

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068293.D
 Acq On : 04 Feb 2021 22:45
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/5/2021 10:50:38 AM

Quant Time: Feb 05 00:08:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	290112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	541486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	502226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	233344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	142357	51.30	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	102.60%		
35) Dibromofluoromethane	7.920	113	147031	49.11	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.22%		
50) Toluene-d8	10.343	98	527098	44.02	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.04%		
62) 4-Bromofluorobenzene	12.632	95	195677	45.38	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.76%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	141998	41.20	ug/l	99
3) Chloromethane	2.209	50	203135	54.73	ug/l	97
4) Vinyl Chloride	2.350	62	223846	54.23	ug/l	98
5) Bromomethane	2.773	94	157424	55.61	ug/l	97
6) Chloroethane	2.920	64	153339	60.81	ug/l	99
7) Trichlorofluoromethane	3.279	101	255598	47.17	ug/l	99
8) Diethyl Ether	3.709	74	89709	56.23	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.103	101	155665	49.26	ug/l	93
10) Methyl Iodide	4.303	142	170744	48.28	ug/l	94
11) Tert butyl alcohol	5.226	59	50840	187.85	ug/l	99
12) 1,1-Dichloroethene	4.067	96	157389	49.52	ug/l	93
13) Acrolein	3.926	56	52579	240.42	ug/l	99
14) Allyl chloride	4.720	41	234301	50.68	ug/l	97
15) Acrylonitrile	5.420	53	201406	318.71	ug/l	99
16) Acetone	4.161	43	129304	260.94	ug/l	97
17) Carbon Disulfide	4.414	76	491650	48.03	ug/l	99
18) Methyl Acetate	4.720	43	88633	68.92	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	412106	56.08	ug/l #	89
20) Methylene Chloride	4.967	84	205100	60.11	ug/l #	87
21) trans-1,2-Dichloroethene	5.473	96	195167	53.49	ug/l	98
22) Diisopropyl ether	6.367	45	532809	57.11	ug/l #	91
23) Vinyl Acetate	6.308	43	1414814	284.51	ug/l	98
24) 1,1-Dichloroethane	6.267	63	343471	56.82	ug/l	99
25) 2-Butanone	7.214	43	213083	285.58	ug/l	99
26) 2,2-Dichloropropane	7.208	77	264088	46.18	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	223244	56.35	ug/l	94
28) Bromochloromethane	7.550	49	115889	56.27	ug/l #	77
29) Tetrahydrofuran	7.561	42	143396	296.47	ug/l	94
30) Chloroform	7.714	83	356824	58.42	ug/l	97
31) Cyclohexane	7.985	56	264563	44.03	ug/l	92
32) 1,1,1-Trichloroethane	7.908	97	289627	52.61	ug/l	95
36) 1,1-Dichloropropene	8.114	75	258526	47.34	ug/l	96
37) Ethyl Acetate	7.297	43	100779	52.18	ug/l	98
38) Carbon Tetrachloride	8.097	117	238748	46.71	ug/l	96
39) Methylcyclohexane	9.355	83	305653	42.81	ug/l	97
40) Benzene	8.355	78	790951	51.80	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	68264	58.56	ug/l	89
42) 1,2-Dichloroethane	8.426	62	219959	53.92	ug/l	98
43) Isopropyl Acetate	8.455	43	202731	50.36	ug/l	96
44) Trichloroethene	9.114	130	207458	49.48	ug/l	98
45) 1,2-Dichloropropane	9.391	63	200027	53.50	ug/l	97
46) Dibromomethane	9.479	93	106258	56.09	ug/l	93
47) Bromodichloromethane	9.667	83	274883	53.77	ug/l	99
48) Methyl methacrylate	9.455	41	96253	48.04	ug/l	92
49) 1,4-Dioxane	9.467	88	23771	1070.72	ug/l #	86
51) 4-Methyl-2-Pentanone	10.232	43	517450	276.54	ug/l	97
52) Toluene	10.408	92	509997	51.27	ug/l	97
53) t-1,3-Dichloropropene	10.626	75	262116	50.66	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	312639	50.76	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	150090	55.90	ug/l	91
56) Ethyl methacrylate	10.661	69	186235	52.07	ug/l	97
57) 1,3-Dichloropropane	10.949	76	264786	55.89	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.943	63	452954	274.45	ug/l	91
59) 2-Hexanone	10.985	43	342850	264.33	ug/l	98
60) Dibromochloromethane	11.143	129	178353	52.98	ug/l	98
61) 1,2-Dibromoethane	11.249	107	142766	53.89	ug/l	98
64) Tetrachloroethene	10.879	164	159818	45.15	ug/l	98
65) Chlorobenzene	11.673	112	538850	50.50	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	193285	51.49	ug/l	98
67) Ethyl Benzene	11.743	91	970444	49.12	ug/l	96
68) m/p-Xylenes	11.855	106	725233	97.23	ug/l	97
69) o-Xylene	12.179	106	339984	49.08	ug/l	98
70) Styrene	12.196	104	593808	50.22	ug/l	99
71) Bromoform	12.361	173	96703	50.83	ug/l #	99
73) Isopropylbenzene	12.479	105	911736	46.96	ug/l	100
74) N-amyl acetate	12.290	43	188037	46.59	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.732	83	166706	53.98	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	122873m	54.46	ug/l	
77) Bromobenzene	12.761	156	201618	48.43	ug/l	85
78) n-propylbenzene	12.820	91	1085739	47.26	ug/l	97
79) 2-Chlorotoluene	12.908	91	618728	47.97	ug/l	96
80) 1,3,5-Trimethylbenzene	12.961	105	760651	47.04	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	51296	46.01	ug/l	96
82) 4-Chlorotoluene	13.002	91	646135	48.18	ug/l	97
83) tert-Butylbenzene	13.226	119	638322	46.58	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	761163	47.42	ug/l	98
85) sec-Butylbenzene	13.402	105	891760	46.53	ug/l	97
86) p-Isopropyltoluene	13.514	119	803970	46.12	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	398559	49.80	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	389558	49.40	ug/l	98
89) n-Butylbenzene	13.843	91	760234	45.44	ug/l	98
90) Hexachloroethane	14.108	117	149474	47.47	ug/l	89
91) 1,2-Dichlorobenzene	13.890	146	345883	50.45	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	24721	48.91	ug/l	85
93) 1,2,4-Trichlorobenzene	15.161	180	225022	47.88	ug/l	98
94) Hexachlorobutadiene	15.267	225	118480	45.47	ug/l	98
95) Naphthalene	15.396	128	455573	51.70	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	196670	49.61	ug/l	98

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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

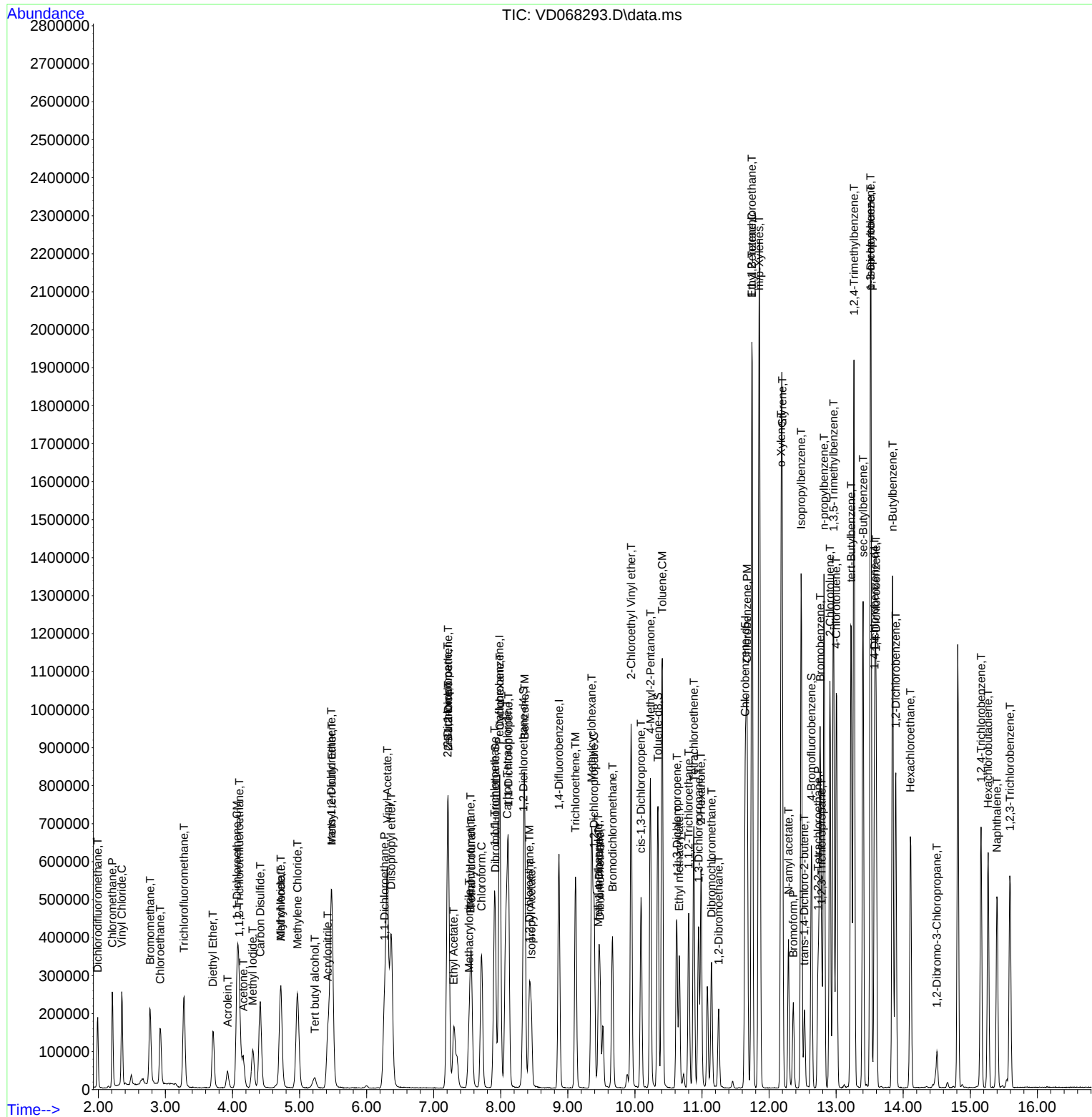
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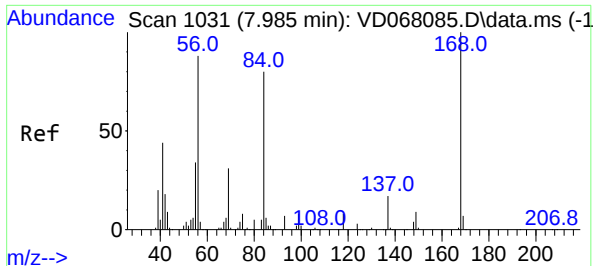
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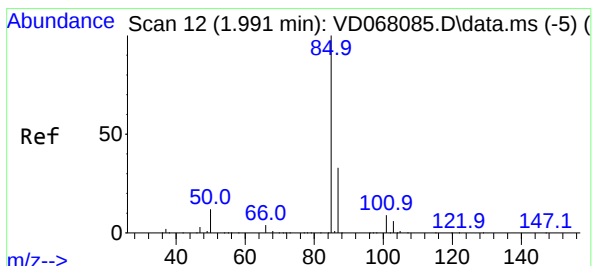
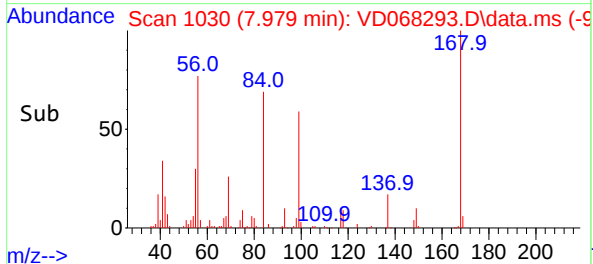
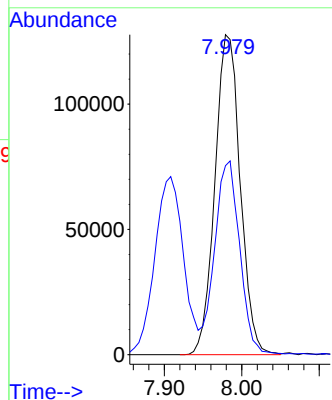
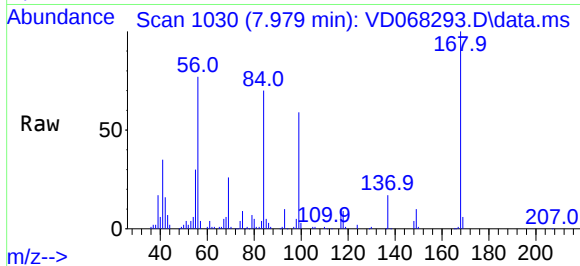
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 168 Resp: 290112
Ion Ratio Lower Upper
168 100
99 58.7 43.5 65.3

Instrument :
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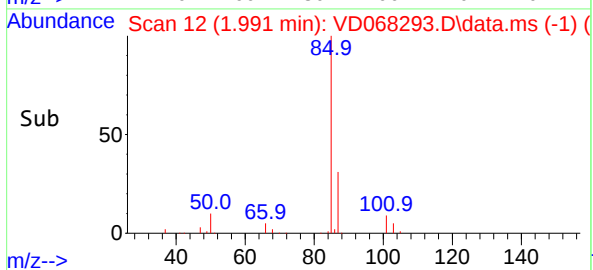
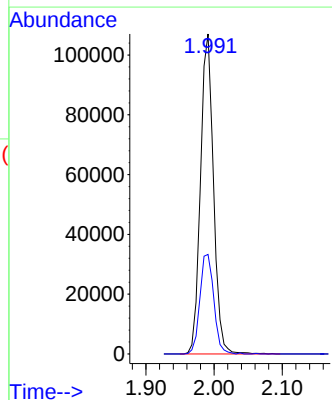
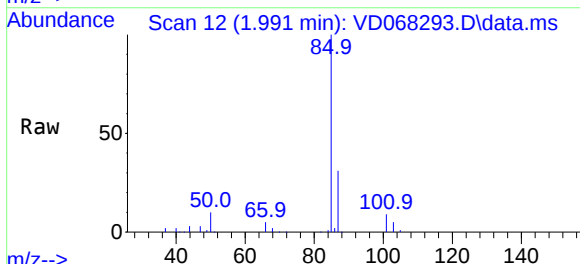
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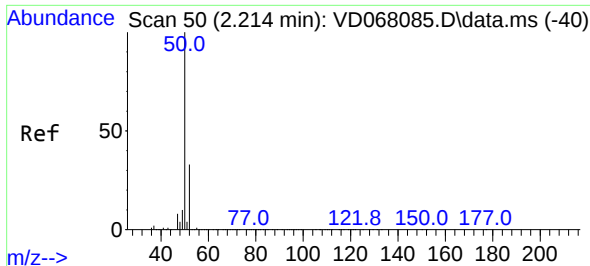
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#2
Dichlorodifluoromethane
Concen: 41.20 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

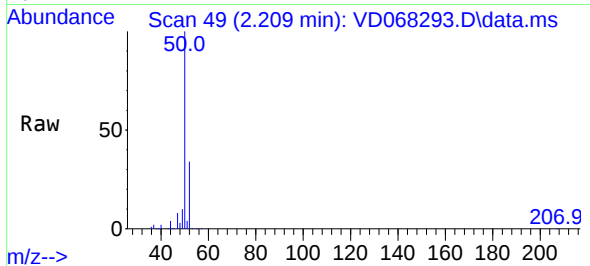
Tgt Ion: 85 Resp: 141998
Ion Ratio Lower Upper
85 100
87 31.1 15.4 46.1





#3
Chloromethane
Concen: 54.73 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.005 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

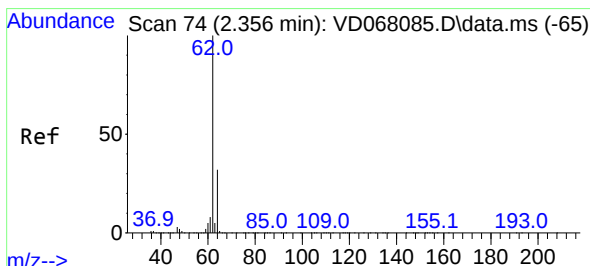
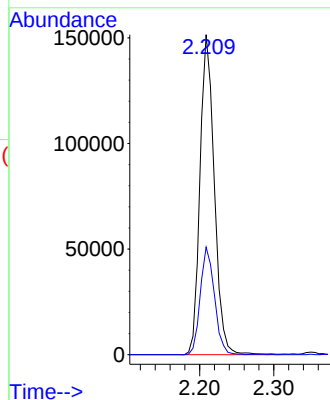
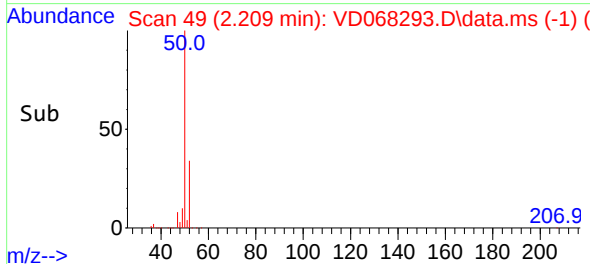
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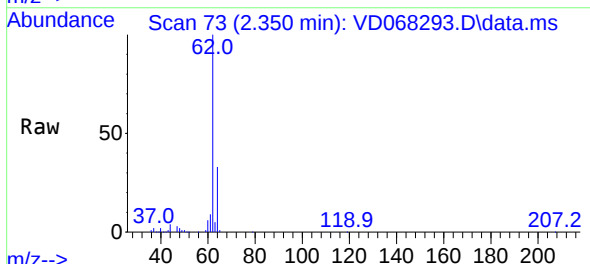
Tgt Ion: 50 Resp: 203135
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2

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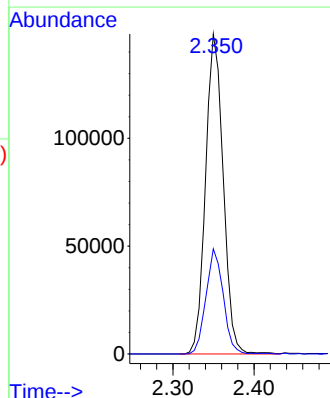
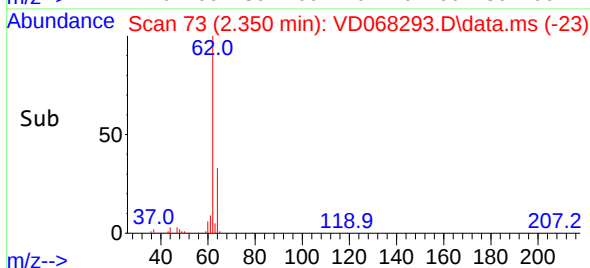
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2/5/2021 10:50:38 AM



#4
Vinyl Chloride
Concen: 54.23 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



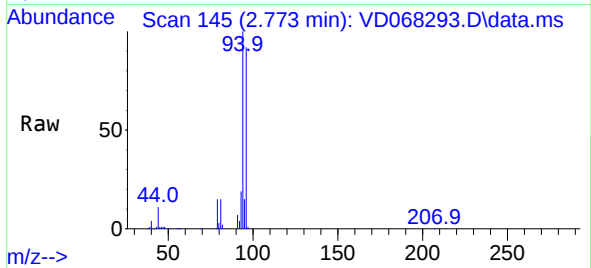
Tgt Ion: 62 Resp: 223846
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.2



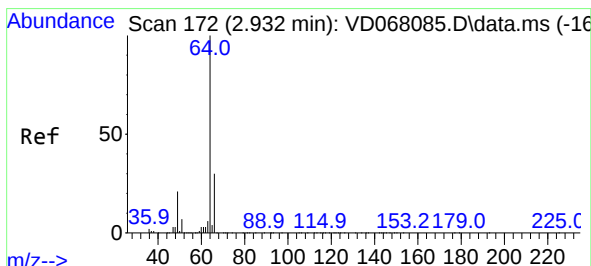
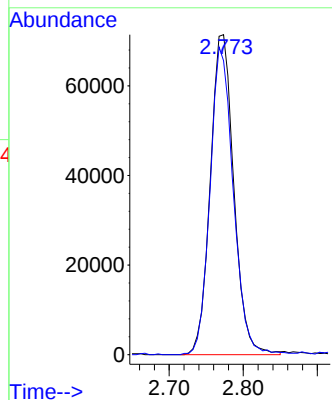
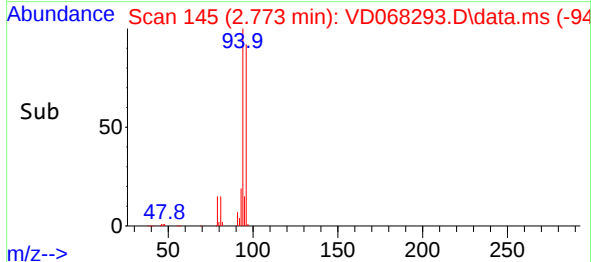


#5
Bromomethane
Concen: 55.61 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

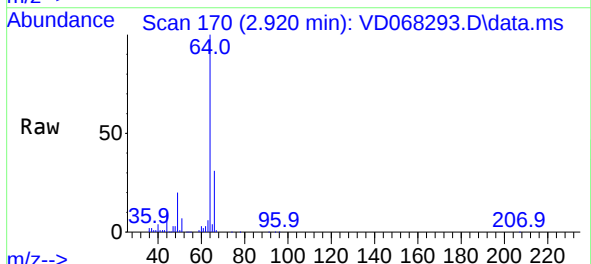
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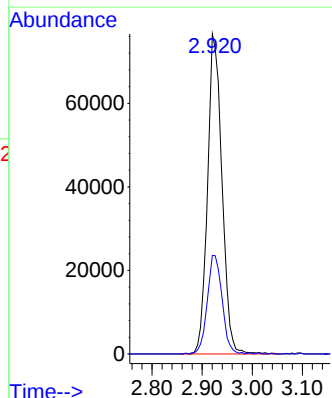
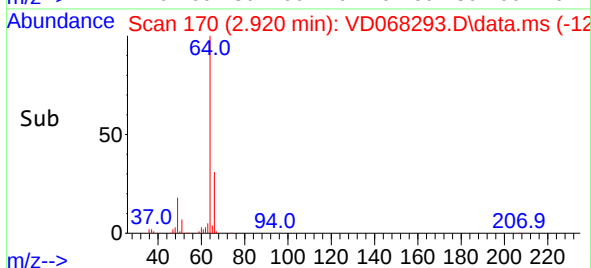
Tgt Ion: 94 Resp: 157424
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.8

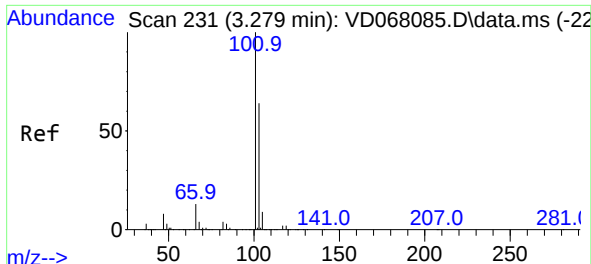


#6
Chloroethane
Concen: 60.81 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.012 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



Tgt Ion: 64 Resp: 153339
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7





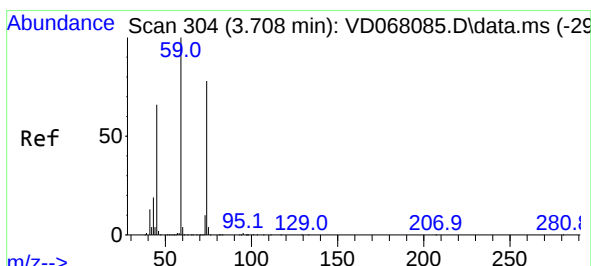
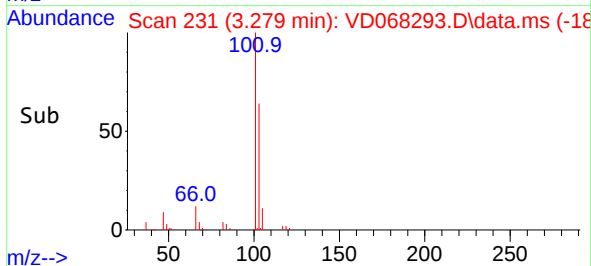
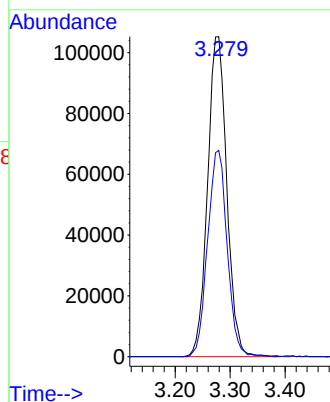
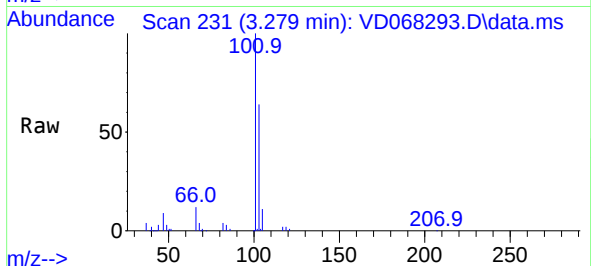
#7
Trichlorofluoromethane
Concen: 47.17 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion:101 Resp: 255598
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

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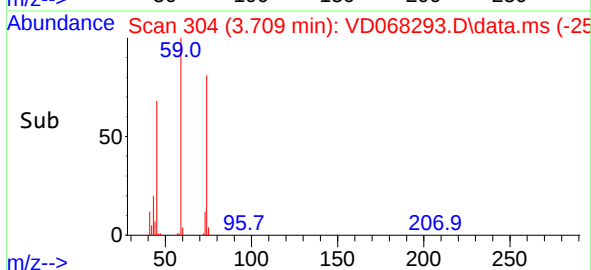
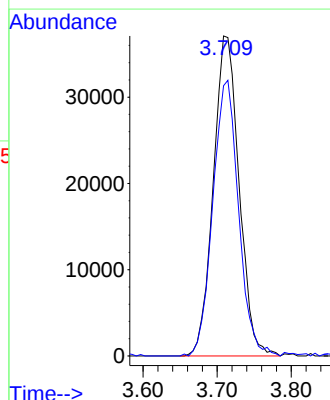
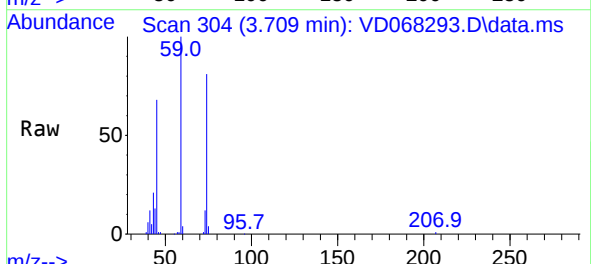
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#8
Diethyl Ether
Concen: 56.23 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.001 min
Lab File: VD068293.D
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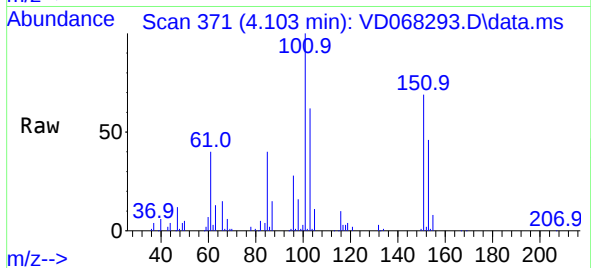
Tgt Ion: 74 Resp: 89709
Ion Ratio Lower Upper
74 100
45 85.9 42.1 126.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.26 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.001 min
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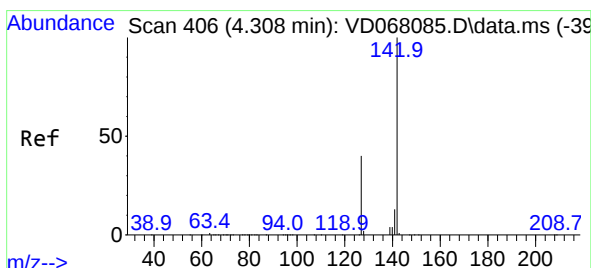
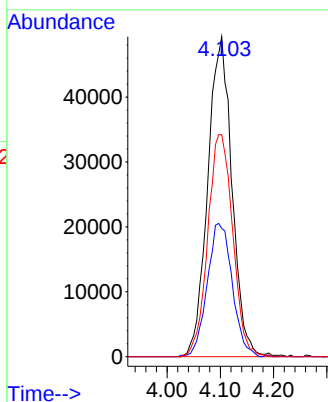
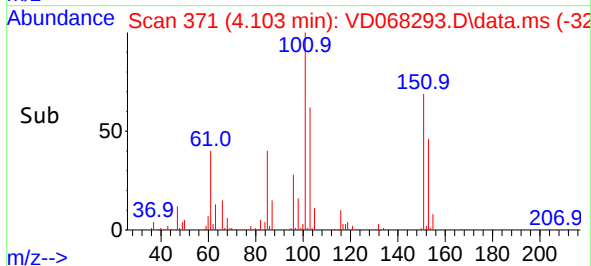
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



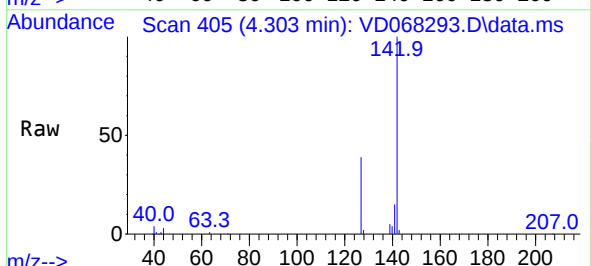
Tgt Ion:101 Resp: 155665
Ion Ratio Lower Upper
101 100
85 43.0 34.0 51.0
151 71.6 64.1 96.1

Manual Integrations
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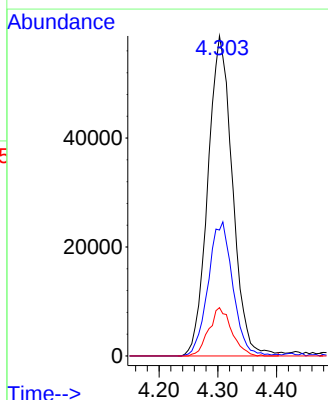
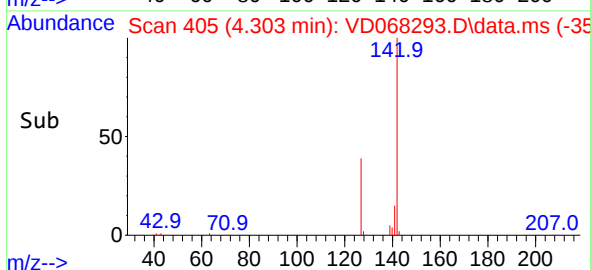
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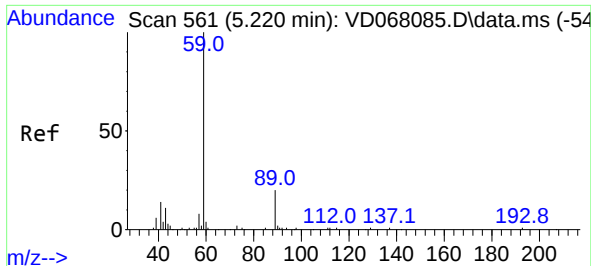


#10
Methyl Iodide
Concen: 48.28 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



Tgt Ion:142 Resp: 170744
Ion Ratio Lower Upper
142 100
127 42.0 37.9 56.9
141 14.0 11.5 17.3





#11

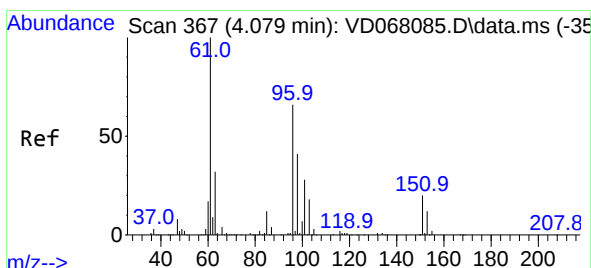
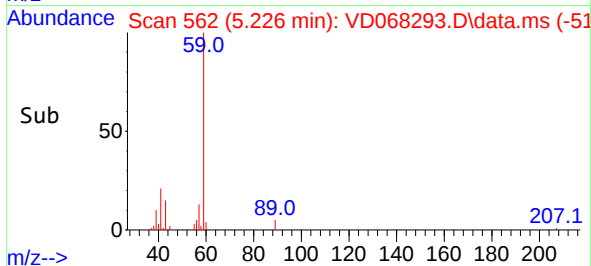
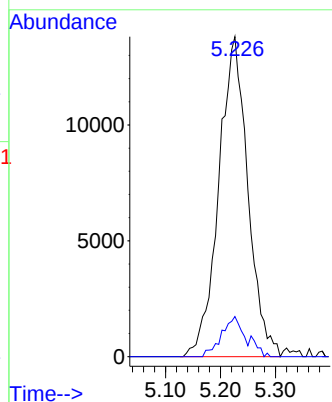
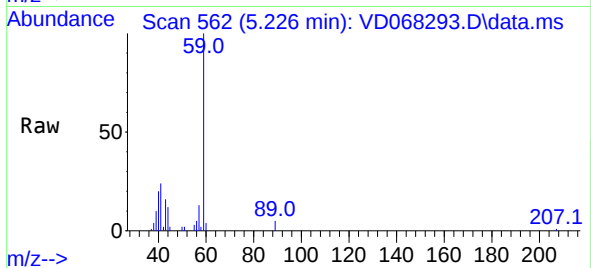
Tert butyl alcohol
Concen: 187.85 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 59 Resp: 50840
Ion Ratio Lower Upper
59 100
57 8.9 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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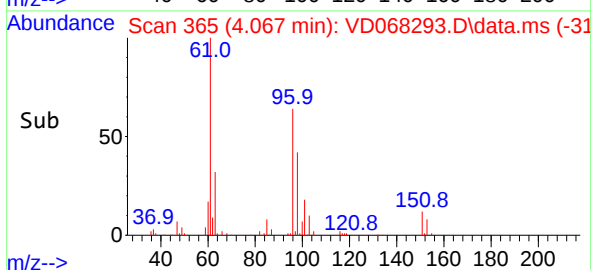
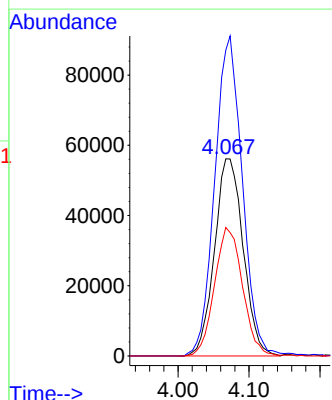
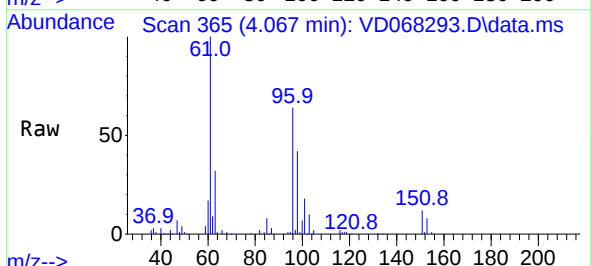
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2/5/2021 10:50:38 AM

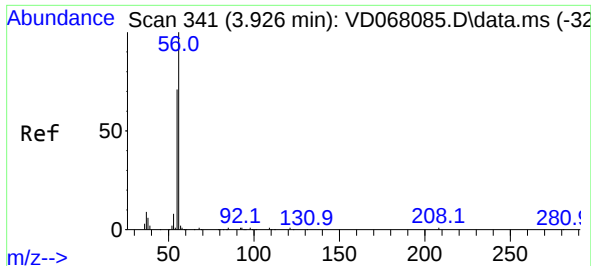


#12

1,1-Dichloroethene
Concen: 49.52 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.012 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 96 Resp: 157389
Ion Ratio Lower Upper
96 100
61 155.1 116.2 174.4
98 65.2 48.6 73.0





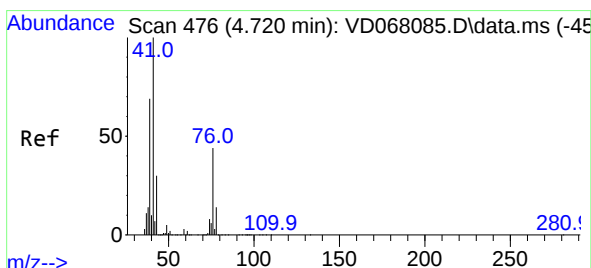
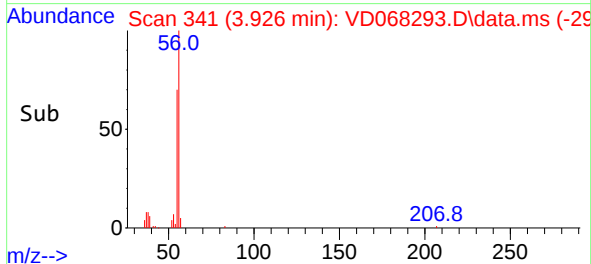
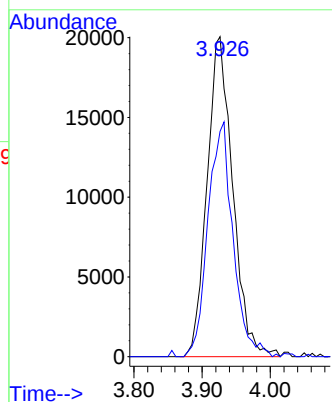
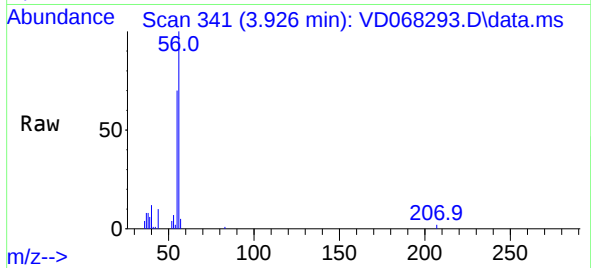
#13
Acrolein
Concen: 240.42 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 56 Resp: 52579
Ion Ratio Lower Upper
56 100
55 71.6 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

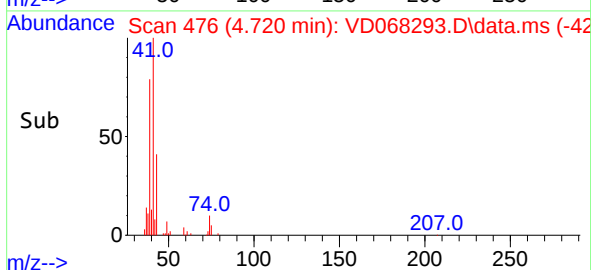
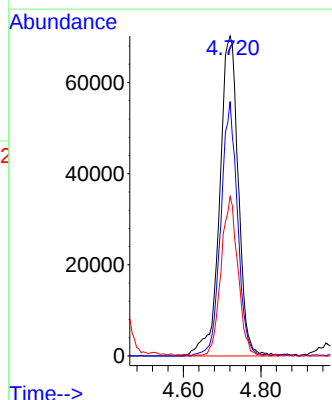
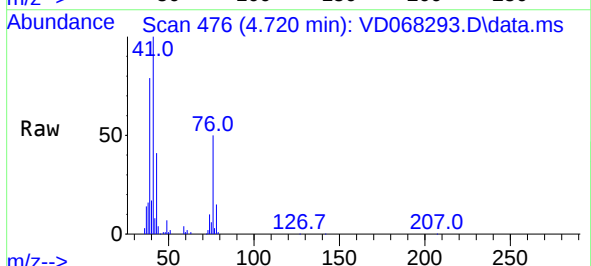
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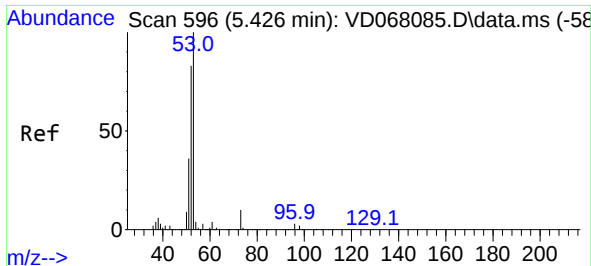
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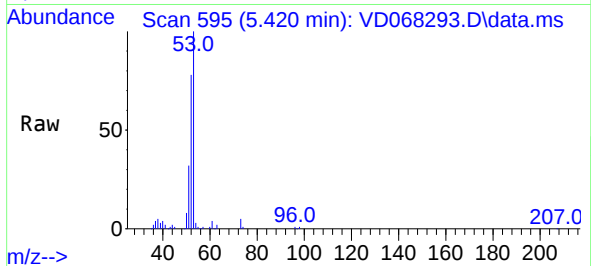
#14
Allyl chloride
Concen: 50.68 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 41 Resp: 234301
Ion Ratio Lower Upper
41 100
39 71.4 56.3 84.5
76 45.0 38.9 58.3

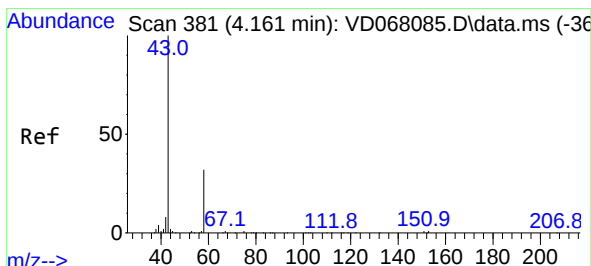
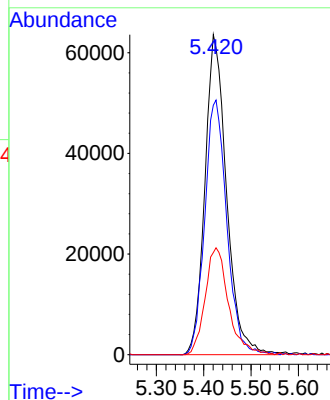
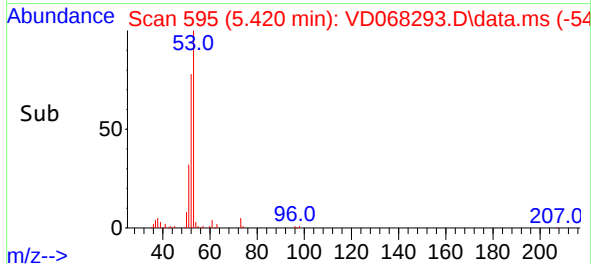




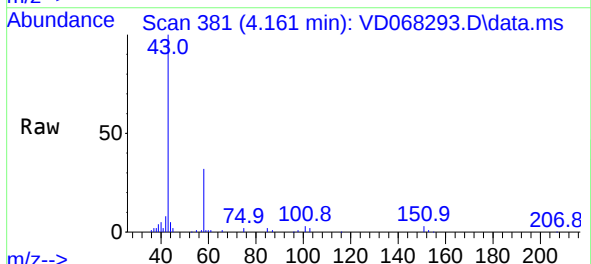
#15
Acrylonitrile
Concen: 318.71 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



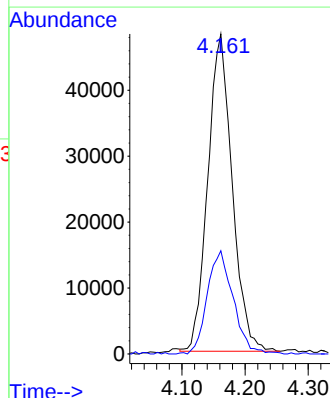
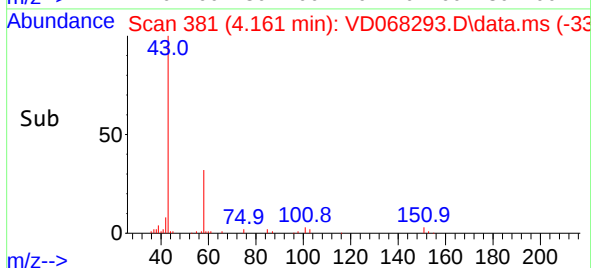
Tgt Ion: 53 Resp: 201406
Ion Ratio Lower Upper
53 100
52 81.3 66.2 99.2
51 36.1 29.0 43.4



#16
Acetone
Concen: 260.94 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



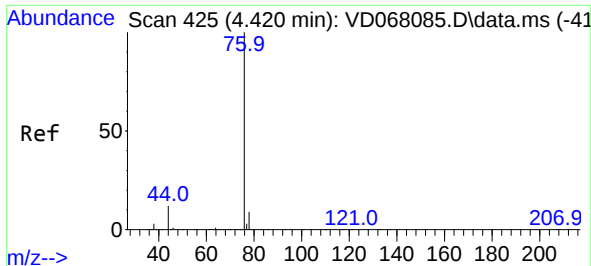
Tgt Ion: 43 Resp: 129304
Ion Ratio Lower Upper
43 100
58 32.2 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

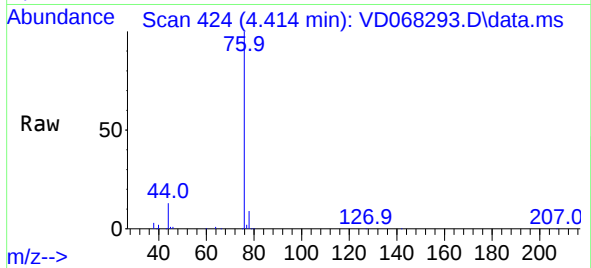
Manual Integrations
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#17
Carbon Disulfide
Concen: 48.03 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

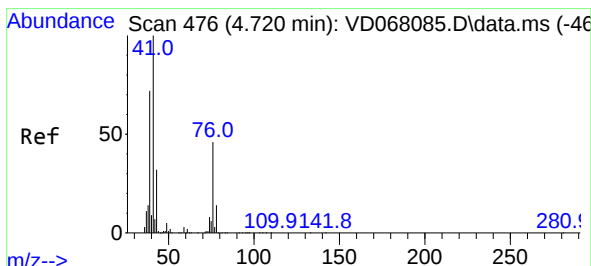
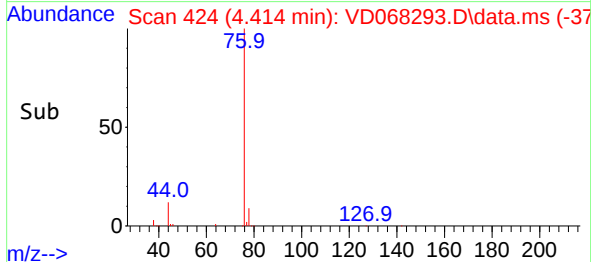
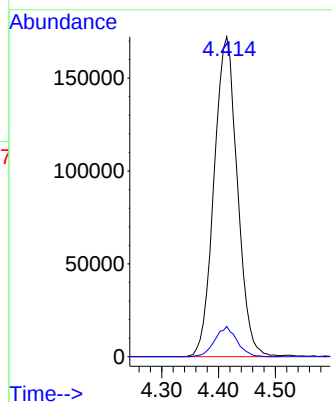
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 491650
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

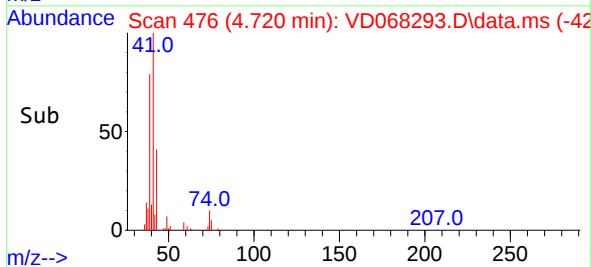
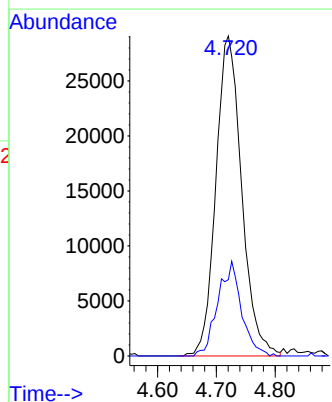
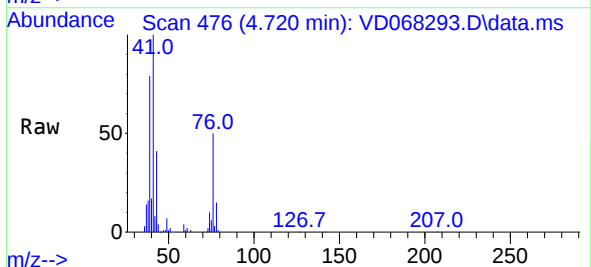
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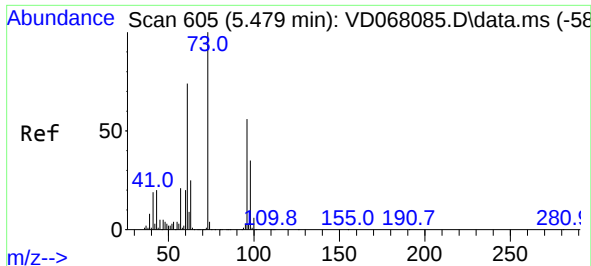
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#18
Methyl Acetate
Concen: 68.92 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 43 Resp: 88633
Ion Ratio Lower Upper
43 100
74 27.1 25.4 38.0





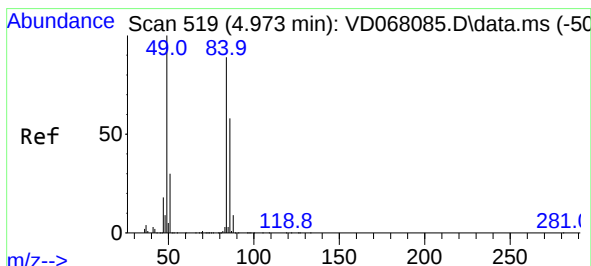
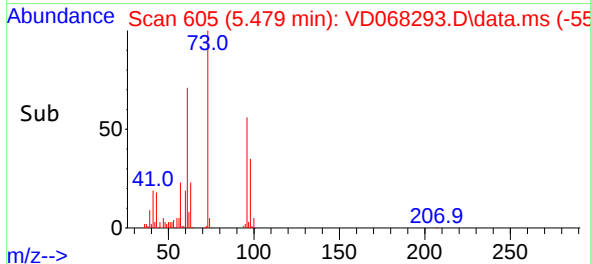
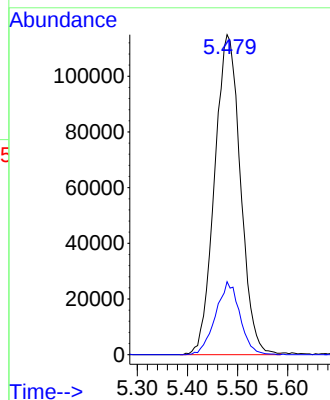
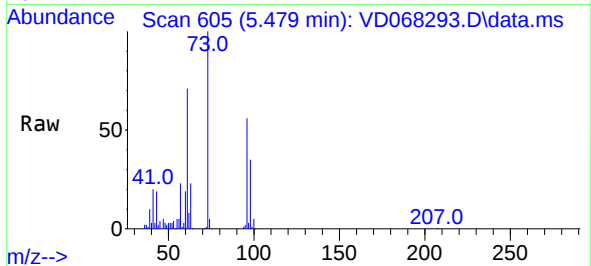
#19
Methyl tert-butyl Ether
Concen: 56.08 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 73 Resp: 412106
Ion Ratio Lower Upper
73 100
57 22.8 14.4 21.6#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

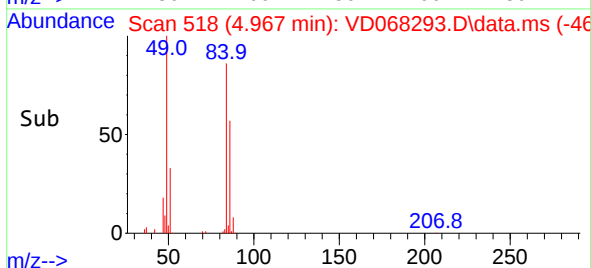
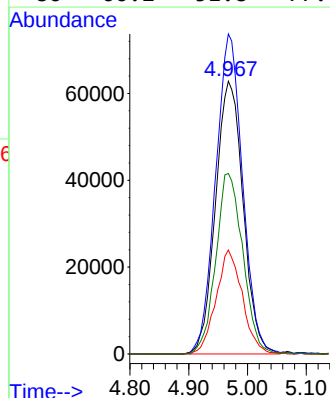
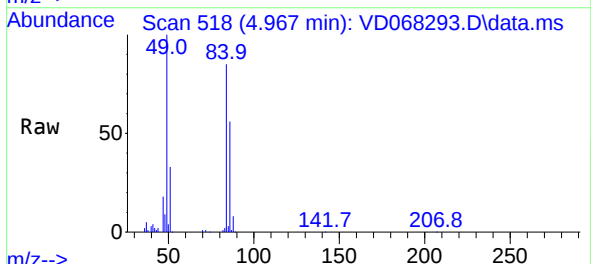
Manual Integrations
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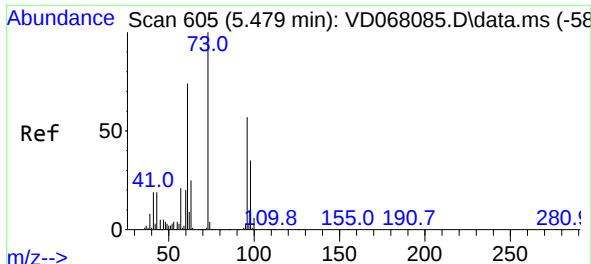
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#20
Methylene Chloride
Concen: 60.11 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

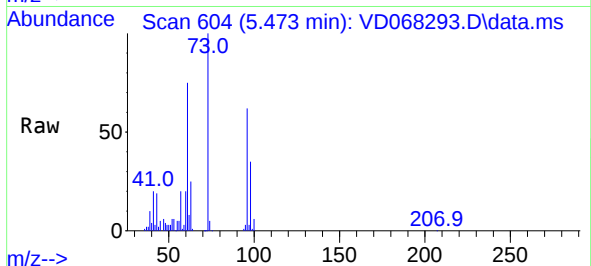
Tgt Ion: 84 Resp: 205100
Ion Ratio Lower Upper
84 100
49 117.3 77.4 116.2#
51 38.1 26.1 39.1
86 66.2 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 53.49 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

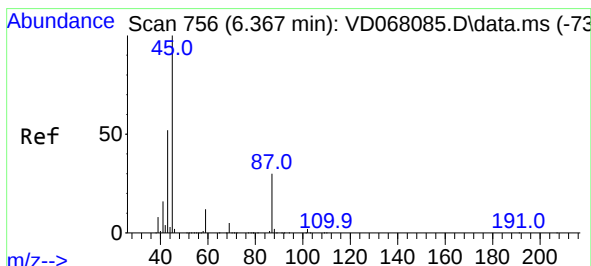
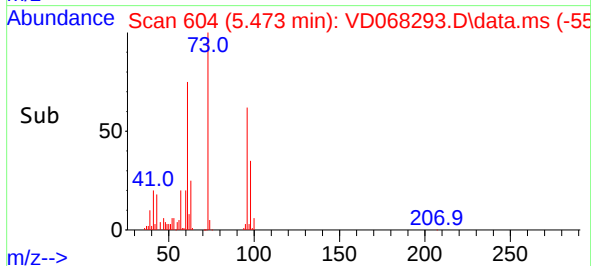
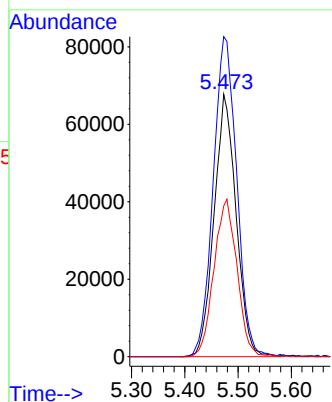
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



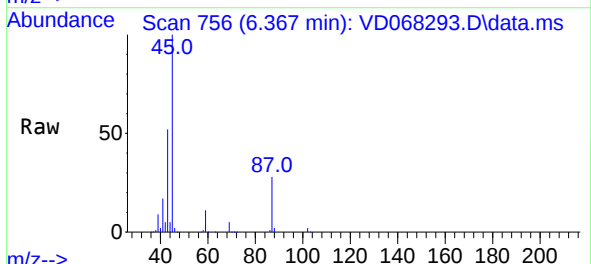
Tgt Ion: 96 Resp: 195167
Ion Ratio Lower Upper
96 100
61 122.0 96.7 145.1
98 57.5 47.6 71.4

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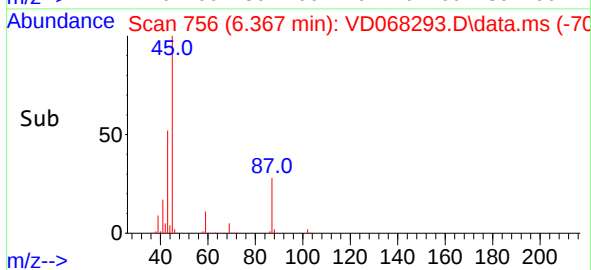
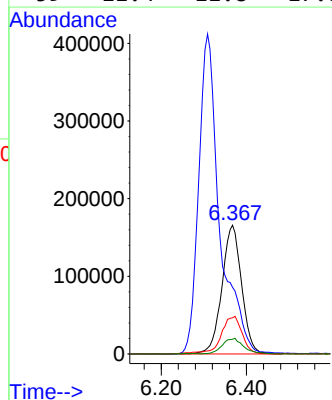
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2/5/2021 10:50:38 AM

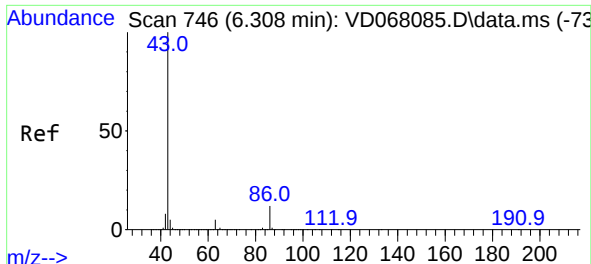


#22
Diisopropyl ether
Concen: 57.11 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



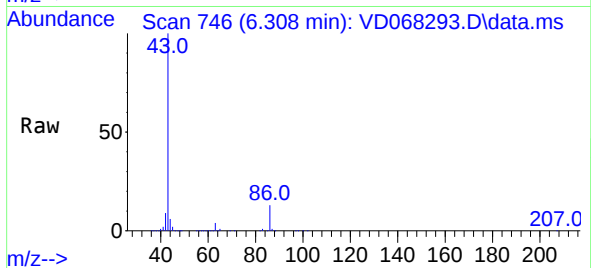
Tgt Ion: 45 Resp: 532809
Ion Ratio Lower Upper
45 100
43 51.3 43.9 65.9
87 28.1 29.9 44.9#
59 11.4 11.8 17.8#





#23
 Vinyl Acetate
 Concen: 284.51 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068293.D
 Acq: 04 Feb 2021 22:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

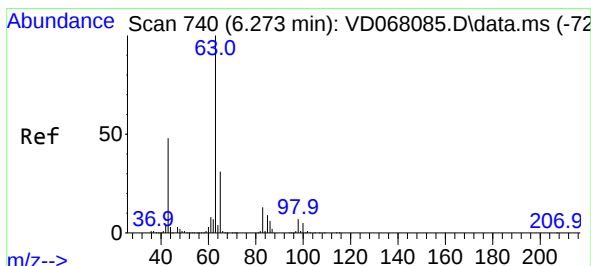
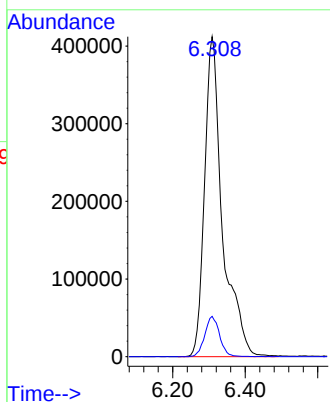
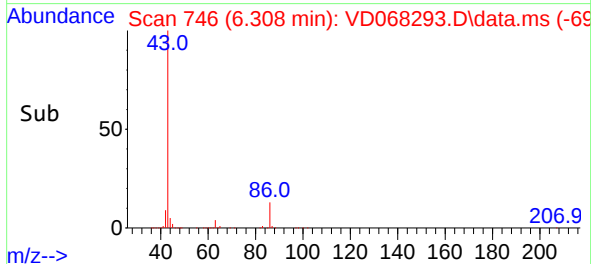


Tgt Ion: 43 Resp: 1414814

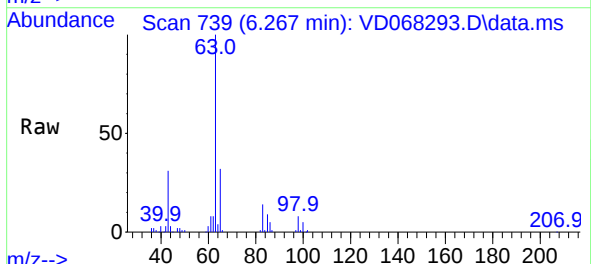
Ion	Ratio	Lower	Upper
43	100		
86	12.6	10.8	16.2

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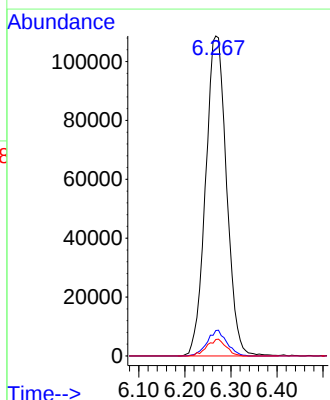
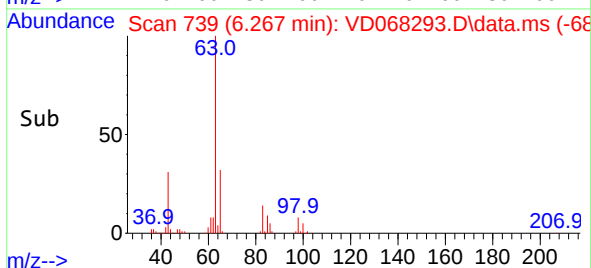


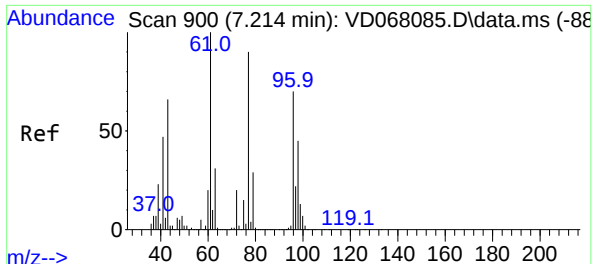
#24
 1,1-Dichloroethane
 Concen: 56.82 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD068293.D
 Acq: 04 Feb 2021 22:45



Tgt Ion: 63 Resp: 343471

Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.8	11.4
100	5.2	2.6	8.0





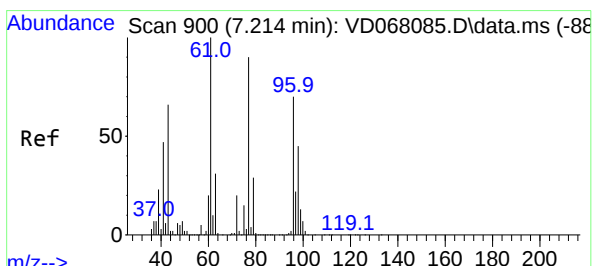
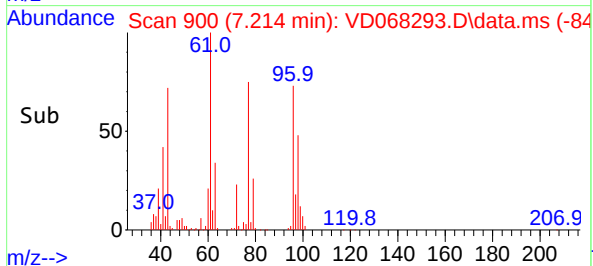
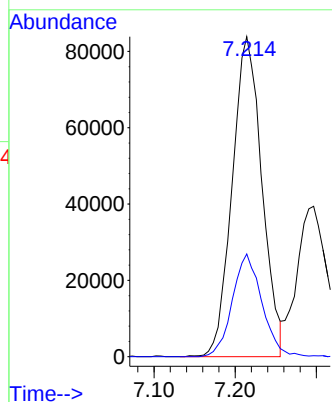
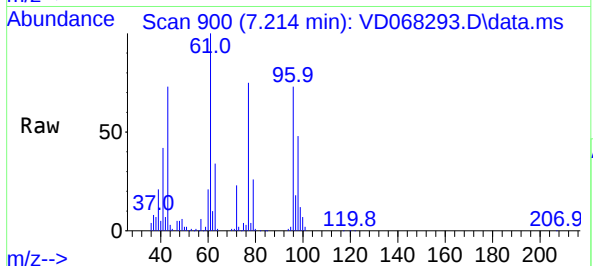
#25
2-Butanone
Concen: 285.58 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 43 Resp: 213083
Ion Ratio Lower Upper
43 100
72 32.1 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

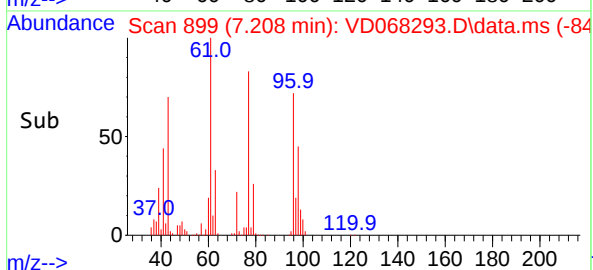
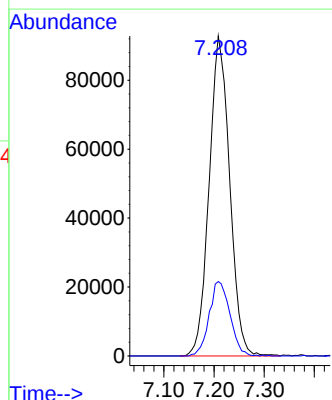
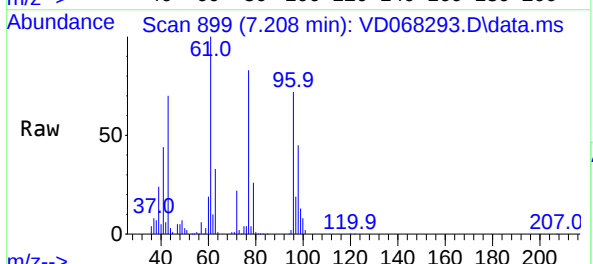
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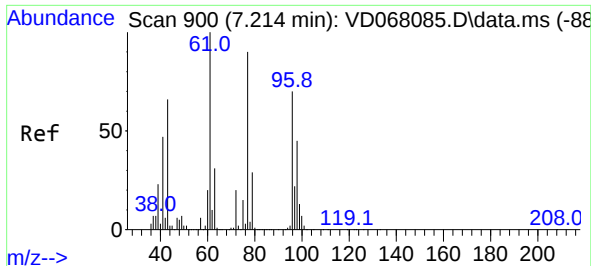
MMDadoda
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#26
2,2-Dichloropropane
Concen: 46.18 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

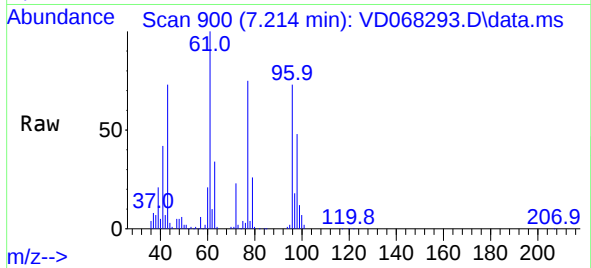
Tgt Ion: 77 Resp: 264088
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 56.35 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

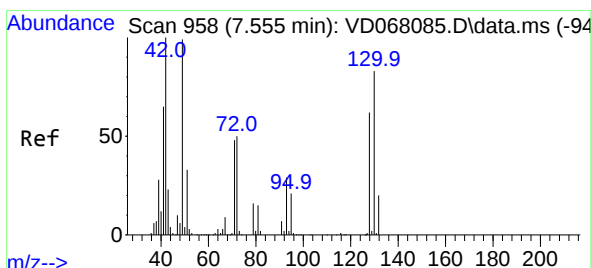
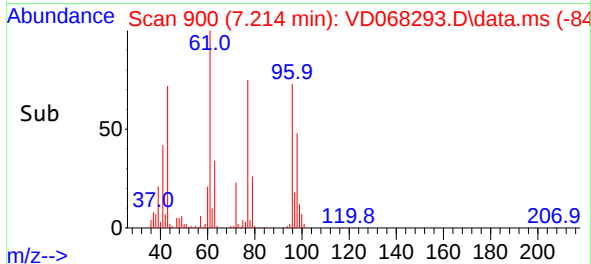
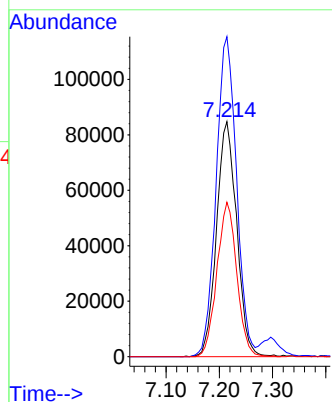
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 223244
Ion Ratio Lower Upper
96 100
61 137.5 0.0 257.4
98 64.7 0.0 126.6

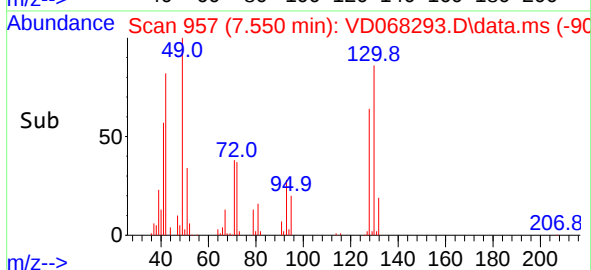
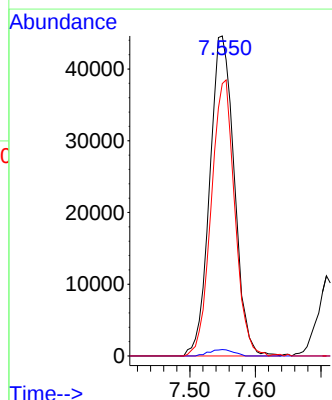
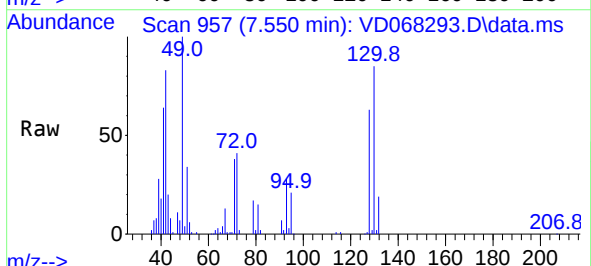
Manual Integrations
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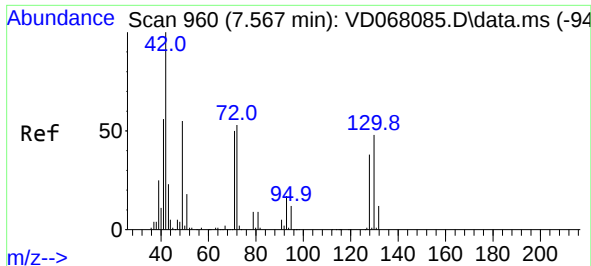
MMDadoda
2/5/2021 10:50:38 AM



#28
Bromochloromethane
Concen: 56.27 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 49 Resp: 115889
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.8
130 82.5 85.5 128.3#





#29
Tetrahydrofuran
Concen: 296.47 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

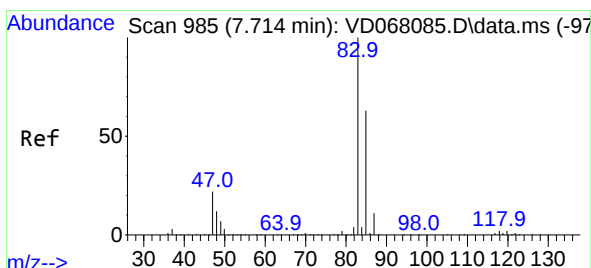
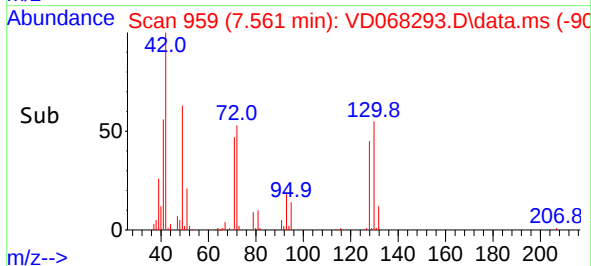
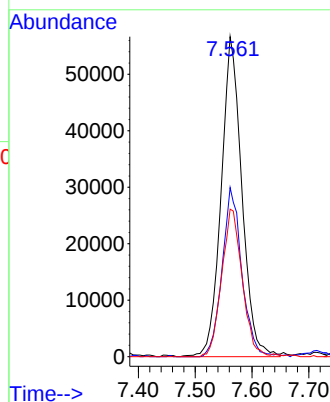
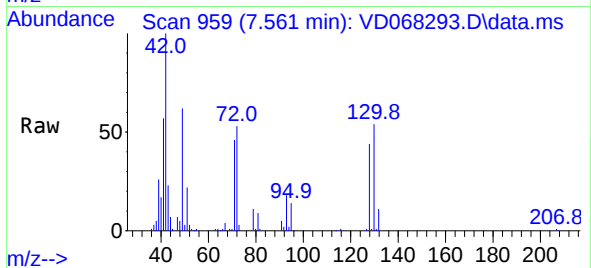
Tgt Ion: 42 Resp: 143396

Ion	Ratio	Lower	Upper
42	100		
72	50.5	43.4	65.0
71	45.6	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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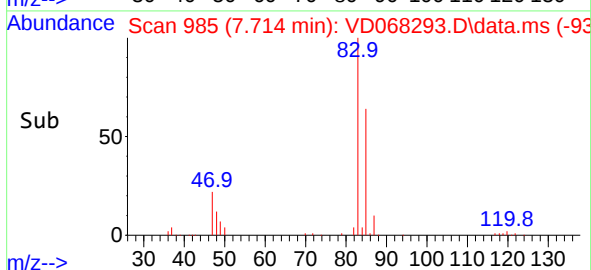
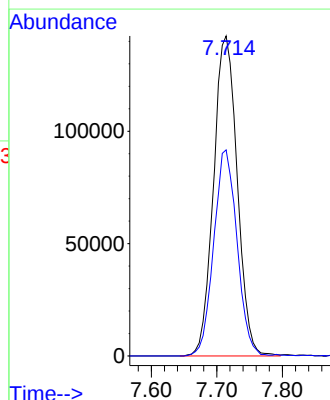
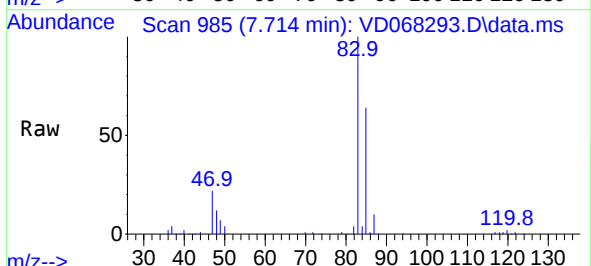
MMDadoda
2/5/2021 10:50:38 AM

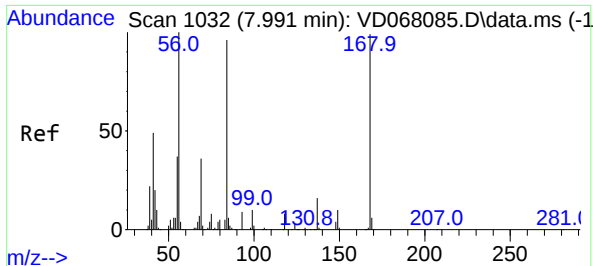


#30
Chloroform
Concen: 58.42 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 83 Resp: 356824

Ion	Ratio	Lower	Upper
83	100		
85	64.4	53.4	80.0





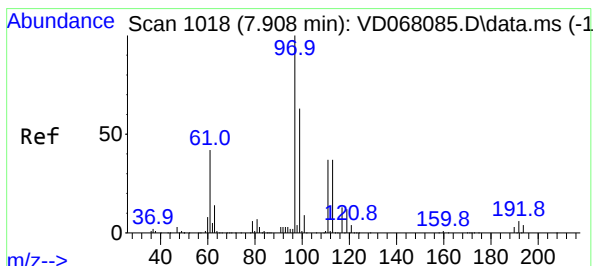
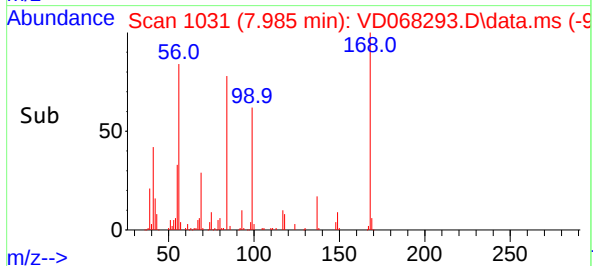
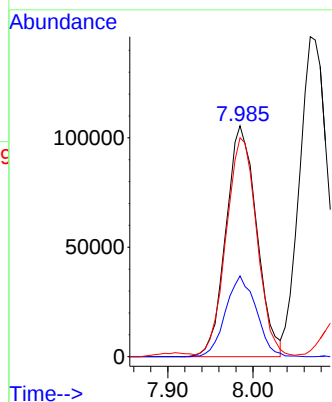
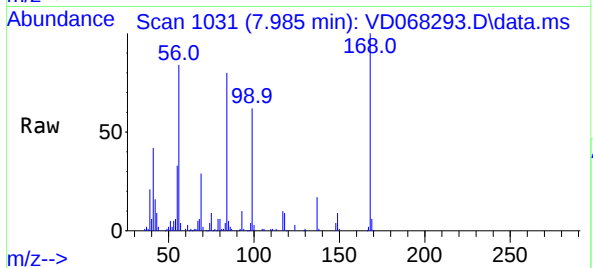
#31
Cyclohexane
Concen: 44.03 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 56 Resp: 264563
Ion Ratio Lower Upper
56 100
69 35.0 30.1 45.1
84 93.2 82.1 123.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

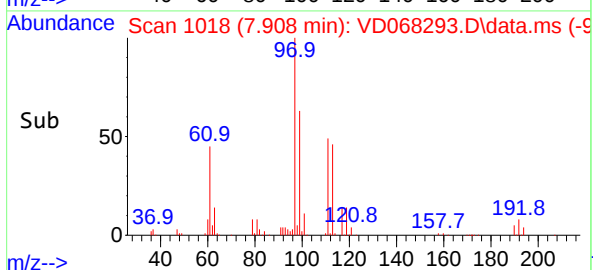
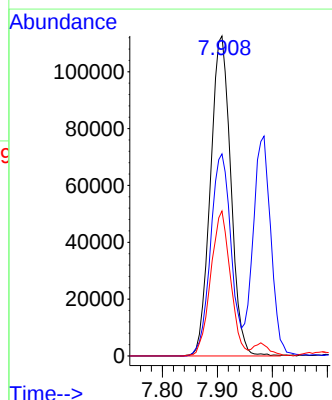
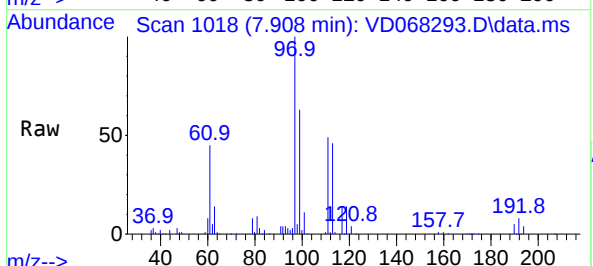
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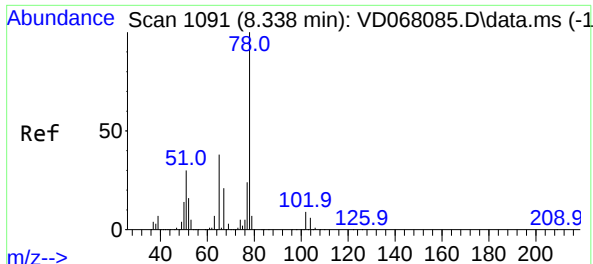
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#32
1,1,1-Trichloroethane
Concen: 52.61 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

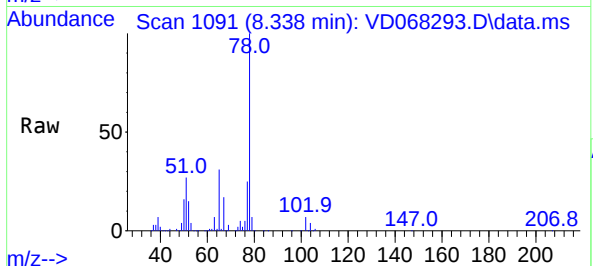
Tgt Ion: 97 Resp: 289627
Ion Ratio Lower Upper
97 100
99 63.3 52.1 78.1
61 44.0 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 51.30 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

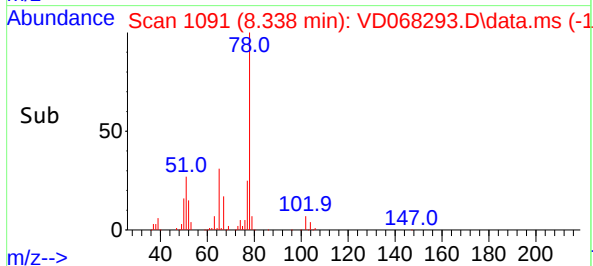
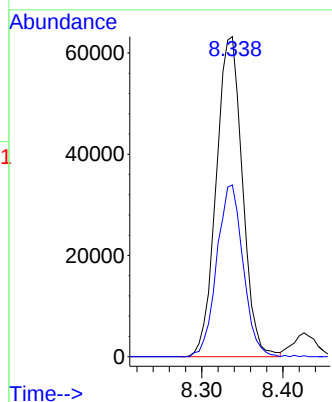
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



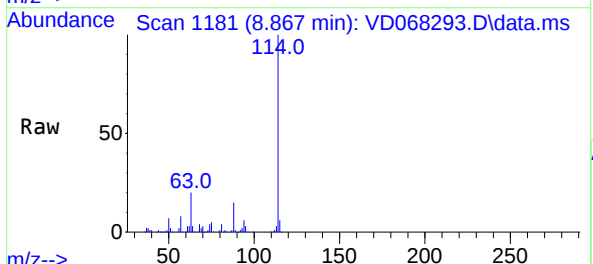
Tgt Ion: 65 Resp: 142357
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0

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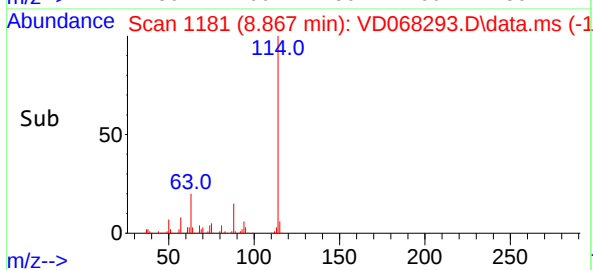
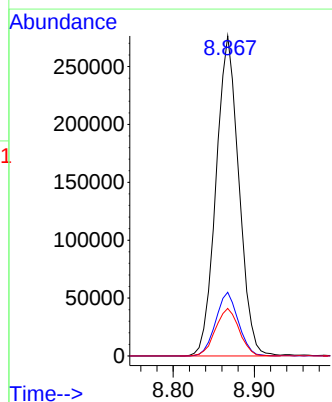
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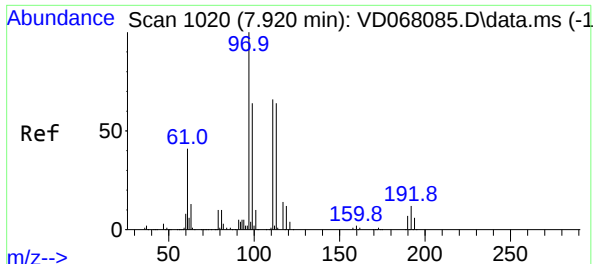


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



Tgt Ion: 114 Resp: 541486
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.8
88 14.9 0.0 31.6





#35

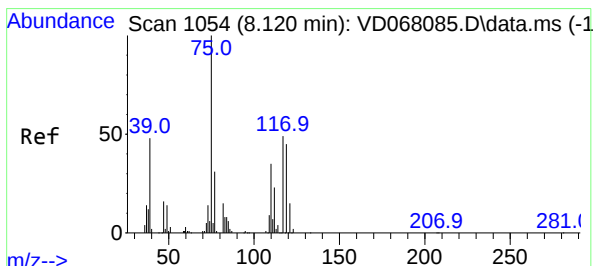
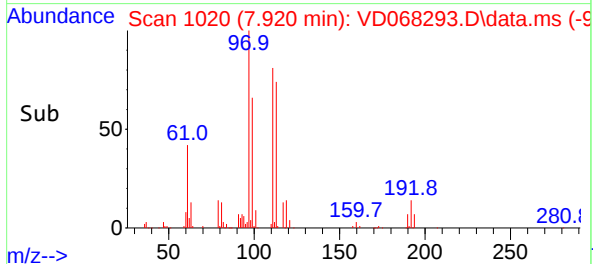
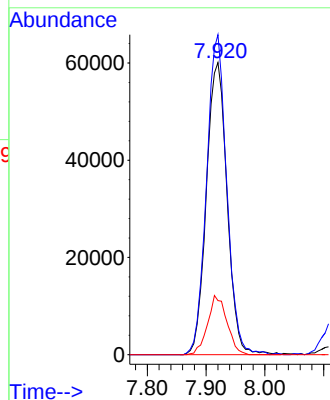
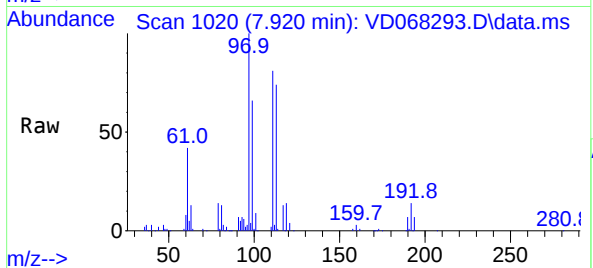
Dibromofluoromethane
Concen: 49.11 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 113 Resp: 147031
Ion Ratio Lower Upper
113 100
111 106.5 81.4 122.0
192 18.9 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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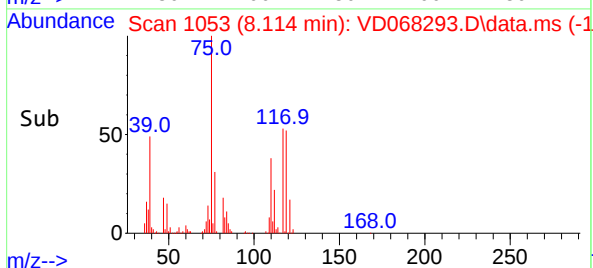
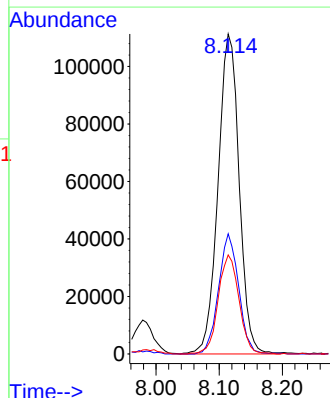
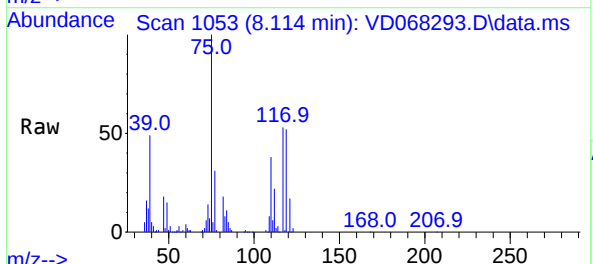
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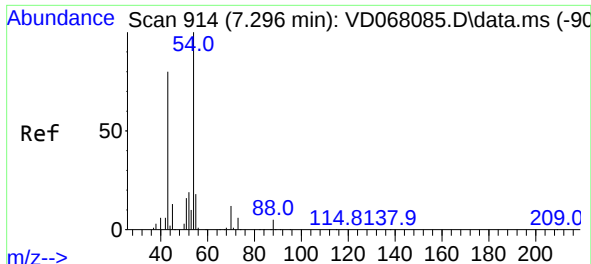


#36

1,1-Dichloropropene
Concen: 47.34 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 75 Resp: 258526
Ion Ratio Lower Upper
75 100
110 35.8 19.4 58.2
77 30.5 25.3 37.9





#37

Ethyl Acetate

Concen: 52.18 ug/l

RT: 7.297 min Scan# 914

Delta R.T. 0.000 min

Lab File: VD068293.D

Acq: 04 Feb 2021 22:45

Tgt Ion: 43 Resp: 100779

Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.9	19.3
70	12.3	11.0	16.6

Instrument :

MSVOA_D

ClientSampleId :

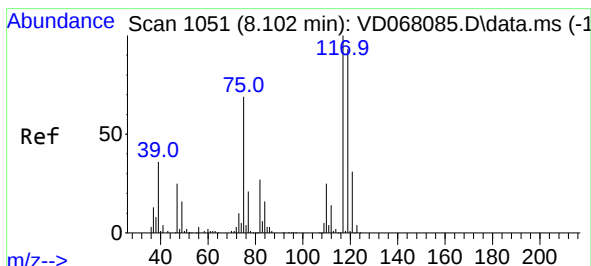
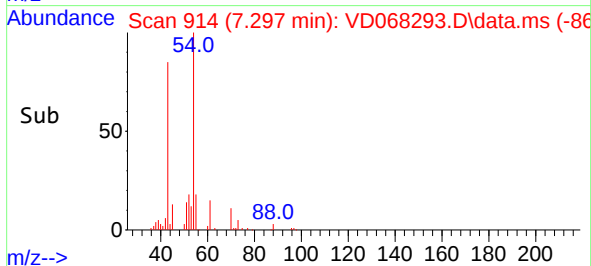
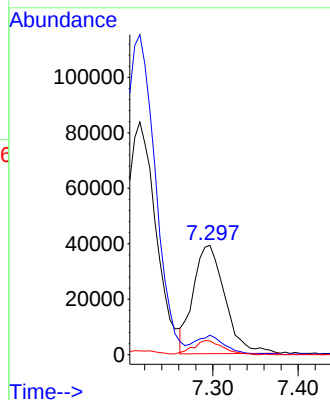
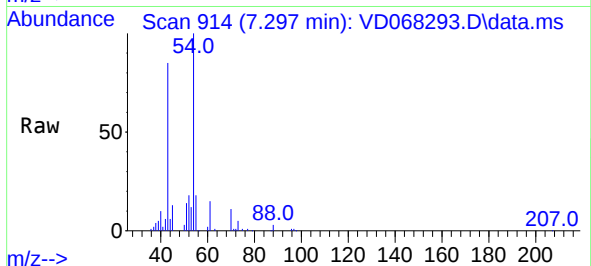
VSTDCCC050EC

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#38

Carbon Tetrachloride

Concen: 46.71 ug/l

RT: 8.097 min Scan# 1050

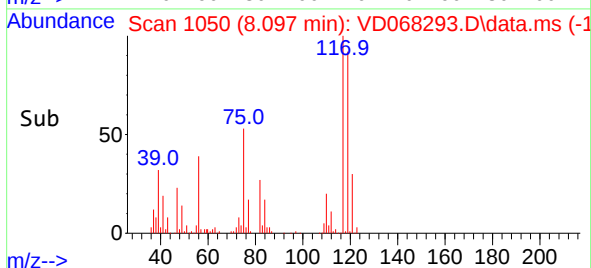
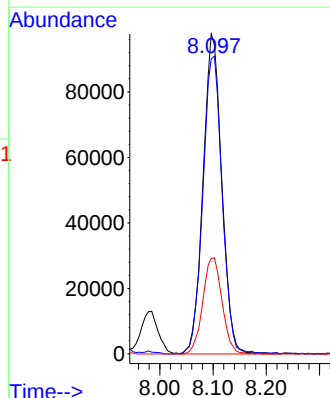
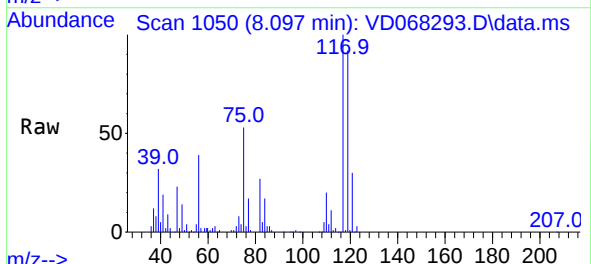
Delta R.T. -0.006 min

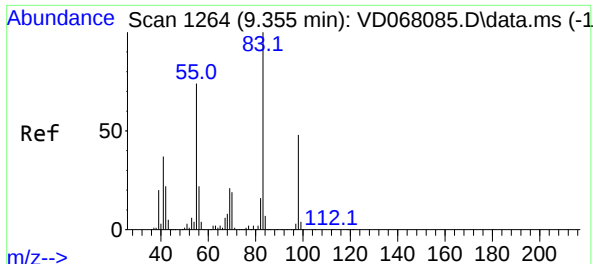
Lab File: VD068293.D

Acq: 04 Feb 2021 22:45

Tgt Ion: 117 Resp: 238748

Ion	Ratio	Lower	Upper
117	100		
119	92.3	77.3	115.9
121	29.8	24.7	37.1





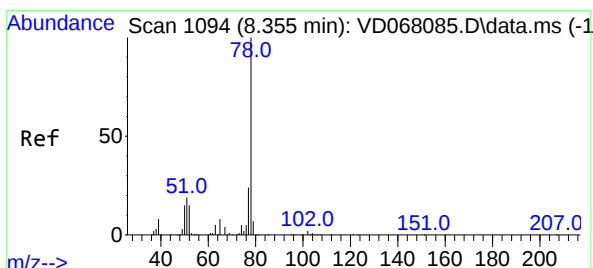
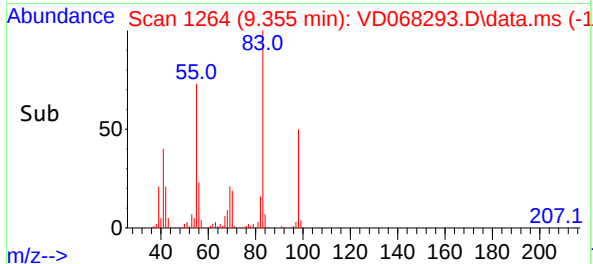
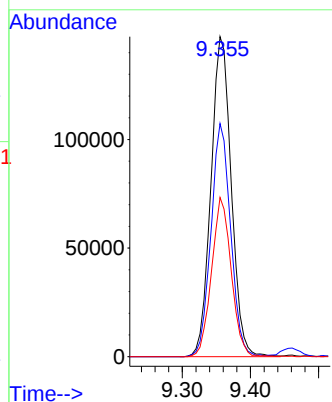
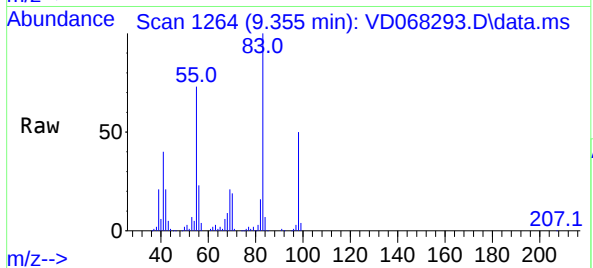
#39
Methylcyclohexane
Concen: 42.81 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 83 Resp: 305653
Ion Ratio Lower Upper
83 100
55 72.8 55.2 82.8
98 49.8 39.1 58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

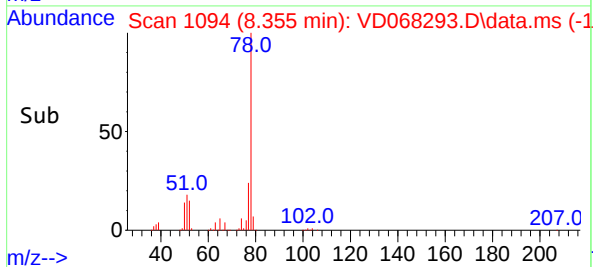
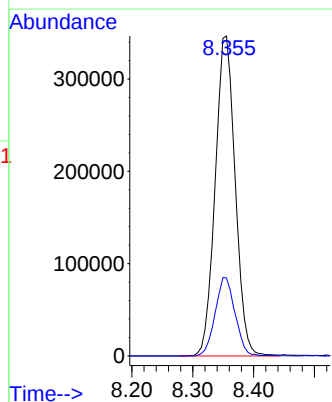
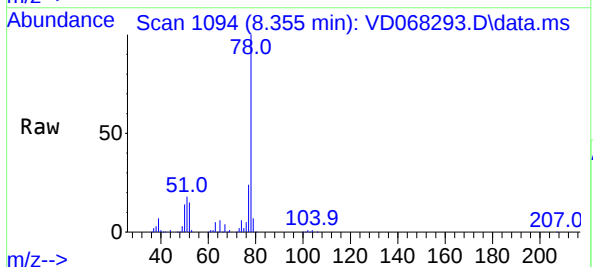
Manual Integrations
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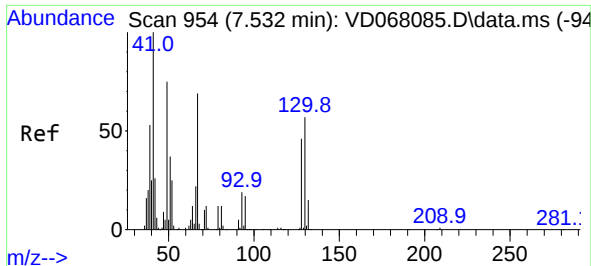
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#40
Benzene
Concen: 51.80 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 78 Resp: 790951
Ion Ratio Lower Upper
78 100
77 24.4 17.8 26.6





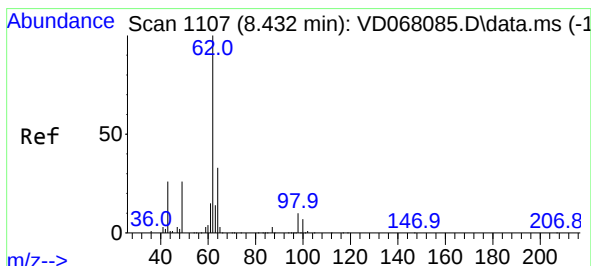
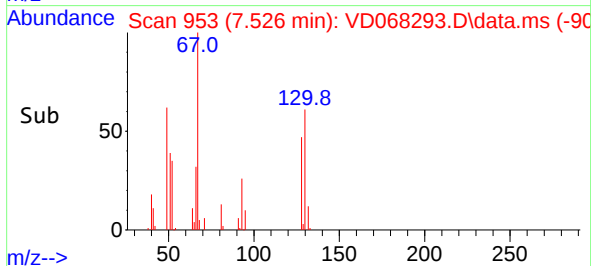
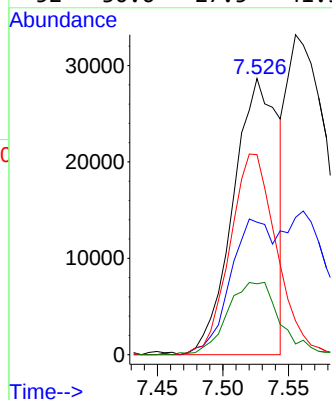
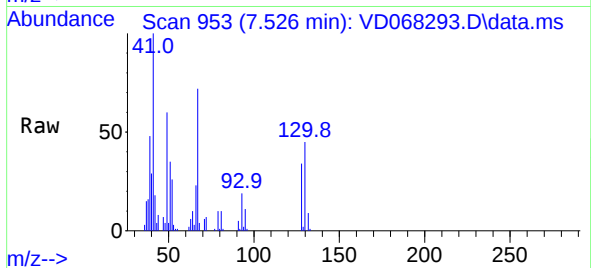
#41
Methacrylonitrile
Concen: 58.56 ug/l
RT: 7.526 min Scan# 953
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion:	41	Resp:	68264
Ion	Ratio	Lower	Upper
41	100		
39	45.3	45.2	67.8
67	75.6	67.4	101.2
52	30.6	27.5	41.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

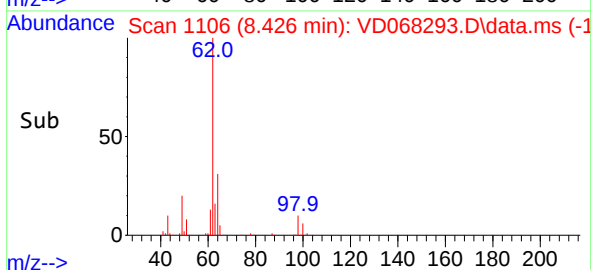
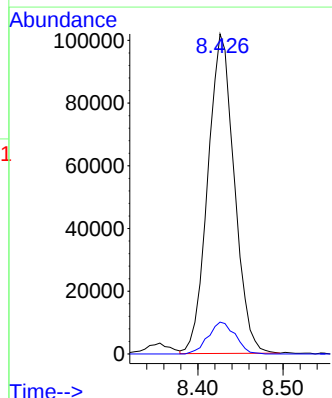
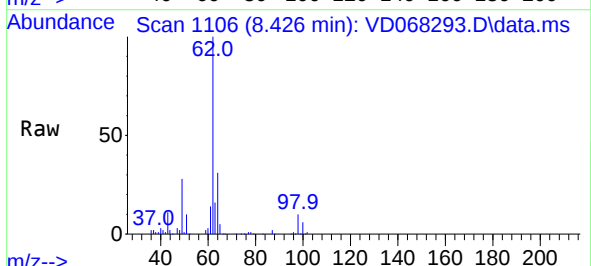
Manual Integrations
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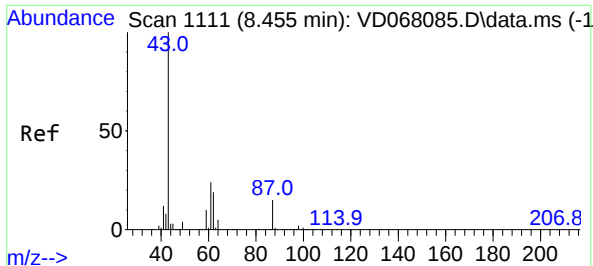
MMDadoda
2/5/2021 10:50:38 AM



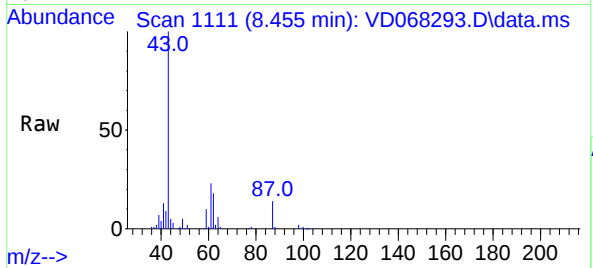
#42
1,2-Dichloroethane
Concen: 53.92 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion:	62	Resp:	219959
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.8

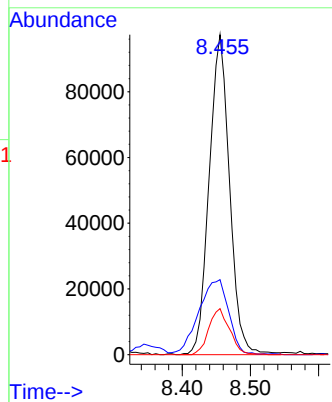
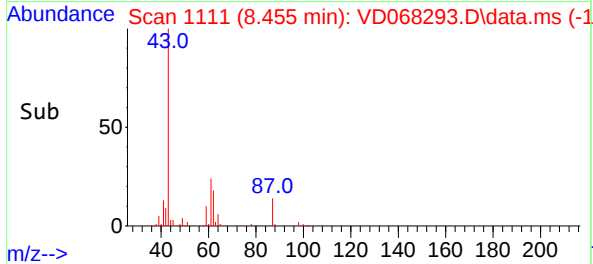




#43
Isopropyl Acetate
Concen: 50.36 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



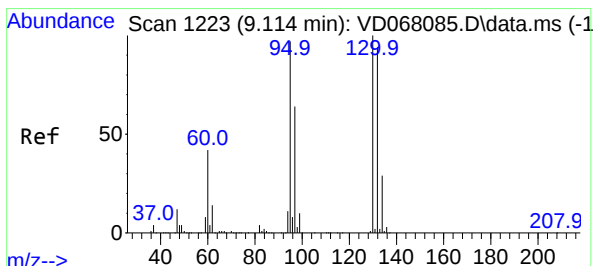
Tgt Ion: 43 Resp: 202731
Ion Ratio Lower Upper
43 100
61 33.8 28.7 43.1
87 14.7 13.9 20.9



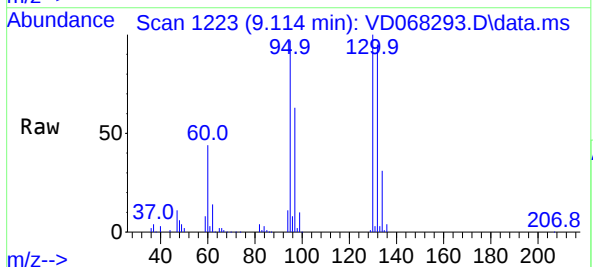
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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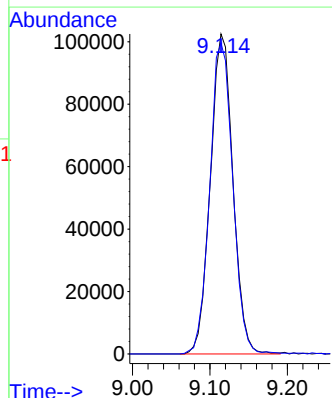
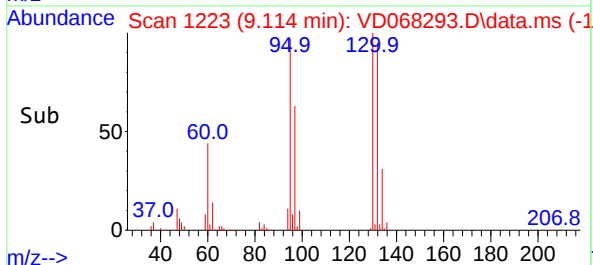
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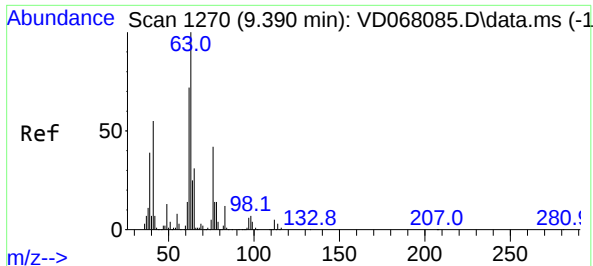


#44
Trichloroethene
Concen: 49.48 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



Tgt Ion:130 Resp: 207458
Ion Ratio Lower Upper
130 100
95 97.2 0.0 191.2





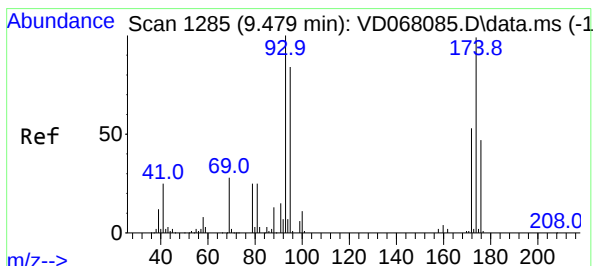
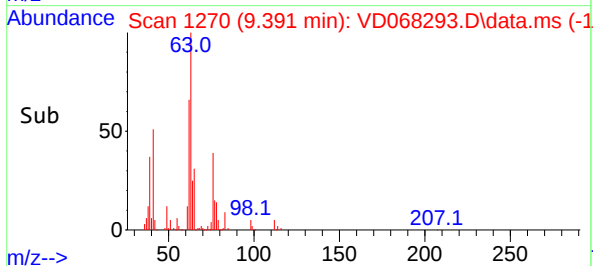
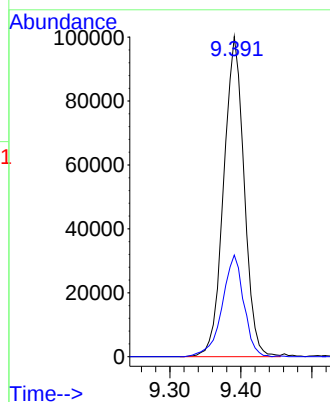
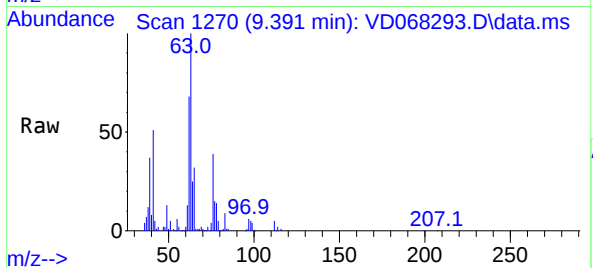
#45
1,2-Dichloropropane
Concen: 53.50 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 63 Resp: 200027
Ion Ratio Lower Upper
63 100
65 31.7 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

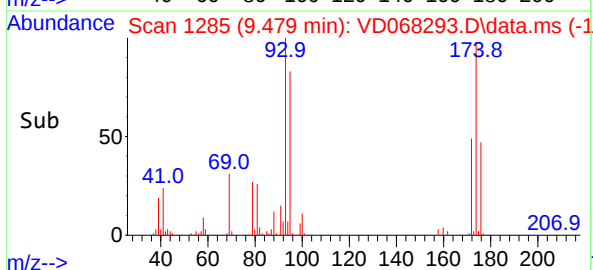
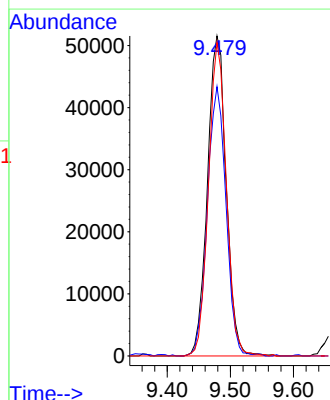
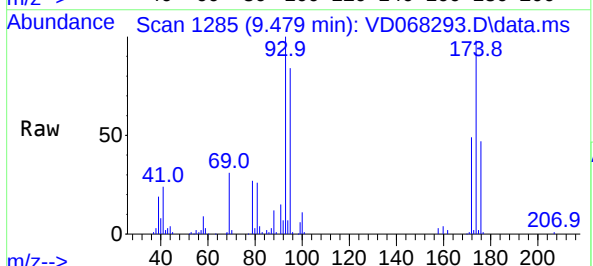
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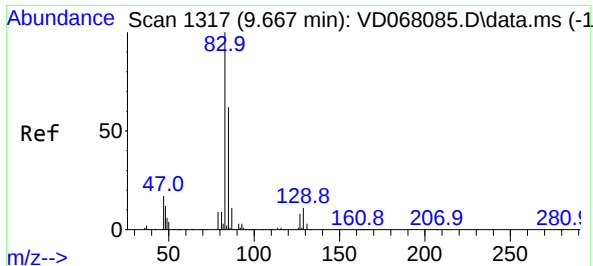
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#46
Dibromomethane
Concen: 56.09 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 93 Resp: 106258
Ion Ratio Lower Upper
93 100
95 83.7 67.3 100.9
174 93.5 84.6 127.0





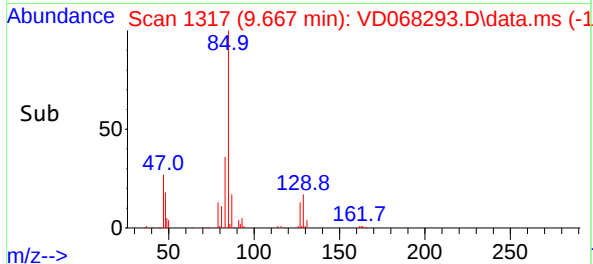
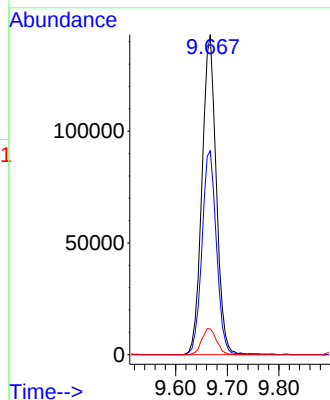
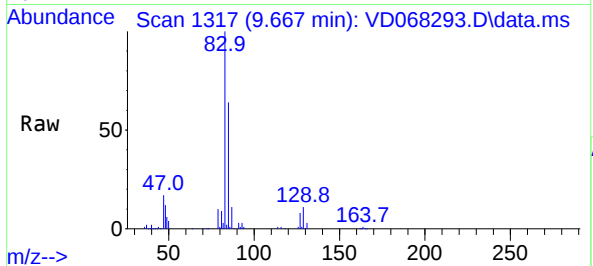
#47
Bromodichloromethane
Concen: 53.77 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 83 Resp: 274883
Ion Ratio Lower Upper
83 100
85 63.7 51.6 77.4
127 8.0 7.4 11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

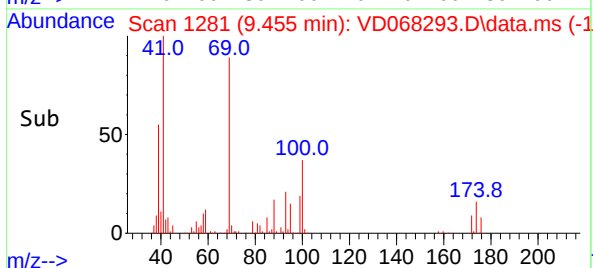
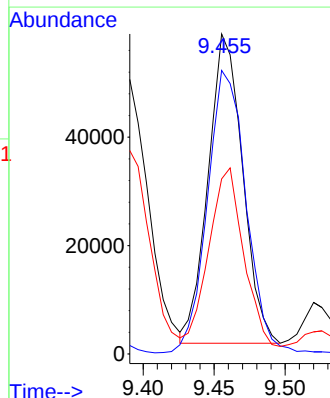
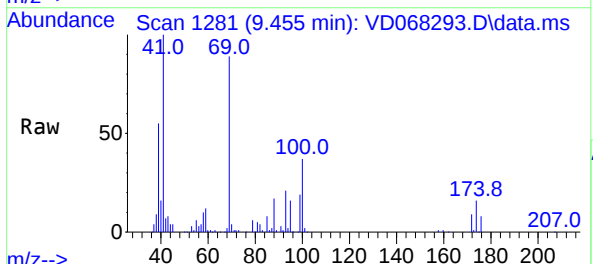
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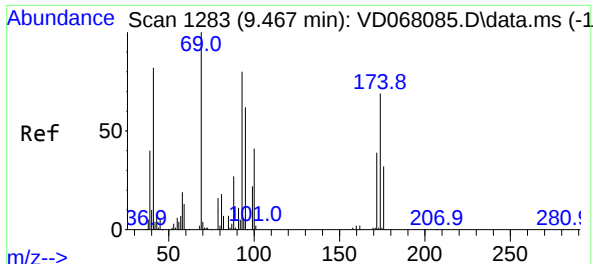
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#48
Methyl methacrylate
Concen: 48.04 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 41 Resp: 96253
Ion Ratio Lower Upper
41 100
69 103.2 77.1 115.7
39 58.0 41.5 62.3





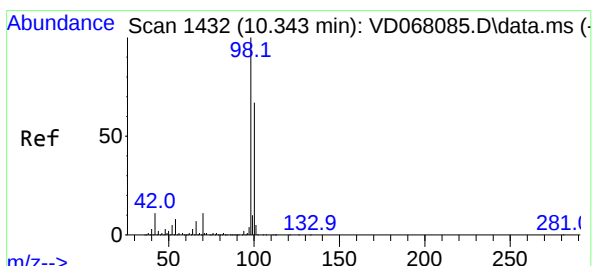
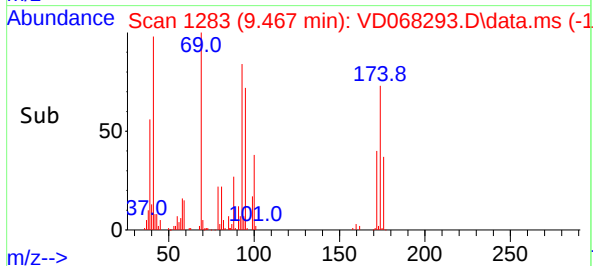
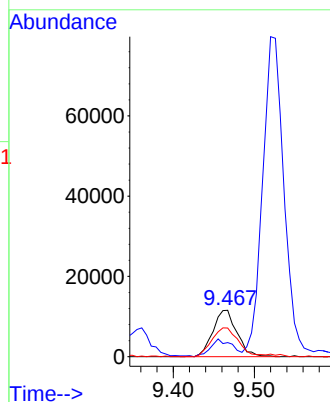
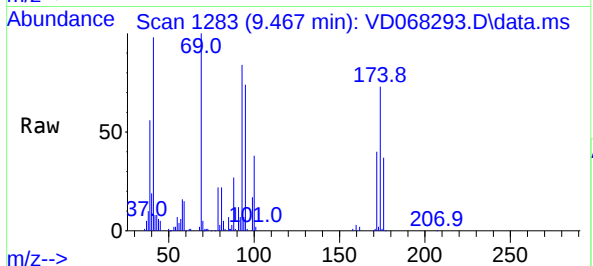
#49
1,4-Dioxane
Concen: 1070.72 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 88 Resp: 23771
Ion Ratio Lower Upper
88 100
43 34.3 22.1 33.1#
58 69.0 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

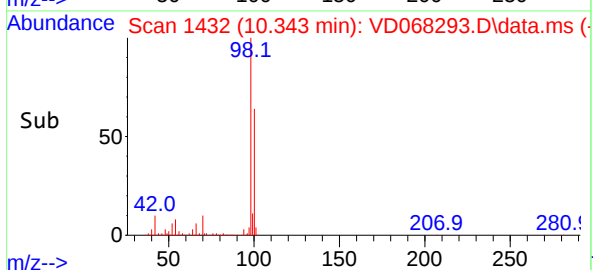
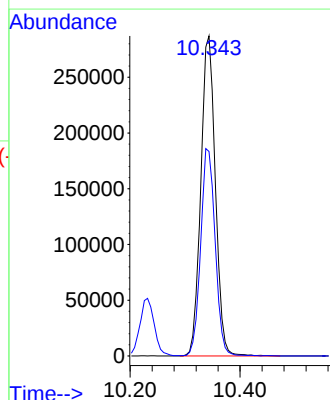
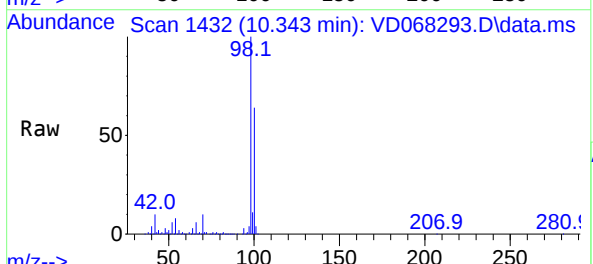
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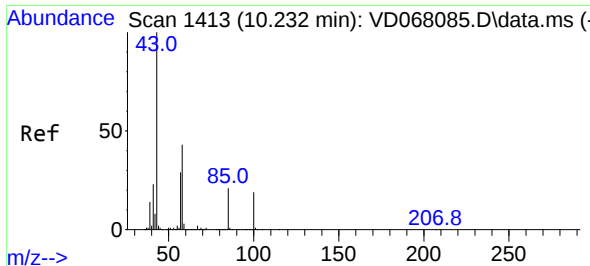
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#50
Toluene-d8
Concen: 44.02 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 98 Resp: 527098
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4





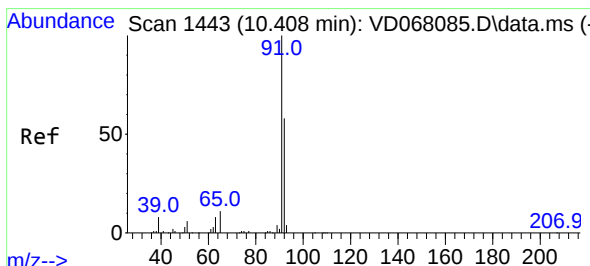
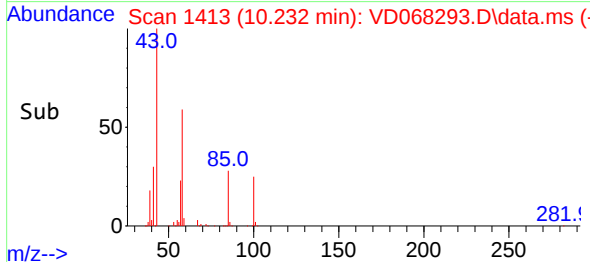
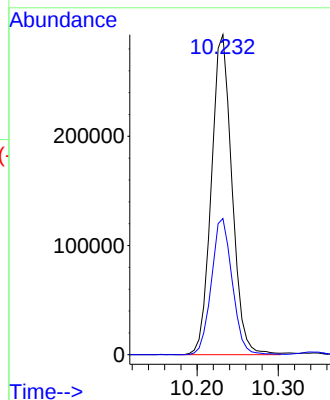
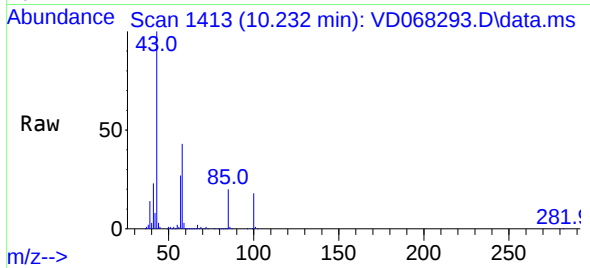
#51
4-Methyl-2-Pentanone
Concen: 276.54 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 43 Resp: 517450
Ion Ratio Lower Upper
43 100
58 43.0 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

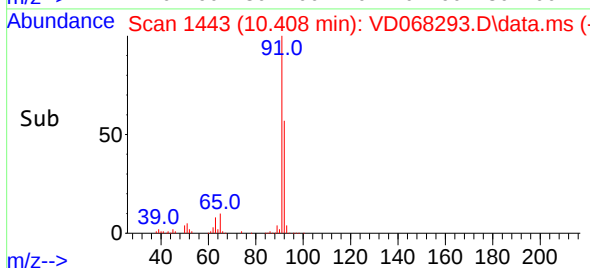
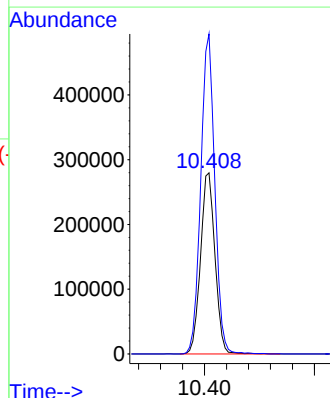
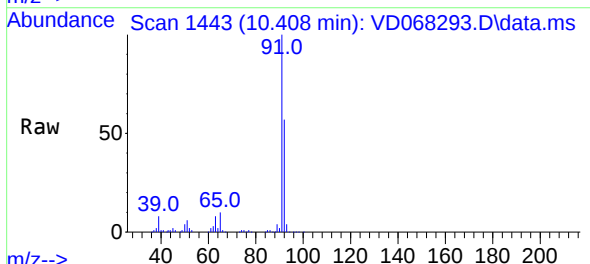
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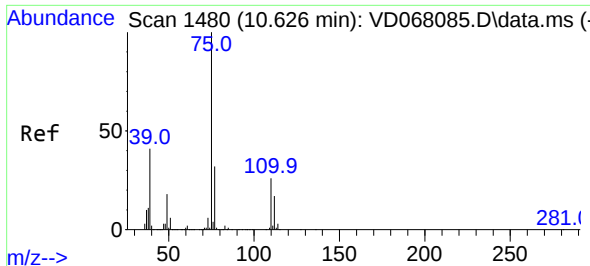
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#52
Toluene
Concen: 51.27 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 92 Resp: 509997
Ion Ratio Lower Upper
92 100
91 171.8 134.1 201.1





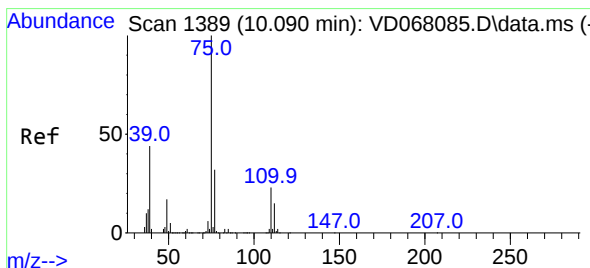
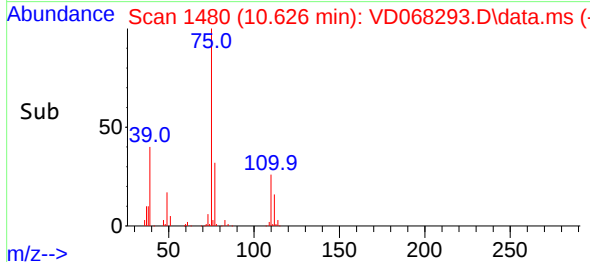
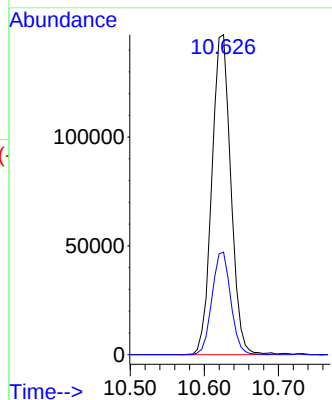
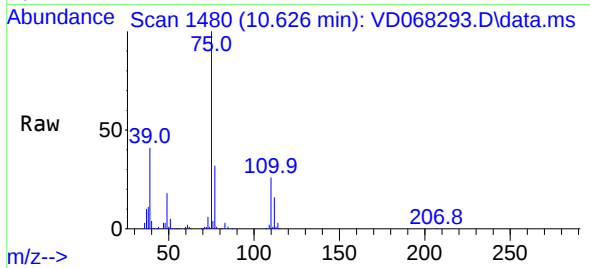
#53
t-1,3-Dichloropropene
Concen: 50.66 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 75 Resp: 262116
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

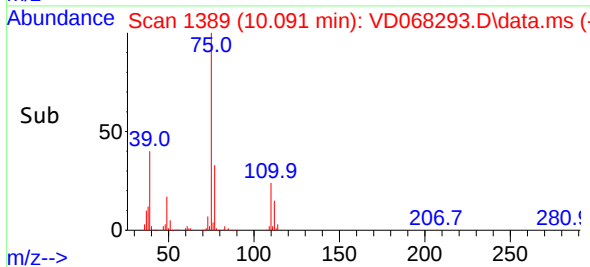
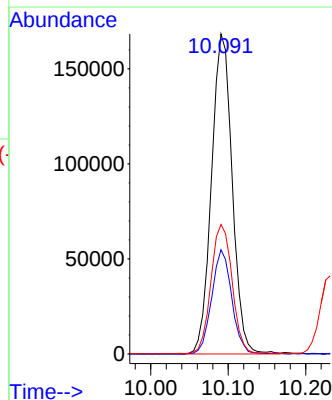
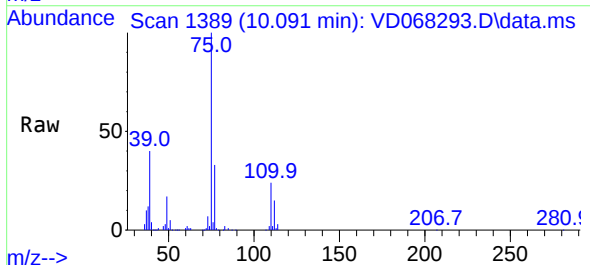
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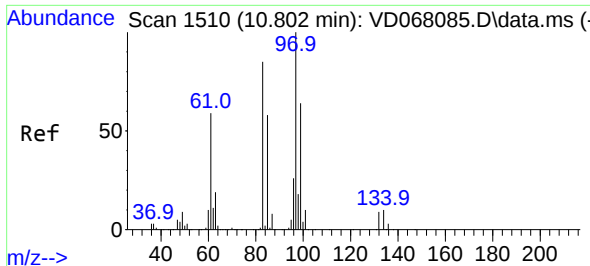
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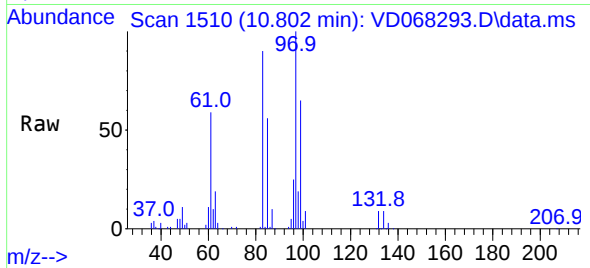
#54
cis-1,3-Dichloropropene
Concen: 50.76 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 75 Resp: 312639
Ion Ratio Lower Upper
75 100
77 32.6 24.6 37.0
39 40.3 31.4 47.0

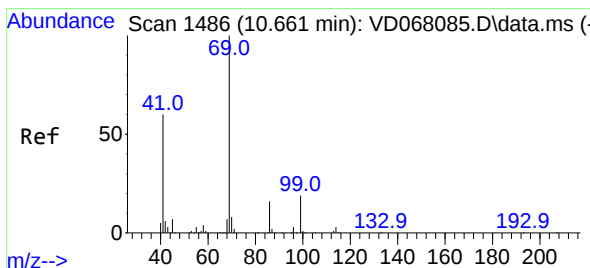
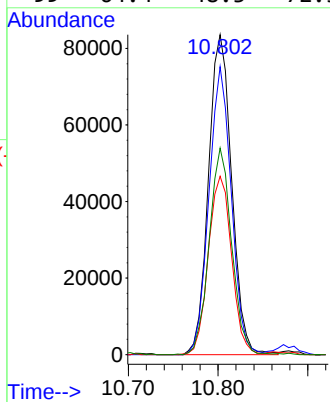
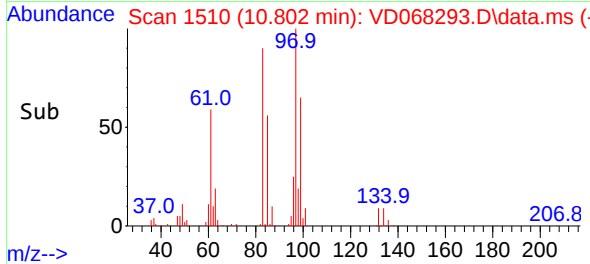




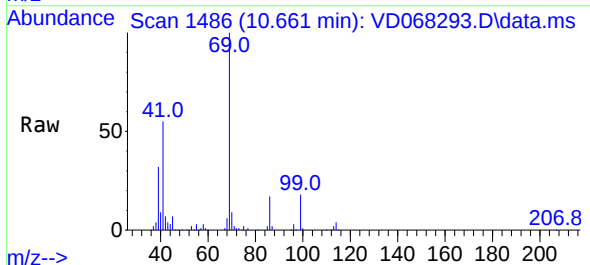
#55
1,1,2-Trichloroethane
Concen: 55.90 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



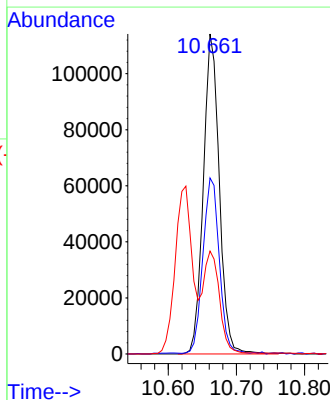
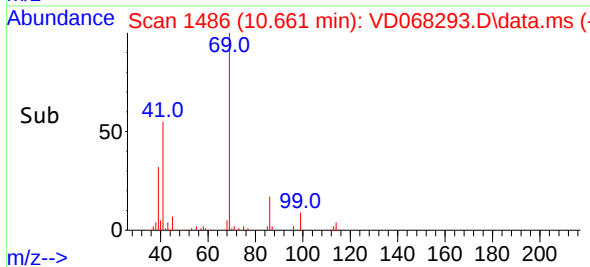
Tgt Ion:	97	Resp:	150090
Ion	Ratio	Lower	Upper
97	100		
83	90.0	61.8	92.6
85	55.8	42.2	63.2
99	64.4	48.3	72.5



#56
Ethyl methacrylate
Concen: 52.07 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



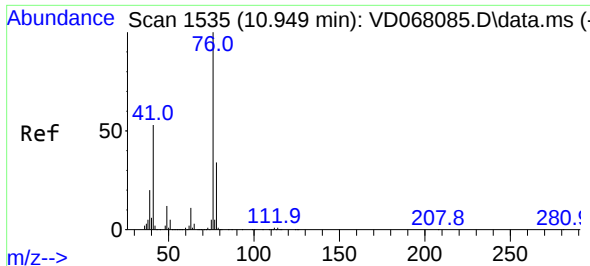
Tgt Ion:	69	Resp:	186235
Ion	Ratio	Lower	Upper
69	100		
41	55.9	44.9	67.3
39	32.4	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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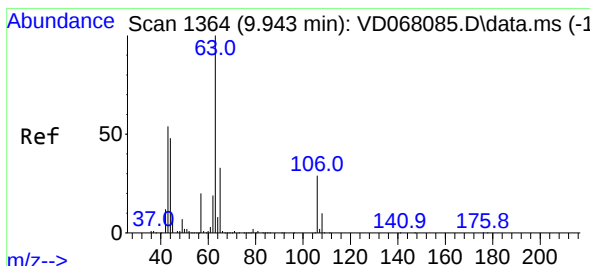
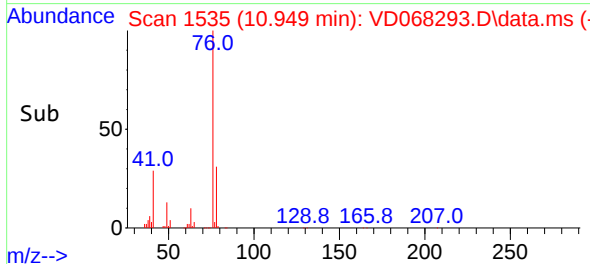
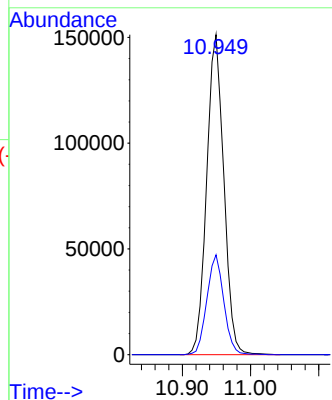
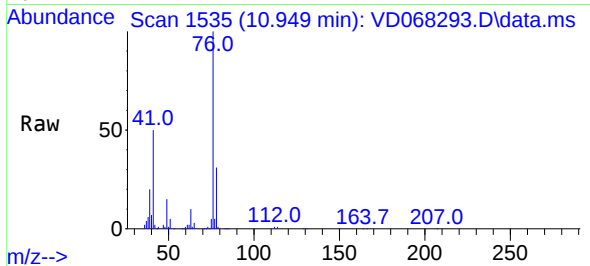
#57
1,3-Dichloropropane
Concen: 55.89 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 76 Resp: 264786
Ion Ratio Lower Upper
76 100
78 30.9 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

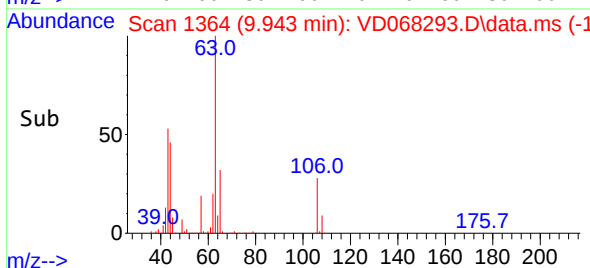
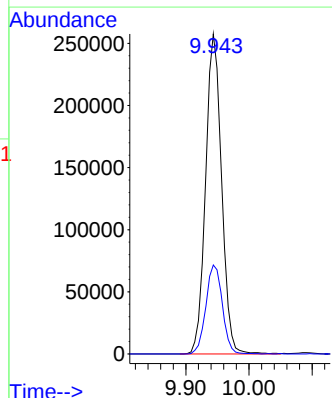
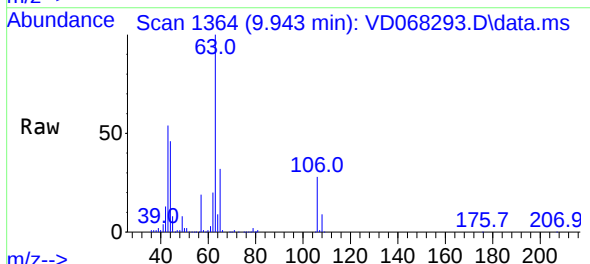
Manual Integrations
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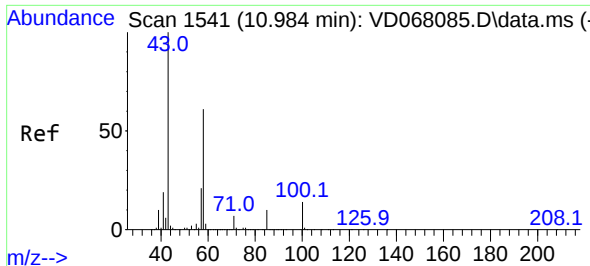
MMDadoda
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#58
2-Chloroethyl Vinyl ether
Concen: 274.45 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

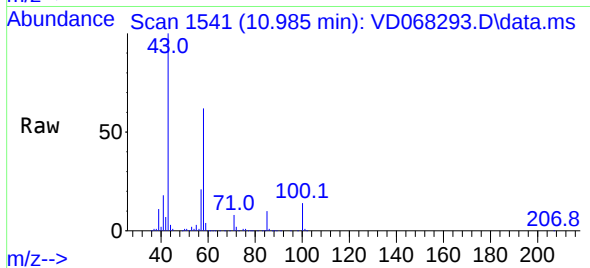
Tgt Ion: 63 Resp: 452954
Ion Ratio Lower Upper
63 100
106 28.6 27.0 40.4





#59
2-Hexanone
Concen: 264.33 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

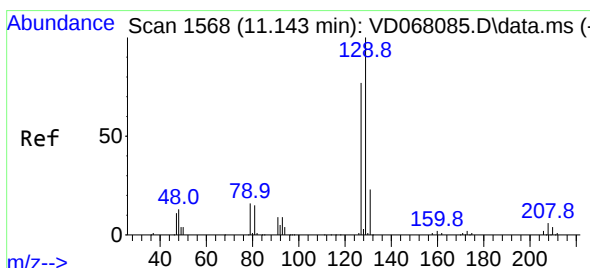
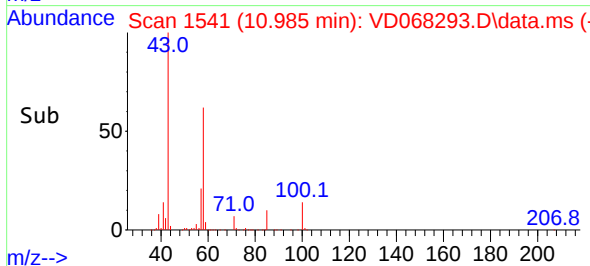
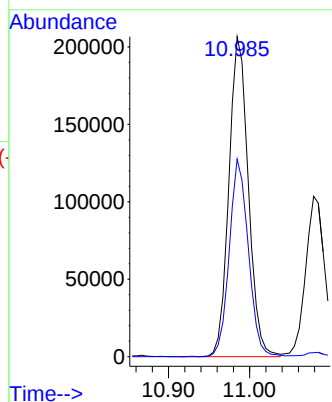
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 342850
Ion Ratio Lower Upper
43 100
58 60.7 31.0 93.0

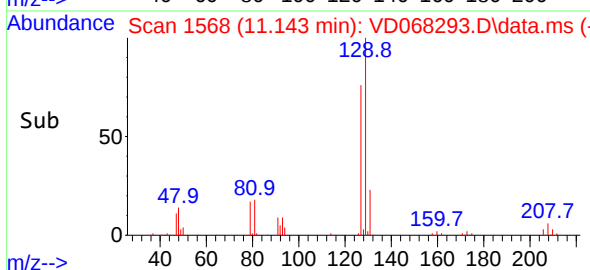
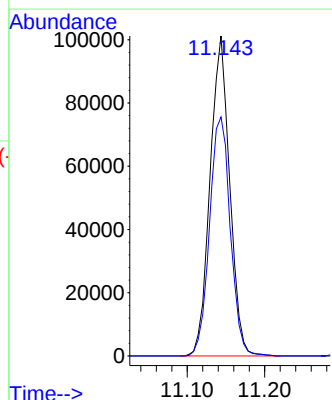
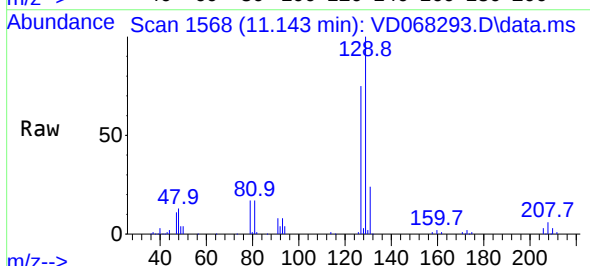
Manual Integrations
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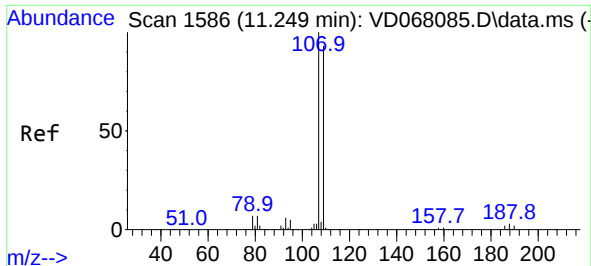
MMDadoda
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#60
Dibromochloromethane
Concen: 52.98 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

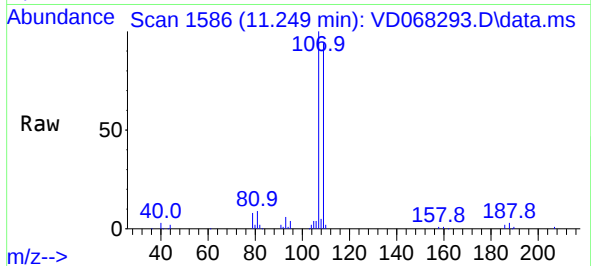
Tgt Ion: 129 Resp: 178353
Ion Ratio Lower Upper
129 100
127 79.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.89 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

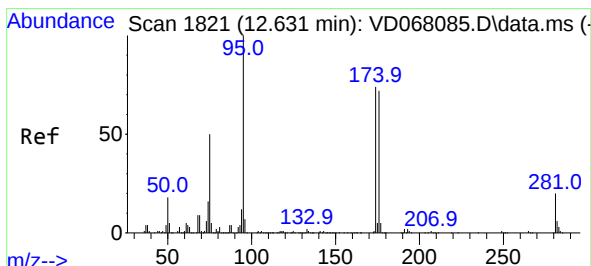
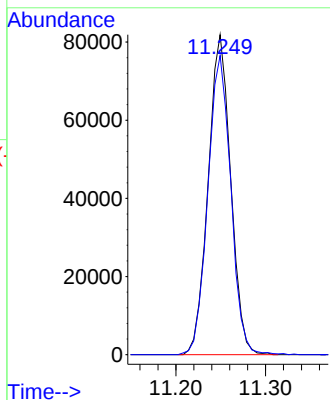
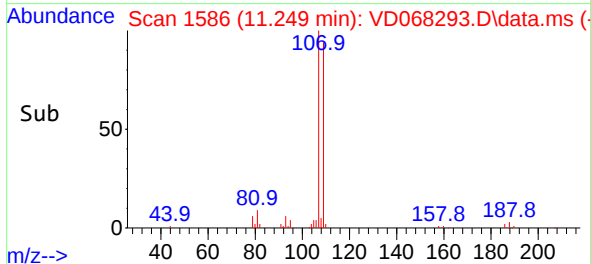
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



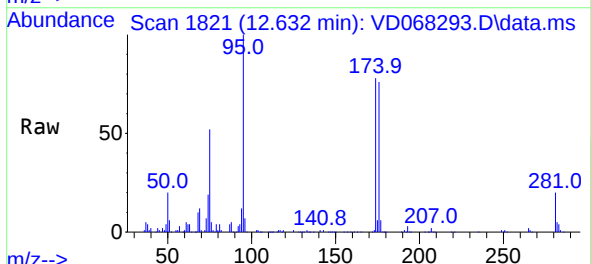
Tgt Ion:107 Resp: 142766
Ion Ratio Lower Upper
107 100
109 95.3 74.8 112.2

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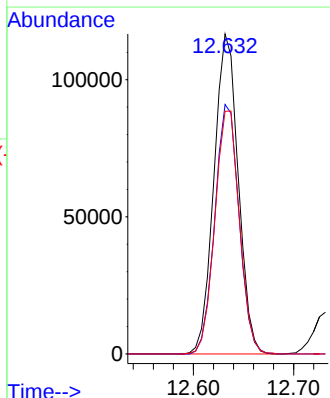
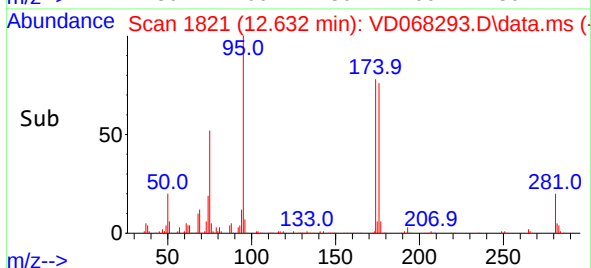
MMDadoda
2/5/2021 10:50:38 AM

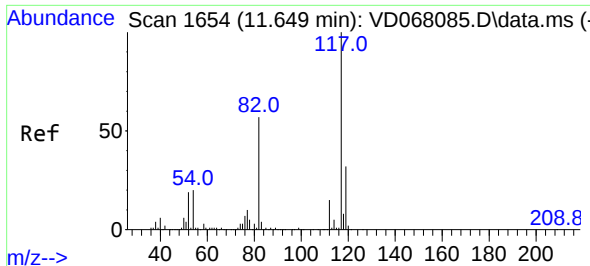


#62
4-Bromofluorobenzene
Concen: 45.38 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



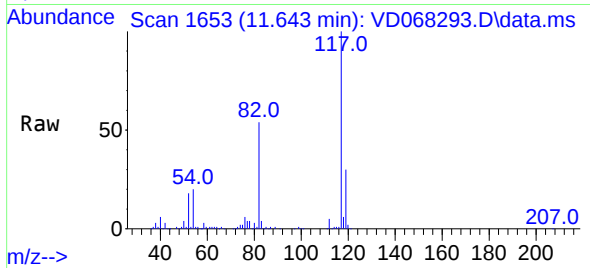
Tgt Ion: 95 Resp: 195677
Ion Ratio Lower Upper
95 100
174 77.8 0.0 172.4
176 76.8 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

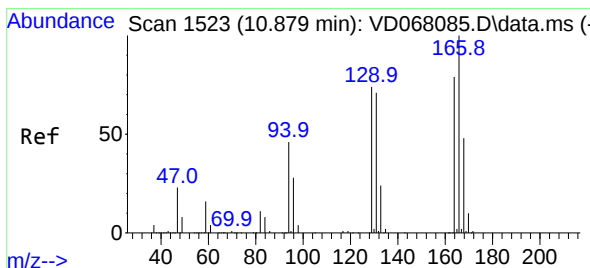
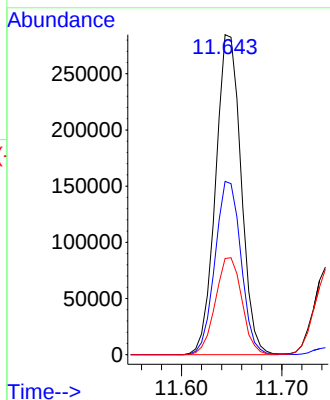
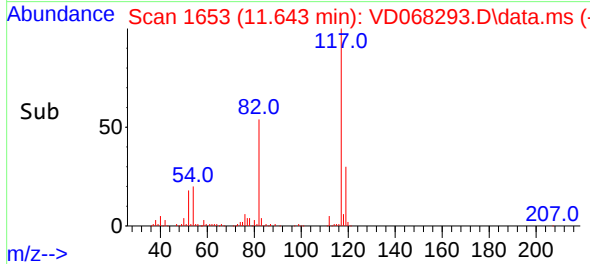
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



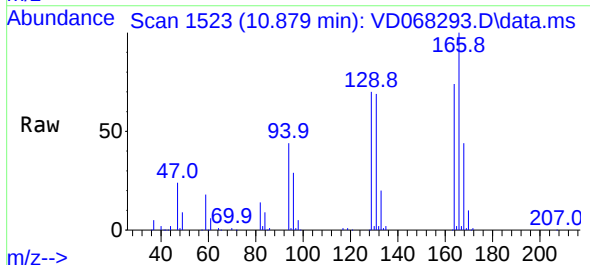
Tgt Ion:117 Resp: 502226
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 30.0 26.1 39.1

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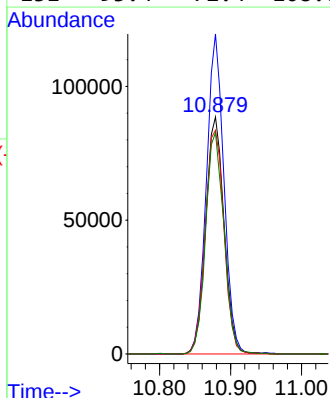
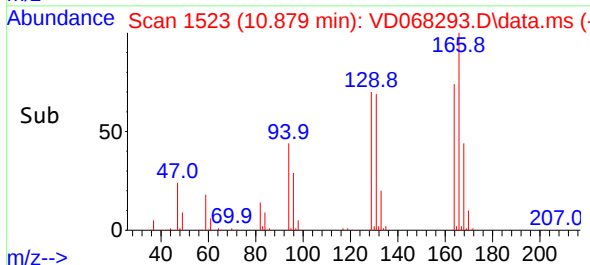
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2/5/2021 10:50:38 AM

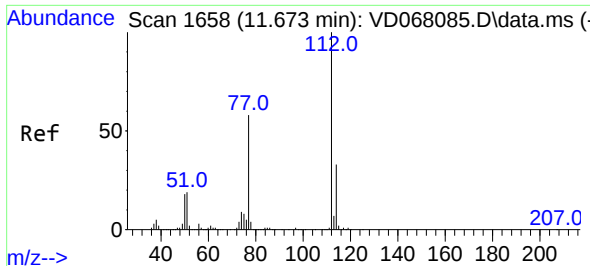


#64
Tetrachloroethene
Concen: 45.15 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



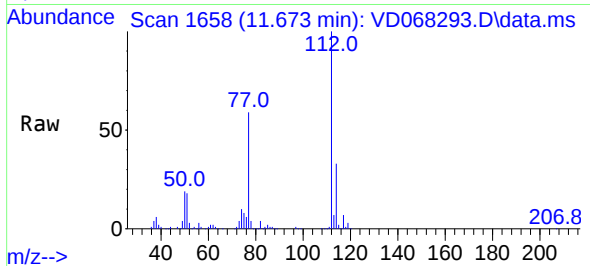
Tgt Ion:164 Resp: 159818
Ion Ratio Lower Upper
164 100
166 135.1 105.5 158.3
129 94.4 75.6 113.4
131 93.4 72.4 108.6





#65
Chlorobenzene
Concen: 50.50 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

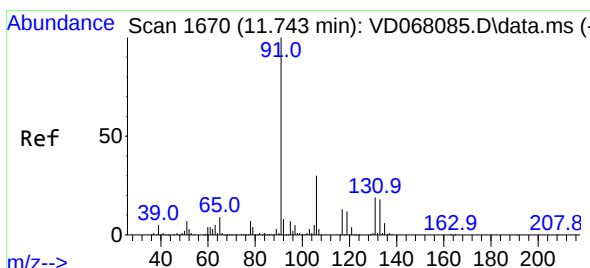
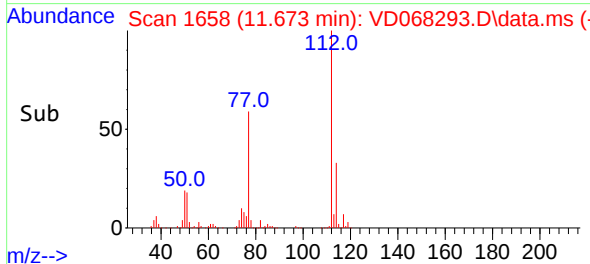
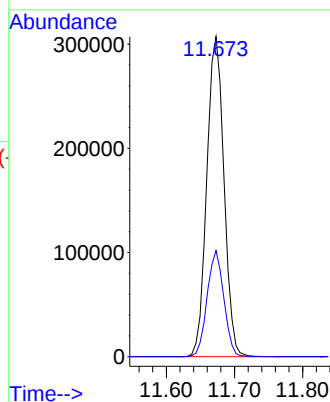
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



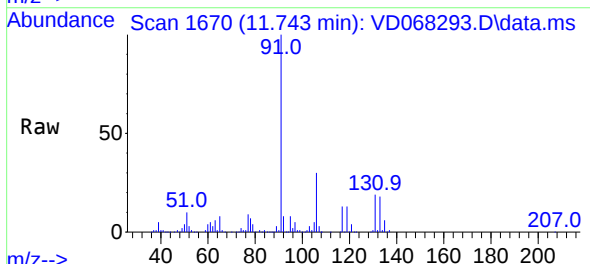
Tgt Ion:112 Resp: 538850
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

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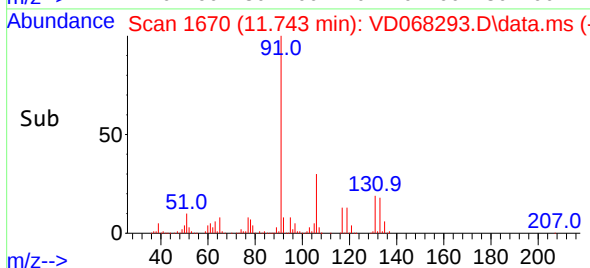
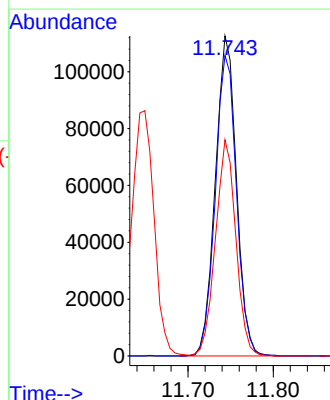
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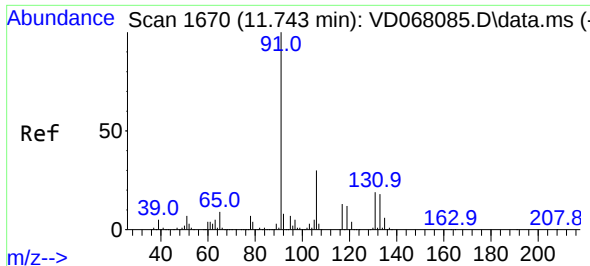


#66
1,1,1,2-Tetrachloroethane
Concen: 51.49 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



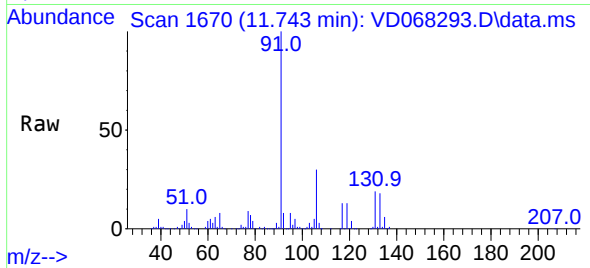
Tgt Ion:131 Resp: 193285
Ion Ratio Lower Upper
131 100
133 94.8 48.1 144.4
119 65.5 31.6 94.8





#67
Ethyl Benzene
Concen: 49.12 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

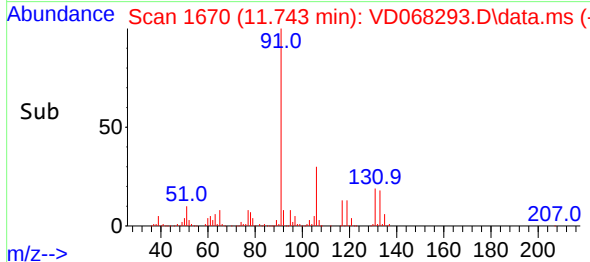
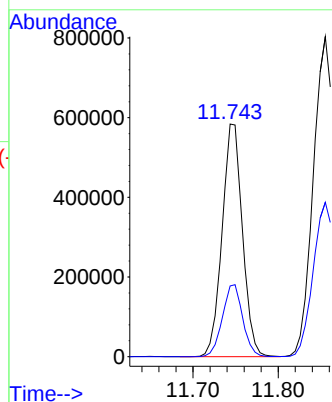
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 970444
Ion Ratio Lower Upper
91 100
106 30.4 25.9 38.9

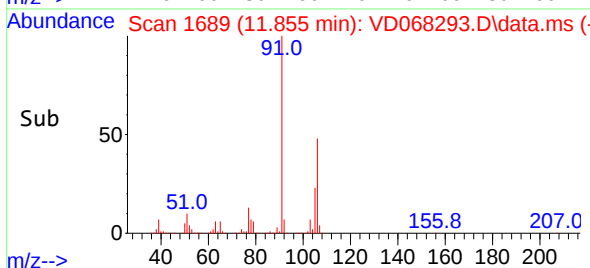
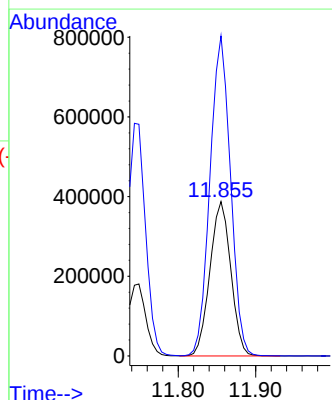
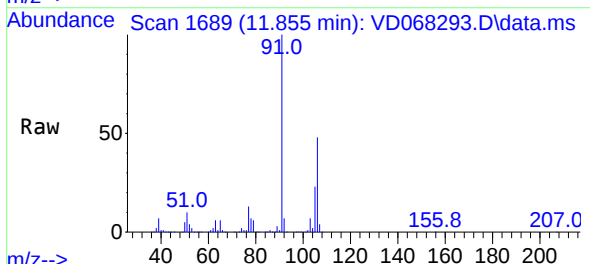
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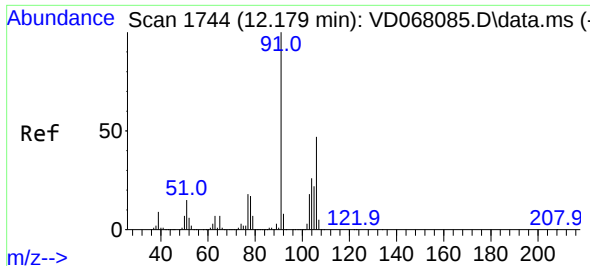
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#68
m/p-Xylenes
Concen: 97.23 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 106 Resp: 725233
Ion Ratio Lower Upper
106 100
91 203.8 159.1 238.7





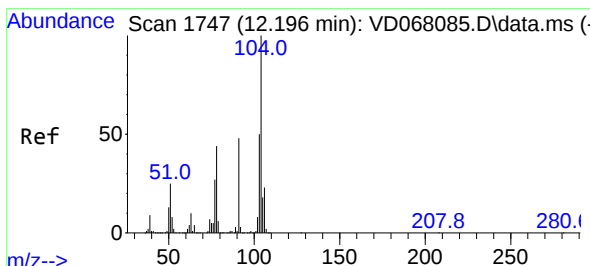
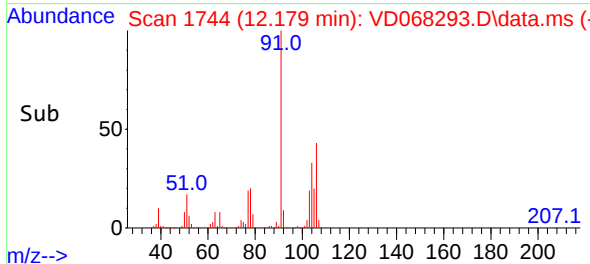
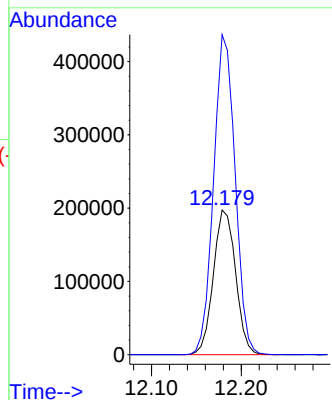
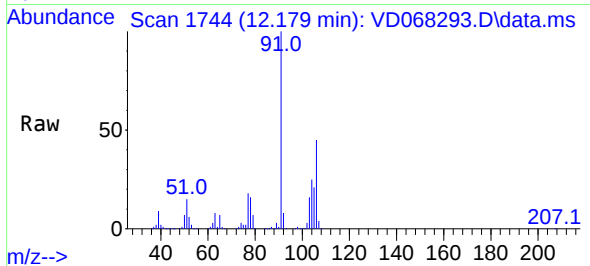
#69
o-Xylene
Concen: 49.08 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion:106 Resp: 339984
Ion Ratio Lower Upper
106 100
91 214.2 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

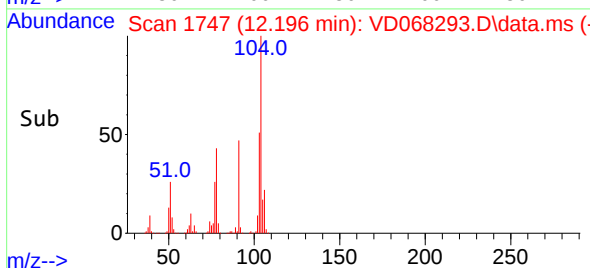
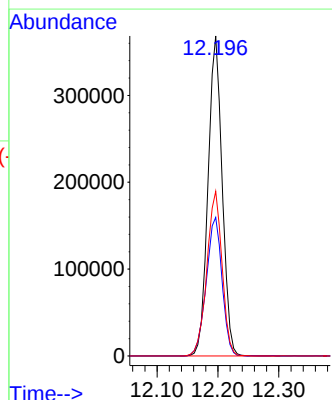
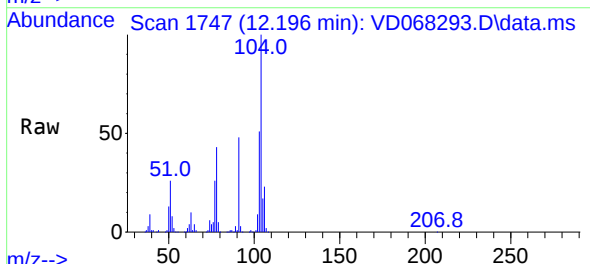
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#70
Styrene
Concen: 50.22 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion:104 Resp: 593808
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.2
103 55.3 43.1 64.7





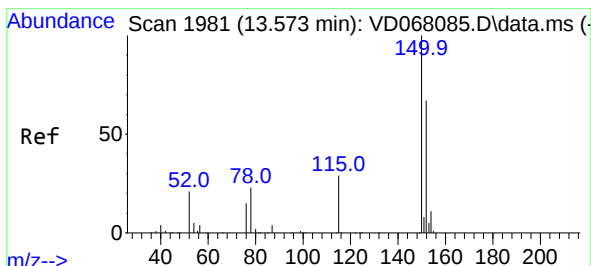
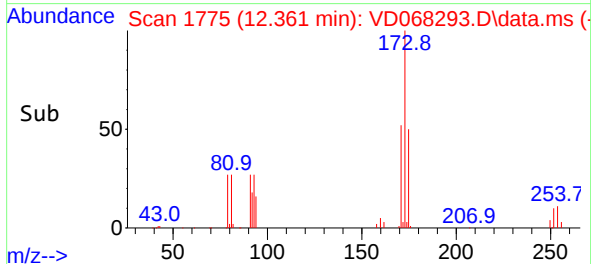
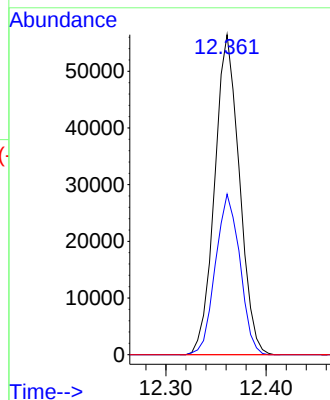
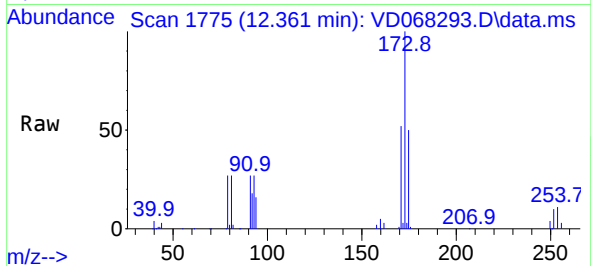
#71
Bromoform
Concen: 50.83 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion:173 Resp: 96703
Ion Ratio Lower Upper
173 100
175 49.7 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

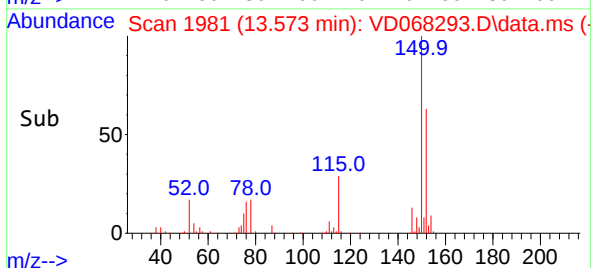
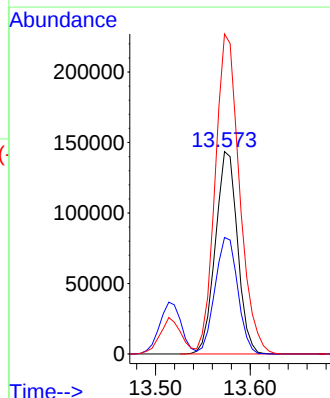
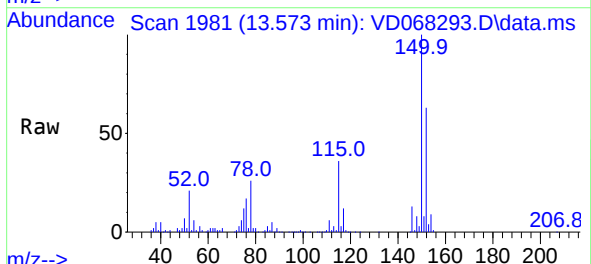
Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

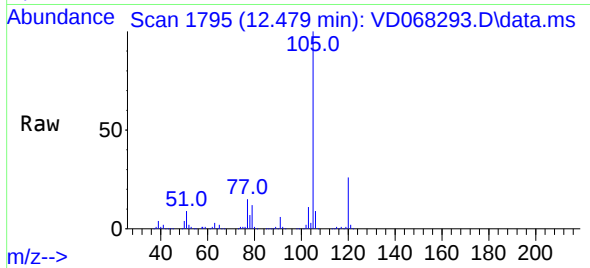
Tgt Ion:152 Resp: 233344
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.8
150 173.3 0.0 344.4





#73
Isopropylbenzene
Concen: 46.96 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

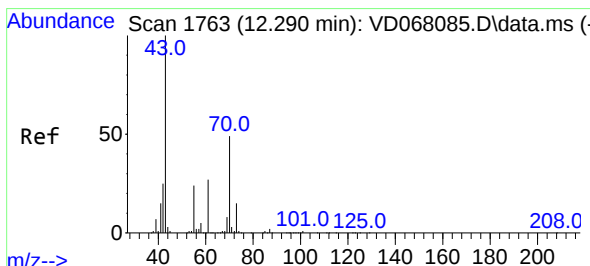
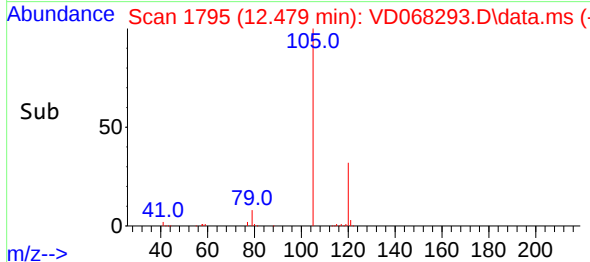
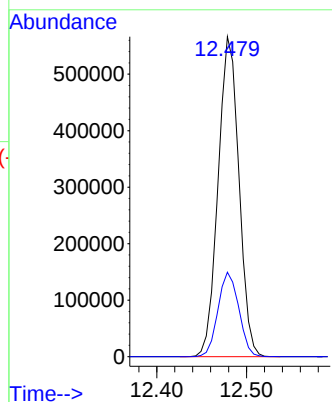
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



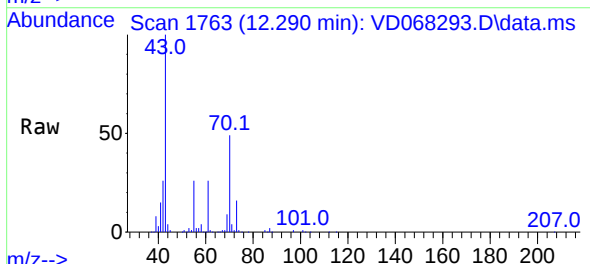
Tgt Ion: 105 Resp: 911736
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

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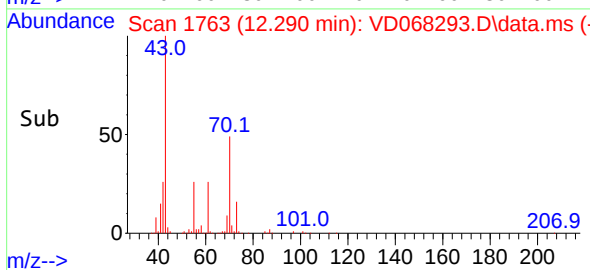
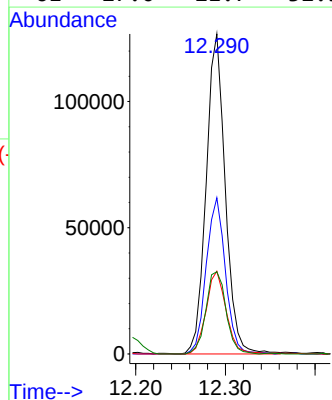
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2/5/2021 10:50:38 AM



#74
N-ethyl acetate
Concen: 46.59 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



Tgt Ion: 43 Resp: 188037
Ion Ratio Lower Upper
43 100
70 49.0 41.8 62.8
55 27.0 24.2 36.4
61 27.0 21.7 32.5





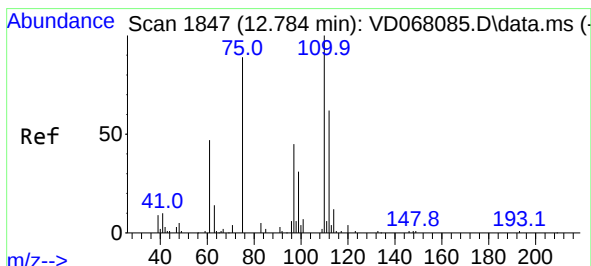
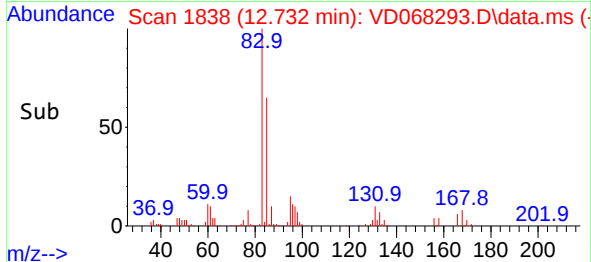
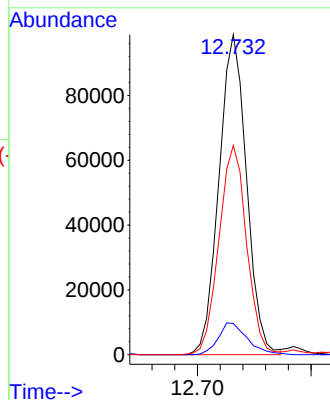
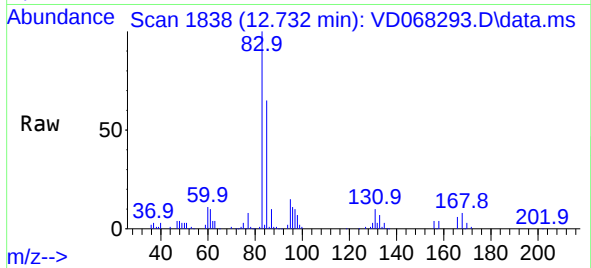
#75
1,1,2,2-Tetrachloroethane
Concen: 53.98 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 83 Resp: 166706
Ion Ratio Lower Upper
83 100
131 10.5 5.8 17.4
85 65.4 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

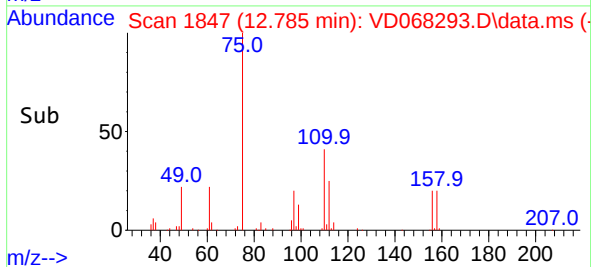
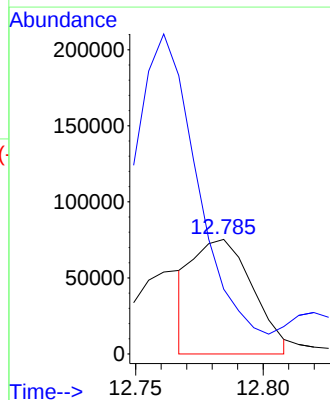
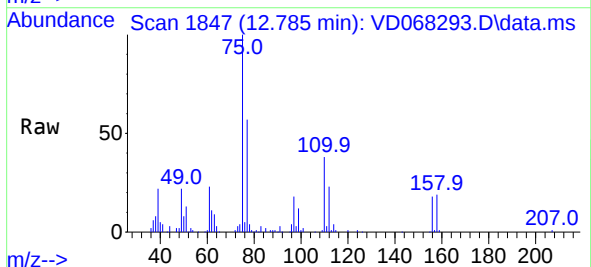
Manual Integrations
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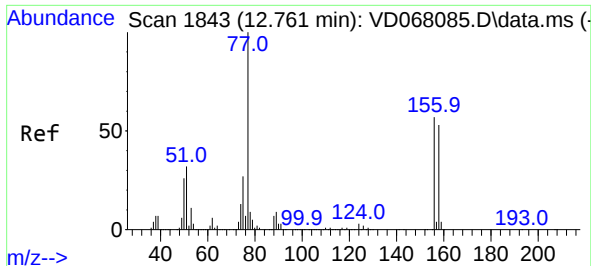
MMDadoda
2/5/2021 10:50:38 AM



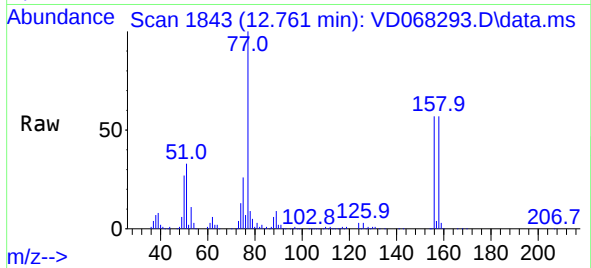
#76
1,2,3-Trichloropropane
Concen: 54.46 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 75 Resp: 122873
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

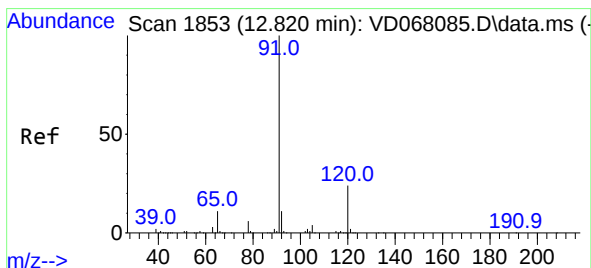
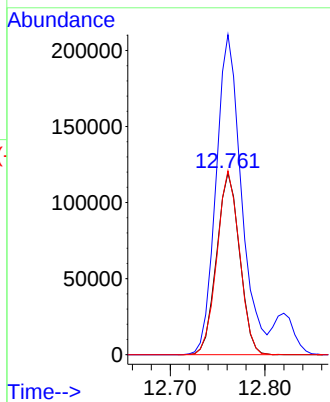
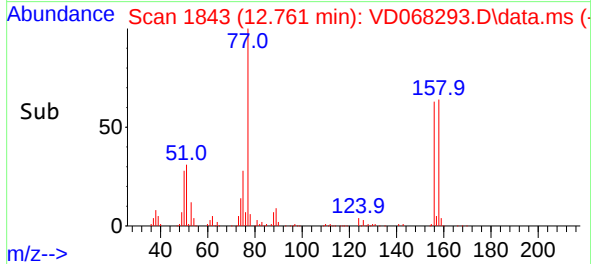




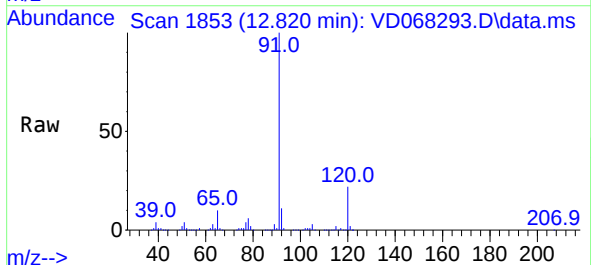
#77
Bromobenzene
Concen: 48.43 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



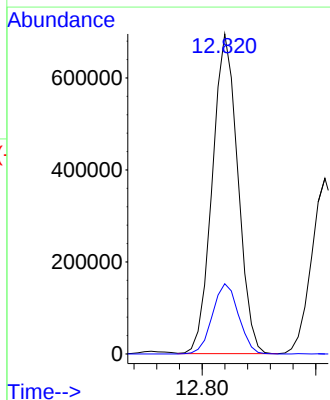
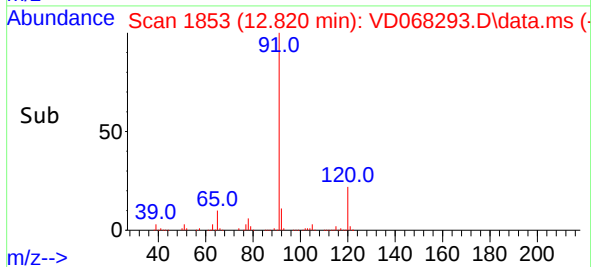
Tgt Ion:156 Resp: 201618
Ion Ratio Lower Upper
156 100
77 194.4 82.8 248.3
158 99.2 48.0 144.0



#78
n-propylbenzene
Concen: 47.26 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



Tgt Ion: 91 Resp: 1085739
Ion Ratio Lower Upper
91 100
120 22.4 12.0 36.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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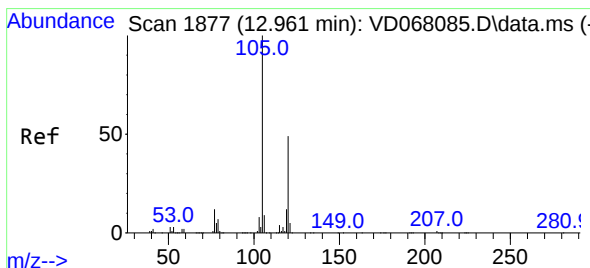
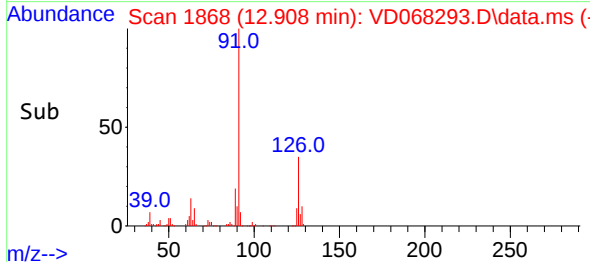
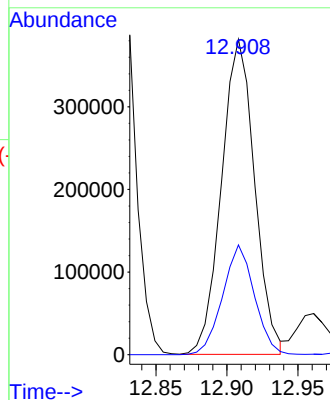
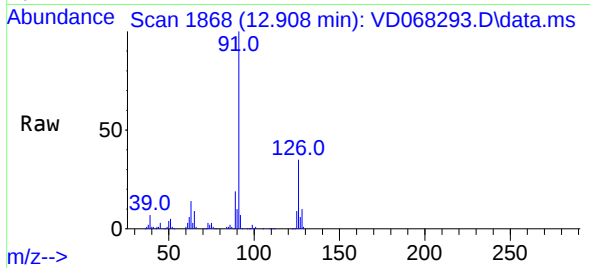
#79
2-Chlorotoluene
Concen: 47.97 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 91 Resp: 618728
Ion Ratio Lower Upper
91 100
126 33.5 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

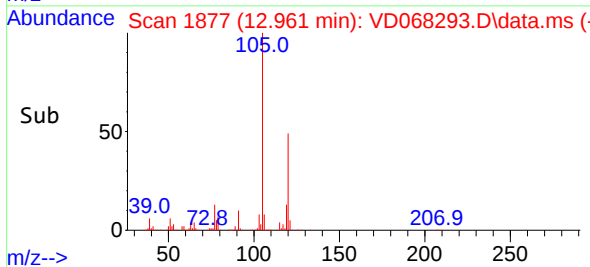
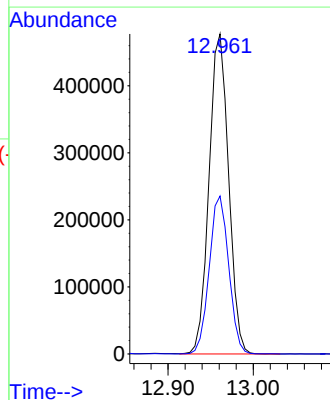
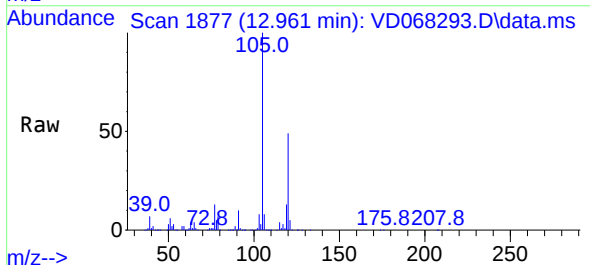
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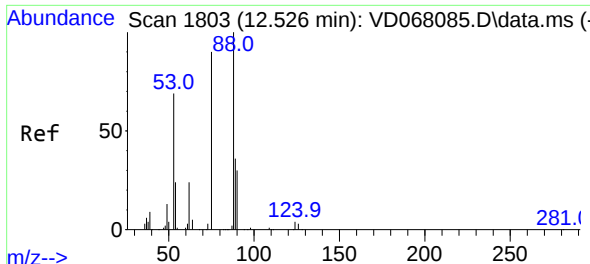
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#80
1,3,5-Trimethylbenzene
Concen: 47.04 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

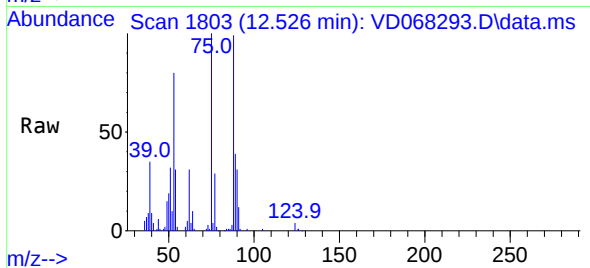
Tgt Ion: 105 Resp: 760651
Ion Ratio Lower Upper
105 100
120 49.2 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.01 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

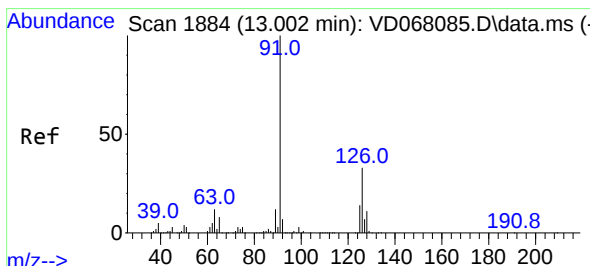
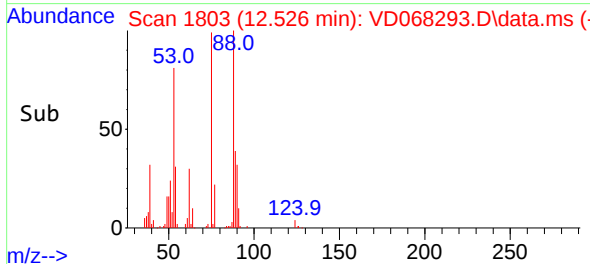
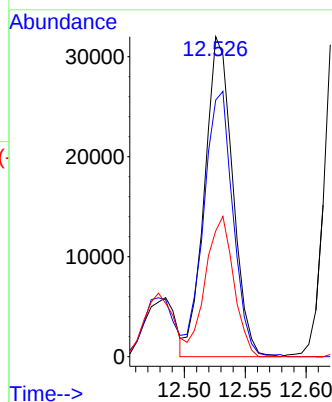
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



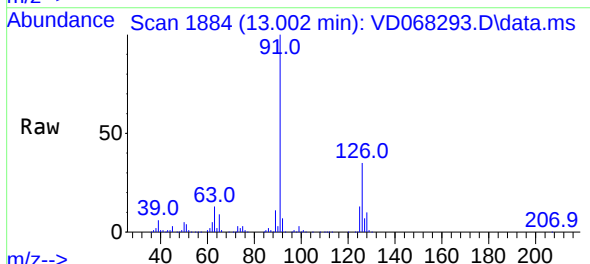
Tgt Ion: 75 Resp: 51296
Ion Ratio Lower Upper
75 100
53 86.8 70.2 105.2
89 43.6 40.3 60.5

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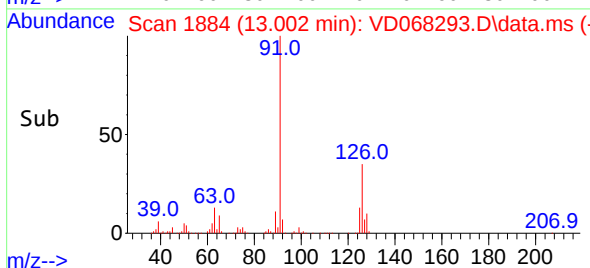
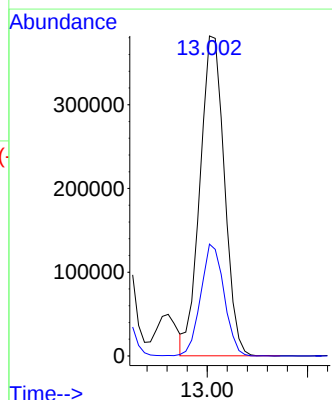
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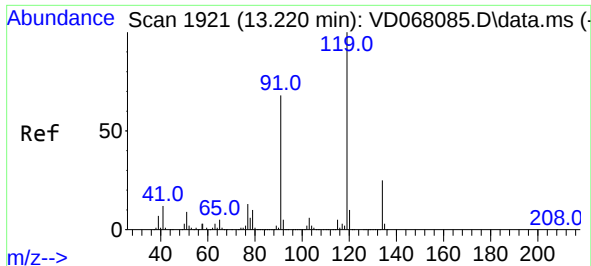


#82
4-Chlorotoluene
Concen: 48.18 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



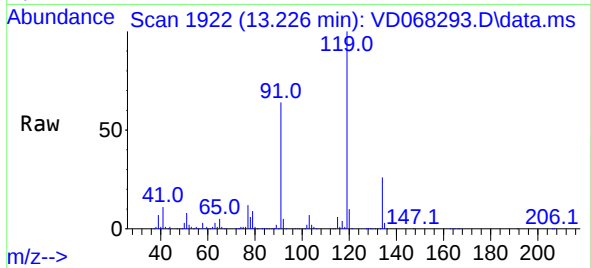
Tgt Ion: 91 Resp: 646135
Ion Ratio Lower Upper
91 100
126 33.6 17.7 53.1





#83
tert-Butylbenzene
Concen: 46.58 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

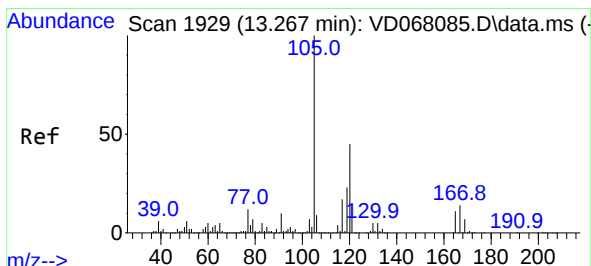
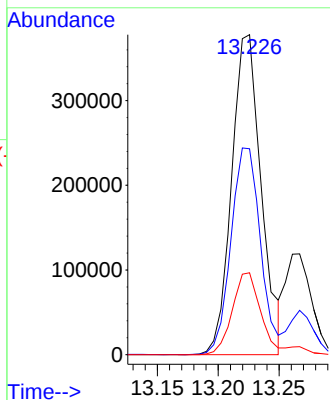
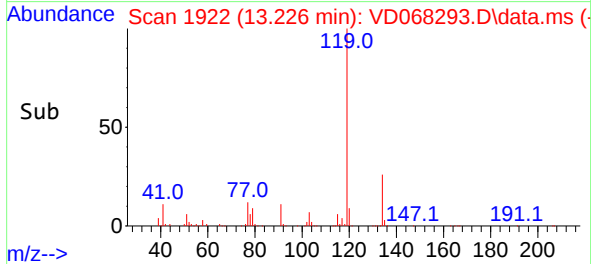
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



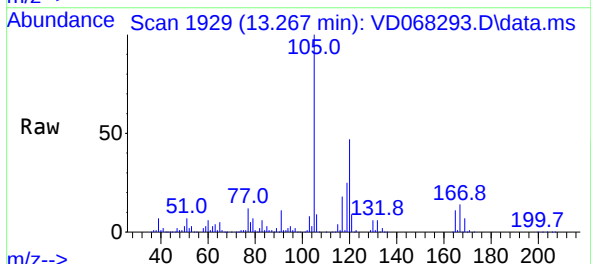
Tgt Ion:119 Resp: 638322
Ion Ratio Lower Upper
119 100
91 64.5 31.1 93.5
134 24.7 13.3 39.8

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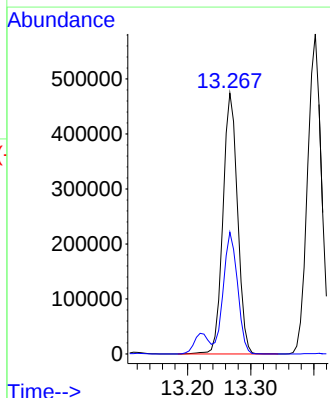
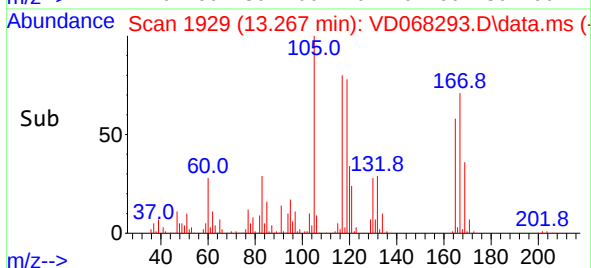
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#84
1,2,4-Trimethylbenzene
Concen: 47.42 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



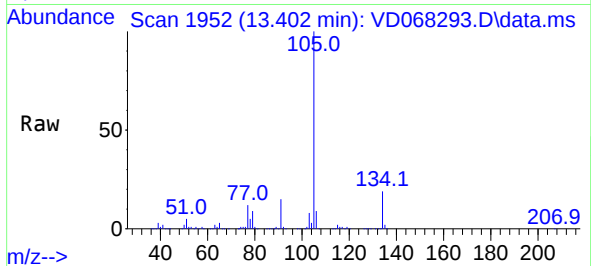
Tgt Ion:105 Resp: 761163
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 46.53 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD068293.D
 Acq: 04 Feb 2021 22:45

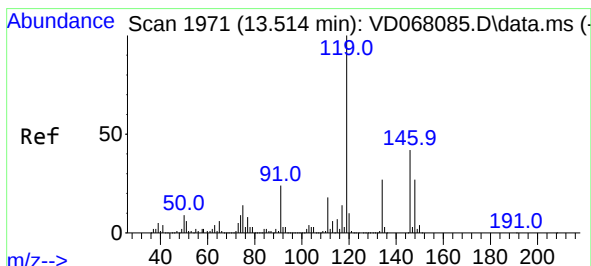
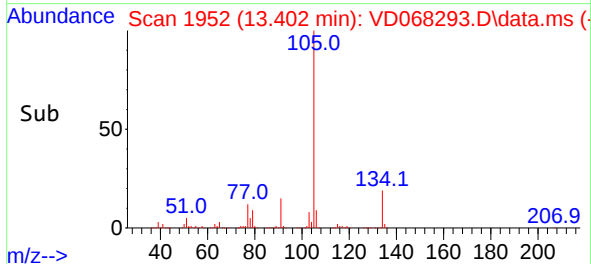
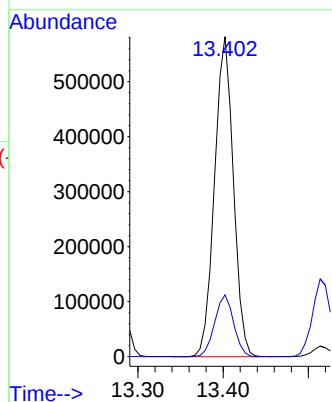
Instrument :
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 ClientSampleId :
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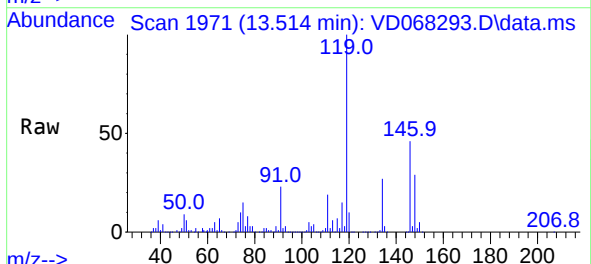
Tgt Ion:105 Resp: 891760
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.3 30.9

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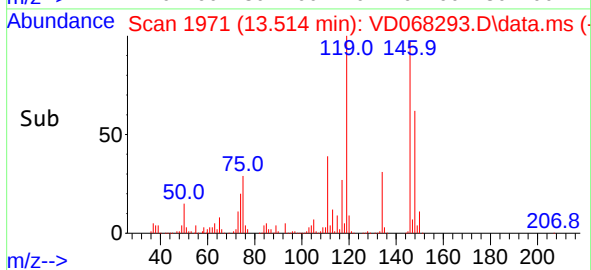
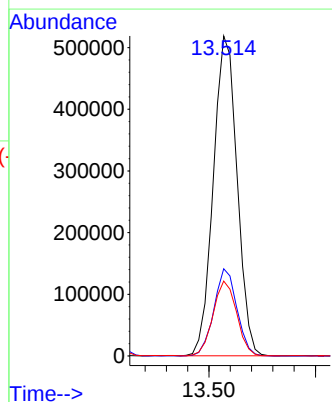
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#86
 p-Isopropyltoluene
 Concen: 46.12 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068293.D
 Acq: 04 Feb 2021 22:45



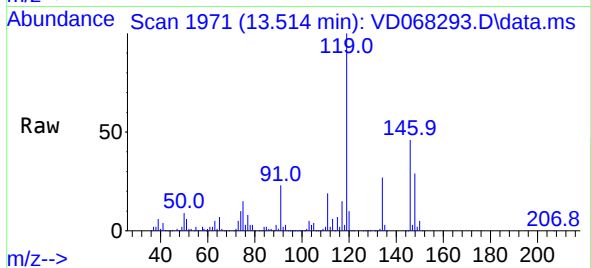
Tgt Ion:119 Resp: 803970
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 23.2 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 49.80 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

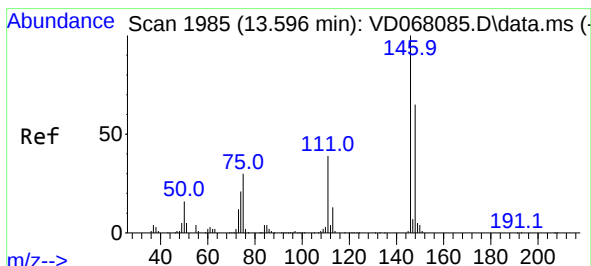
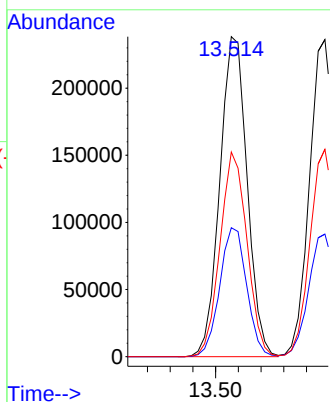
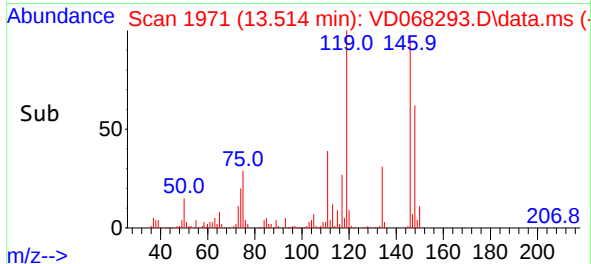
Instrument :
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ClientSampleId :
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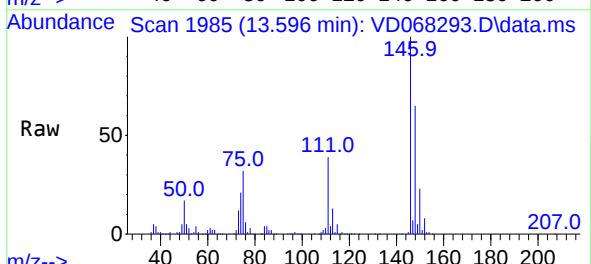
Tgt Ion:146 Resp: 398559
Ion Ratio Lower Upper
146 100
111 39.8 19.5 58.5
148 63.0 31.6 95.0

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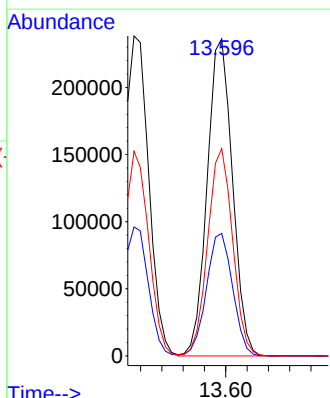
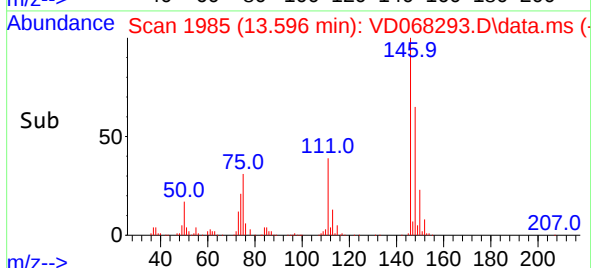
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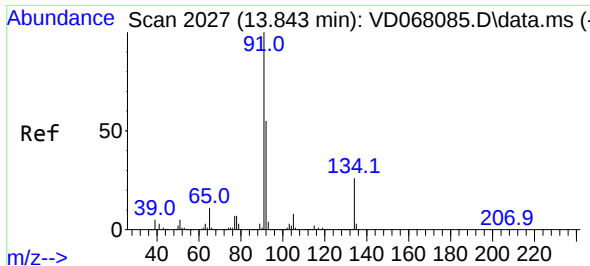


#88
1,4-Dichlorobenzene
Concen: 49.40 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



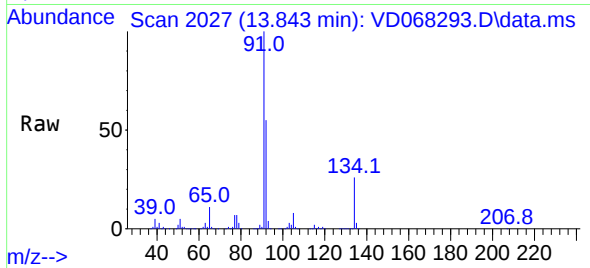
Tgt Ion:146 Resp: 389558
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.1
148 64.6 31.9 95.7





#89
n-Butylbenzene
Concen: 45.44 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

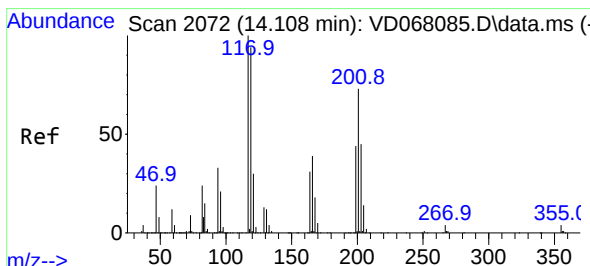
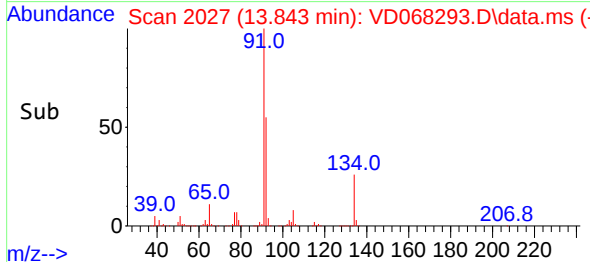
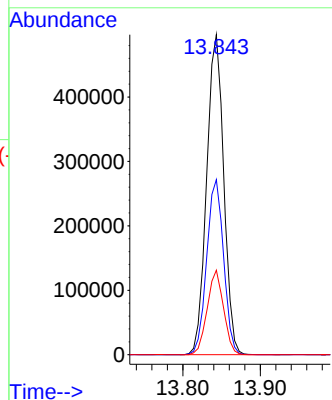
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 760234
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 25.3 13.9 41.7

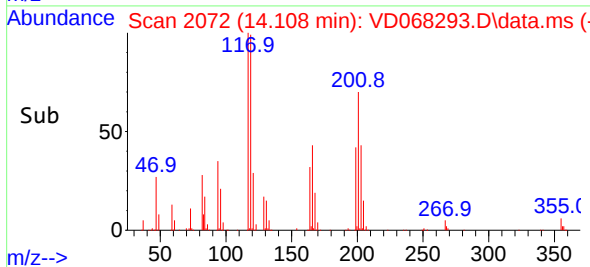
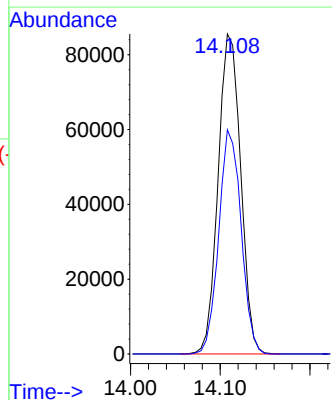
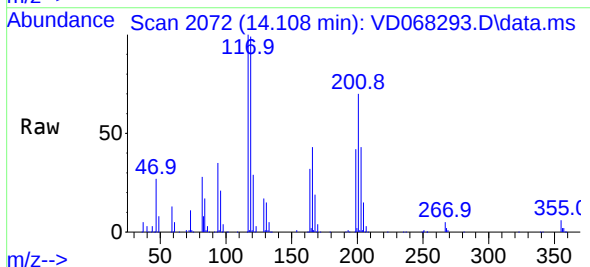
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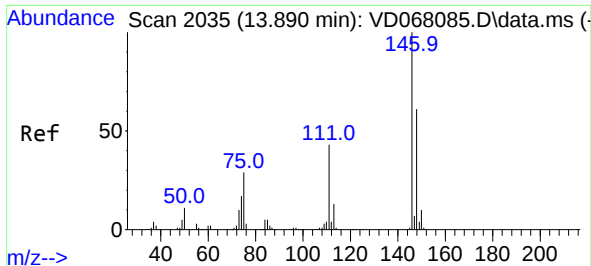
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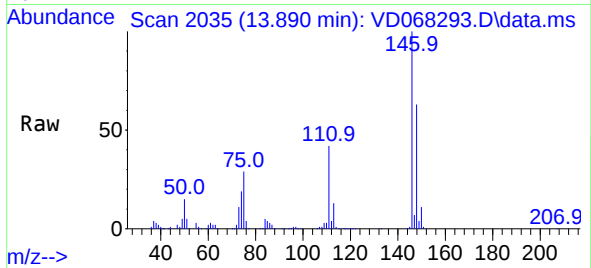
#90
Hexachloroethane
Concen: 47.47 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion: 117 Resp: 149474
Ion Ratio Lower Upper
117 100
201 69.3 39.5 118.5

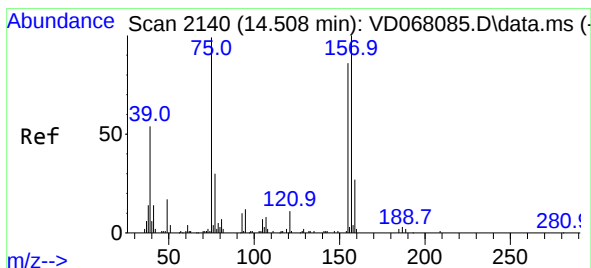
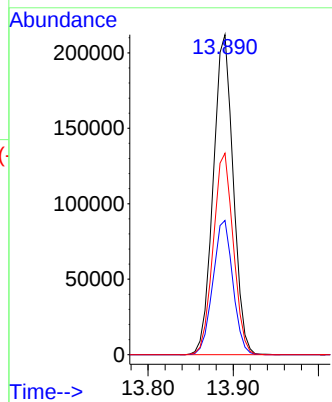
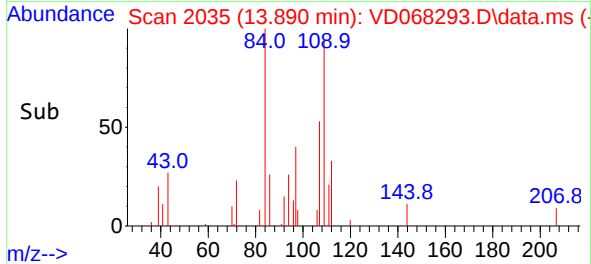




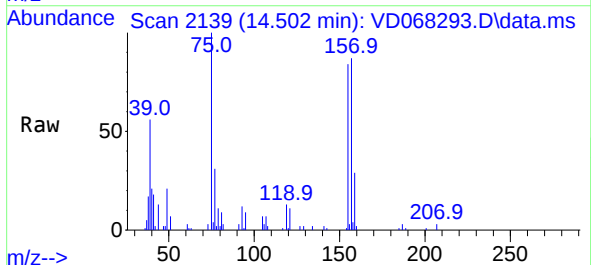
#91
1,2-Dichlorobenzene
Concen: 50.45 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



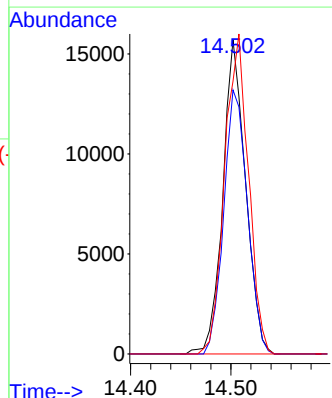
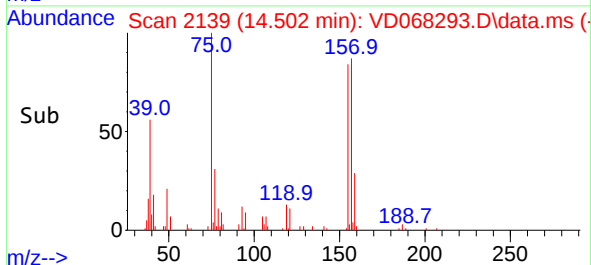
Tgt Ion:146 Resp: 345883
Ion Ratio Lower Upper
146 100
111 41.9 20.3 60.9
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.91 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



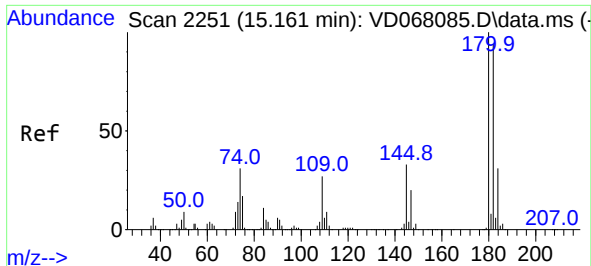
Tgt Ion: 75 Resp: 24721
Ion Ratio Lower Upper
75 100
155 87.6 48.0 144.2
157 106.4 65.0 194.8



Instrument :
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ClientSampleId :
VSTDCCC050EC

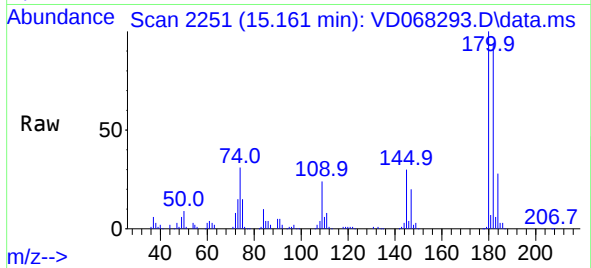
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#93
1,2,4-Trichlorobenzene
Concen: 47.88 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

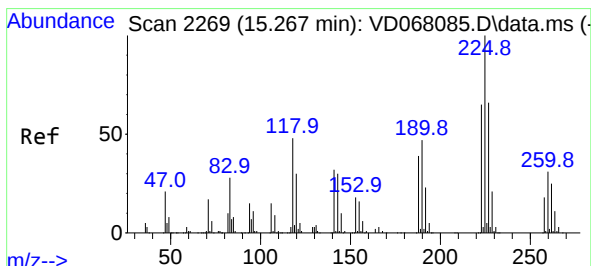
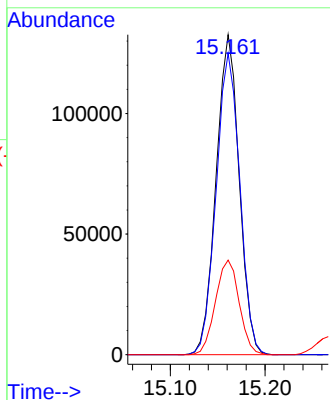
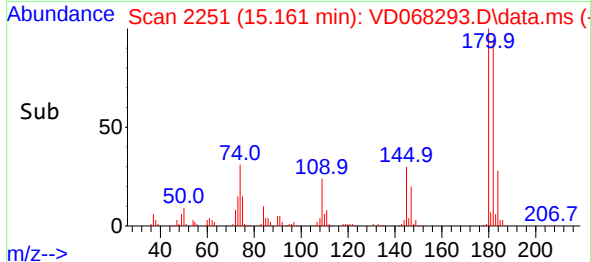
Instrument :
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ClientSampleId :
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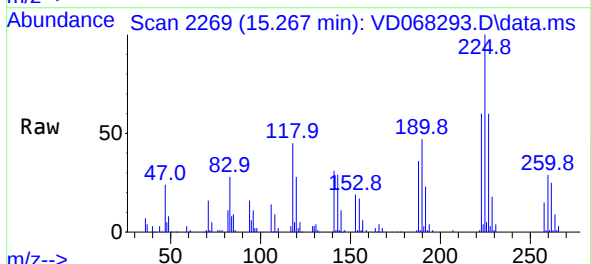
Tgt Ion:180 Resp: 225022
Ion Ratio Lower Upper
180 100
182 96.3 46.8 140.4
145 30.4 15.2 45.5

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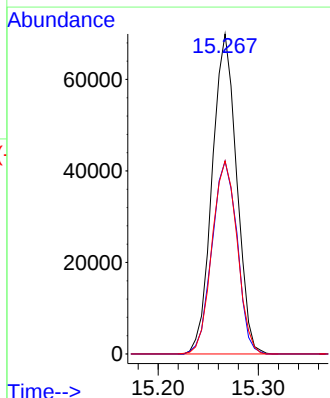
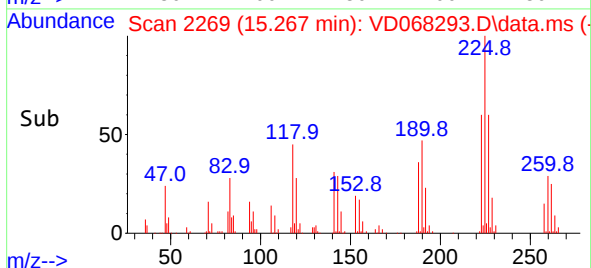
MMDadoda
2/5/2021 10:50:38 AM

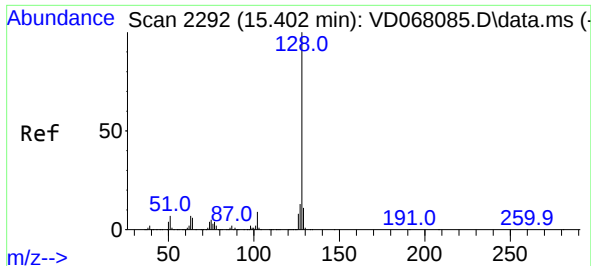


#94
Hexachlorobutadiene
Concen: 45.47 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45



Tgt Ion:225 Resp: 118480
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.5
227 62.2 32.1 96.5





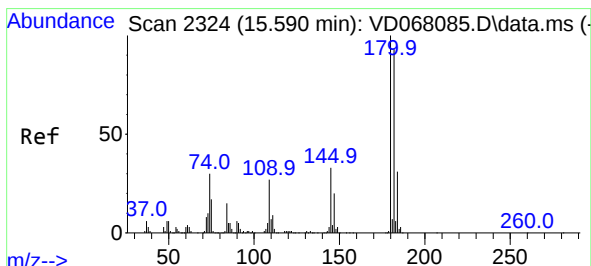
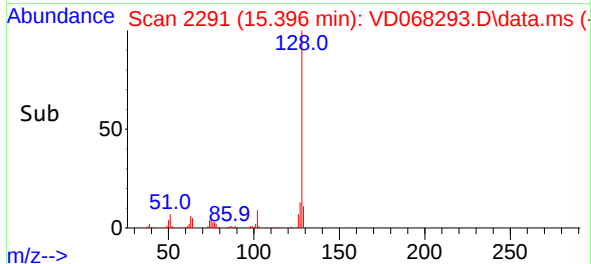
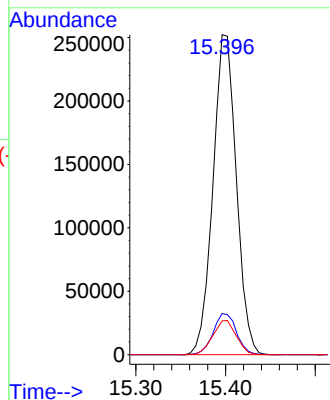
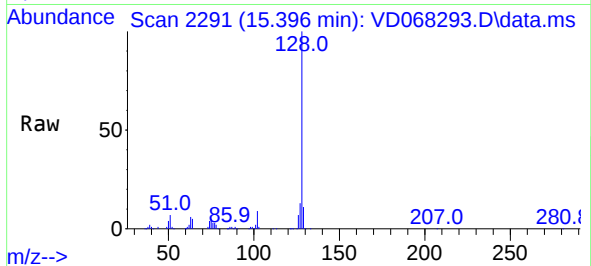
#95
Naphthalene
Concen: 51.70 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion:128 Resp: 455573
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/5/2021 10:50:38 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.61 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068293.D
Acq: 04 Feb 2021 22:45

Tgt Ion:180 Resp: 196670
Ion Ratio Lower Upper
180 100
182 94.6 48.3 144.8
145 33.3 16.7 50.1

