4





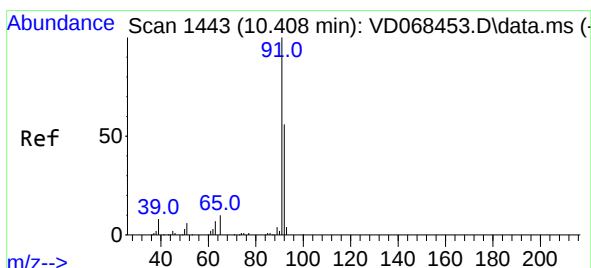
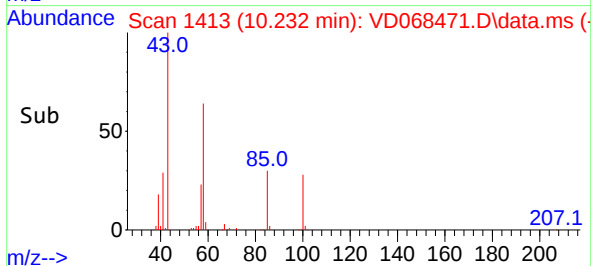
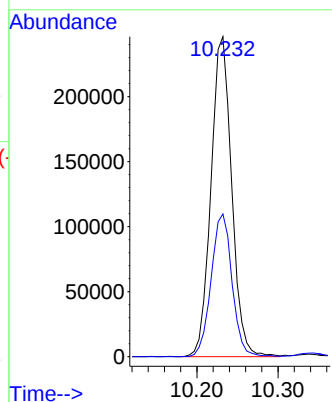
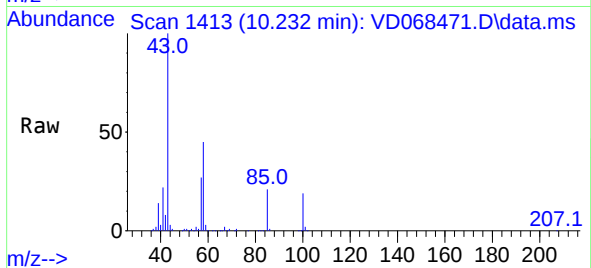
#51
4-Methyl-2-Pentanone
Concen: 236.20 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 43 Resp: 435529
Ion Ratio Lower Upper
43 100
58 45.1 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

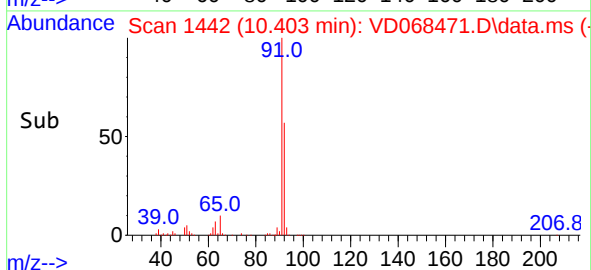
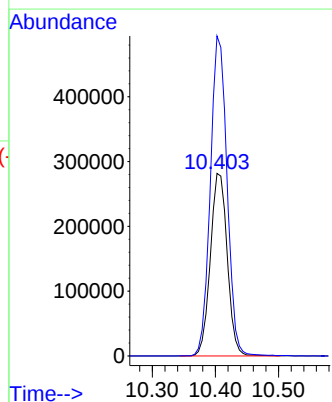
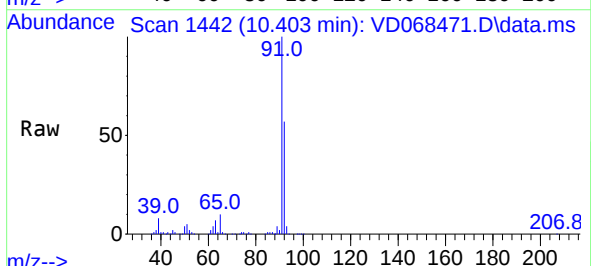
Manual Integrations
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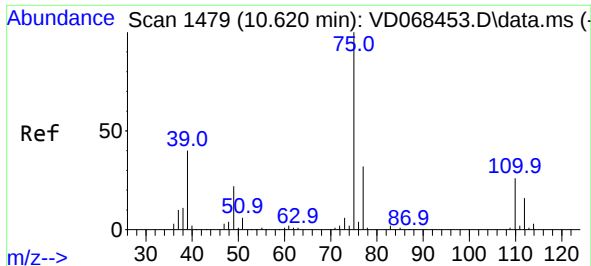
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#52
Toluene
Concen: 49.38 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 92 Resp: 522745
Ion Ratio Lower Upper
92 100
91 173.6 134.1 201.1





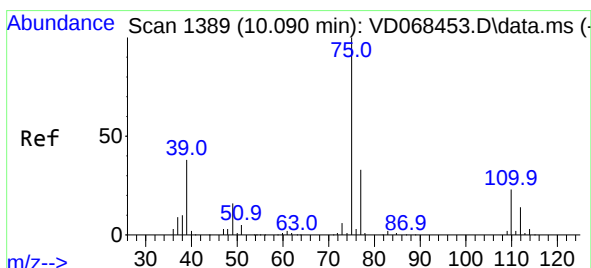
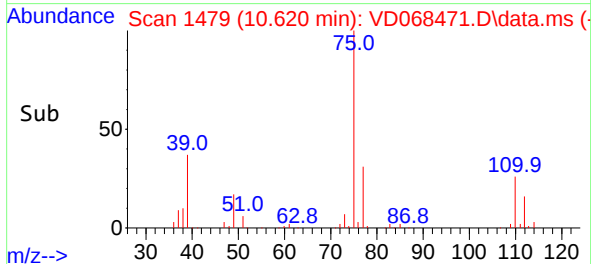
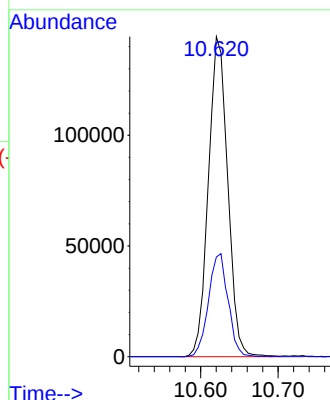
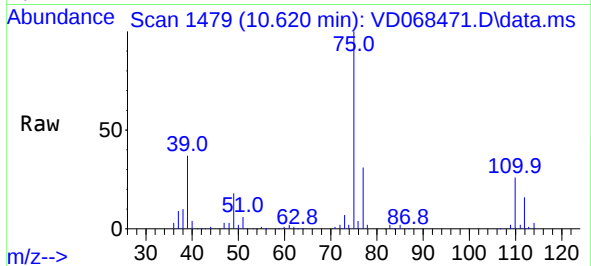
#53
 t-1,3-Dichloropropene
 Concen: 48.64 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. 0.000 min
 Lab File: VD068471.D
 Acq: 01 Mar 2021 10:23

Tgt Ion: 75 Resp: 250658
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

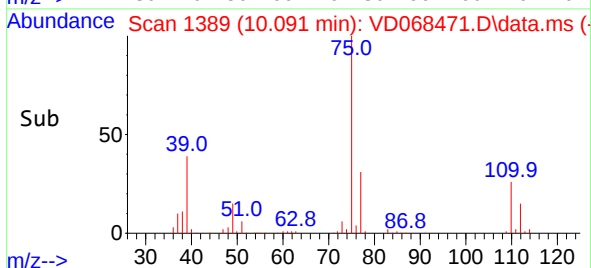
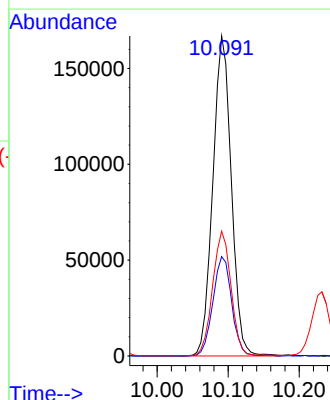
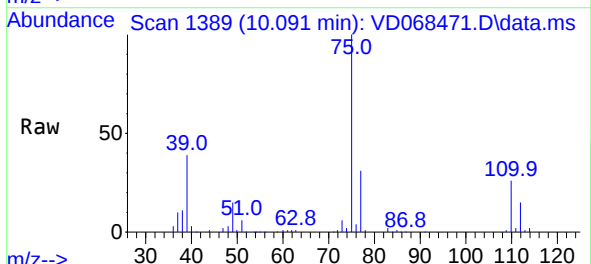
Manual Integrations
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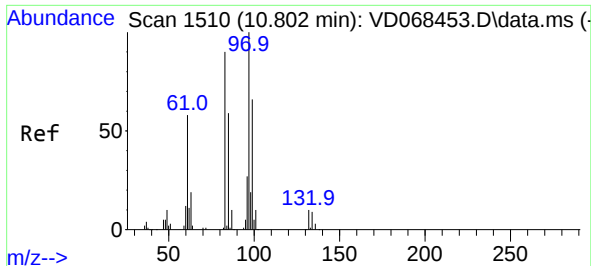
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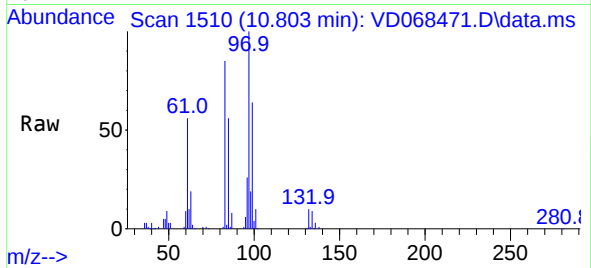
#54
 cis-1,3-Dichloropropene
 Concen: 47.91 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. 0.000 min
 Lab File: VD068471.D
 Acq: 01 Mar 2021 10:23

Tgt Ion: 75 Resp: 301239
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 37.0
 39 38.9 31.4 47.0

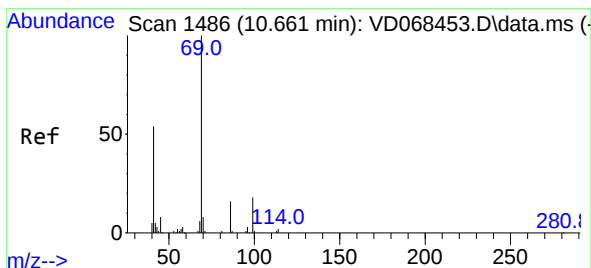
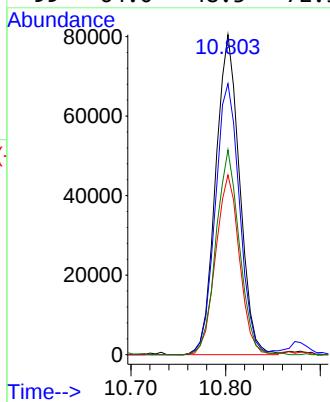
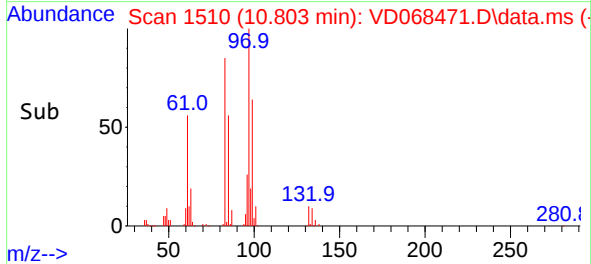




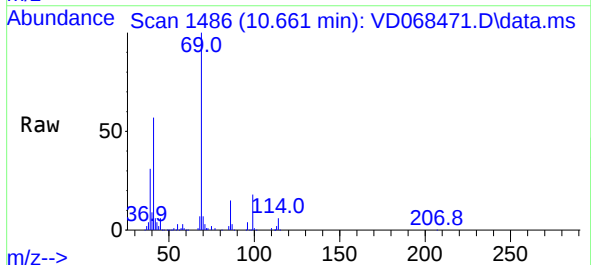
#55
1,1,2-Trichloroethane
Concen: 47.37 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



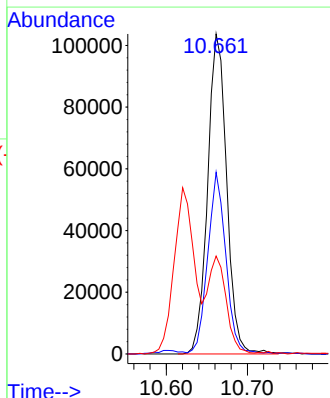
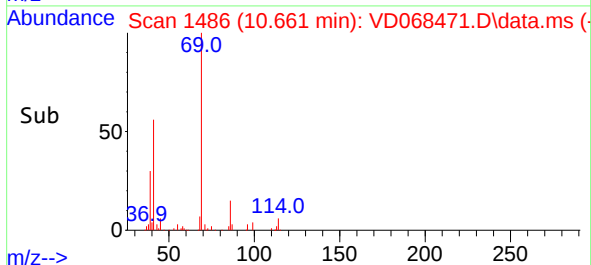
Tgt Ion: 97 Resp: 141317
Ion Ratio Lower Upper
97 100
83 84.7 61.8 92.6
85 56.2 42.2 63.2
99 64.0 48.3 72.5



#56
Ethyl methacrylate
Concen: 49.27 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



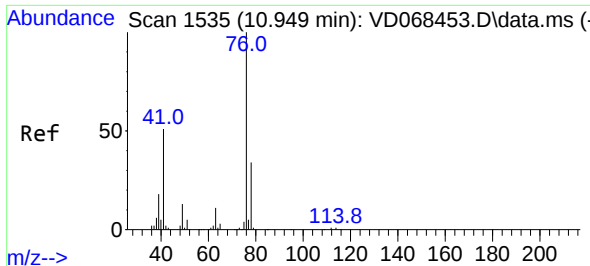
Tgt Ion: 69 Resp: 168938
Ion Ratio Lower Upper
69 100
41 53.7 44.9 67.3
39 29.0 21.9 32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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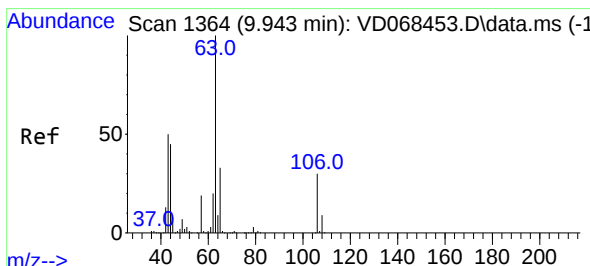
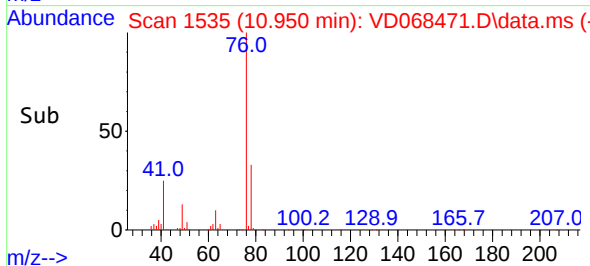
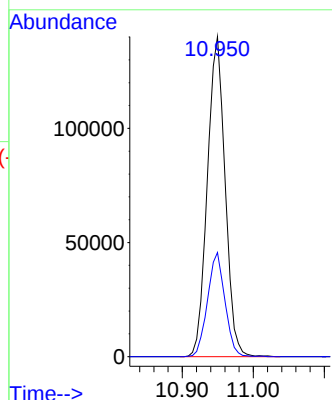
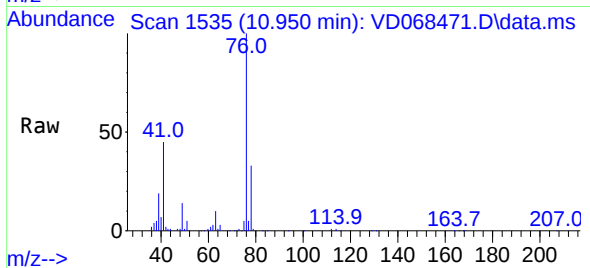
#57
1,3-Dichloropropane
Concen: 46.78 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 76 Resp: 243584
Ion Ratio Lower Upper
76 100
78 31.9 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

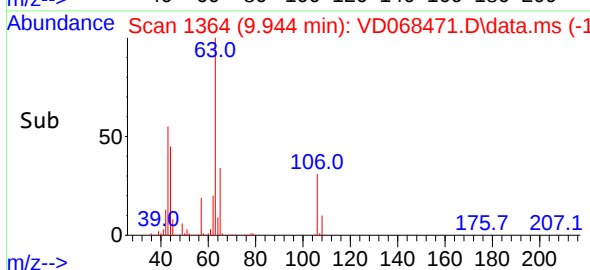
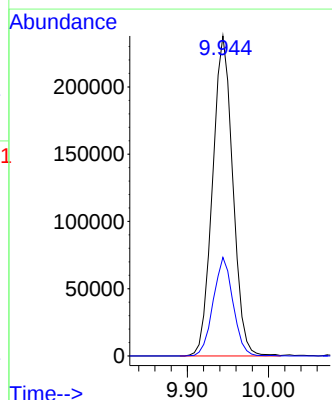
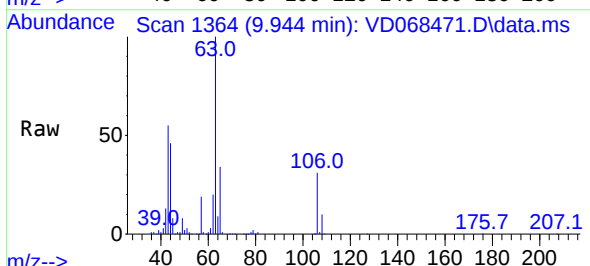
Manual Integrations
APPROVED

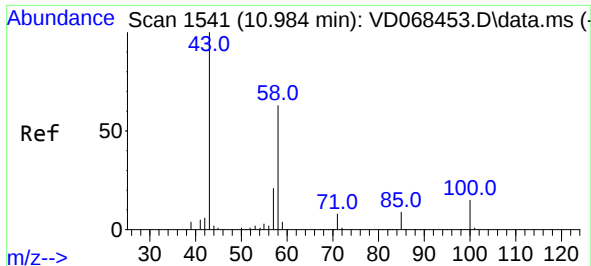
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#58
2-Chloroethyl Vinyl ether
Concen: 239.87 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 63 Resp: 412660
Ion Ratio Lower Upper
63 100
106 30.2 27.0 40.4





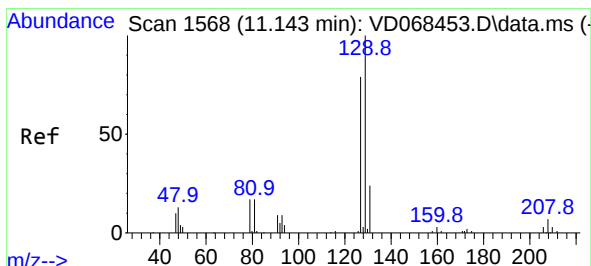
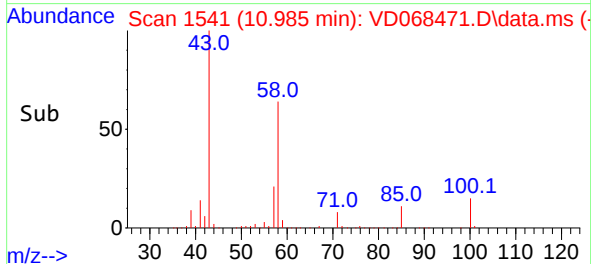
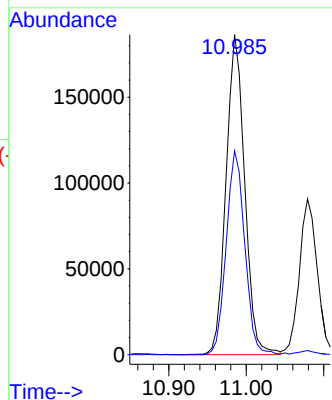
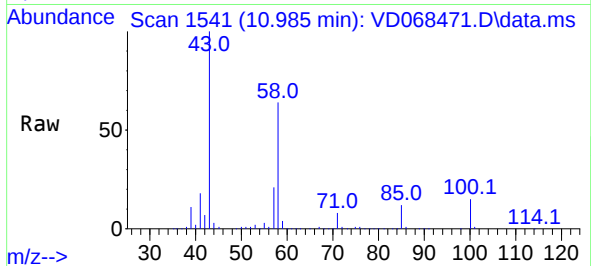
#59
2-Hexanone
Concen: 253.95 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 43 Resp: 312119
Ion Ratio Lower Upper
43 100
58 63.3 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

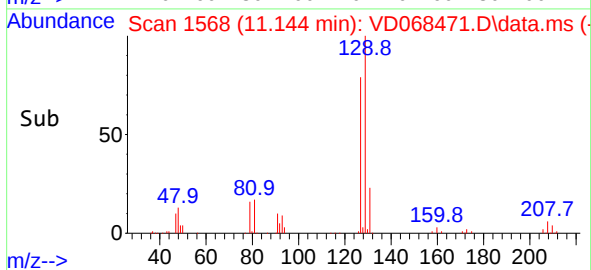
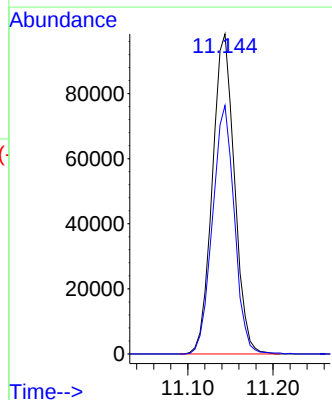
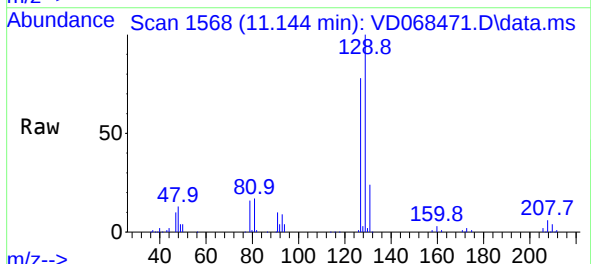
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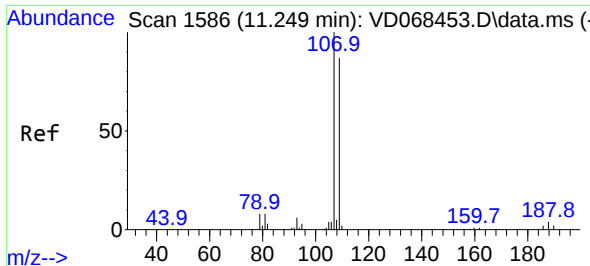
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#60
Dibromochloromethane
Concen: 47.89 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

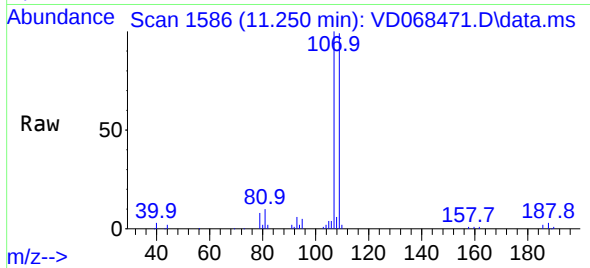
Tgt Ion:129 Resp: 176876
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.47 ug/l
RT: 11.250 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

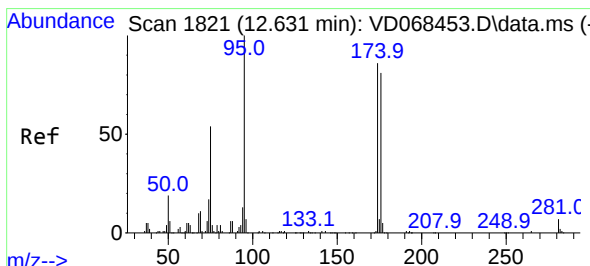
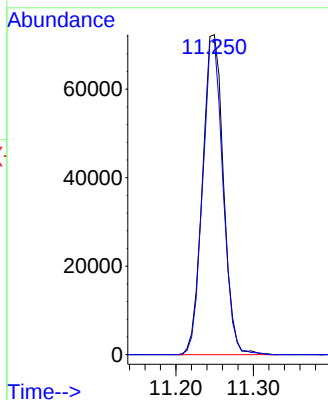
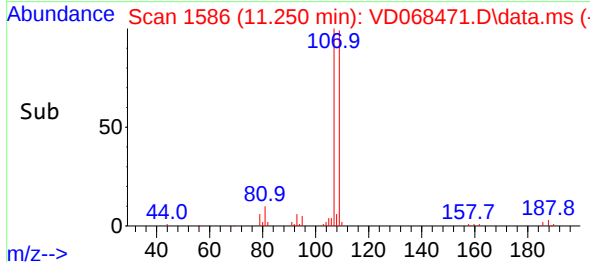
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



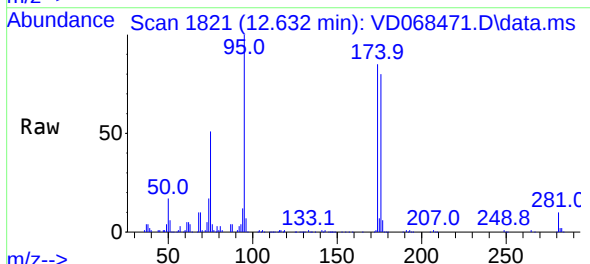
Tgt Ion:107 Resp: 135675
Ion Ratio Lower Upper
107 100
109 95.4 74.8 112.2

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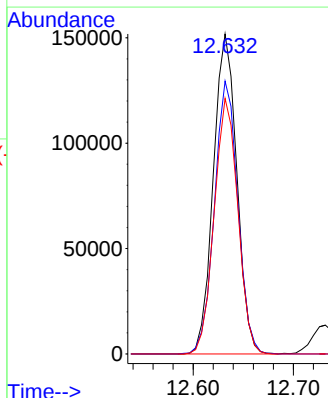
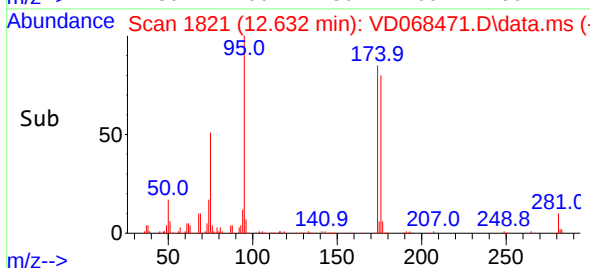
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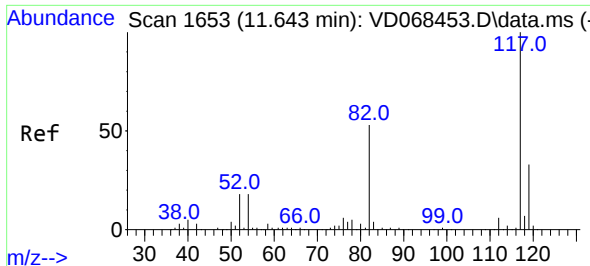


#62
4-Bromofluorobenzene
Concen: 52.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



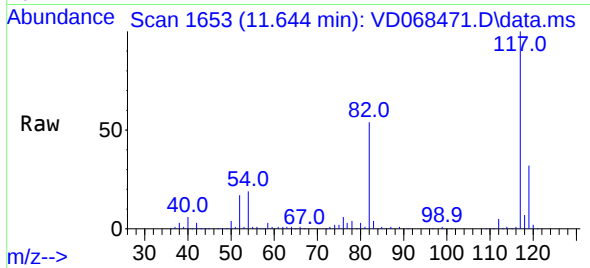
Tgt Ion: 95 Resp: 246457
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.4
176 80.4 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

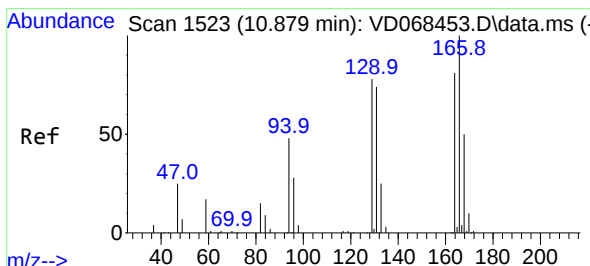
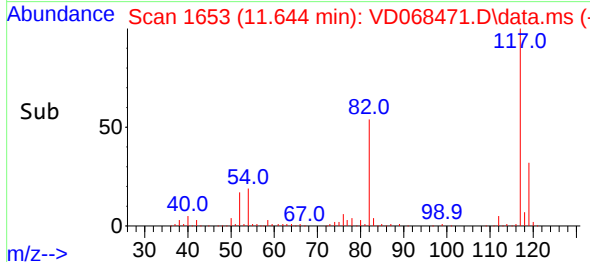
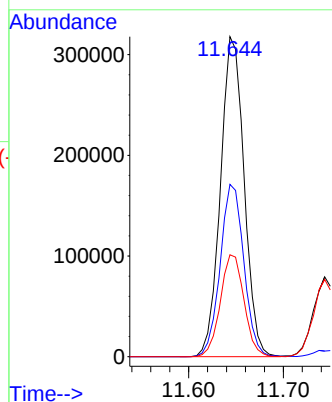
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



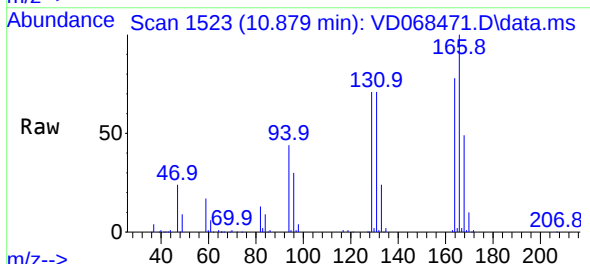
Tgt Ion:117 Resp: 551507
Ion Ratio Lower Upper
117 100
82 53.9 41.4 62.0
119 31.9 26.1 39.1

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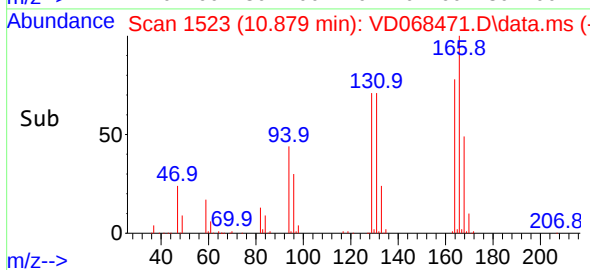
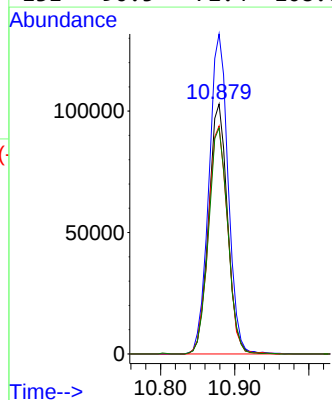
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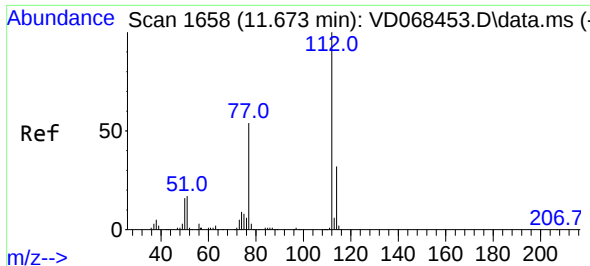


#64
Tetrachloroethene
Concen: 50.62 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



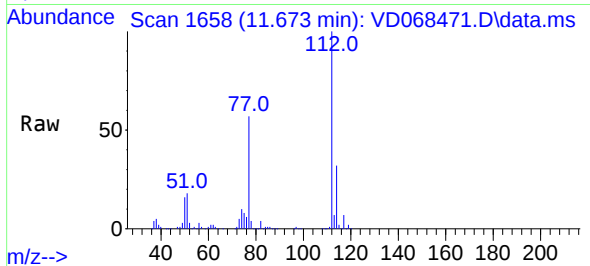
Tgt Ion:164 Resp: 182318
Ion Ratio Lower Upper
164 100
166 128.0 105.5 158.3
129 91.2 75.6 113.4
131 90.5 72.4 108.6





#65
Chlorobenzene
Concen: 48.37 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

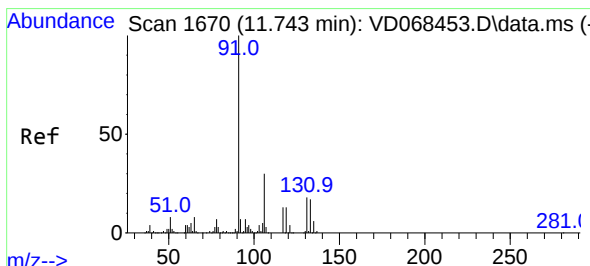
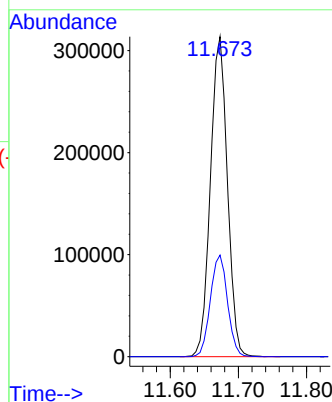
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



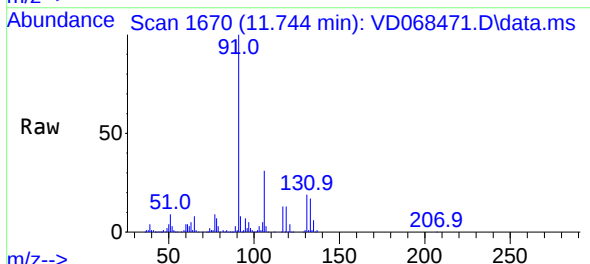
Tgt Ion:112 Resp: 543255
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

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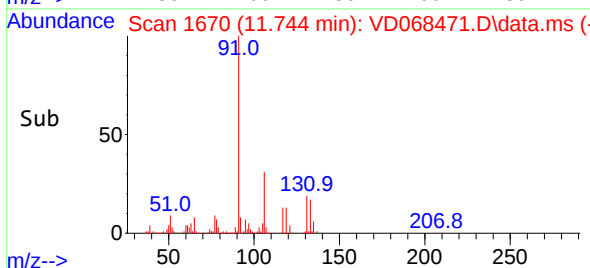
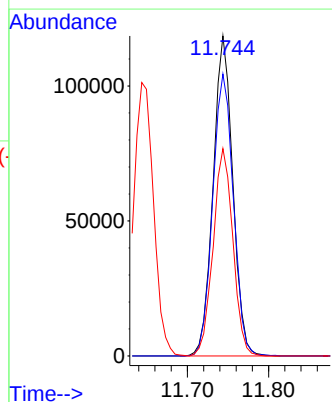
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.08 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



Tgt Ion:131 Resp: 199418
Ion Ratio Lower Upper
131 100
133 92.6 48.1 144.4
119 65.2 31.6 94.8





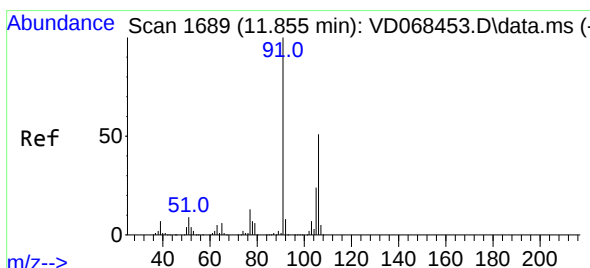
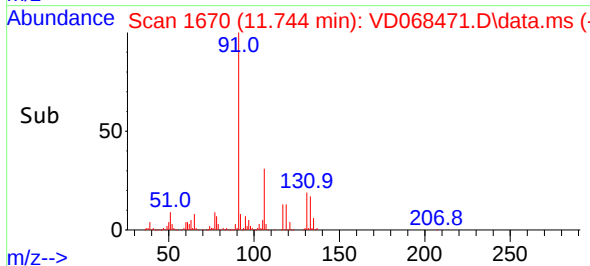
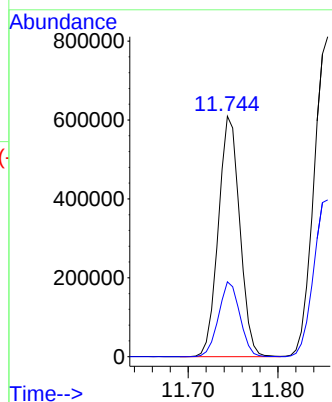
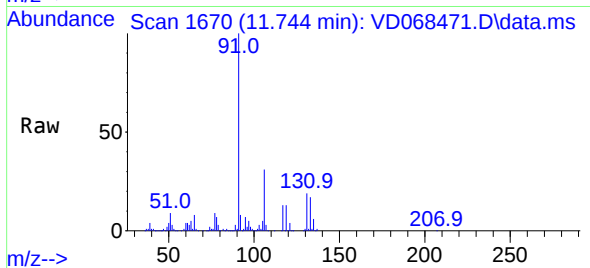
#67
Ethyl Benzene
Concen: 50.31 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1008678
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9

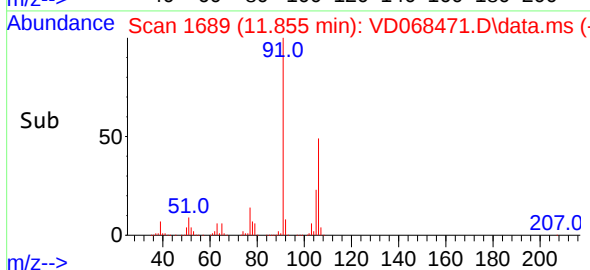
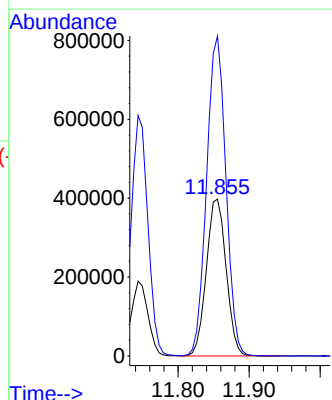
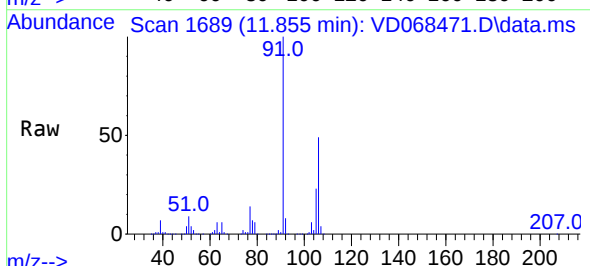
Manual Integrations
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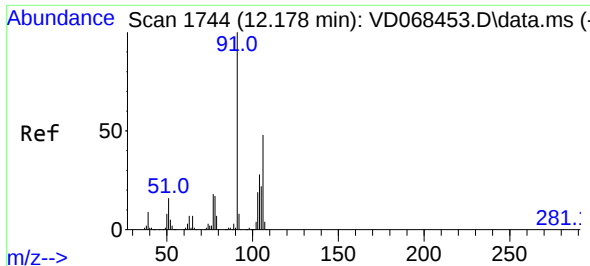
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#68
m/p-Xylenes
Concen: 101.15 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion:106 Resp: 770170
Ion Ratio Lower Upper
106 100
91 198.7 159.1 238.7





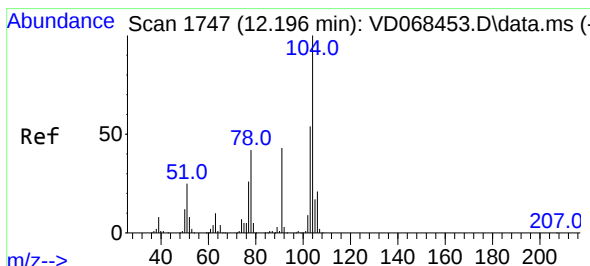
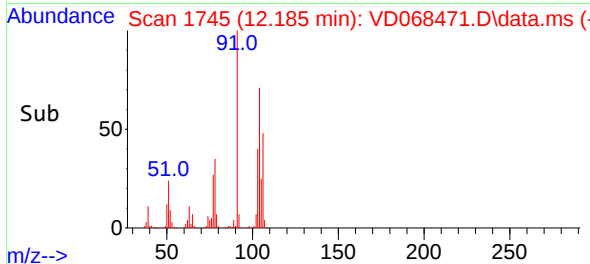
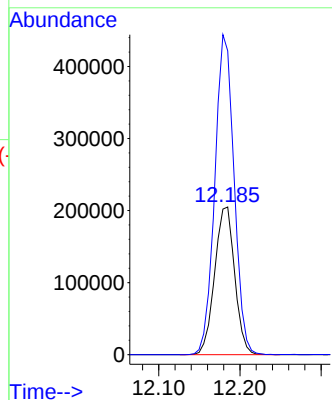
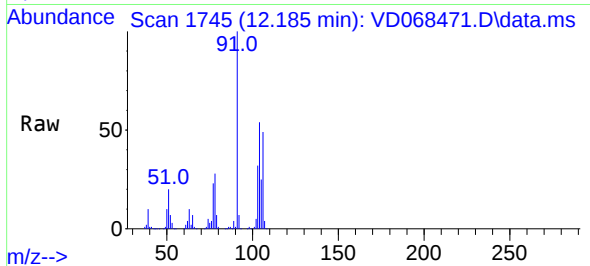
#69
o-Xylene
Concen: 50.11 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.006 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion:106 Resp: 351393
Ion Ratio Lower Upper
106 100
91 208.8 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

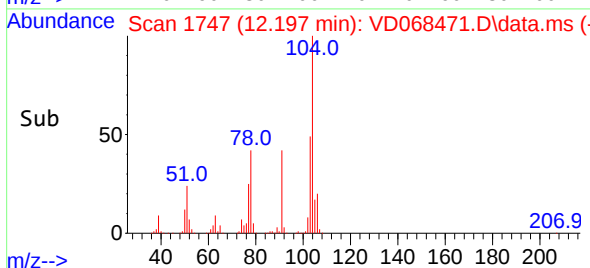
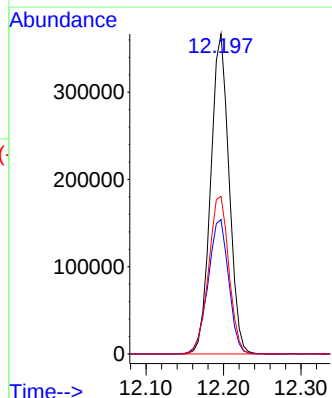
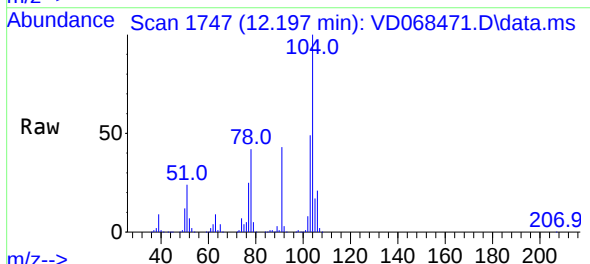
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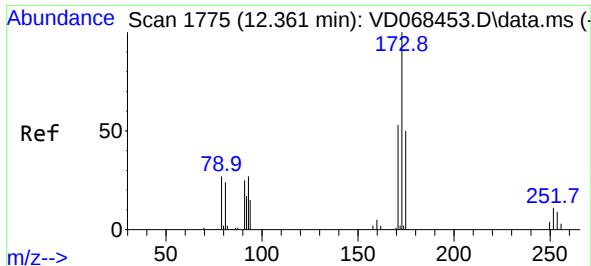
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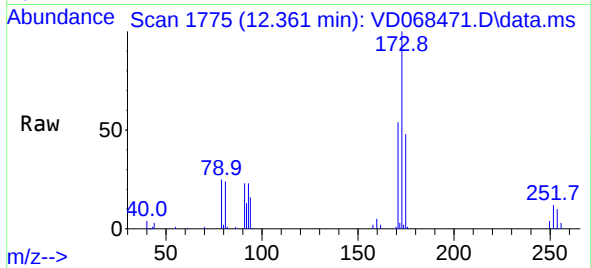
#70
Styrene
Concen: 50.31 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion:104 Resp: 603351
Ion Ratio Lower Upper
104 100
78 47.1 38.2 57.2
103 54.5 43.1 64.7

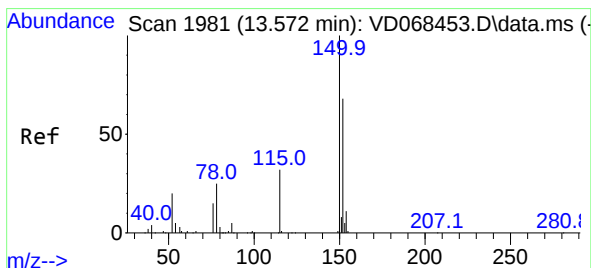
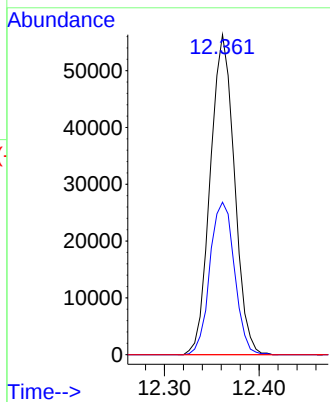
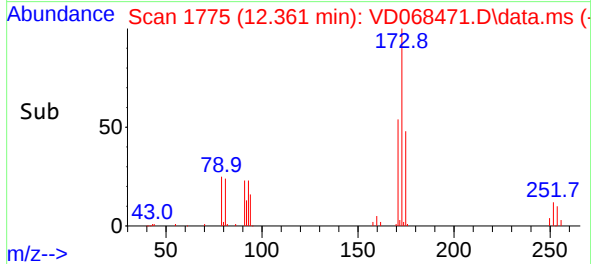




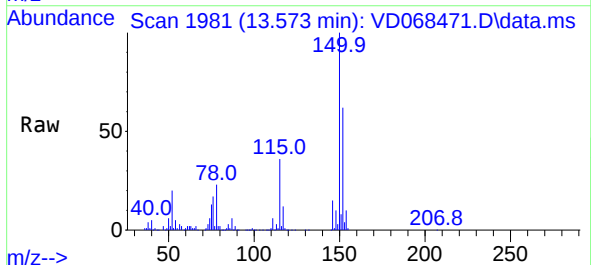
#71
Bromoform
Concen: 50.17 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



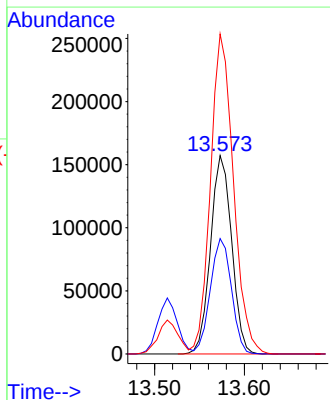
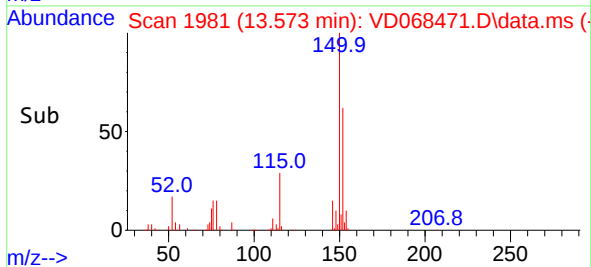
Tgt Ion:173 Resp: 99501
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



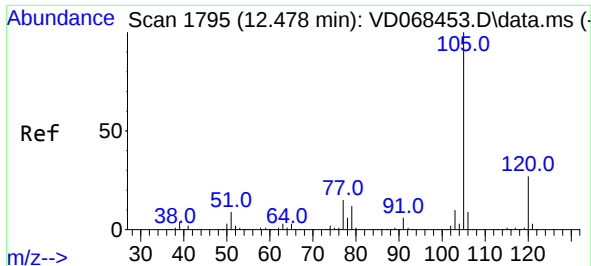
Tgt Ion:152 Resp: 257288
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.8
150 175.3 0.0 344.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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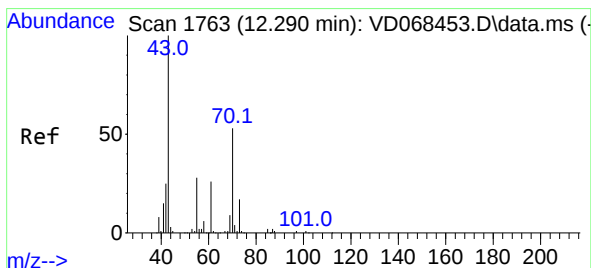
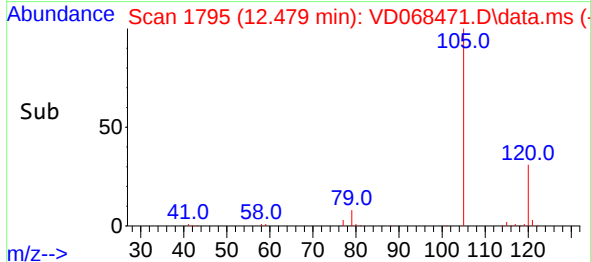
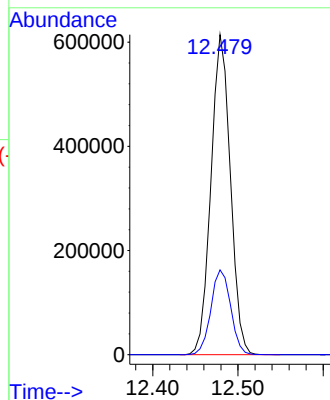
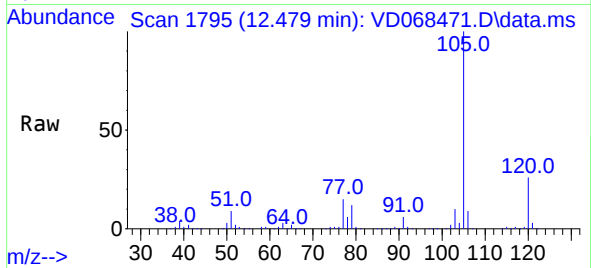
#73
Isopropylbenzene
Concen: 50.90 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 105 Resp: 971275
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

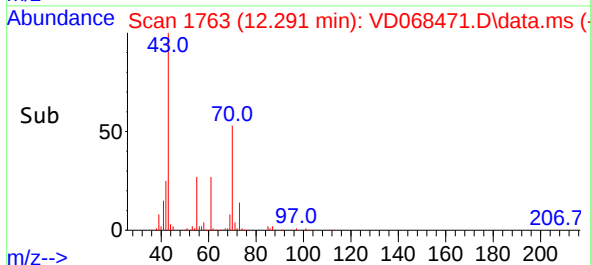
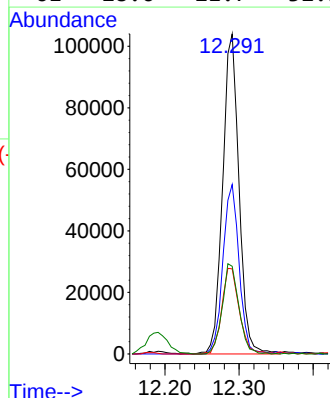
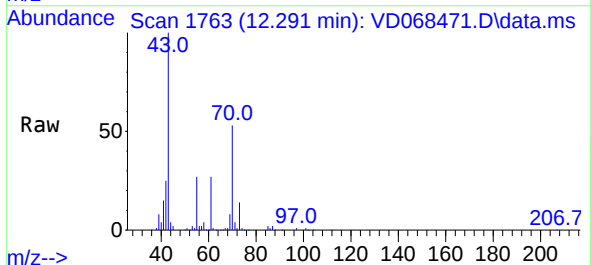
Manual Integrations
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#74
N-ethyl acetate
Concen: 49.00 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 43 Resp: 159295
Ion Ratio Lower Upper
43 100
70 52.5 41.8 62.8
55 28.7 24.2 36.4
61 28.6 21.7 32.5





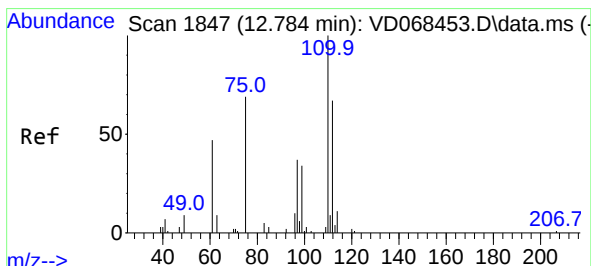
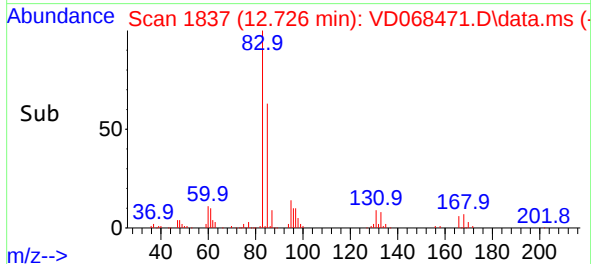
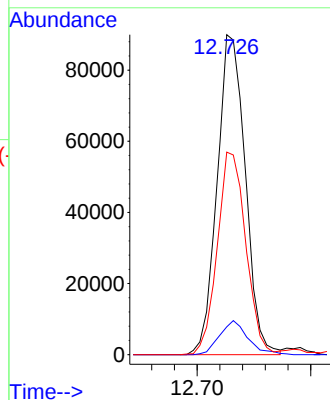
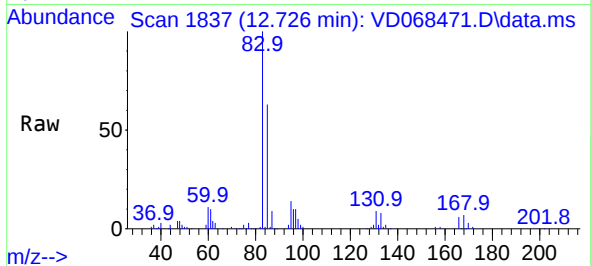
#75
1,1,2,2-Tetrachloroethane
Concen: 47.23 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 83 Resp: 155044
Ion Ratio Lower Upper
83 100
131 10.7 5.8 17.4
85 64.2 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

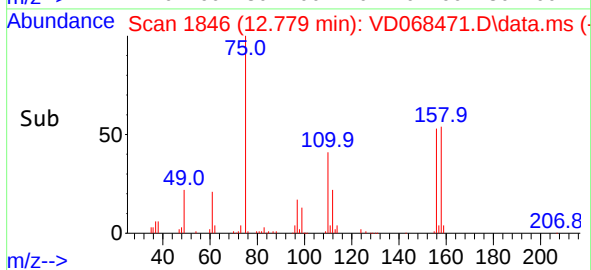
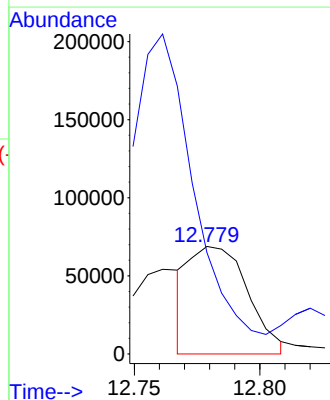
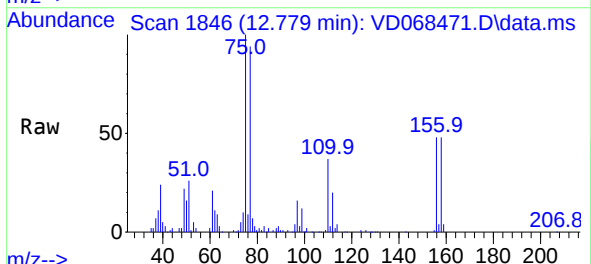
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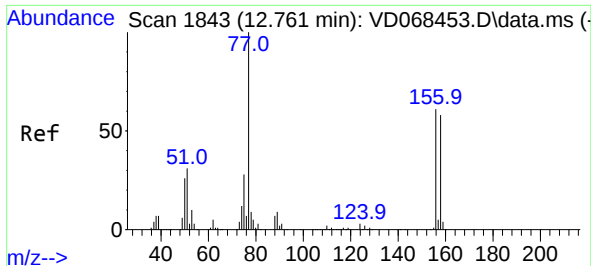
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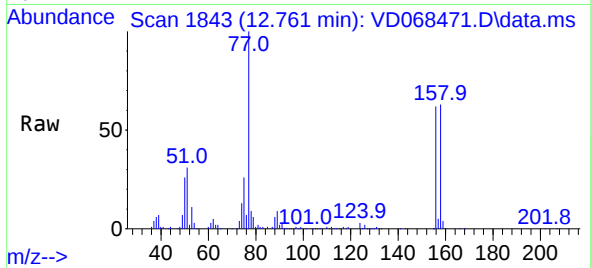
#76
1,2,3-Trichloropropane
Concen: 48.73 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion: 75 Resp: 111304
Ion Ratio Lower Upper
75 100
77 342.3 0.0 0.0#

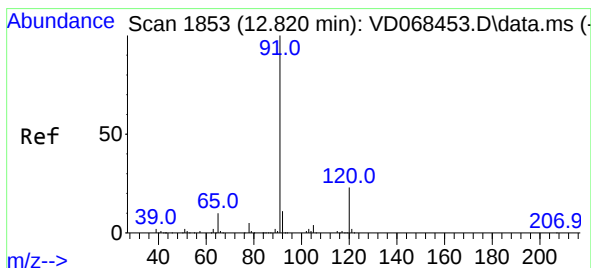
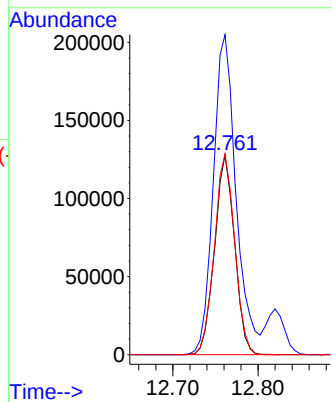
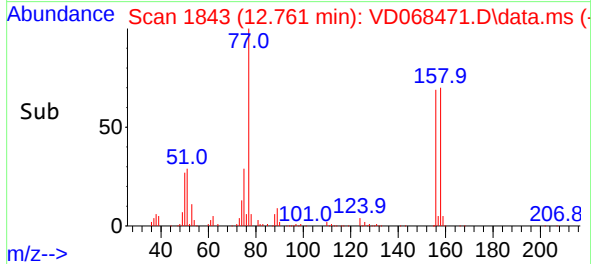




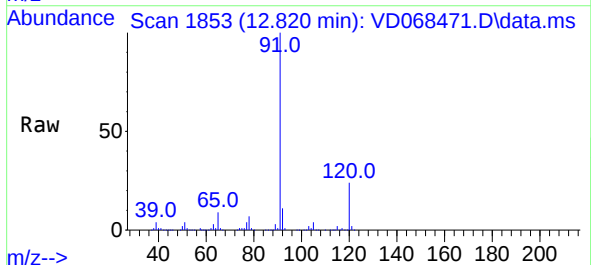
#77
Bromobenzene
Concen: 47.88 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



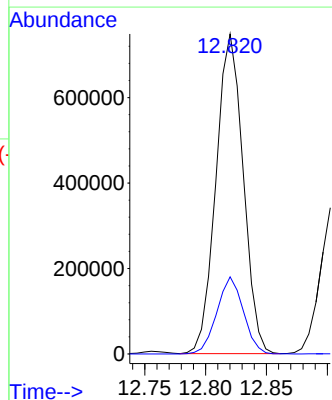
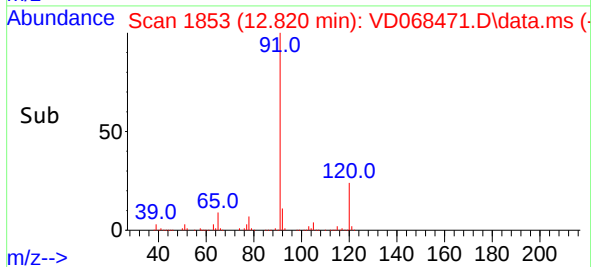
Tgt Ion:156 Resp: 208494
Ion Ratio Lower Upper
156 100
77 182.8 82.8 248.3
158 102.2 48.0 144.0



#78
n-propylbenzene
Concen: 51.00 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



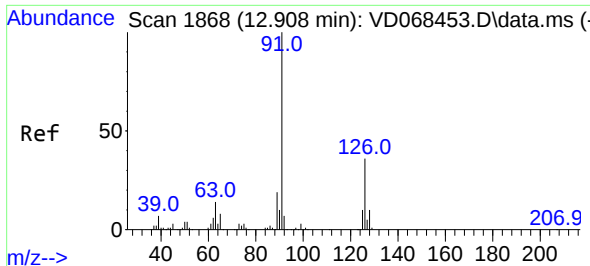
Tgt Ion: 91 Resp: 1162768
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

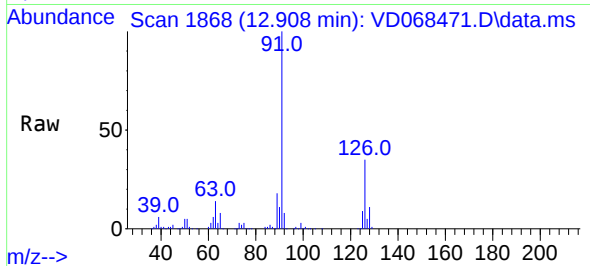
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#79
2-Chlorotoluene
Concen: 49.19 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

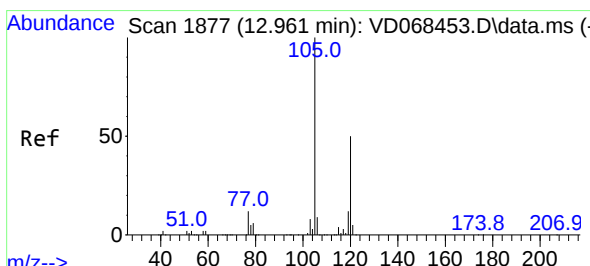
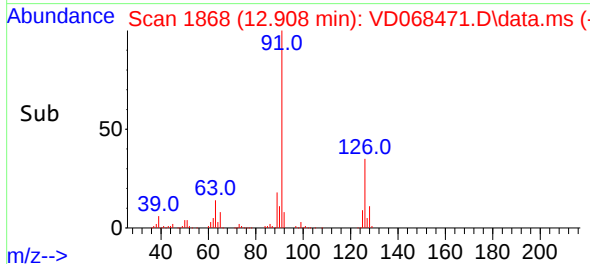
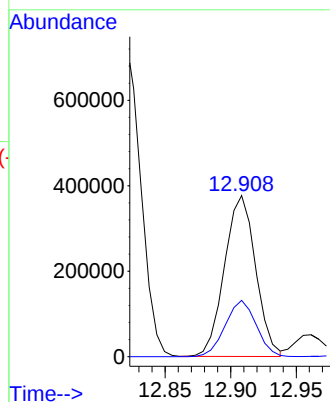
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



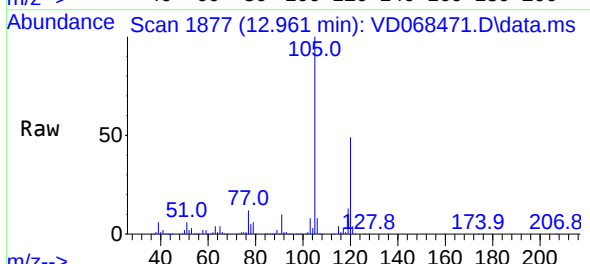
Tgt Ion: 91 Resp: 622480
Ion Ratio Lower Upper
91 100
126 34.9 17.8 53.5

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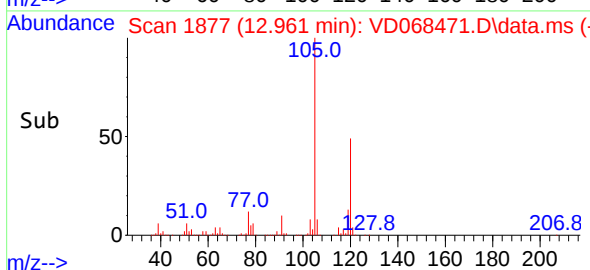
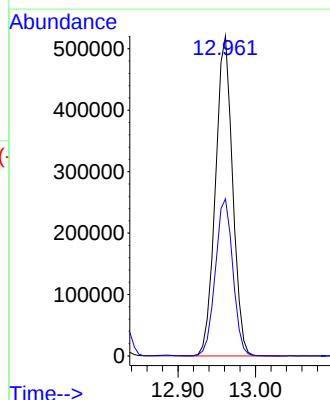
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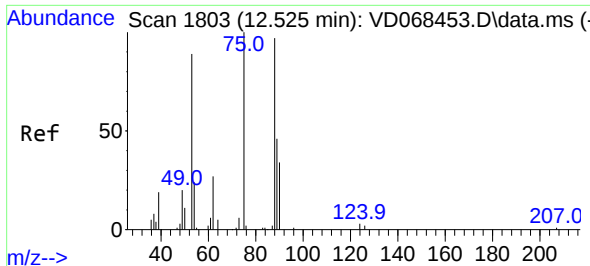


#80
1,3,5-Trimethylbenzene
Concen: 51.10 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



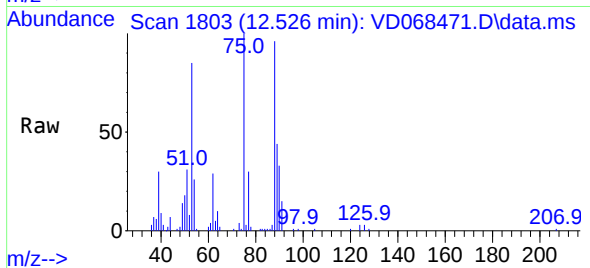
Tgt Ion: 105 Resp: 799190
Ion Ratio Lower Upper
105 100
120 50.1 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.44 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

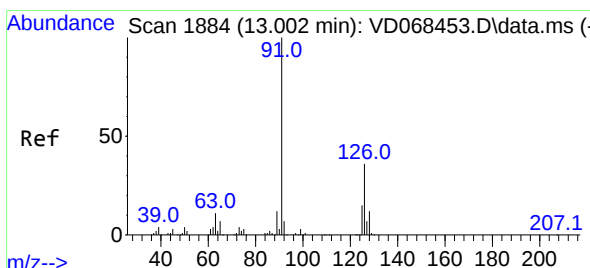
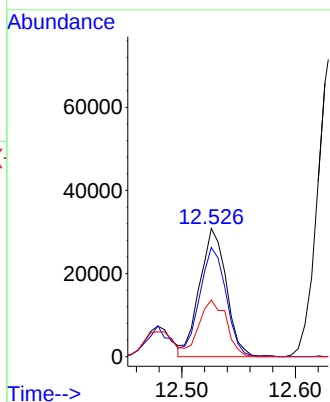
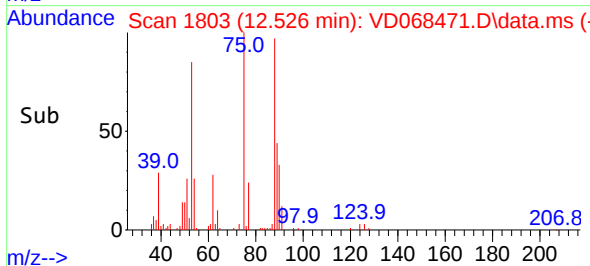
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



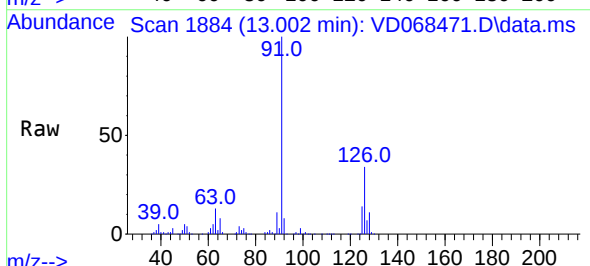
Tgt Ion: 75 Resp: 50346
Ion Ratio Lower Upper
75 100
53 85.2 70.2 105.2
89 44.7 40.3 60.5

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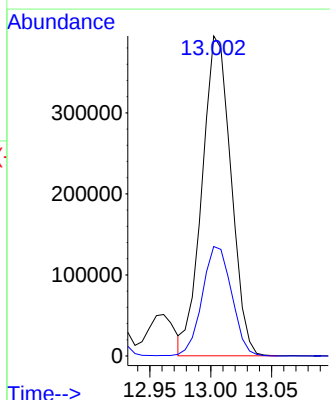
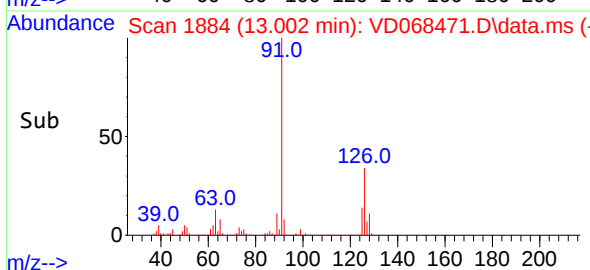
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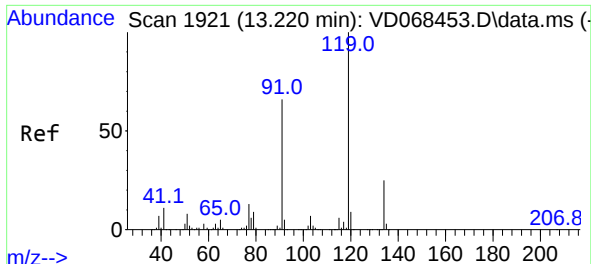


#82
4-Chlorotoluene
Concen: 49.01 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



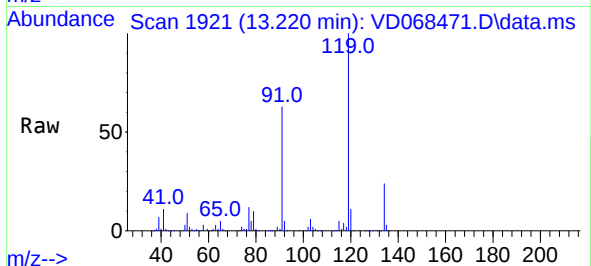
Tgt Ion: 91 Resp: 652600
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1





#83
tert-Butylbenzene
Concen: 52.41 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

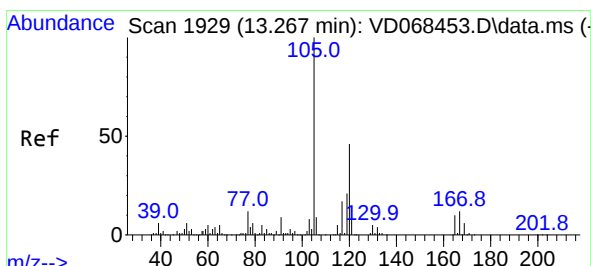
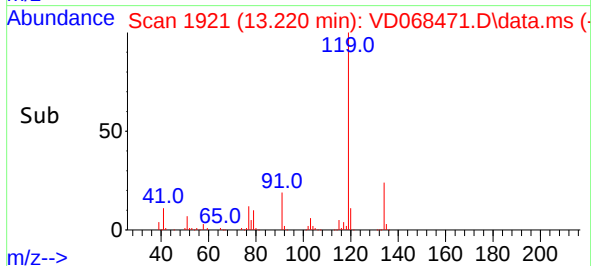
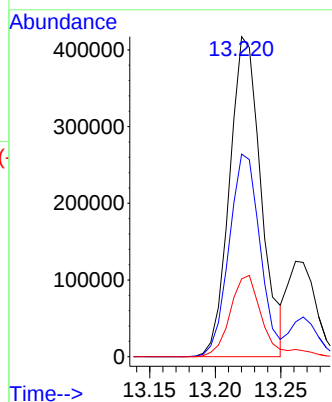
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



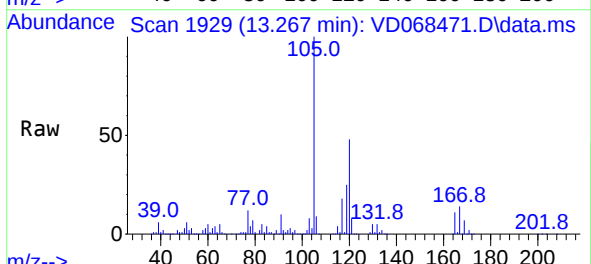
Tgt Ion:119 Resp: 697857
Ion Ratio Lower Upper
119 100
91 62.4 31.1 93.5
134 26.2 13.3 39.8

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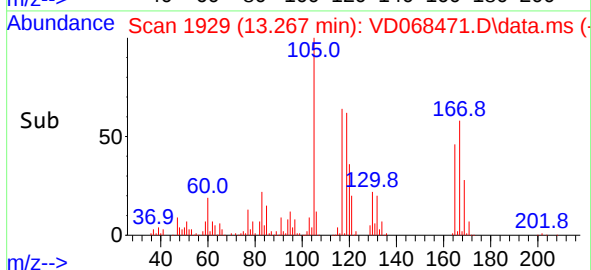
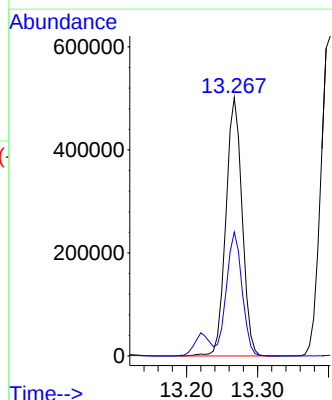
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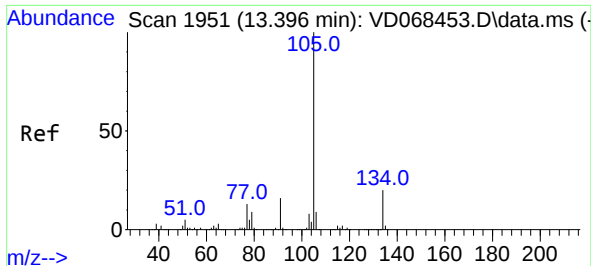


#84
1,2,4-Trimethylbenzene
Concen: 50.68 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



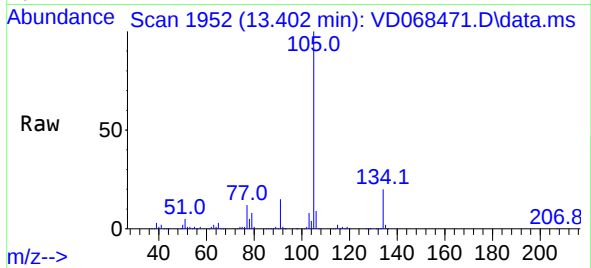
Tgt Ion:105 Resp: 793837
Ion Ratio Lower Upper
105 100
120 46.5 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 52.37 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VD068471.D
 Acq: 01 Mar 2021 10:23

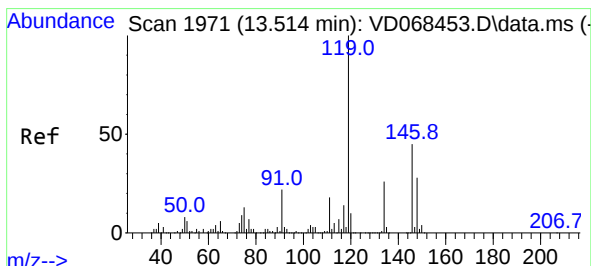
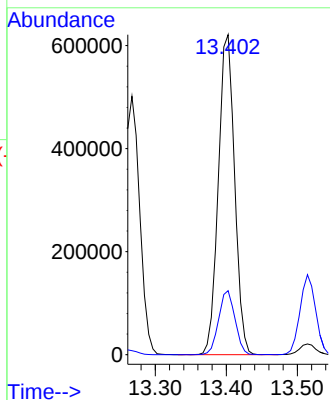
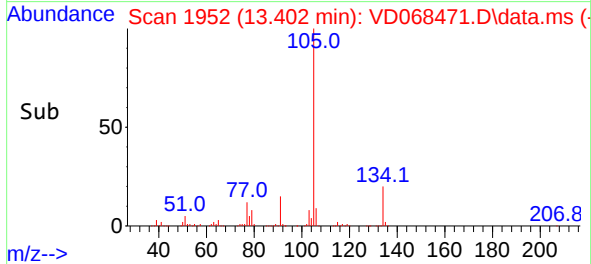
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



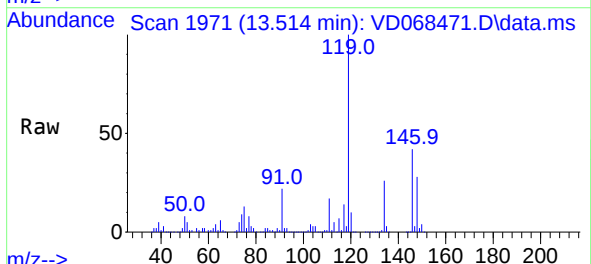
Tgt Ion:105 Resp: 985155
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.9

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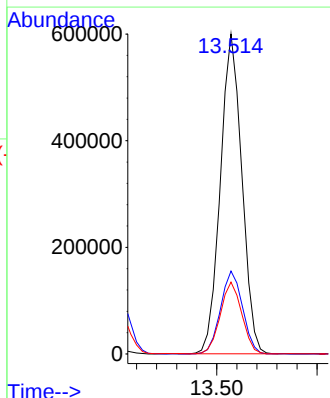
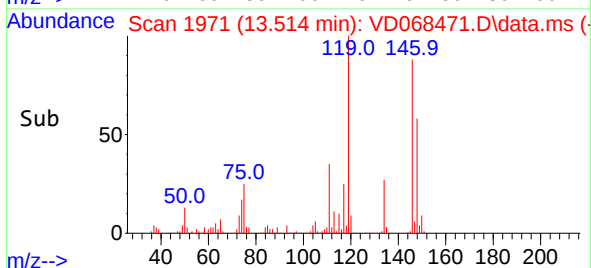
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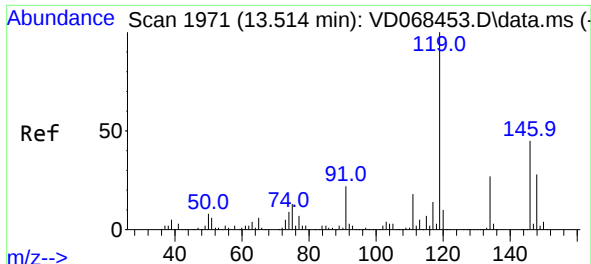


#86
 p-Isopropyltoluene
 Concen: 52.24 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068471.D
 Acq: 01 Mar 2021 10:23



Tgt Ion:119 Resp: 891985
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 22.4 11.7 35.0





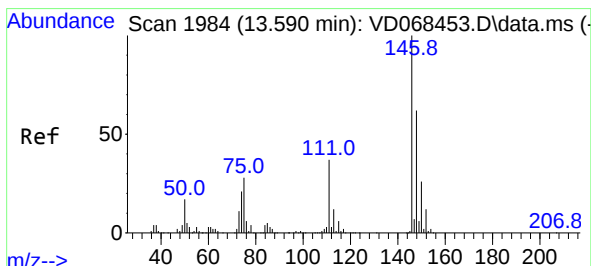
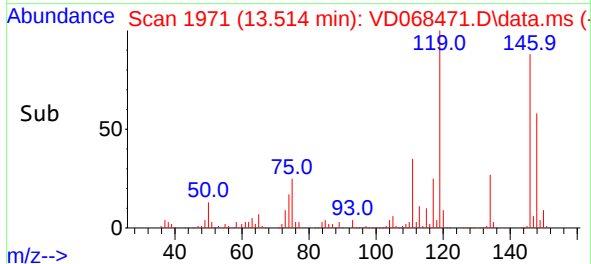
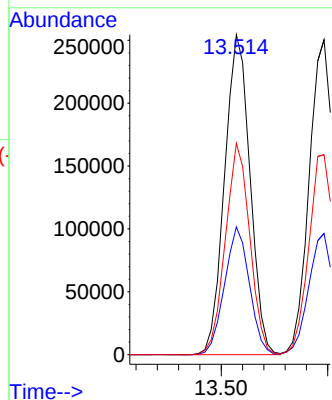
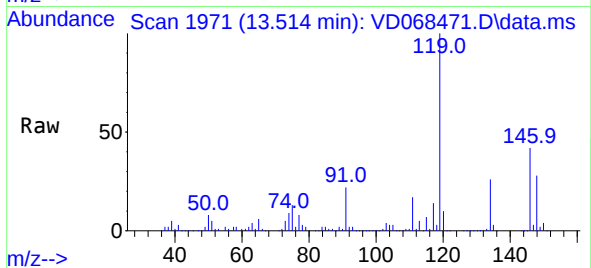
#87
1,3-Dichlorobenzene
Concen: 50.11 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion:146 Resp: 421442
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 63.6 31.6 95.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

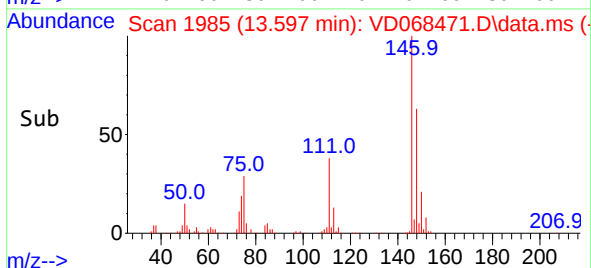
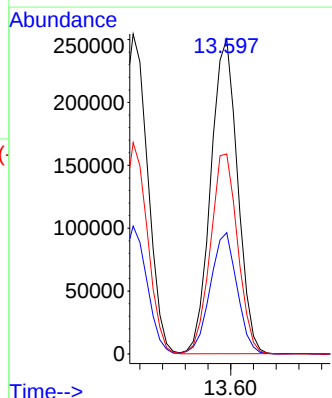
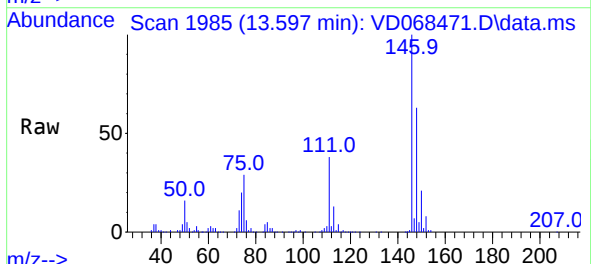
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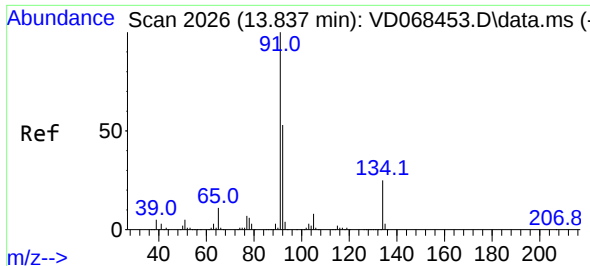
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#88
1,4-Dichlorobenzene
Concen: 49.22 ug/l
RT: 13.597 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

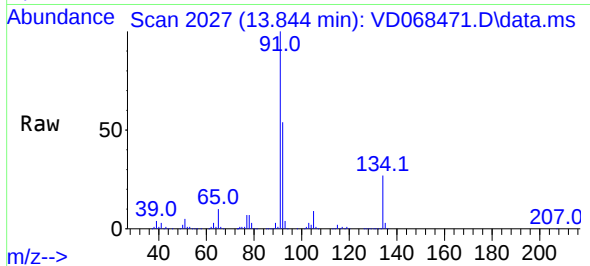
Tgt Ion:146 Resp: 410162
Ion Ratio Lower Upper
146 100
111 38.6 19.1 57.1
148 64.7 31.9 95.7





#89
n-Butylbenzene
Concen: 52.25 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

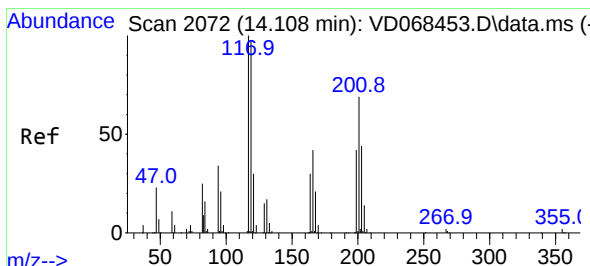
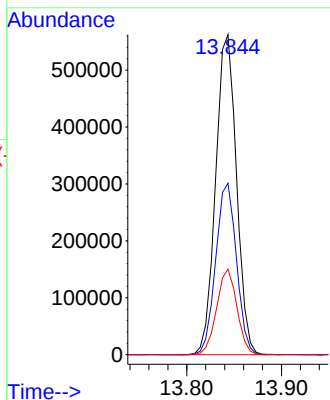
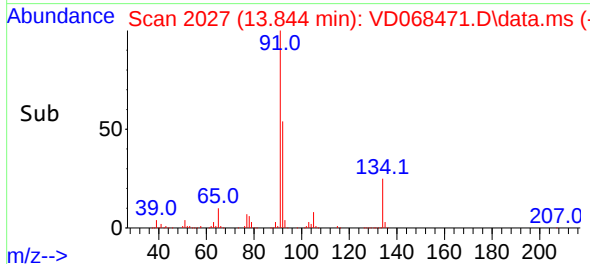
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



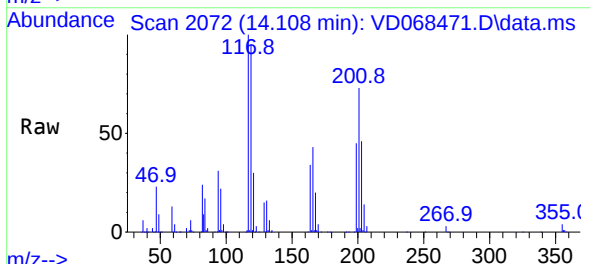
Tgt Ion: 91 Resp: 860636
Ion Ratio Lower Upper
91 100
92 53.3 27.2 81.6
134 26.0 13.9 41.7

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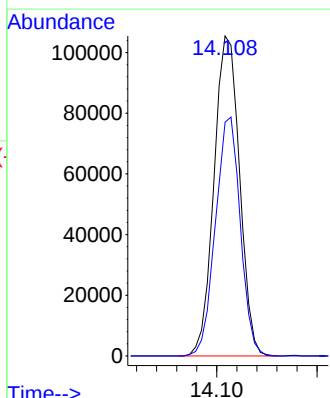
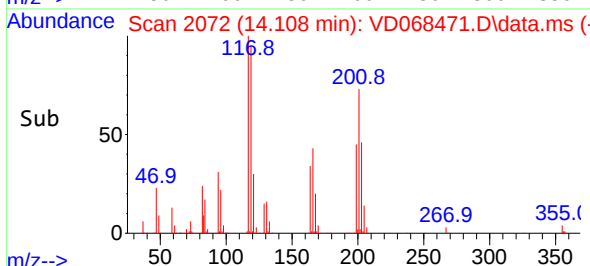
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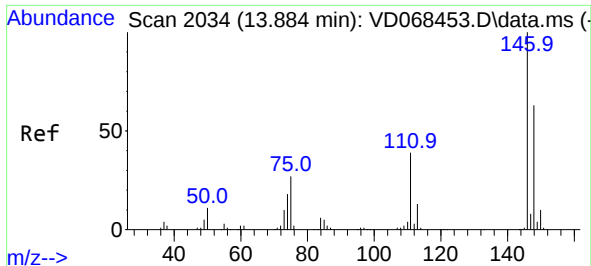


#90
Hexachloroethane
Concen: 54.95 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



Tgt Ion: 117 Resp: 186486
Ion Ratio Lower Upper
117 100
201 72.5 39.5 118.5





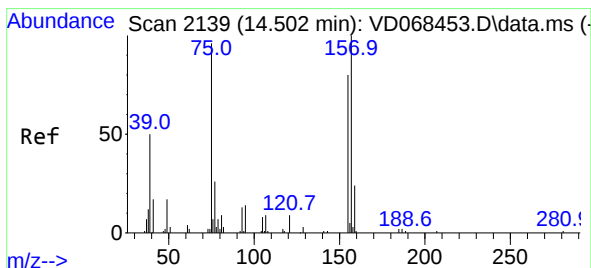
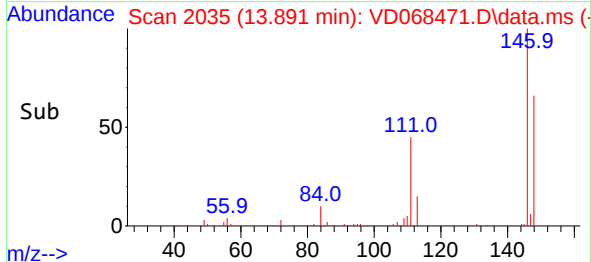
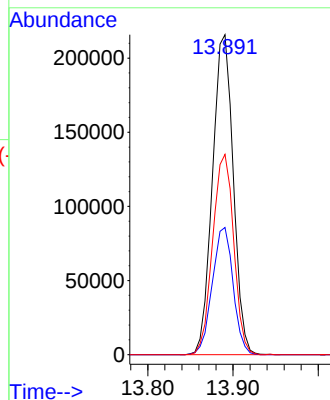
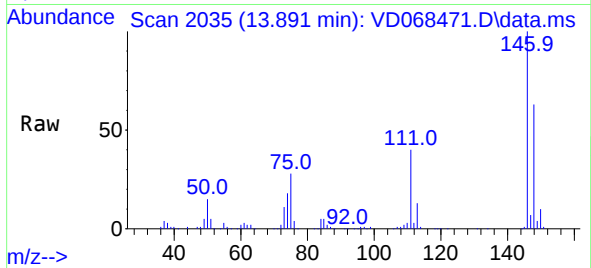
#91
1,2-Dichlorobenzene
Concen: 50.77 ug/l
RT: 13.891 min Scan# 2035
Delta R.T. 0.006 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

Tgt Ion:146 Resp: 366230
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.9
148 63.4 31.7 95.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

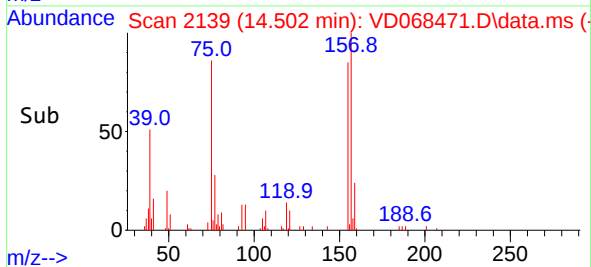
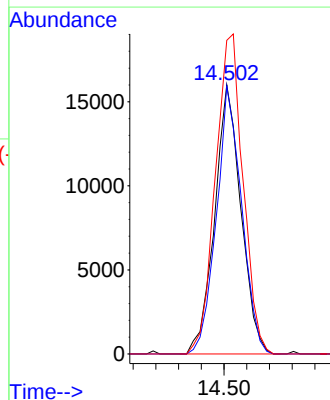
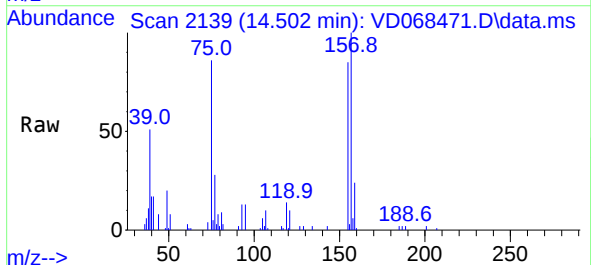
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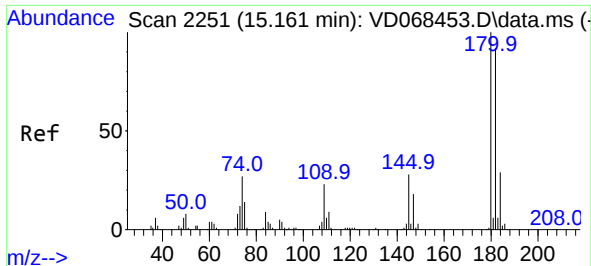
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#92
1,2-Dibromo-3-Chloropropane
Concen: 44.42 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

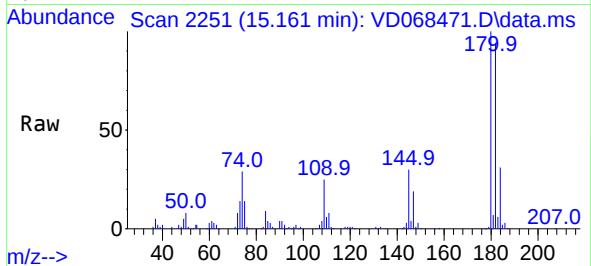
Tgt Ion: 75 Resp: 25705
Ion Ratio Lower Upper
75 100
155 95.5 48.0 144.2
157 125.1 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 52.04 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

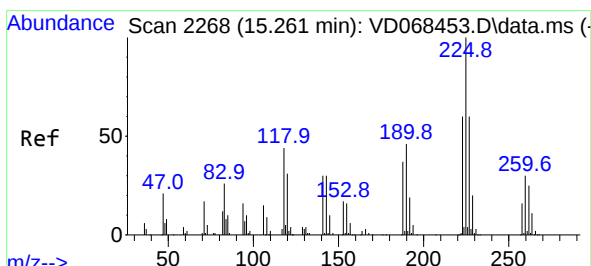
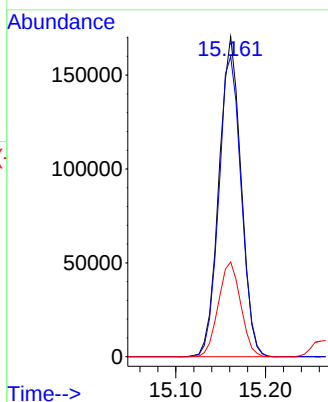
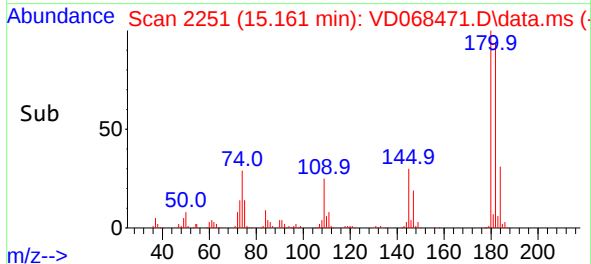
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



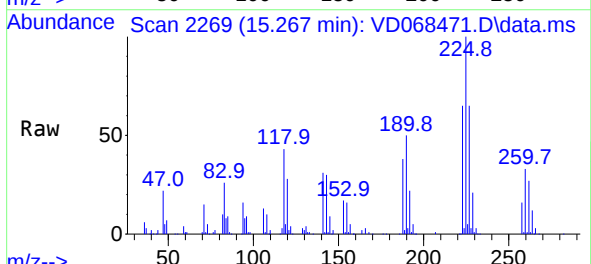
Tgt Ion:180 Resp: 289994
Ion Ratio Lower Upper
180 100
182 95.6 46.8 140.4
145 30.1 15.2 45.5

Manual Integrations
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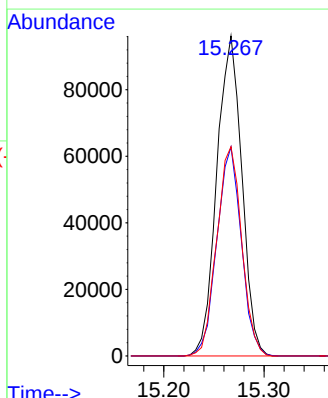
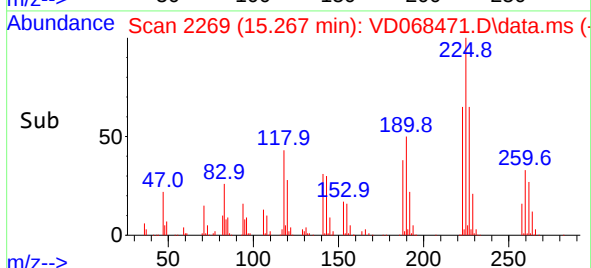
MMDadoda
3/2/2021 3:27:17 PM

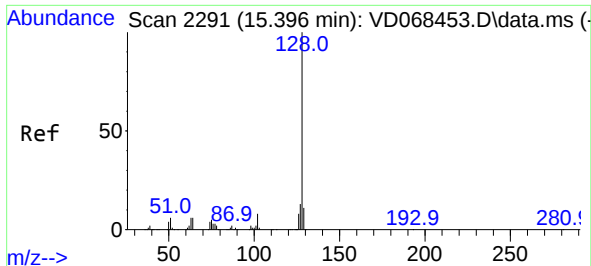


#94
Hexachlorobutadiene
Concen: 53.92 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23

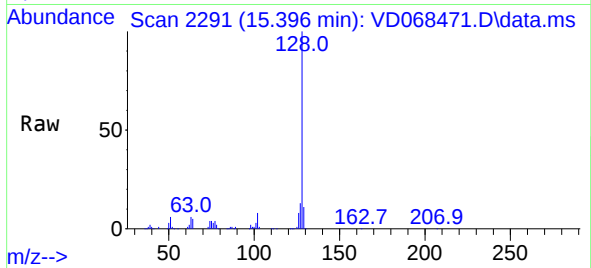


Tgt Ion:225 Resp: 166766
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.5
227 65.2 32.1 96.5

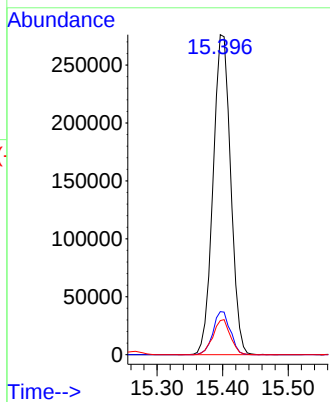
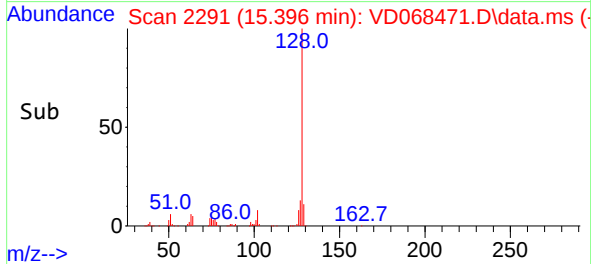




#95
Naphthalene
Concen: 50.88 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



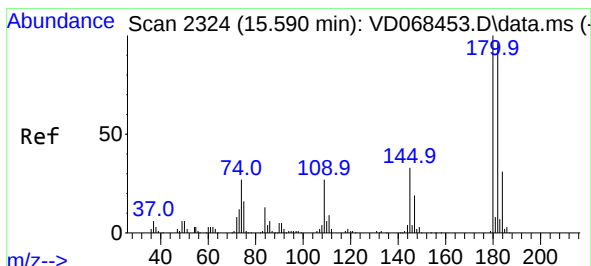
Tgt Ion:128 Resp: 513336
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.8 8.8 13.2



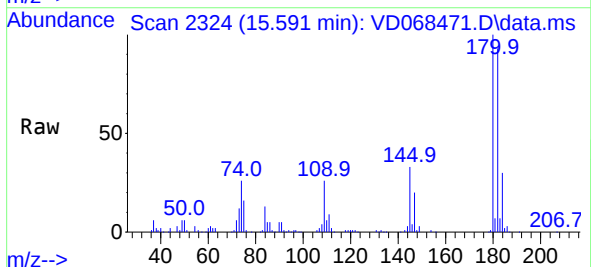
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
3/2/2021 3:27:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.82 ug/l
RT: 15.591 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068471.D
Acq: 01 Mar 2021 10:23



Tgt Ion:180 Resp: 240329
Ion Ratio Lower Upper
180 100
182 96.0 48.3 144.8
145 32.7 16.7 50.1

