

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021521\
 Data File : VD068365.D
 Acq On : 15 Feb 2021 16:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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Quant Time: Feb 16 00:16:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	368832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	650988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	596154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	269025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	218625	57.98	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.96%			
35) Dibromofluoromethane	7.920	113	214148	55.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.84%			
50) Toluene-d8	10.344	98	867279	54.15	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.30%			
62) 4-Bromofluorobenzene	12.632	95	285253	54.68	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	152637	45.16	ug/l	93
3) Chloromethane	2.209	50	190456	47.33	ug/l	95
4) Vinyl Chloride	2.350	62	227995	47.33	ug/l	98
5) Bromomethane	2.773	94	156385	45.42	ug/l	99
6) Chloroethane	2.926	64	151800	48.25	ug/l	100
7) Trichlorofluoromethane	3.279	101	280693	47.34	ug/l	98
8) Diethyl Ether	3.715	74	90801	52.15	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	174772	48.44	ug/l	92
10) Methyl Iodide	4.309	142	175408	51.77	ug/l	94
11) Tert butyl alcohol	5.220	59	48872	258.53	ug/l #	93
12) 1,1-Dichloroethene	4.073	96	168408	48.01	ug/l	95
13) Acrolein	3.926	56	64925	300.35	ug/l	98
14) Allyl chloride	4.715	41	240825	52.80	ug/l	97
15) Acrylonitrile	5.432	53	203683	271.02	ug/l	99
16) Acetone	4.162	43	146818	252.38	ug/l	90
17) Carbon Disulfide	4.415	76	477683	47.02	ug/l	99
18) Methyl Acetate	4.720	43	86307	54.06	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	416046	52.56	ug/l #	90
20) Methylene Chloride	4.967	84	219955	54.69	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	198746	48.95	ug/l	93
22) Diisopropyl ether	6.373	45	550164	54.51	ug/l #	90
23) Vinyl Acetate	6.314	43	1452742	278.77	ug/l	97
24) 1,1-Dichloroethane	6.273	63	351406	50.88	ug/l	99
25) 2-Butanone	7.214	43	220815	271.48	ug/l	98
26) 2,2-Dichloropropane	7.214	77	292636	49.54	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	235928	51.12	ug/l	96
28) Bromochloromethane	7.550	49	172282	60.15	ug/l #	77
29) Tetrahydrofuran	7.561	42	145439	276.43	ug/l	94
30) Chloroform	7.714	83	371195	51.68	ug/l	99
31) Cyclohexane	7.985	56	293220	52.35	ug/l	93
32) 1,1,1-Trichloroethane	7.908	97	310846	50.08	ug/l	95
36) 1,1-Dichloropropene	8.114	75	278064	48.28	ug/l	96
37) Ethyl Acetate	7.297	43	104611	53.75	ug/l #	95
38) Carbon Tetrachloride	8.103	117	266225	48.46	ug/l	91
39) Methylcyclohexane	9.355	83	331394	46.91	ug/l	96
40) Benzene	8.355	78	815819	49.66	ug/l	95

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Quant Time: Feb 16 00:16:52 2021
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	56951	50.84	ug/l	94
42) 1,2-Dichloroethane	8.426	62	227813	51.99	ug/l	98
43) Isopropyl Acetate	8.456	43	201606	54.10	ug/l	98
44) Trichloroethene	9.114	130	215661	48.24	ug/l	96
45) 1,2-Dichloropropane	9.391	63	207929	51.87	ug/l	94
46) Dibromomethane	9.479	93	107539	49.46	ug/l	93
47) Bromodichloromethane	9.661	83	290375	51.50	ug/l	98
48) Methyl methacrylate	9.461	41	98380	52.90	ug/l	91
49) 1,4-Dioxane	9.461	88	25434	1001.15	ug/l #	89
51) 4-Methyl-2-Pentanone	10.232	43	520575	271.99	ug/l	99
52) Toluene	10.408	92	524104	49.62	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	272833	52.29	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	326125	51.16	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	159781	53.19	ug/l	93
56) Ethyl methacrylate	10.661	69	194771	54.65	ug/l	97
57) 1,3-Dichloropropane	10.949	76	270743	51.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	521601	273.30	ug/l	92
59) 2-Hexanone	10.985	43	349295	269.98	ug/l	100
60) Dibromochloromethane	11.144	129	192203	51.56	ug/l	99
61) 1,2-Dibromoethane	11.249	107	148892	51.29	ug/l	100
64) Tetrachloroethene	10.879	164	173885	47.40	ug/l	95
65) Chlorobenzene	11.673	112	565542	49.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	202710	50.68	ug/l	98
67) Ethyl Benzene	11.744	91	1024809	49.86	ug/l	96
68) m/p-Xylenes	11.855	106	769160	99.03	ug/l	99
69) o-Xylene	12.179	106	361631	50.75	ug/l	96
70) Styrene	12.196	104	627082	50.59	ug/l	99
71) Bromoform	12.361	173	101650	49.47	ug/l #	99
73) Isopropylbenzene	12.479	105	974381	49.58	ug/l	100
74) N-amyl acetate	12.285	43	187621	54.07	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	173828	51.04	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	123132m	48.10	ug/l	
77) Bromobenzene	12.761	156	219485	50.00	ug/l	88
78) n-propylbenzene	12.820	91	1164598	49.51	ug/l	97
79) 2-Chlorotoluene	12.908	91	646154	49.60	ug/l	96
80) 1,3,5-Trimethylbenzene	12.961	105	796616	49.61	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	54792	53.65	ug/l	96
82) 4-Chlorotoluene	13.002	91	682583	49.56	ug/l	97
83) tert-Butylbenzene	13.220	119	698411	50.14	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	807852	50.50	ug/l	100
85) sec-Butylbenzene	13.396	105	970019	49.79	ug/l	98
86) p-Isopropyltoluene	13.514	119	878499	50.23	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	418081	49.23	ug/l	99
88) 1,4-Dichlorobenzene	13.596	146	416301	49.26	ug/l	99
89) n-Butylbenzene	13.843	91	850993	49.86	ug/l	98
90) Hexachloroethane	14.108	117	160050	50.40	ug/l	90
91) 1,2-Dichlorobenzene	13.885	146	370043	50.25	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	25479	51.17	ug/l	88
93) 1,2,4-Trichlorobenzene	15.155	180	246027	51.01	ug/l	98
94) Hexachlorobutadiene	15.261	225	132670	50.01	ug/l	97
95) Naphthalene	15.396	128	476096	53.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	206641	49.12	ug/l	99

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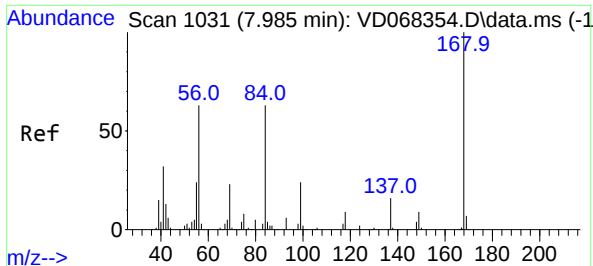
Manual Integrations
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QLast Update : Fri Feb 12 13:30:51 2021
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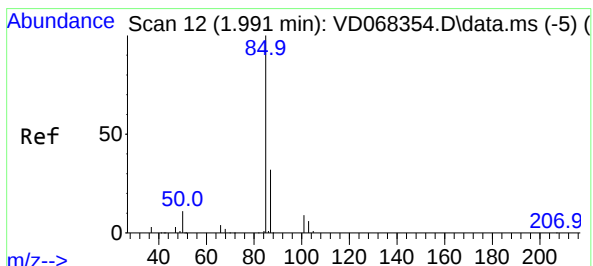
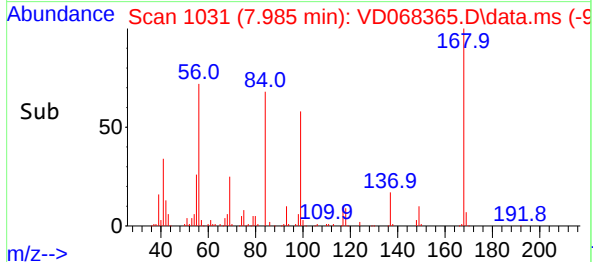
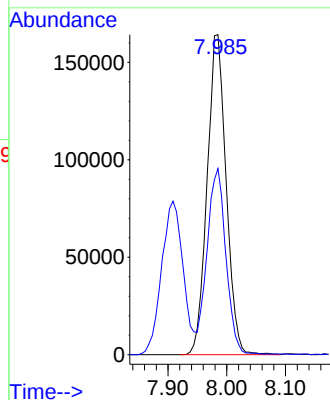
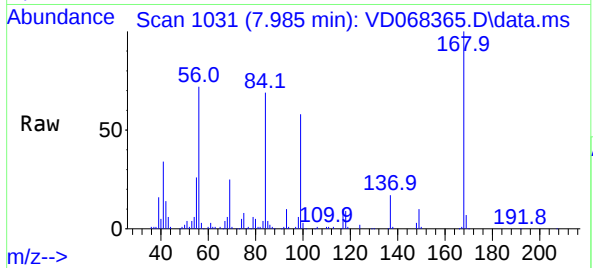
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



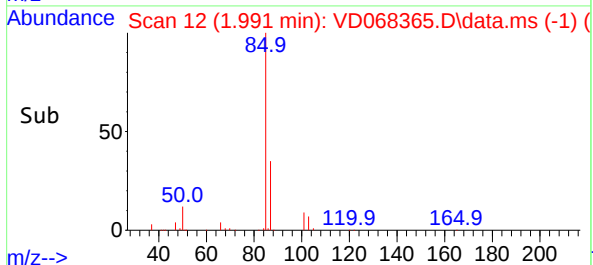
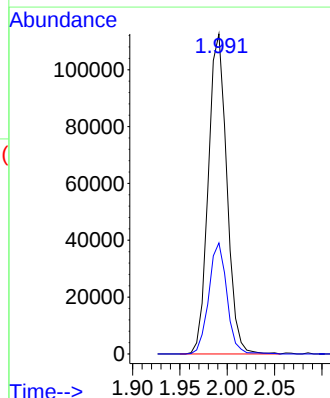
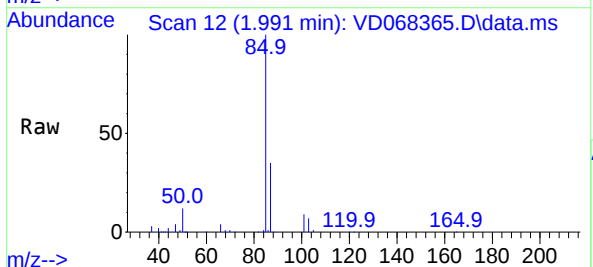
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion:168 Resp: 368832
Ion Ratio Lower Upper
168 100
99 57.9 43.5 65.3



Dichlorodifluoromethane
Concen: 45.16 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

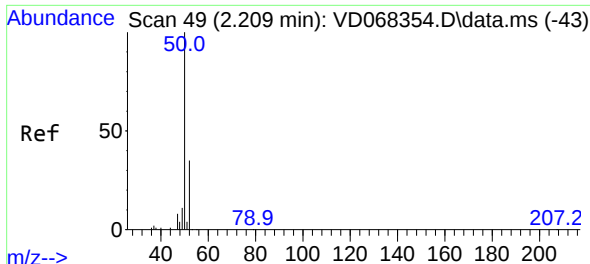
Tgt Ion: 85 Resp: 152637
Ion Ratio Lower Upper
85 100
87 34.7 15.4 46.1



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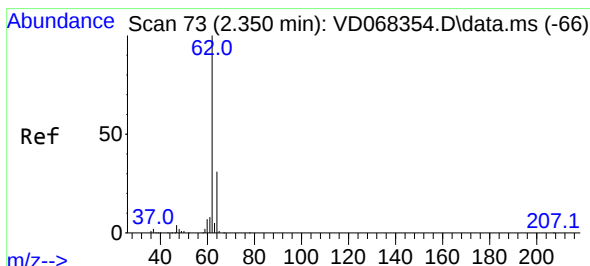
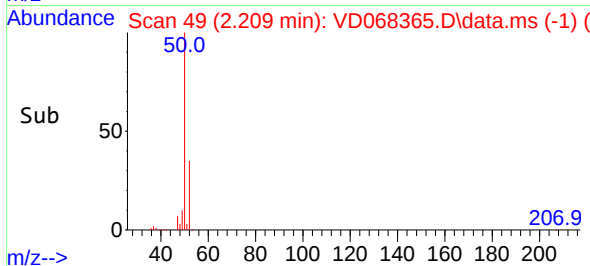
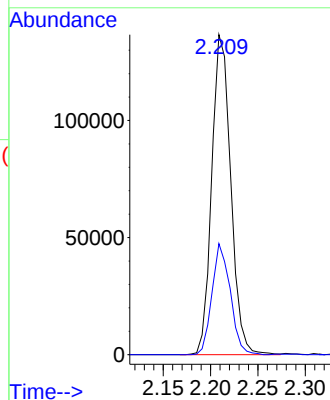
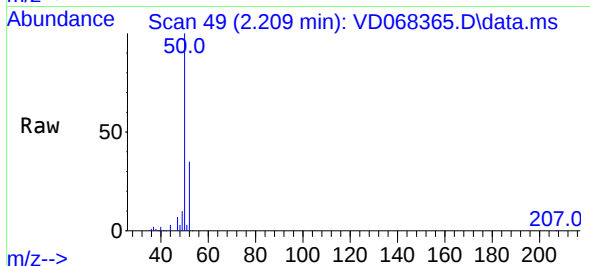
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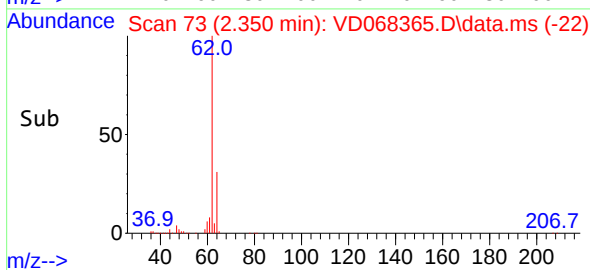
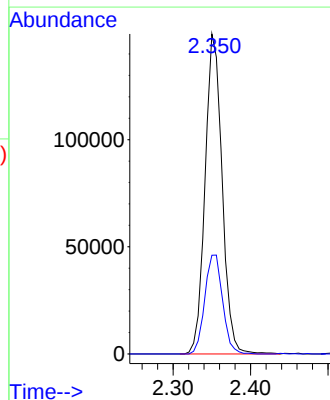
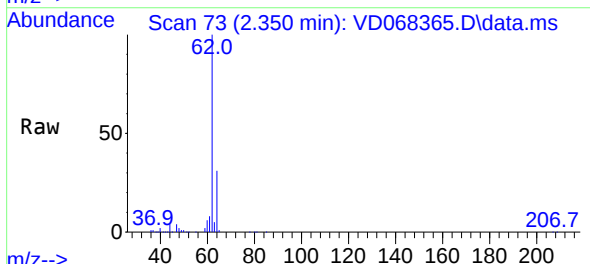
#3
Chloromethane
Concen: 47.33 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 50 Resp: 190456
Ion Ratio Lower Upper
50 100
52 34.7 25.4 38.2



#4
Vinyl Chloride
Concen: 47.33 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

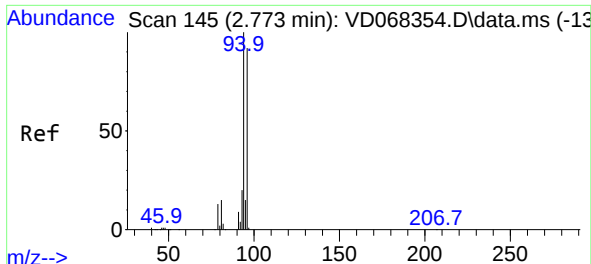
Tgt Ion: 62 Resp: 227995
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.2



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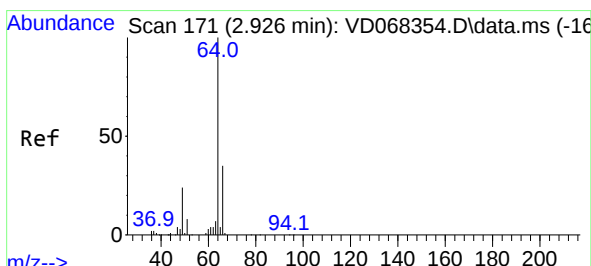
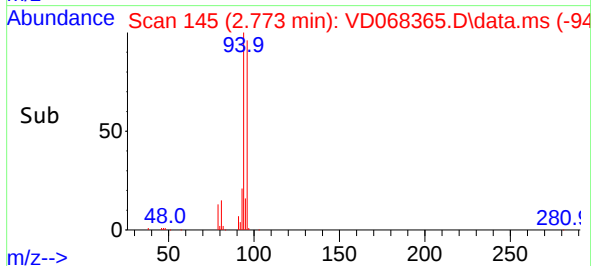
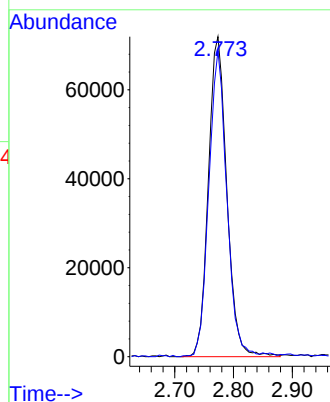
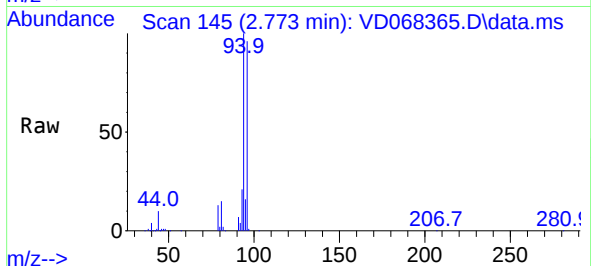
#5
Bromomethane
Concen: 45.42 ug/l
RT: 2.773 min Scan# 145
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 94 Resp: 156385
Ion Ratio Lower Upper
94 100
96 95.6 75.8 113.8

Instrument :
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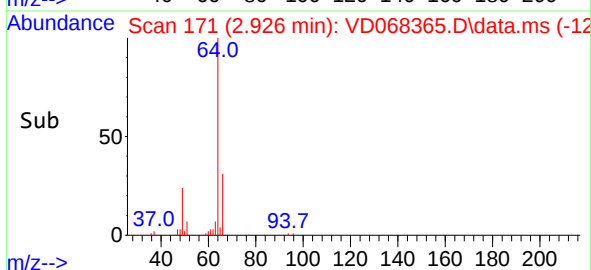
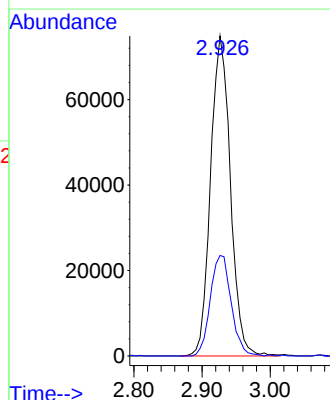
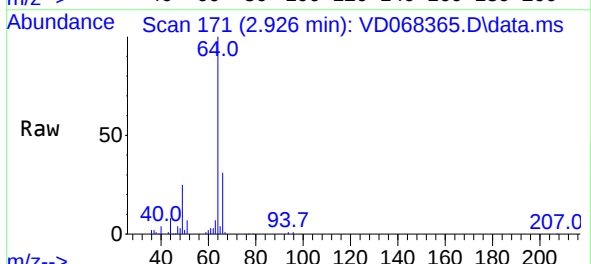
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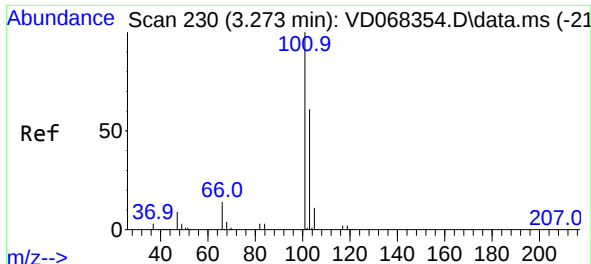
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#6
Chloroethane
Concen: 48.25 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

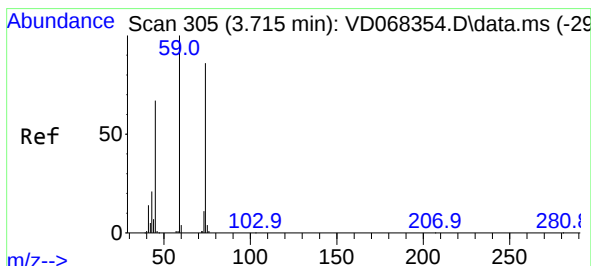
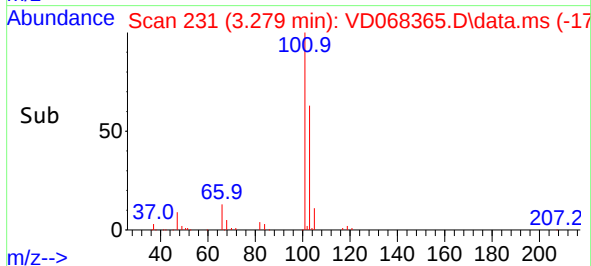
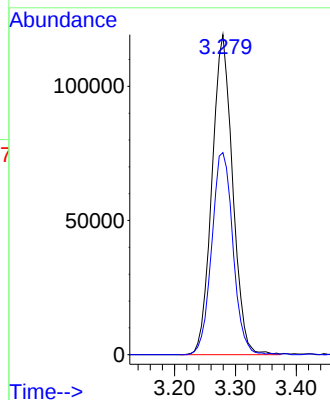
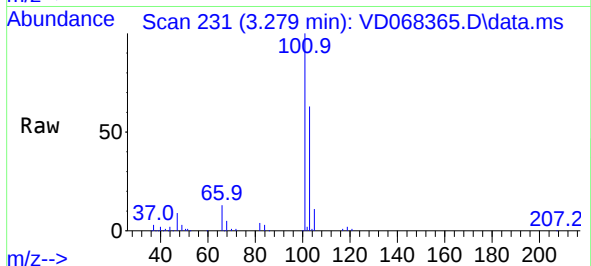
Tgt Ion: 64 Resp: 151800
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





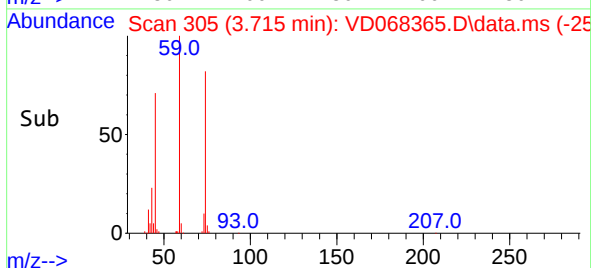
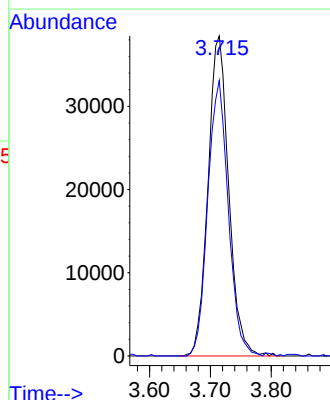
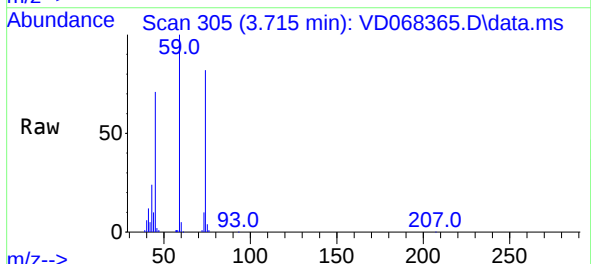
#7
Trichlorofluoromethane
Concen: 47.34 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion:101 Resp: 280693
Ion Ratio Lower Upper
101 100
103 63.2 52.0 78.0



#8
Diethyl Ether
Concen: 52.15 ug/l
RT: 3.715 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

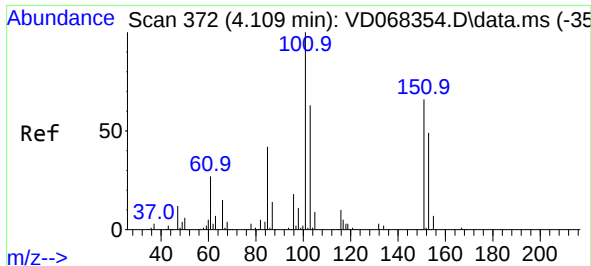
Tgt Ion: 74 Resp: 90801
Ion Ratio Lower Upper
74 100
45 85.3 42.1 126.4



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#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.44 ug/l
RT: 4.103 min Scan# 371
Delta R.T. -0.006 min
Lab File: VD068365.D
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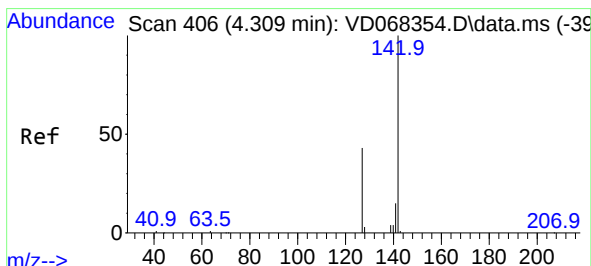
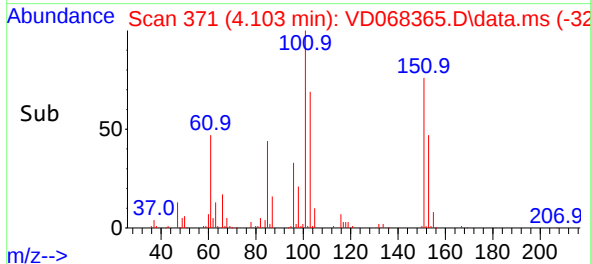
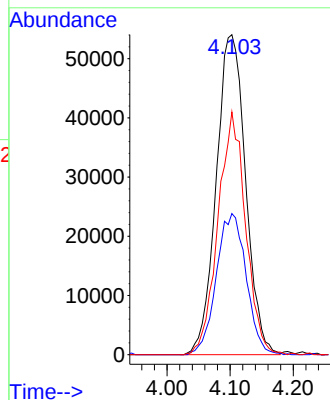
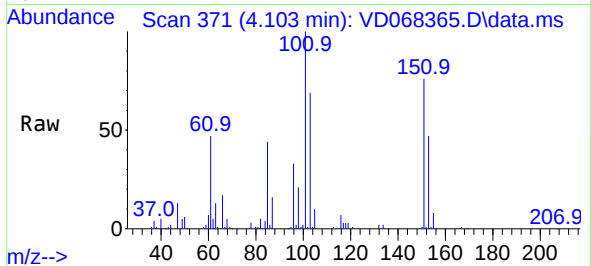
Tgt Ion:101 Resp: 174772
Ion Ratio Lower Upper
101 100
85 44.8 34.0 51.0
151 71.3 64.1 96.1

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MSVOA_D
ClientSampleId :
VSTDCCC050EC

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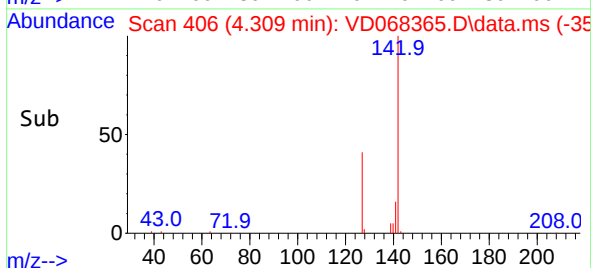
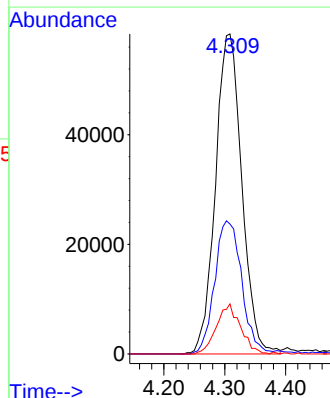
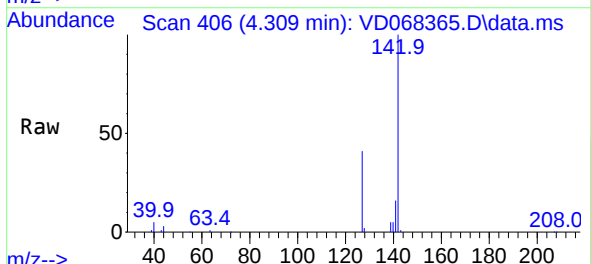
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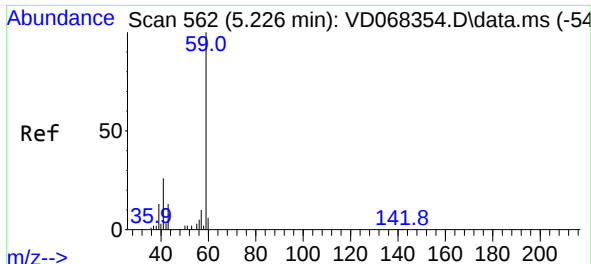
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#10
Methyl Iodide
Concen: 51.77 ug/l
RT: 4.309 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion:142 Resp: 175408
Ion Ratio Lower Upper
142 100
127 42.6 37.9 56.9
141 14.3 11.5 17.3





#11

Tert butyl alcohol
Concen: 258.53 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

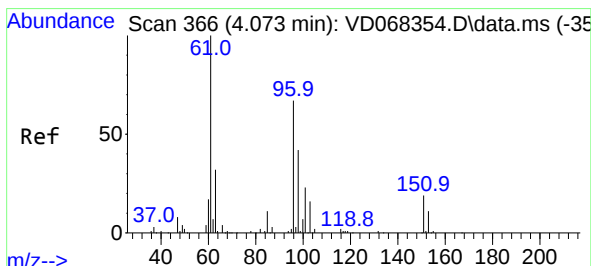
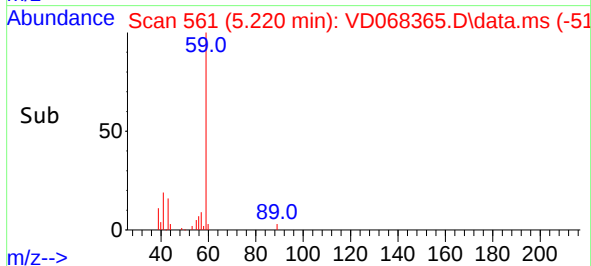
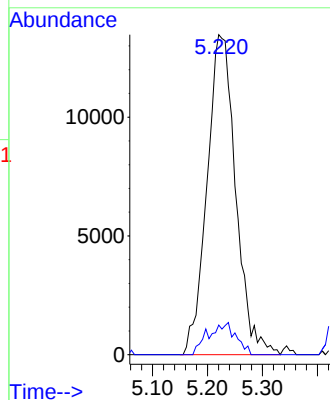
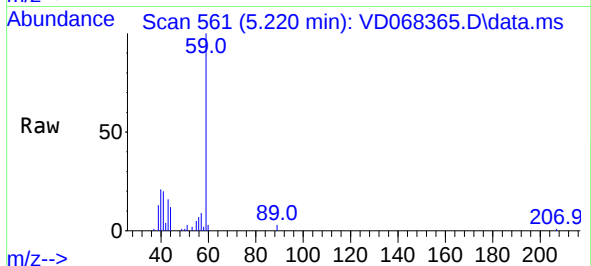
Tgt Ion: 59 Resp: 48872
Ion Ratio Lower Upper
59 100
57 6.7 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
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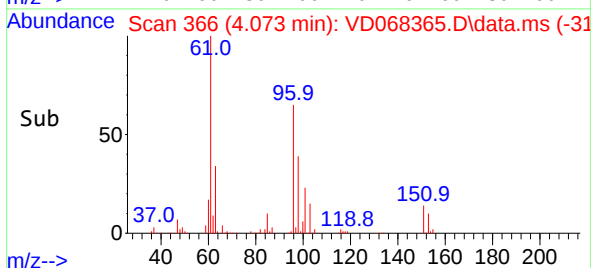
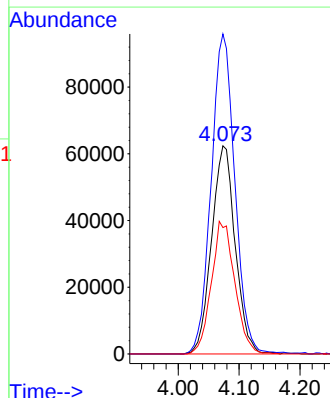
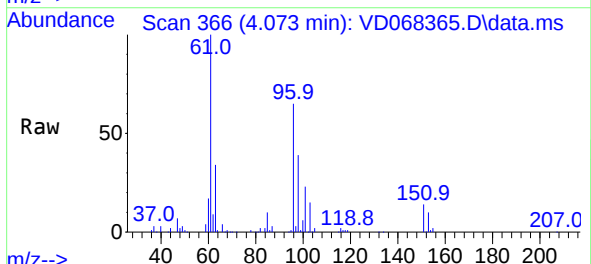
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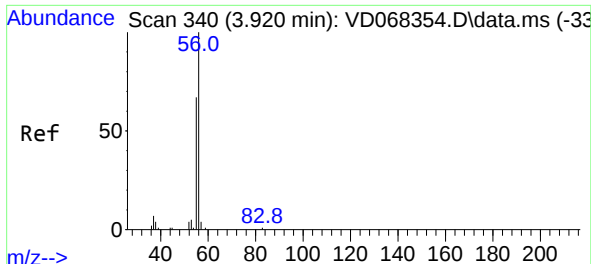


#12

1,1-Dichloroethene
Concen: 48.01 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 96 Resp: 168408
Ion Ratio Lower Upper
96 100
61 153.7 116.2 174.4
98 60.7 48.6 73.0





#13
Acrolein
Concen: 300.35 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

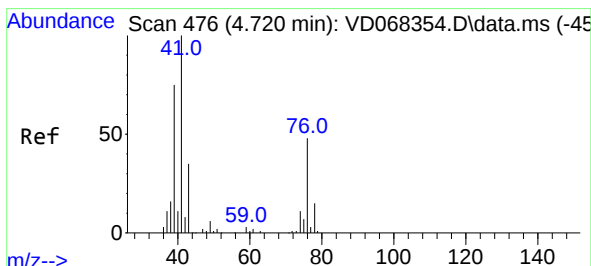
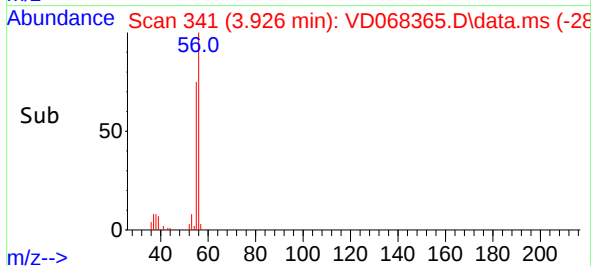
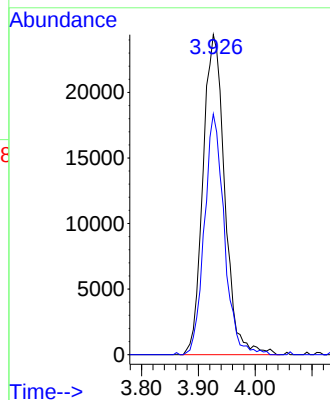
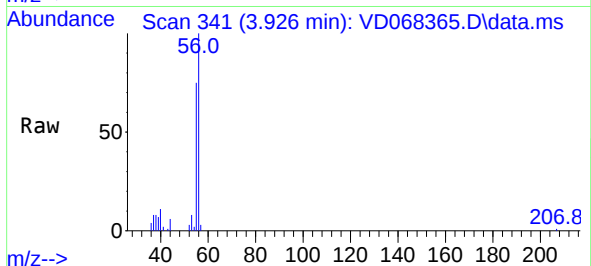
Tgt Ion: 56 Resp: 64925
Ion Ratio Lower Upper
56 100
55 68.6 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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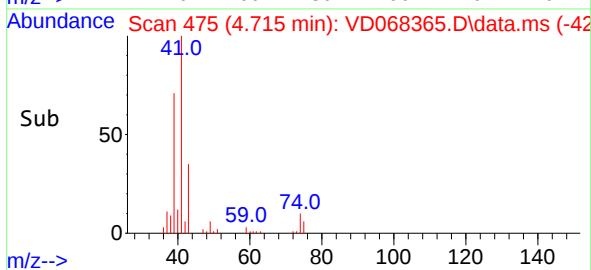
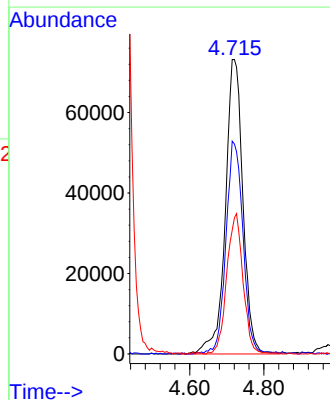
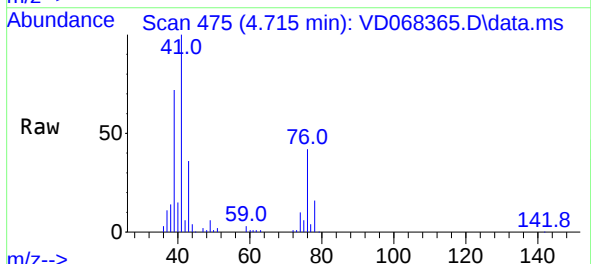
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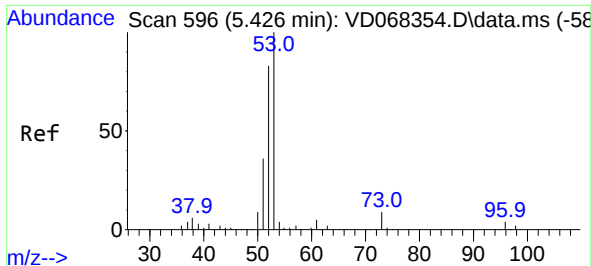
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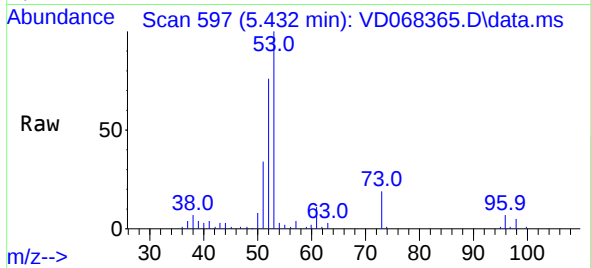
#14
Allyl chloride
Concen: 52.80 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 41 Resp: 240825
Ion Ratio Lower Upper
41 100
39 70.2 56.3 84.5
76 44.0 38.9 58.3

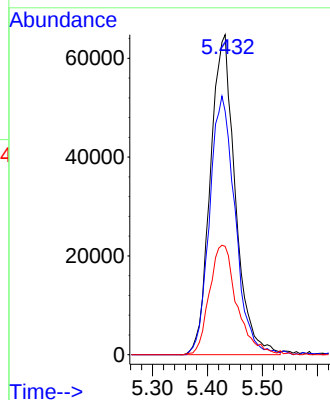
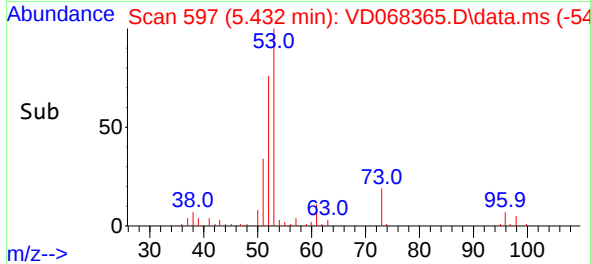




#15
Acrylonitrile
Concen: 271.02 ug/l
RT: 5.432 min Scan# 597
Delta R.T. 0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



Tgt Ion: 53 Resp: 203683
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 37.7 29.0 43.4

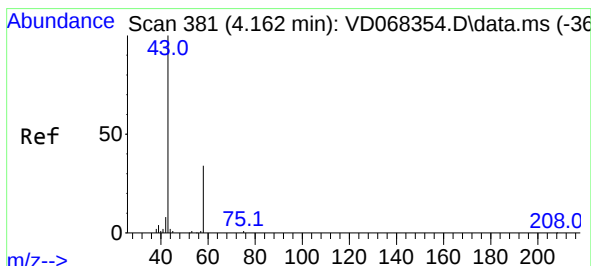


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

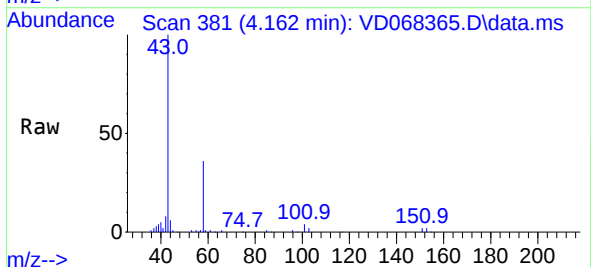
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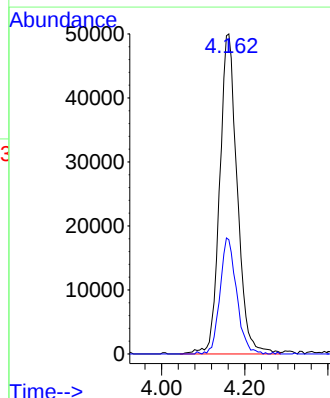
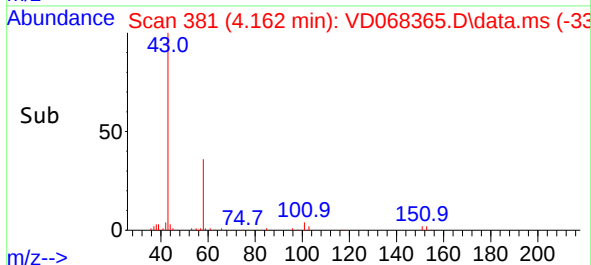
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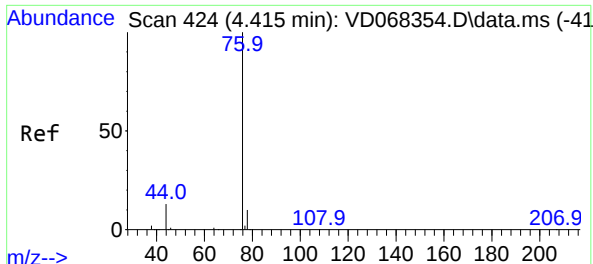


#16
Acetone
Concen: 252.38 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

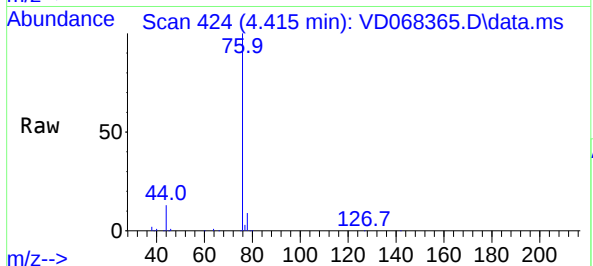


Tgt Ion: 43 Resp: 146818
Ion Ratio Lower Upper
43 100
58 35.7 24.2 36.4

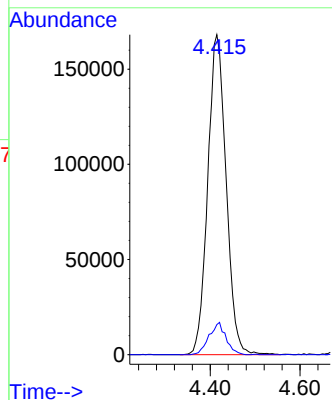




#17
Carbon Disulfide
Concen: 47.02 ug/l
RT: 4.415 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



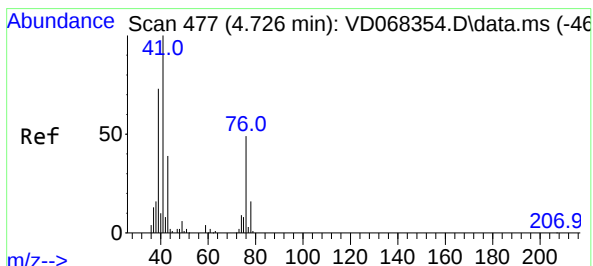
Tgt Ion: 76 Resp: 477683
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



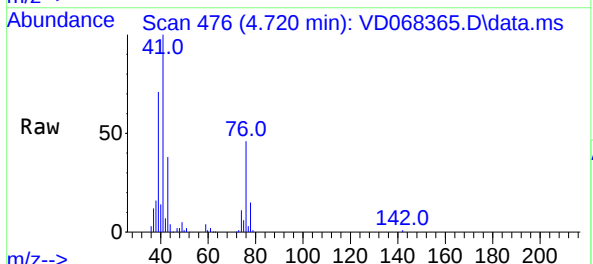
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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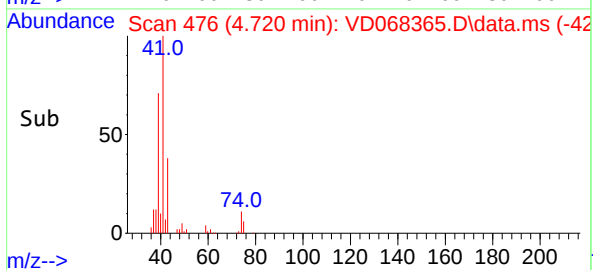
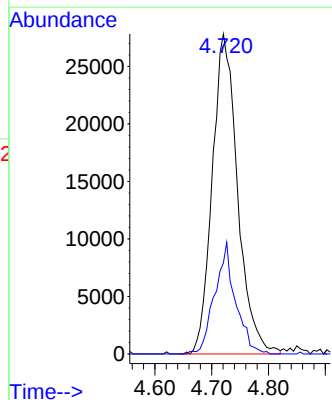
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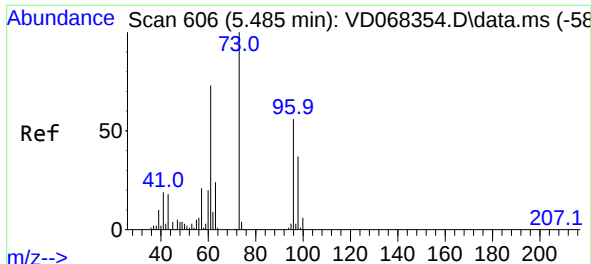


#18
Methyl Acetate
Concen: 54.06 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



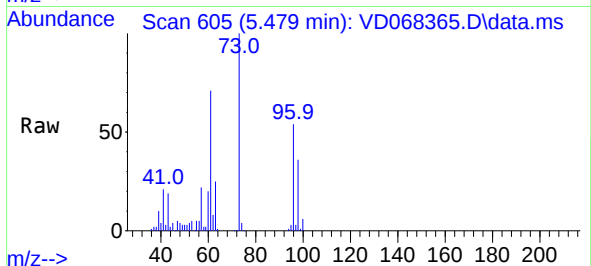
Tgt Ion: 43 Resp: 86307
Ion Ratio Lower Upper
43 100
74 28.5 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 52.56 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

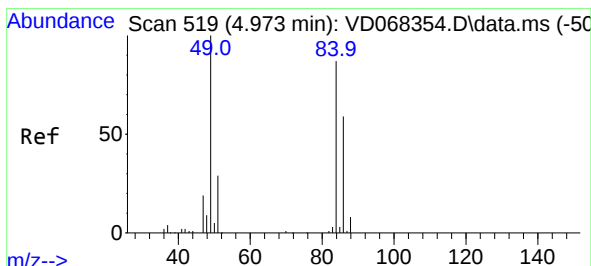
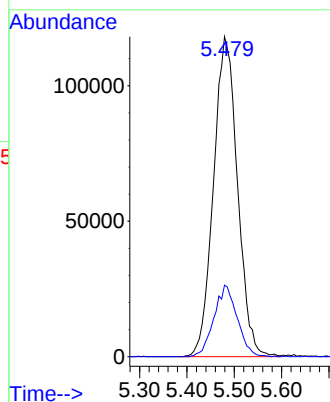
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



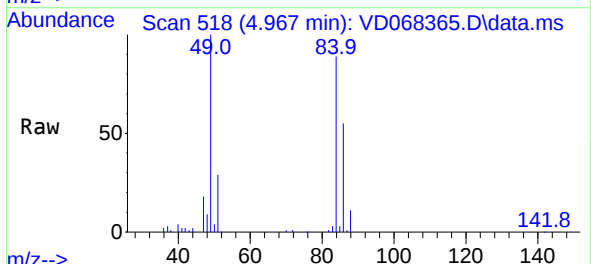
Tgt Ion: 73 Resp: 416046
Ion Ratio Lower Upper
73 100
57 22.4 14.4 21.6#

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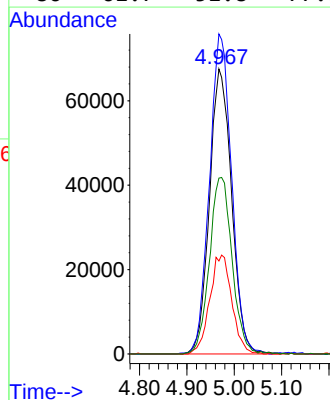
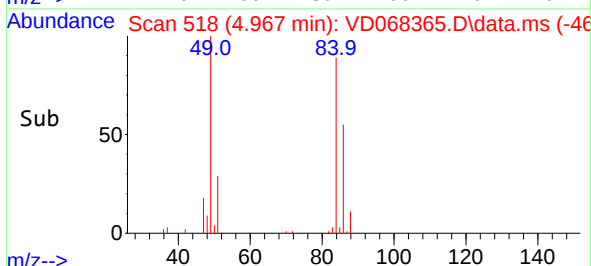
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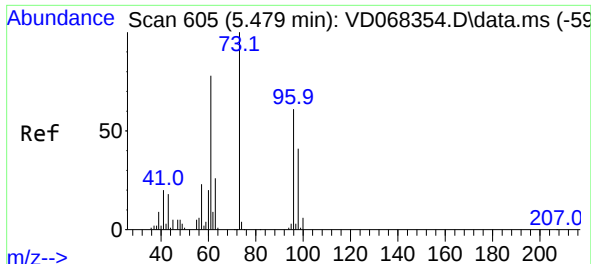


#20
Methylene Chloride
Concen: 54.69 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



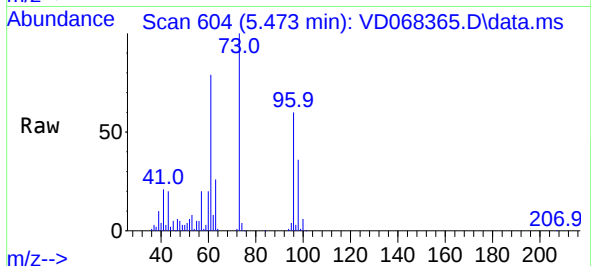
Tgt Ion: 84 Resp: 219955
Ion Ratio Lower Upper
84 100
49 112.0 77.4 116.2
51 32.7 26.1 39.1
86 61.7 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 48.95 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

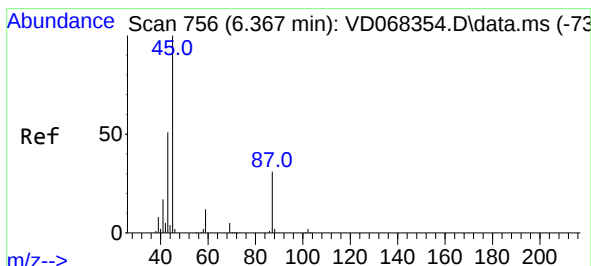
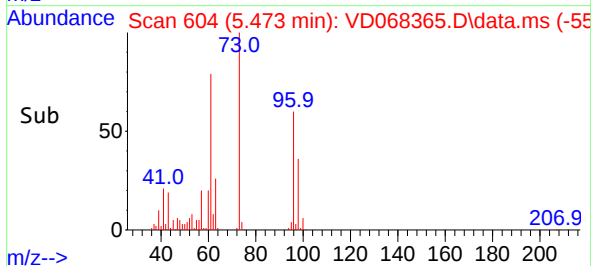
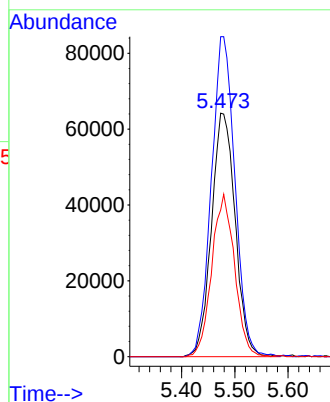


Tgt Ion: 96 Resp: 198746
Ion Ratio Lower Upper
96 100
61 131.4 96.7 145.1
98 60.2 47.6 71.4

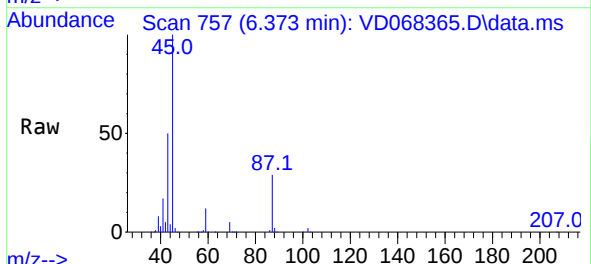
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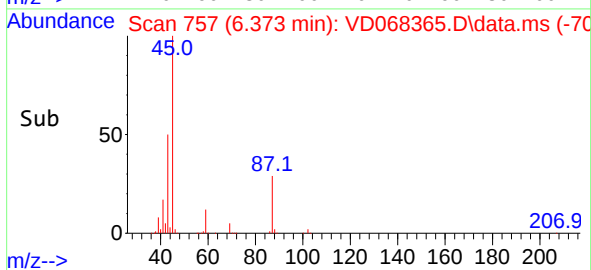
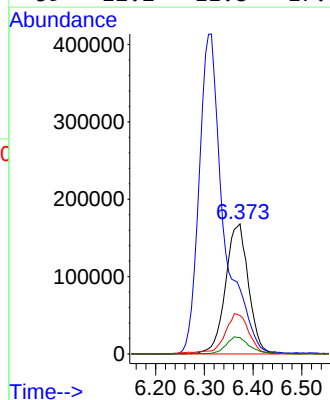
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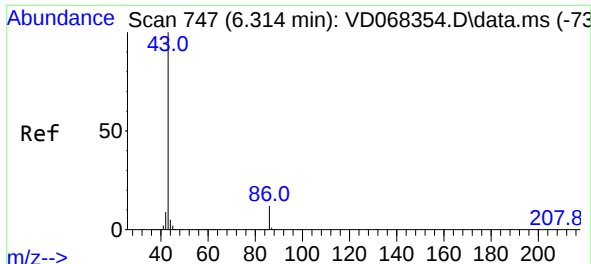


#22
Diisopropyl ether
Concen: 54.51 ug/l
RT: 6.373 min Scan# 757
Delta R.T. 0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



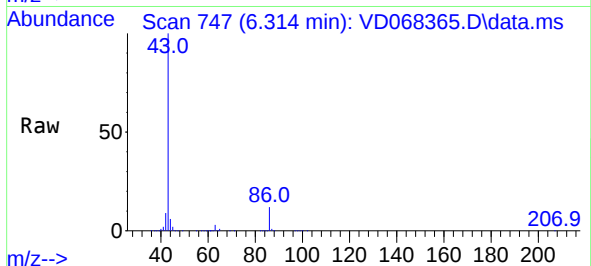
Tgt Ion: 45 Resp: 550164
Ion Ratio Lower Upper
45 100
43 48.9 43.9 65.9
87 29.2 29.9 44.9#
59 12.2 11.8 17.8





#23
 Vinyl Acetate
 Concen: 278.77 ug/l
 RT: 6.314 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VD068365.D
 Acq: 15 Feb 2021 16:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

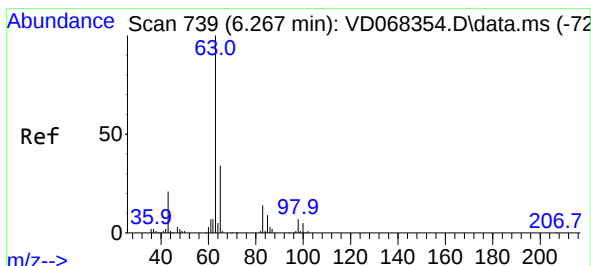
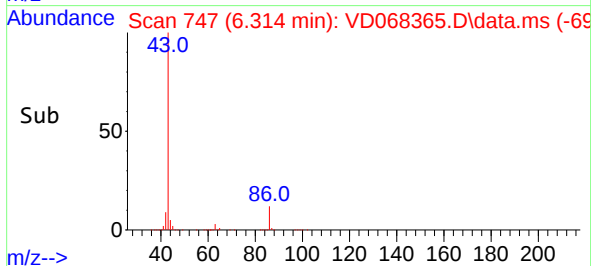
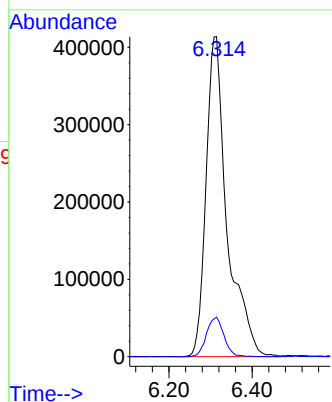


Tgt Ion: 43 Resp: 1452742

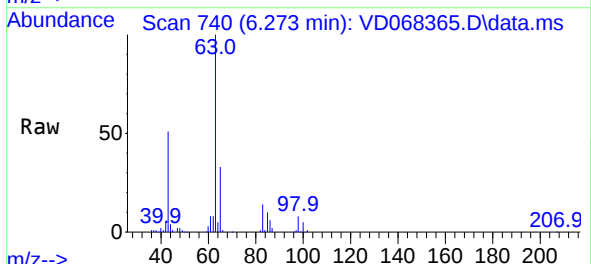
Ion	Ratio	Lower	Upper
43	100		
86	12.4	10.8	16.2

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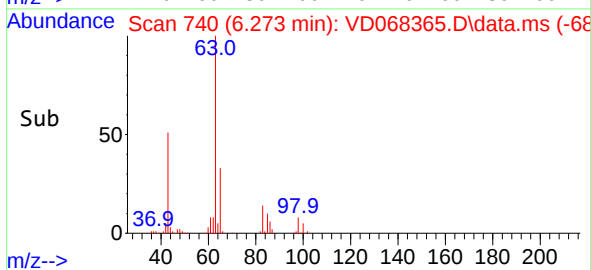
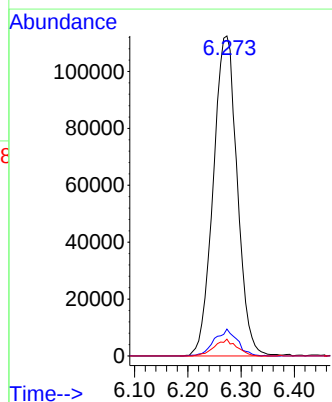


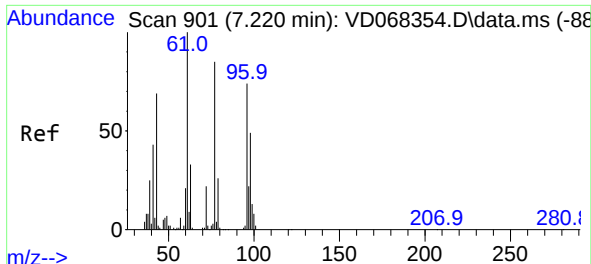
#24
 1,1-Dichloroethane
 Concen: 50.88 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.006 min
 Lab File: VD068365.D
 Acq: 15 Feb 2021 16:05



Tgt Ion: 63 Resp: 351406

Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.8	11.4
100	5.3	2.6	8.0





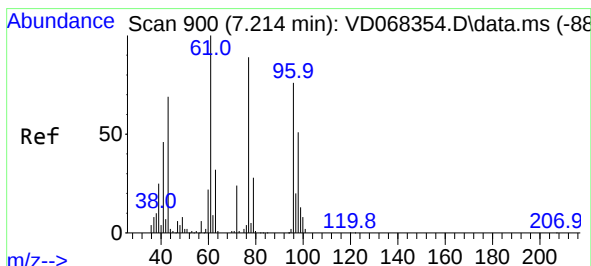
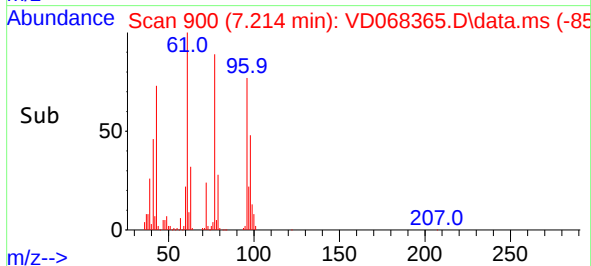
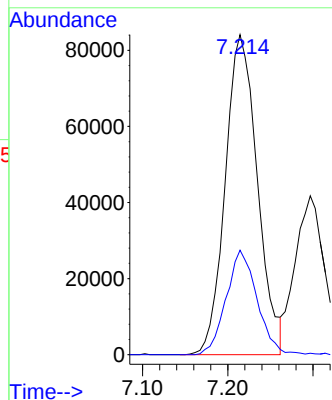
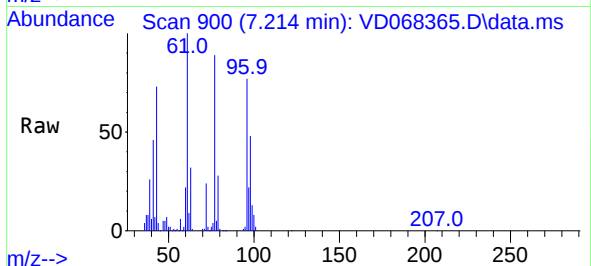
#25
2-Butanone
Concen: 271.48 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 43 Resp: 220815
Ion Ratio Lower Upper
43 100
72 32.6 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

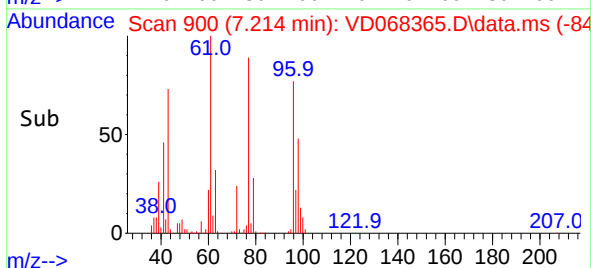
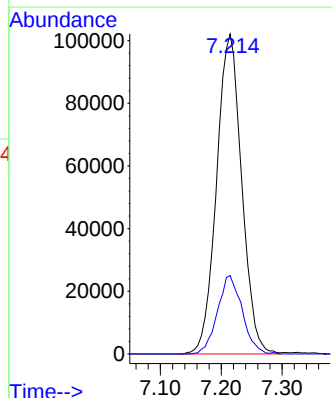
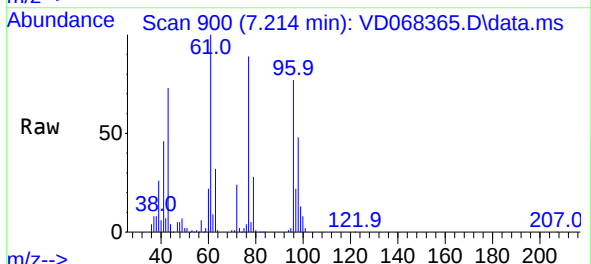
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#26
2,2-Dichloropropane
Concen: 49.54 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

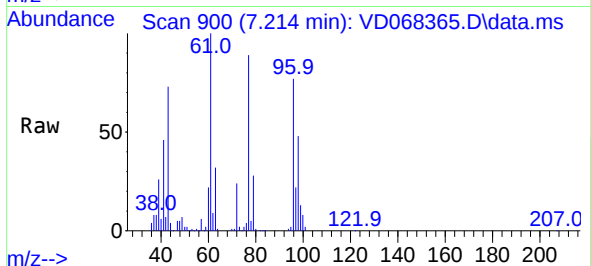
Tgt Ion: 77 Resp: 292636
Ion Ratio Lower Upper
77 100
97 24.1 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 51.12 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

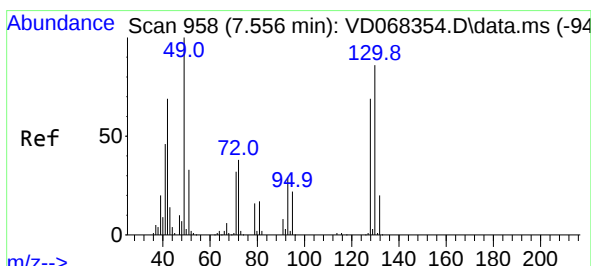
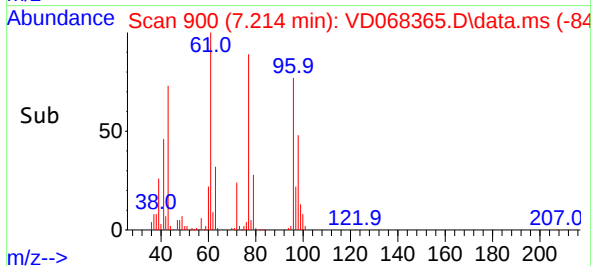
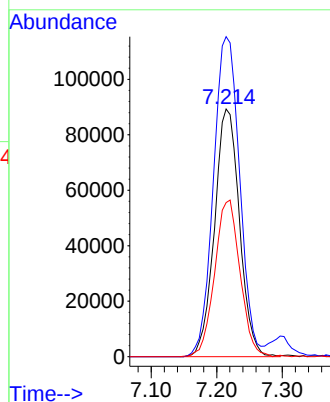
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 235928
Ion Ratio Lower Upper
96 100
61 135.6 0.0 257.4
98 64.2 0.0 126.6

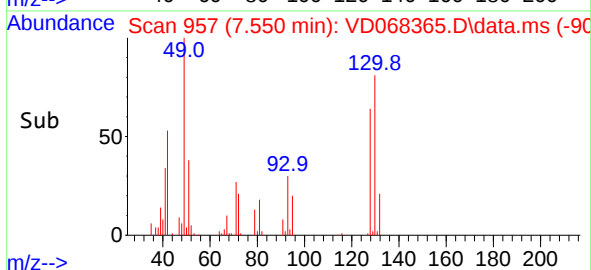
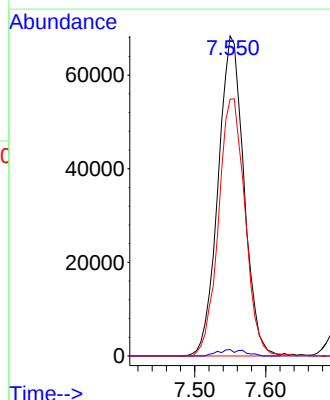
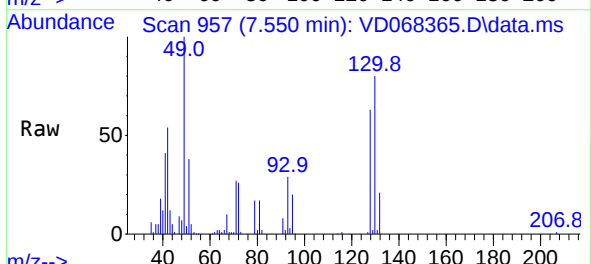
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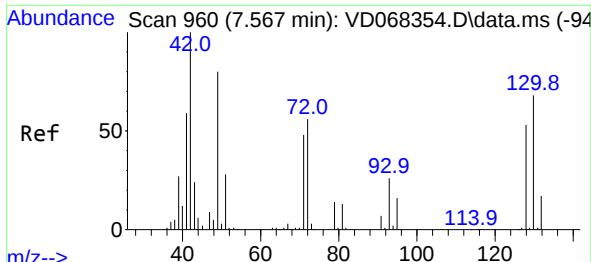
MMDadoda
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#28
Bromochloromethane
Concen: 60.15 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 49 Resp: 172282
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 82.6 85.5 128.3#





#29

Tetrahydrofuran

Concen: 276.43 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

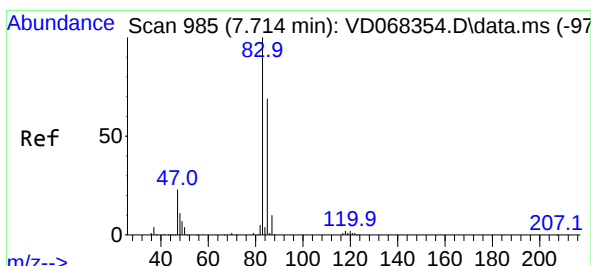
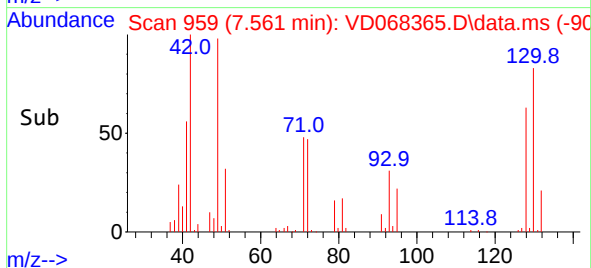
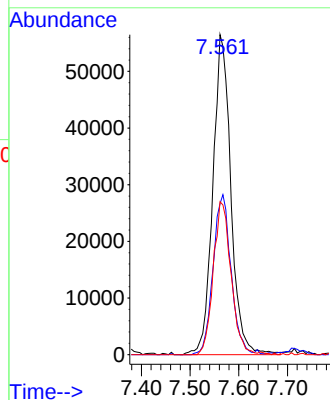
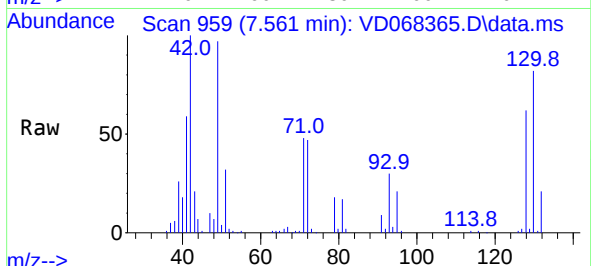
Tgt Ion: 42 Resp: 145439

Ion Ratio Lower Upper

42 100

72 49.7 43.4 65.0

71 46.9 40.8 61.2



#30

Chloroform

Concen: 51.68 ug/l

RT: 7.714 min Scan# 985

Delta R.T. -0.000 min

Lab File: VD068365.D

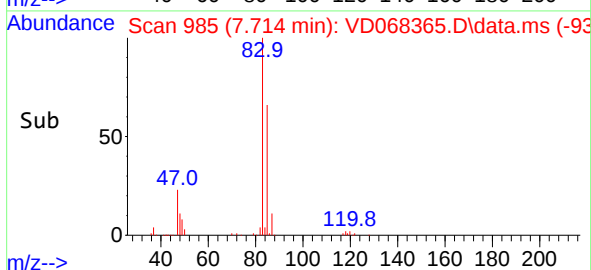
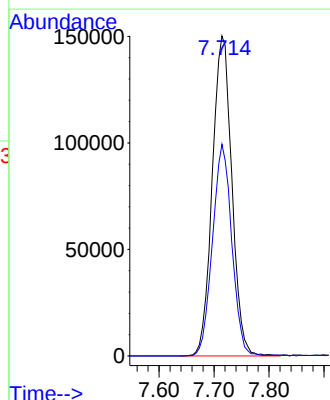
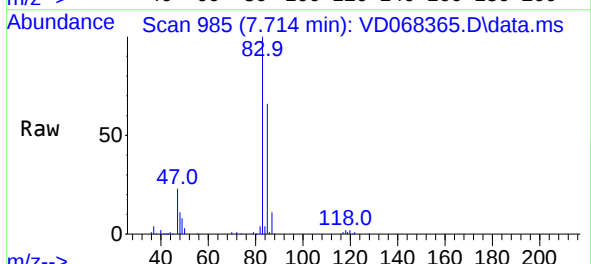
Acq: 15 Feb 2021 16:05

Tgt Ion: 83 Resp: 371195

Ion Ratio Lower Upper

83 100

85 66.1 53.4 80.0



Instrument :

MSVOA_D

ClientSampleId :

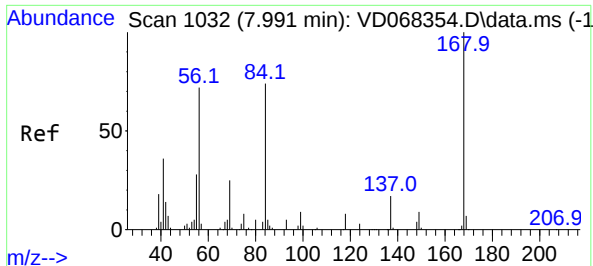
VSTDCCC050EC

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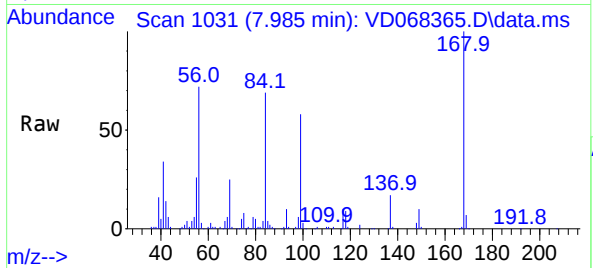
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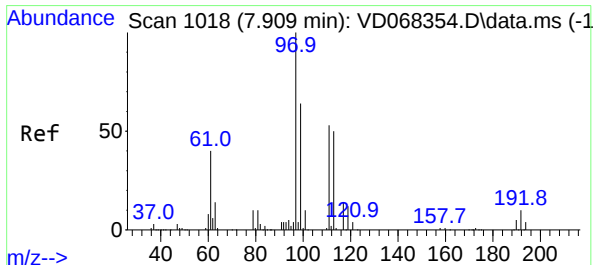
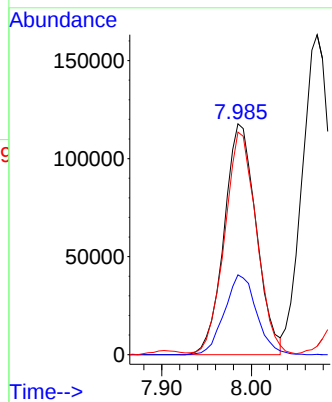
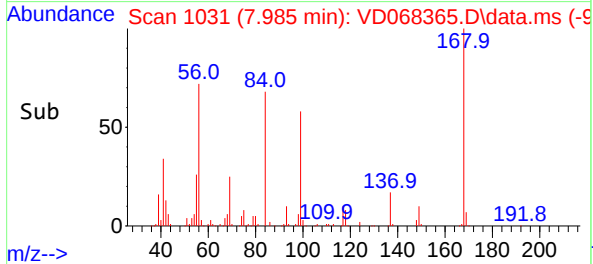
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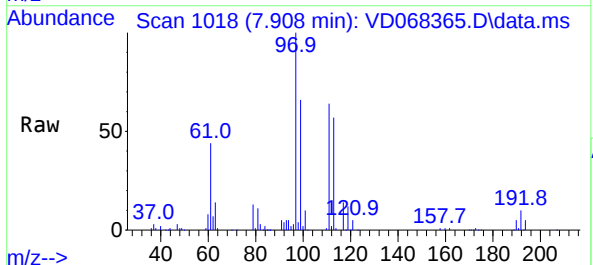
#31
Cyclohexane
Concen: 52.35 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



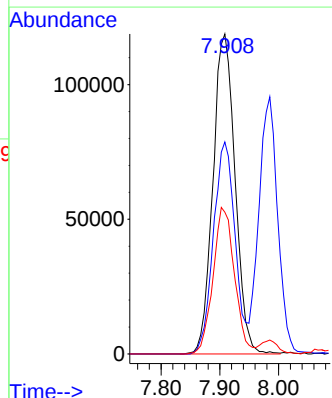
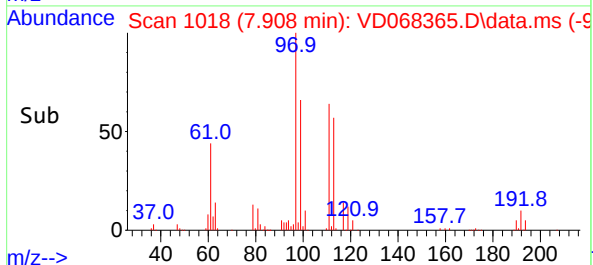
Tgt Ion: 56 Resp: 293220
Ion Ratio Lower Upper
56 100
69 34.6 30.1 45.1
84 95.4 82.1 123.1



#32
1,1,1-Trichloroethane
Concen: 50.08 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



Tgt Ion: 97 Resp: 310846
Ion Ratio Lower Upper
97 100
99 65.6 52.1 78.1
61 44.6 30.1 45.1

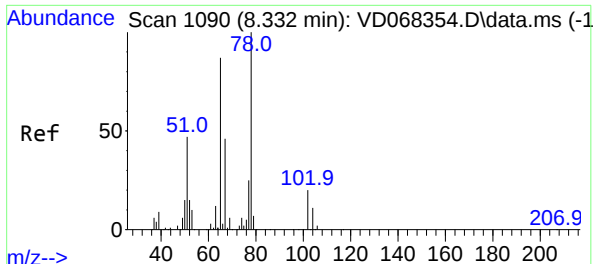


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

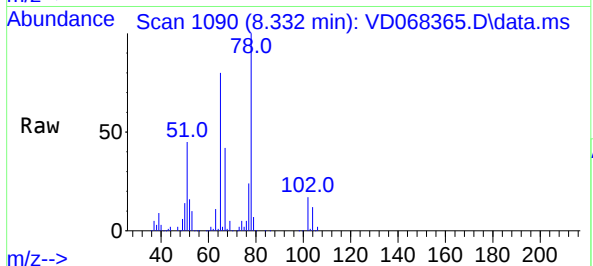
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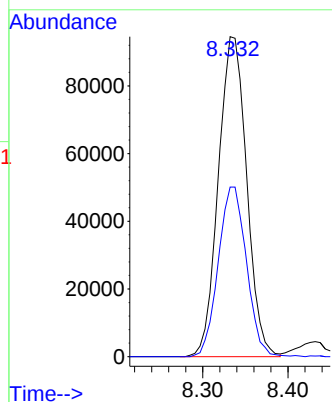
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#33
1,2-Dichloroethane-d4
Concen: 57.98 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



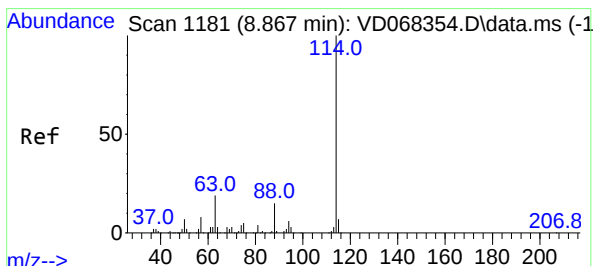
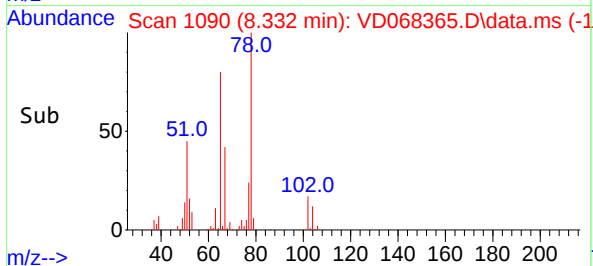
Tgt Ion: 65 Resp: 218625
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0



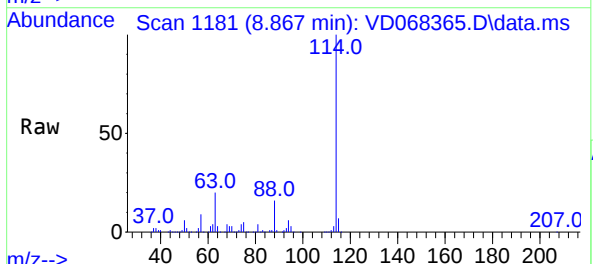
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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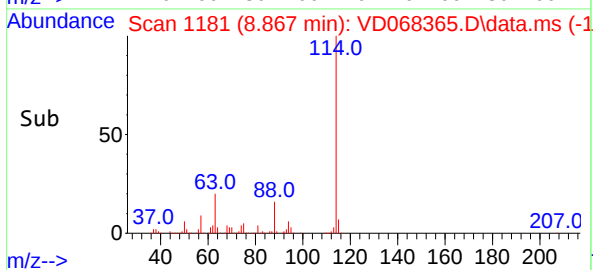
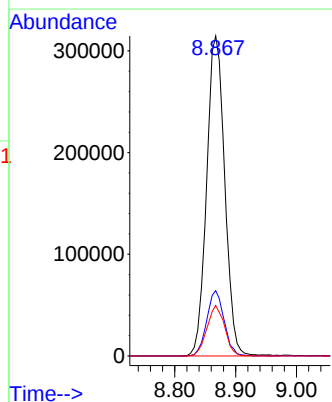
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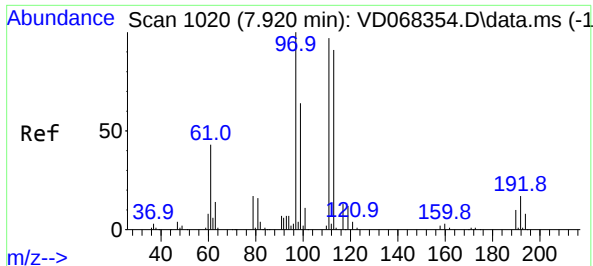


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



Tgt Ion: 114 Resp: 650988
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 15.8 0.0 31.6





#35
Dibromofluoromethane
Concen: 55.42 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

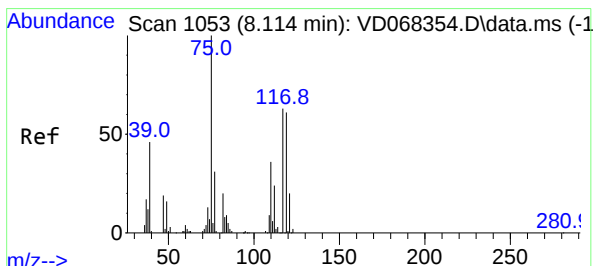
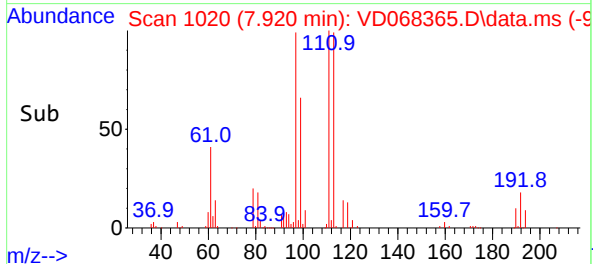
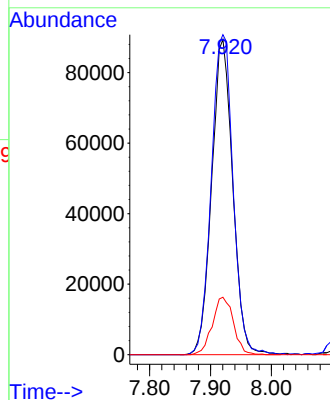
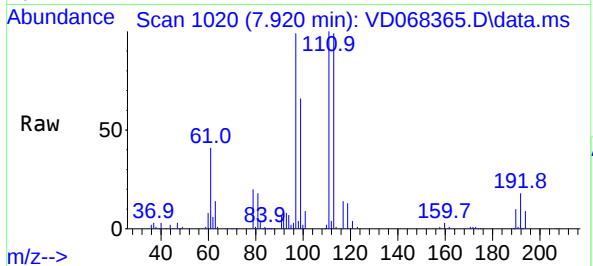
Tgt Ion: 113 Resp: 214148
Ion Ratio Lower Upper
113 100
111 105.0 81.4 122.0
192 18.3 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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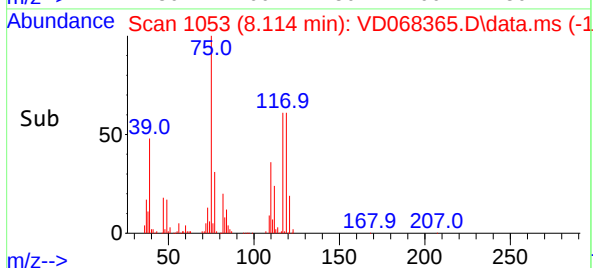
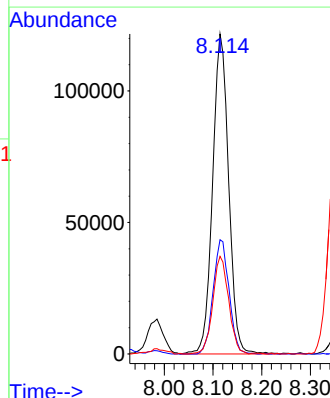
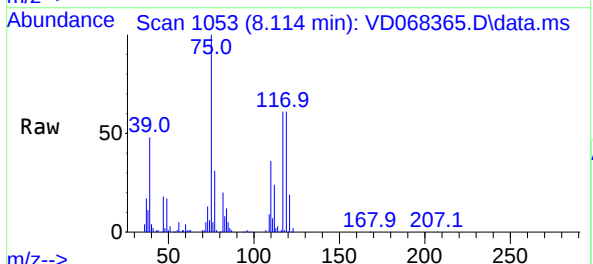
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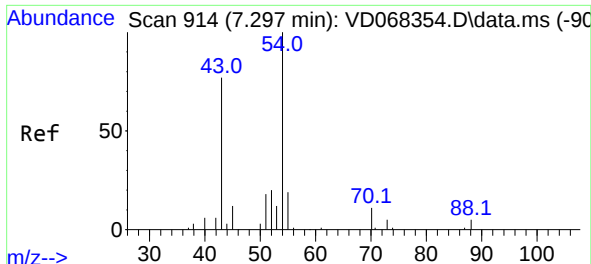
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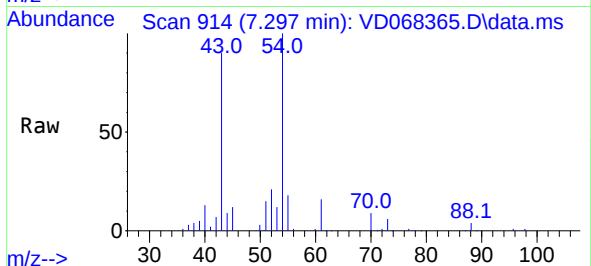
#36
1,1-Dichloropropene
Concen: 48.28 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 75 Resp: 278064
Ion Ratio Lower Upper
75 100
110 35.3 19.4 58.2
77 30.1 25.3 37.9

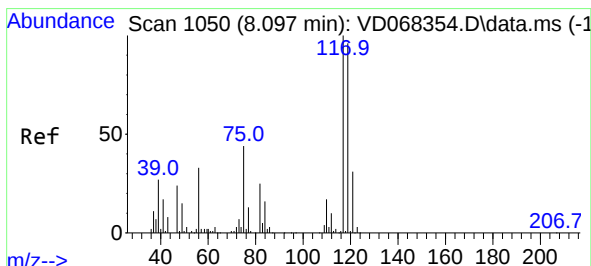
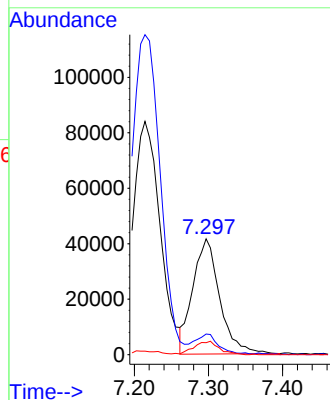
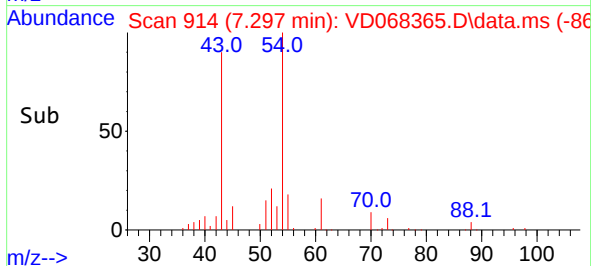




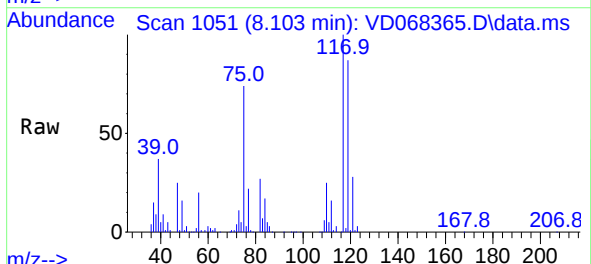
#37
Ethyl Acetate
Concen: 53.75 ug/l
RT: 7.297 min Scan# 914
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



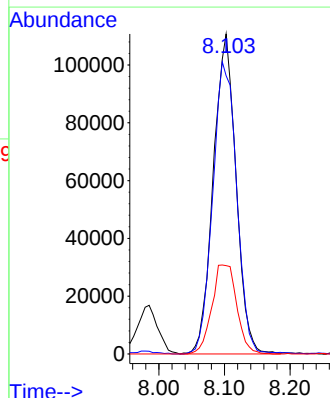
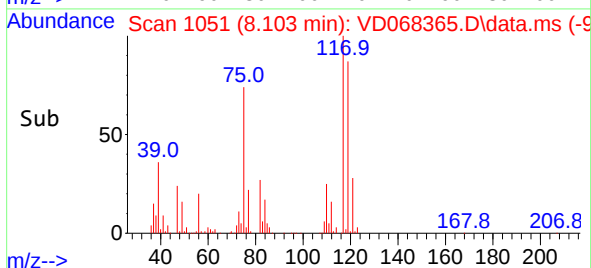
Tgt Ion: 43 Resp: 104611
Ion Ratio Lower Upper
43 100
61 14.6 12.9 19.3
70 11.0 11.0 16.6#



#38
Carbon Tetrachloride
Concen: 48.46 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



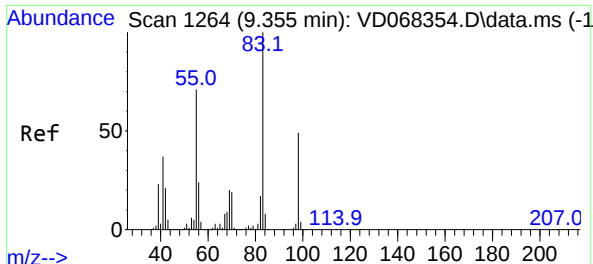
Tgt Ion: 117 Resp: 266225
Ion Ratio Lower Upper
117 100
119 87.0 77.3 115.9
121 27.6 24.7 37.1



Instrument :
MSVOA_D
ClientSampleId :
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Manual Integrations
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#39

Methylcyclohexane

Concen: 46.91 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068365.D

Acq: 15 Feb 2021 16:05

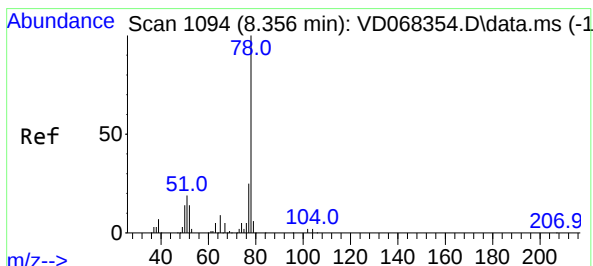
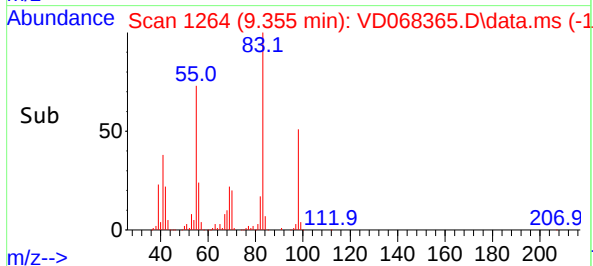
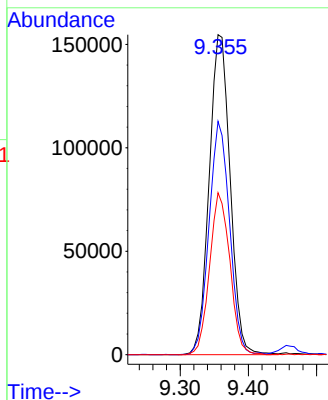
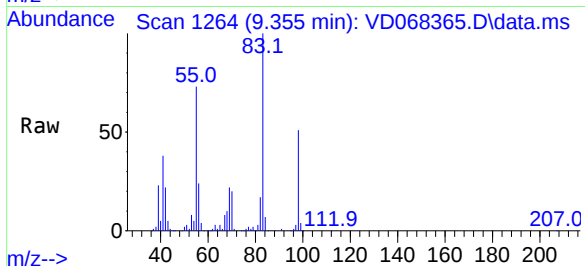
Tgt Ion:	83	Resp:	331394
Ion	Ratio	Lower	Upper
83	100		
55	72.9	55.2	82.8
98	50.6	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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#40

Benzene

Concen: 49.66 ug/l

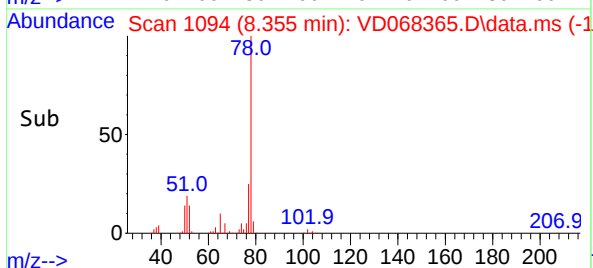
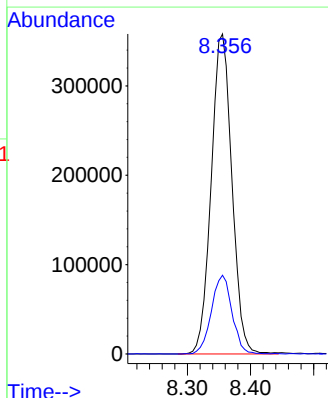
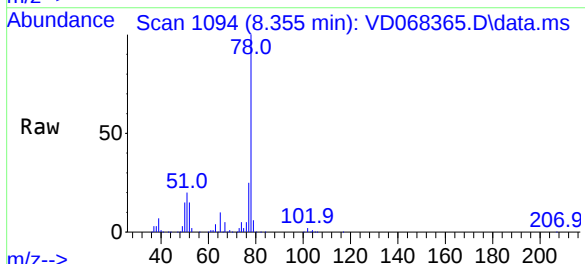
RT: 8.355 min Scan# 1094

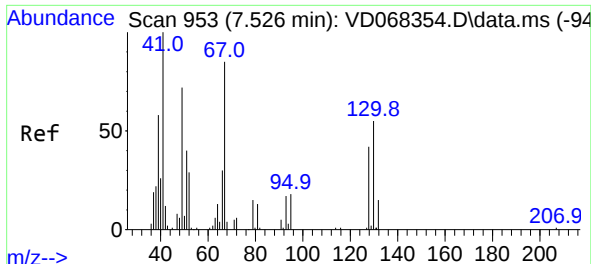
Delta R.T. -0.000 min

Lab File: VD068365.D

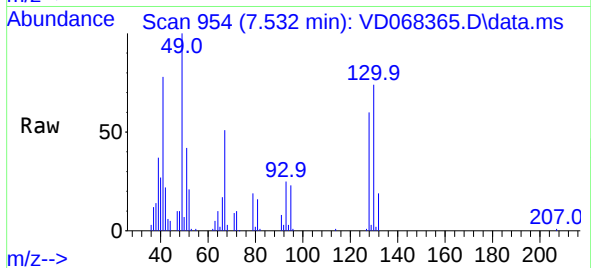
Acq: 15 Feb 2021 16:05

Tgt Ion:	78	Resp:	815819
Ion	Ratio	Lower	Upper
78	100		
77	24.6	17.8	26.6

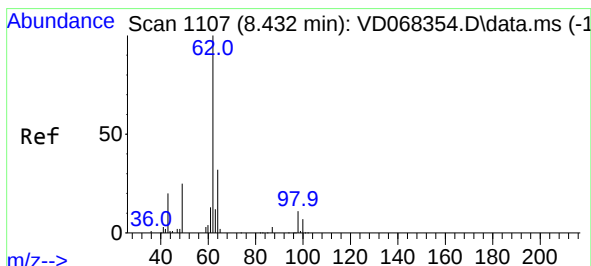
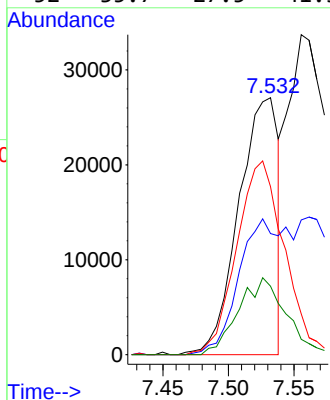
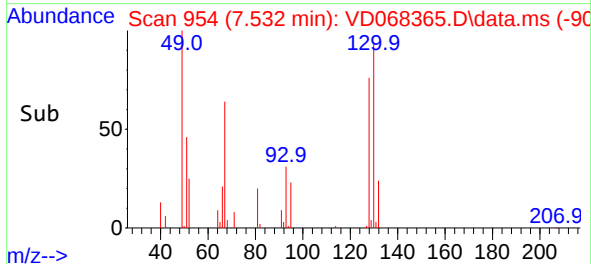




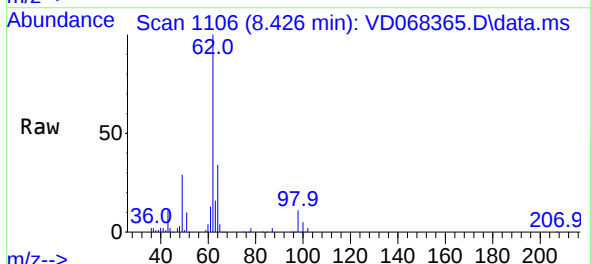
#41
Methacrylonitrile
Concen: 50.84 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



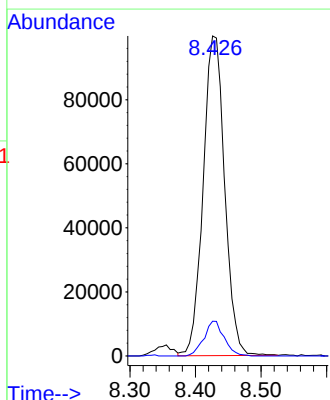
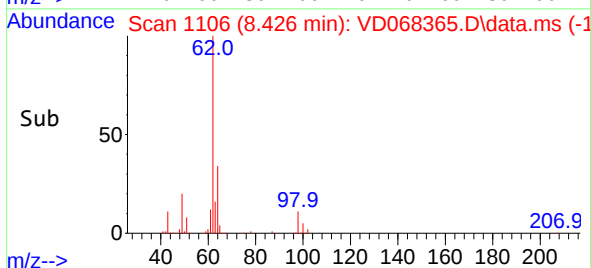
Tgt Ion: 41 Resp: 56951
Ion Ratio Lower Upper
41 100
39 52.2 45.2 67.8
67 91.6 67.4 101.2
52 35.7 27.5 41.3



#42
1,2-Dichloroethane
Concen: 51.99 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



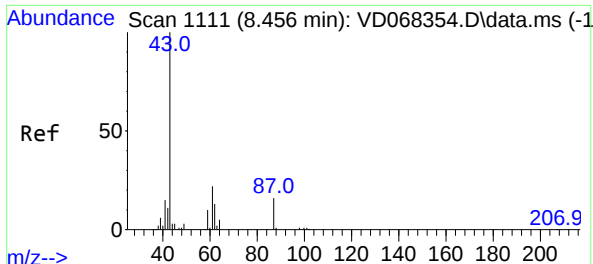
Tgt Ion: 62 Resp: 227813
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.8



Instrument :
MSVOA_D
ClientSampleId :
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#43

Isopropyl Acetate
Concen: 54.10 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

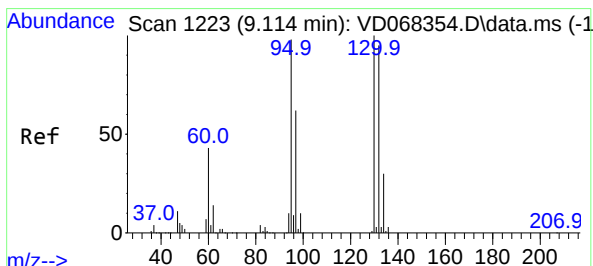
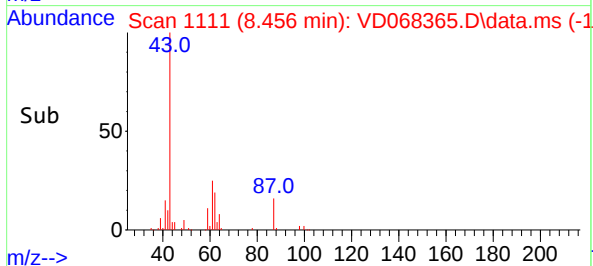
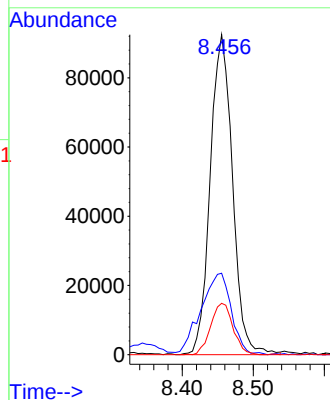
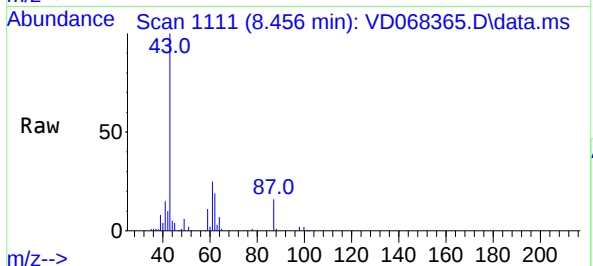
Tgt Ion: 43 Resp: 201606
Ion Ratio Lower Upper
43 100
61 34.7 28.7 43.1
87 16.0 13.9 20.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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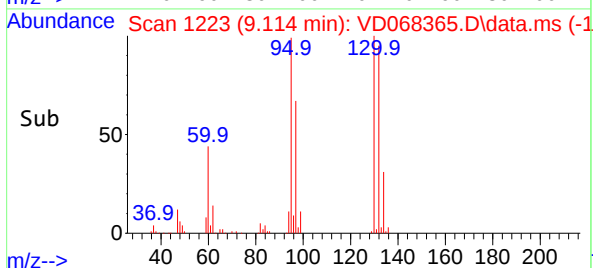
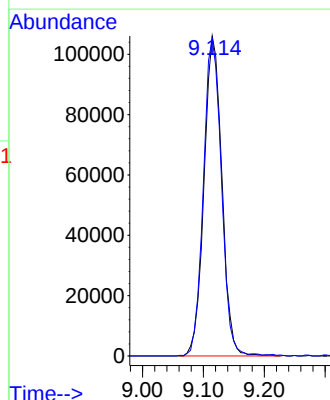
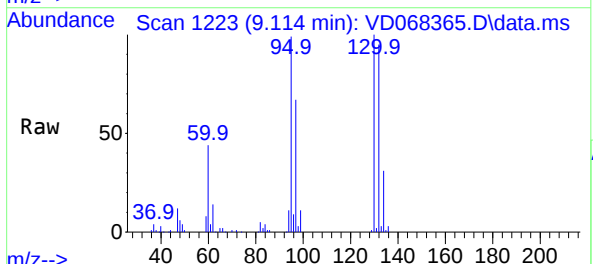
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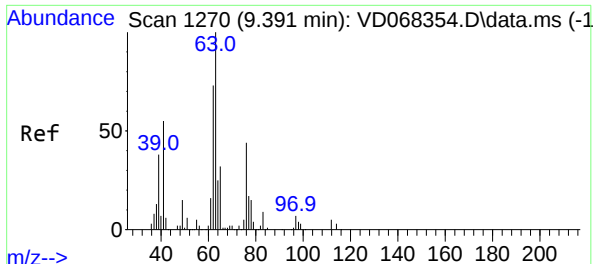


#44

Trichloroethene
Concen: 48.24 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion:130 Resp: 215661
Ion Ratio Lower Upper
130 100
95 99.1 0.0 191.2





#45

1,2-Dichloropropane
Concen: 51.87 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

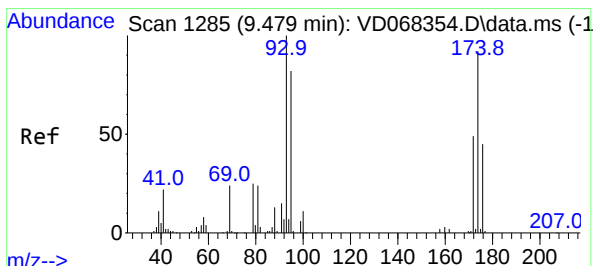
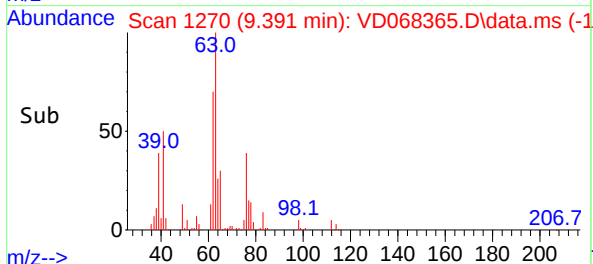
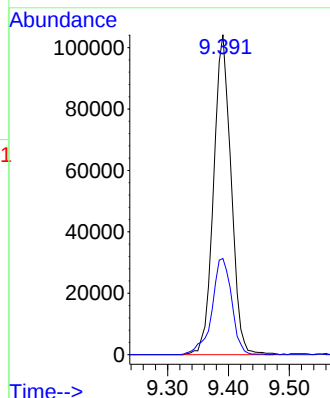
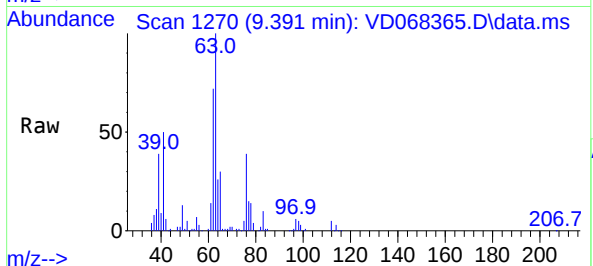
Tgt Ion: 63 Resp: 207929
Ion Ratio Lower Upper
63 100
65 30.0 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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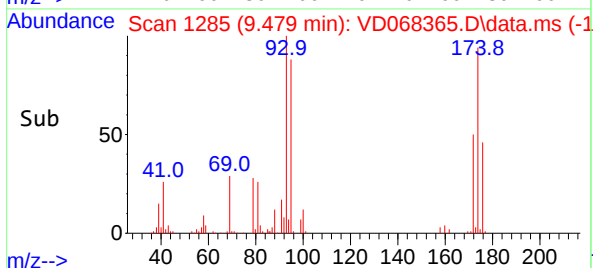
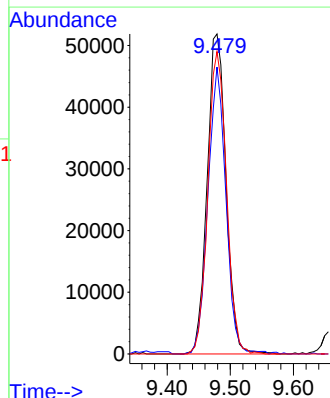
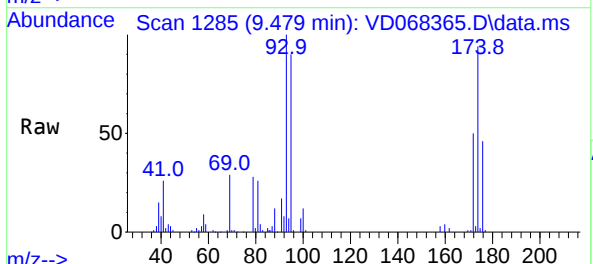
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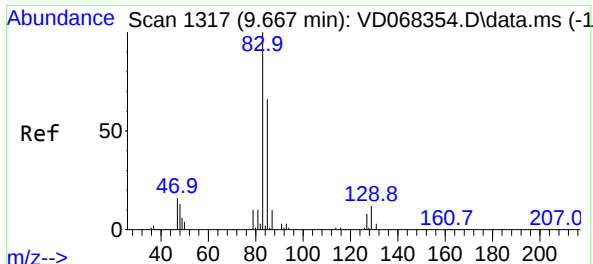


#46

Dibromomethane
Concen: 49.46 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

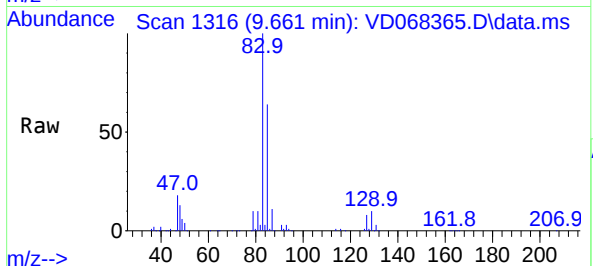
Tgt Ion: 93 Resp: 107539
Ion Ratio Lower Upper
93 100
95 85.4 67.3 100.9
174 93.3 84.6 127.0





#47
Bromodichloromethane
Concen: 51.50 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

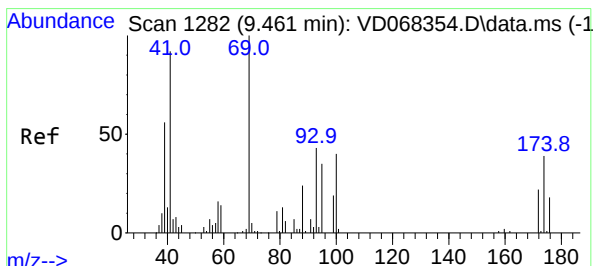
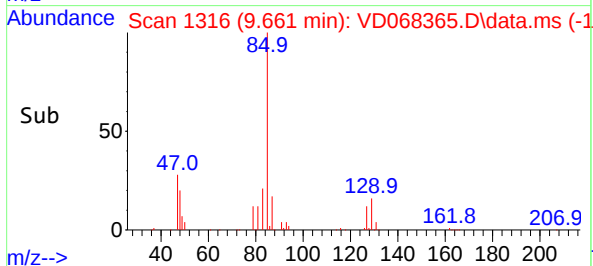
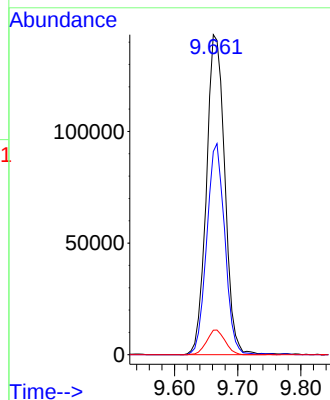
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 290375
Ion Ratio Lower Upper
83 100
85 63.5 51.6 77.4
127 7.7 7.4 11.0

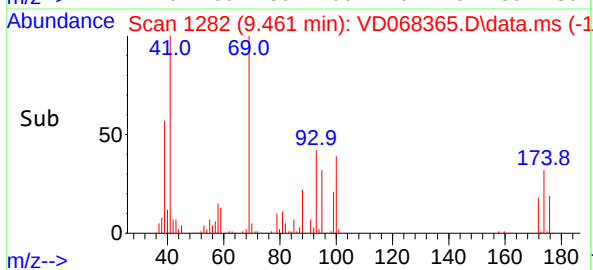
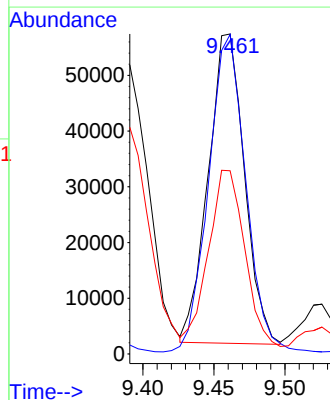
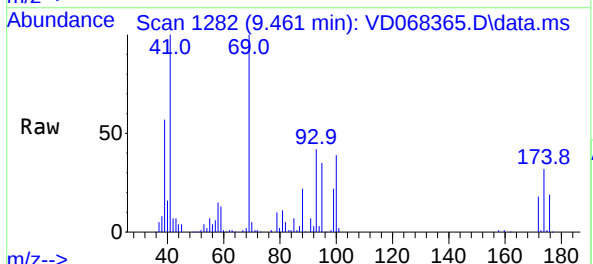
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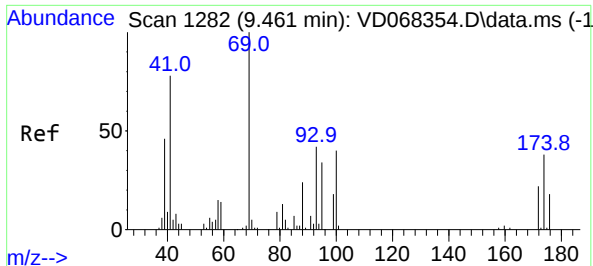
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#48
Methyl methacrylate
Concen: 52.90 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 41 Resp: 98380
Ion Ratio Lower Upper
41 100
69 105.7 77.1 115.7
39 56.9 41.5 62.3





#49
1,4-Dioxane
Concen: 1001.15 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

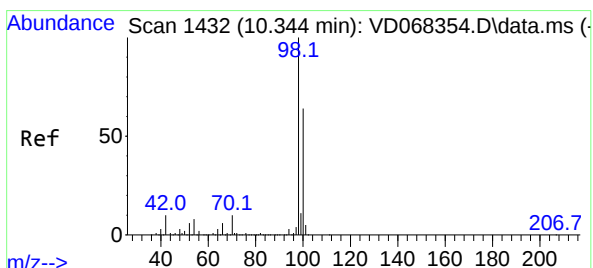
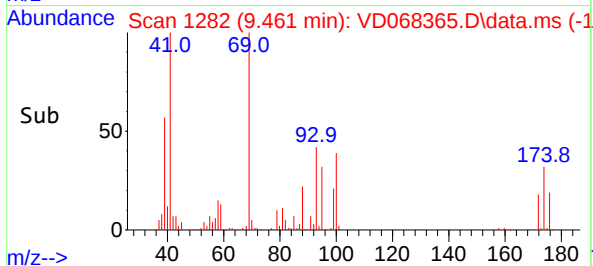
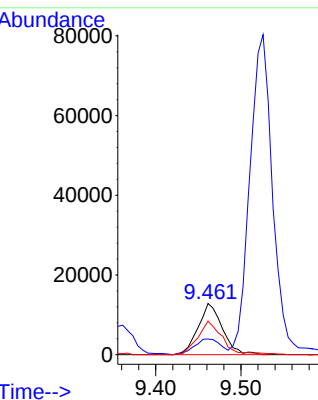
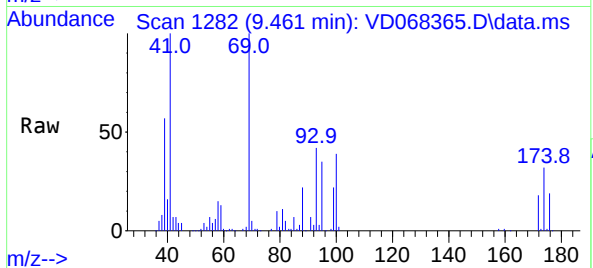
Tgt Ion: 88 Resp: 25434
Ion Ratio Lower Upper
88 100
43 33.5 22.1 33.1#
58 66.9 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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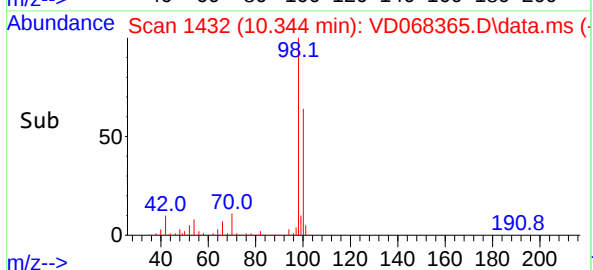
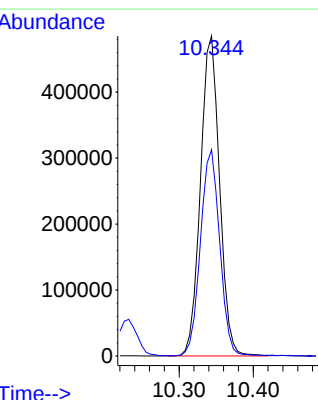
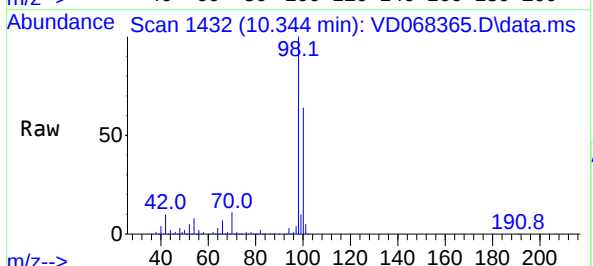
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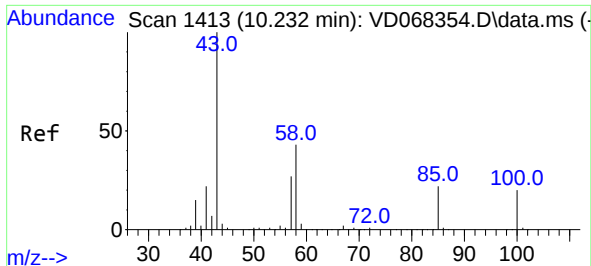
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#50
Toluene-d8
Concen: 54.15 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 98 Resp: 867279
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 271.99 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

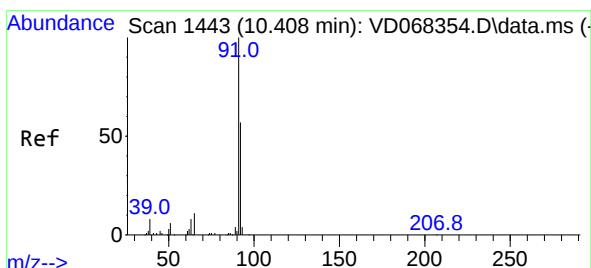
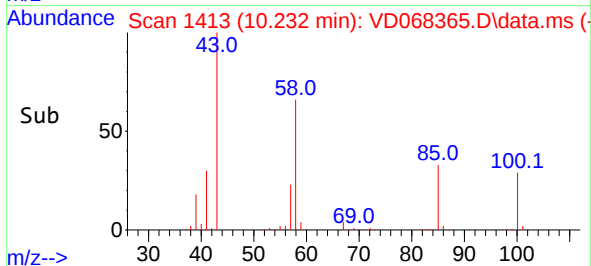
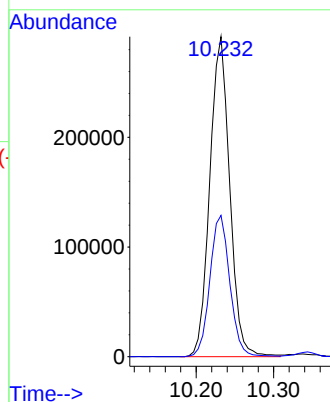
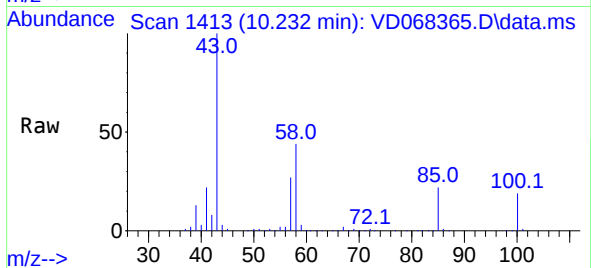
Tgt Ion: 43 Resp: 520575
Ion Ratio Lower Upper
43 100
58 44.3 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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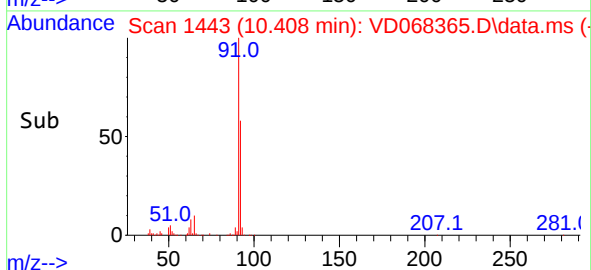
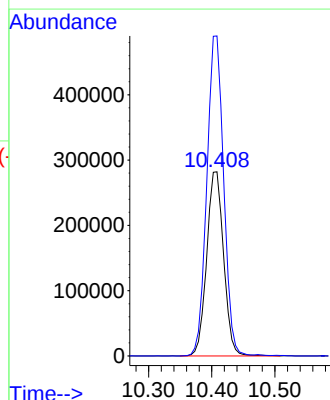
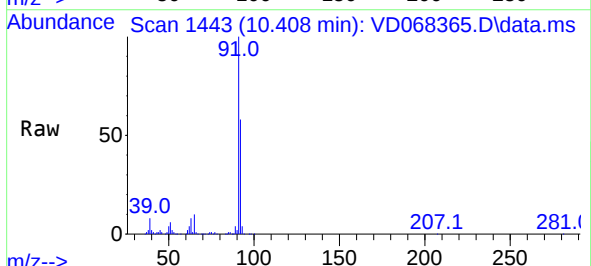
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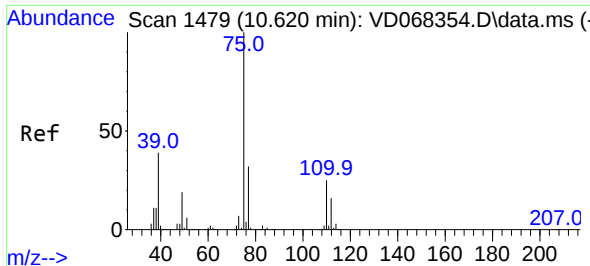
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#52
Toluene
Concen: 49.62 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 92 Resp: 524104
Ion Ratio Lower Upper
92 100
91 173.2 134.1 201.1





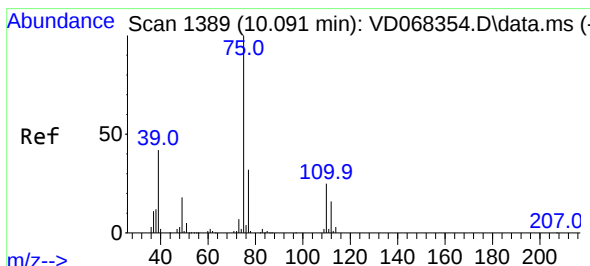
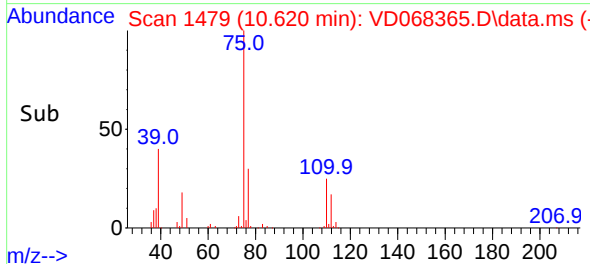
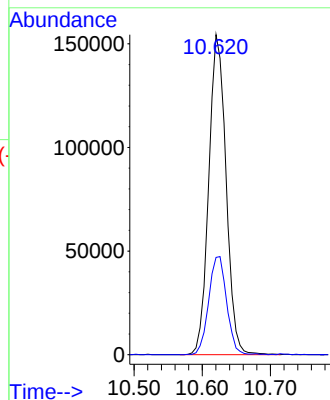
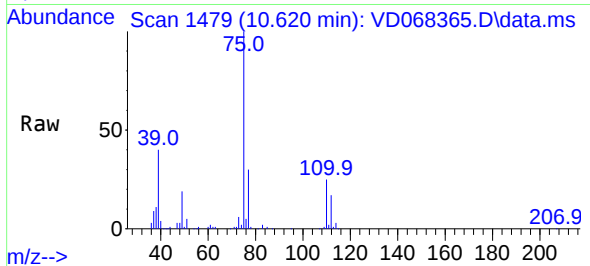
#53
t-1,3-Dichloropropene
Concen: 52.29 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 75 Resp: 272833
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

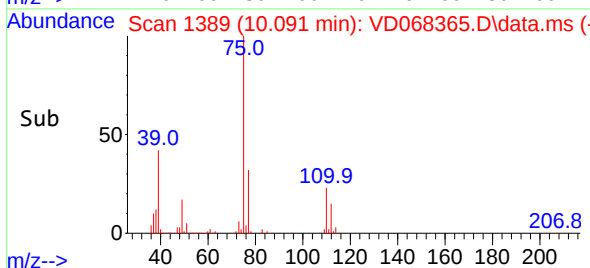
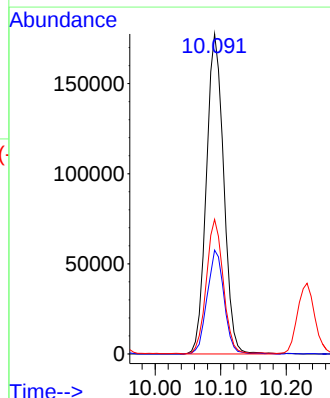
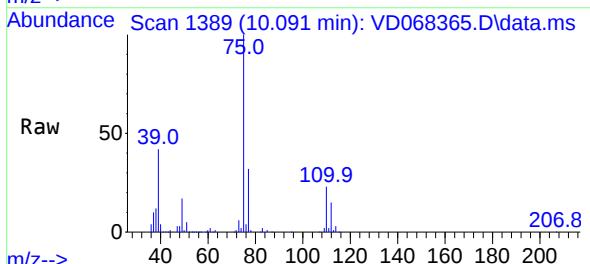
Manual Integrations
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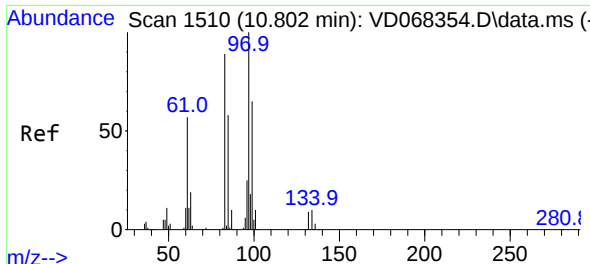
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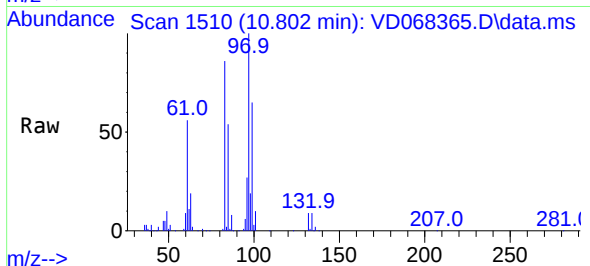
#54
cis-1,3-Dichloropropene
Concen: 51.16 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 75 Resp: 326125
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0
39 41.9 31.4 47.0



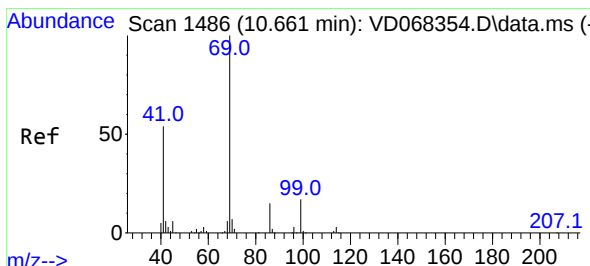
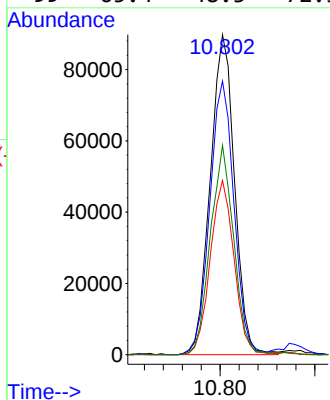
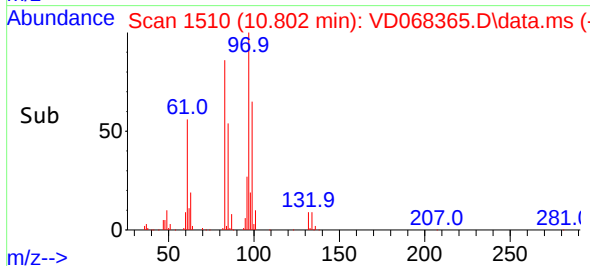


#55
1,1,2-Trichloroethane
Concen: 53.19 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

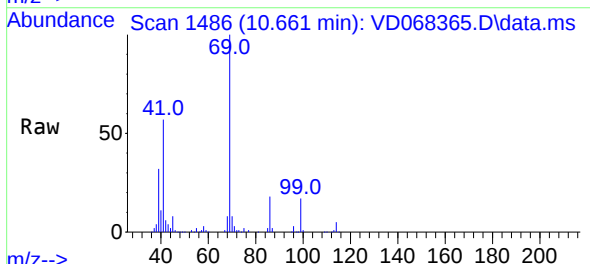


Tgt Ion: 97 Resp: 159781

Ion	Ratio	Lower	Upper
97	100		
83	85.5	61.8	92.6
85	54.5	42.2	63.2
99	65.4	48.3	72.5

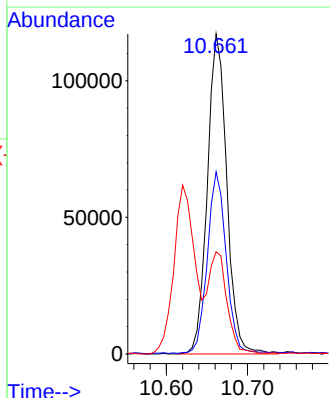
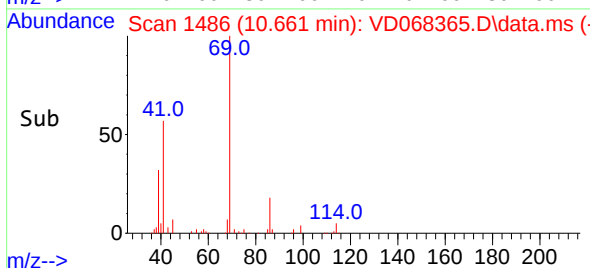


#56
Ethyl methacrylate
Concen: 54.65 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



Tgt Ion: 69 Resp: 194771

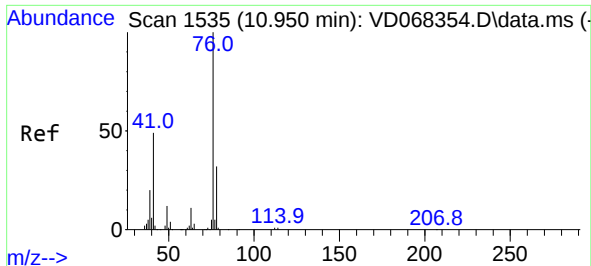
Ion	Ratio	Lower	Upper
69	100		
41	55.3	44.9	67.3
39	30.8	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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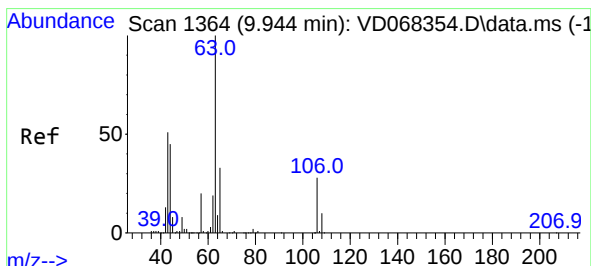
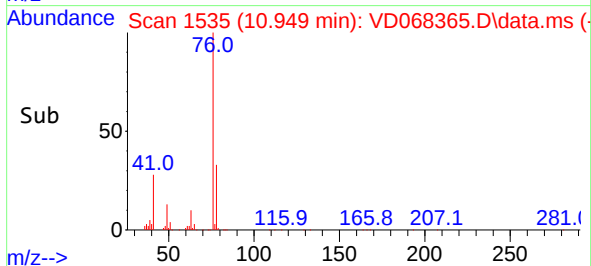
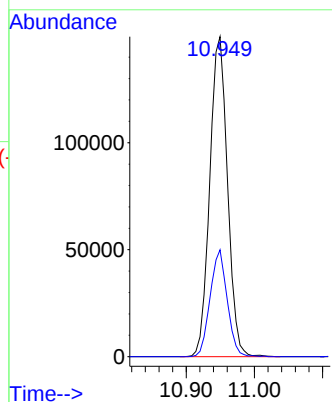
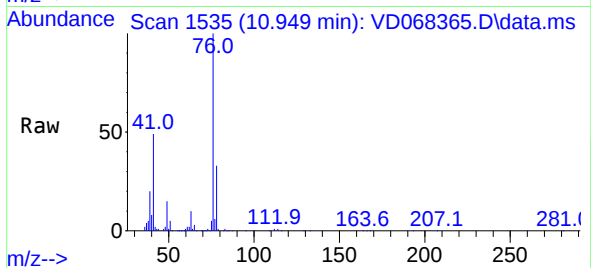
#57
1,3-Dichloropropane
Concen: 51.36 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 76 Resp: 270743
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

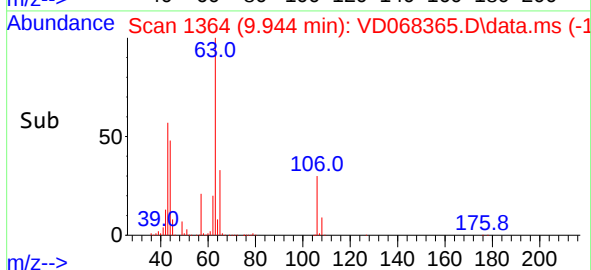
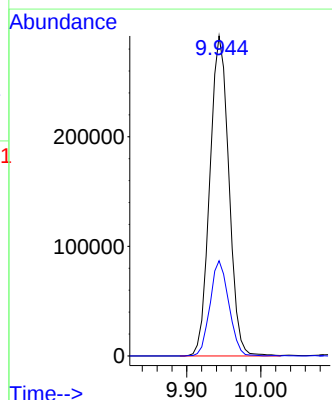
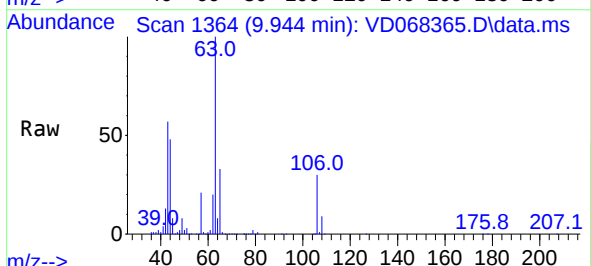
Manual Integrations
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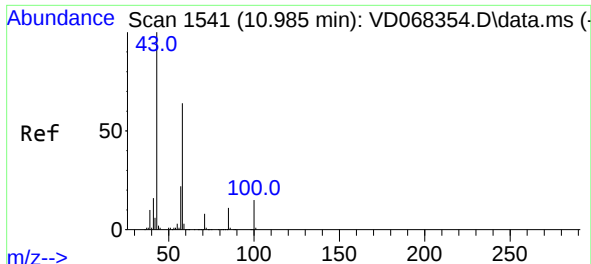
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#58
2-Chloroethyl Vinyl ether
Concen: 273.30 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 63 Resp: 521601
Ion Ratio Lower Upper
63 100
106 29.3 27.0 40.4





#59
2-Hexanone
Concen: 269.98 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

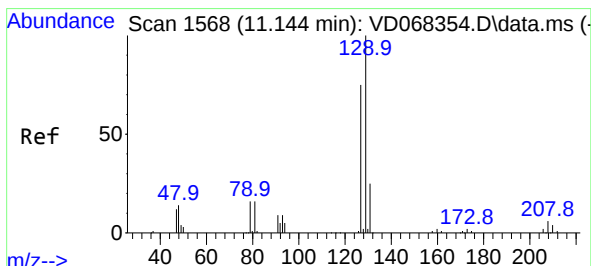
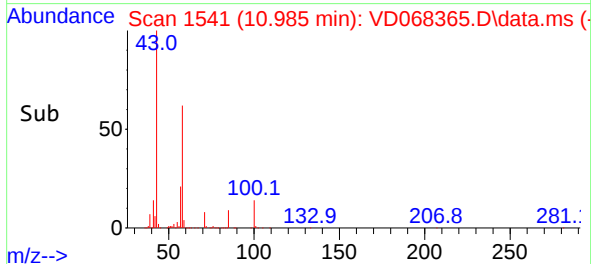
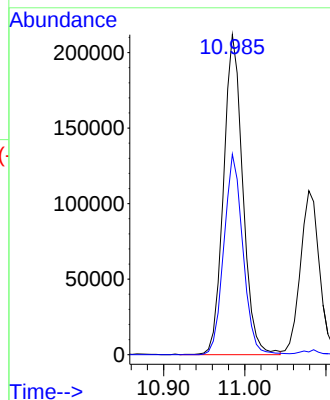
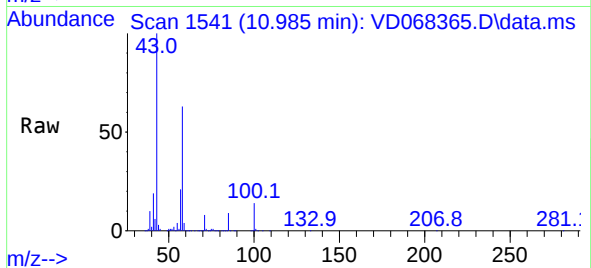
Tgt Ion: 43 Resp: 349295
Ion Ratio Lower Upper
43 100
58 61.9 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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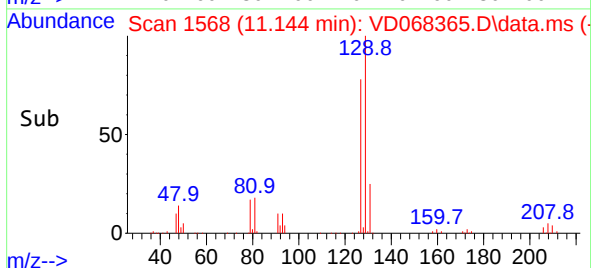
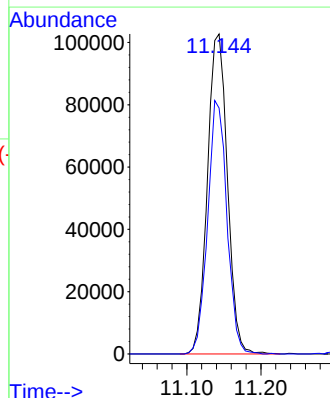
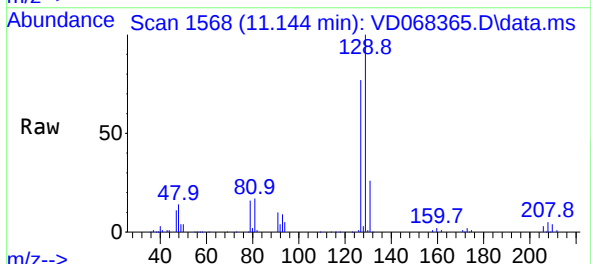
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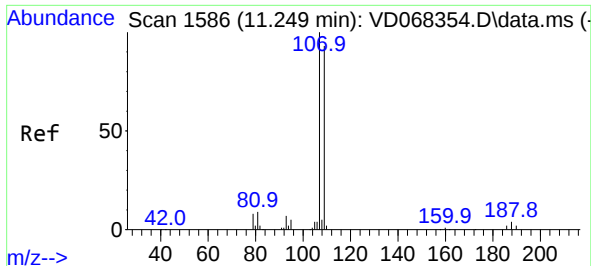
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#60
Dibromochloromethane
Concen: 51.56 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

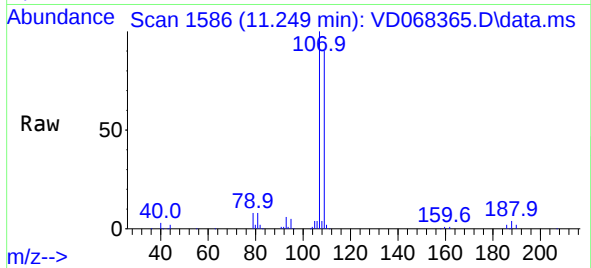
Tgt Ion: 129 Resp: 192203
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.29 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

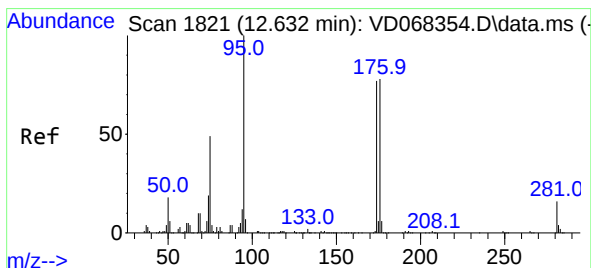
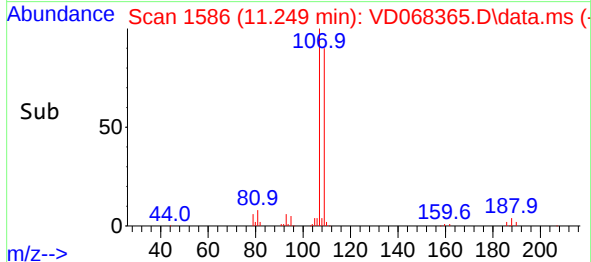
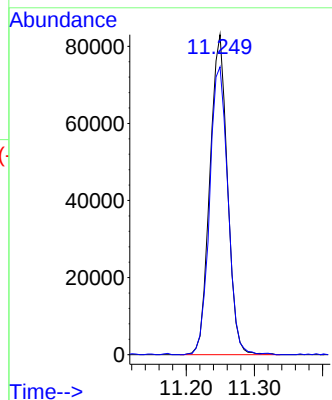
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



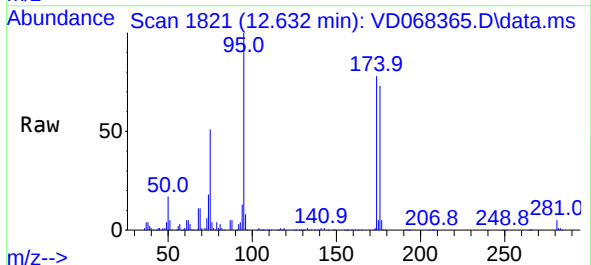
Tgt Ion:107 Resp: 148892
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2

Manual Integrations
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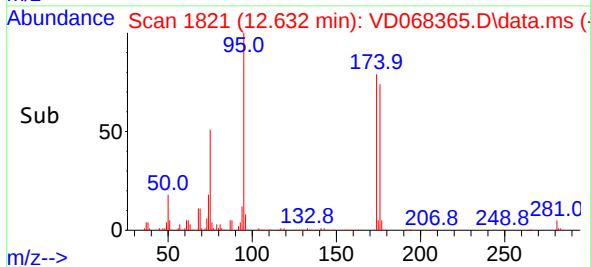
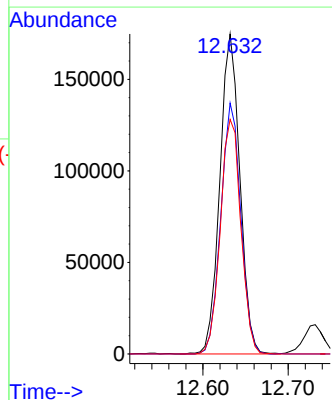
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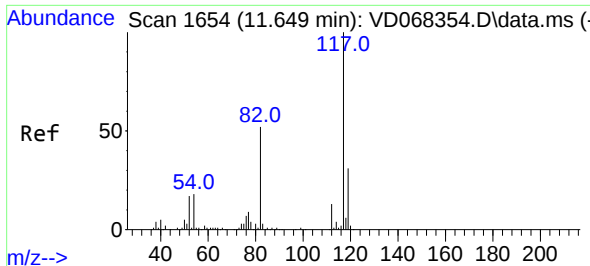


#62
4-Bromofluorobenzene
Concen: 54.68 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

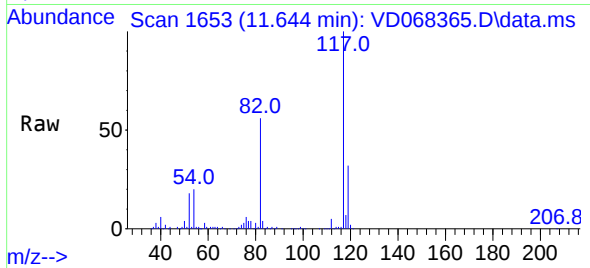


Tgt Ion: 95 Resp: 285253
Ion Ratio Lower Upper
95 100
174 78.3 0.0 172.4
176 75.1 0.0 168.4

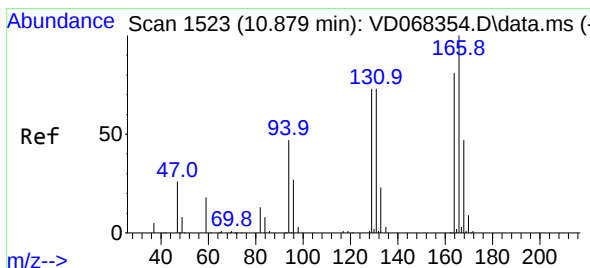
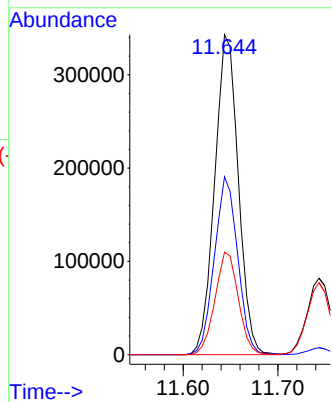
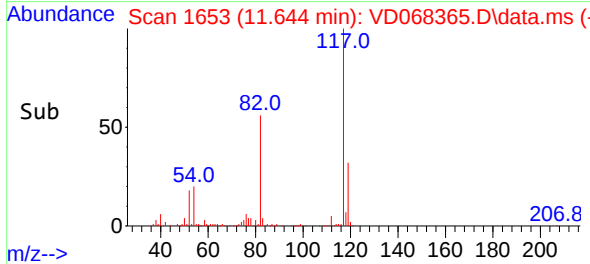




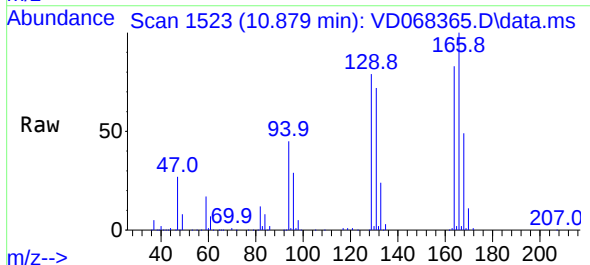
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



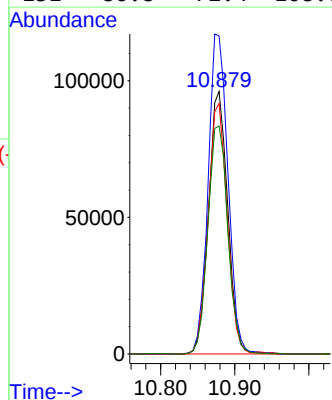
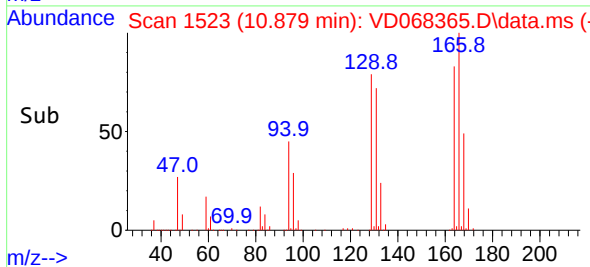
Tgt Ion:117 Resp: 596154
Ion Ratio Lower Upper
117 100
82 55.6 41.4 62.0
119 32.0 26.1 39.1



#64
Tetrachloroethene
Concen: 47.40 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



Tgt Ion:164 Resp: 173885
Ion Ratio Lower Upper
164 100
166 121.1 105.5 158.3
129 95.4 75.6 113.4
131 86.8 72.4 108.6

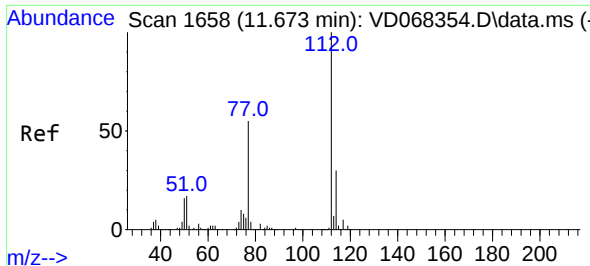


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

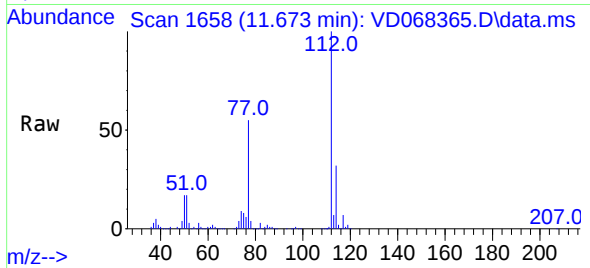
Manual Integrations
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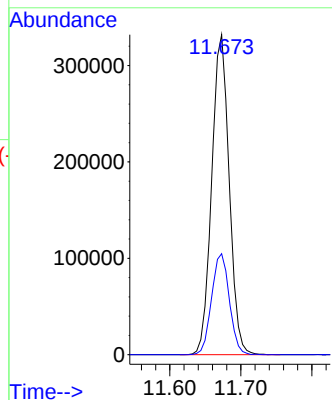
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#65
Chlorobenzene
Concen: 49.34 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



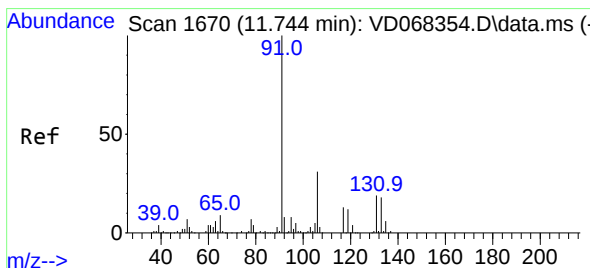
Tgt Ion:112 Resp: 565542
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



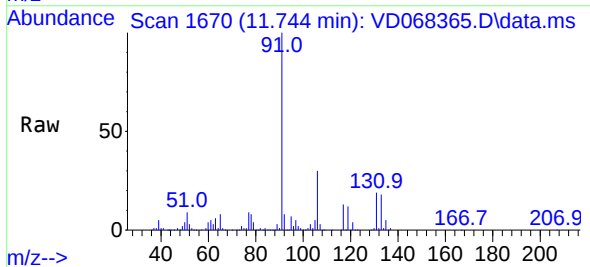
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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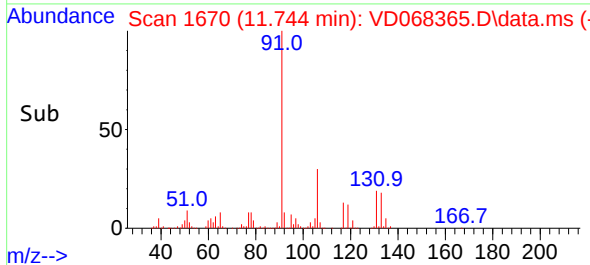
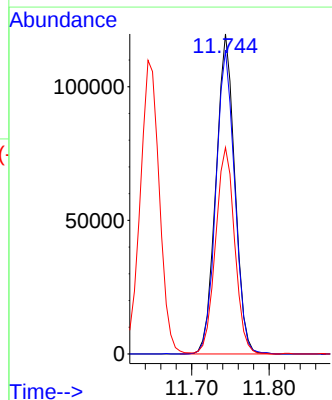
MMDadoda
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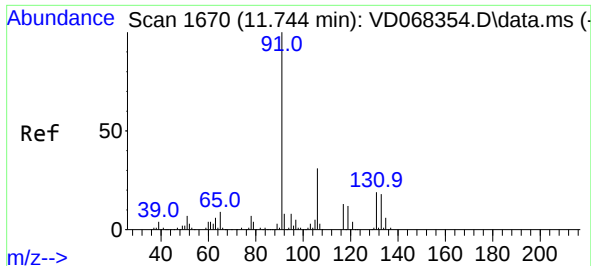


#66
1,1,1,2-Tetrachloroethane
Concen: 50.68 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



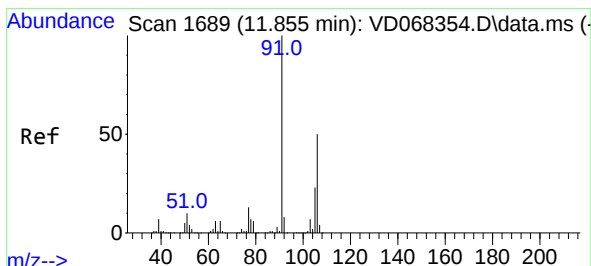
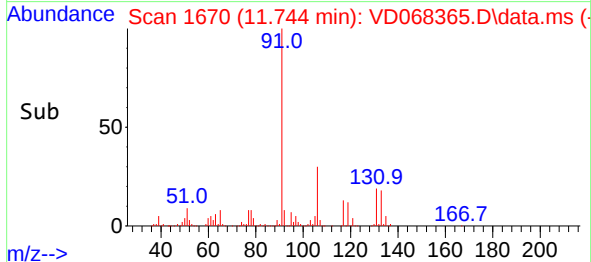
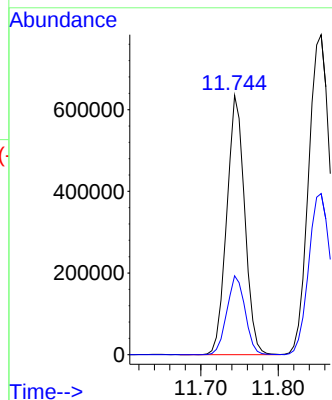
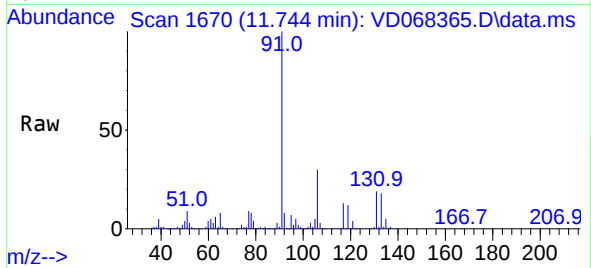
Tgt Ion:131 Resp: 202710
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.4
119 65.4 31.6 94.8





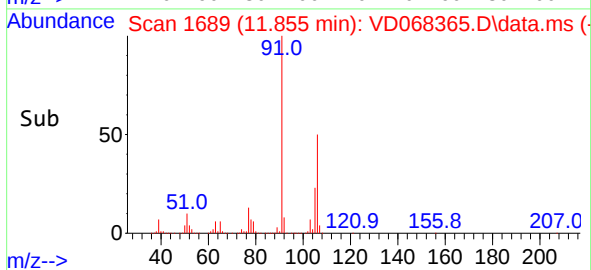
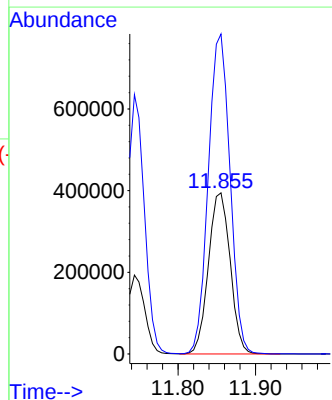
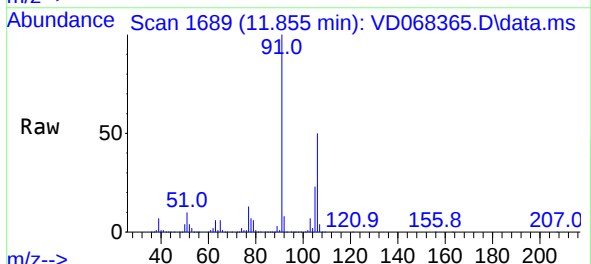
#67
Ethyl Benzene
Concen: 49.86 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 91 Resp: 1024809
Ion Ratio Lower Upper
91 100
106 30.4 25.9 38.9



#68
m/p-Xylenes
Concen: 99.03 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

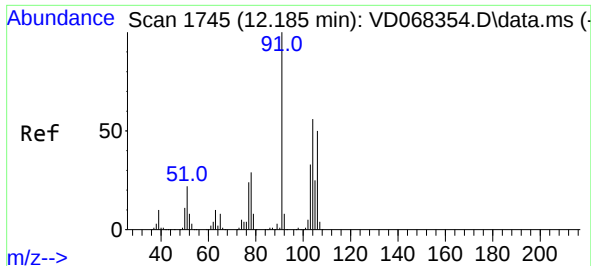
Tgt Ion: 106 Resp: 769160
Ion Ratio Lower Upper
106 100
91 197.8 159.1 238.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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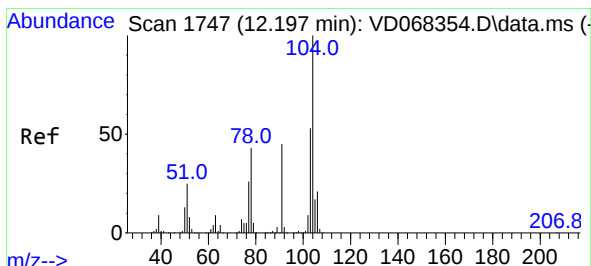
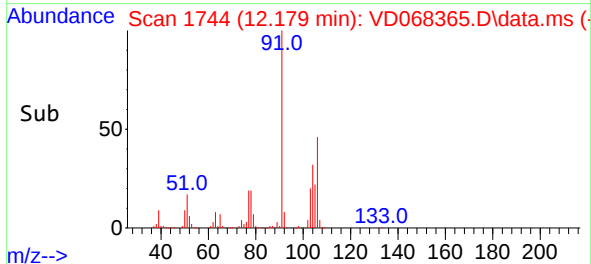
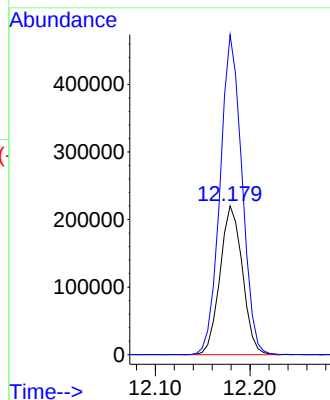
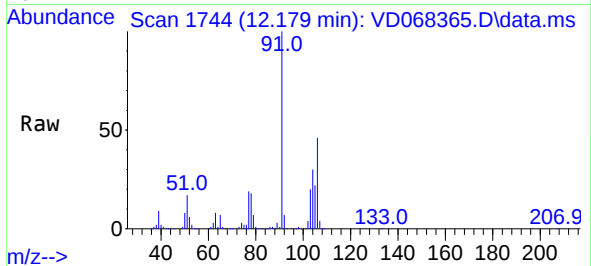
#69
o-Xylene
Concen: 50.75 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion:106 Resp: 361631
Ion Ratio Lower Upper
106 100
91 210.8 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

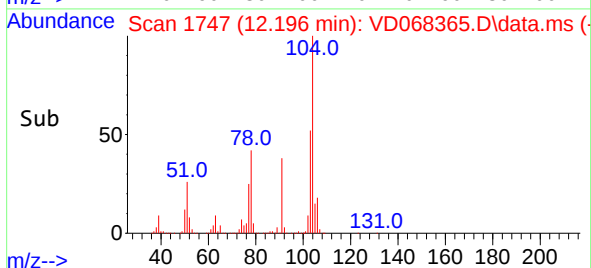
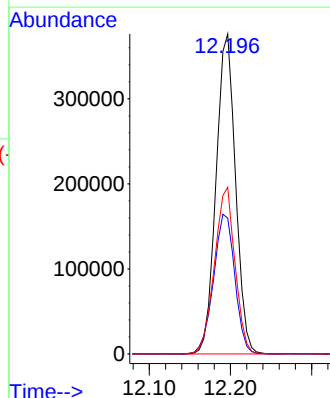
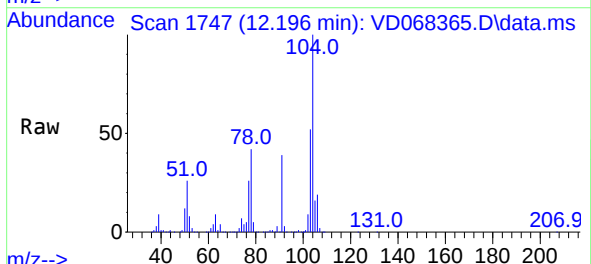
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#70
Styrene
Concen: 50.59 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion:104 Resp: 627082
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.2
103 55.0 43.1 64.7





#71
Bromoform
Concen: 49.47 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

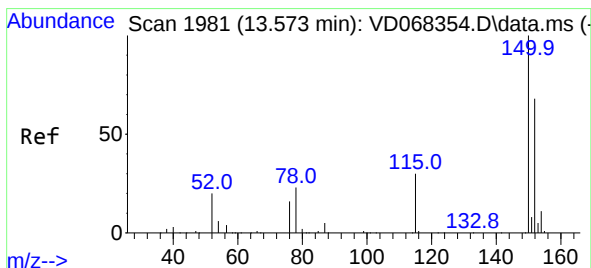
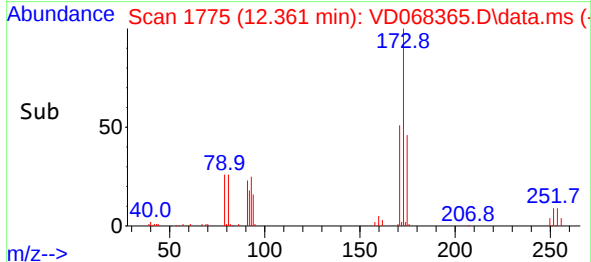
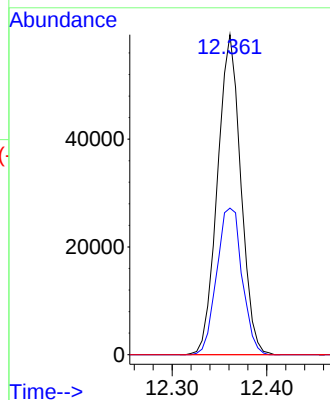
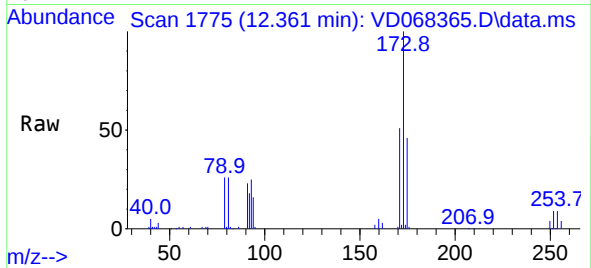
Tgt Ion:173 Resp: 101650
Ion Ratio Lower Upper
173 100
175 49.8 24.6 73.8
254 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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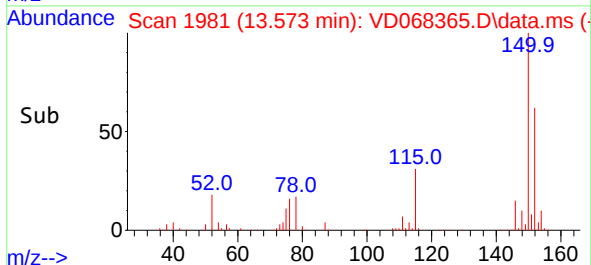
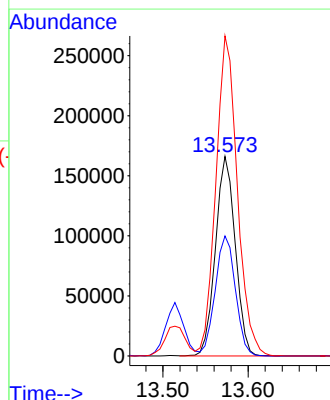
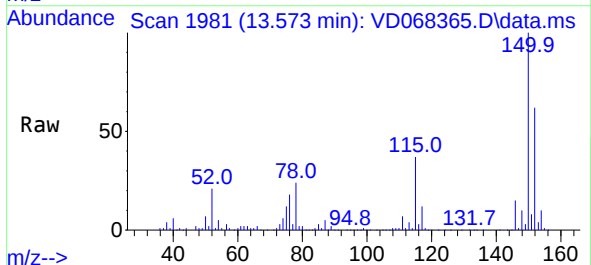
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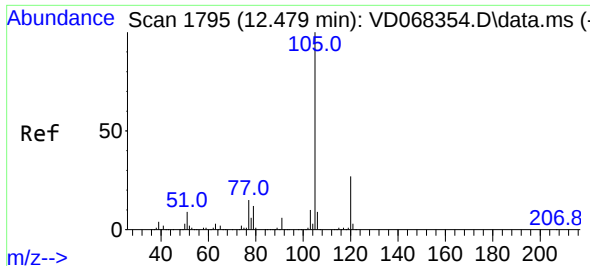
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

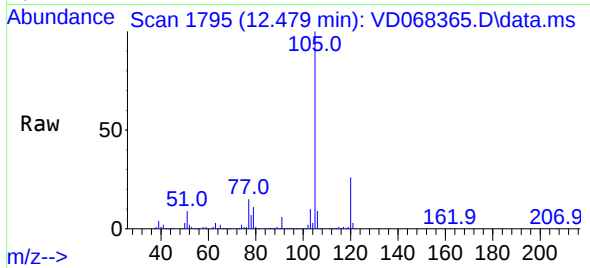
Tgt Ion:152 Resp: 269025
Ion Ratio Lower Upper
152 100
115 61.1 28.9 86.8
150 174.2 0.0 344.4





#73
Isopropylbenzene
Concen: 49.58 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

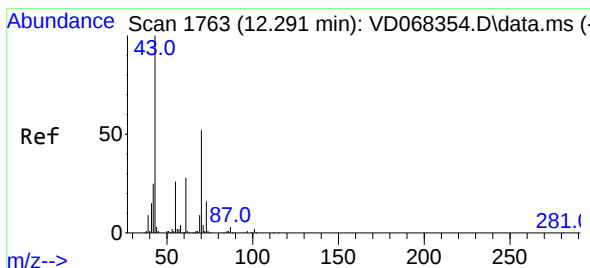
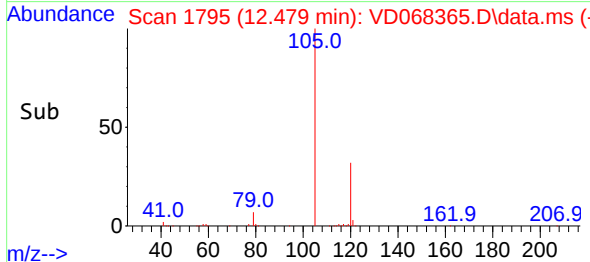
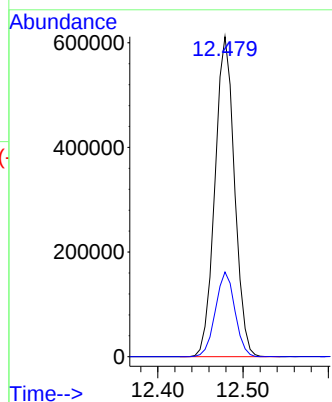
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



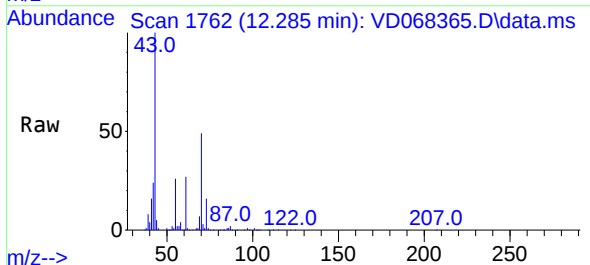
Tgt Ion:105 Resp: 974381
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

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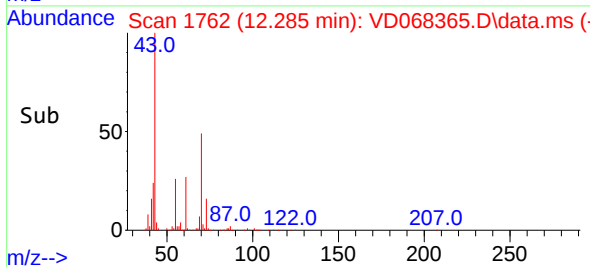
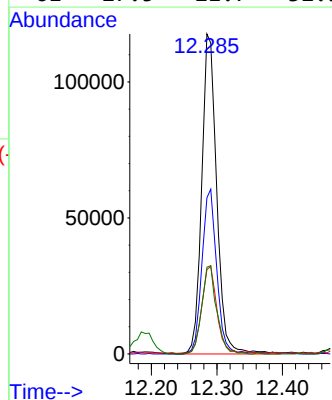
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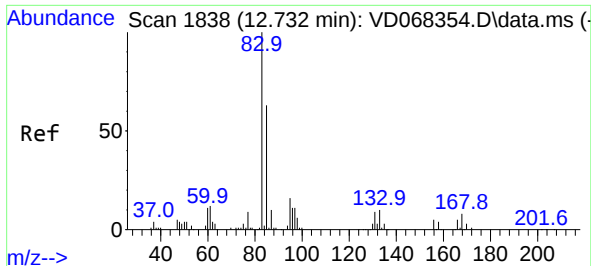


#74
N-ethyl acetate
Concen: 54.07 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



Tgt Ion: 43 Resp: 187621
Ion Ratio Lower Upper
43 100
70 50.5 41.8 62.8
55 27.1 24.2 36.4
61 27.5 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 51.04 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

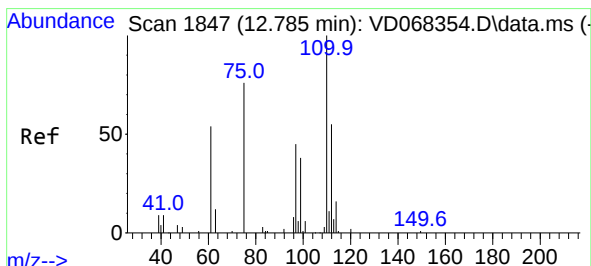
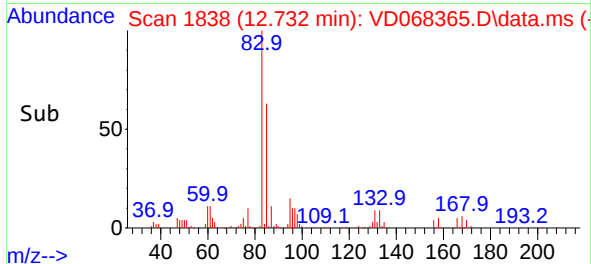
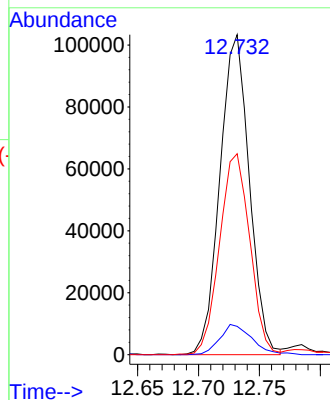
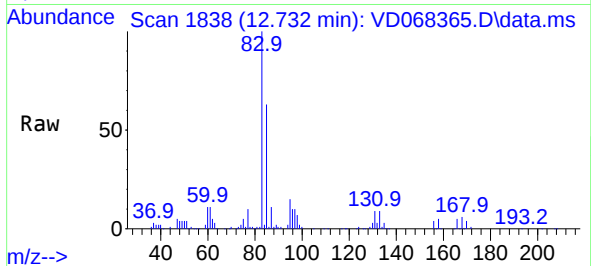
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.8	17.4
85	64.5	32.4	97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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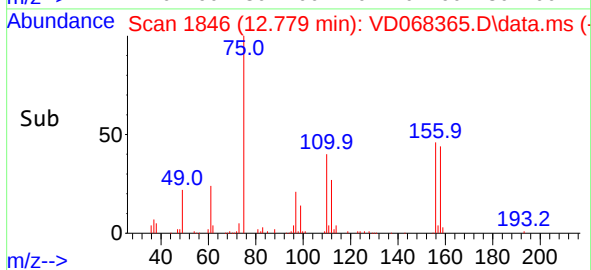
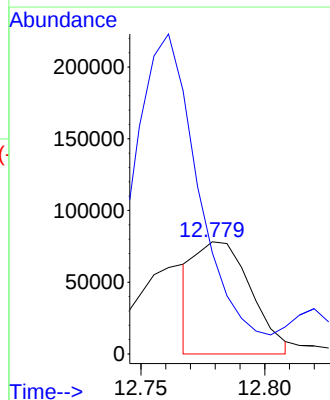
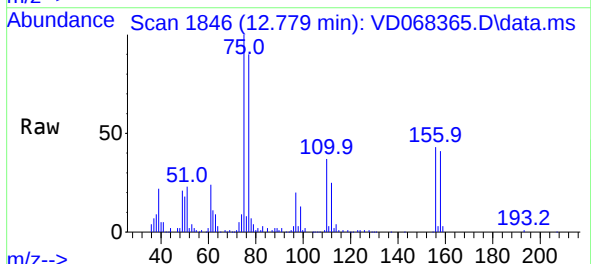
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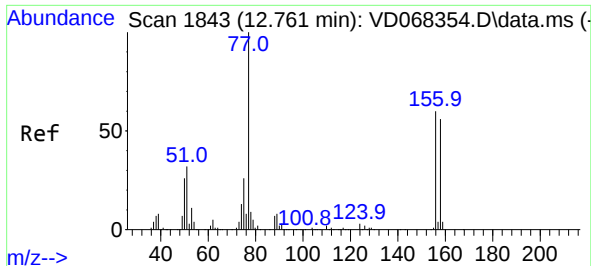
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#76
1,2,3-Trichloropropane
Concen: 48.10 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	338.9	0.0	0.0#





#77
Bromobenzene
Concen: 50.00 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

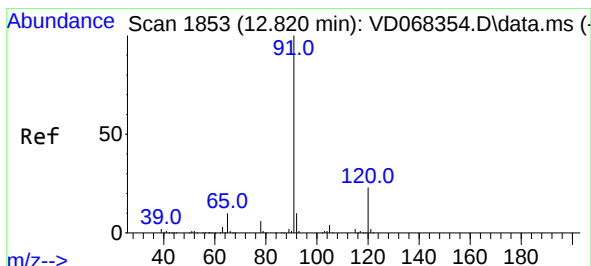
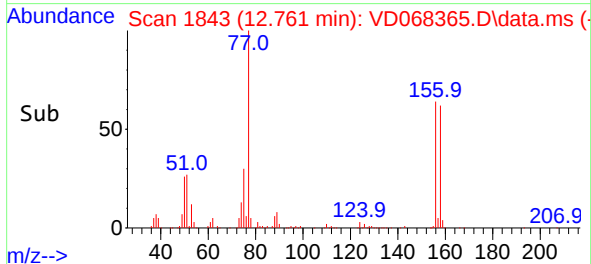
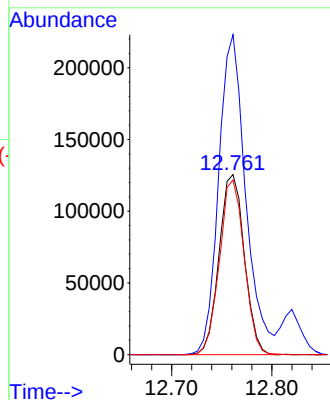
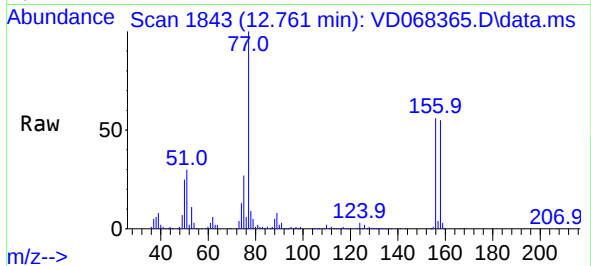
Tgt Ion: 156 Resp: 219485
Ion Ratio Lower Upper
156 100
77 190.1 82.8 248.3
158 94.9 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

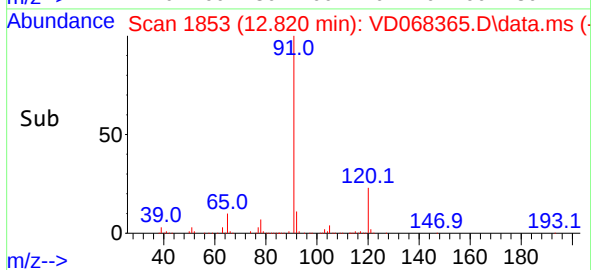
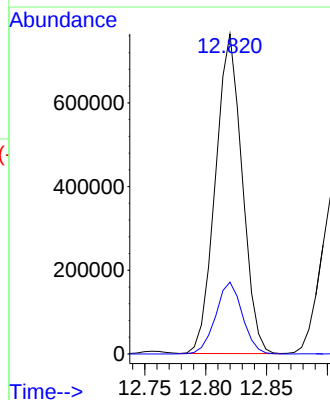
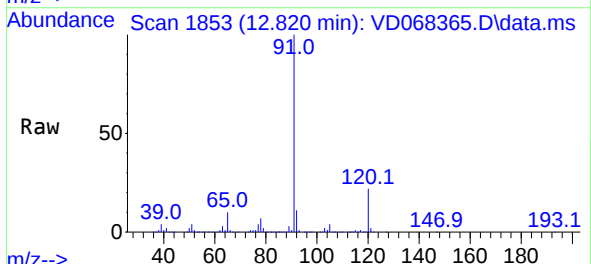
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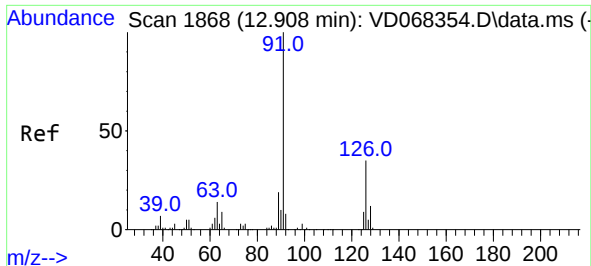
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#78
n-propylbenzene
Concen: 49.51 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 91 Resp: 1164598
Ion Ratio Lower Upper
91 100
120 22.5 12.0 36.0





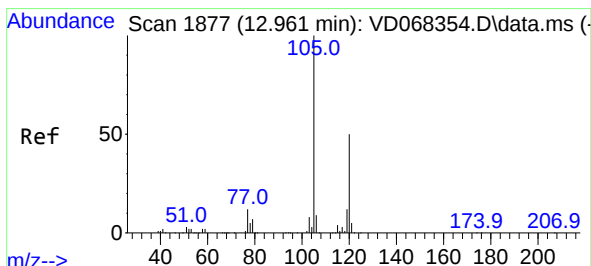
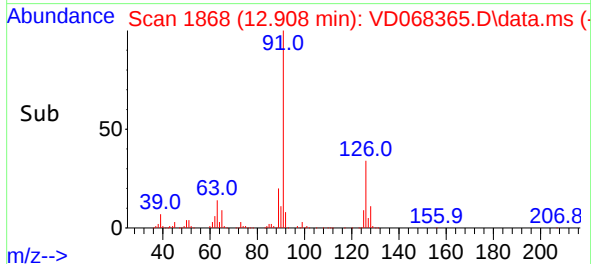
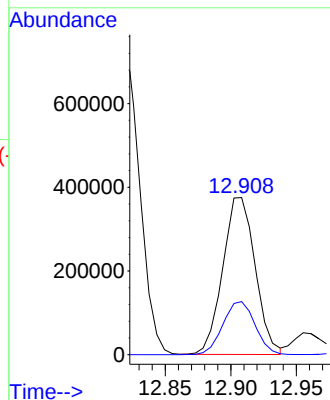
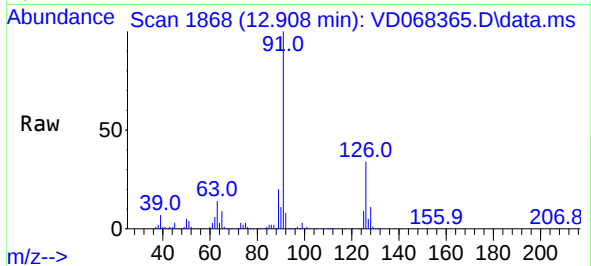
#79
2-Chlorotoluene
Concen: 49.60 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 91 Resp: 646154
Ion Ratio Lower Upper
91 100
126 33.6 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

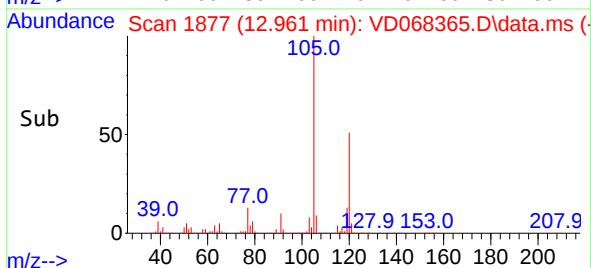
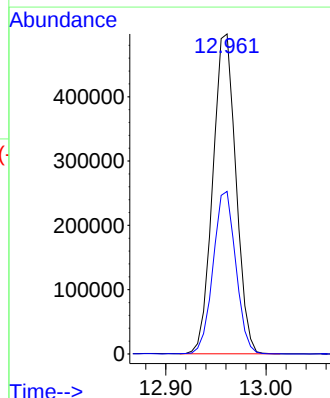
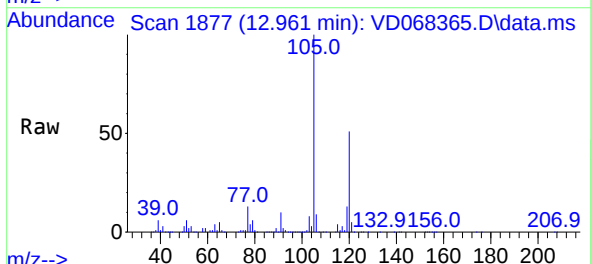
Manual Integrations
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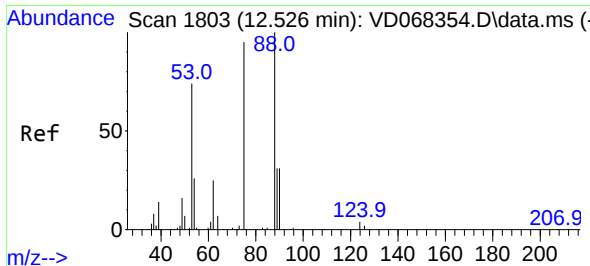
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#80
1,3,5-Trimethylbenzene
Concen: 49.61 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

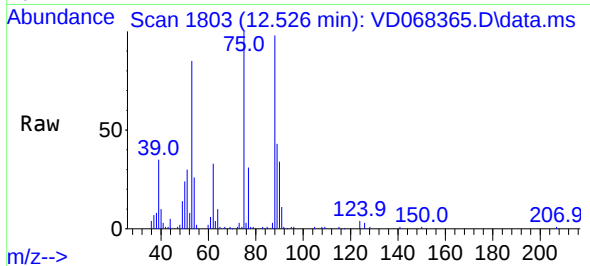
Tgt Ion: 105 Resp: 796616
Ion Ratio Lower Upper
105 100
120 50.0 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 53.65 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

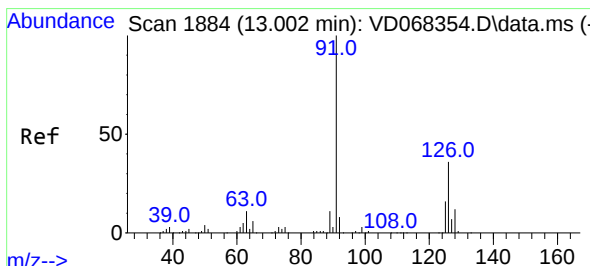
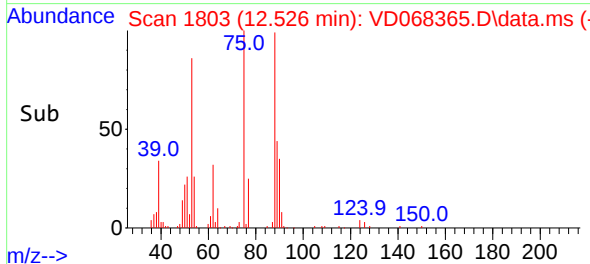
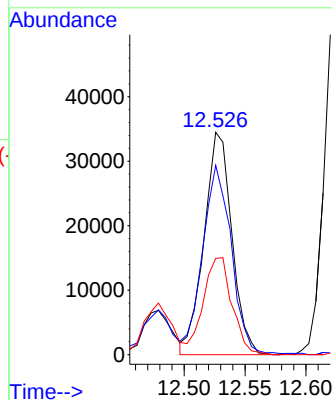


Tgt Ion: 75 Resp: 54792
Ion Ratio Lower Upper
75 100
53 88.5 70.2 105.2
89 44.7 40.3 60.5

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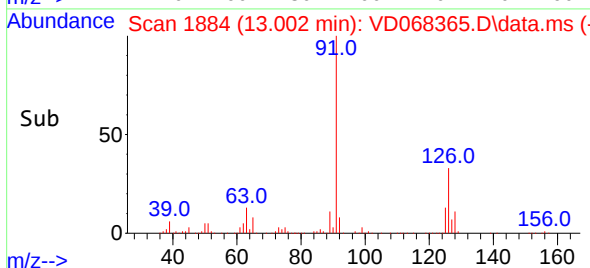
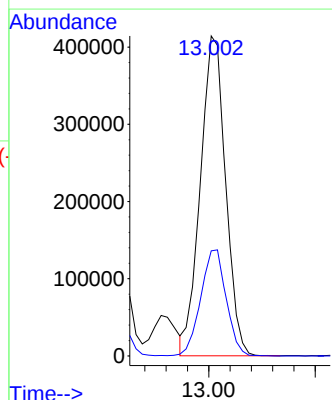
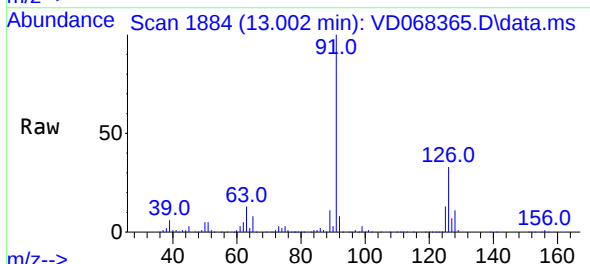
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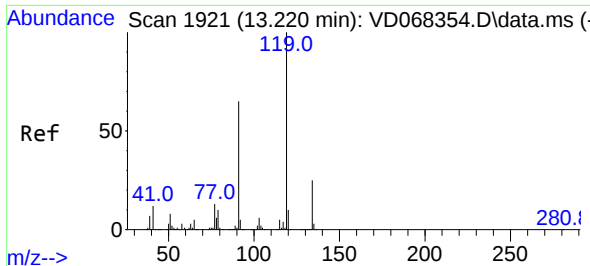
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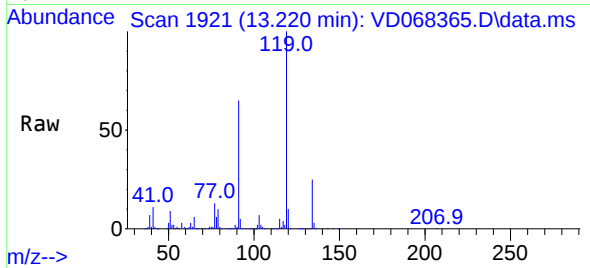
#82
4-Chlorotoluene
Concen: 49.56 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion: 91 Resp: 682583
Ion Ratio Lower Upper
91 100
126 33.6 17.7 53.1

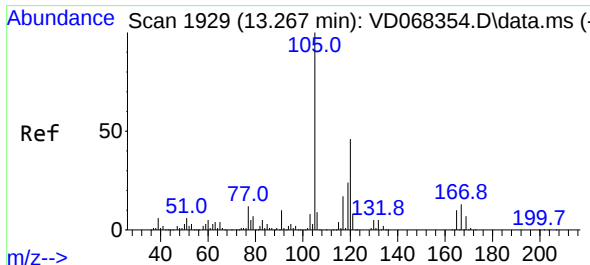
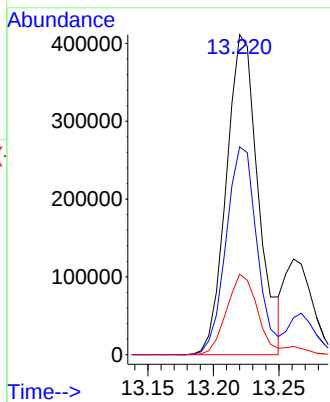
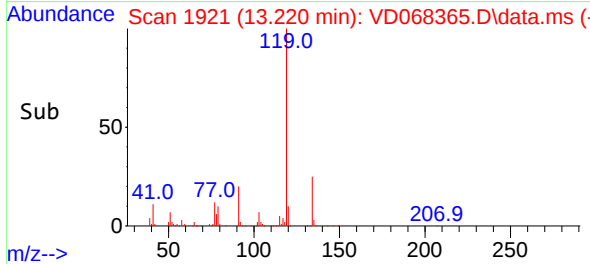




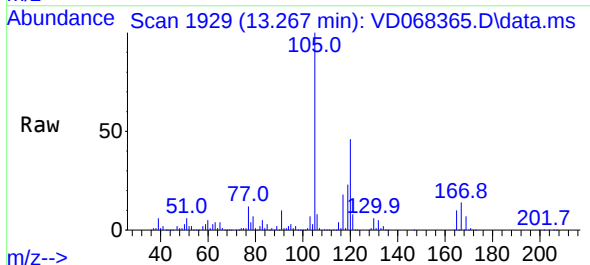
#83
tert-Butylbenzene
Concen: 50.14 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



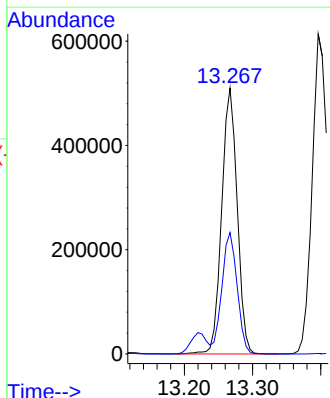
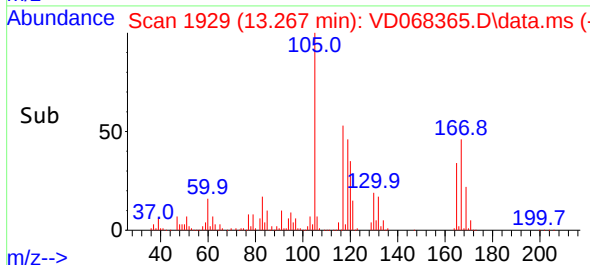
Tgt Ion:119 Resp: 698411
Ion Ratio Lower Upper
119 100
91 62.9 31.1 93.5
134 25.9 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 50.50 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



Tgt Ion:105 Resp: 807852
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.0

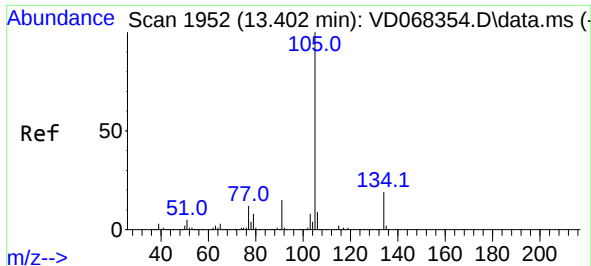


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

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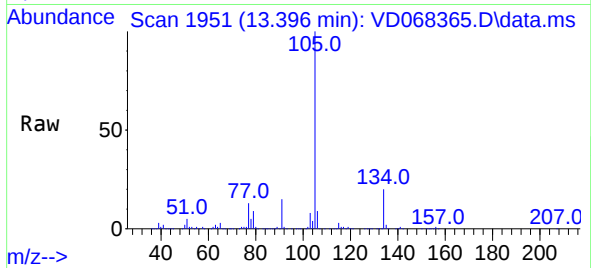
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#85
 sec-Butylbenzene
 Concen: 49.79 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: VD068365.D
 Acq: 15 Feb 2021 16:05

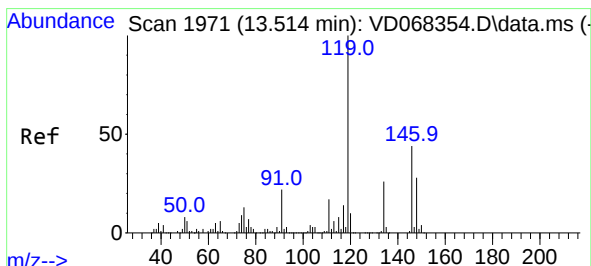
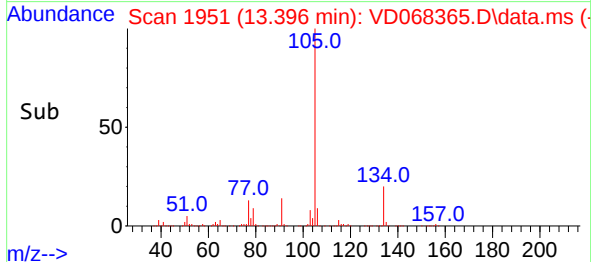
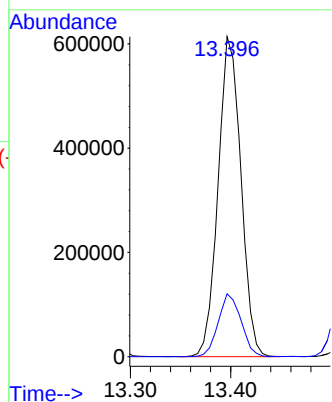
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 970019
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.3 30.9

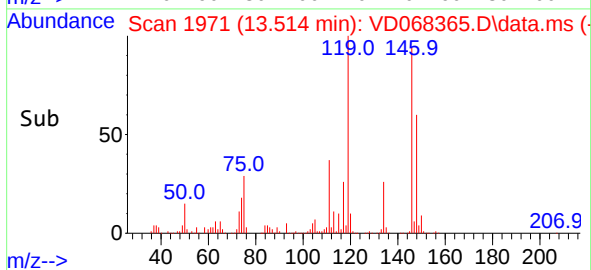
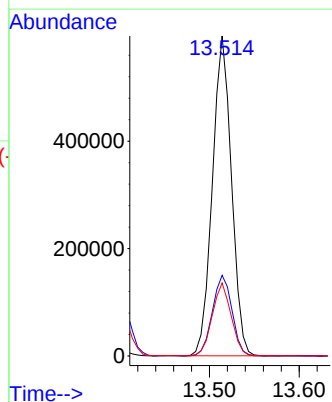
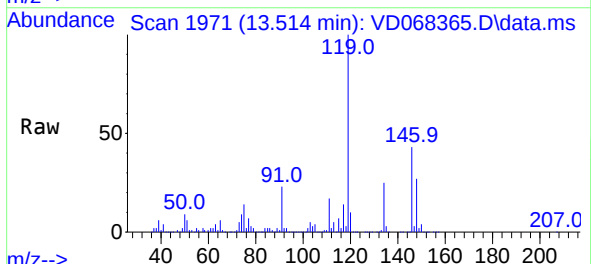
Manual Integrations
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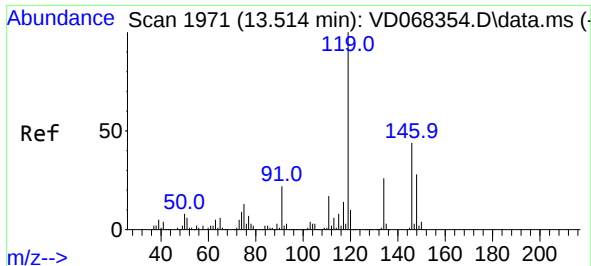
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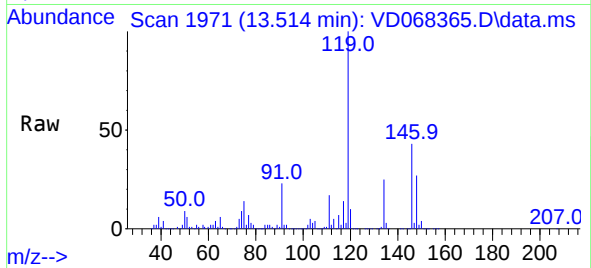
#86
 p-Isopropyltoluene
 Concen: 50.23 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068365.D
 Acq: 15 Feb 2021 16:05

Tgt Ion:119 Resp: 878499
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 22.5 11.7 35.0

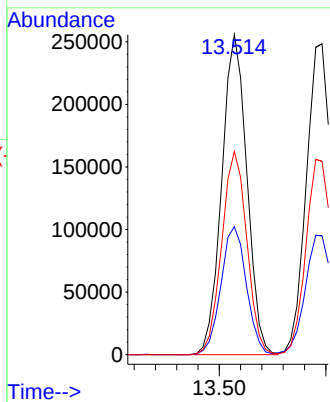
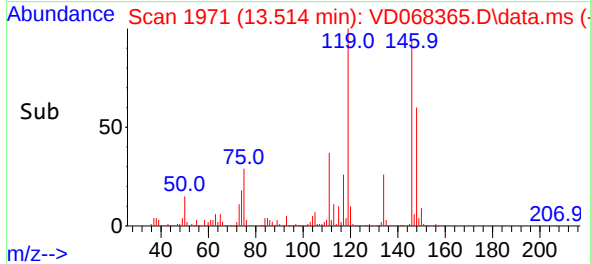




#87
1,3-Dichlorobenzene
Concen: 49.23 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



Tgt Ion:146 Resp: 418081
Ion Ratio Lower Upper
146 100
111 40.5 19.5 58.5
148 63.5 31.6 95.0

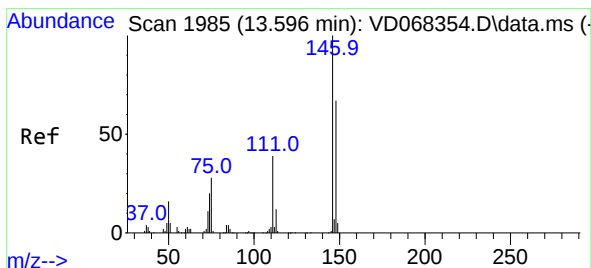


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

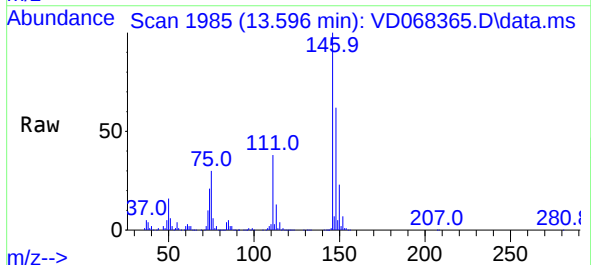
Manual Integrations
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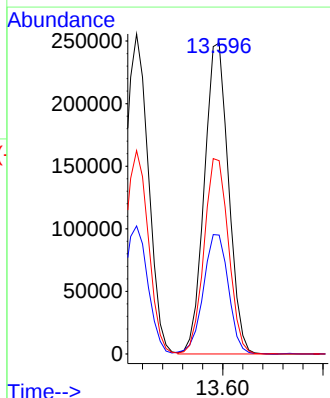
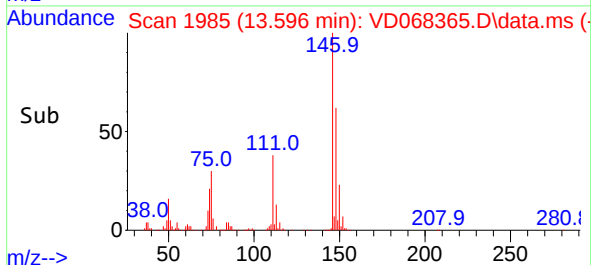
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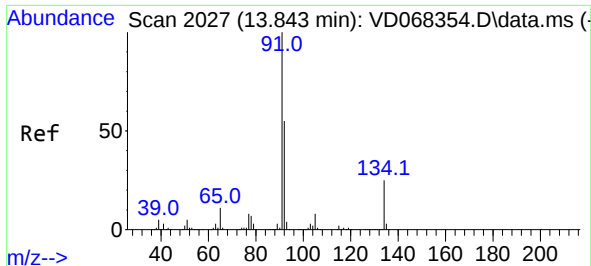


#88
1,4-Dichlorobenzene
Concen: 49.26 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

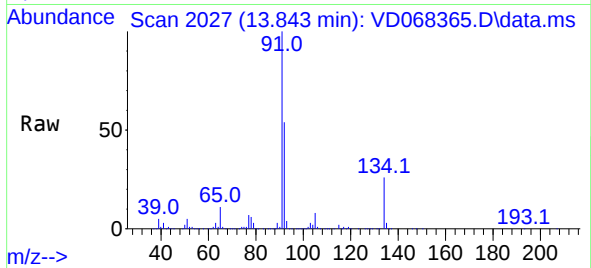


Tgt Ion:146 Resp: 416301
Ion Ratio Lower Upper
146 100
111 39.9 19.1 57.1
148 63.5 31.9 95.7

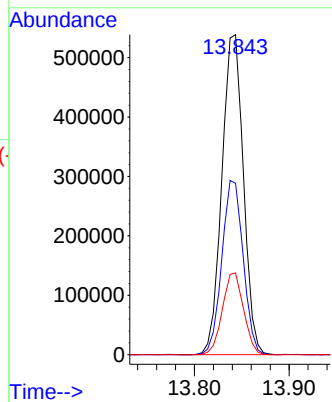
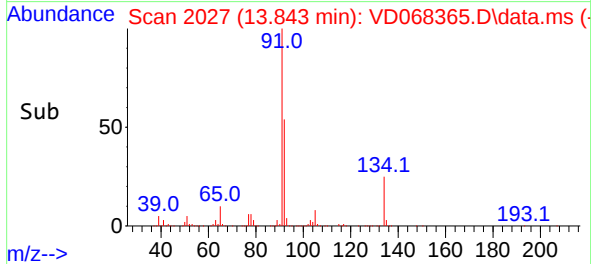




#89
n-Butylbenzene
Concen: 49.86 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



Tgt Ion: 91 Resp: 850993
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 25.1 13.9 41.7

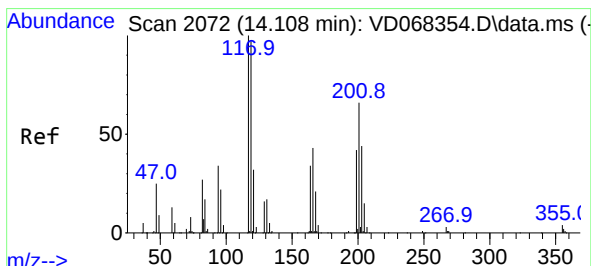


Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

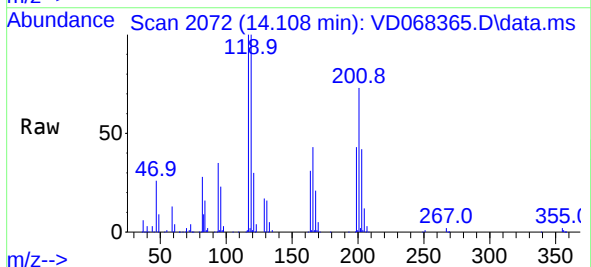
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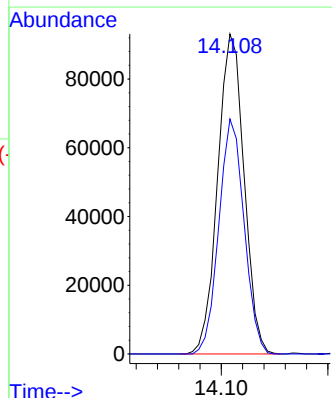
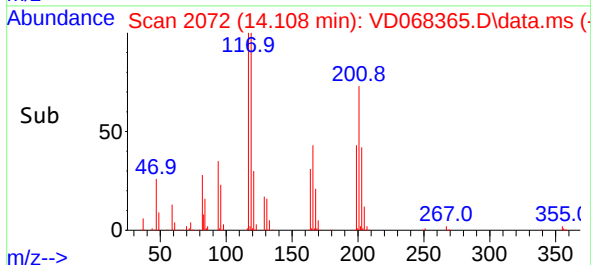
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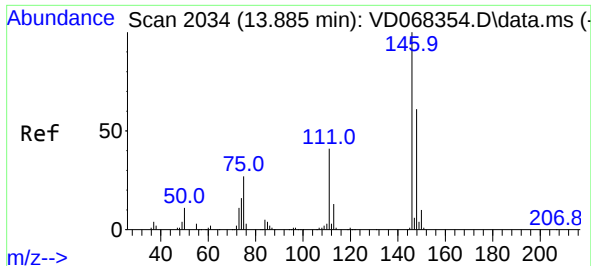


#90
Hexachloroethane
Concen: 50.40 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



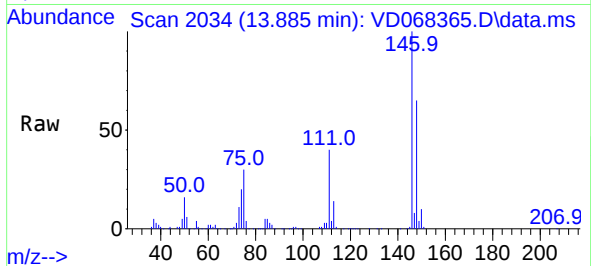
Tgt Ion: 117 Resp: 160050
Ion Ratio Lower Upper
117 100
201 70.3 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 50.25 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

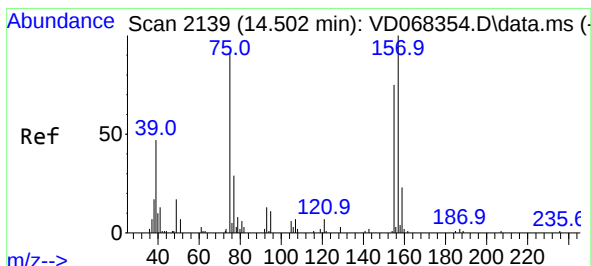
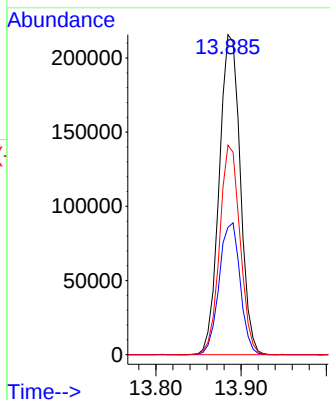
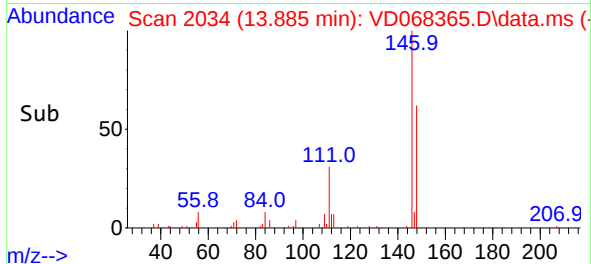


Tgt Ion:146 Resp: 370043
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.9
148 63.6 31.7 95.1

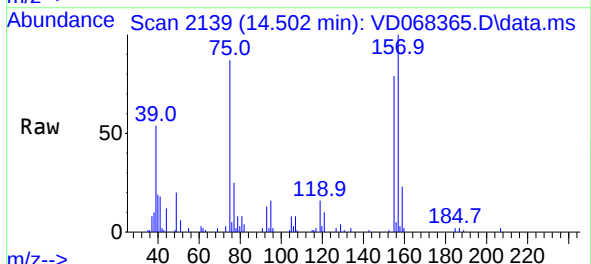
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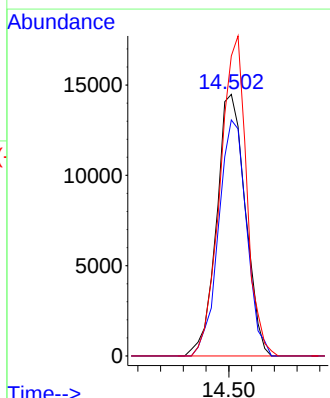
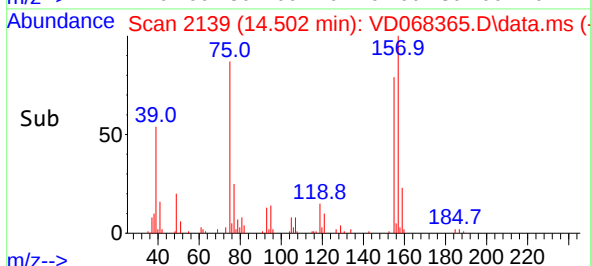
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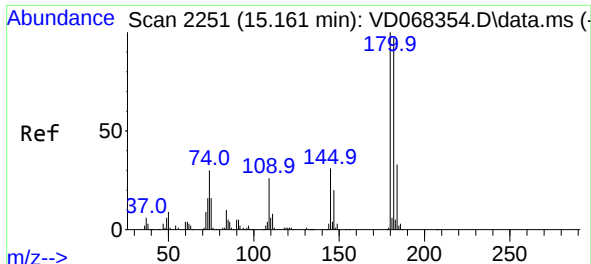


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.17 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05



Tgt Ion: 75 Resp: 25479
Ion Ratio Lower Upper
75 100
155 87.5 48.0 144.2
157 112.4 65.0 194.8





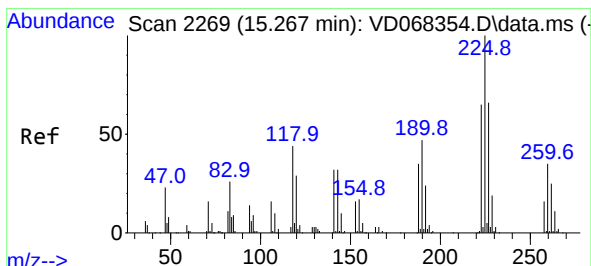
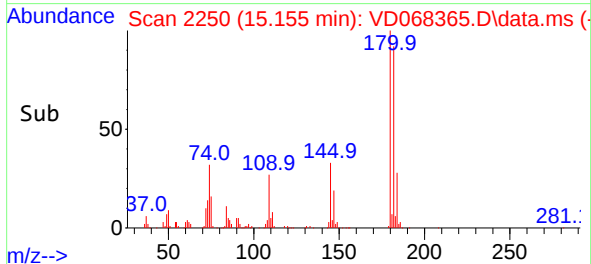
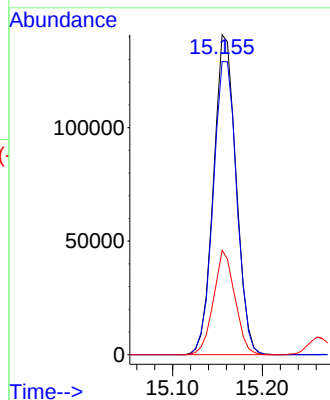
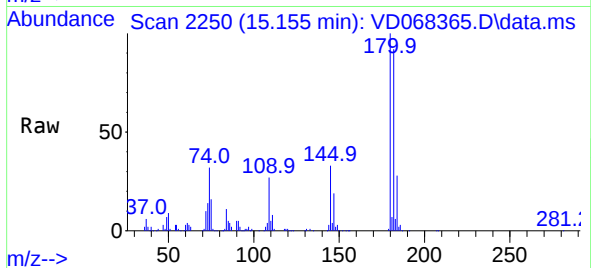
#93
1,2,4-Trichlorobenzene
Concen: 51.01 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion:180 Resp: 246027
Ion Ratio Lower Upper
180 100
182 95.3 46.8 140.4
145 30.9 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

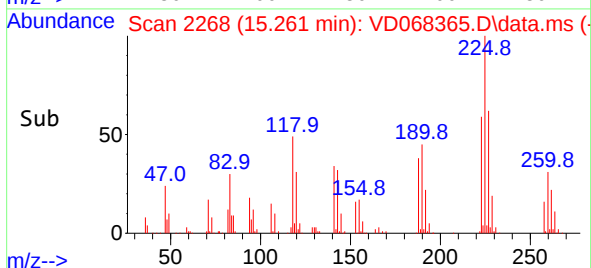
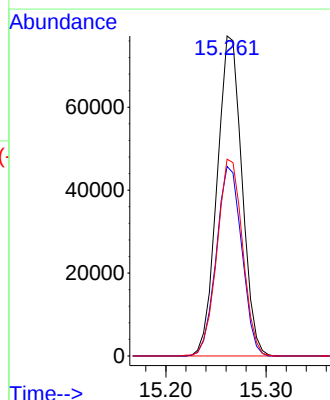
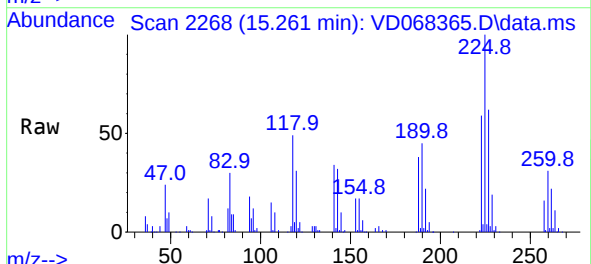
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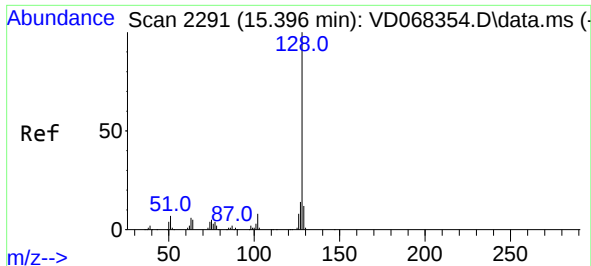
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#94
Hexachlorobutadiene
Concen: 50.01 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.006 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion:225 Resp: 132670
Ion Ratio Lower Upper
225 100
223 60.6 31.9 95.5
227 63.1 32.1 96.5





#95
Naphthalene
Concen: 53.10 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

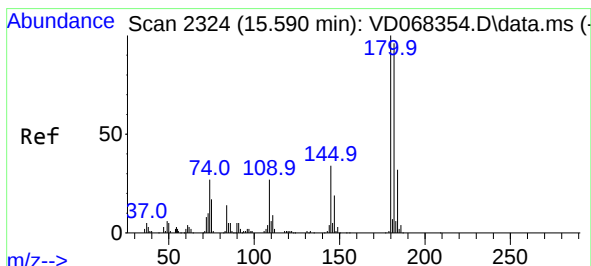
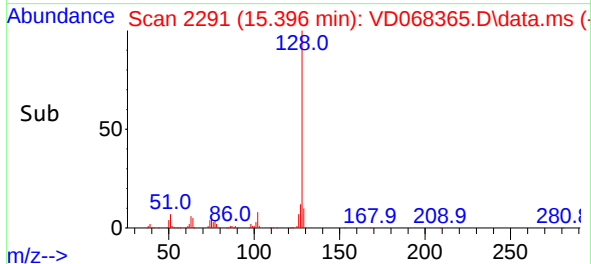
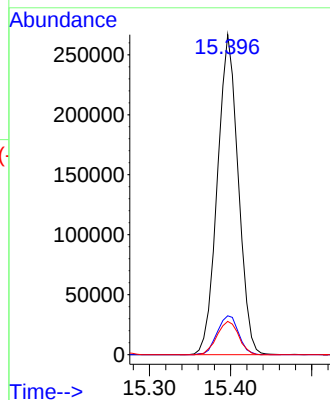
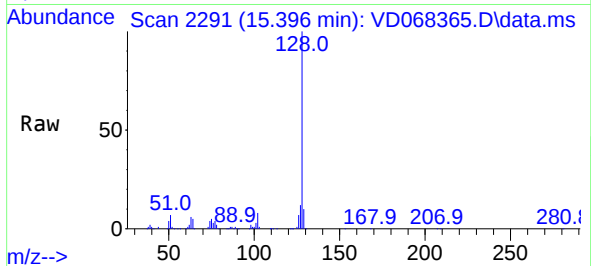
Tgt Ion:128 Resp: 476096
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.8 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda

2/16/2021 1:18:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.12 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068365.D
Acq: 15 Feb 2021 16:05

Tgt Ion:180 Resp: 206641
Ion Ratio Lower Upper
180 100
182 96.0 48.3 144.8
145 32.3 16.7 50.1

