

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021621\
 Data File : VD068369.D
 Acq On : 16 Feb 2021 11:30
 Operator : VA/SY
 Sample : VD0216SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0216SBS01

Manual Integrations
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Quant Time: Feb 17 00:03:57 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	7.979	168	391860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	664281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	599952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	275556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	208460	52.04	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.08%			
35) Dibromofluoromethane	7.914	113	209683	53.18	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.36%			
50) Toluene-d8	10.344	98	888864	54.39	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.78%			
62) 4-Bromofluorobenzene	12.632	95	277568	52.14	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	75122	20.92	ug/l	96
3) Chloromethane	2.209	50	89093	20.84	ug/l	98
4) Vinyl Chloride	2.350	62	104294	20.38	ug/l	95
5) Bromomethane	2.762	94	75841	20.73	ug/l	94
6) Chloroethane	2.920	64	70761	21.17	ug/l	97
7) Trichlorofluoromethane	3.273	101	131762	20.92	ug/l	95
8) Diethyl Ether	3.715	74	38082	20.59	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	80134	20.90	ug/l	92
10) Methyl Iodide	4.309	142	66656	18.52	ug/l	93
11) Tert butyl alcohol	5.220	59	20364	101.39	ug/l	96
12) 1,1-Dichloroethene	4.079	96	75718	20.32	ug/l	97
13) Acrolein	3.932	56	18873	82.18	ug/l	99
14) Allyl chloride	4.720	41	104323	21.53	ug/l	97
15) Acrylonitrile	5.420	53	78894	98.81	ug/l	98
16) Acetone	4.156	43	68537	110.89	ug/l #	87
17) Carbon Disulfide	4.415	76	219657	20.35	ug/l	100
18) Methyl Acetate	4.720	43	31574	18.61	ug/l	94
19) Methyl tert-butyl Ether	5.485	73	165428	19.67	ug/l	94
20) Methylene Chloride	4.967	84	93775	20.01	ug/l #	87
21) trans-1,2-Dichloroethene	5.473	96	88709	20.57	ug/l	96
22) Diisopropyl ether	6.367	45	228853	21.34	ug/l	93
23) Vinyl Acetate	6.303	43	571048	103.14	ug/l	99
24) 1,1-Dichloroethane	6.267	63	152307	20.76	ug/l	99
25) 2-Butanone	7.208	43	87576	101.34	ug/l	93
26) 2,2-Dichloropropane	7.208	77	131141	20.90	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	98383	20.07	ug/l	94
28) Bromochloromethane	7.550	49	60225	19.79	ug/l #	78
29) Tetrahydrofuran	7.567	42	56748	101.52	ug/l	95
30) Chloroform	7.714	83	155504	20.38	ug/l	98
31) Cyclohexane	7.985	56	138305	22.16	ug/l	96
32) 1,1,1-Trichloroethane	7.908	97	137924	20.92	ug/l #	94
36) 1,1-Dichloropropene	8.114	75	123323	20.99	ug/l	96
37) Ethyl Acetate	7.291	43	39779	20.03	ug/l #	96
38) Carbon Tetrachloride	8.103	117	115984	20.69	ug/l	97
39) Methylcyclohexane	9.355	83	154471	21.43	ug/l	98
40) Benzene	8.355	78	356007	21.24	ug/l	97

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Manual Integrations
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Quant Time: Feb 17 00:03:57 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)
41) Methacrylonitrile	7.532	41	23655	20.69	ug/l #	91
42) 1,2-Dichloroethane	8.426	62	94457	21.13	ug/l	98
43) Isopropyl Acetate	8.450	43	76756	20.18	ug/l	99
44) Trichloroethene	9.114	130	95086	20.84	ug/l	89
45) 1,2-Dichloropropane	9.385	63	88397	21.61	ug/l	92
46) Dibromomethane	9.473	93	44170	19.91	ug/l	93
47) Bromodichloromethane	9.661	83	124124	21.58	ug/l	93
48) Methyl methacrylate	9.455	41	40966	21.59	ug/l	98
49) 1,4-Dioxane	9.461	88	9669	372.98	ug/l #	88
51) 4-Methyl-2-Pentanone	10.232	43	203007	103.94	ug/l	96
52) Toluene	10.408	92	227806	21.14	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	111362	20.92	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	136343	20.96	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	64090	20.91	ug/l	91
56) Ethyl methacrylate	10.661	69	71688	19.71	ug/l	98
57) 1,3-Dichloropropane	10.949	76	110718	20.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	191685	98.43	ug/l	92
59) 2-Hexanone	10.985	43	140915	106.74	ug/l	100
60) Dibromochloromethane	11.144	129	78444	20.62	ug/l	99
61) 1,2-Dibromoethane	11.249	107	60821	20.53	ug/l	100
64) Tetrachloroethene	10.879	164	77005	20.86	ug/l	92
65) Chlorobenzene	11.673	112	242662	21.04	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	81968	20.37	ug/l	97
67) Ethyl Benzene	11.744	91	438937	21.22	ug/l	96
68) m/p-Xylenes	11.855	106	331184	42.37	ug/l	98
69) o-Xylene	12.179	106	149259	20.81	ug/l	99
70) Styrene	12.196	104	259547	20.81	ug/l	99
71) Bromoform	12.361	173	40261	19.47	ug/l #	98
73) Isopropylbenzene	12.479	105	422225	20.98	ug/l	99
74) N-amyl acetate	12.291	43	72117	20.29	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	68147	19.54	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	51394m	19.60	ug/l	
77) Bromobenzene	12.761	156	91736	20.40	ug/l	91
78) n-propylbenzene	12.820	91	507994	21.08	ug/l	99
79) 2-Chlorotoluene	12.908	91	275466	20.64	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	343660	20.89	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.532	75	19630	18.76	ug/l	95
82) 4-Chlorotoluene	13.002	91	294416	20.87	ug/l	96
83) tert-Butylbenzene	13.220	119	294312	20.63	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	343789	20.98	ug/l	98
85) sec-Butylbenzene	13.402	105	422563	21.18	ug/l	98
86) p-Isopropyltoluene	13.514	119	377631	21.08	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	178885	20.56	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	176157	20.35	ug/l	98
89) n-Butylbenzene	13.843	91	368115	21.06	ug/l	98
90) Hexachloroethane	14.108	117	68963	21.20	ug/l	90
91) 1,2-Dichlorobenzene	13.885	146	155273	20.59	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9598	18.82	ug/l	89
93) 1,2,4-Trichlorobenzene	15.161	180	101606	20.57	ug/l	100
94) Hexachlorobutadiene	15.261	225	54012	19.88	ug/l	98
95) Naphthalene	15.396	128	185090	20.15	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	86897	20.16	ug/l	97

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Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

Manual Integrations
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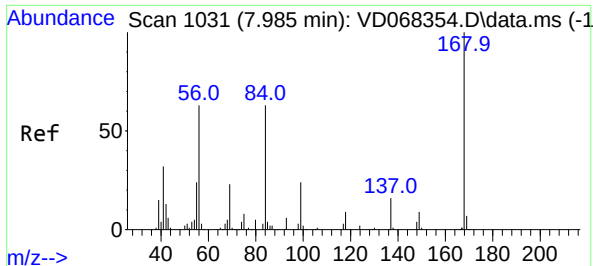
Quant Time: Feb 17 00:03:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

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

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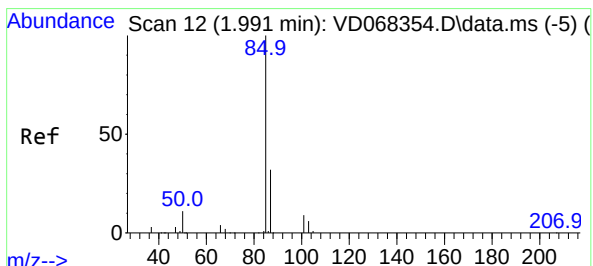
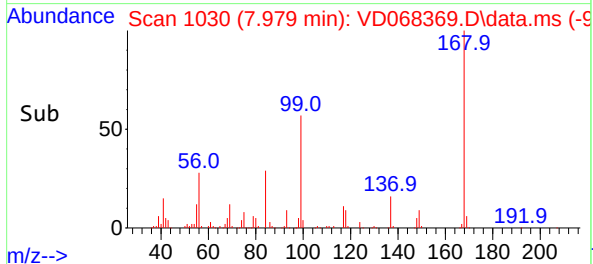
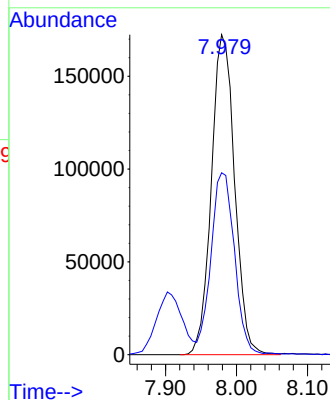
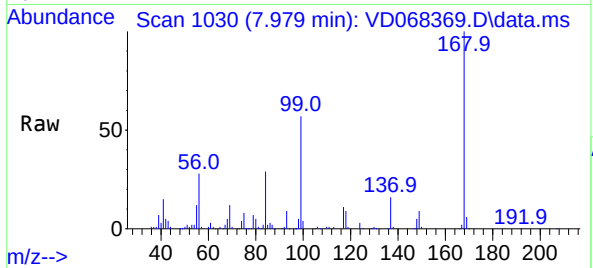
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 168 Resp: 391860
Ion Ratio Lower Upper
168 100
99 56.5 43.5 65.3

Instrument :
MSVOA_D
ClientSampleId :
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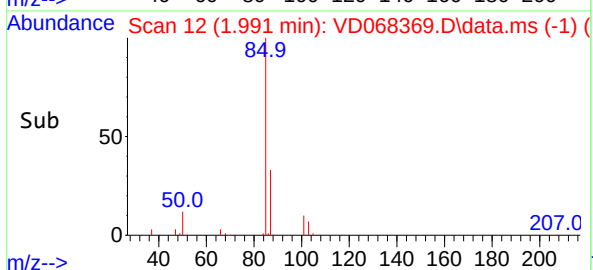
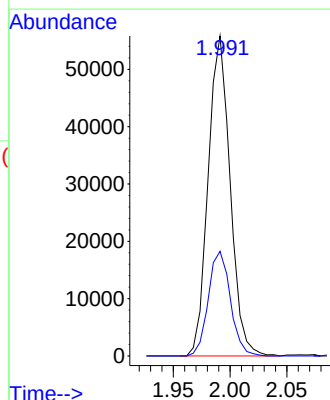
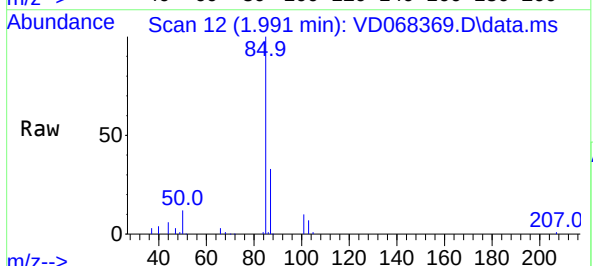
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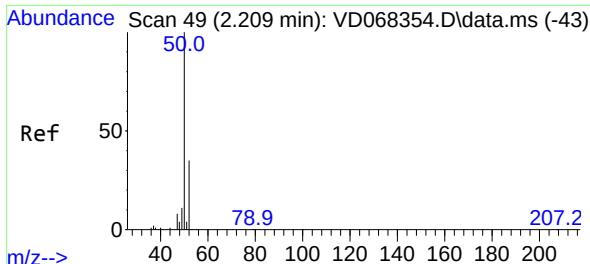
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#2
Dichlorodifluoromethane
Concen: 20.92 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

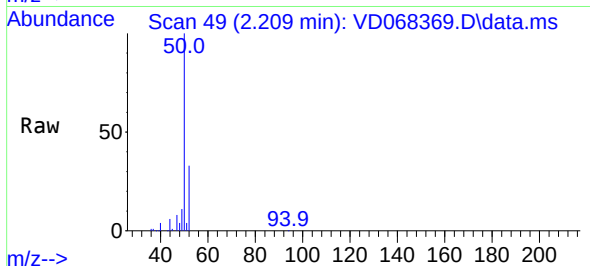
Tgt Ion: 85 Resp: 75122
Ion Ratio Lower Upper
85 100
87 32.7 15.4 46.1



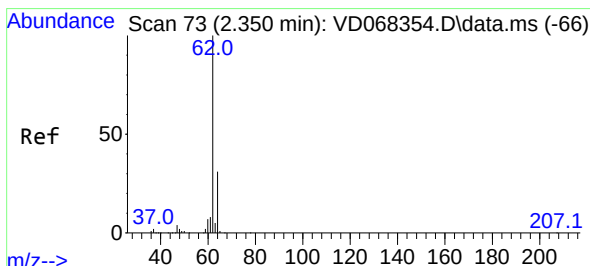
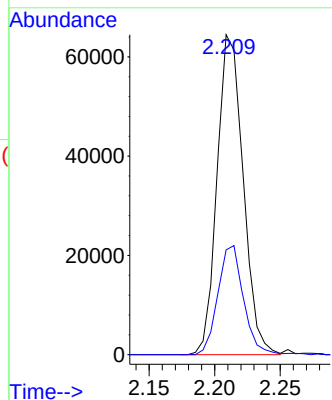
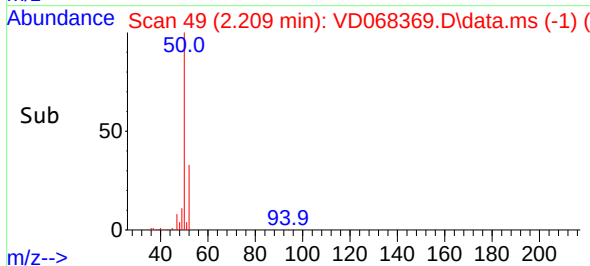


#3
Chloromethane
Concen: 20.84 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

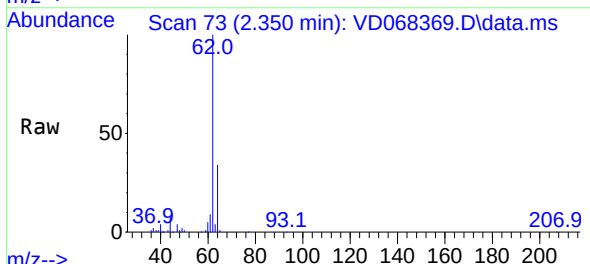
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



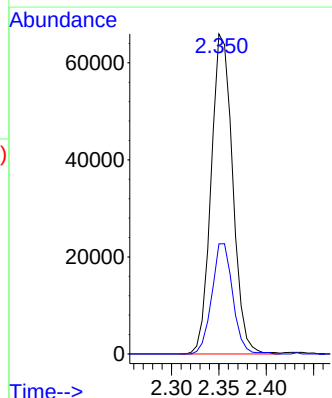
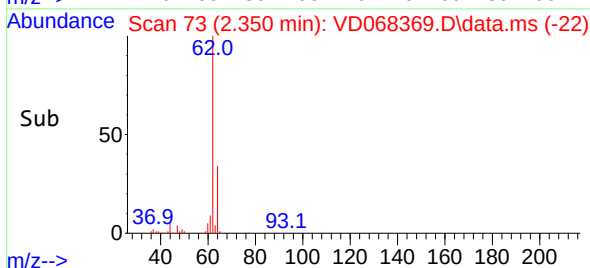
Tgt Ion: 50 Resp: 89093
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2

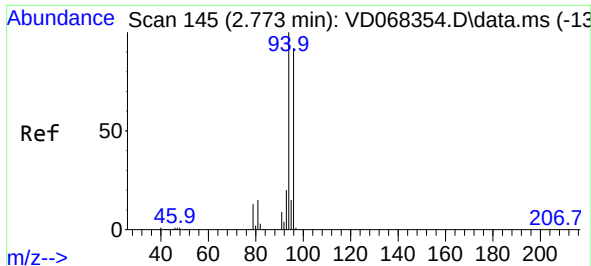


#4
Vinyl Chloride
Concen: 20.38 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



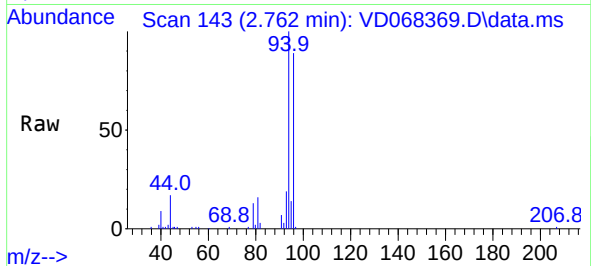
Tgt Ion: 62 Resp: 104294
Ion Ratio Lower Upper
62 100
64 34.4 25.4 38.2





#5
Bromomethane
Concen: 20.73 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.012 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

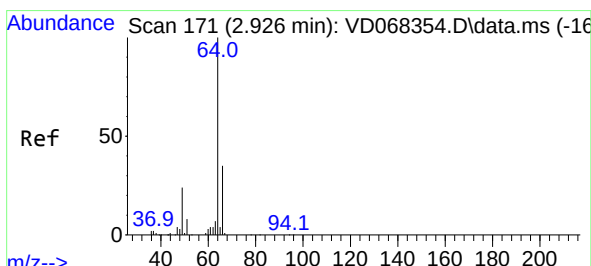
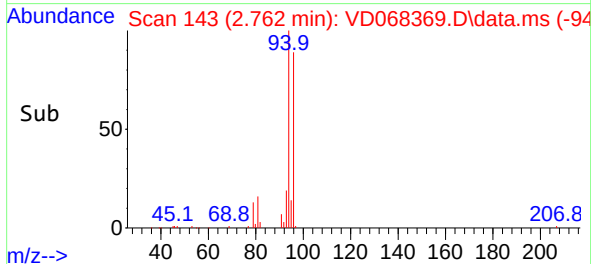
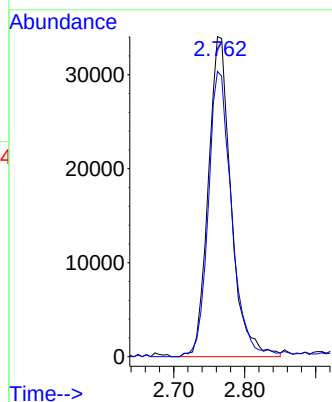
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



Tgt Ion: 94 Resp: 75841
Ion Ratio Lower Upper
94 100
96 89.1 75.8 113.8

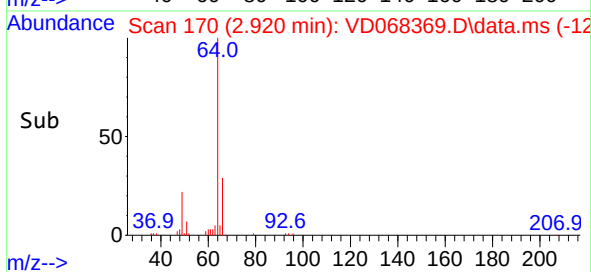
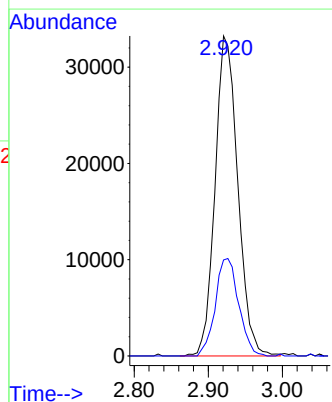
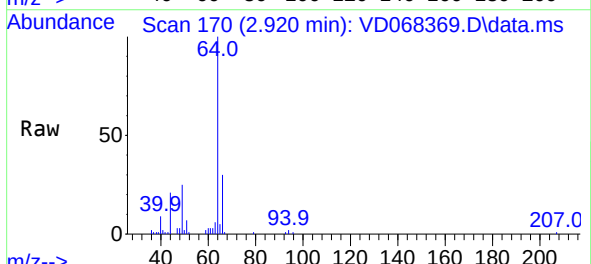
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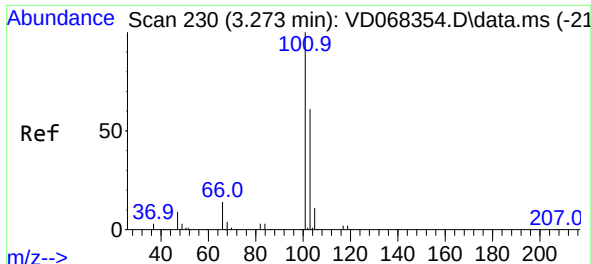
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#6
Chloroethane
Concen: 21.17 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 64 Resp: 70761
Ion Ratio Lower Upper
64 100
66 30.0 25.1 37.7





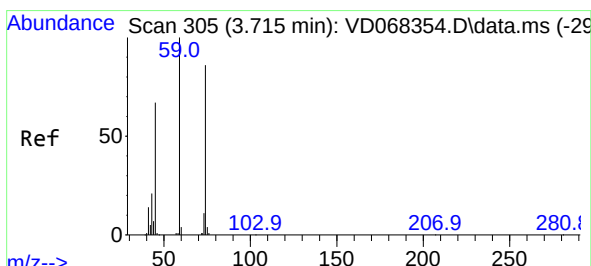
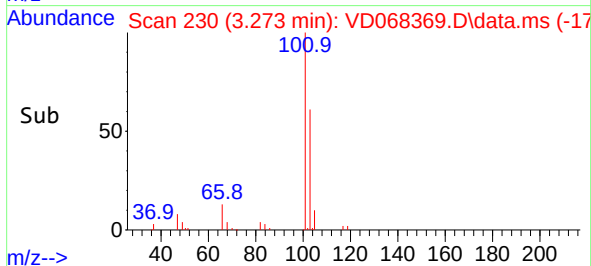
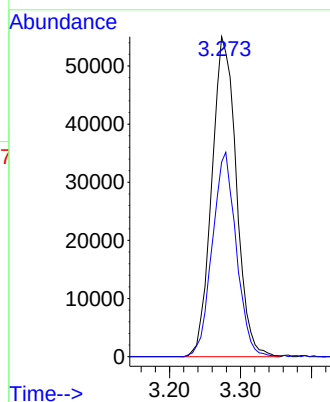
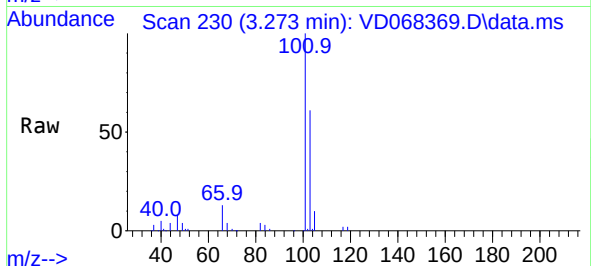
#7
Trichlorofluoromethane
Concen: 20.92 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion:101 Resp: 131762
Ion Ratio Lower Upper
101 100
103 60.8 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

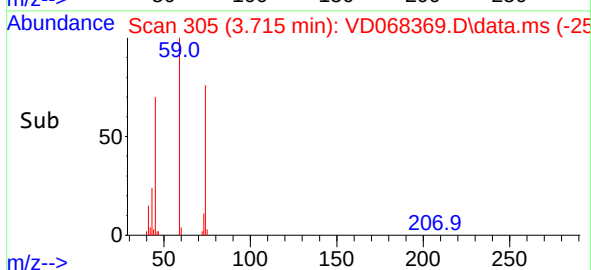
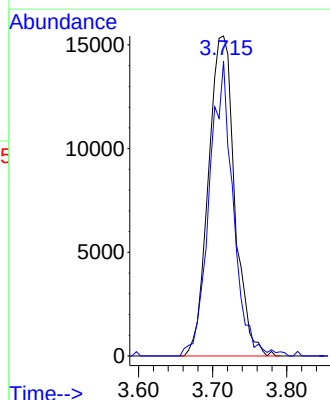
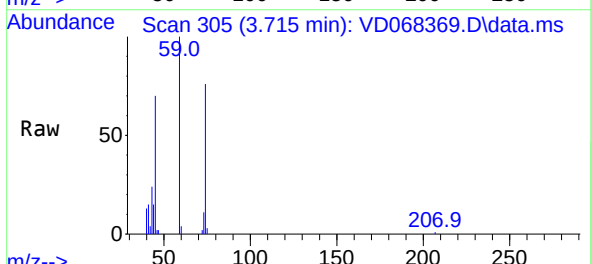
Manual Integrations
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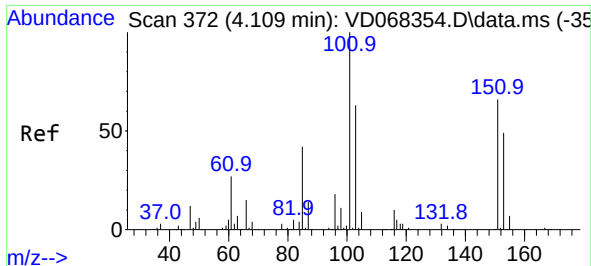
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#8
Diethyl Ether
Concen: 20.59 ug/l
RT: 3.715 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 74 Resp: 38082
Ion Ratio Lower Upper
74 100
45 83.4 42.1 126.4





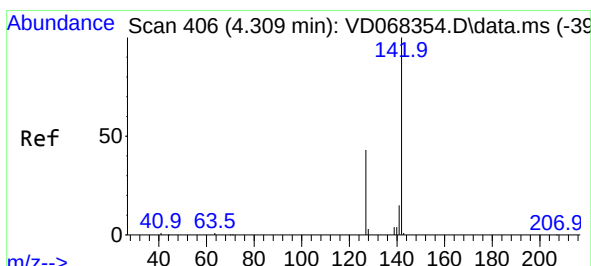
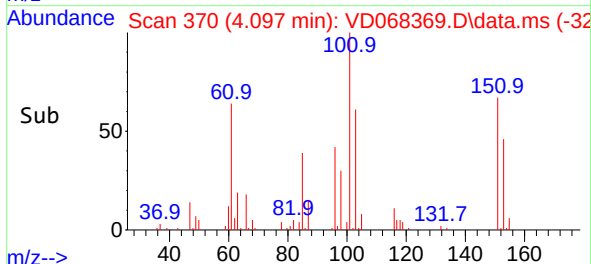
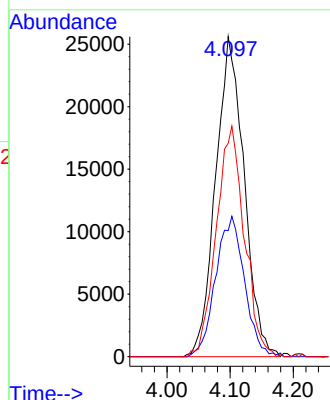
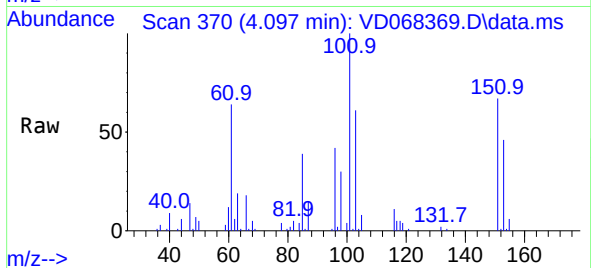
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.90 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.012 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion:101 Resp: 80134
Ion Ratio Lower Upper
101 100
85 44.5 34.0 51.0
151 71.1 64.1 96.1

Instrument :
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ClientSampleId :
VD0216SBS01

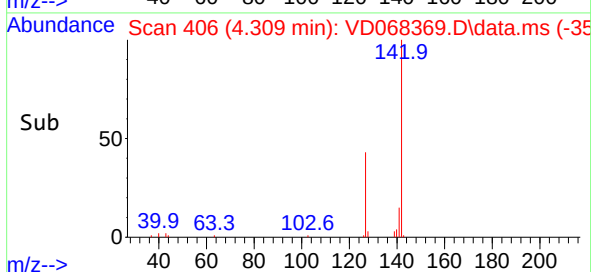
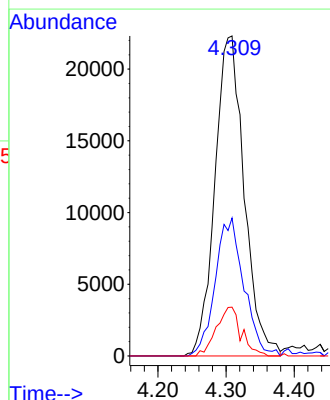
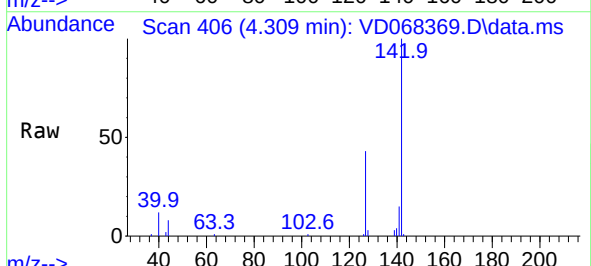
Manual Integrations
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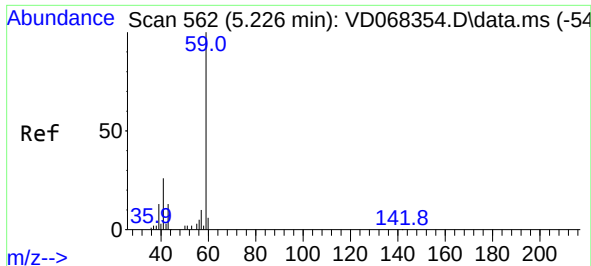
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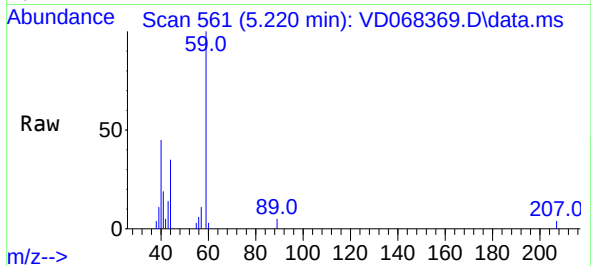
#10
Methyl Iodide
Concen: 18.52 ug/l
RT: 4.309 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion:142 Resp: 66656
Ion Ratio Lower Upper
142 100
127 42.1 37.9 56.9
141 13.0 11.5 17.3

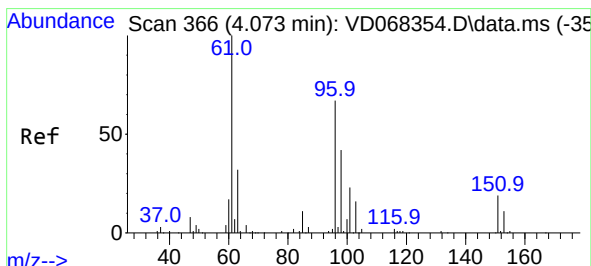
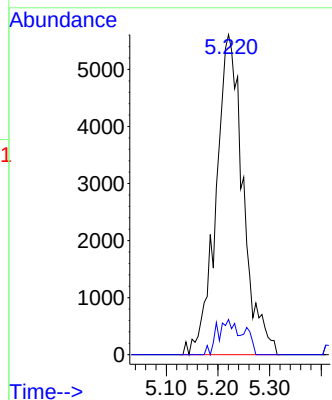
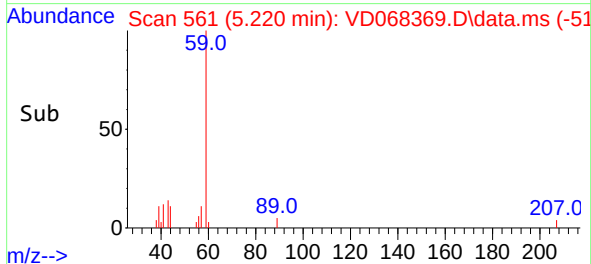




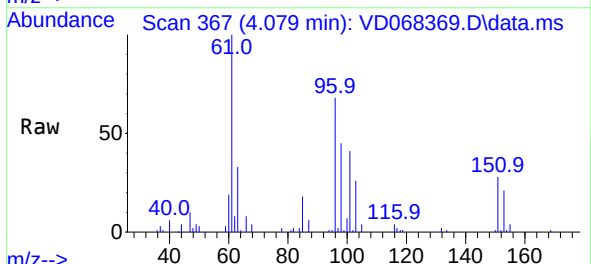
#11
Tert butyl alcohol
Concen: 101.39 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



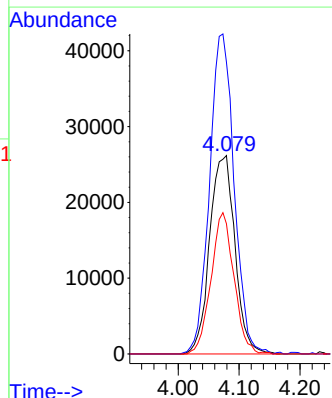
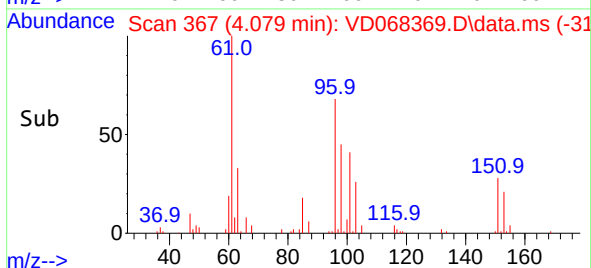
Tgt Ion: 59 Resp: 20364
Ion Ratio Lower Upper
59 100
57 7.9 7.4 11.2



#12
1,1-Dichloroethene
Concen: 20.32 ug/l
RT: 4.079 min Scan# 367
Delta R.T. 0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



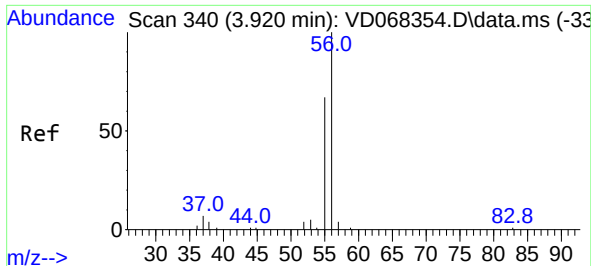
Tgt Ion: 96 Resp: 75718
Ion Ratio Lower Upper
96 100
61 147.1 116.2 174.4
98 65.6 48.6 73.0



Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

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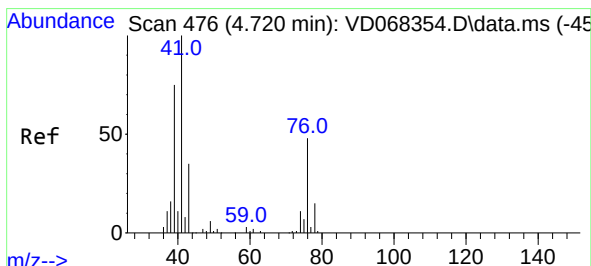
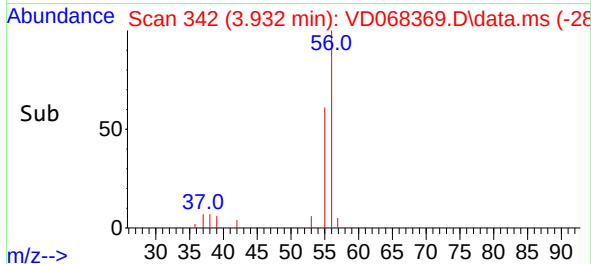
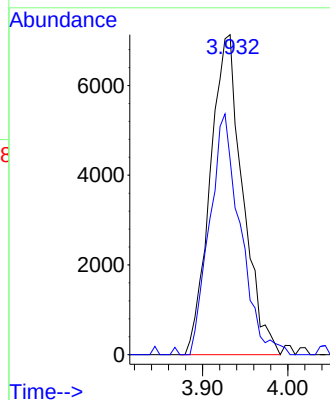
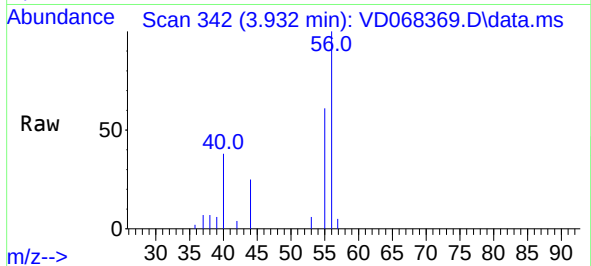
#13
Acrolein
Concen: 82.18 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.012 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 56 Resp: 18873
Ion Ratio Lower Upper
56 100
55 71.2 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

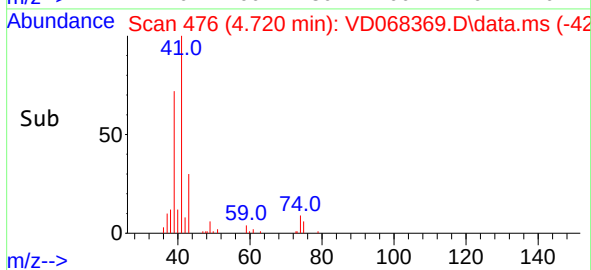
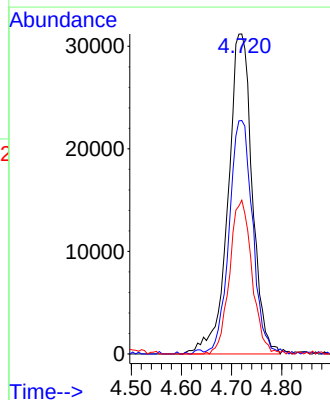
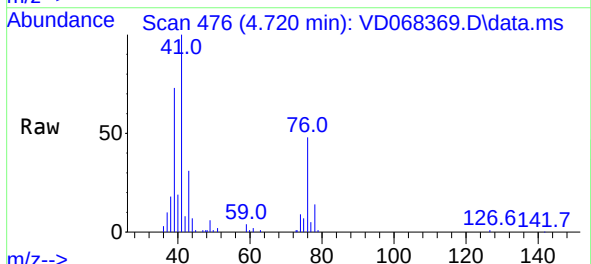
Manual Integrations
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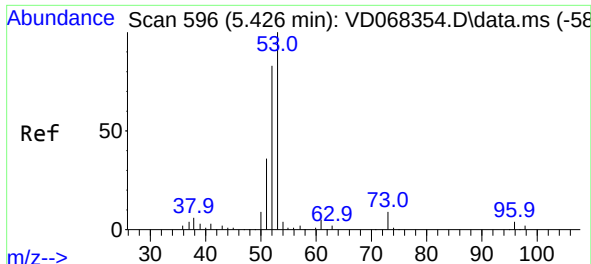
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#14
Allyl chloride
Concen: 21.53 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 41 Resp: 104323
Ion Ratio Lower Upper
41 100
39 71.0 56.3 84.5
76 44.6 38.9 58.3





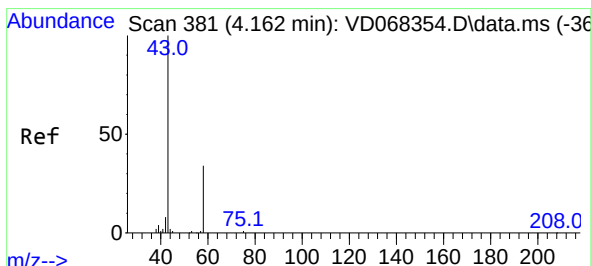
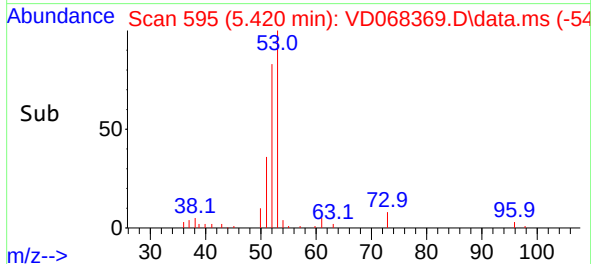
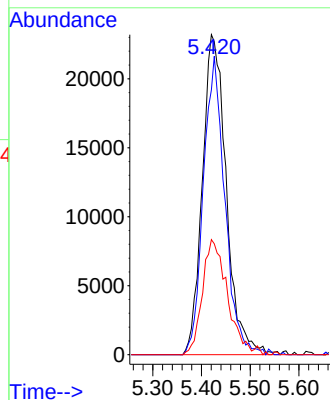
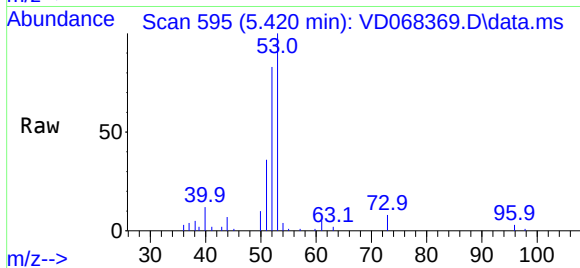
#15
Acrylonitrile
Concen: 98.81 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion:	53	Resp:	78894
Ion	Ratio	Lower	Upper
53	100		
52	84.1	66.2	99.2
51	37.3	29.0	43.4

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

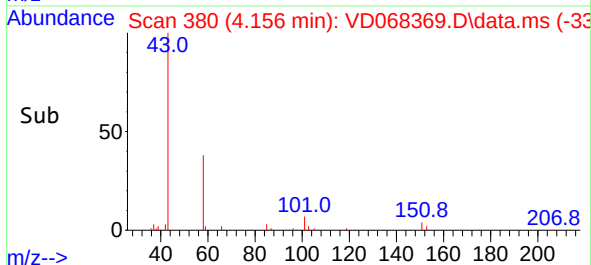
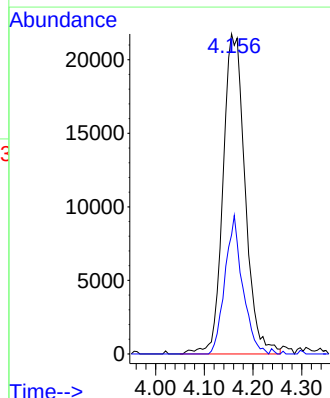
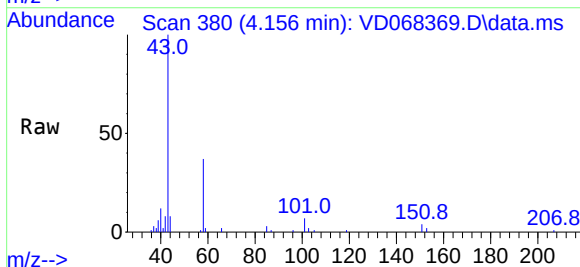
Manual Integrations
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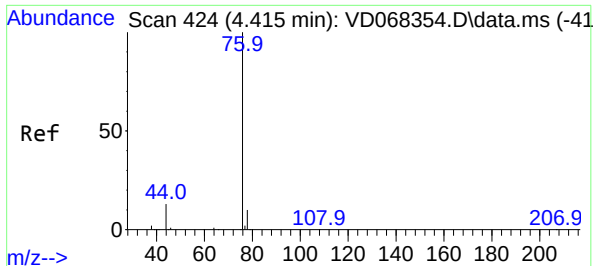
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#16
Acetone
Concen: 110.89 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

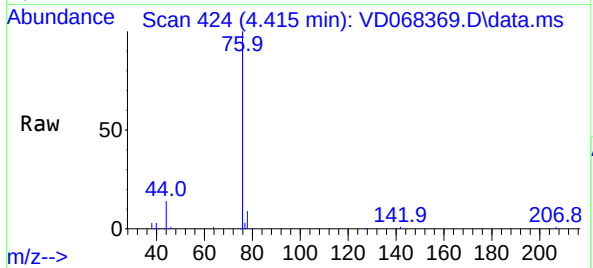
Tgt Ion:	43	Resp:	68537
Ion	Ratio	Lower	Upper
43	100		
58	37.2	24.2	36.4#



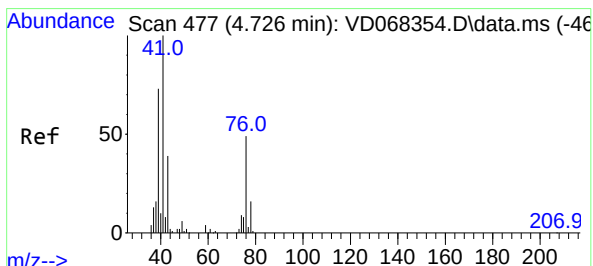
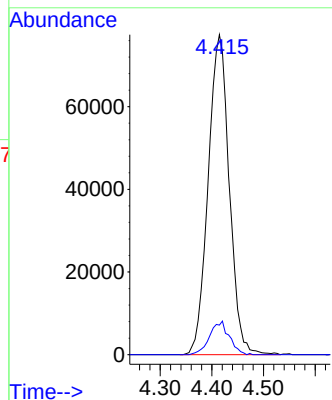
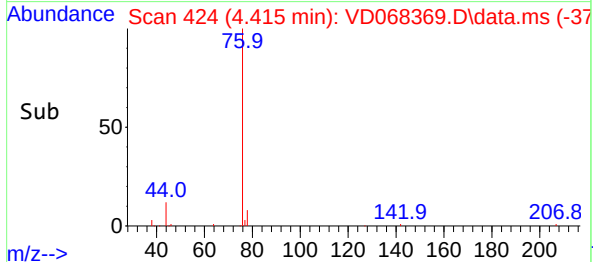


#17
Carbon Disulfide
Concen: 20.35 ug/l
RT: 4.415 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

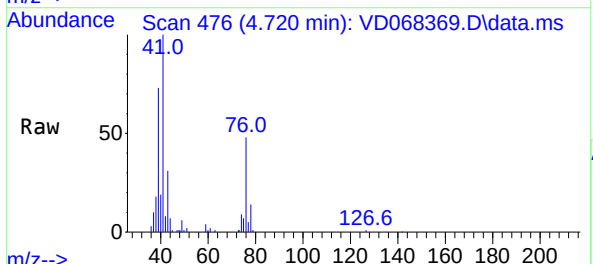
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



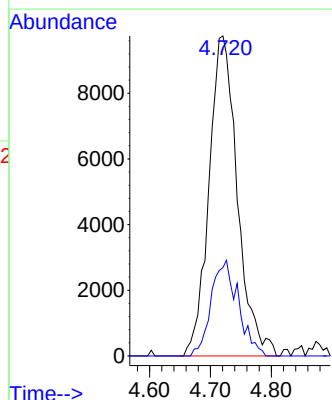
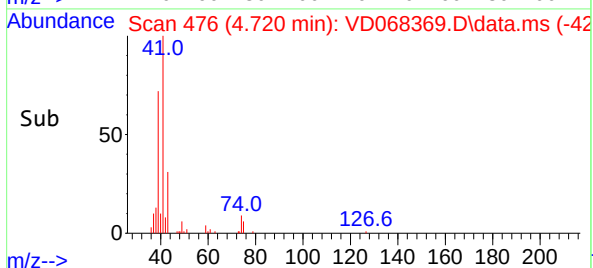
Tgt Ion: 76 Resp: 219657
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

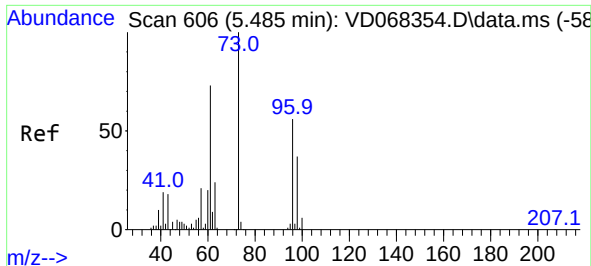


#18
Methyl Acetate
Concen: 18.61 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



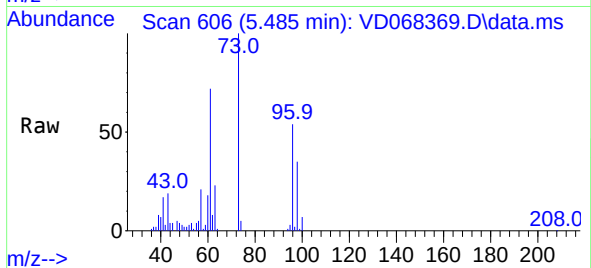
Tgt Ion: 43 Resp: 31574
Ion Ratio Lower Upper
43 100
74 28.6 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 19.67 ug/l
RT: 5.485 min Scan# 606
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

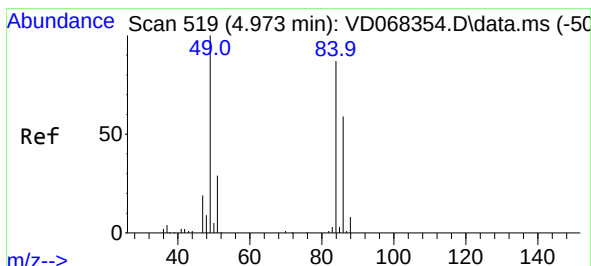
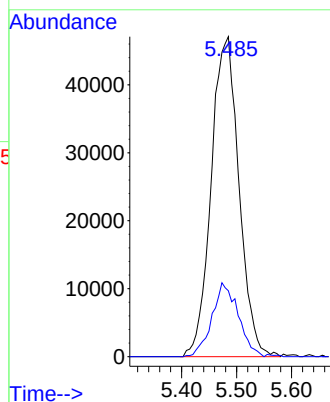
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



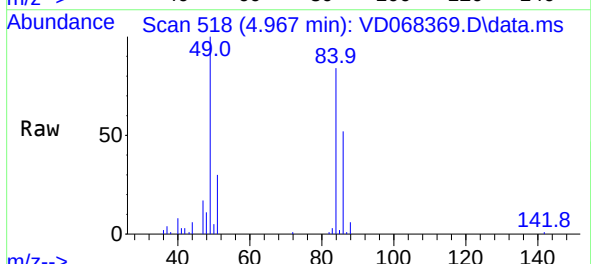
Tgt Ion: 73 Resp: 165428
Ion Ratio Lower Upper
73 100
57 20.6 14.4 21.6

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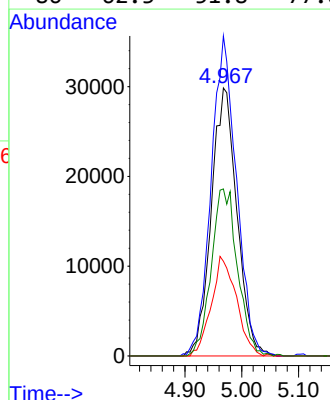
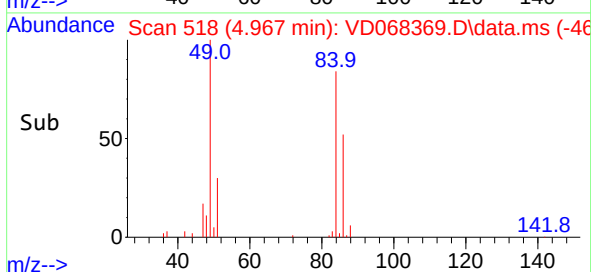
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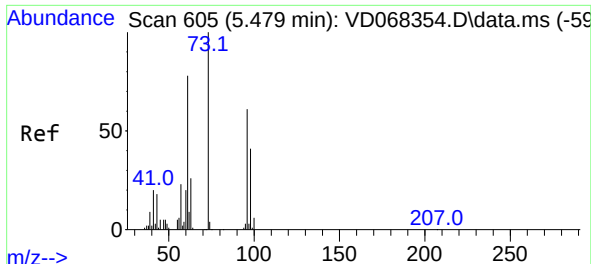


#20
Methylene Chloride
Concen: 20.01 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



Tgt Ion: 84 Resp: 93775
Ion Ratio Lower Upper
84 100
49 119.4 77.4 116.2#
51 35.4 26.1 39.1
86 62.3 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 20.57 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

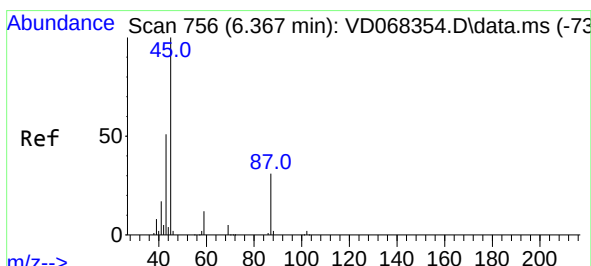
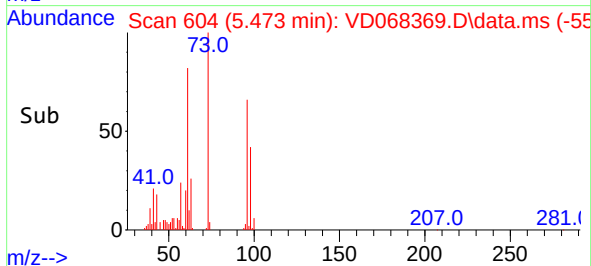
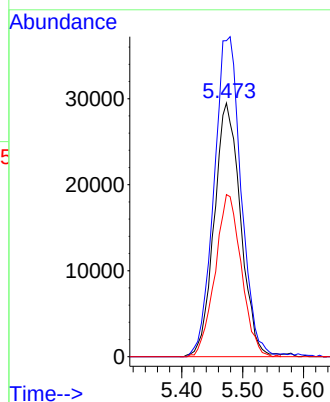
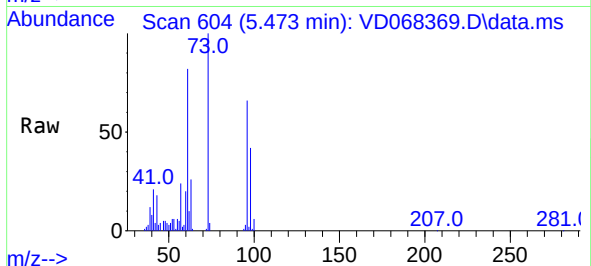
Tgt Ion: 96 Resp: 88709

Ion	Ratio	Lower	Upper
96	100		
61	124.6	96.7	145.1
98	63.9	47.6	71.4

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

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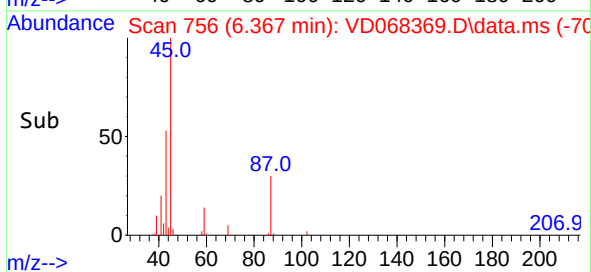
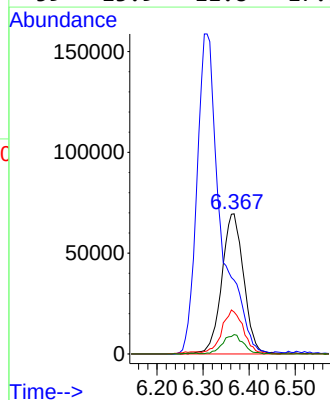
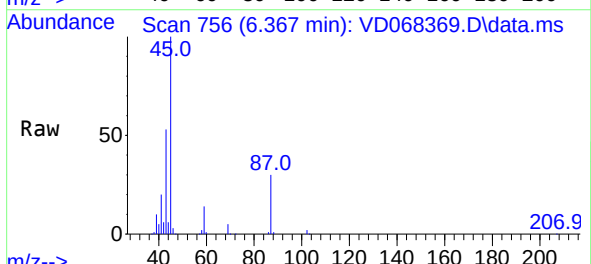
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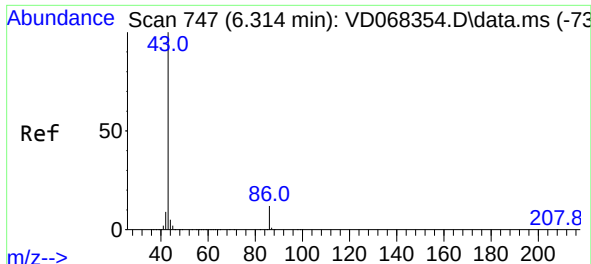


#22
Diisopropyl ether
Concen: 21.34 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 45 Resp: 228853

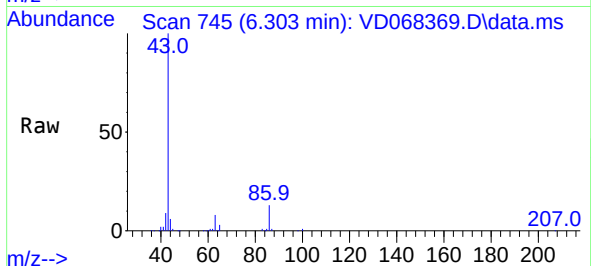
Ion	Ratio	Lower	Upper
45	100		
43	51.5	43.9	65.9
87	30.0	29.9	44.9
59	13.9	11.8	17.8





#23
Vinyl Acetate
Concen: 103.14 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.012 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

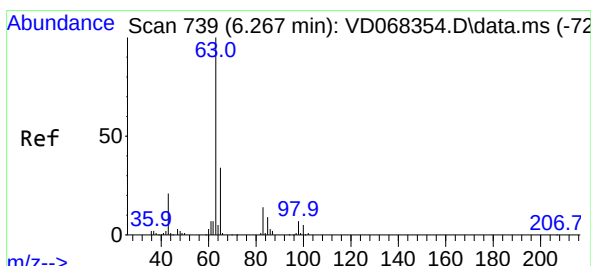
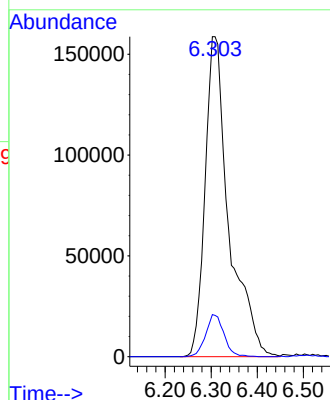
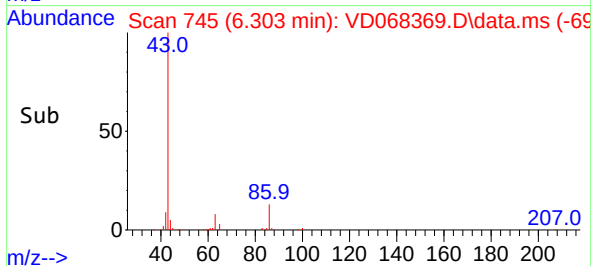
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



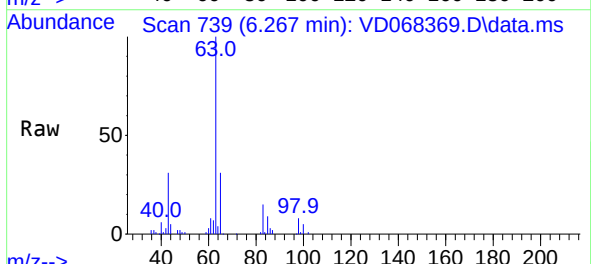
Tgt Ion: 43 Resp: 571048
Ion Ratio Lower Upper
43 100
86 13.1 10.8 16.2

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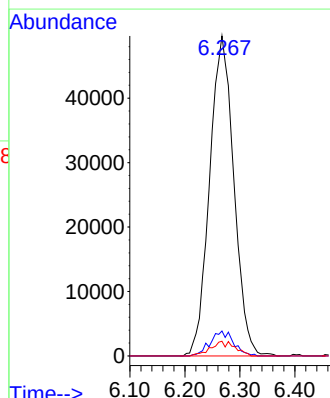
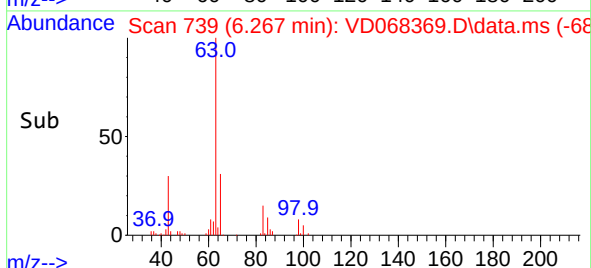
MMDadoda
2/17/2021 12:28:20 PM

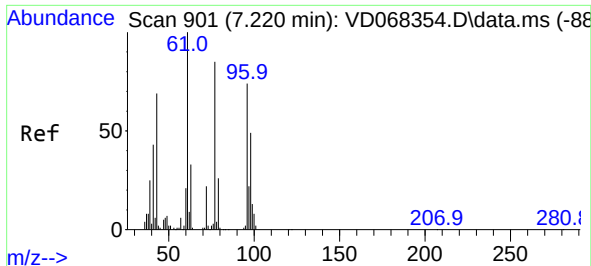


#24
1,1-Dichloroethane
Concen: 20.76 ug/l
RT: 6.267 min Scan# 739
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



Tgt Ion: 63 Resp: 152307
Ion Ratio Lower Upper
63 100
98 7.8 3.8 11.4
100 4.6 2.6 8.0





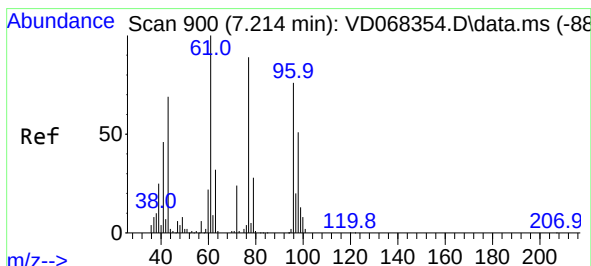
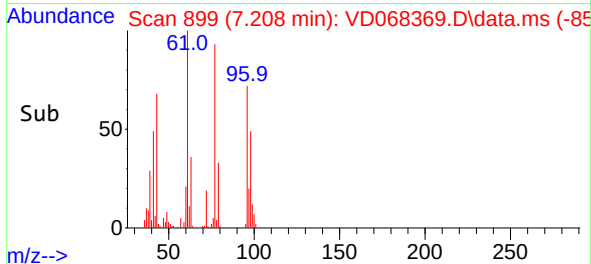
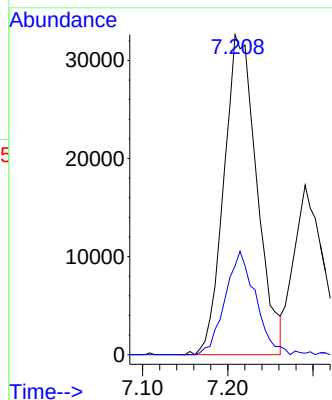
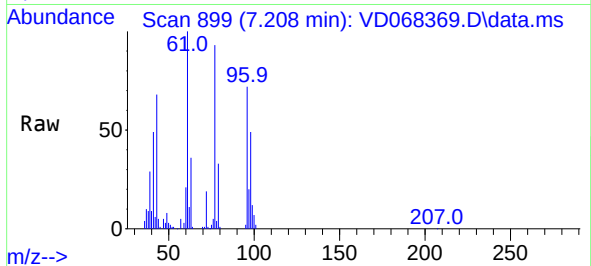
#25
2-Butanone
Concen: 101.34 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 43 Resp: 87576
Ion Ratio Lower Upper
43 100
72 27.8 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

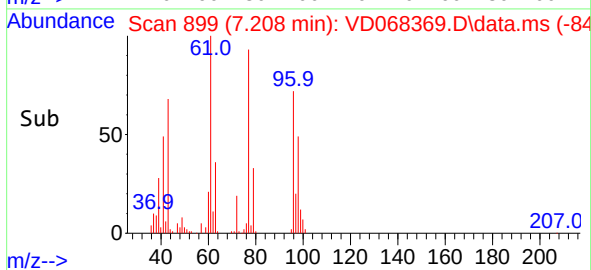
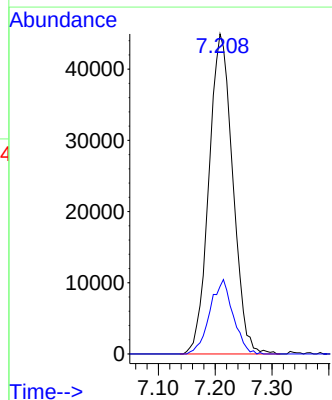
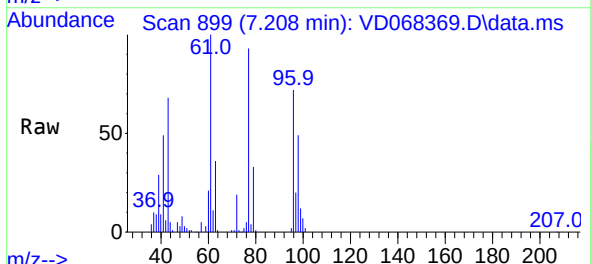
Manual Integrations
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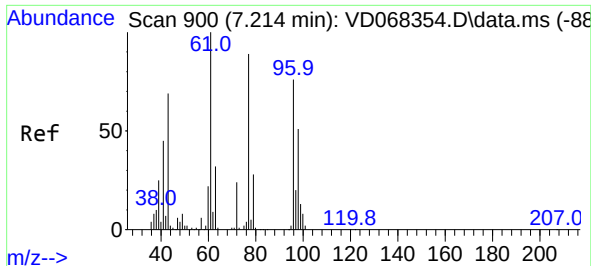
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#26
2,2-Dichloropropane
Concen: 20.90 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

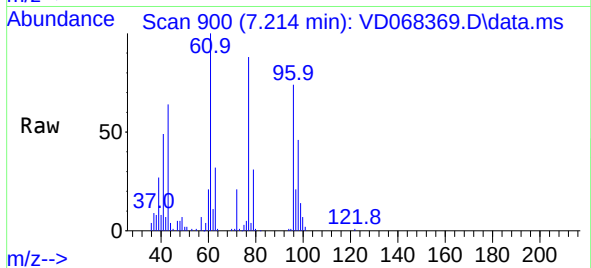
Tgt Ion: 77 Resp: 131141
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 20.07 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

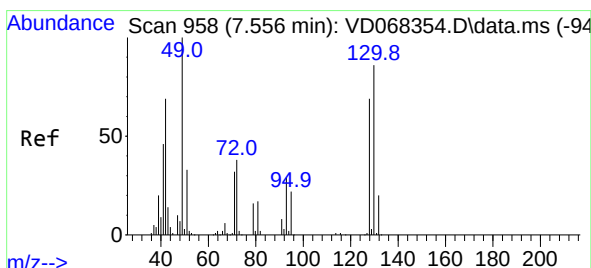
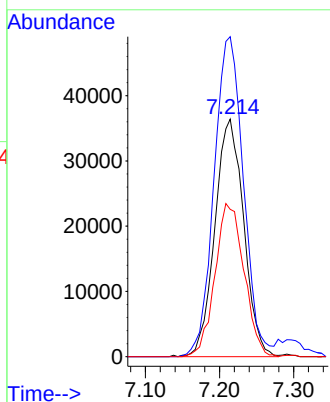
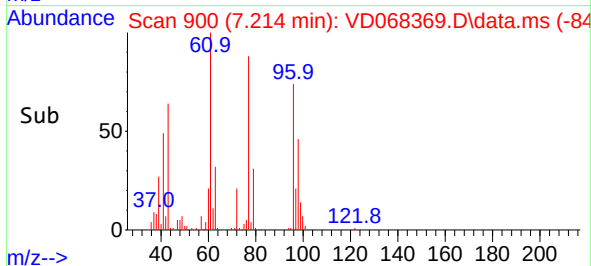
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



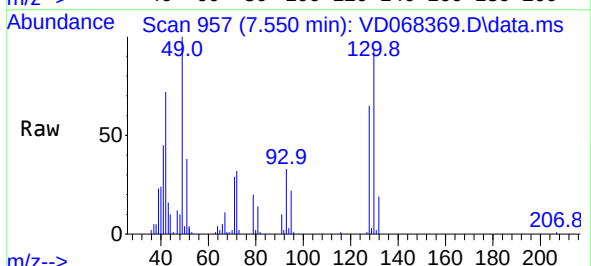
Tgt Ion: 96 Resp: 98383
Ion Ratio Lower Upper
96 100
61 137.3 0.0 257.4
98 64.8 0.0 126.6

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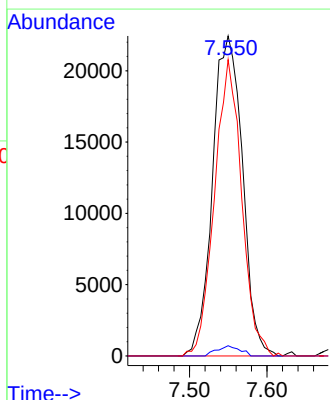
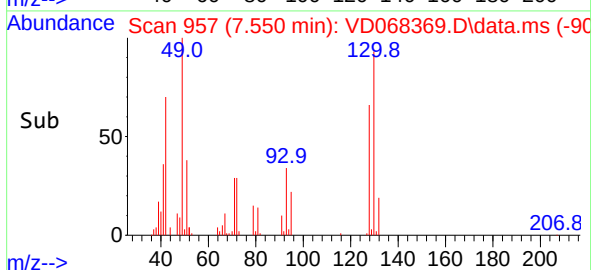
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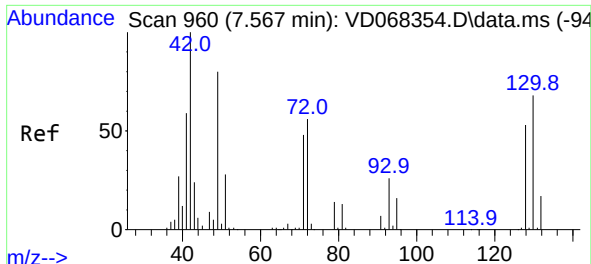


#28
Bromochloromethane
Concen: 19.79 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



Tgt Ion: 49 Resp: 60225
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 83.8 85.5 128.3#





#29

Tetrahydrofuran

Concen: 101.52 ug/l

RT: 7.567 min Scan# 960

Delta R.T. -0.000 min

Lab File: VD068369.D

Acq: 16 Feb 2021 11:30

Tgt Ion: 42 Resp: 56748

Ion Ratio Lower Upper

42 100

72 48.9 43.4 65.0

71 48.7 40.8 61.2

Instrument :

MSVOA_D

ClientSampleId :

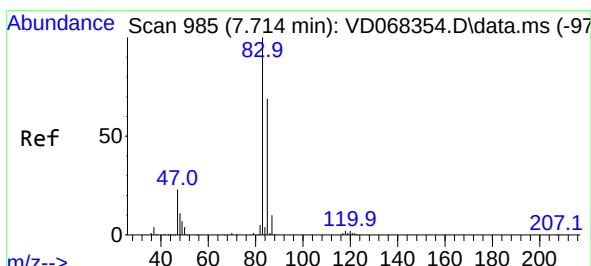
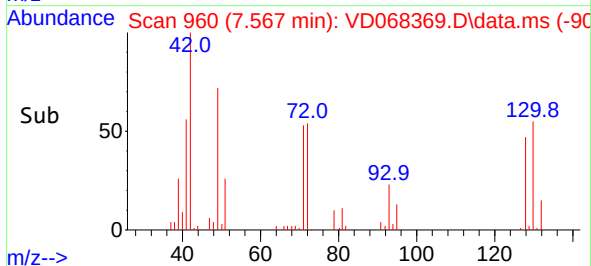
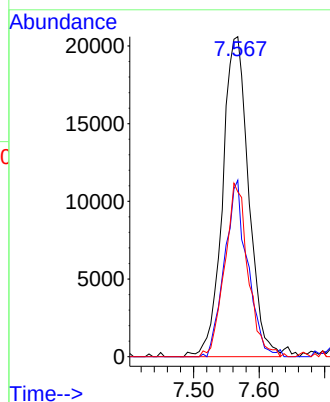
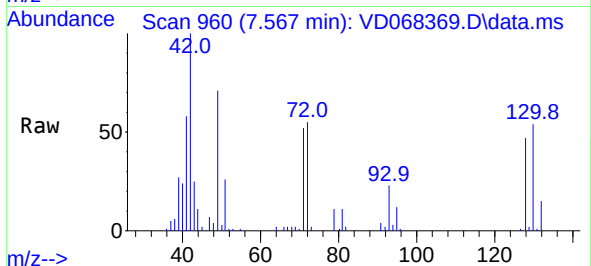
VD0216SBS01

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#30

Chloroform

Concen: 20.38 ug/l

RT: 7.714 min Scan# 985

Delta R.T. -0.000 min

Lab File: VD068369.D

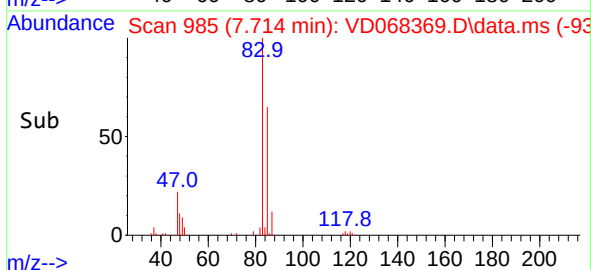
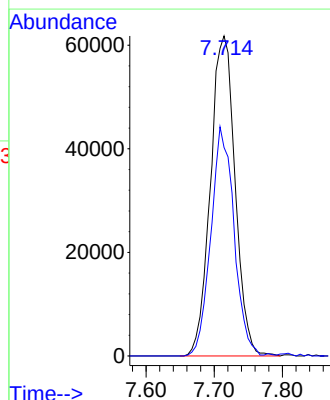
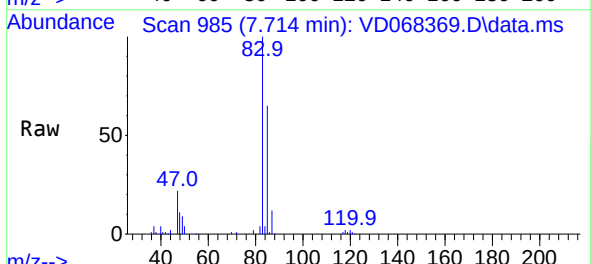
Acq: 16 Feb 2021 11:30

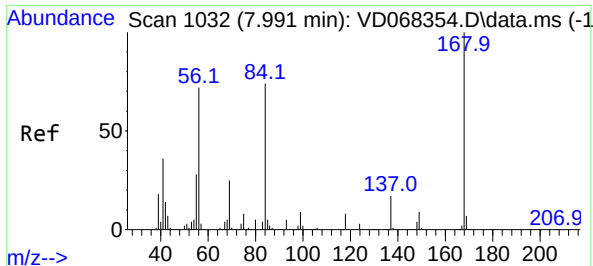
Tgt Ion: 83 Resp: 155504

Ion Ratio Lower Upper

83 100

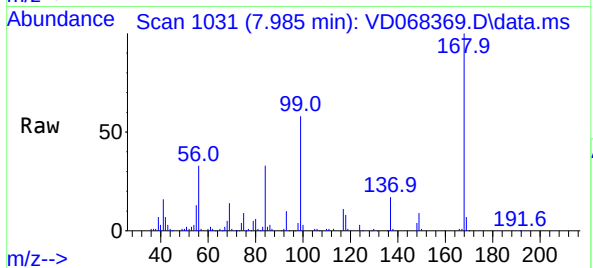
85 65.1 53.4 80.0





#31
Cyclohexane
Concen: 22.16 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

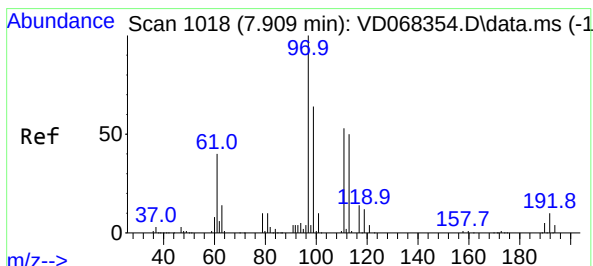
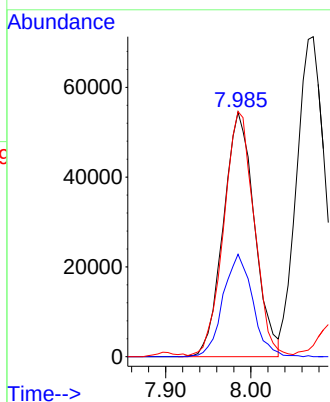
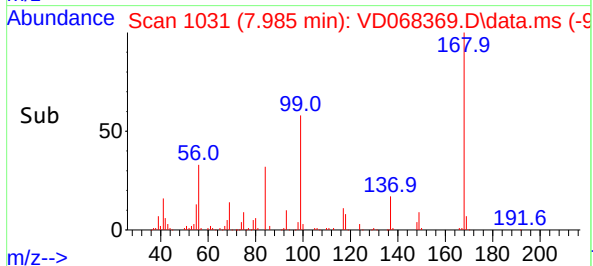
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



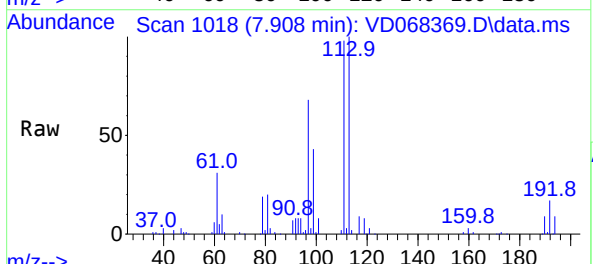
Tgt Ion: 56 Resp: 138305
Ion Ratio Lower Upper
56 100
69 41.6 30.1 45.1
84 99.4 82.1 123.1

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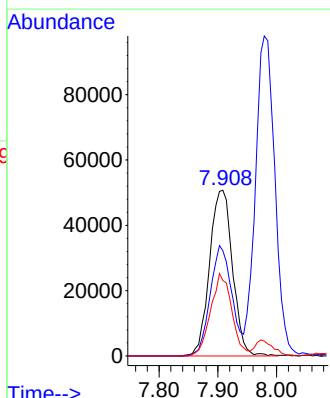
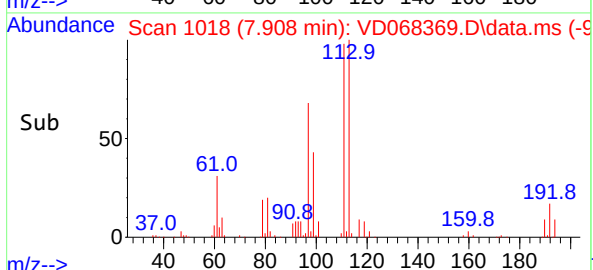
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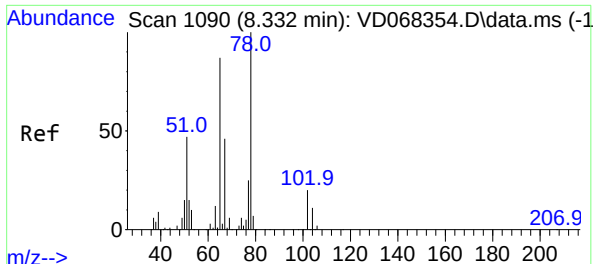


#32
1,1,1-Trichloroethane
Concen: 20.92 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



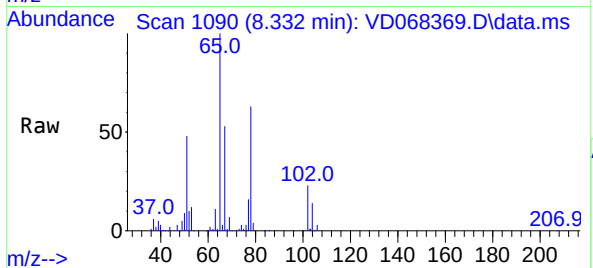
Tgt Ion: 97 Resp: 137924
Ion Ratio Lower Upper
97 100
99 63.4 52.1 78.1
61 45.4 30.1 45.1#





#33
1,2-Dichloroethane-d4
Concen: 52.04 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

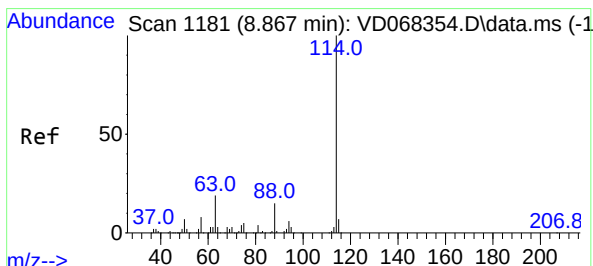
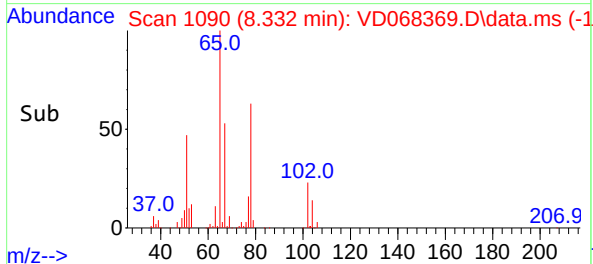
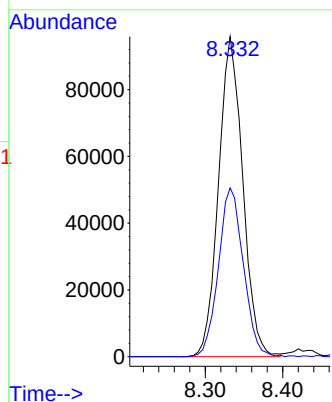
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



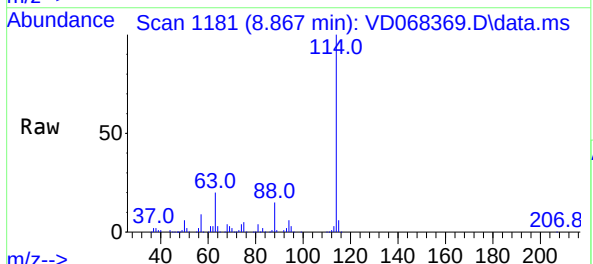
Tgt Ion: 65 Resp: 208460
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.0

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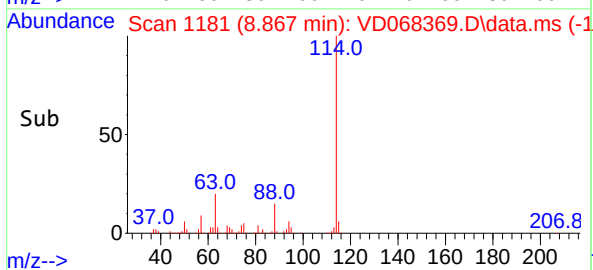
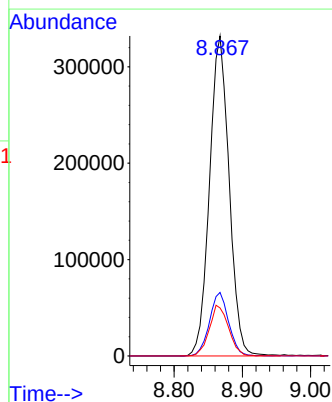
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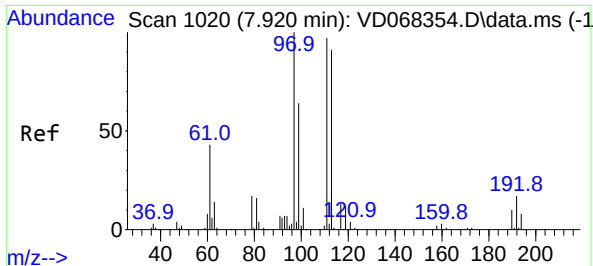


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



Tgt Ion: 114 Resp: 664281
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.8
88 15.0 0.0 31.6





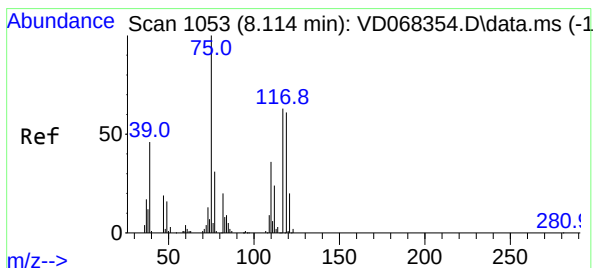
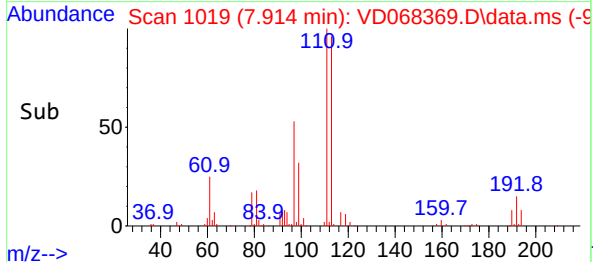
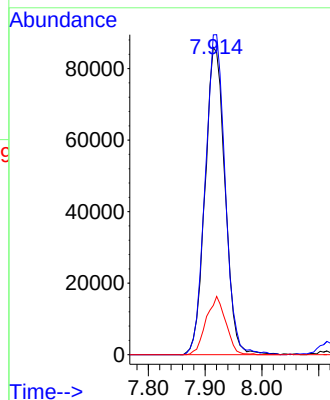
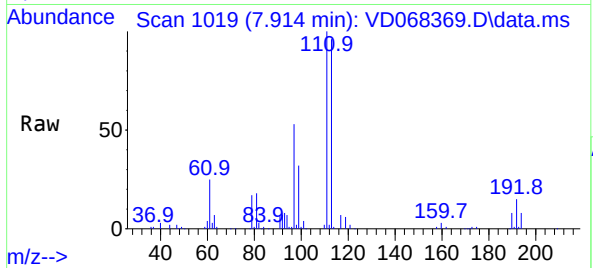
#35
Dibromofluoromethane
Concen: 53.18 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 113 Resp: 209683
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.7 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

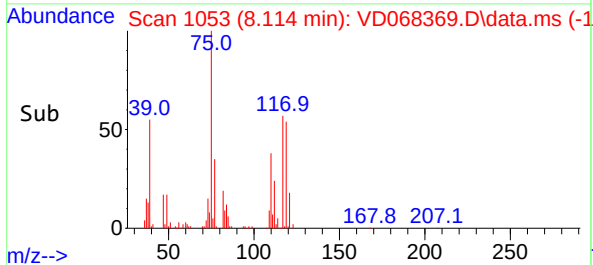
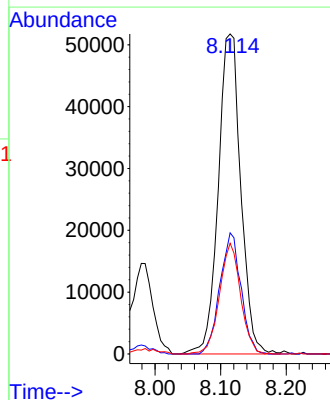
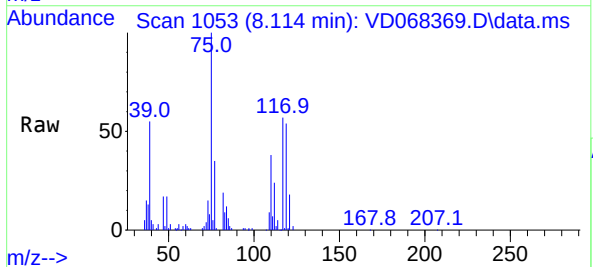
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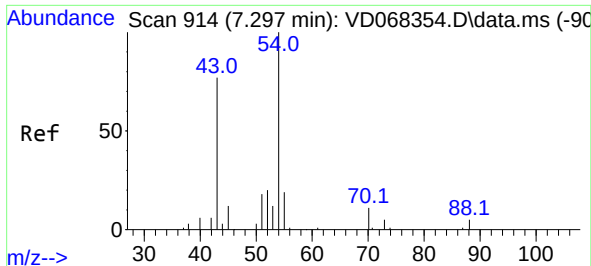
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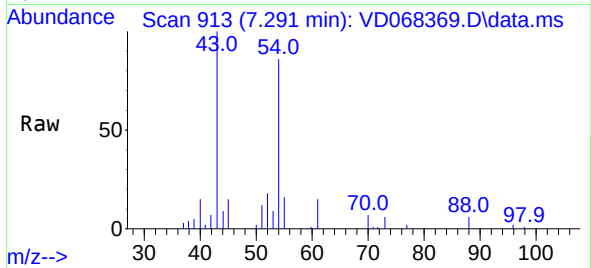
#36
1,1-Dichloropropene
Concen: 20.99 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 75 Resp: 123323
Ion Ratio Lower Upper
75 100
110 35.4 19.4 58.2
77 32.3 25.3 37.9

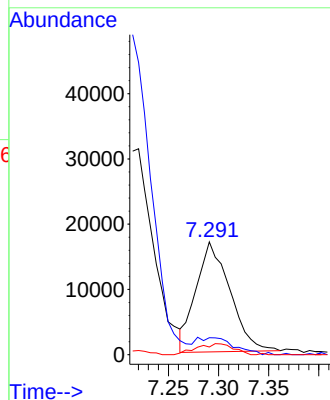
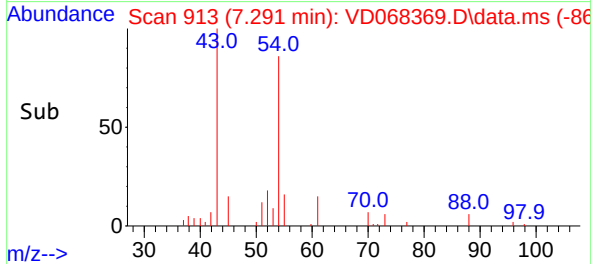




#37
Ethyl Acetate
Concen: 20.03 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



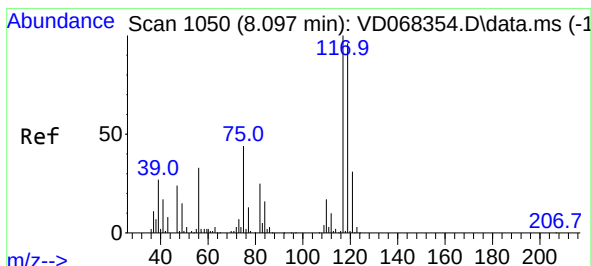
Tgt Ion: 43 Resp: 39779
Ion Ratio Lower Upper
43 100
61 16.9 12.9 19.3
70 10.8 11.0 16.6#



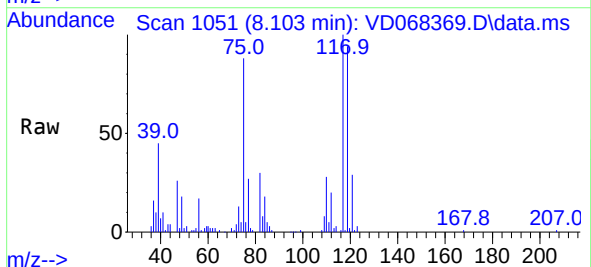
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

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APPROVED

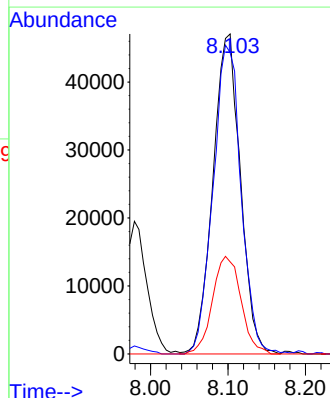
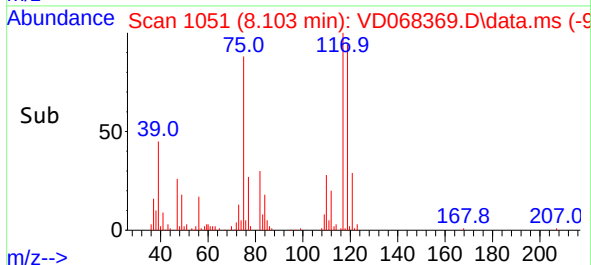
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2/17/2021 12:28:20 PM

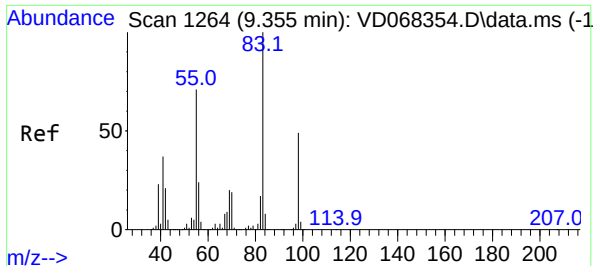


#38
Carbon Tetrachloride
Concen: 20.69 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



Tgt Ion: 117 Resp: 115984
Ion Ratio Lower Upper
117 100
119 94.2 77.3 115.9
121 28.8 24.7 37.1





#39

Methylcyclohexane

Concen: 21.43 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068369.D

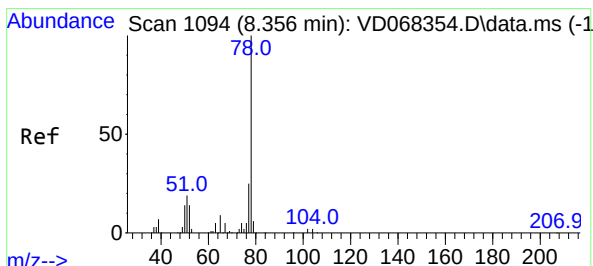
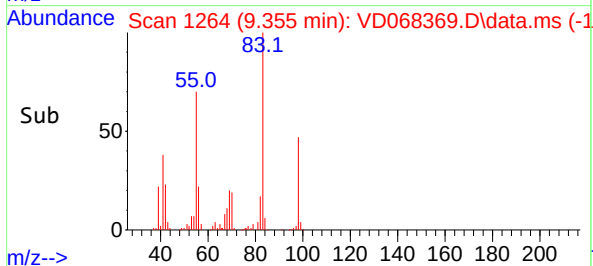
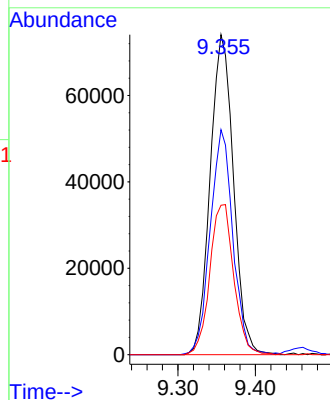
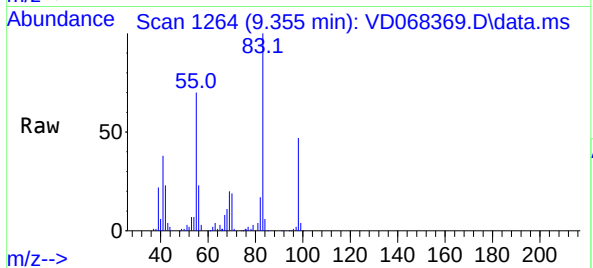
Acq: 16 Feb 2021 11:30

Tgt Ion:	83	Resp:	154471
Ion	Ratio	Lower	Upper
83	100		
55	70.3	55.2	82.8
98	46.7	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

Manual Integrations
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#40

Benzene

Concen: 21.24 ug/l

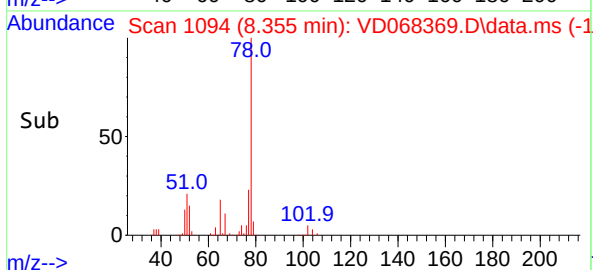
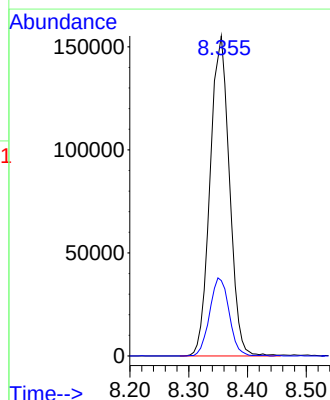
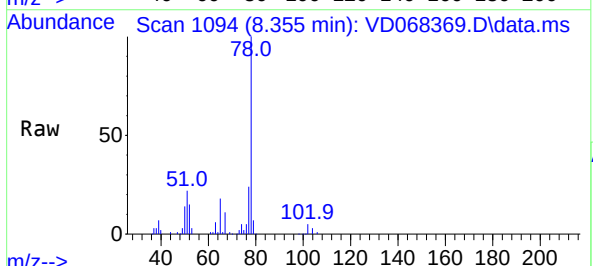
RT: 8.355 min Scan# 1094

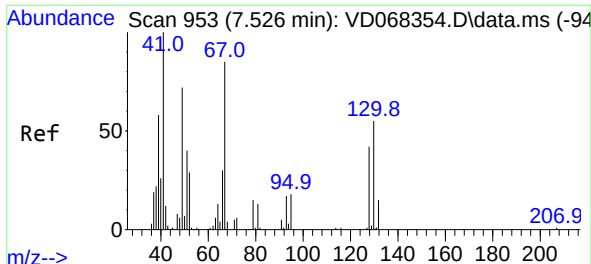
Delta R.T. -0.000 min

Lab File: VD068369.D

Acq: 16 Feb 2021 11:30

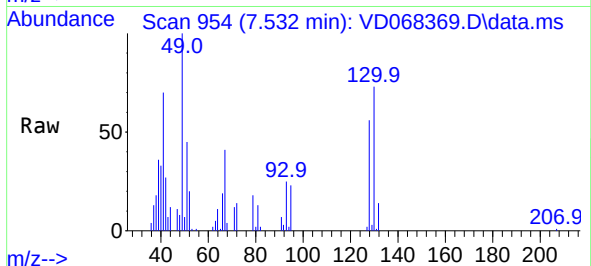
Tgt Ion:	78	Resp:	356007
Ion	Ratio	Lower	Upper
78	100		
77	23.6	17.8	26.6





#41
Methacrylonitrile
Concen: 20.69 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

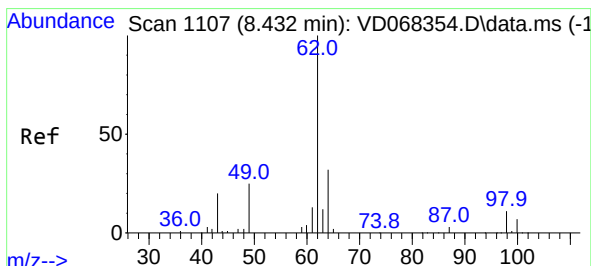
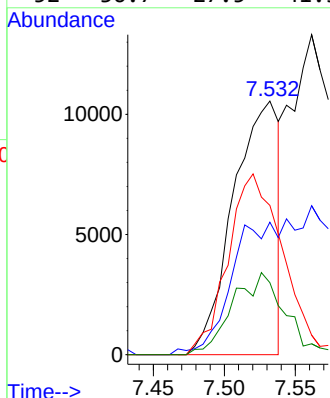
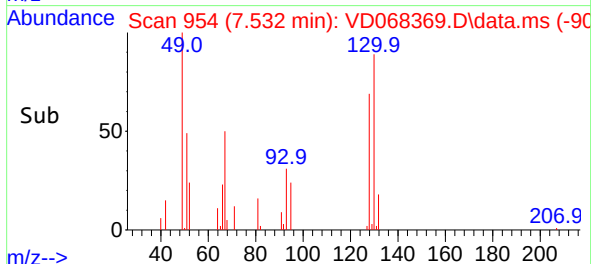
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



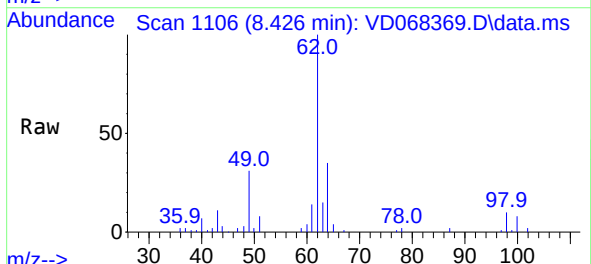
Tgt Ion: 41 Resp: 23655
Ion Ratio Lower Upper
41 100
39 38.1 45.2 67.8#
67 85.2 67.4 101.2
52 36.7 27.5 41.3

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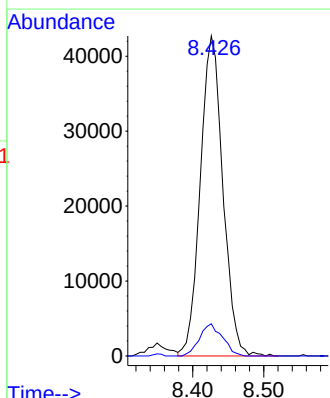
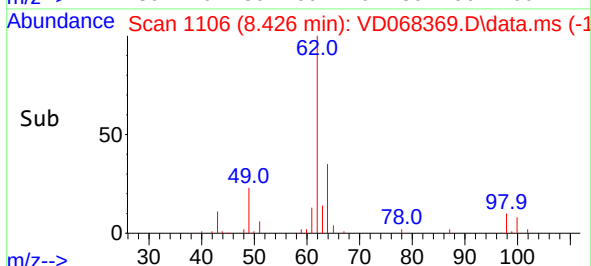
MMDadoda
2/17/2021 12:28:20 PM

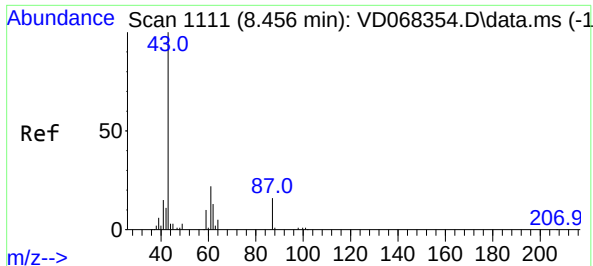


#42
1,2-Dichloroethane
Concen: 21.13 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



Tgt Ion: 62 Resp: 94457
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.8





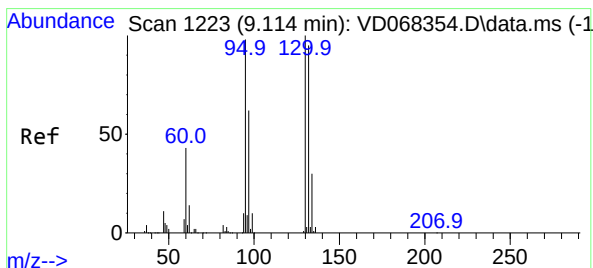
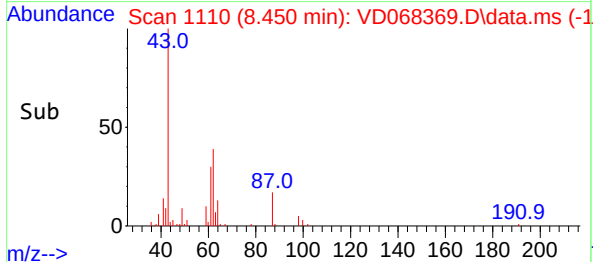
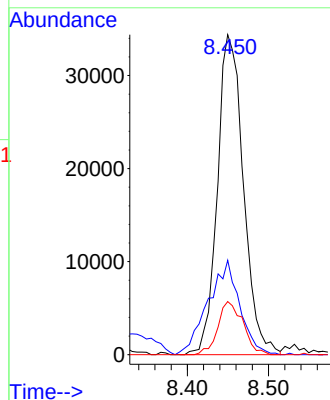
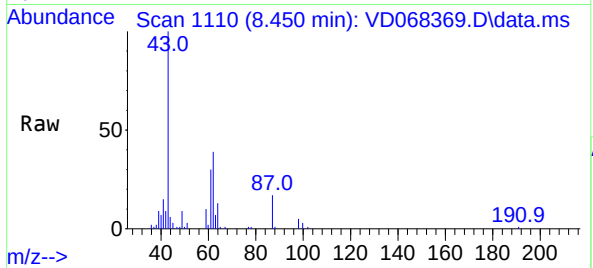
#43
Isopropyl Acetate
Concen: 20.18 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 43 Resp: 76756
Ion Ratio Lower Upper
43 100
61 35.8 28.7 43.1
87 16.1 13.9 20.9

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

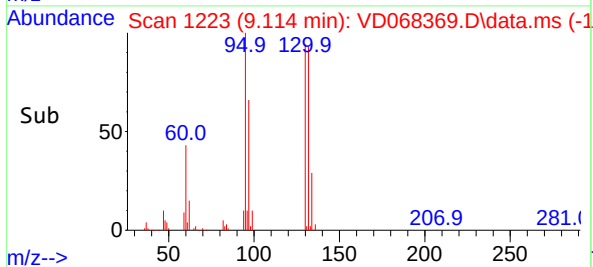
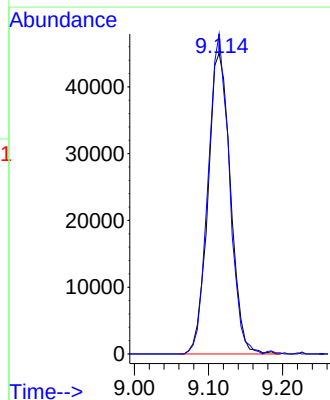
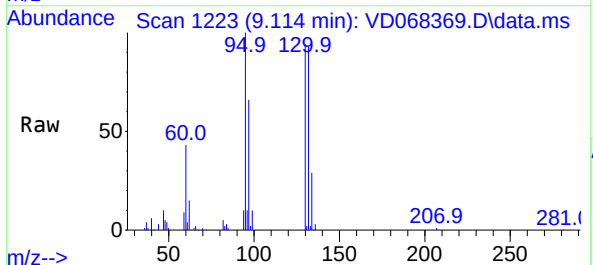
Manual Integrations
APPROVED

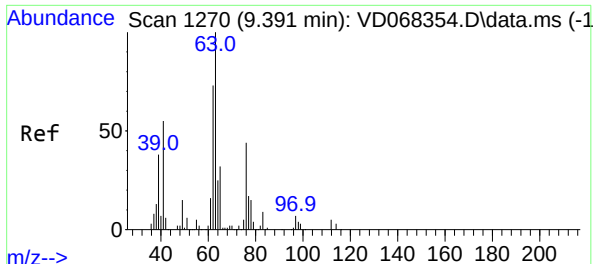
MMDadoda
2/17/2021 12:28:20 PM



#44
Trichloroethene
Concen: 20.84 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion:130 Resp: 95086
Ion Ratio Lower Upper
130 100
95 106.4 0.0 191.2





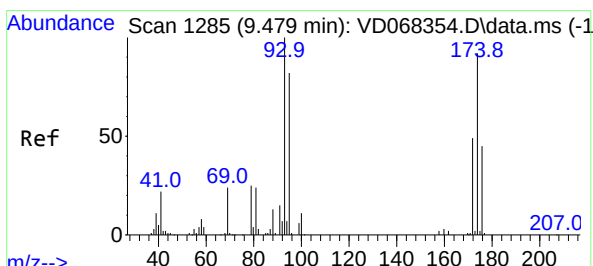
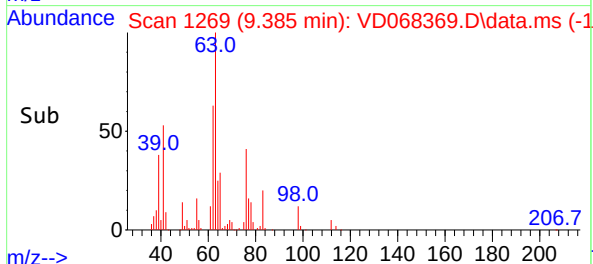
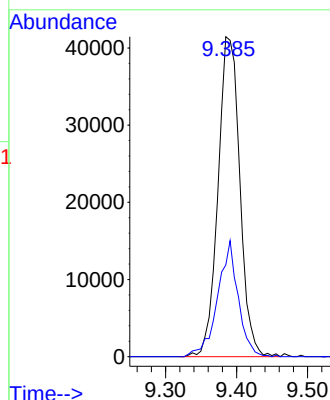
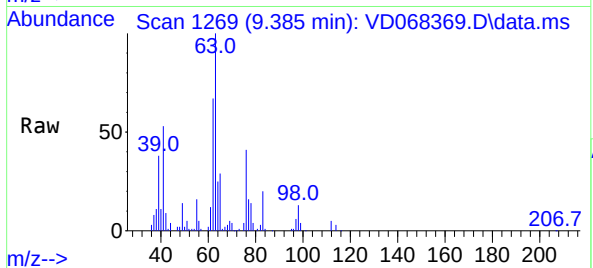
#45
1,2-Dichloropropane
Concen: 21.61 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 63 Resp: 88397
Ion Ratio Lower Upper
63 100
65 28.7 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

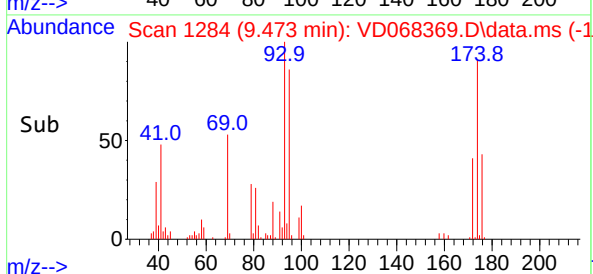
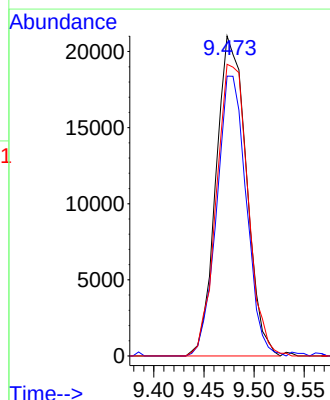
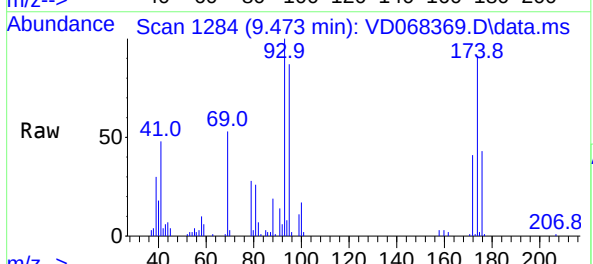
Manual Integrations
APPROVED

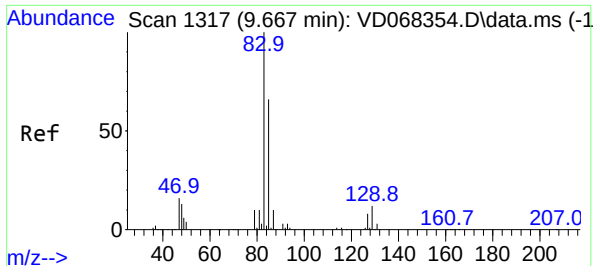
MMDadoda
2/17/2021 12:28:20 PM



#46
Dibromomethane
Concen: 19.91 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

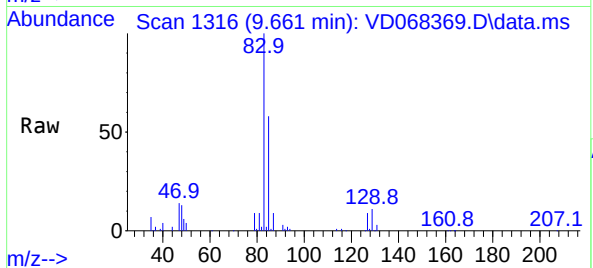
Tgt Ion: 93 Resp: 44170
Ion Ratio Lower Upper
93 100
95 85.3 67.3 100.9
174 94.8 84.6 127.0





#47
Bromodichloromethane
Concen: 21.58 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

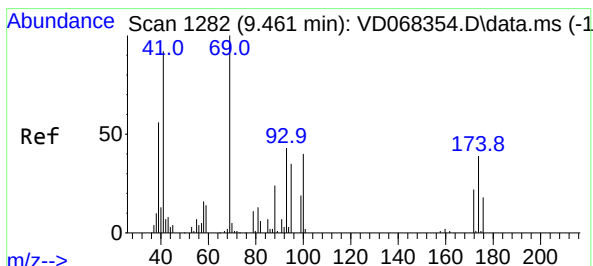
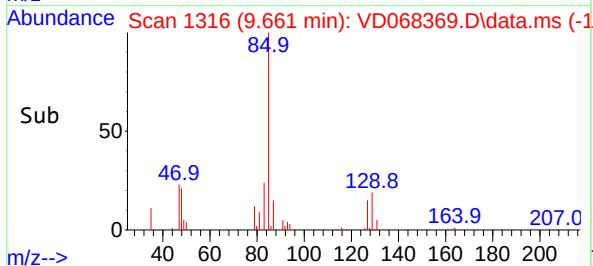
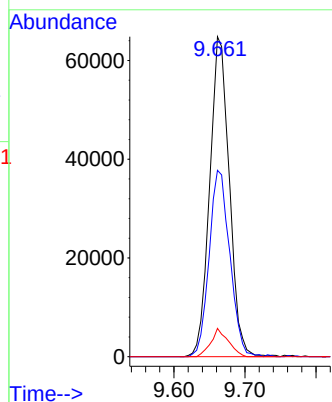
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



Tgt Ion: 83 Resp: 124124
Ion Ratio Lower Upper
83 100
85 58.2 51.6 77.4
127 8.9 7.4 11.0

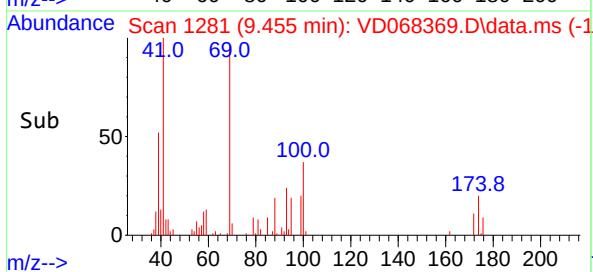
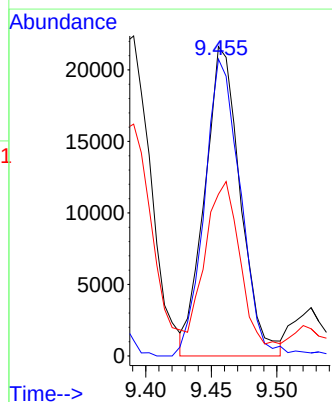
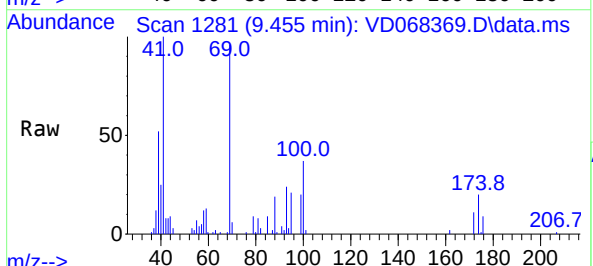
Manual Integrations
APPROVED

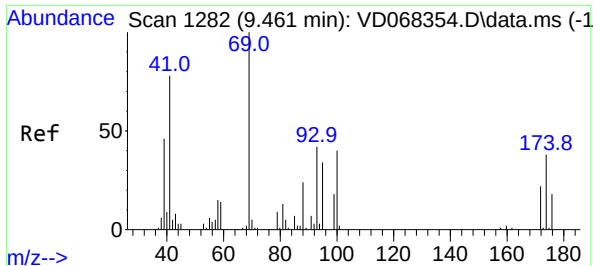
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2/17/2021 12:28:20 PM



#48
Methyl methacrylate
Concen: 21.59 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 41 Resp: 40966
Ion Ratio Lower Upper
41 100
69 97.2 77.1 115.7
39 48.9 41.5 62.3





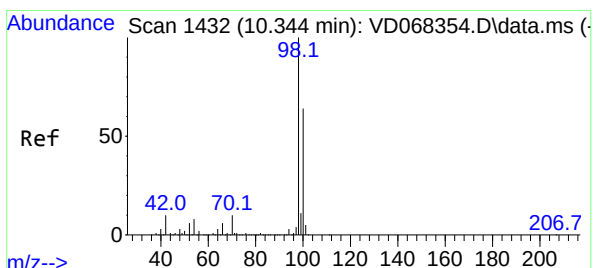
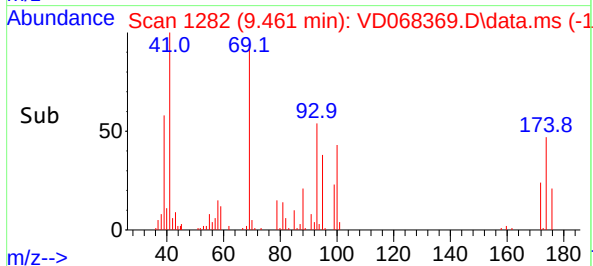
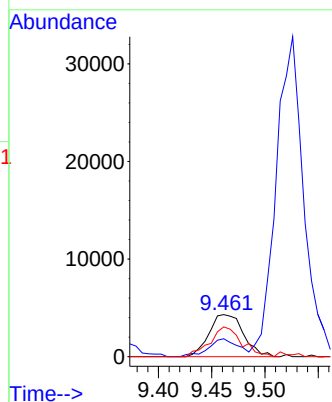
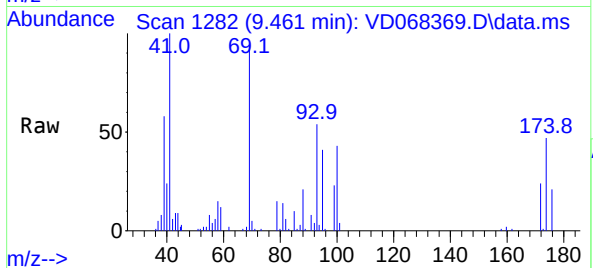
#49
1,4-Dioxane
Concen: 372.98 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 88 Resp: 9669
Ion Ratio Lower Upper
88 100
43 36.7 22.1 33.1#
58 65.0 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

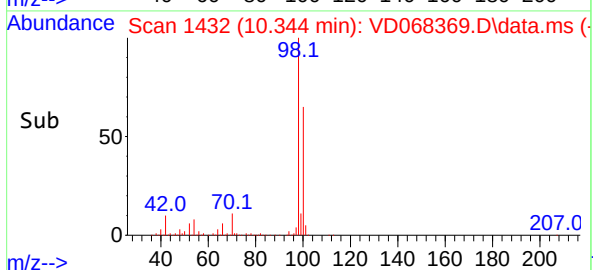
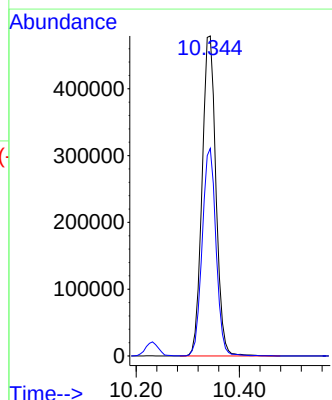
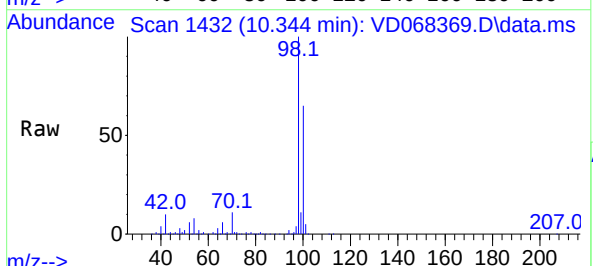
Manual Integrations
APPROVED

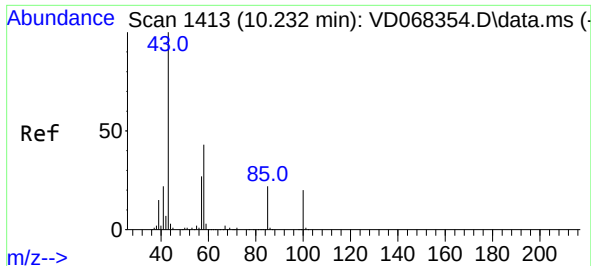
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#50
Toluene-d8
Concen: 54.39 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 98 Resp: 888864
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4





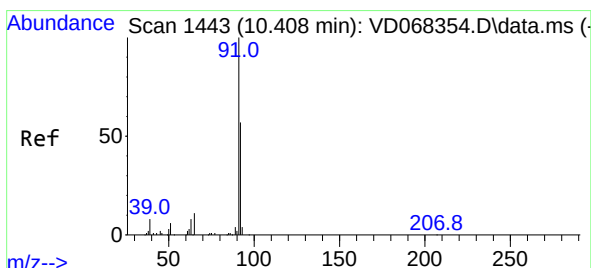
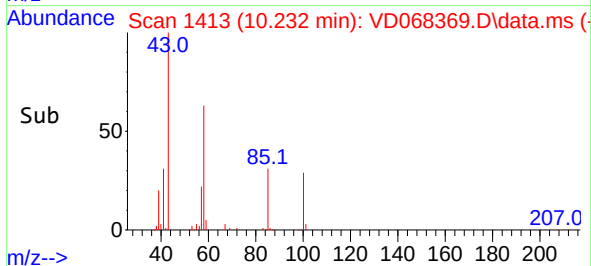
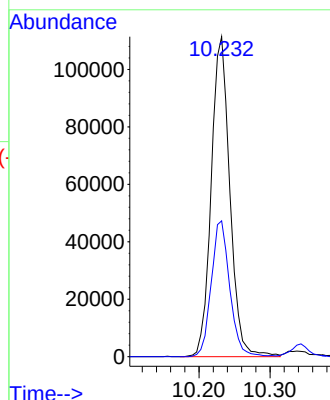
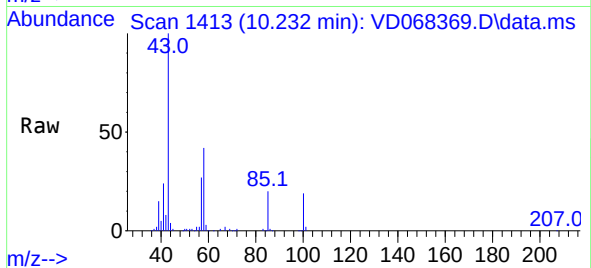
#51
4-Methyl-2-Pentanone
Concen: 103.94 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 43 Resp: 203007
Ion Ratio Lower Upper
43 100
58 42.2 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

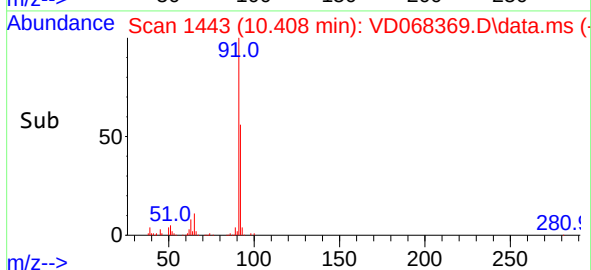
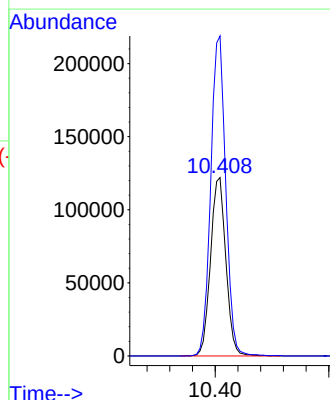
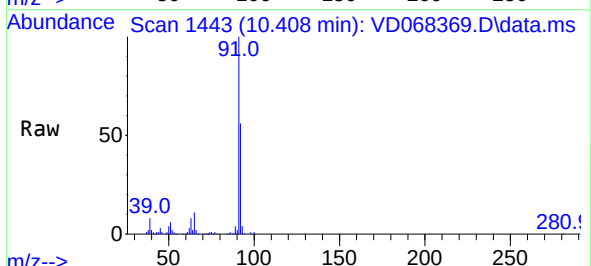
Manual Integrations
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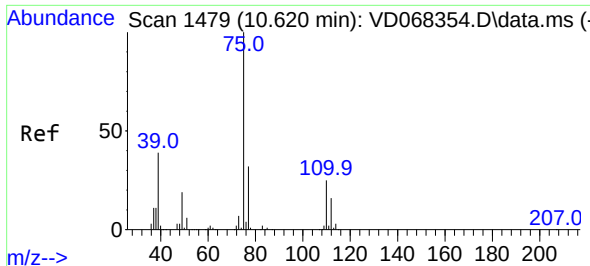
MMDadoda
2/17/2021 12:28:20 PM



#52
Toluene
Concen: 21.14 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

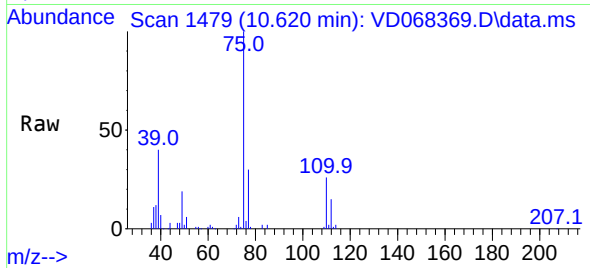
Tgt Ion: 92 Resp: 227806
Ion Ratio Lower Upper
92 100
91 175.2 134.1 201.1





#53
 t-1,3-Dichloropropene
 Concen: 20.92 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. -0.000 min
 Lab File: VD068369.D
 Acq: 16 Feb 2021 11:30

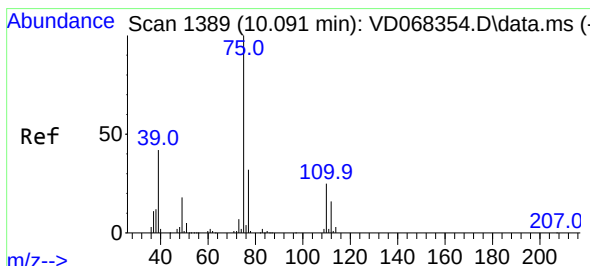
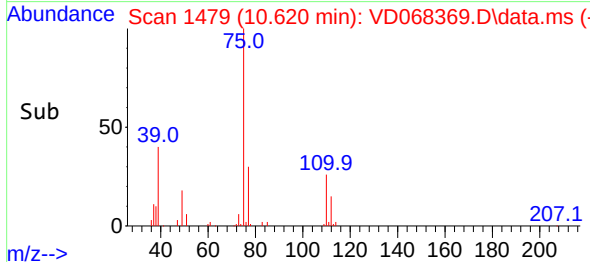
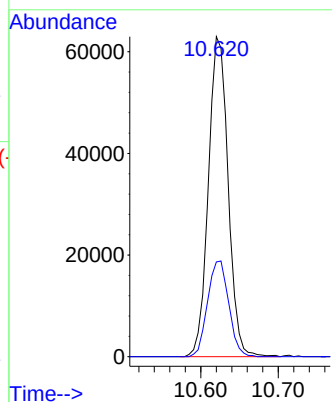
Instrument :
 MSVOA_D
 ClientSampleID :
 VD0216SBS01



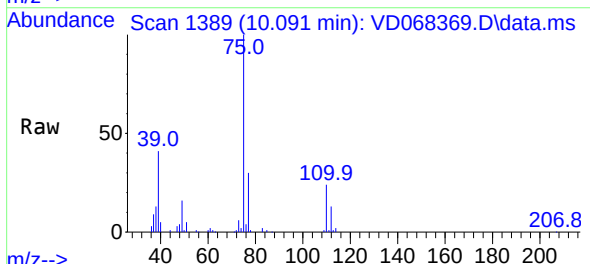
Tgt Ion: 75 Resp: 111362
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.0 37.4

Manual Integrations
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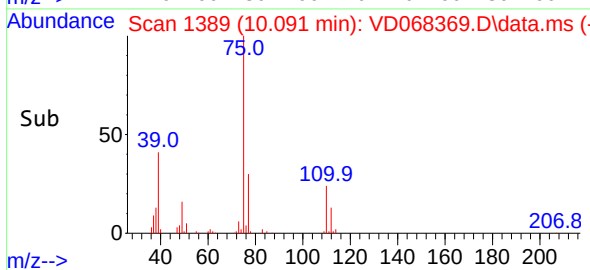
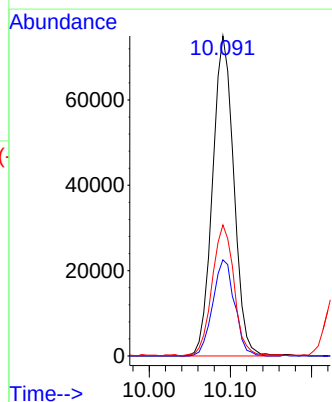
MMDadoda
 2/17/2021 12:28:20 PM

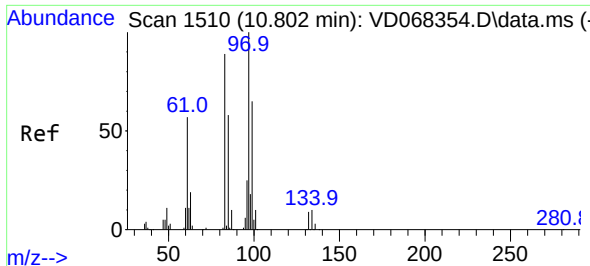


#54
 cis-1,3-Dichloropropene
 Concen: 20.96 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. -0.000 min
 Lab File: VD068369.D
 Acq: 16 Feb 2021 11:30



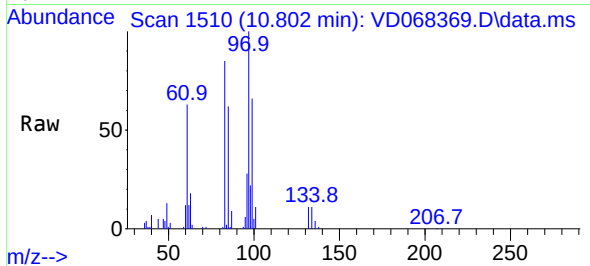
Tgt Ion: 75 Resp: 136343
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.6 37.0
 39 41.0 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 20.91 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

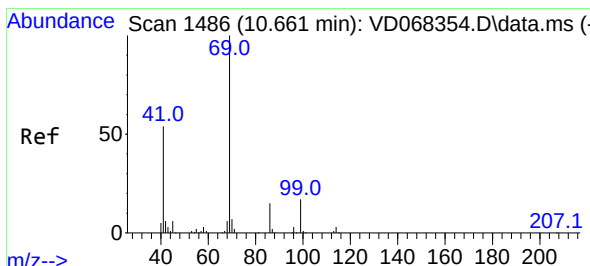
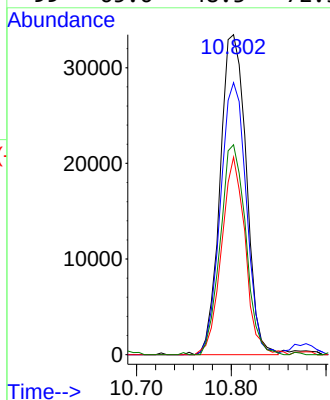
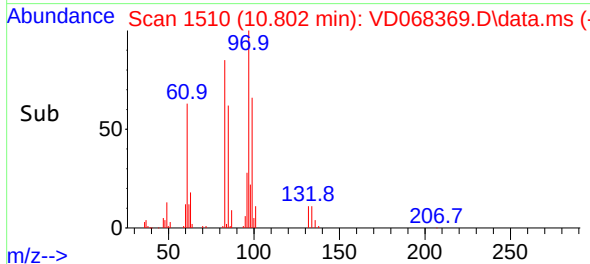
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



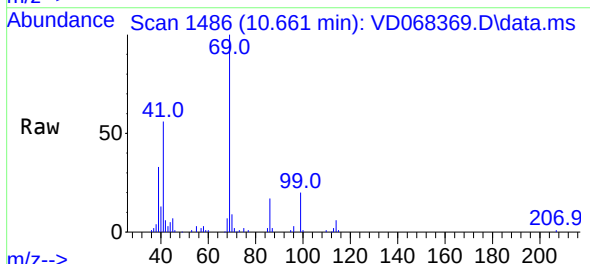
Tgt Ion: 97 Resp: 64090
Ion Ratio Lower Upper
97 100
83 85.0 61.8 92.6
85 61.7 42.2 63.2
99 65.6 48.3 72.5

Manual Integrations
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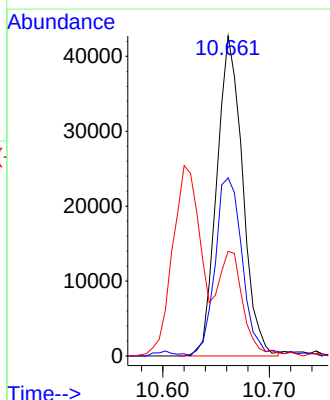
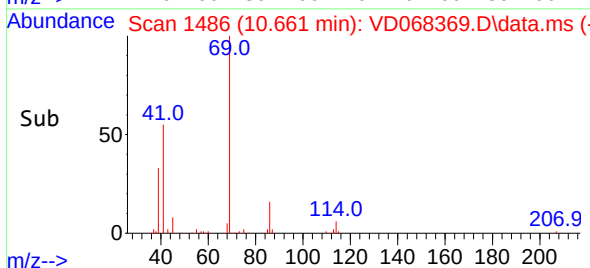
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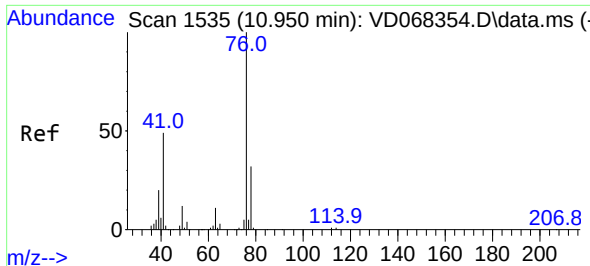


#56
Ethyl methacrylate
Concen: 19.71 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



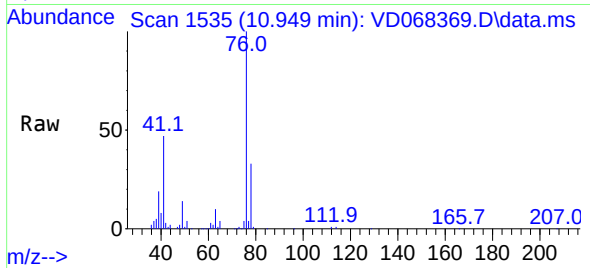
Tgt Ion: 69 Resp: 71688
Ion Ratio Lower Upper
69 100
41 57.2 44.9 67.3
39 28.5 21.9 32.9





#57
1,3-Dichloropropane
Concen: 20.58 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

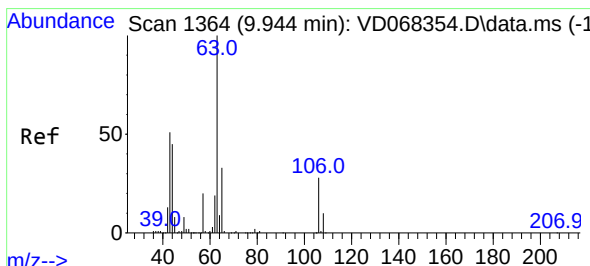
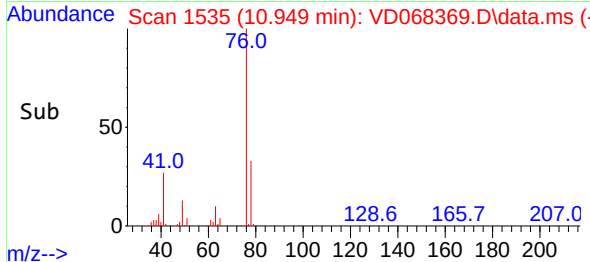
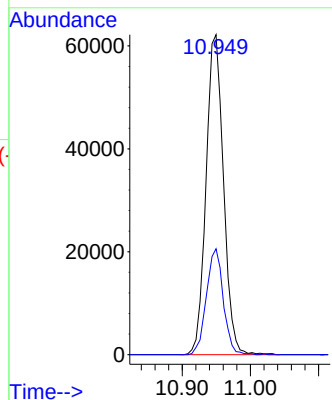
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



Tgt Ion: 76 Resp: 110718
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4

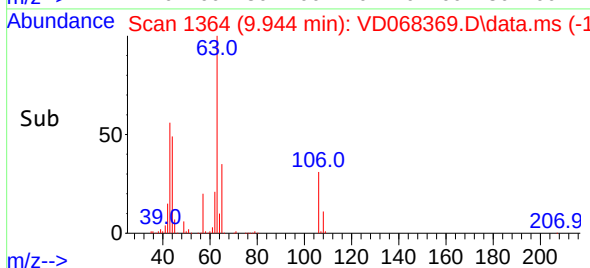
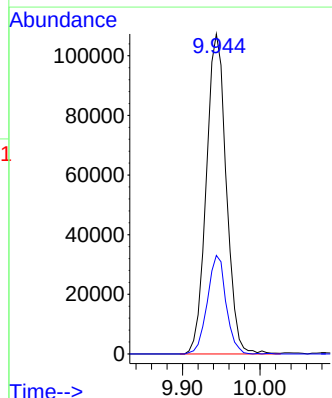
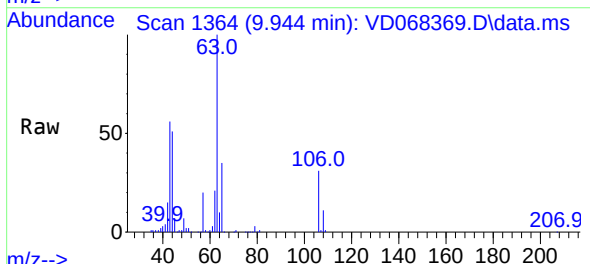
Manual Integrations
APPROVED

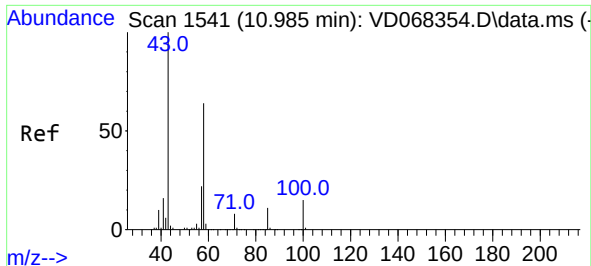
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#58
2-Chloroethyl Vinyl ether
Concen: 98.43 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 63 Resp: 191685
Ion Ratio Lower Upper
63 100
106 28.9 27.0 40.4





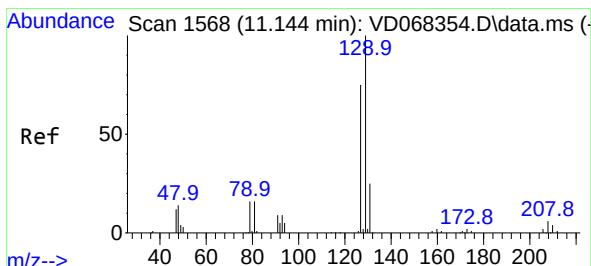
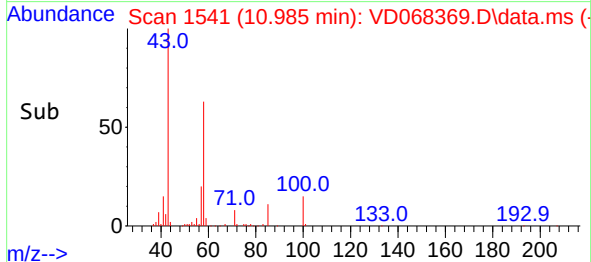
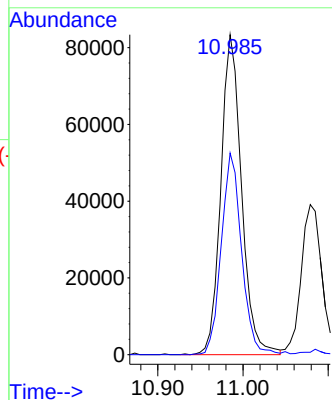
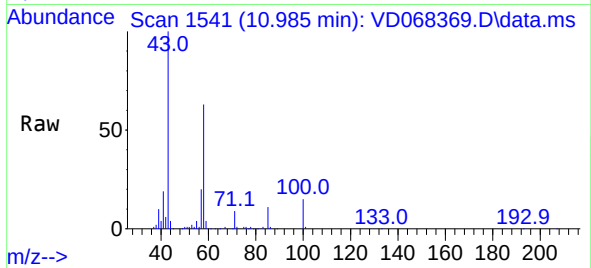
#59
2-Hexanone
Concen: 106.74 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 43 Resp: 140915
Ion Ratio Lower Upper
43 100
58 62.0 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

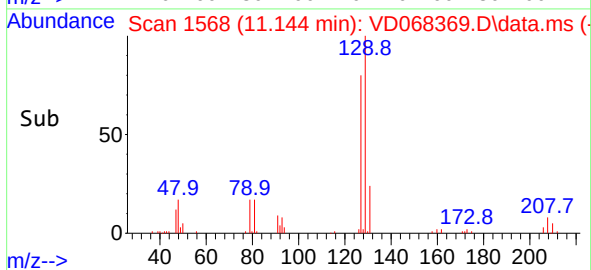
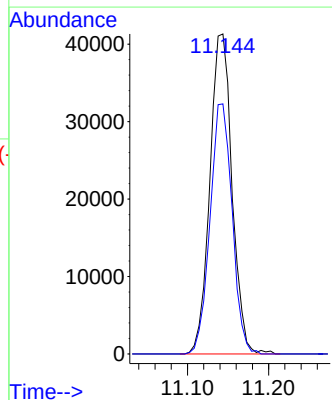
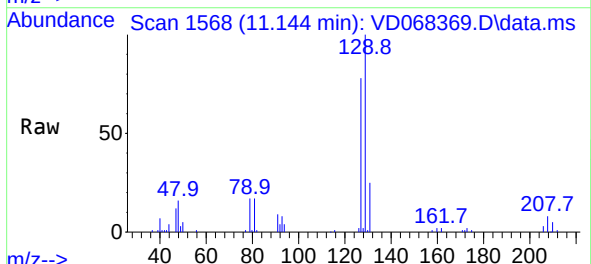
Manual Integrations
APPROVED

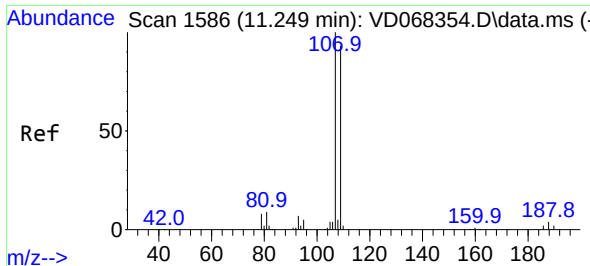
MMDadoda
2/17/2021 12:28:20 PM



#60
Dibromochloromethane
Concen: 20.62 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

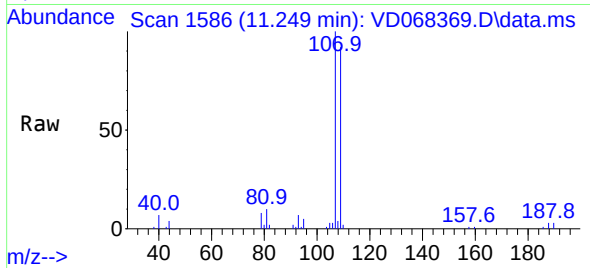
Tgt Ion:129 Resp: 78444
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.53 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

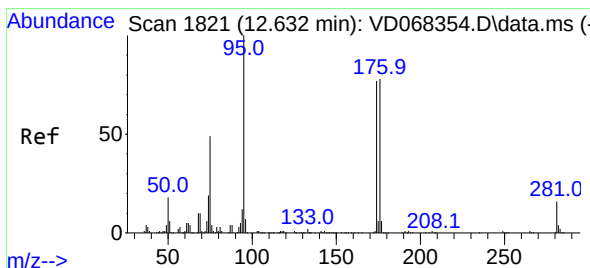
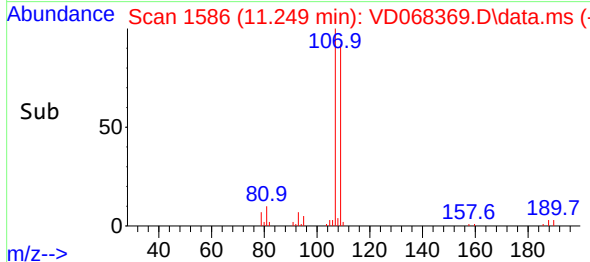
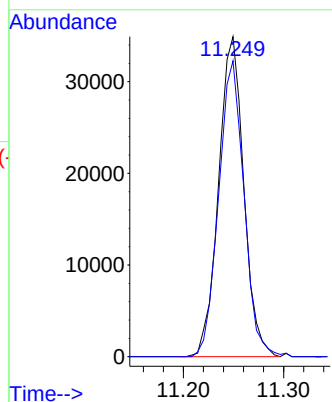
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



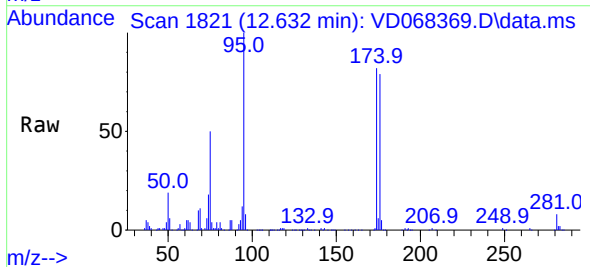
Tgt Ion:107 Resp: 60821
Ion Ratio Lower Upper
107 100
109 93.1 74.8 112.2

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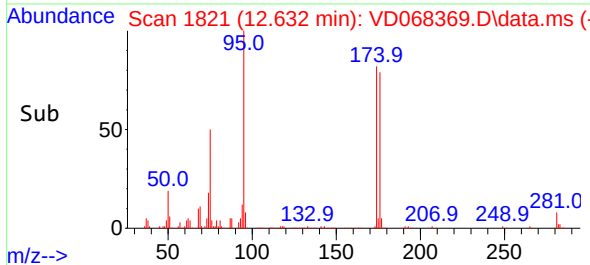
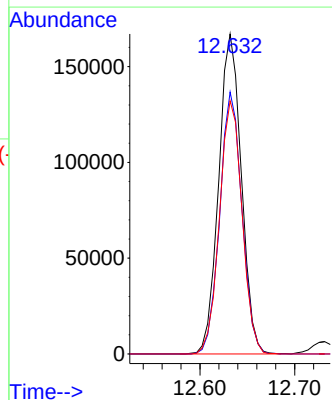
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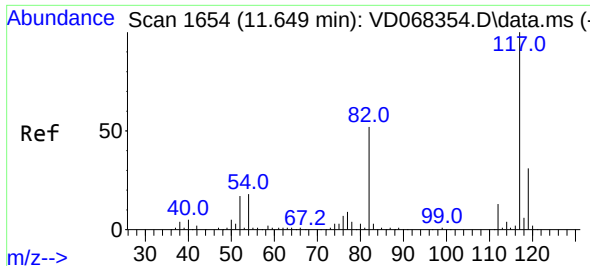


#62
4-Bromofluorobenzene
Concen: 52.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



Tgt Ion: 95 Resp: 277568
Ion Ratio Lower Upper
95 100
174 79.9 0.0 172.4
176 78.8 0.0 168.4





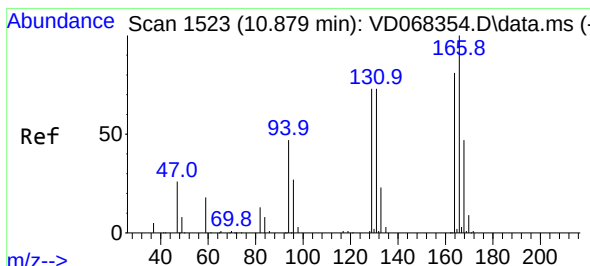
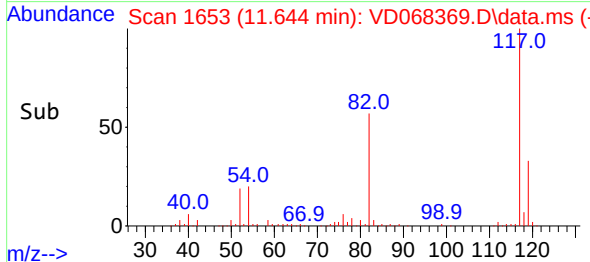
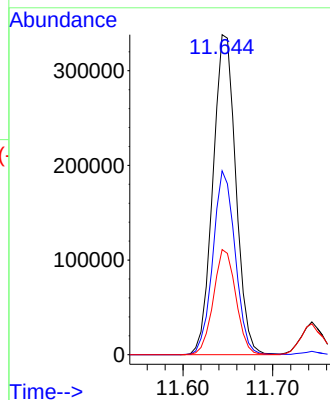
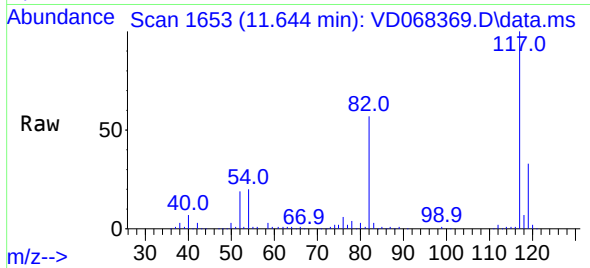
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion:117 Resp: 599952
Ion Ratio Lower Upper
117 100
82 57.4 41.4 62.0
119 32.9 26.1 39.1

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

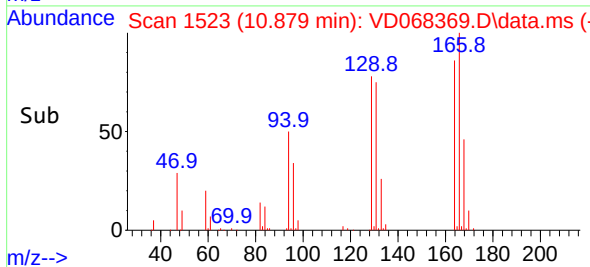
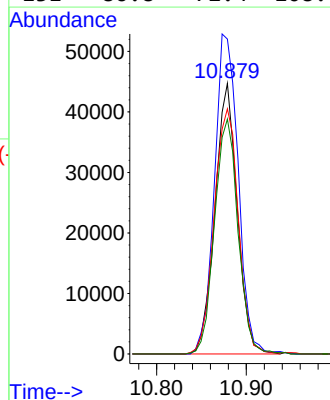
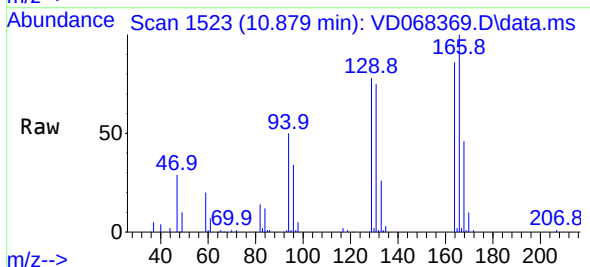
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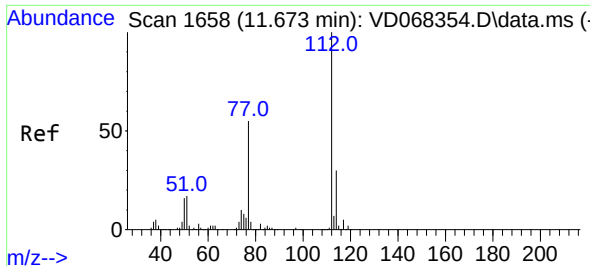
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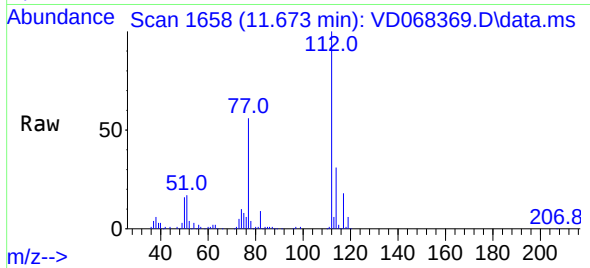
#64
Tetrachloroethene
Concen: 20.86 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion:164 Resp: 77005
Ion Ratio Lower Upper
164 100
166 116.4 105.5 158.3
129 90.6 75.6 113.4
131 86.8 72.4 108.6

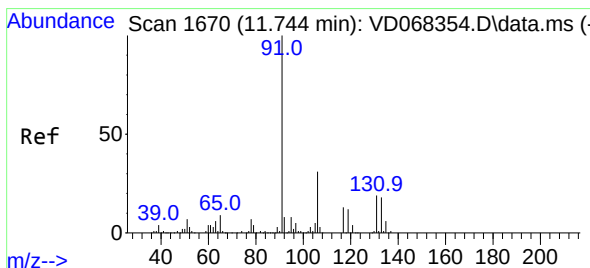
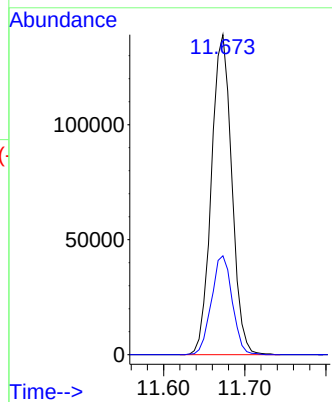
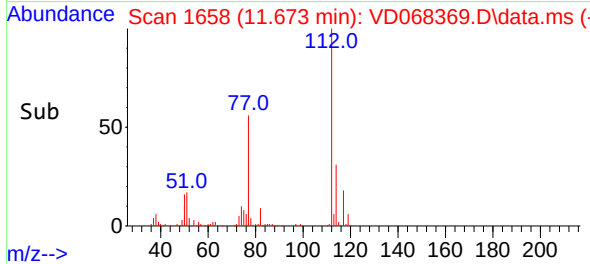




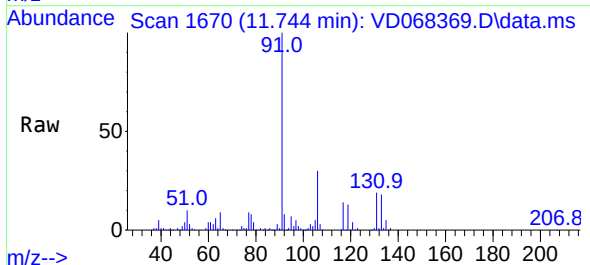
#65
Chlorobenzene
Concen: 21.04 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



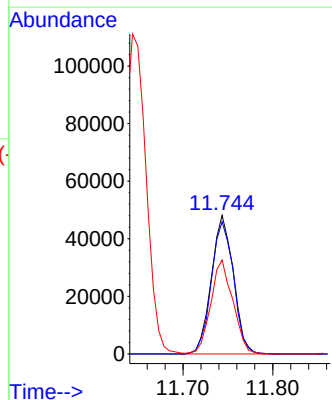
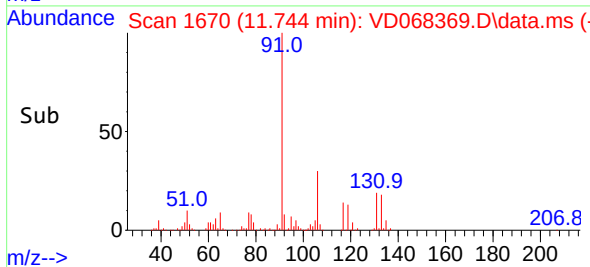
Tgt Ion:112 Resp: 242662
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.37 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



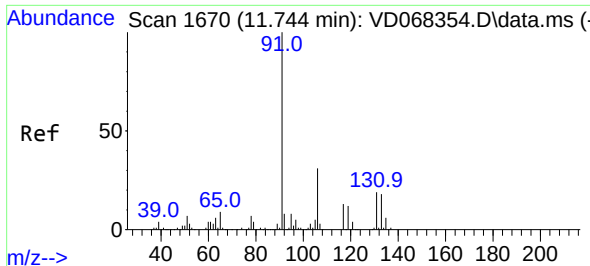
Tgt Ion:131 Resp: 81968
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.4
119 68.3 31.6 94.8



Instrument :
MSVOA_D
ClientSampleId :
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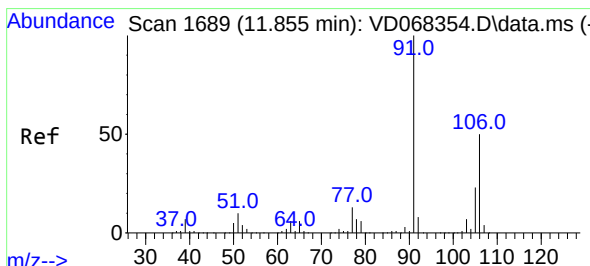
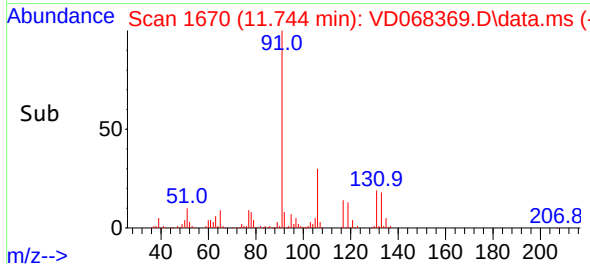
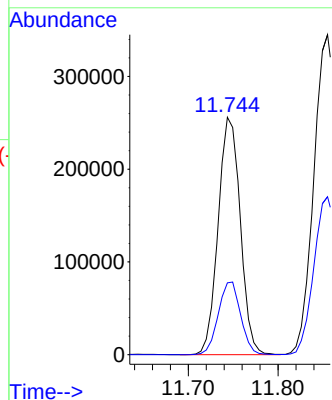
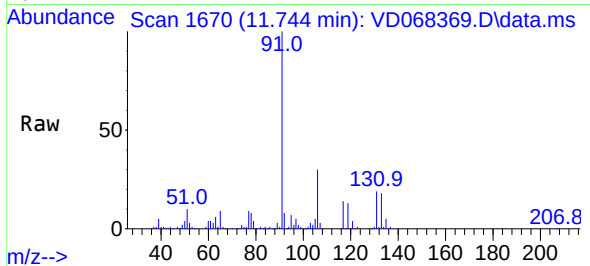
#67
Ethyl Benzene
Concen: 21.22 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 91 Resp: 438937
Ion Ratio Lower Upper
91 100
106 30.3 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

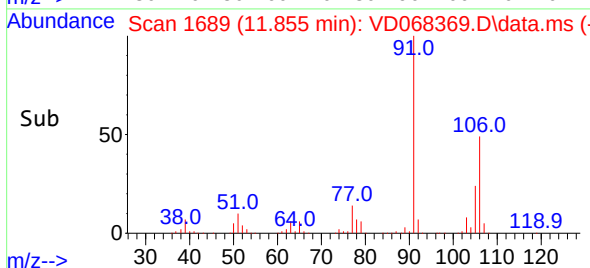
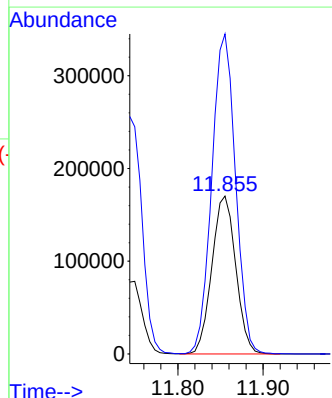
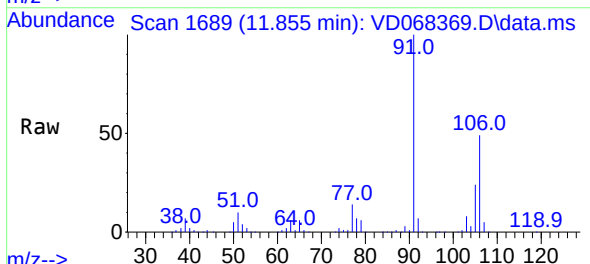
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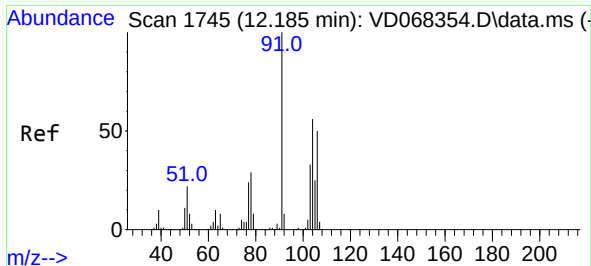
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#68
m/p-Xylenes
Concen: 42.37 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 106 Resp: 331184
Ion Ratio Lower Upper
106 100
91 201.3 159.1 238.7





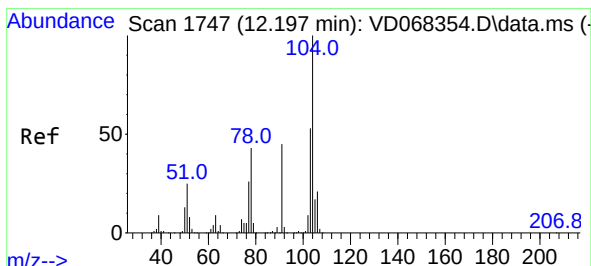
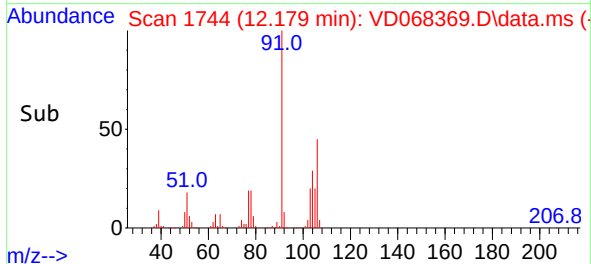
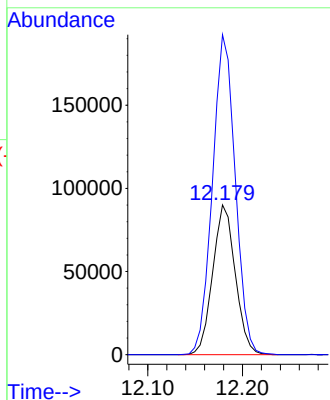
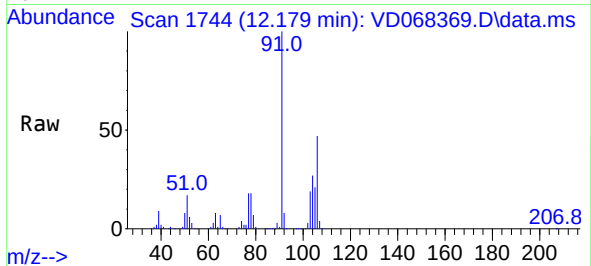
#69
o-Xylene
Concen: 20.81 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

Tgt Ion:106 Resp: 149259
Ion Ratio Lower Upper
106 100
91 215.5 108.7 325.9

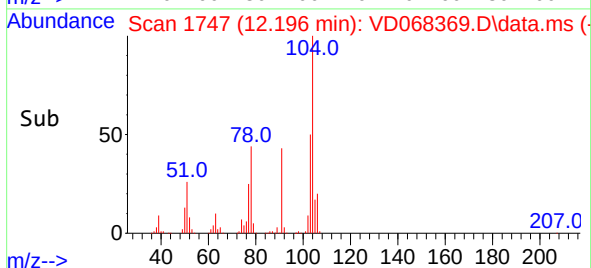
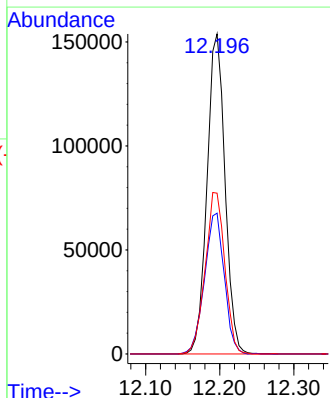
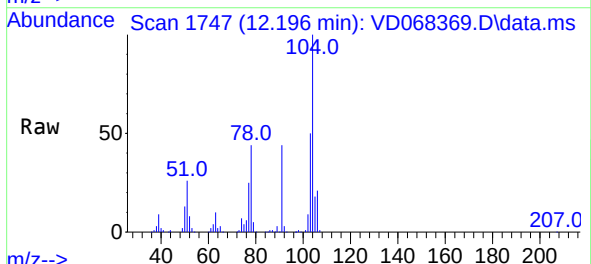
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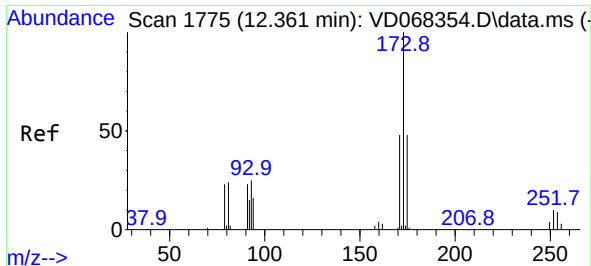
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#70
Styrene
Concen: 20.81 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion:104 Resp: 259547
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.2
103 55.1 43.1 64.7





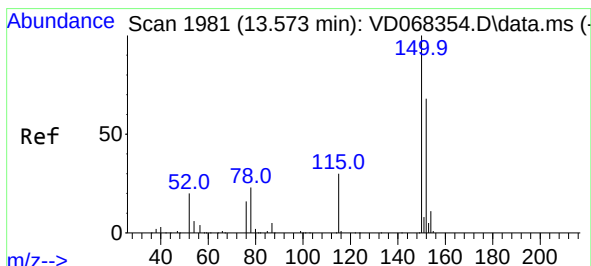
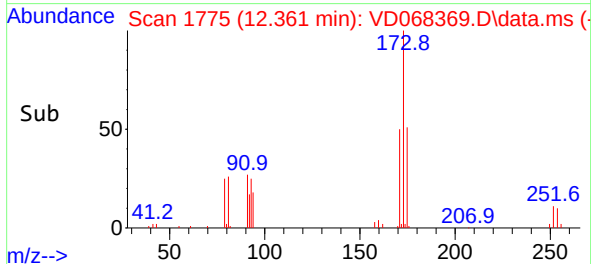
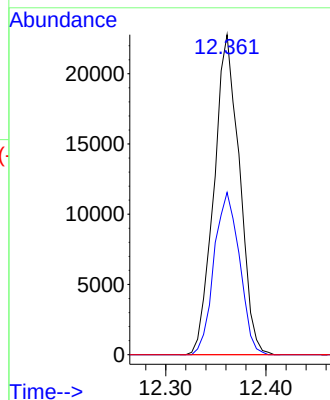
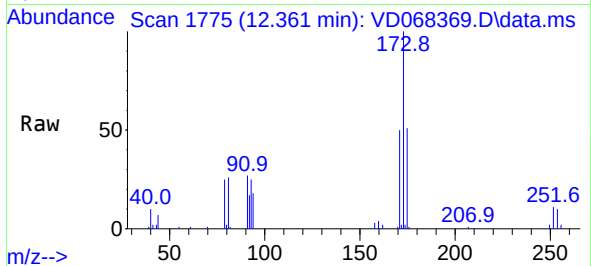
#71
Bromoform
Concen: 19.47 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion:173 Resp: 40261
Ion Ratio Lower Upper
173 100
175 50.6 24.6 73.8
254 0.0 0.0 0.0

Instrument :
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ClientSampleId :
VD0216SBS01

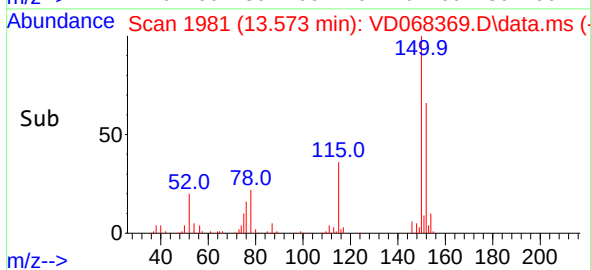
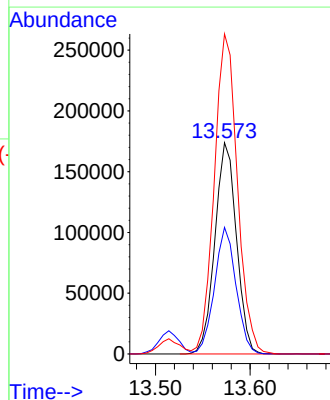
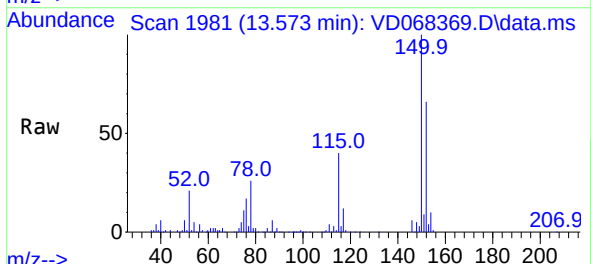
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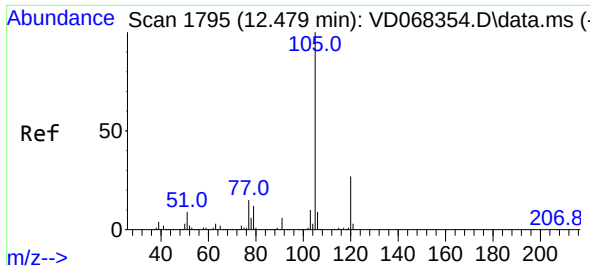
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

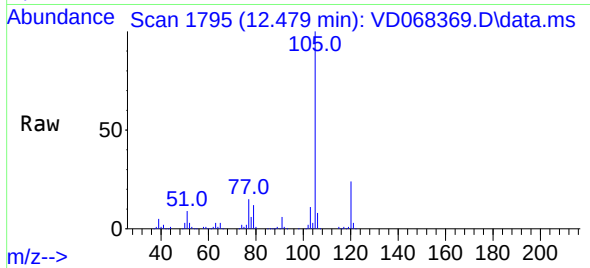
Tgt Ion:152 Resp: 275556
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.8
150 162.3 0.0 344.4





#73
Isopropylbenzene
Concen: 20.98 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

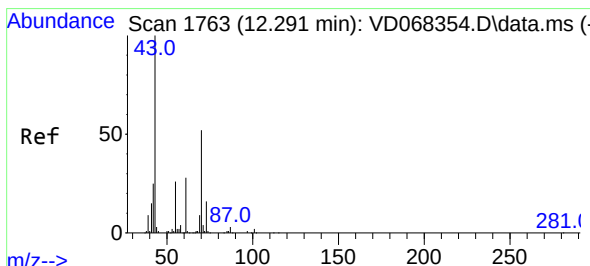
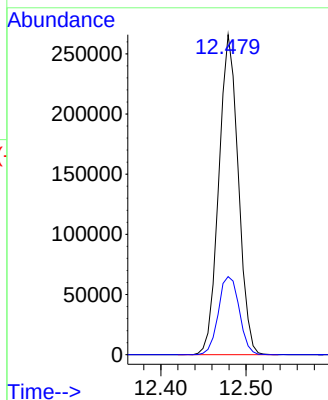
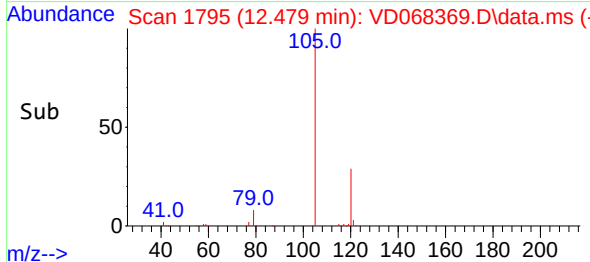
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



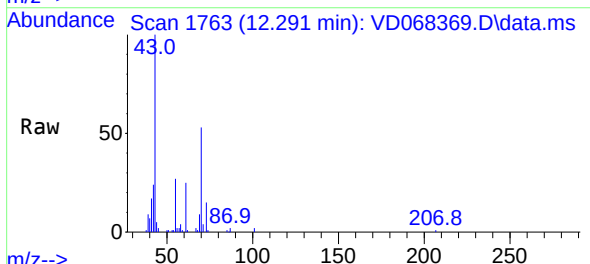
Tgt Ion:105 Resp: 422225
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

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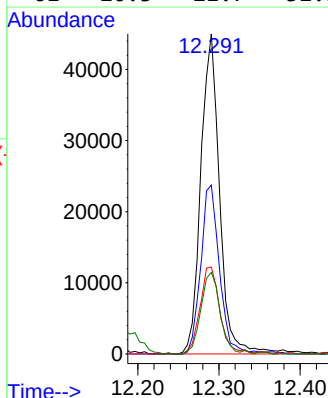
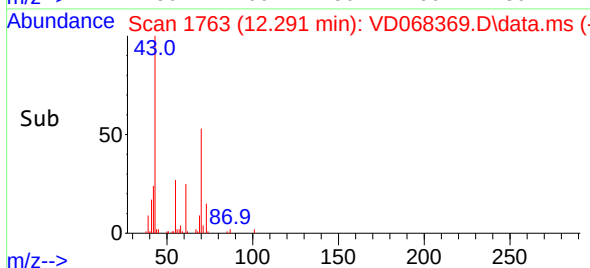
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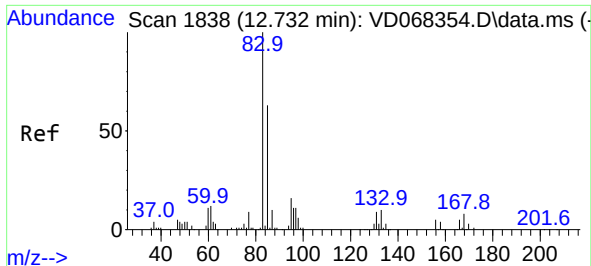


#74
N-ethyl acetate
Concen: 20.29 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

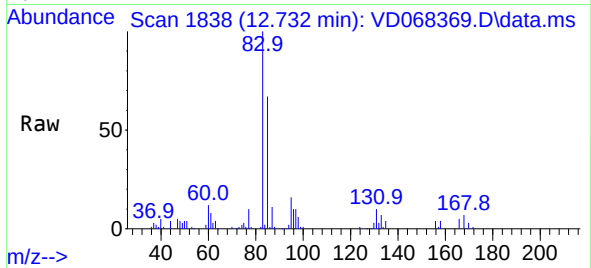


Tgt Ion: 43 Resp: 72117
Ion Ratio Lower Upper
43 100
70 53.2 41.8 62.8
55 28.7 24.2 36.4
61 26.3 21.7 32.5

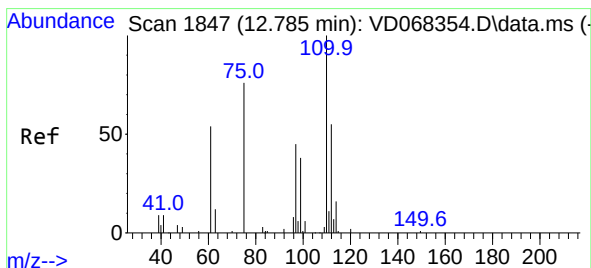
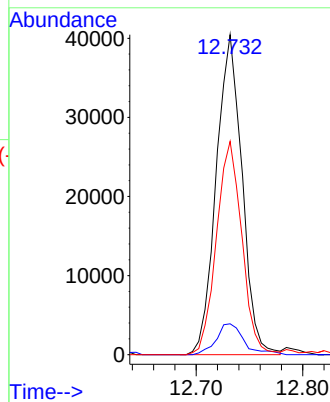
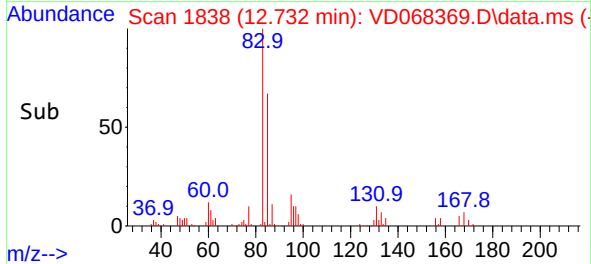




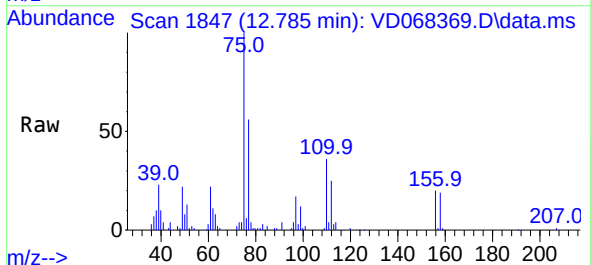
#75
1,1,2,2-Tetrachloroethane
Concen: 19.54 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



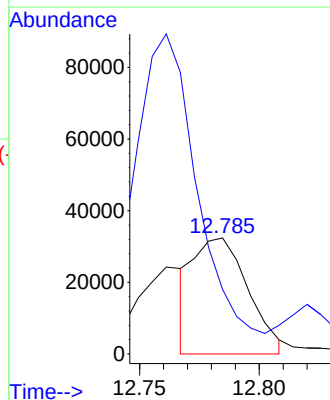
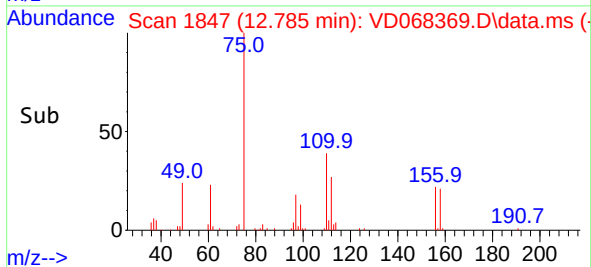
Tgt Ion: 83 Resp: 68147
Ion Ratio Lower Upper
83 100
131 10.4 5.8 17.4
85 65.6 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 19.60 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



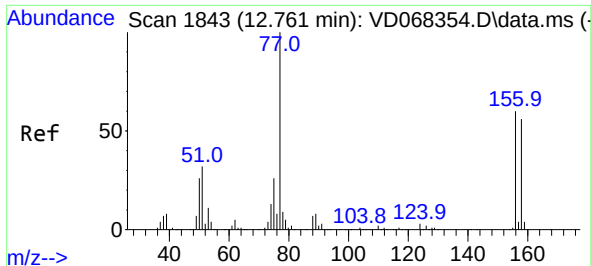
Tgt Ion: 75 Resp: 51394
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



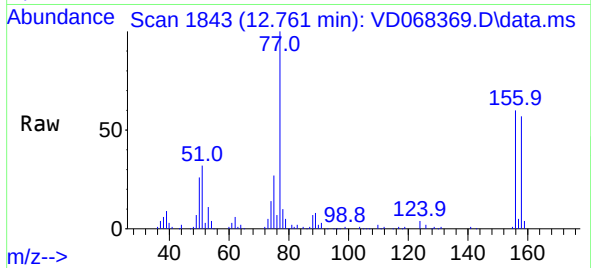
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

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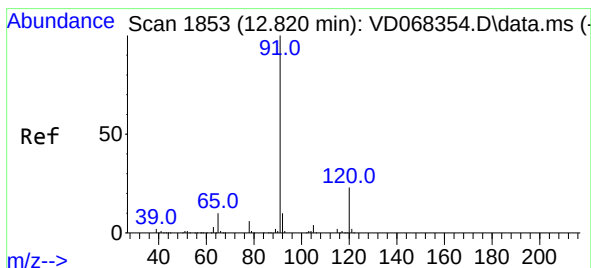
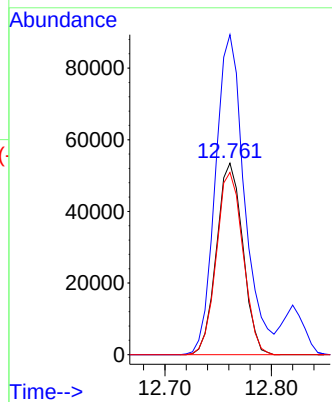
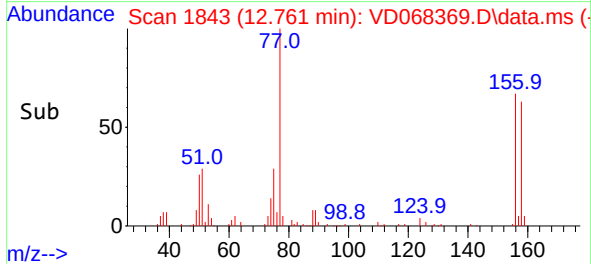
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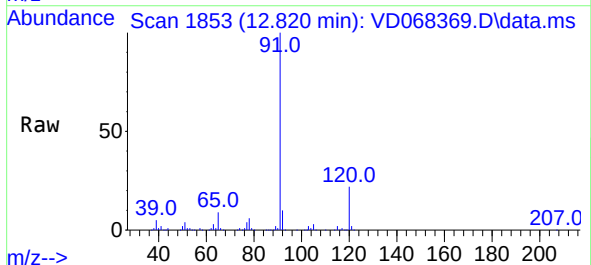
#77
Bromobenzene
Concen: 20.40 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



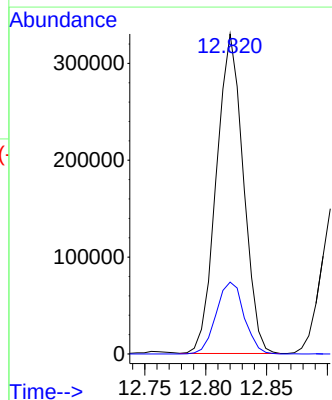
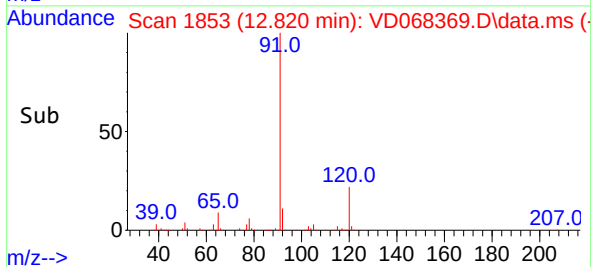
Tgt Ion:156 Resp: 91736
Ion Ratio Lower Upper
156 100
77 184.9 82.8 248.3
158 96.5 48.0 144.0



#78
n-propylbenzene
Concen: 21.08 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



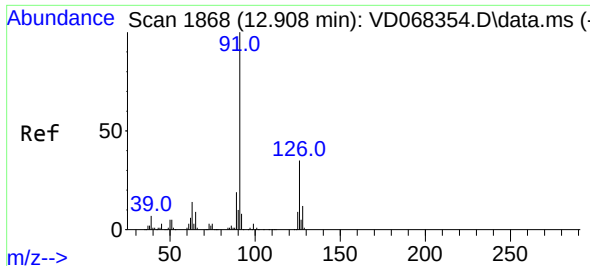
Tgt Ion: 91 Resp: 507994
Ion Ratio Lower Upper
91 100
120 23.3 12.0 36.0



Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

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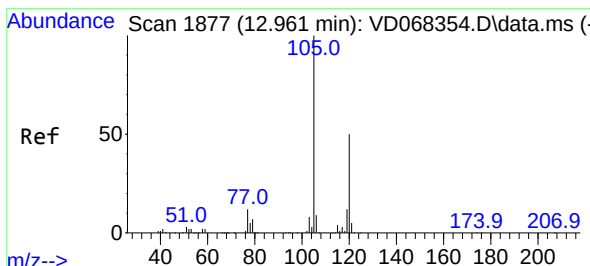
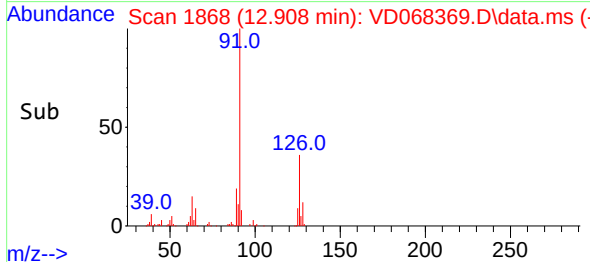
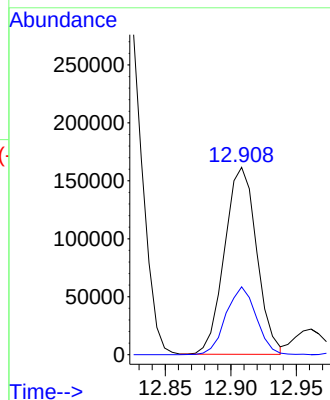
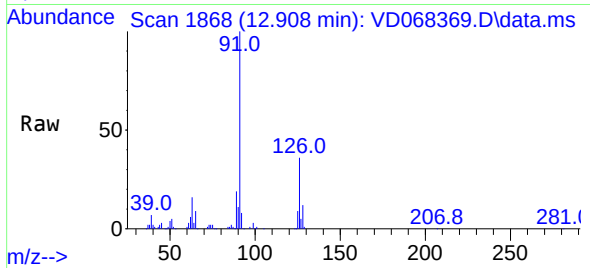
#79
2-Chlorotoluene
Concen: 20.64 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 91 Resp: 275466
Ion Ratio Lower Upper
91 100
126 34.3 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

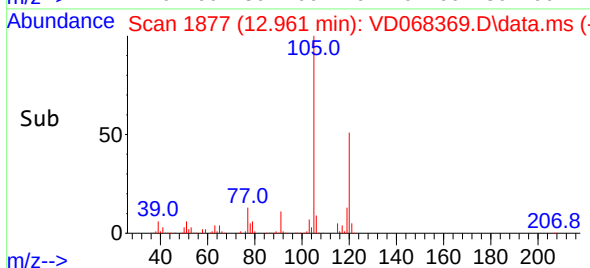
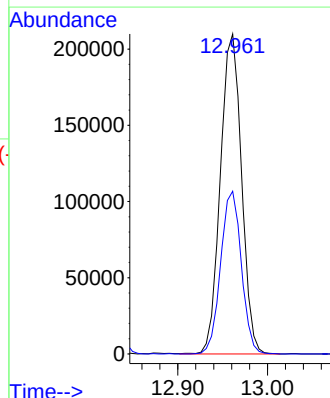
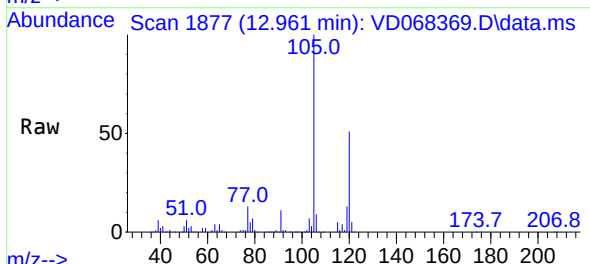
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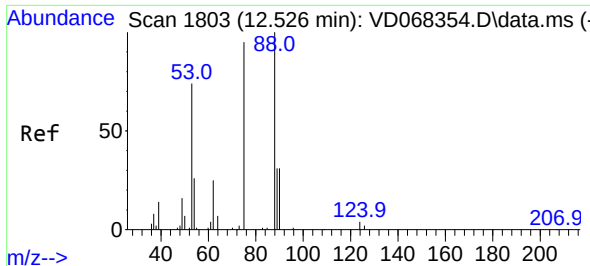
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#80
1,3,5-Trimethylbenzene
Concen: 20.89 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

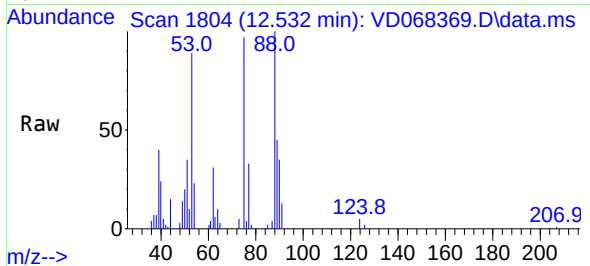
Tgt Ion: 105 Resp: 343660
Ion Ratio Lower Upper
105 100
120 49.8 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.76 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

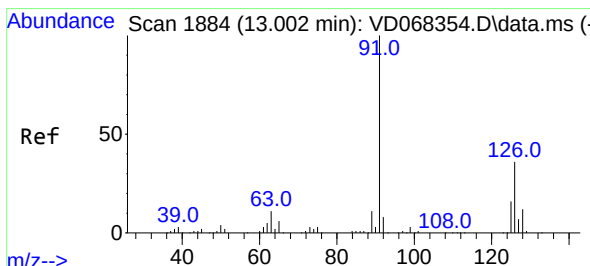
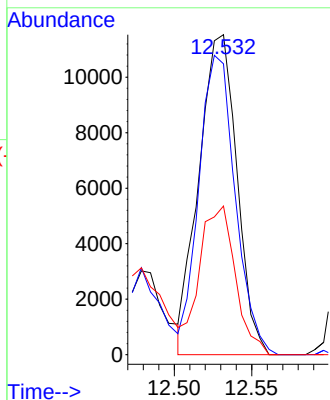
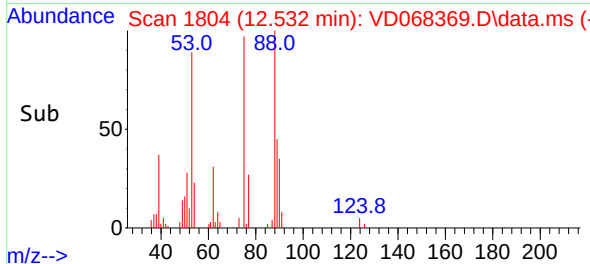
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



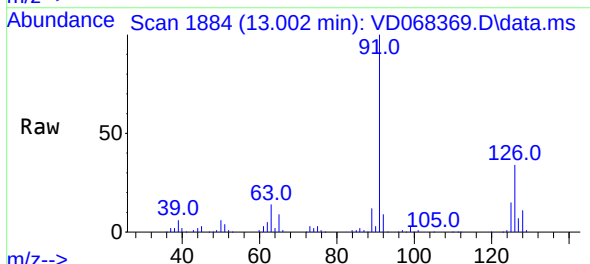
Tgt Ion: 75 Resp: 19630
Ion Ratio Lower Upper
75 100
53 89.8 70.2 105.2
89 44.1 40.3 60.5

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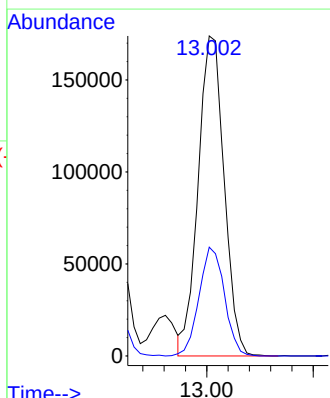
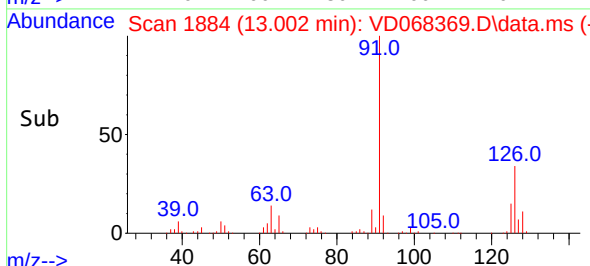
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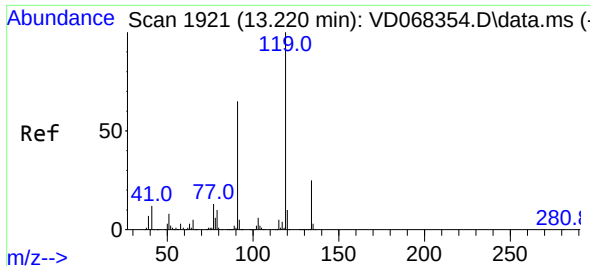


#82
4-Chlorotoluene
Concen: 20.87 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



Tgt Ion: 91 Resp: 294416
Ion Ratio Lower Upper
91 100
126 33.3 17.7 53.1





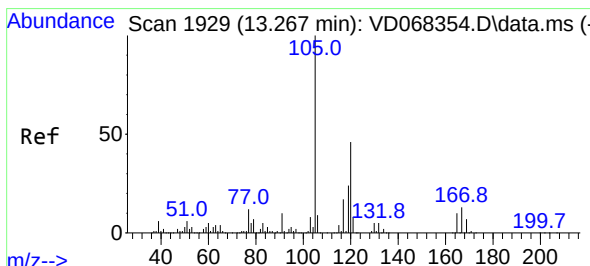
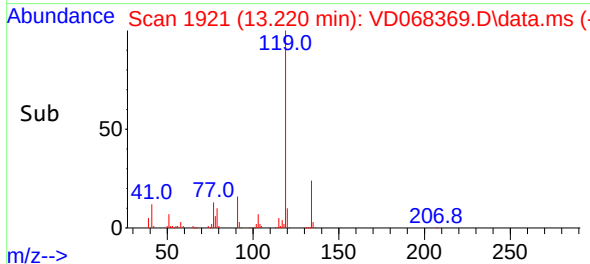
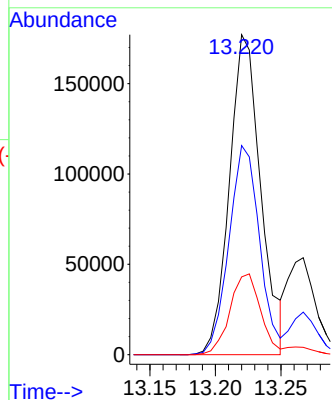
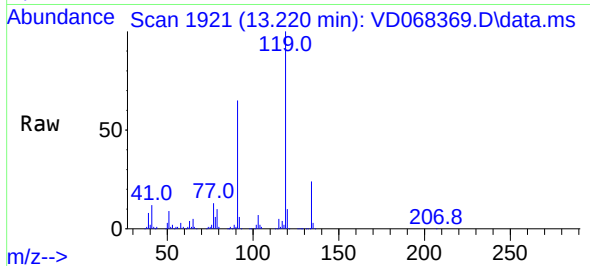
#83
tert-Butylbenzene
Concen: 20.63 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion:119 Resp: 294312
Ion Ratio Lower Upper
119 100
91 64.1 31.1 93.5
134 25.2 13.3 39.8

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

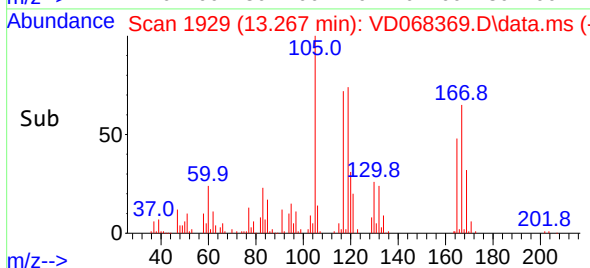
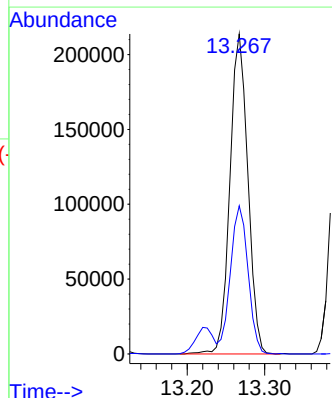
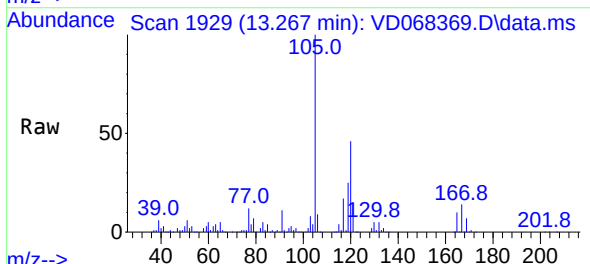
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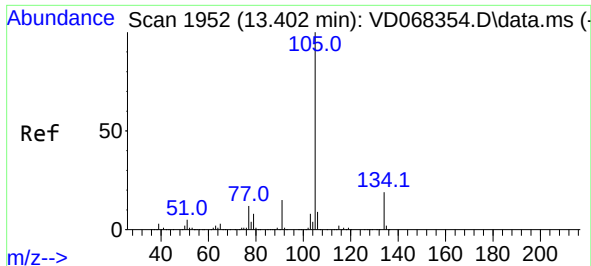
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#84
1,2,4-Trimethylbenzene
Concen: 20.98 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

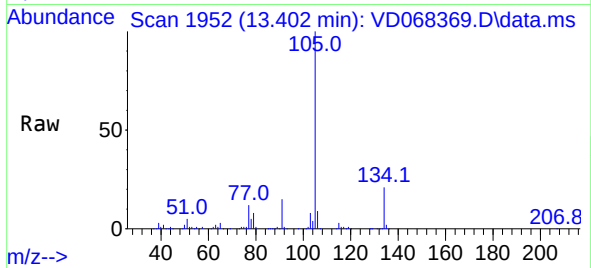
Tgt Ion:105 Resp: 343789
Ion Ratio Lower Upper
105 100
120 45.8 22.4 67.0





#85
sec-Butylbenzene
Concen: 21.18 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

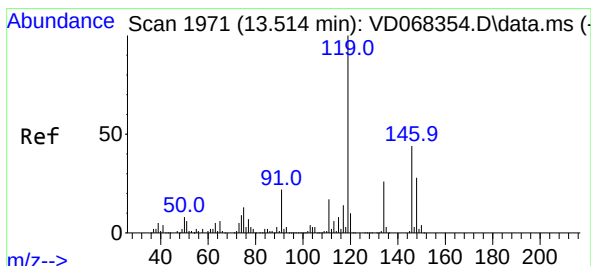
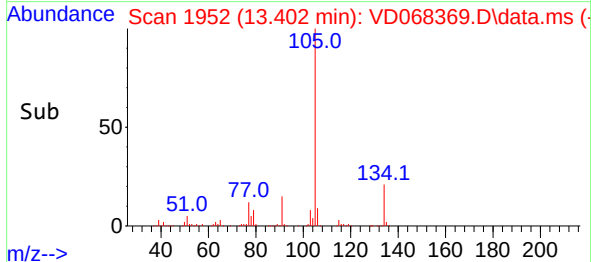
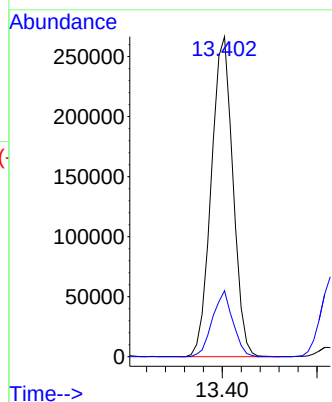
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



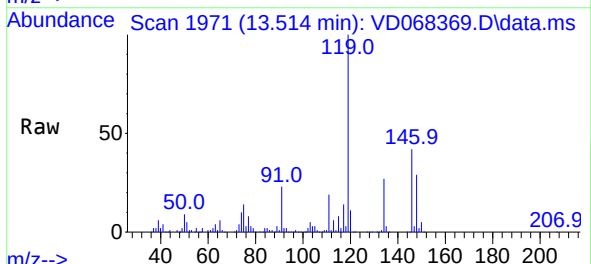
Tgt Ion:105 Resp: 422563
Ion Ratio Lower Upper
105 100
134 19.5 10.3 30.9

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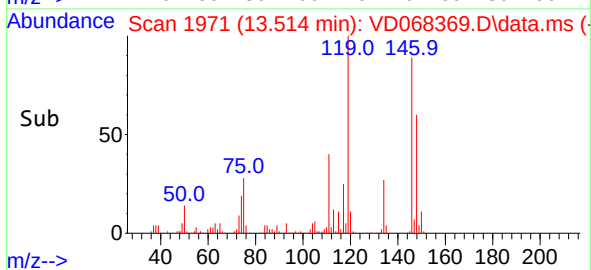
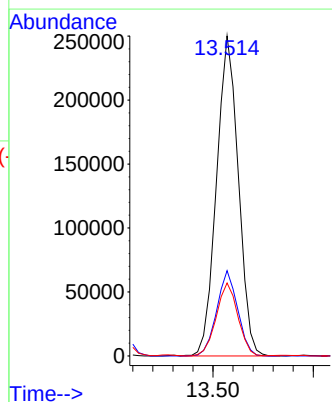
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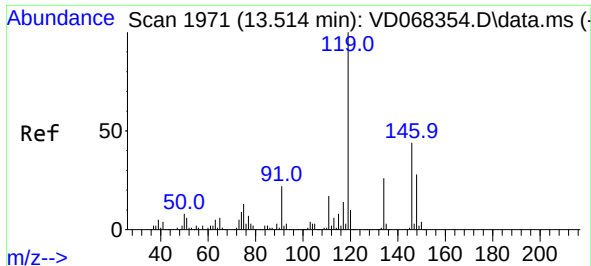


#86
p-Isopropyltoluene
Concen: 21.08 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



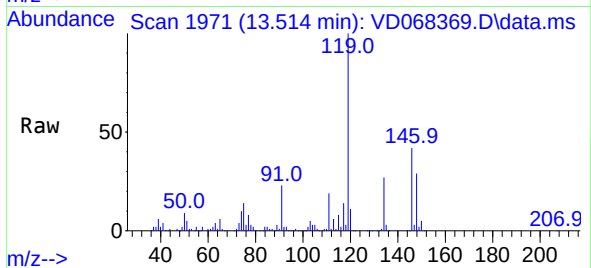
Tgt Ion:119 Resp: 377631
Ion Ratio Lower Upper
119 100
134 25.5 12.9 38.7
91 22.6 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 20.56 ug/l
RT: 13.514 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

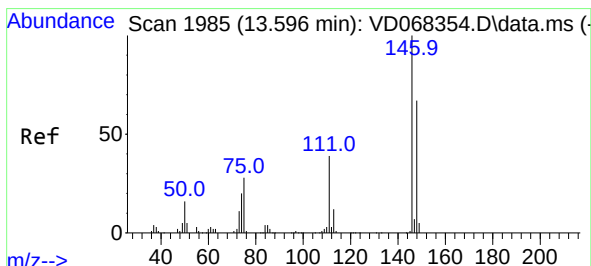
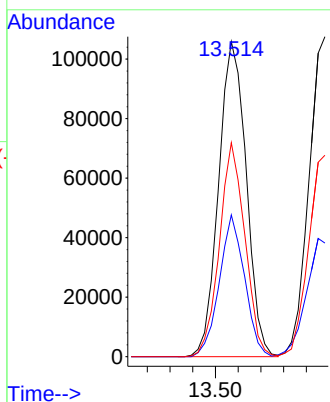
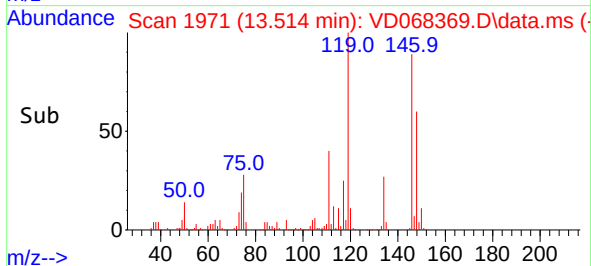
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



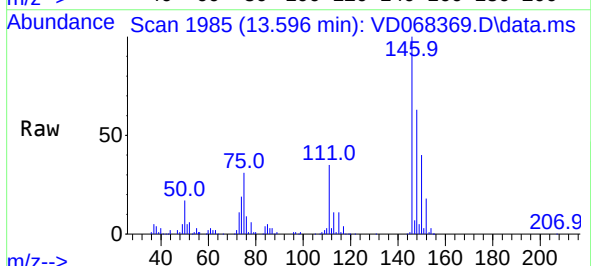
Tgt Ion:146 Resp: 178885
Ion Ratio Lower Upper
146 100
111 41.1 19.5 58.5
148 62.7 31.6 95.0

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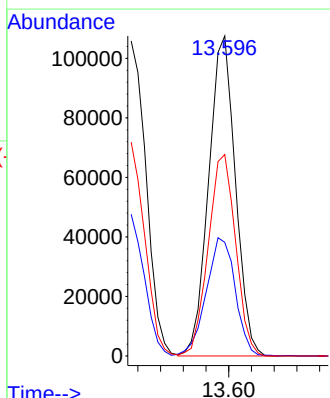
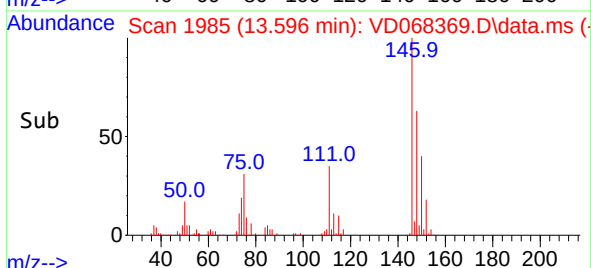
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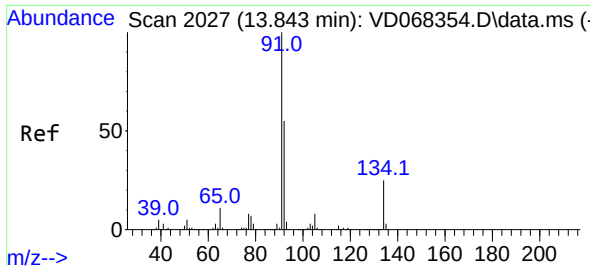


#88
1,4-Dichlorobenzene
Concen: 20.35 ug/l
RT: 13.596 min Scan# 185
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



Tgt Ion:146 Resp: 176157
Ion Ratio Lower Upper
146 100
111 40.1 19.1 57.1
148 64.4 31.9 95.7





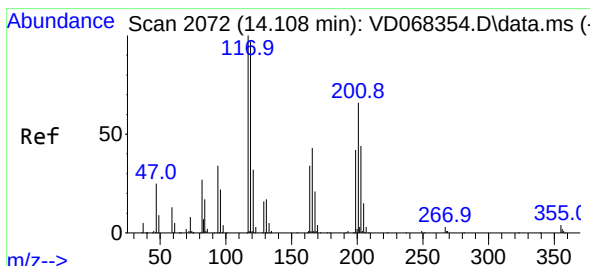
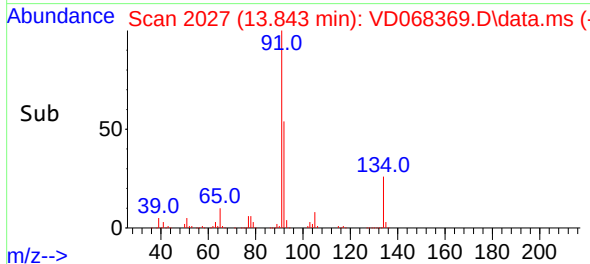
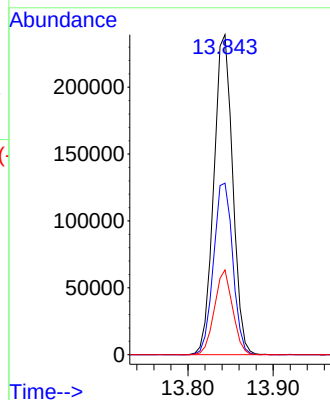
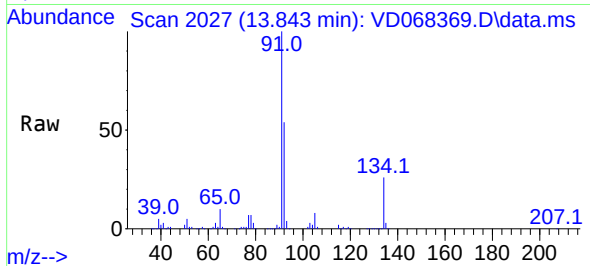
#89
n-Butylbenzene
Concen: 21.06 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion: 91 Resp: 368115
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.6
134 25.6 13.9 41.7

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

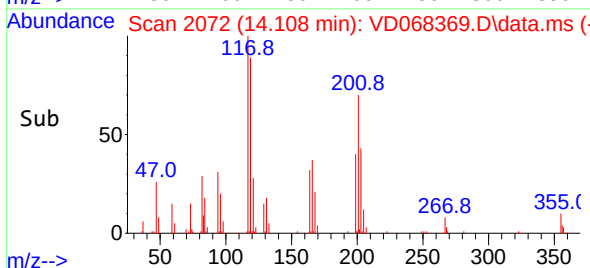
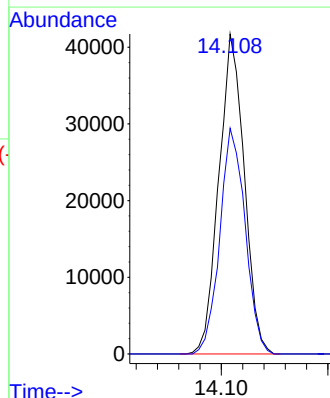
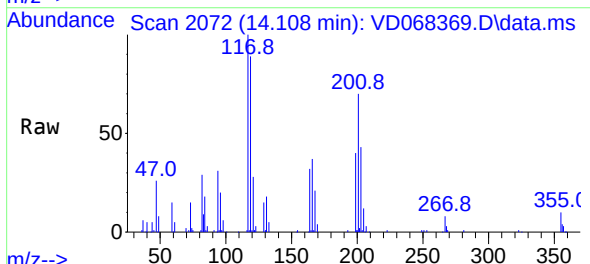
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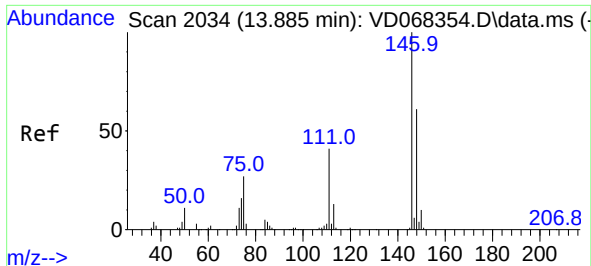
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#90
Hexachloroethane
Concen: 21.20 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

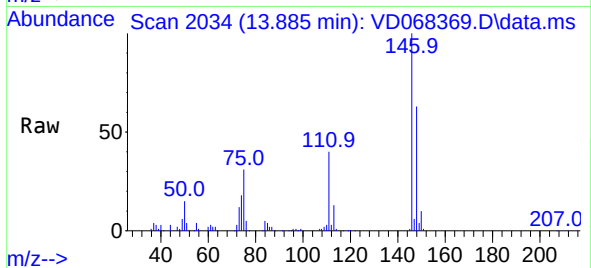
Tgt Ion: 117 Resp: 68963
Ion Ratio Lower Upper
117 100
201 70.4 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 20.59 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

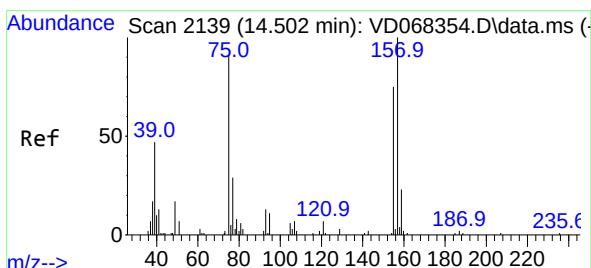
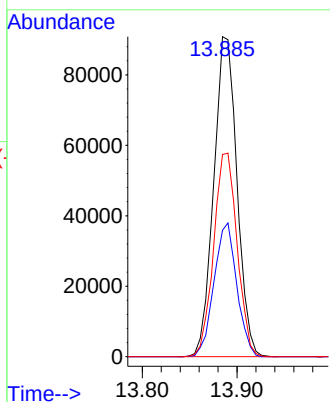
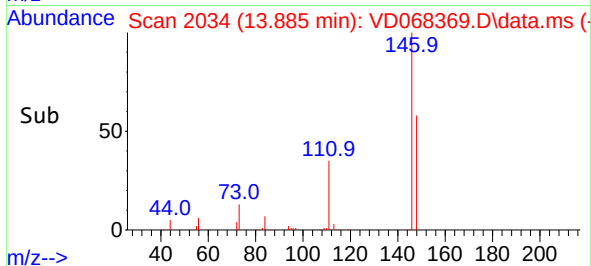
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



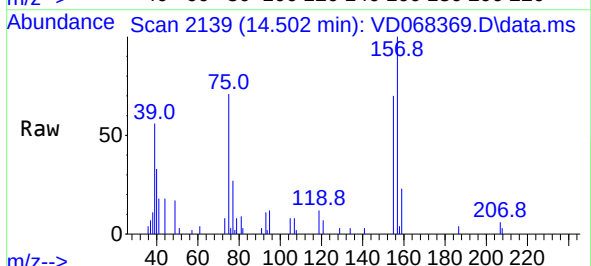
Tgt Ion:146 Resp: 155273
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 64.3 31.7 95.1

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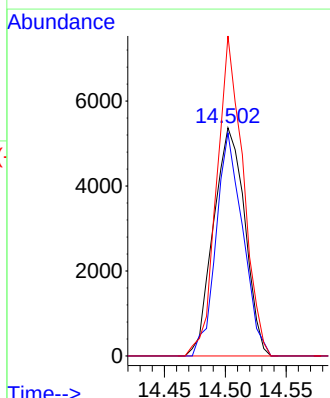
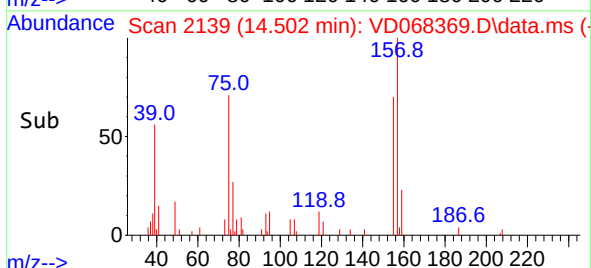
MMDadoda
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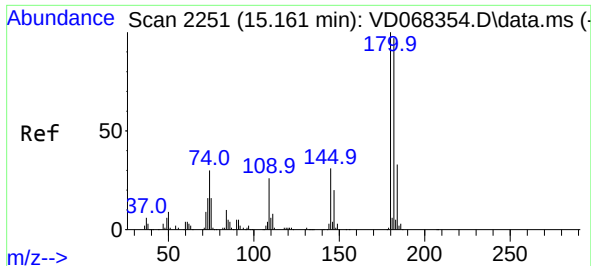


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.82 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



Tgt Ion: 75 Resp: 9598
Ion Ratio Lower Upper
75 100
155 83.6 48.0 144.2
157 118.6 65.0 194.8





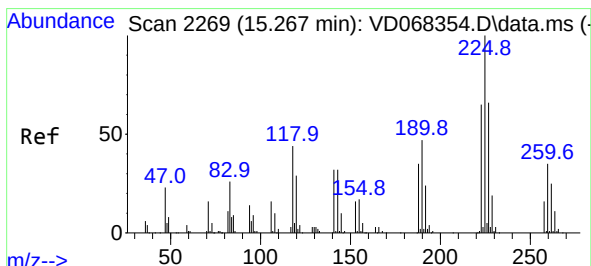
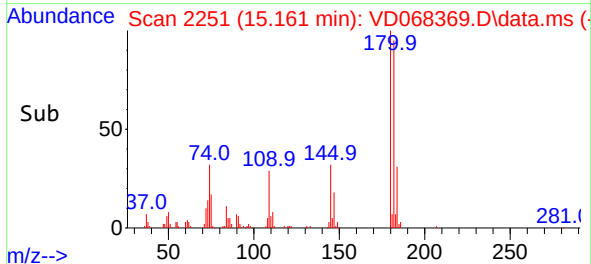
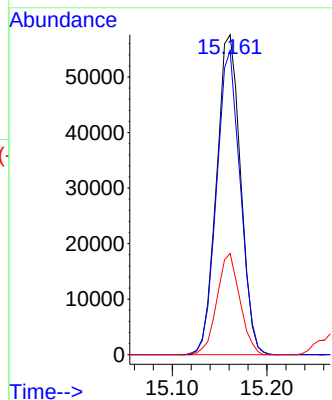
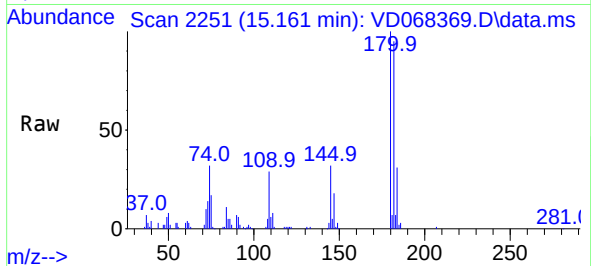
#93
1,2,4-Trichlorobenzene
Concen: 20.57 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

Tgt Ion:180 Resp: 101606
Ion Ratio Lower Upper
180 100
182 93.4 46.8 140.4
145 30.3 15.2 45.5

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

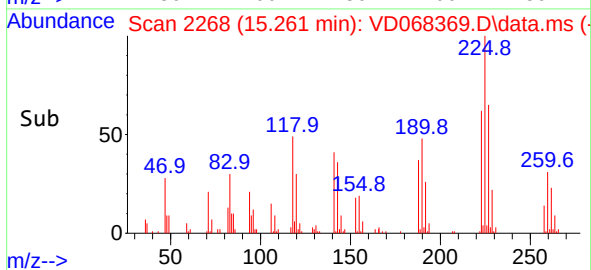
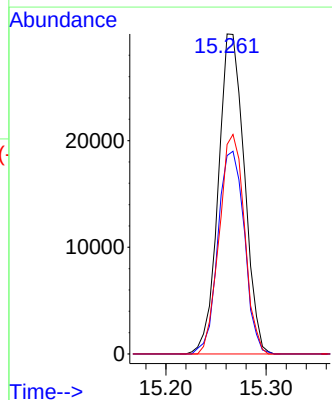
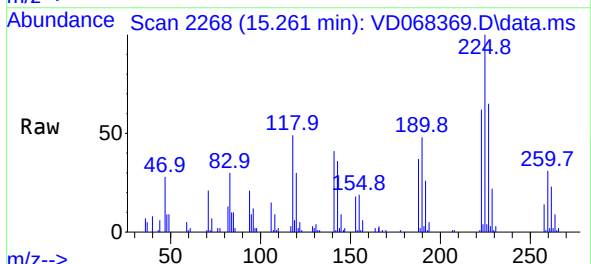
Manual Integrations
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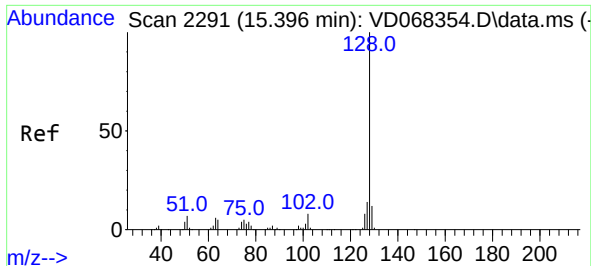
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#94
Hexachlorobutadiene
Concen: 19.88 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.006 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

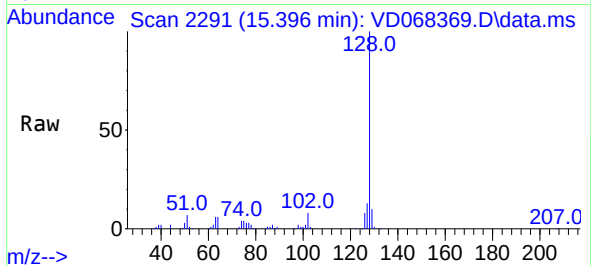
Tgt Ion:225 Resp: 54012
Ion Ratio Lower Upper
225 100
223 64.3 31.9 95.5
227 66.3 32.1 96.5





#95
Naphthalene
Concen: 20.15 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30

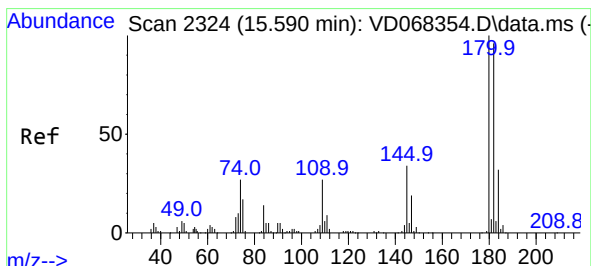
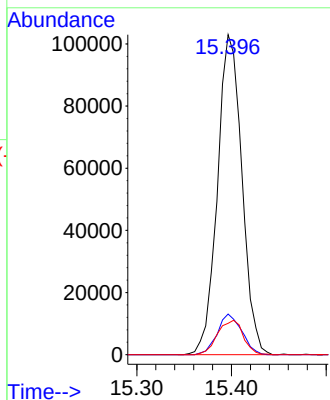
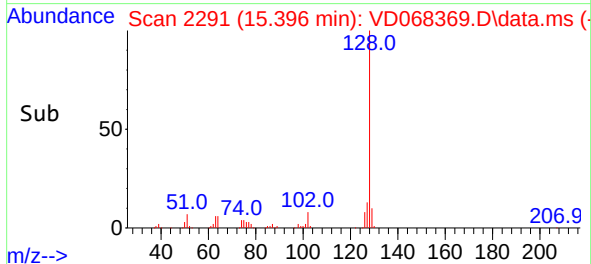
Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01



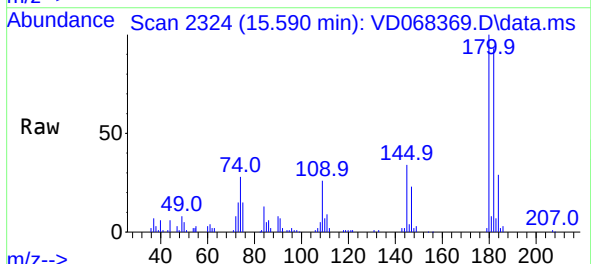
Tgt Ion:128 Resp: 185090
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.3 8.8 13.2

Manual Integrations
APPROVED

MMDadoda
2/17/2021 12:28:20 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.16 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068369.D
Acq: 16 Feb 2021 11:30



Tgt Ion:180 Resp: 86897
Ion Ratio Lower Upper
180 100
182 93.3 48.3 144.8
145 32.0 16.7 50.1

