

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068432.D
 Acq On : 24 Feb 2021 12:50
 Operator : VA/SY
 Sample : M1458-02 5PPBLOQ
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Manual Integrations
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Quant Time: Feb 25 00:39:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 25 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	314133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	553569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	506610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	226398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181717	56.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.16%			
35) Dibromofluoromethane	7.920	113	182645	55.59	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.18%			
50) Toluene-d8	10.343	98	729730	53.58	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.16%			
62) 4-Bromofluorobenzene	12.632	95	235619	53.11	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.22%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	22191	7.71	ug/l	97
3) Chloromethane	2.209	50	24948	7.28	ug/l	100
4) Vinyl Chloride	2.350	62	30008	7.31	ug/l	100
5) Bromomethane	2.773	94	22888	7.81	ug/l	98
6) Chloroethane	2.926	64	19096	7.13	ug/l #	87
7) Trichlorofluoromethane	3.273	101	36675	7.26	ug/l	88
8) Diethyl Ether	3.714	74	10150	6.84	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	22664	7.38	ug/l	90
10) Methyl Iodide	4.297	142	18528	6.42	ug/l	96
11) Tert butyl alcohol	5.203	59	10629	66.02	ug/l #	74
12) 1,1-Dichloroethene	4.079	96	21700	7.26	ug/l	91
13) Acrolein	3.932	56	5208	28.29	ug/l	96
14) Allyl chloride	4.714	41	26111	6.72	ug/l	95
15) Acrylonitrile	5.420	53	20748	32.41	ug/l	98
16) Acetone	4.156	43	16554	33.41	ug/l	97
17) Carbon Disulfide	4.414	76	68291	7.89	ug/l	98
18) Methyl Acetate	4.720	43	11481	8.44	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	41958	6.22	ug/l	93
20) Methylene Chloride	4.961	84	33669	8.54	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	23457	6.78	ug/l	95
22) Diisopropyl ether	6.367	45	49825	5.80	ug/l	97
23) Vinyl Acetate	6.303	43	109695m	24.71	ug/l	
24) 1,1-Dichloroethane	6.273	63	36197	6.15	ug/l	98
25) 2-Butanone	7.214	43	19962	28.82	ug/l	90
26) 2,2-Dichloropropane	7.202	77	28106	5.59	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	24332	6.19	ug/l	95
28) Bromochloromethane	7.550	49	12778	5.24	ug/l	87
29) Tetrahydrofuran	7.561	42	13347	29.79	ug/l	91
30) Chloroform	7.714	83	38726	6.33	ug/l	93
31) Cyclohexane	7.985	56	37147	7.02	ug/l #	90
32) 1,1,1-Trichloroethane	7.914	97	32391	6.13	ug/l #	93
36) 1,1-Dichloropropene	8.114	75	29812	6.09	ug/l	96
37) Ethyl Acetate	7.291	43	10433	6.30	ug/l #	93
38) Carbon Tetrachloride	8.097	117	29629	6.34	ug/l	91
39) Methylcyclohexane	9.355	83	36627	6.10	ug/l	98
40) Benzene	8.349	78	86009	6.16	ug/l	99

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Quant Time: Feb 25 00:39:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	5154	5.41	ug/l #	79
42) 1,2-Dichloroethane	8.432	62	23576	6.33	ug/l	97
43) Isopropyl Acetate	8.449	43	18003	5.68	ug/l	94
44) Trichloroethene	9.120	130	23983	6.31	ug/l	97
45) 1,2-Dichloropropane	9.391	63	20561	6.03	ug/l #	81
46) Dibromomethane	9.479	93	10850	5.87	ug/l	95
47) Bromodichloromethane	9.661	83	28097	5.86	ug/l	97
48) Methyl methacrylate	9.461	41	8891	5.62	ug/l #	91
49) 1,4-Dioxane	9.461	88	2850	131.93	ug/l #	87
51) 4-Methyl-2-Pentanone	10.232	43	43429	26.68	ug/l	100
52) Toluene	10.408	92	54297	6.05	ug/l	93
53) t-1,3-Dichloropropene	10.620	75	25960	5.85	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	32831	6.06	ug/l	92
55) 1,1,2-Trichloroethane	10.802	97	15931	6.24	ug/l #	88
56) Ethyl methacrylate	10.661	69	15956	5.26	ug/l	95
57) 1,3-Dichloropropane	10.949	76	26797	5.98	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.944	63	42563	26.23	ug/l	99
59) 2-Hexanone	10.985	43	28754	26.14	ug/l	99
60) Dibromochloromethane	11.143	129	18993	5.99	ug/l	99
61) 1,2-Dibromoethane	11.249	107	15687	6.35	ug/l	92
64) Tetrachloroethene	10.879	164	19666	6.31	ug/l #	89
65) Chlorobenzene	11.673	112	56843	5.84	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	19924	5.86	ug/l	95
67) Ethyl Benzene	11.749	91	100471	5.75	ug/l	99
68) m/p-Xylenes	11.855	106	75503	11.44	ug/l	99
69) o-Xylene	12.185	106	34963	5.77	ug/l	93
70) Styrene	12.190	104	58182	5.52	ug/l	97
71) Bromoform	12.361	173	10476	6.00	ug/l #	99
73) Isopropylbenzene	12.479	105	93215	5.64	ug/l	100
74) N-amyl acetate	12.290	43	15217	5.21	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.732	83	16397	5.72	ug/l	93
76) 1,2,3-Trichloropropane	12.785	75	9889m	4.59	ug/l	
77) Bromobenzene	12.761	156	21991	5.95	ug/l	89
78) n-propylbenzene	12.820	91	114026	5.76	ug/l	99
79) 2-Chlorotoluene	12.908	91	63494	5.79	ug/l	95
80) 1,3,5-Trimethylbenzene	12.961	105	75418	5.58	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.526	75	4839	5.63	ug/l	99
82) 4-Chlorotoluene	13.002	91	66338	5.72	ug/l	98
83) tert-Butylbenzene	13.220	119	65058	5.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	75880	5.64	ug/l	96
85) sec-Butylbenzene	13.402	105	89846	5.48	ug/l	100
86) p-Isopropyltoluene	13.514	119	81461	5.53	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	40999	5.74	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	40977	5.76	ug/l	94
89) n-Butylbenzene	13.843	91	79421	5.53	ug/l	99
90) Hexachloroethane	14.108	117	16476	6.17	ug/l	86
91) 1,2-Dichlorobenzene	13.884	146	37970	6.13	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	2386	5.69	ug/l	98
93) 1,2,4-Trichlorobenzene	15.161	180	28390	6.99	ug/l	98
94) Hexachlorobutadiene	15.267	225	14964	6.70	ug/l	97
95) Naphthalene	15.396	128	48814	6.47	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	24344	6.88	ug/l	95

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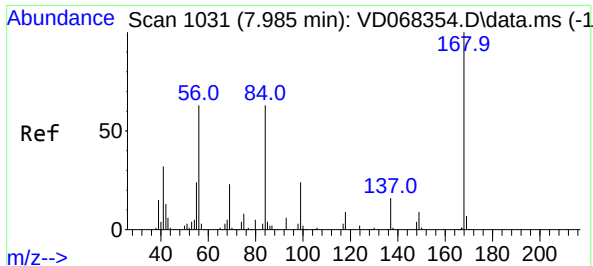
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



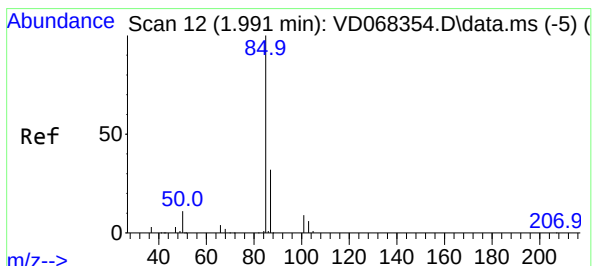
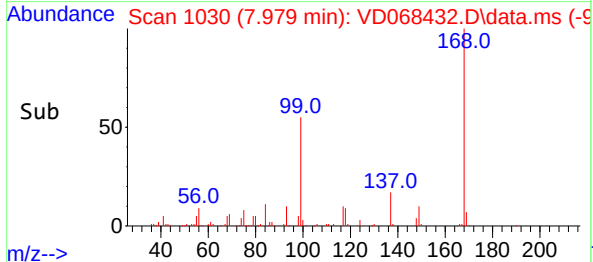
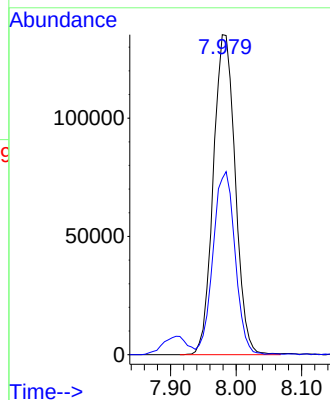
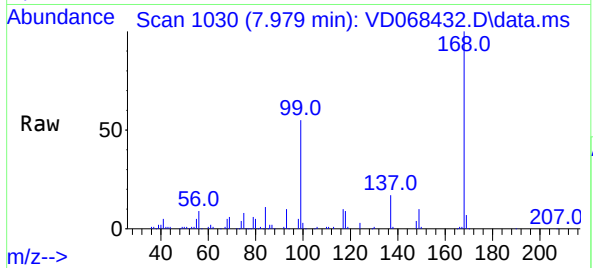
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:168 Resp: 314133
Ion Ratio Lower Upper
168 100
99 54.8 43.5 65.3

Instrument :
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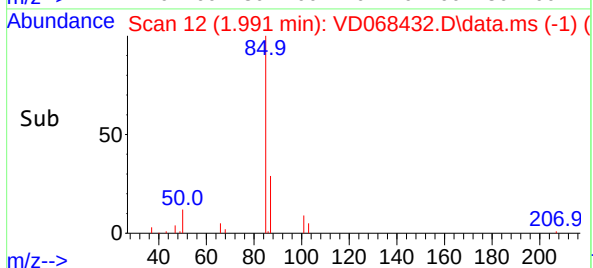
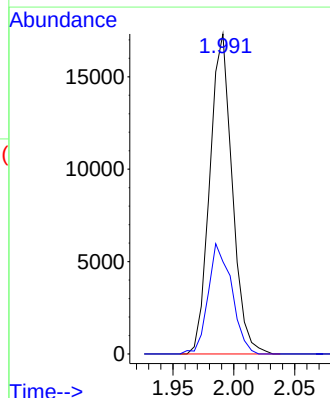
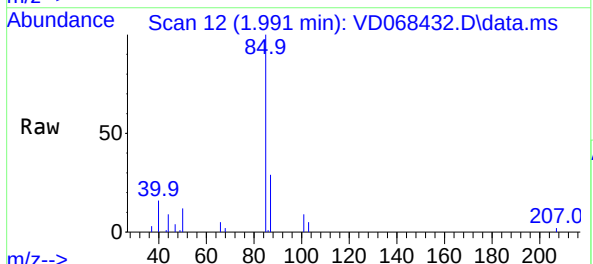
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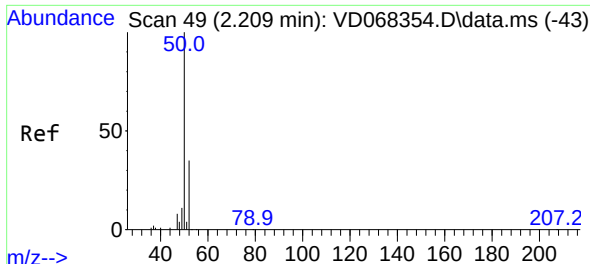
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#2
Dichlorodifluoromethane
Concen: 7.71 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 85 Resp: 22191
Ion Ratio Lower Upper
85 100
87 28.9 15.4 46.1





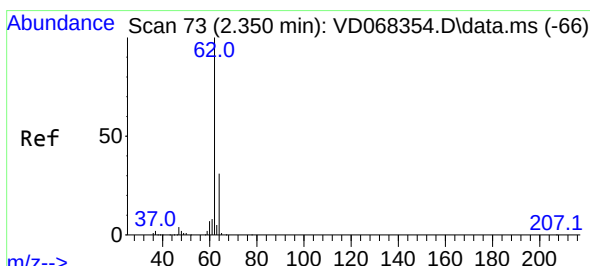
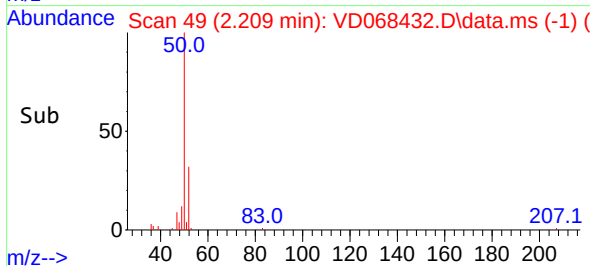
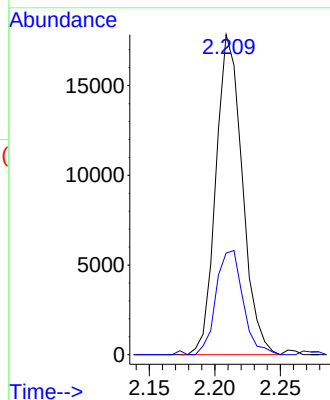
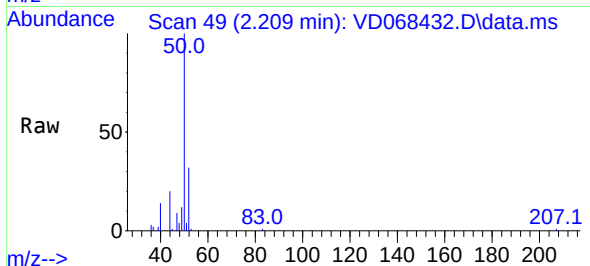
#3
Chloromethane
Concen: 7.28 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 50 Resp: 24948
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
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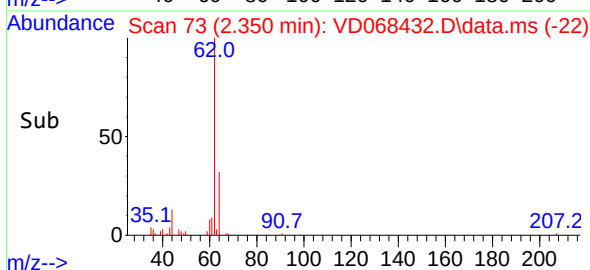
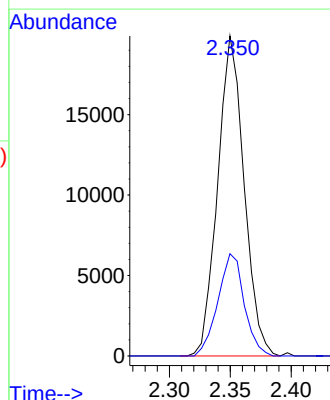
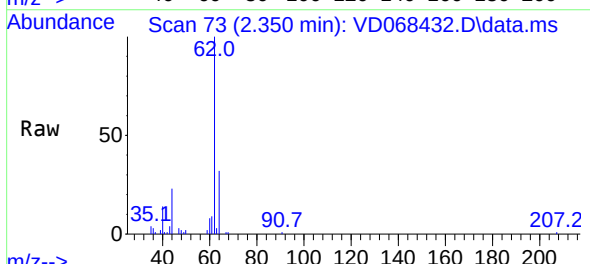
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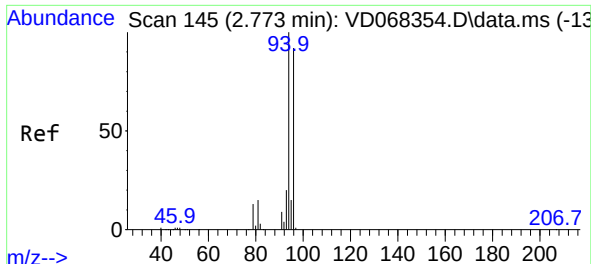
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#4
Vinyl Chloride
Concen: 7.31 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

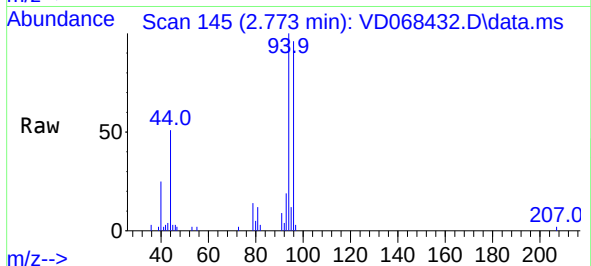
Tgt Ion: 62 Resp: 30008
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2





#5
Bromomethane
Concen: 7.81 ug/l
RT: 2.773 min Scan# 145
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

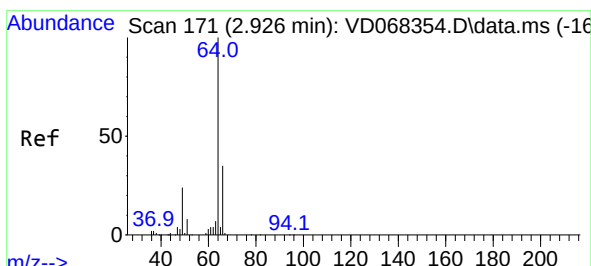
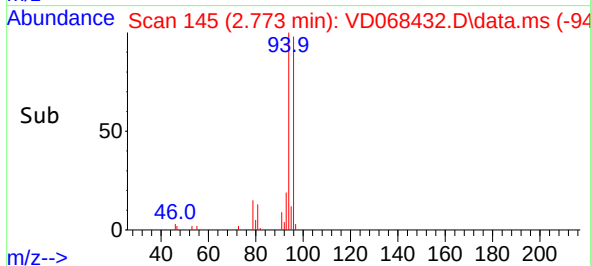
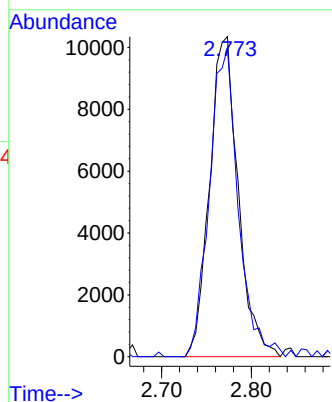
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 94 Resp: 22888
Ion Ratio Lower Upper
94 100
96 96.4 75.8 113.8

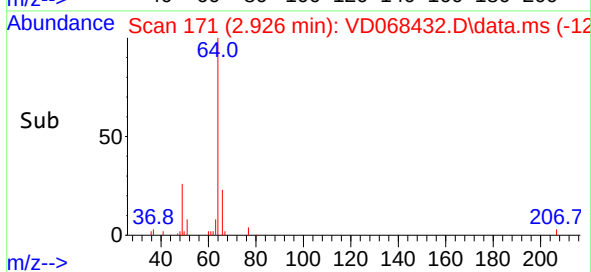
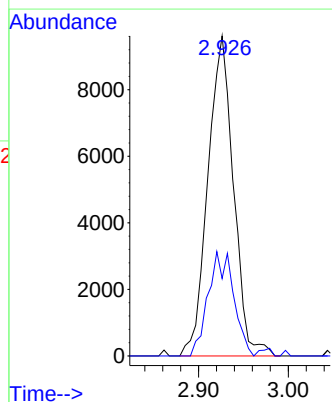
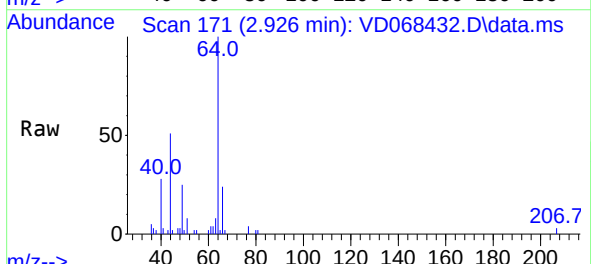
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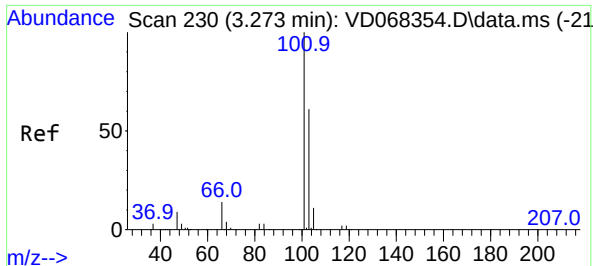
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#6
Chloroethane
Concen: 7.13 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 64 Resp: 19096
Ion Ratio Lower Upper
64 100
66 24.2 25.1 37.7#





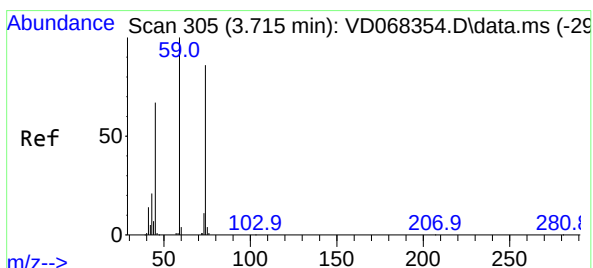
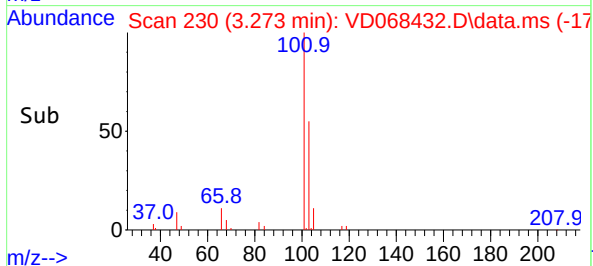
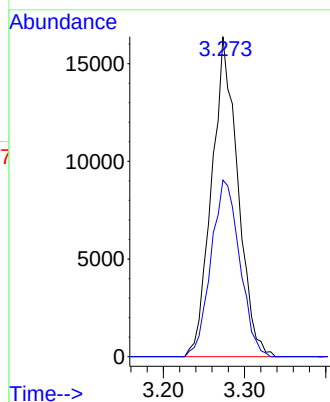
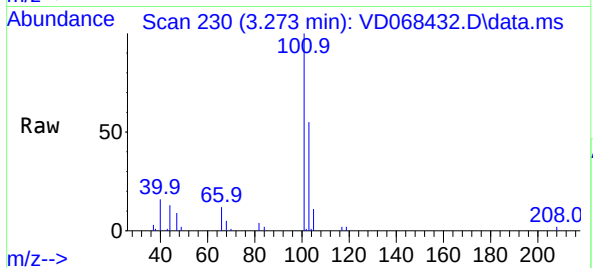
#7
Trichlorofluoromethane
Concen: 7.26 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:101 Resp: 36675
Ion Ratio Lower Upper
101 100
103 55.2 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

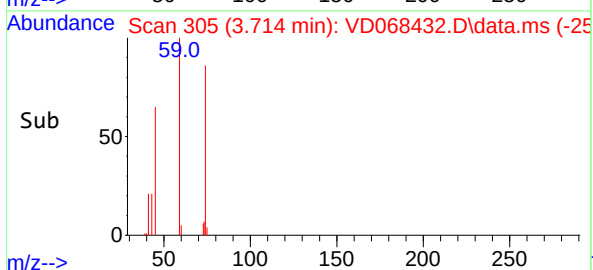
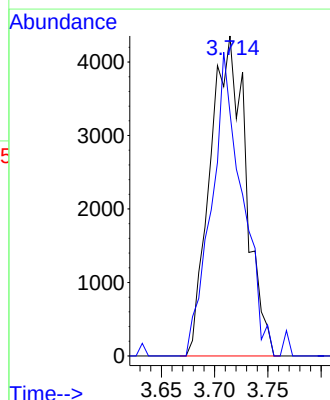
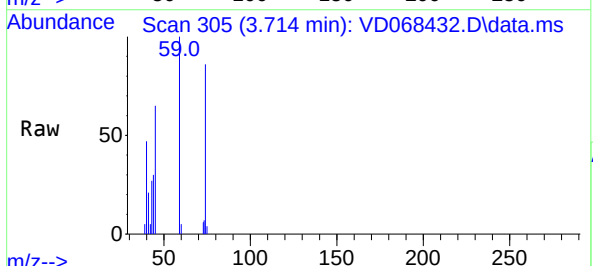
Manual Integrations
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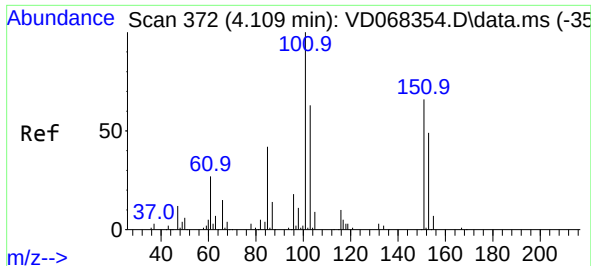
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#8
Diethyl Ether
Concen: 6.84 ug/l
RT: 3.714 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 74 Resp: 10150
Ion Ratio Lower Upper
74 100
45 81.8 42.1 126.4





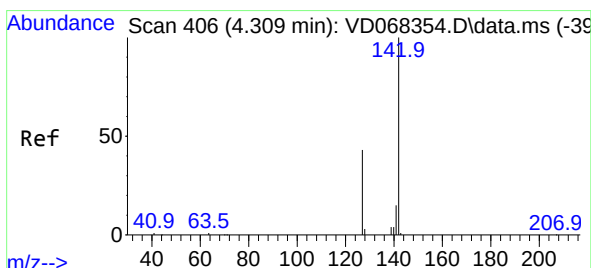
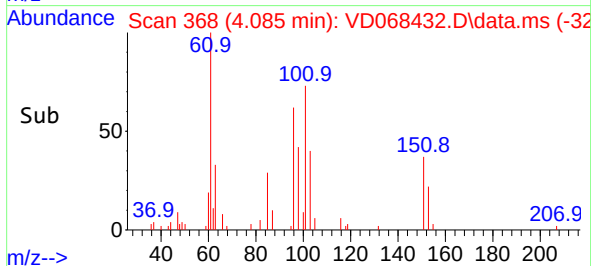
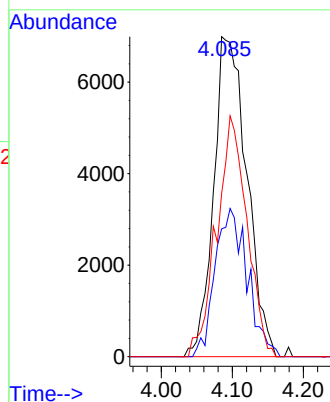
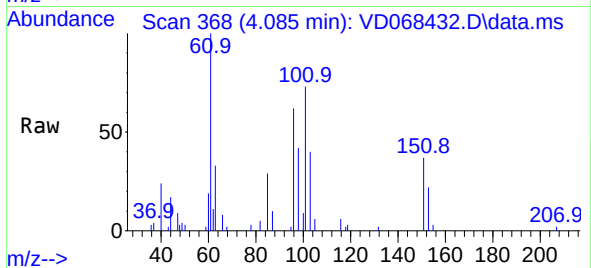
#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.38 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.024 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:	101	Resp:	22664
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.0	51.0
151	68.9	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

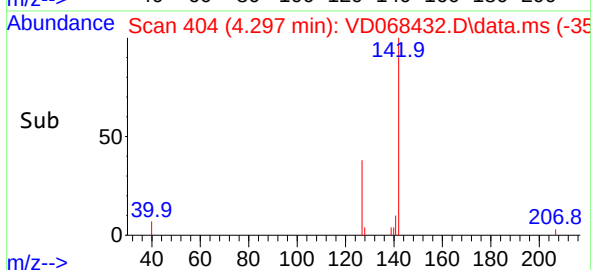
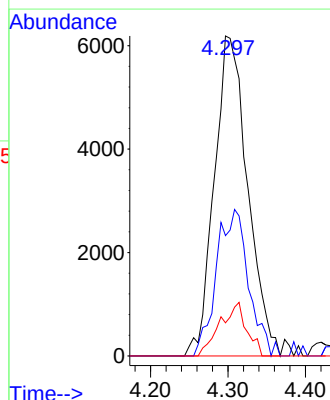
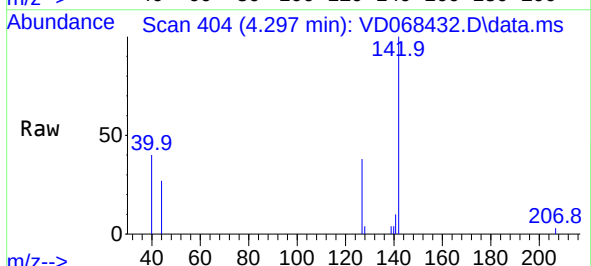
Manual Integrations
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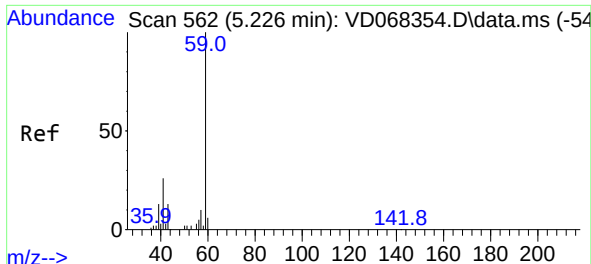
MMDadoda
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#10
Methyl Iodide
Concen: 6.42 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:	142	Resp:	18528
Ion Ratio	Lower	Upper	
142	100		
127	44.2	37.9	56.9
141	13.3	11.5	17.3





#11

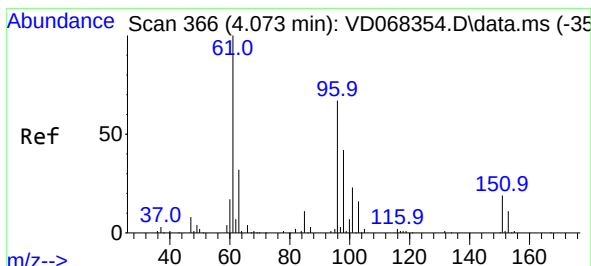
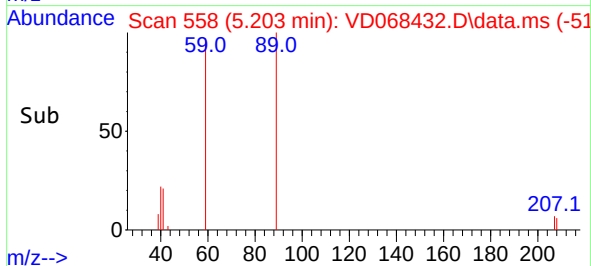
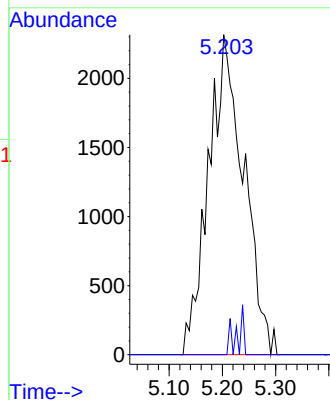
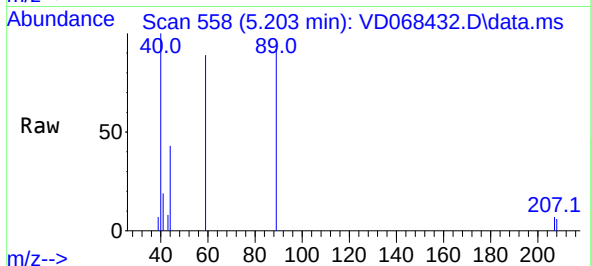
Tert butyl alcohol
Concen: 66.02 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.024 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 59 Resp: 10629
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
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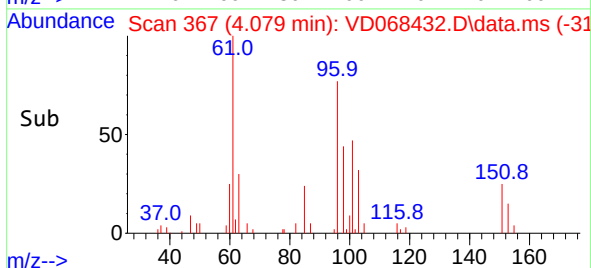
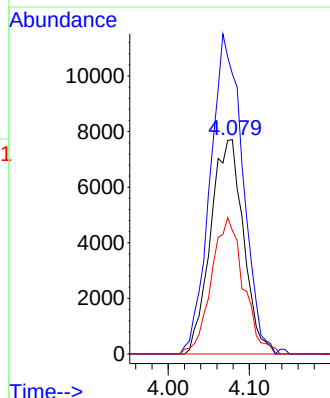
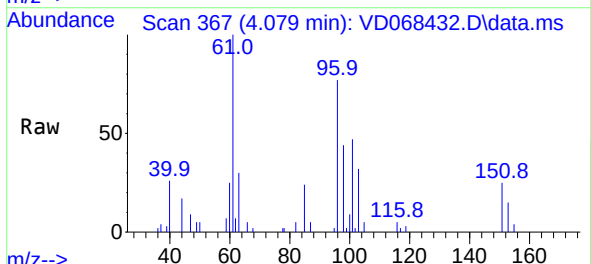
MMDadoda
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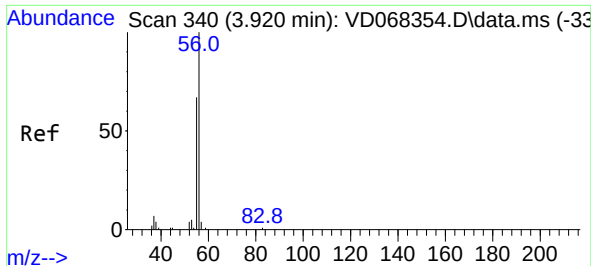


#12

1,1-Dichloroethene
Concen: 7.26 ug/l
RT: 4.079 min Scan# 367
Delta R.T. 0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 96 Resp: 21700
Ion Ratio Lower Upper
96 100
61 130.7 116.2 174.4
98 57.7 48.6 73.0





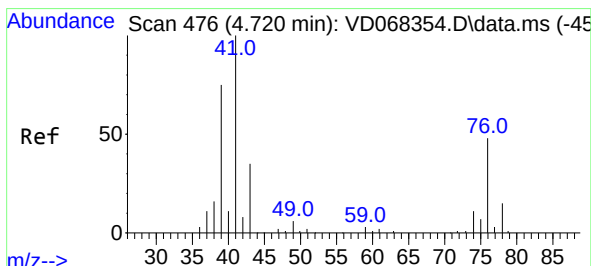
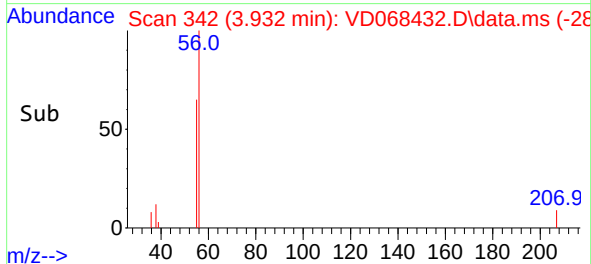
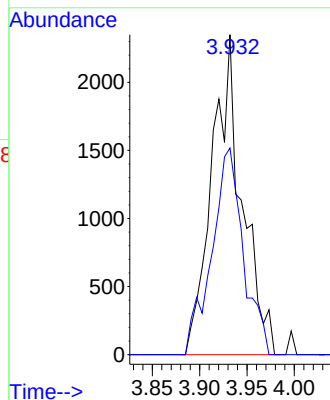
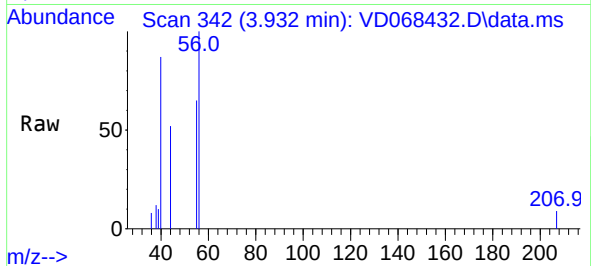
#13
Acrolein
Concen: 28.29 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.012 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 56 Resp: 5208
Ion Ratio Lower Upper
56 100
55 67.5 56.5 84.7

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

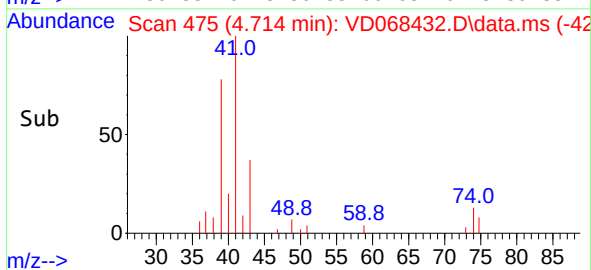
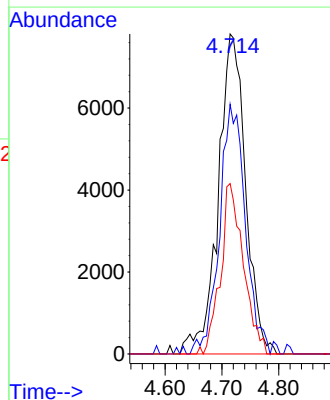
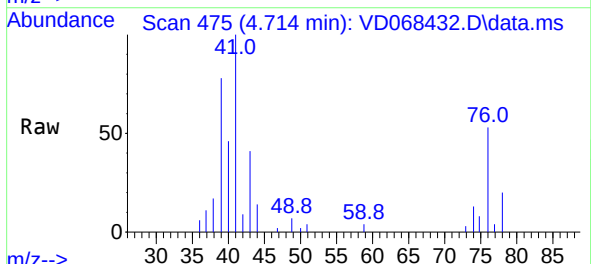
Manual Integrations
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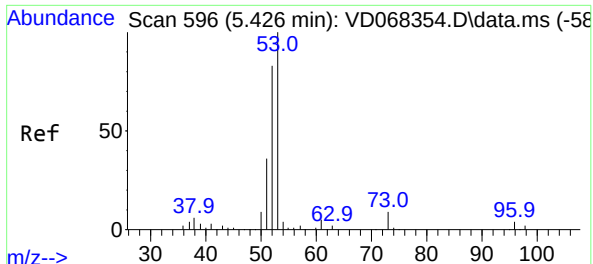
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#14
Allyl chloride
Concen: 6.72 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 41 Resp: 26111
Ion Ratio Lower Upper
41 100
39 73.5 56.3 84.5
76 44.4 38.9 58.3





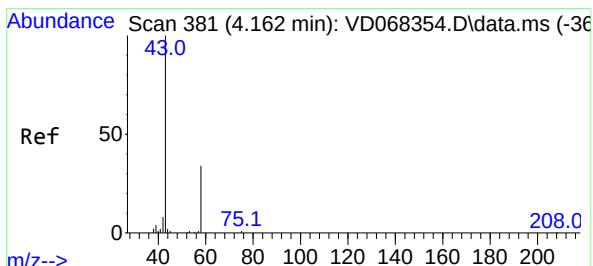
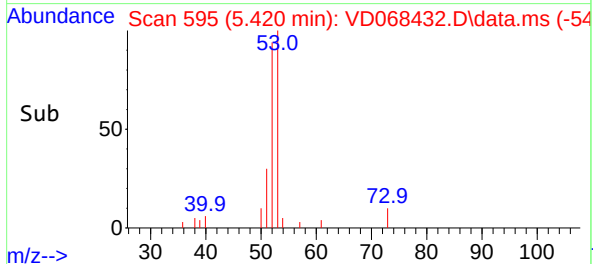
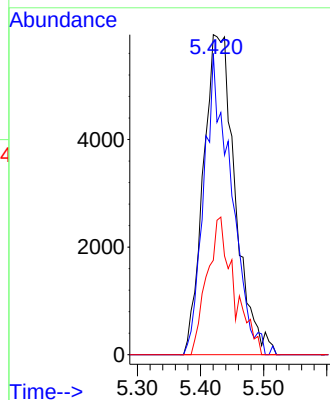
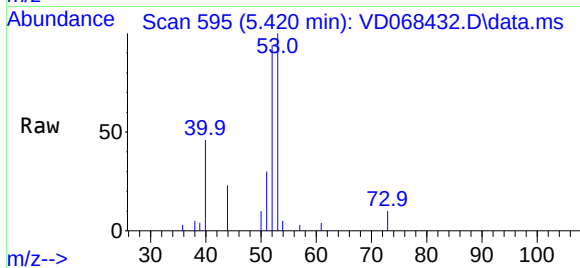
#15
Acrylonitrile
Concen: 32.41 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:	53	Resp:	20748
Ion	Ratio	Lower	Upper
53	100		
52	80.6	66.2	99.2
51	36.6	29.0	43.4

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

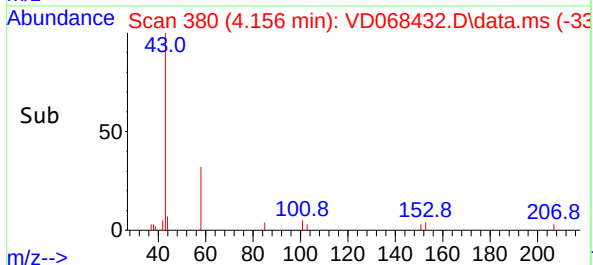
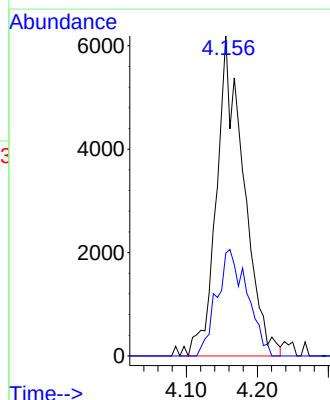
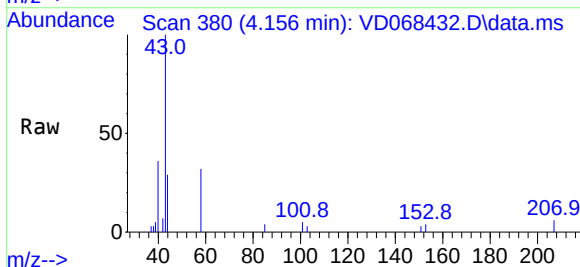
Manual Integrations
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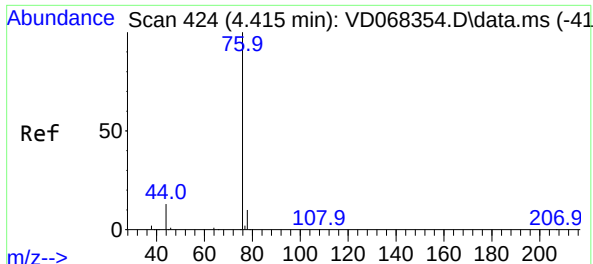
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#16
Acetone
Concen: 33.41 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

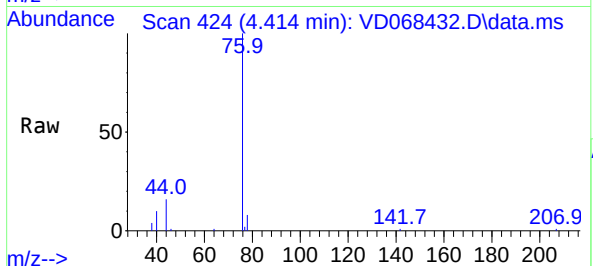
Tgt Ion:	43	Resp:	16554
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.2	36.4





#17
Carbon Disulfide
Concen: 7.89 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

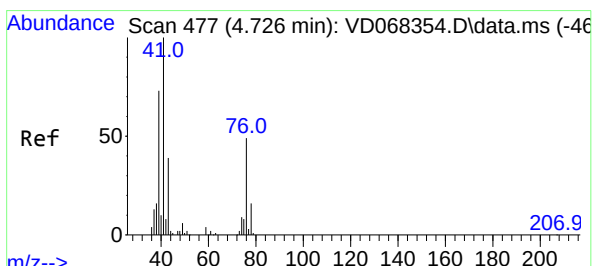
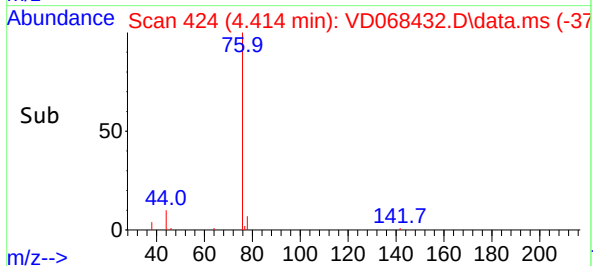
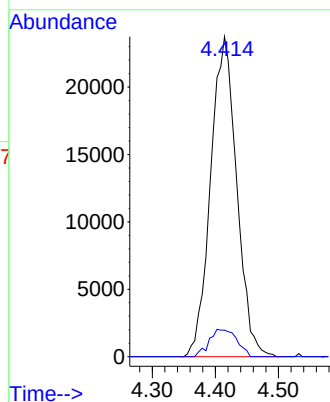
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 76 Resp: 68291
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

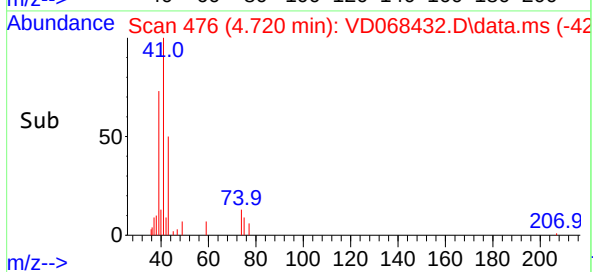
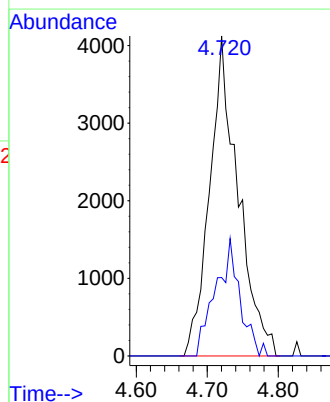
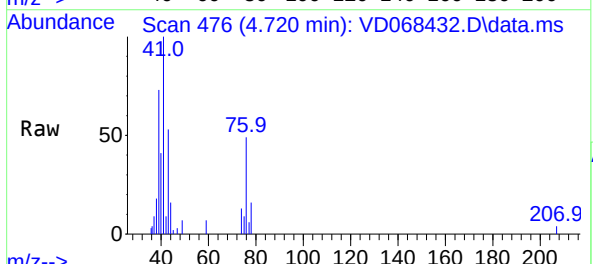
Manual Integrations
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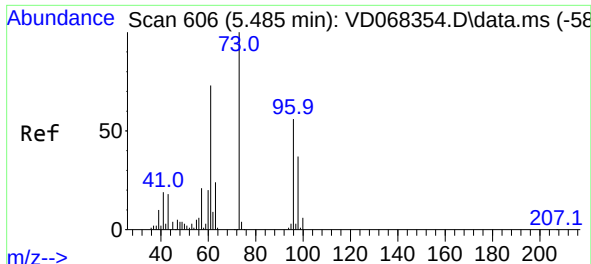
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#18
Methyl Acetate
Concen: 8.44 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 43 Resp: 11481
Ion Ratio Lower Upper
43 100
74 31.4 25.4 38.0

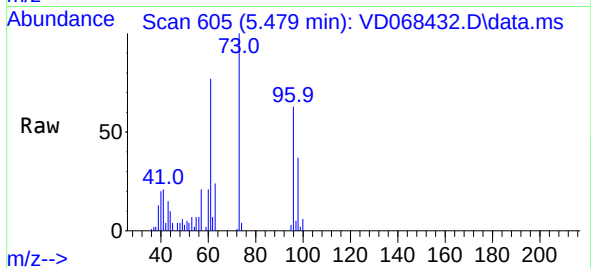




#19

Methyl tert-butyl Ether
Concen: 6.22 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

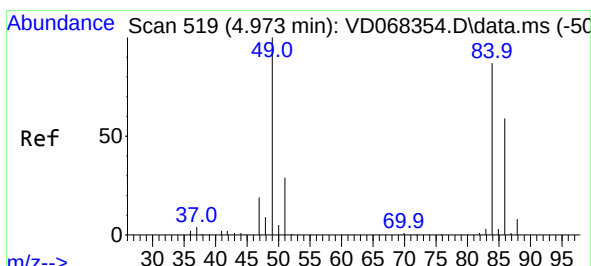
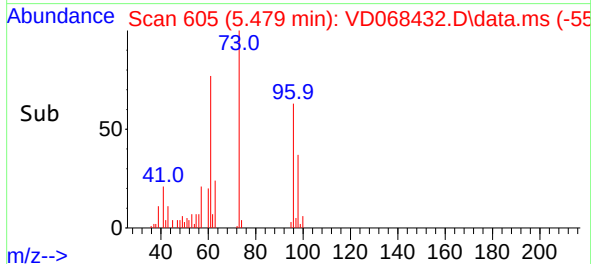
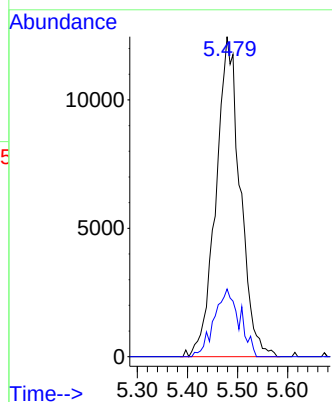
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 73 Resp: 41958
Ion Ratio Lower Upper
73 100
57 21.1 14.4 21.6

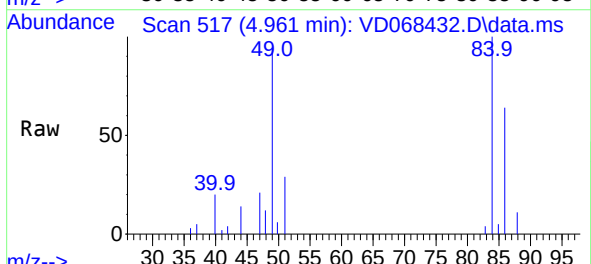
Manual Integrations
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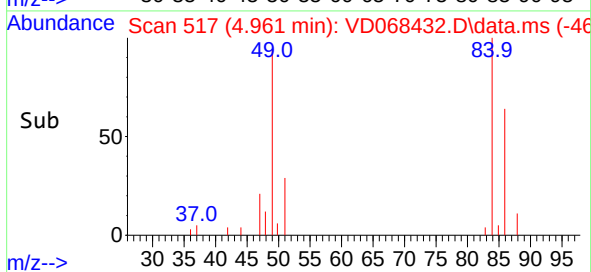
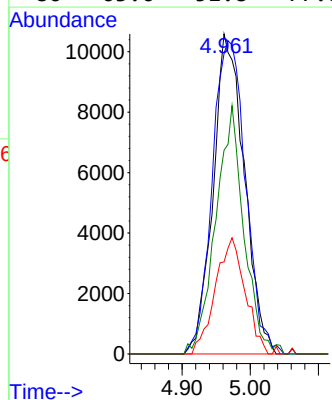


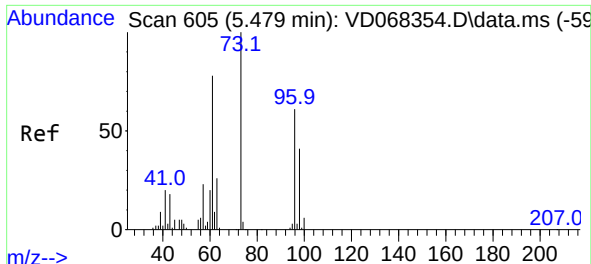
#20

Methylene Chloride
Concen: 8.54 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



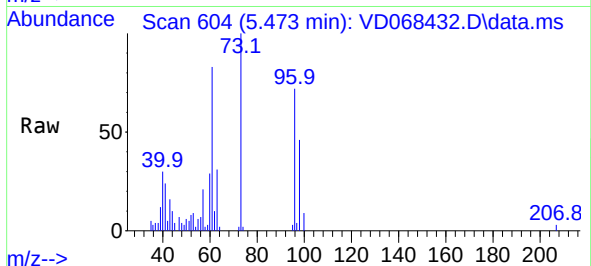
Tgt Ion: 84 Resp: 33669
Ion Ratio Lower Upper
84 100
49 93.9 77.4 116.2
51 28.8 26.1 39.1
86 63.6 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 6.78 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

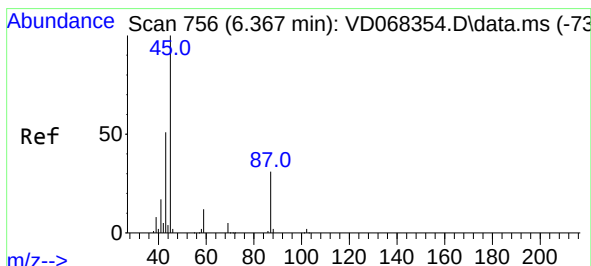
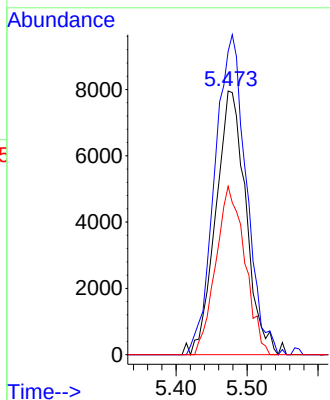
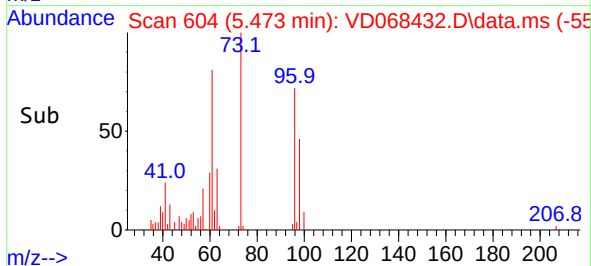
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



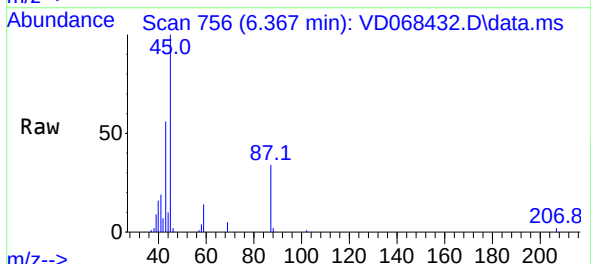
Tgt Ion: 96 Resp: 23457
Ion Ratio Lower Upper
96 100
61 114.9 96.7 145.1
98 63.8 47.6 71.4

Manual Integrations
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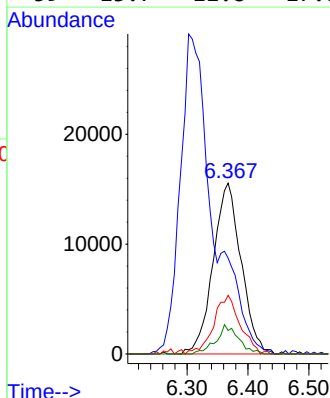
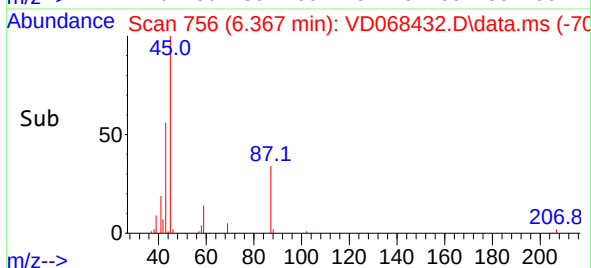
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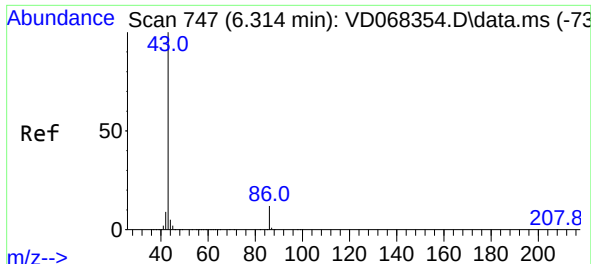


#22
Diisopropyl ether
Concen: 5.80 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



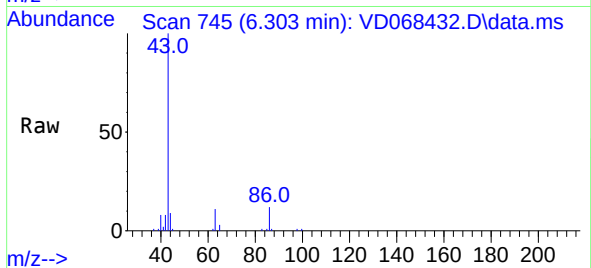
Tgt Ion: 45 Resp: 49825
Ion Ratio Lower Upper
45 100
43 56.1 43.9 65.9
87 34.3 29.9 44.9
59 13.7 11.8 17.8





#23
Vinyl Acetate
Concen: 24.71 ug/l m
RT: 6.303 min Scan# 745
Delta R.T. -0.012 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

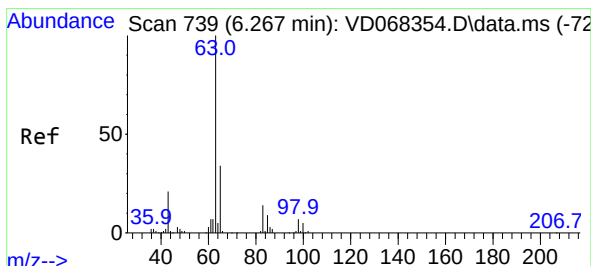
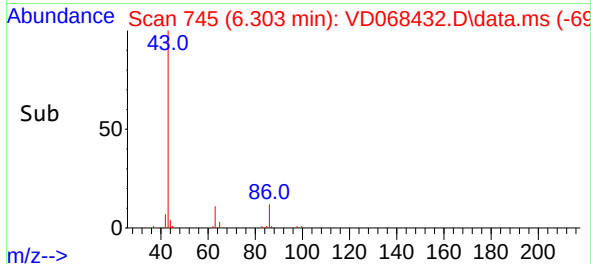
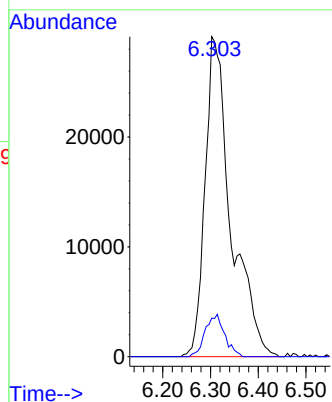
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 43 Resp: 109695
Ion Ratio Lower Upper
43 100
86 12.0 10.8 16.2

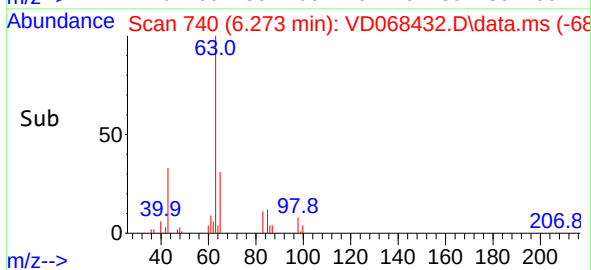
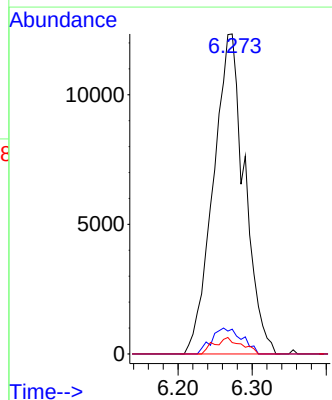
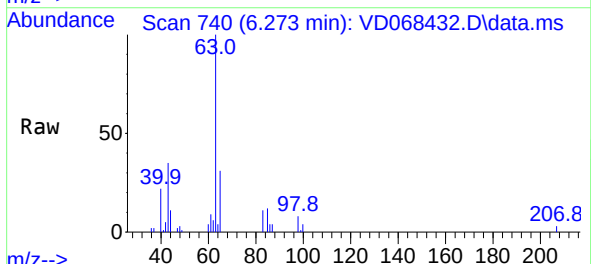
Manual Integrations
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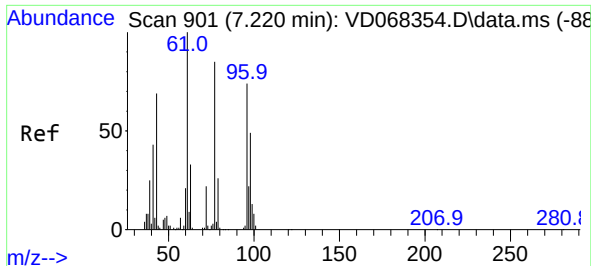
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#24
1,1-Dichloroethane
Concen: 6.15 ug/l
RT: 6.273 min Scan# 740
Delta R.T. 0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 63 Resp: 36197
Ion Ratio Lower Upper
63 100
98 7.8 3.8 11.4
100 3.6 2.6 8.0





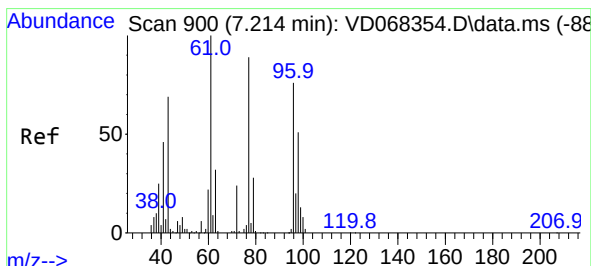
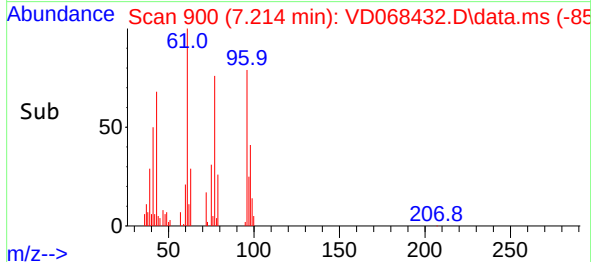
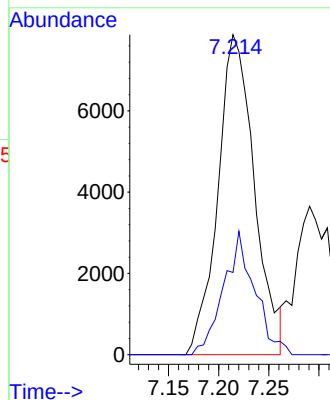
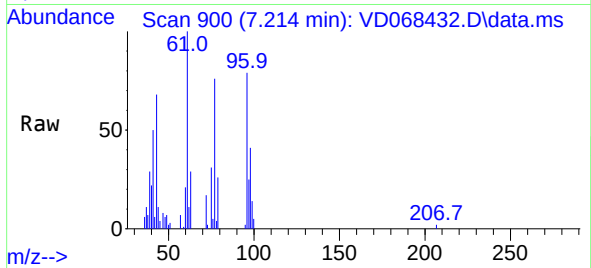
#25
2-Butanone
Concen: 28.82 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 43 Resp: 19962
Ion Ratio Lower Upper
43 100
72 25.7 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

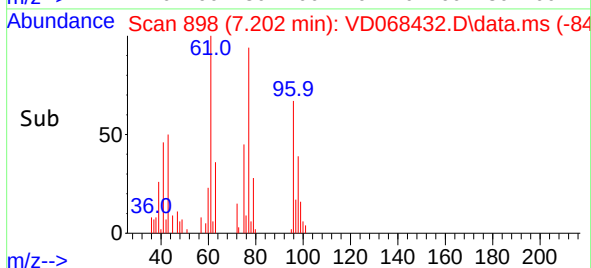
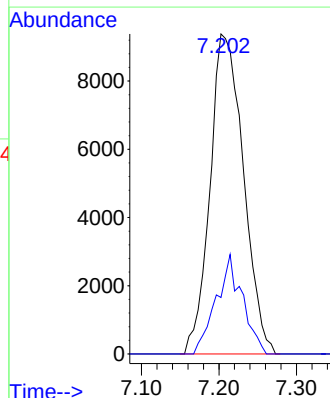
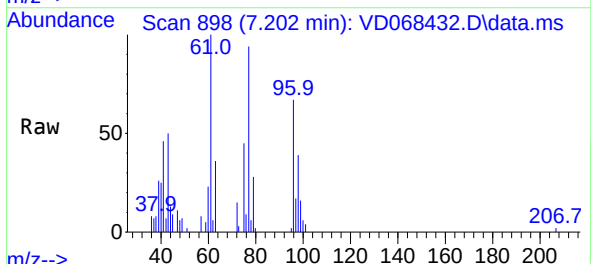
Manual Integrations
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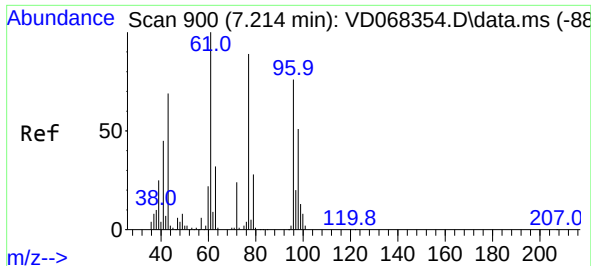
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#26
2,2-Dichloropropane
Concen: 5.59 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

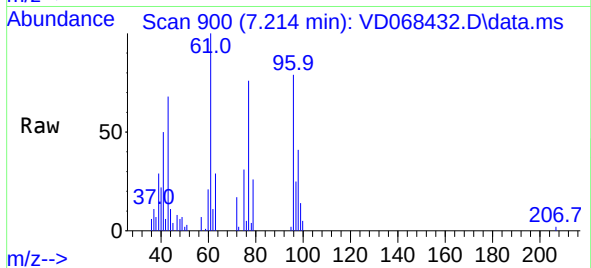
Tgt Ion: 77 Resp: 28106
Ion Ratio Lower Upper
77 100
97 24.4 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 6.19 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

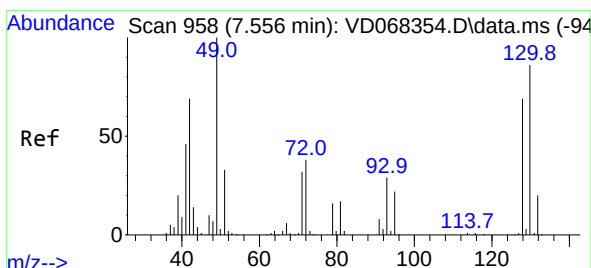
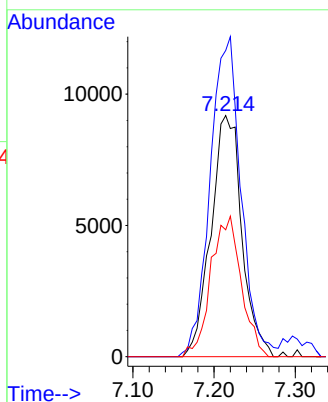
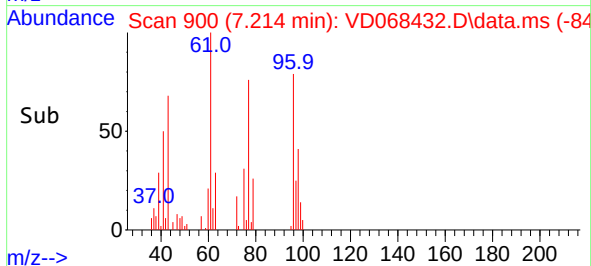
Instrument :
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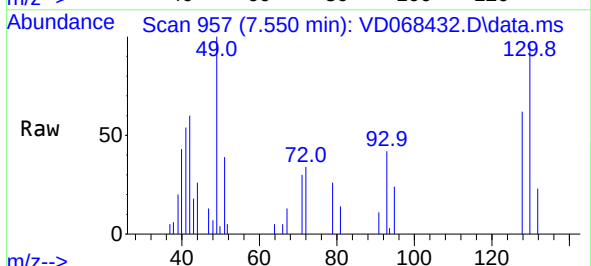
Tgt Ion: 96 Resp: 24332
Ion Ratio Lower Upper
96 100
61 132.6 0.0 257.4
98 57.1 0.0 126.6

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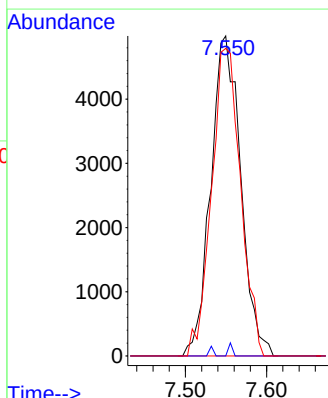
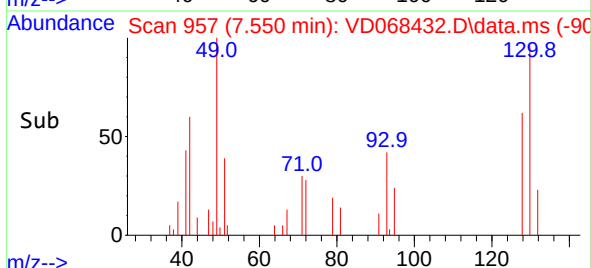
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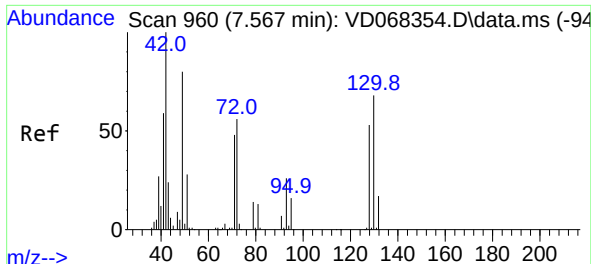


#28
Bromochloromethane
Concen: 5.24 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



Tgt Ion: 49 Resp: 12778
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.8
130 93.4 85.5 128.3





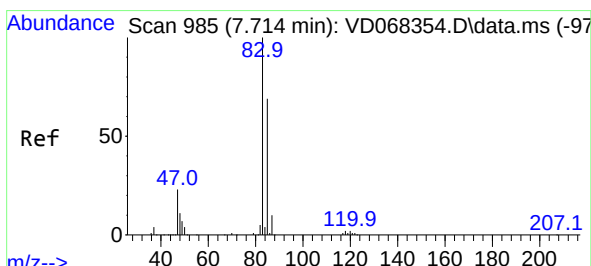
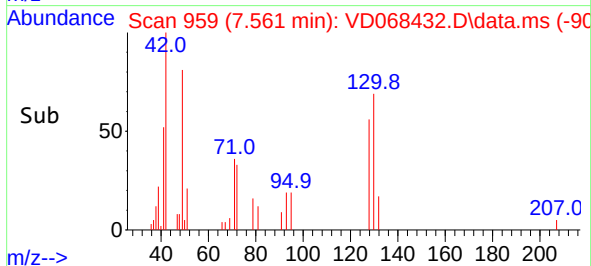
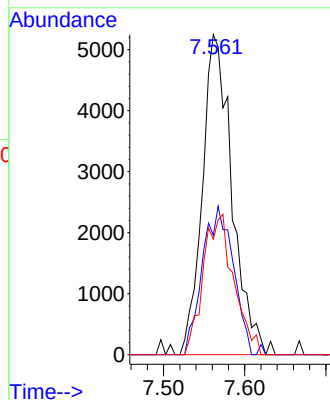
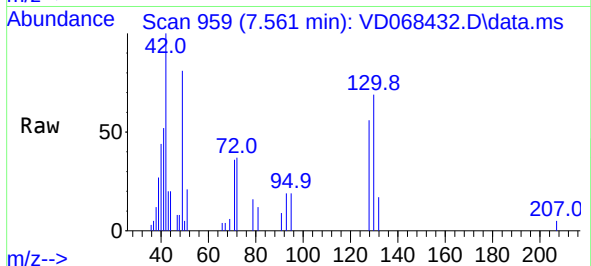
#29
Tetrahydrofuran
Concen: 29.79 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:	42	Resp:	13347
Ion	Ratio	Lower	Upper
42	100		
72	48.0	43.4	65.0
71	45.2	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
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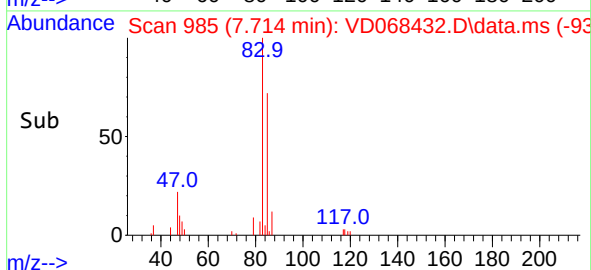
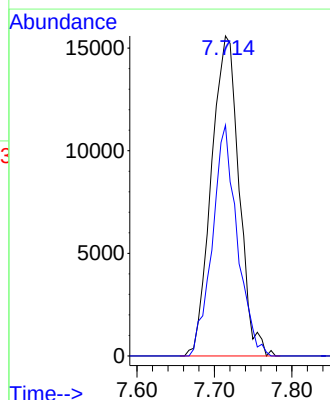
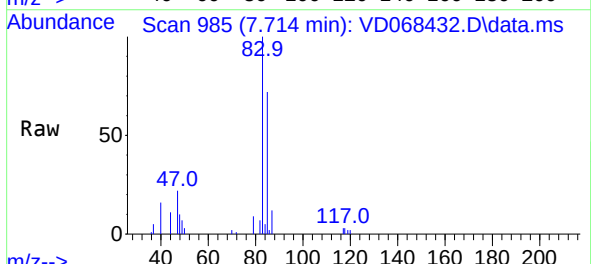
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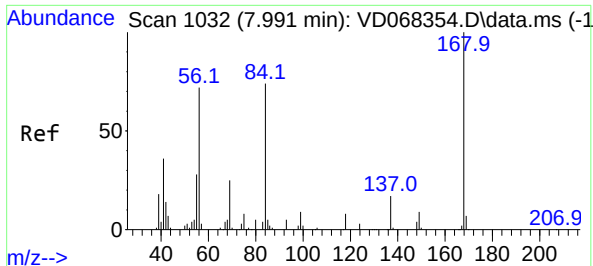
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#30
Chloroform
Concen: 6.33 ug/l
RT: 7.714 min Scan# 985
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

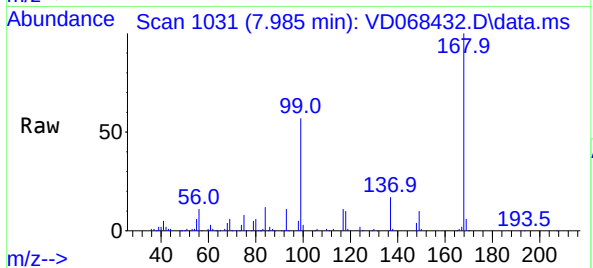
Tgt Ion:	83	Resp:	38726
Ion	Ratio	Lower	Upper
83	100		
85	72.1	53.4	80.0





#31
Cyclohexane
Concen: 7.02 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

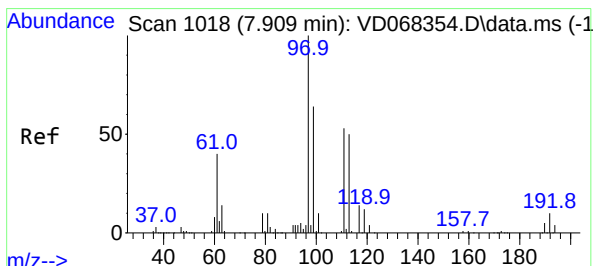
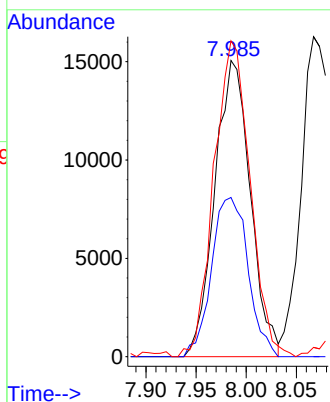
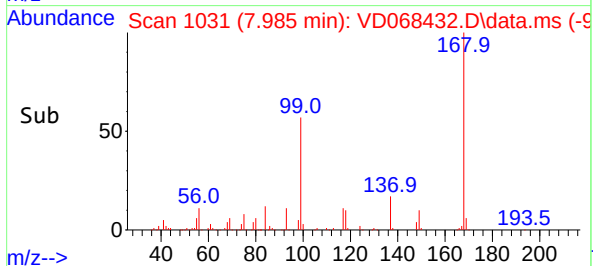
Instrument :
MSVOA_D
ClientSampleId :
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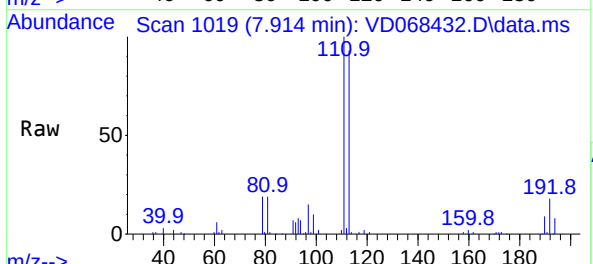
Tgt Ion: 56 Resp: 37147
Ion Ratio Lower Upper
56 100
69 53.7 30.1 45.1#
84 106.6 82.1 123.1

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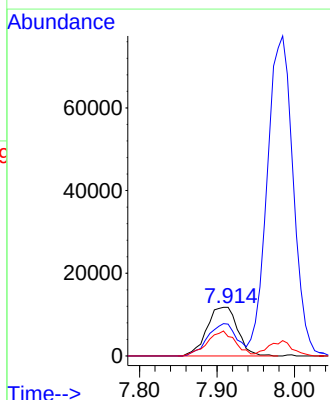
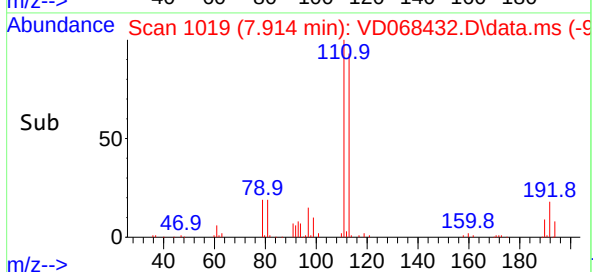
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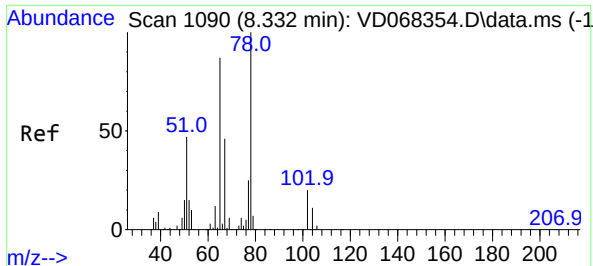


#32
1,1,1-Trichloroethane
Concen: 6.13 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

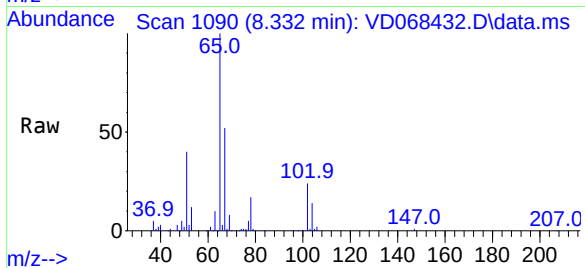


Tgt Ion: 97 Resp: 32391
Ion Ratio Lower Upper
97 100
99 63.0 52.1 78.1
61 46.8 30.1 45.1#

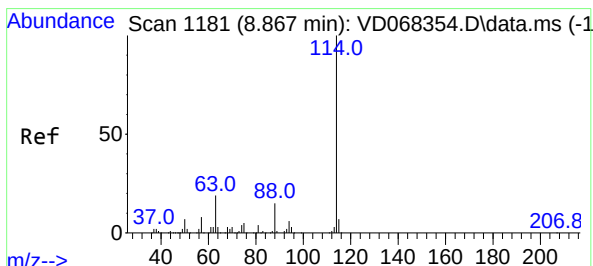
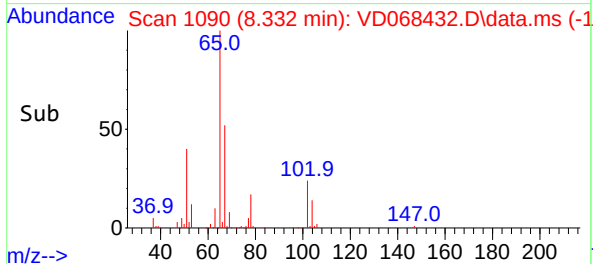
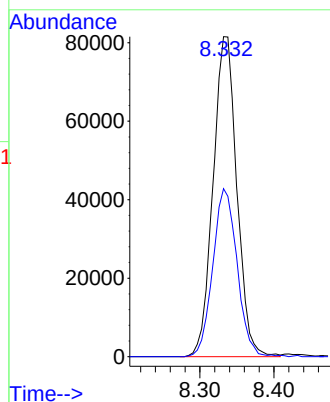




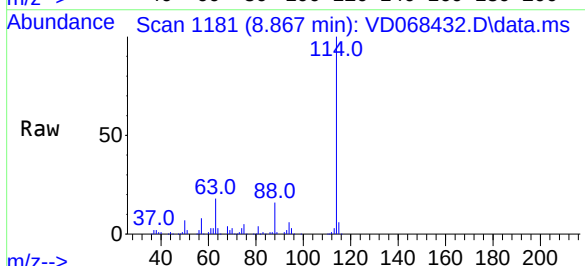
#33
1,2-Dichloroethane-d4
Concen: 56.58 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



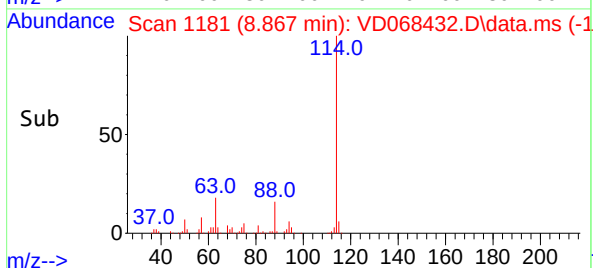
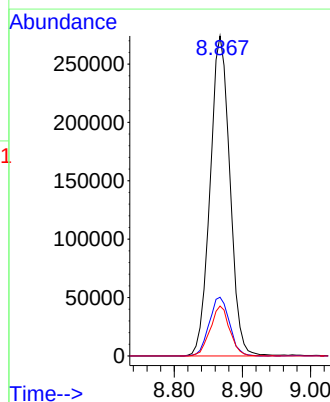
Tgt Ion: 65 Resp: 181717
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



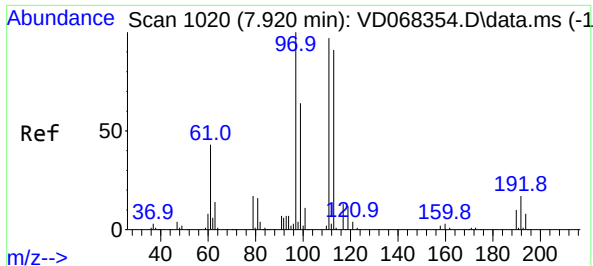
Tgt Ion: 114 Resp: 553569
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 15.6 0.0 31.6



Instrument :
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ClientSampleId :
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#35

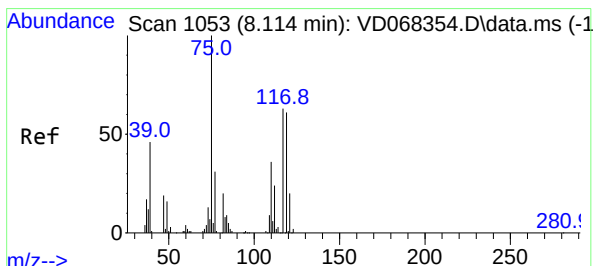
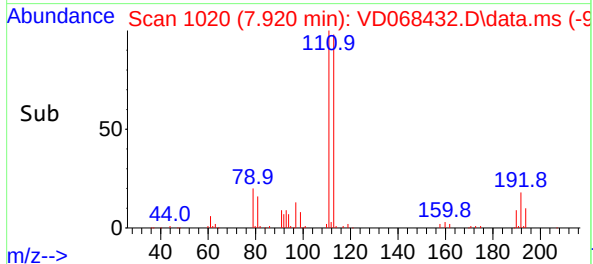
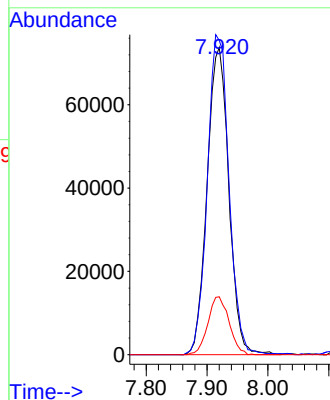
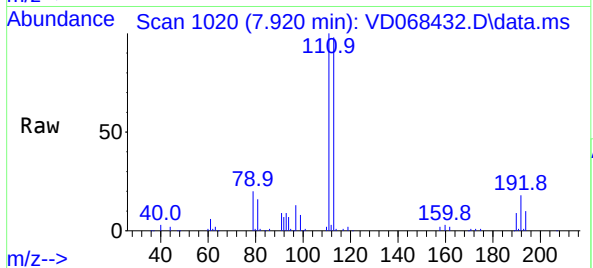
Dibromofluoromethane
Concen: 55.59 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 113 Resp: 182645
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 18.4 16.1 24.1

Instrument :
MSVOA_D
ClientSampleId :
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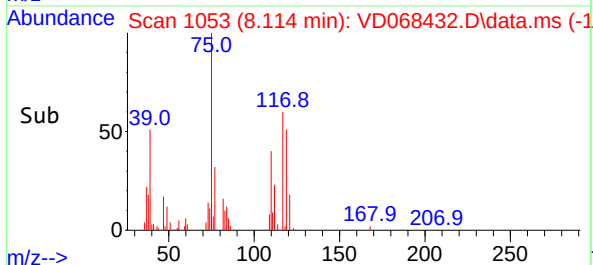
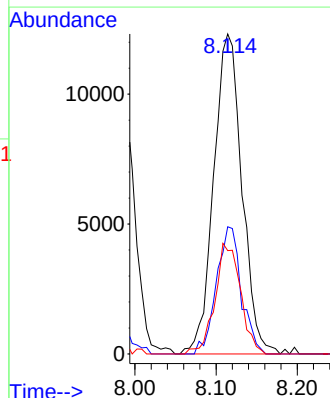
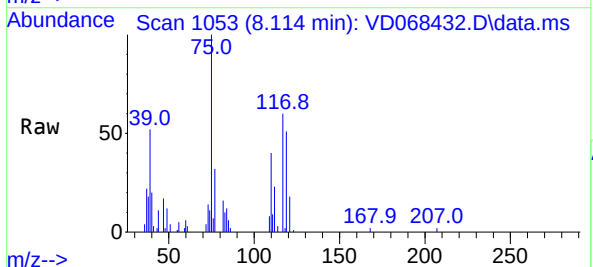
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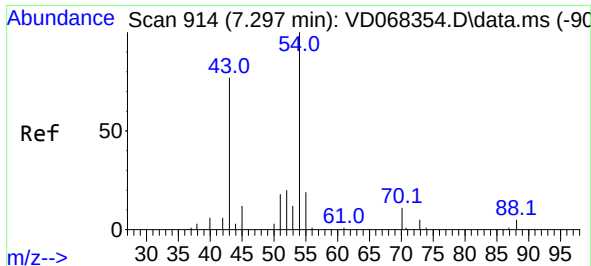


#36

1,1-Dichloropropene
Concen: 6.09 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

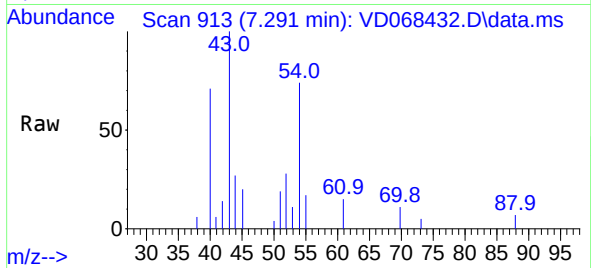
Tgt Ion: 75 Resp: 29812
Ion Ratio Lower Upper
75 100
110 35.0 19.4 58.2
77 31.2 25.3 37.9





#37
Ethyl Acetate
Concen: 6.30 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

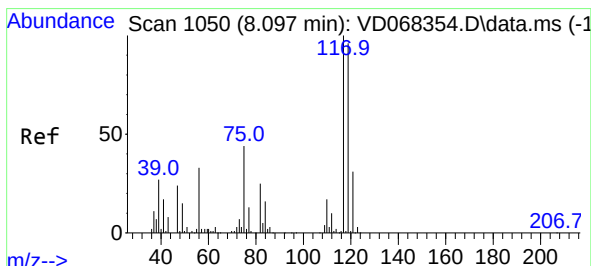
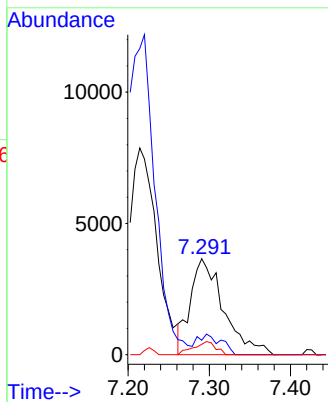
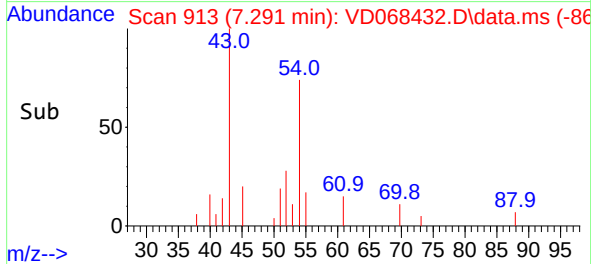
Instrument :
MSVOA_D
ClientSampleId :
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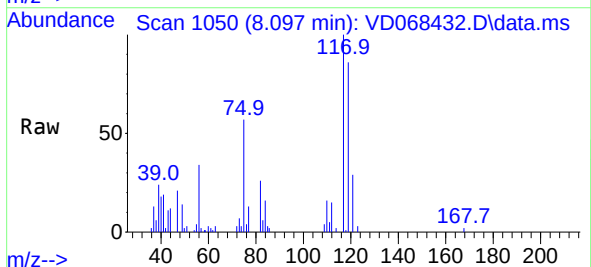
Tgt Ion: 43 Resp: 10433
Ion Ratio Lower Upper
43 100
61 14.9 12.9 19.3
70 9.0 11.0 16.6#

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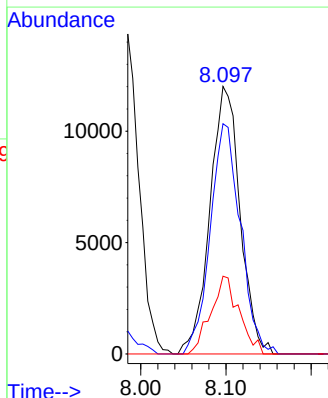
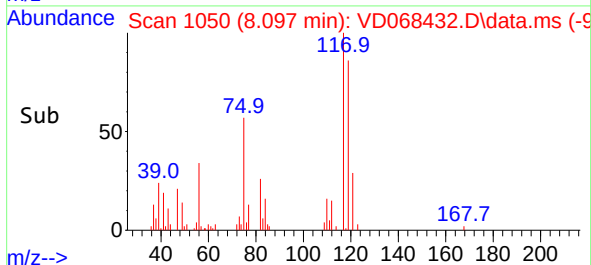
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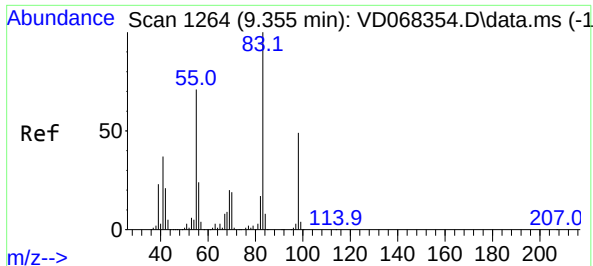


#38
Carbon Tetrachloride
Concen: 6.34 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



Tgt Ion: 117 Resp: 29629
Ion Ratio Lower Upper
117 100
119 86.1 77.3 115.9
121 29.1 24.7 37.1





#39

Methylcyclohexane

Concen: 6.10 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068432.D

Acq: 24 Feb 2021 12:50

Tgt Ion:	83	Resp:	36627
Ion	Ratio	Lower	Upper
83	100		
55	71.7	55.2	82.8
98	48.6	39.1	58.7

Instrument :

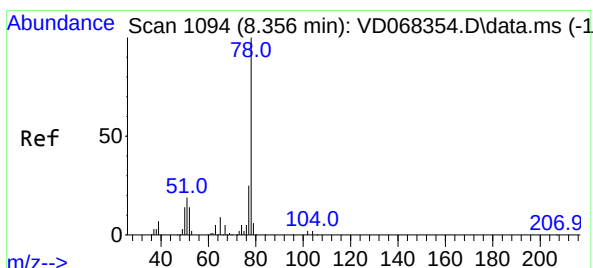
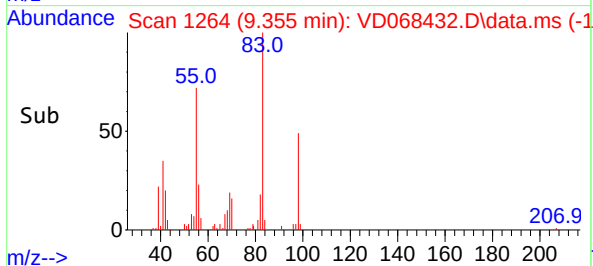
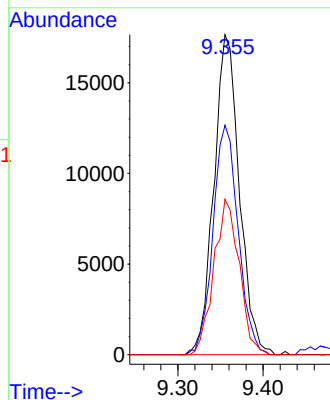
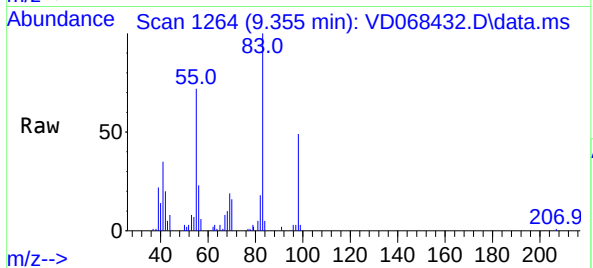
MSVOA_D

ClientSampleId :

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#40

Benzene

Concen: 6.16 ug/l

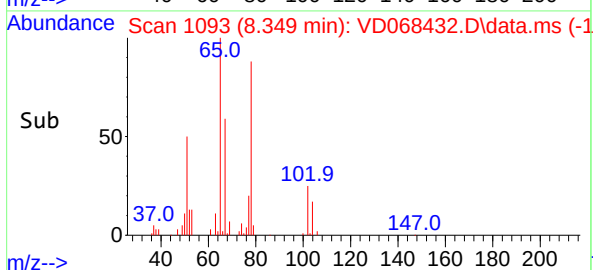
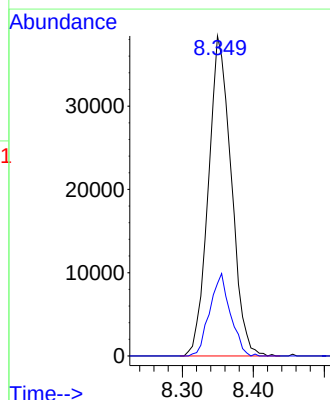
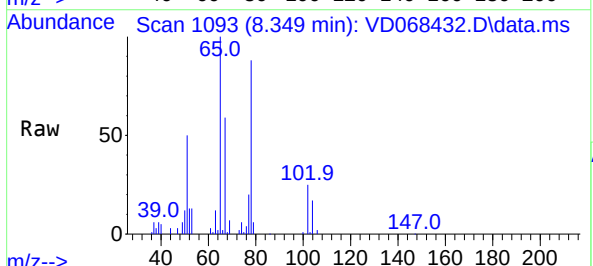
RT: 8.349 min Scan# 1093

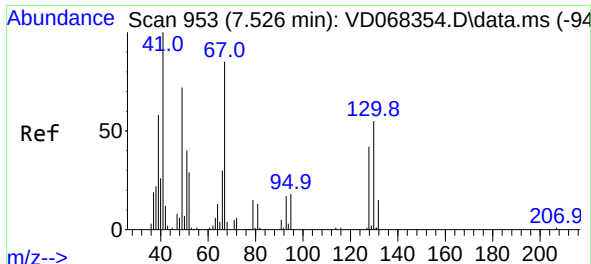
Delta R.T. -0.006 min

Lab File: VD068432.D

Acq: 24 Feb 2021 12:50

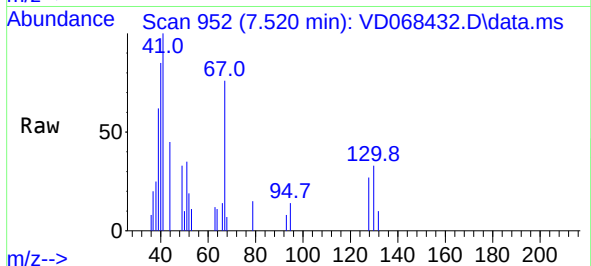
Tgt Ion:	78	Resp:	86009
Ion	Ratio	Lower	Upper
78	100		
77	22.6	17.8	26.6





#41
Methacrylonitrile
Concen: 5.41 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

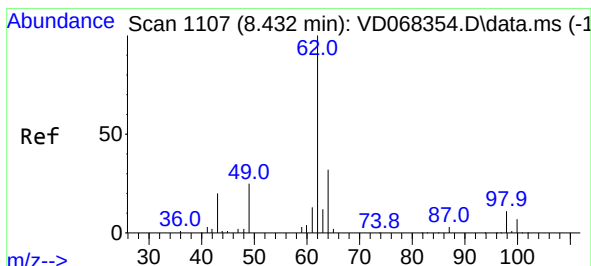
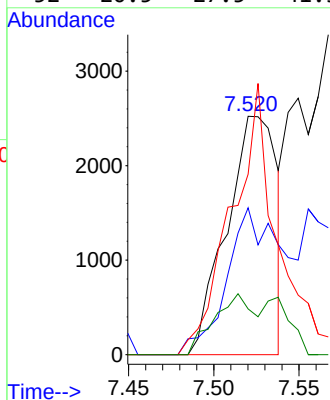
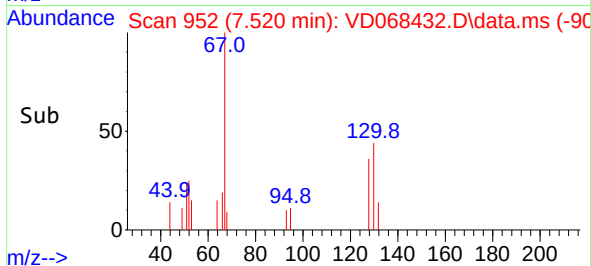
Instrument :
MSVOA_D
ClientSampleId :
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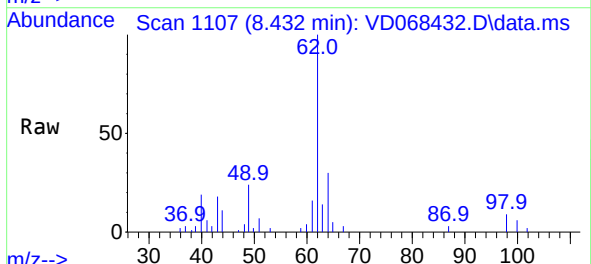
Tgt Ion:	41	Resp:	5154
Ion	Ratio	Lower	Upper
41	100		
39	71.6	45.2	67.8#
67	102.6	67.4	101.2#
52	20.5	27.5	41.3#

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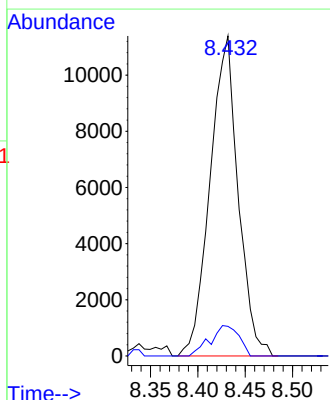
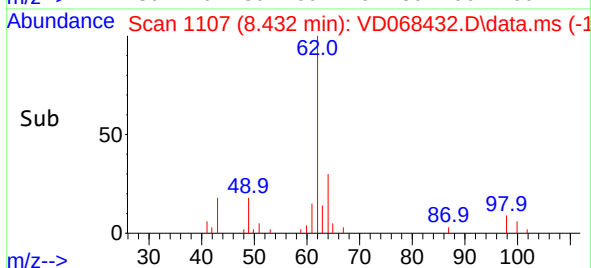
MMDadoda
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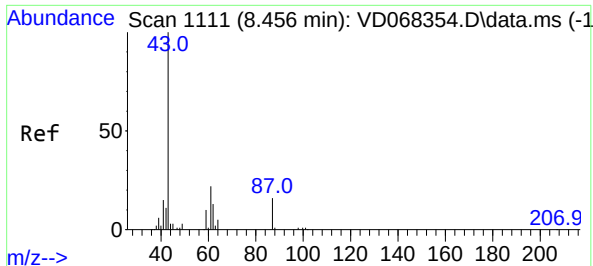


#42
1,2-Dichloroethane
Concen: 6.33 ug/l
RT: 8.432 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



Tgt Ion:	62	Resp:	23576
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	21.8





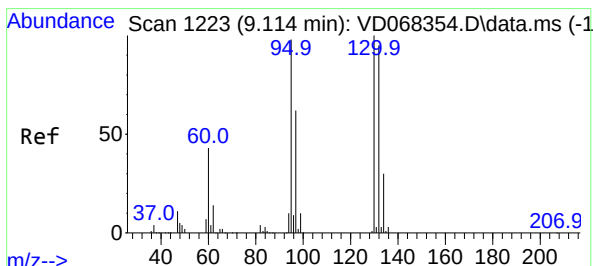
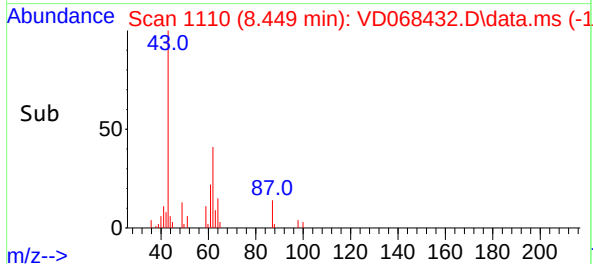
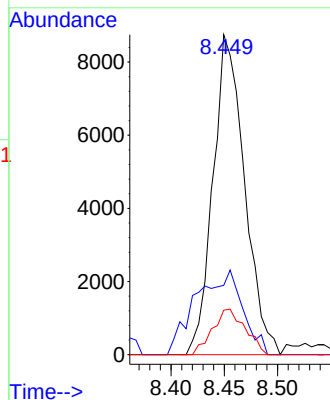
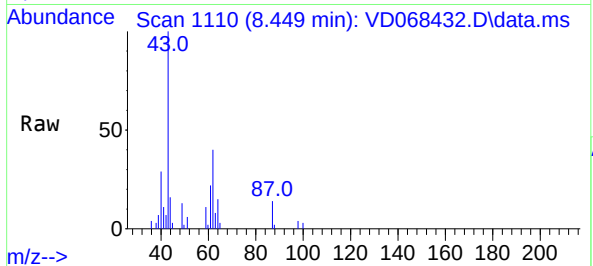
#43
Isopropyl Acetate
Concen: 5.68 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:	43	Resp:	18003
Ion	Ratio	Lower	Upper
43	100		
61	39.0	28.7	43.1
87	14.8	13.9	20.9

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

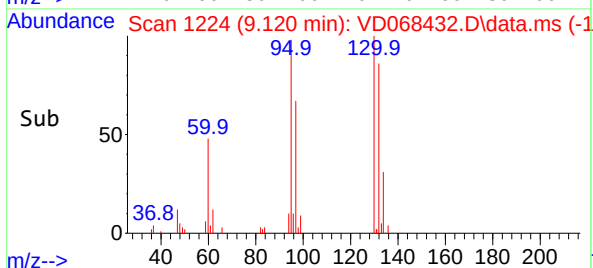
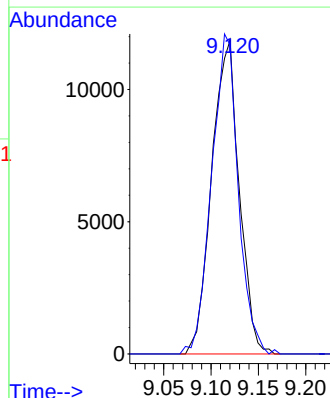
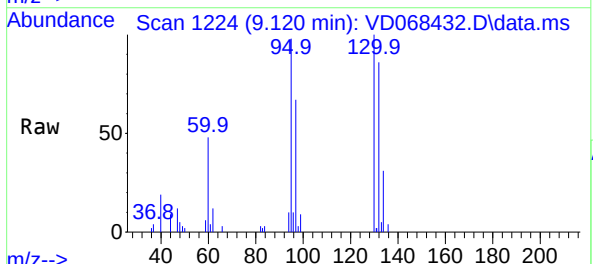
Manual Integrations
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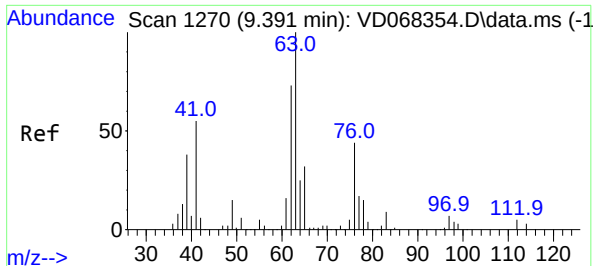
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#44
Trichloroethene
Concen: 6.31 ug/l
RT: 9.120 min Scan# 1224
Delta R.T. 0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:	130	Resp:	23983
Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	191.2





#45

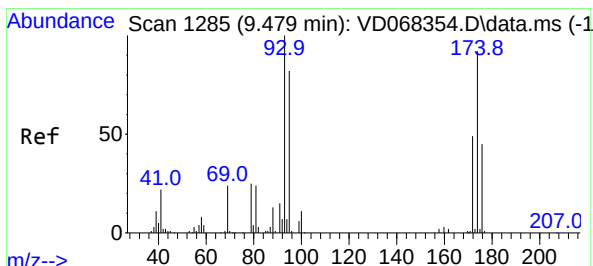
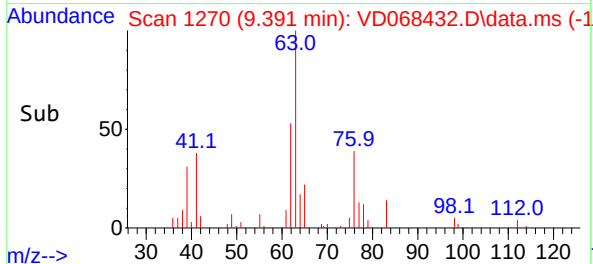
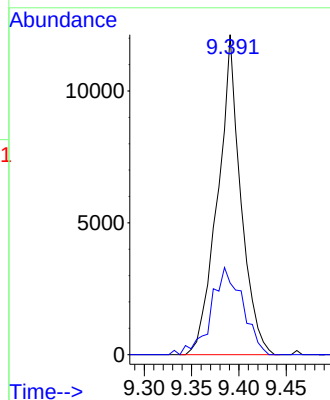
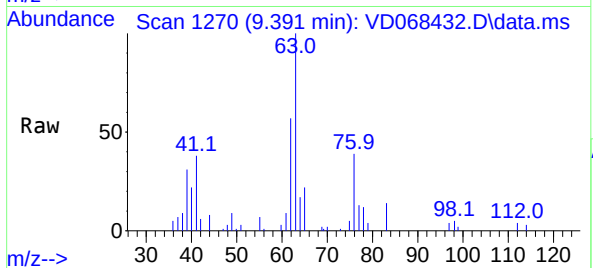
1,2-Dichloropropane
Concen: 6.03 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 63 Resp: 20561
Ion Ratio Lower Upper
63 100
65 22.4 26.6 40.0#

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

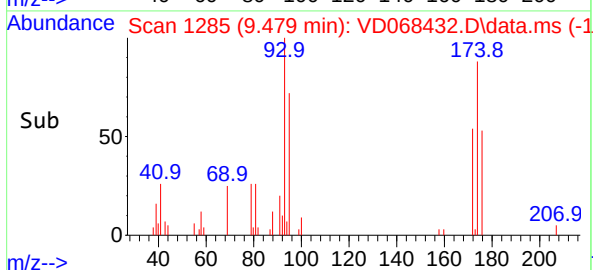
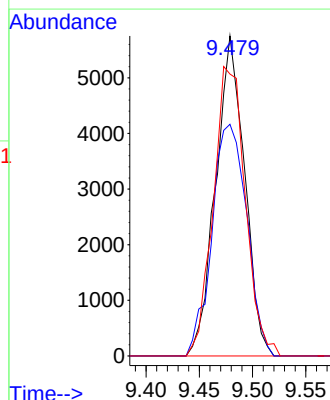
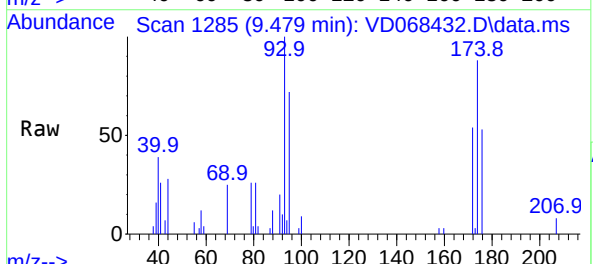
MMDadoda
2/25/2021 12:16:49 PM

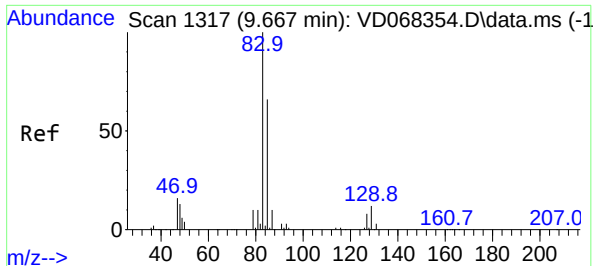


#46

Dibromomethane
Concen: 5.87 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

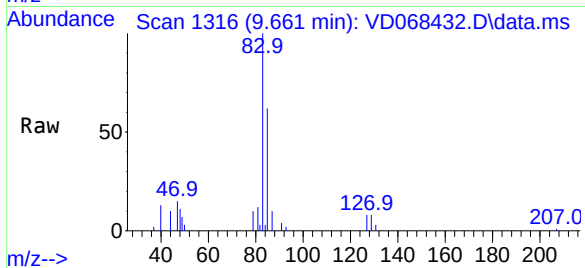
Tgt Ion: 93 Resp: 10850
Ion Ratio Lower Upper
93 100
95 87.2 67.3 100.9
174 99.9 84.6 127.0





#47
Bromodichloromethane
Concen: 5.86 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

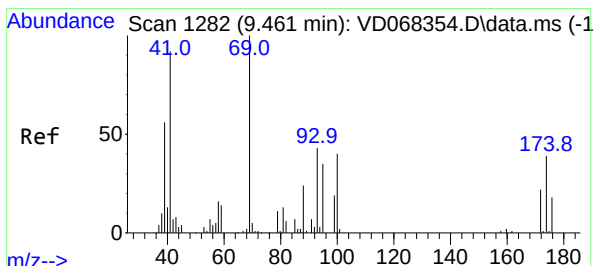
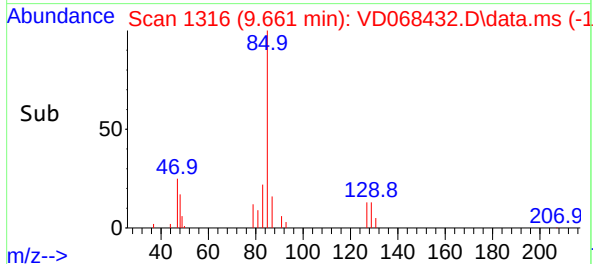
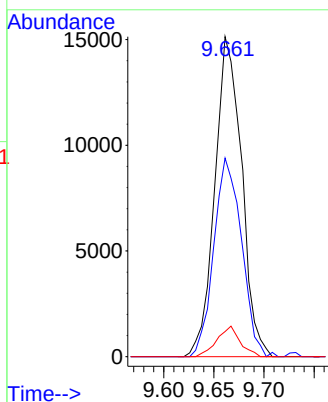
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 83 Resp: 28097
Ion Ratio Lower Upper
83 100
85 62.0 51.6 77.4
127 7.8 7.4 11.0

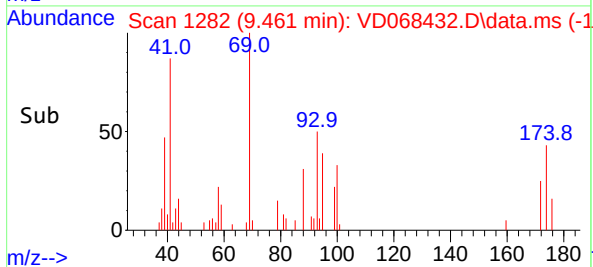
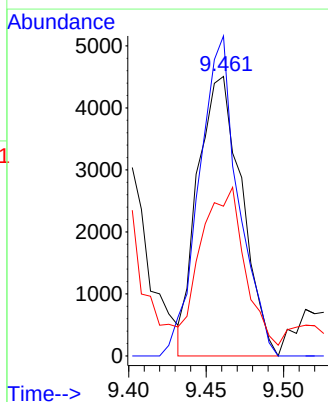
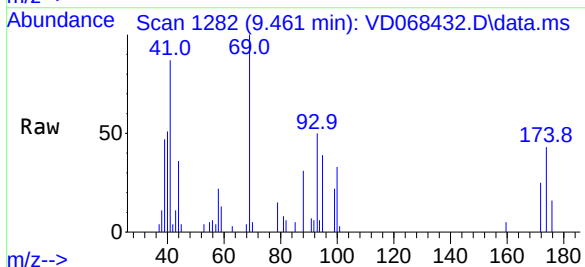
Manual Integrations
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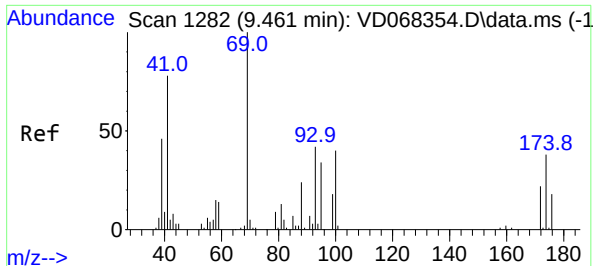
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2/25/2021 12:16:49 PM



#48
Methyl methacrylate
Concen: 5.62 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 41 Resp: 8891
Ion Ratio Lower Upper
41 100
69 101.9 77.1 115.7
39 62.4 41.5 62.3





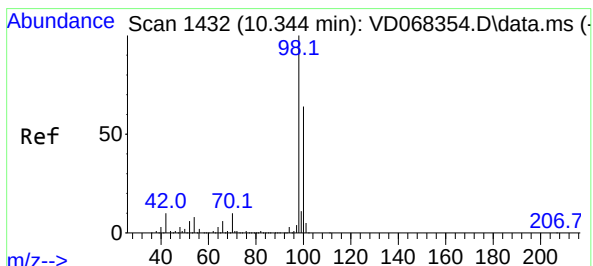
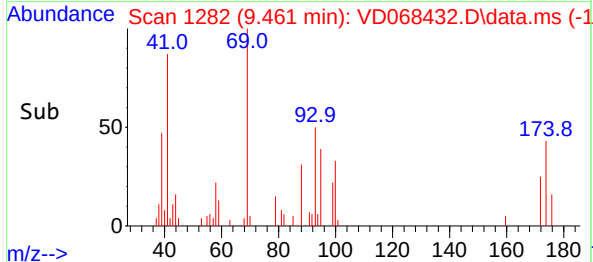
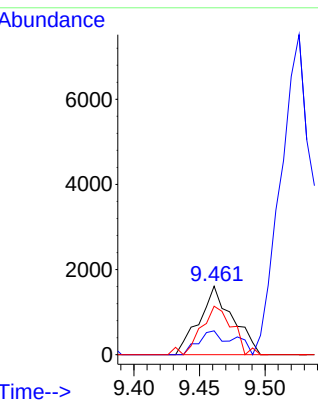
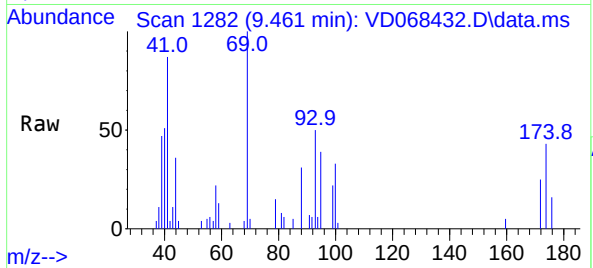
#49
1,4-Dioxane
Concen: 131.93 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 88 Resp: 2850
Ion Ratio Lower Upper
88 100
43 36.9 22.1 33.1#
58 66.4 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

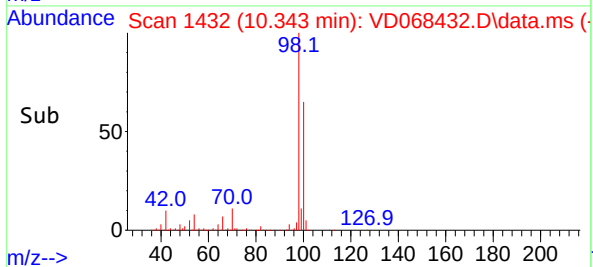
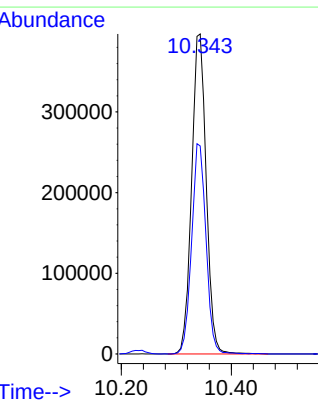
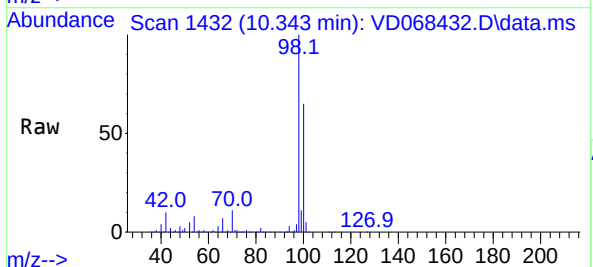
Manual Integrations
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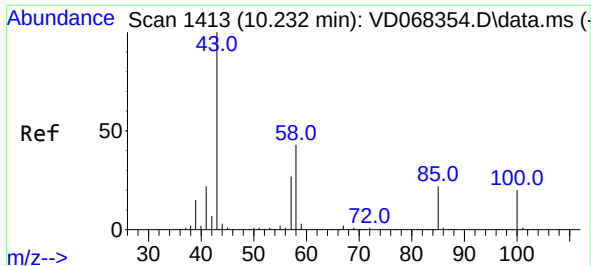
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#50
Toluene-d8
Concen: 53.58 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 98 Resp: 729730
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4





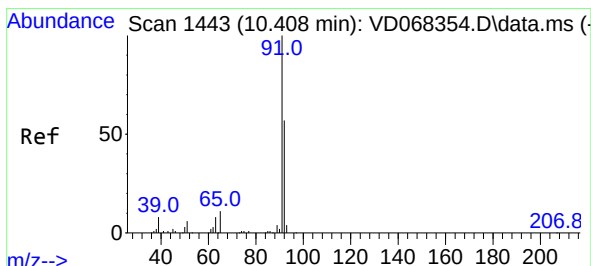
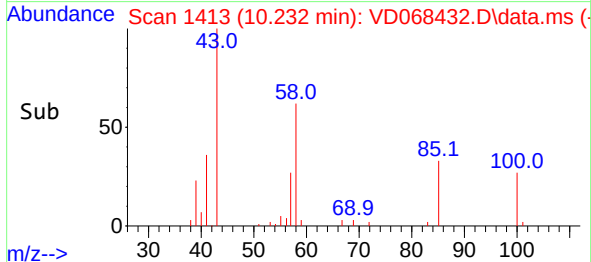
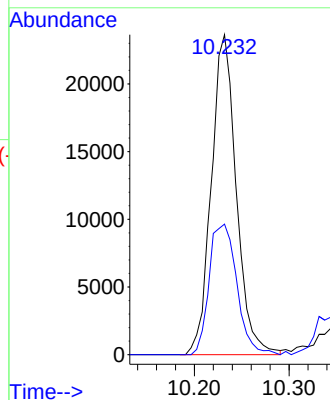
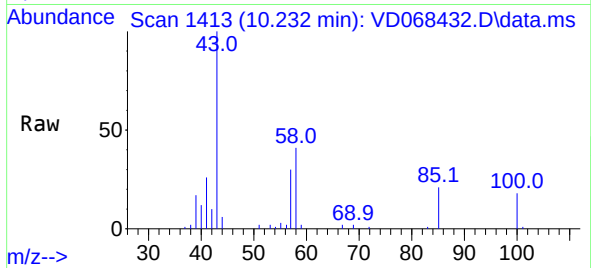
#51
4-Methyl-2-Pentanone
Concen: 26.68 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 43 Resp: 43429
Ion Ratio Lower Upper
43 100
58 45.1 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

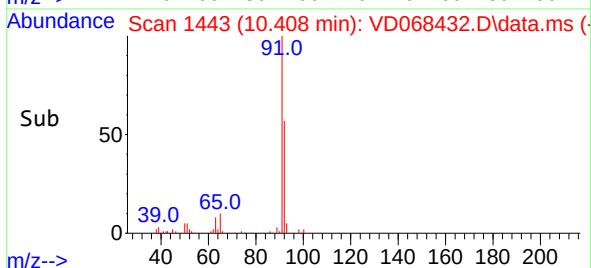
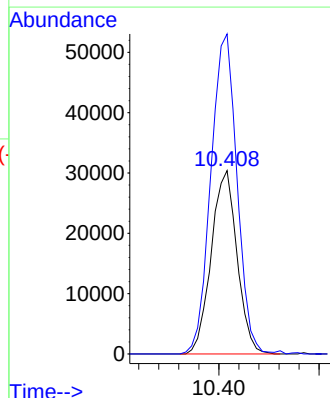
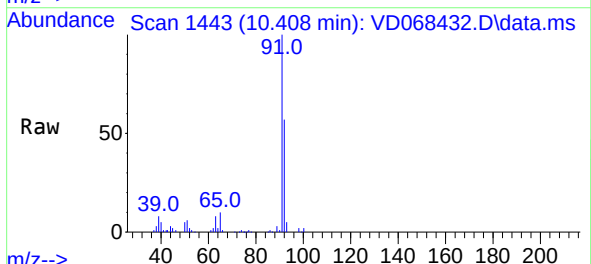
Manual Integrations
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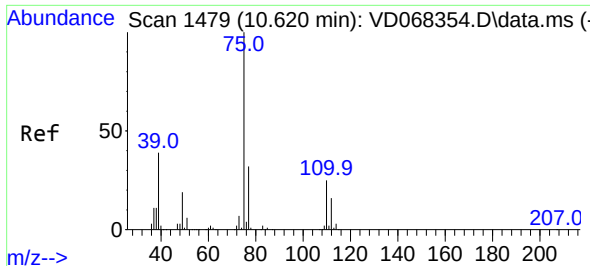
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#52
Toluene
Concen: 6.05 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 92 Resp: 54297
Ion Ratio Lower Upper
92 100
91 177.2 134.1 201.1





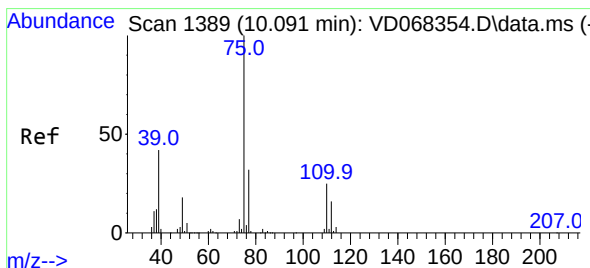
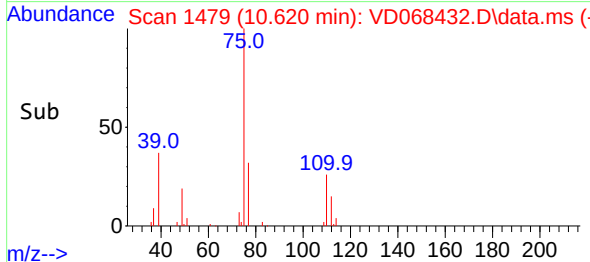
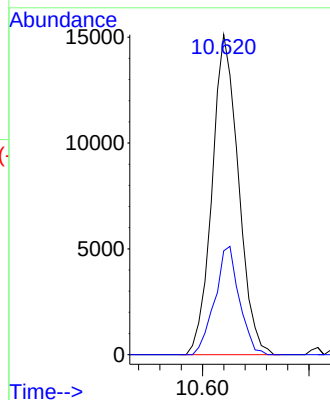
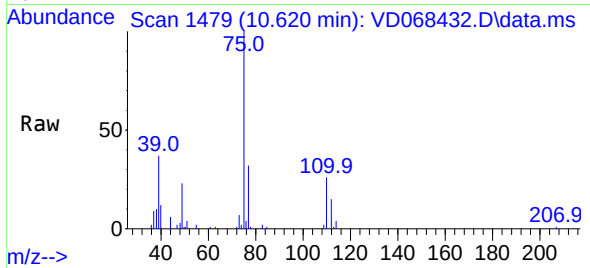
#53
 t-1,3-Dichloropropene
 Concen: 5.85 ug/l
 RT: 10.620 min Scan# 1479
 Delta R.T. -0.000 min
 Lab File: VD068432.D
 Acq: 24 Feb 2021 12:50

Tgt Ion: 75 Resp: 25960
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.4

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

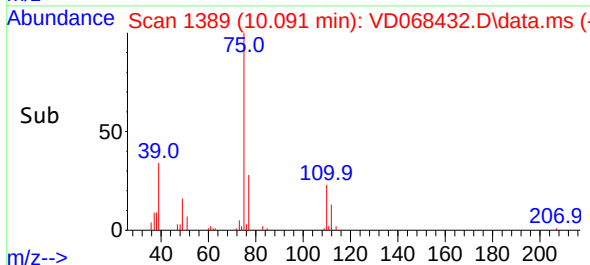
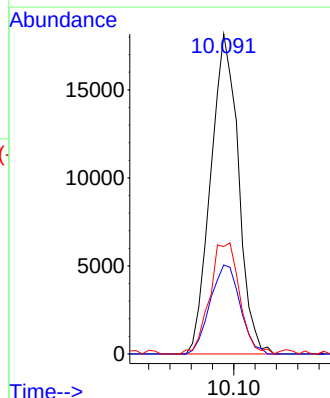
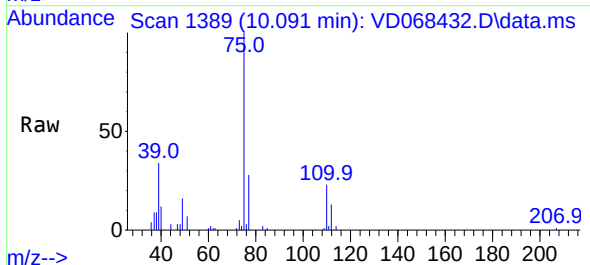
Manual Integrations
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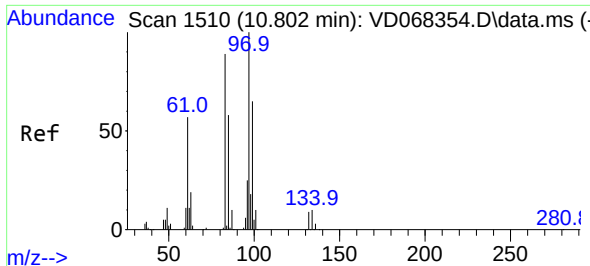
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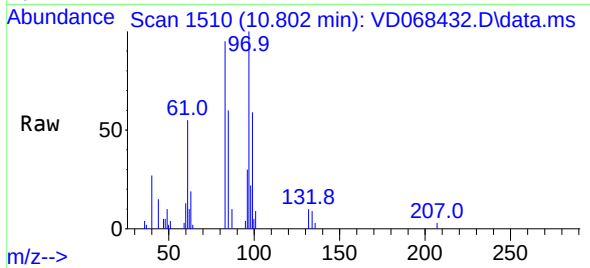
#54
 cis-1,3-Dichloropropene
 Concen: 6.06 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. -0.000 min
 Lab File: VD068432.D
 Acq: 24 Feb 2021 12:50

Tgt Ion: 75 Resp: 32831
 Ion Ratio Lower Upper
 75 100
 77 27.8 24.6 37.0
 39 33.5 31.4 47.0

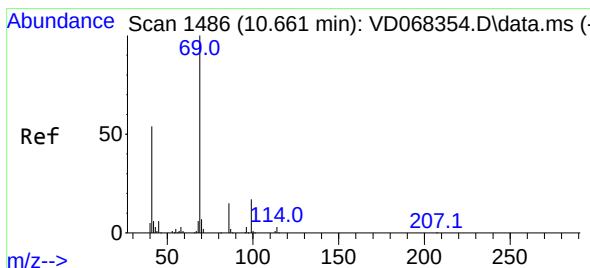
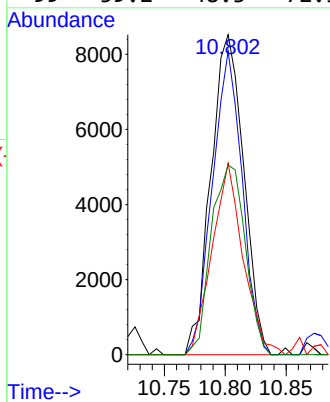
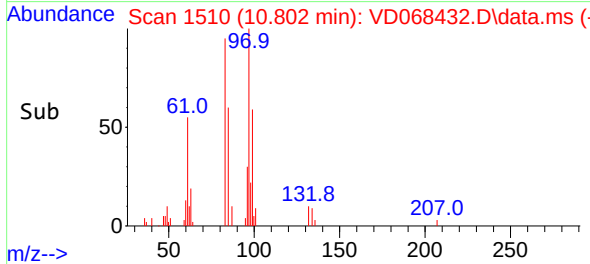




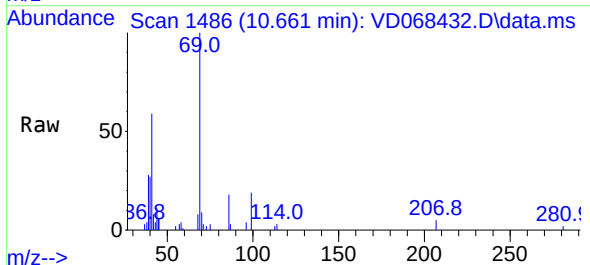
#55
1,1,2-Trichloroethane
Concen: 6.24 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



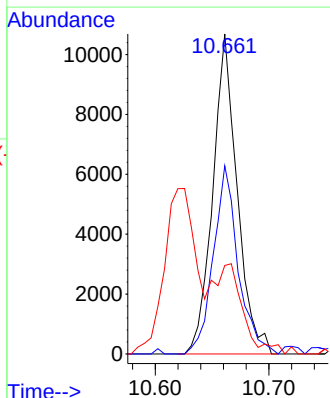
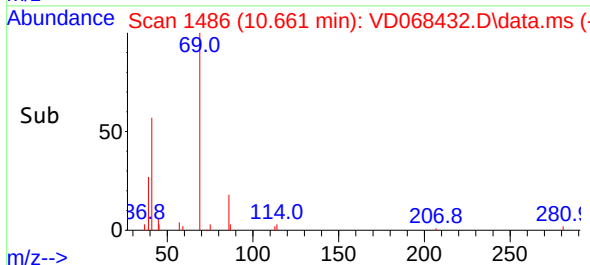
Tgt Ion: 97 Resp: 15931
Ion Ratio Lower Upper
97 100
83 94.8 61.8 92.6#
85 59.8 42.2 63.2
99 59.2 48.3 72.5



#56
Ethyl methacrylate
Concen: 5.26 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



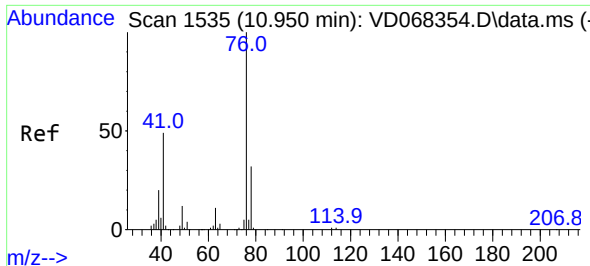
Tgt Ion: 69 Resp: 15956
Ion Ratio Lower Upper
69 100
41 59.8 44.9 67.3
39 24.8 21.9 32.9



Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

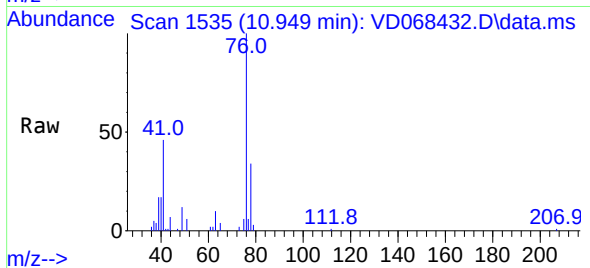
Manual Integrations
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#57
1,3-Dichloropropane
Concen: 5.98 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

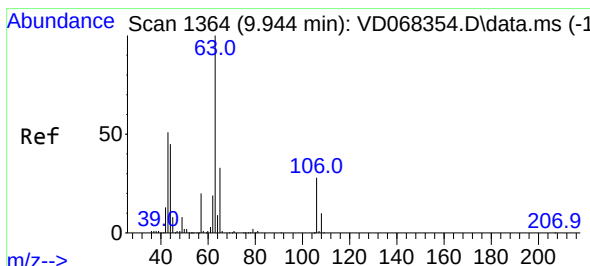
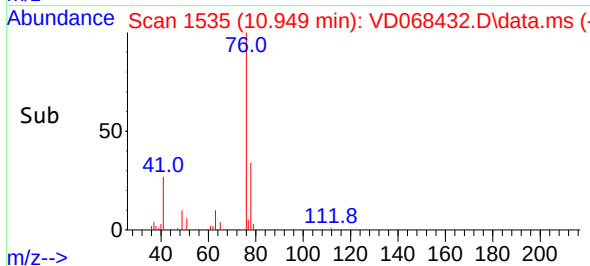
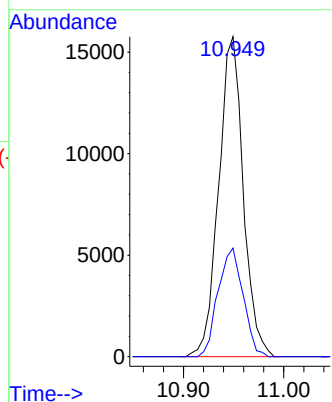
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 76 Resp: 26797
Ion Ratio Lower Upper
76 100
78 34.6 25.6 38.4

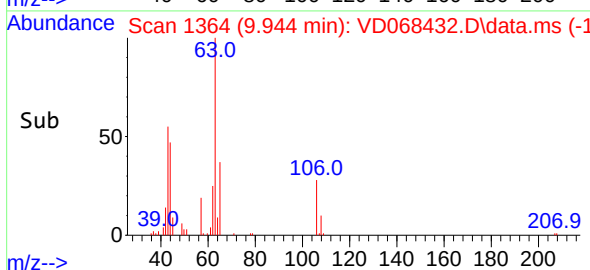
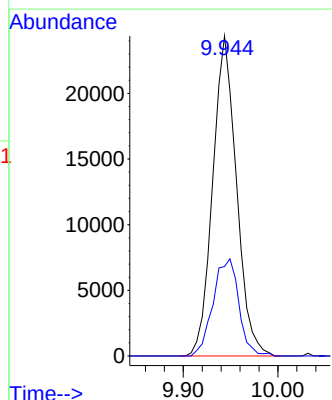
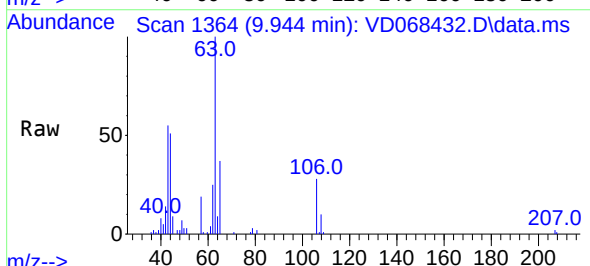
Manual Integrations
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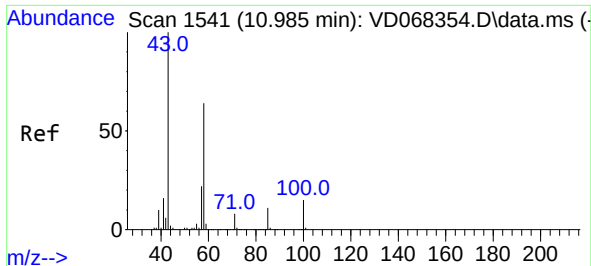
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#58
2-Chloroethyl Vinyl ether
Concen: 26.23 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 63 Resp: 42563
Ion Ratio Lower Upper
63 100
106 32.9 27.0 40.4





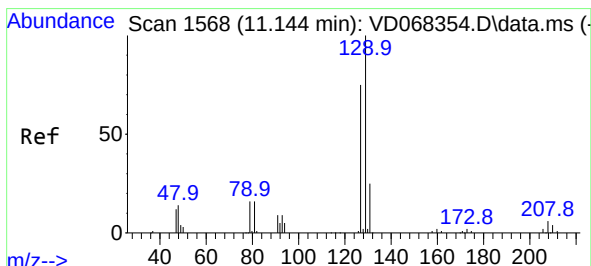
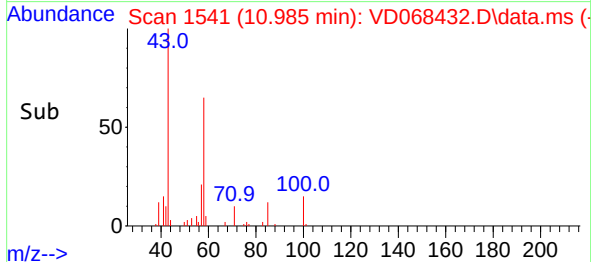
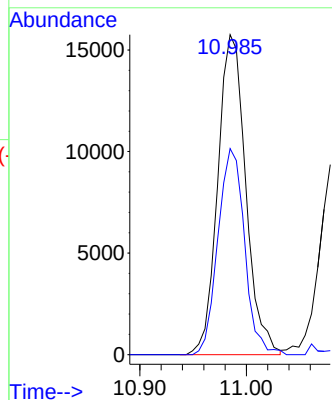
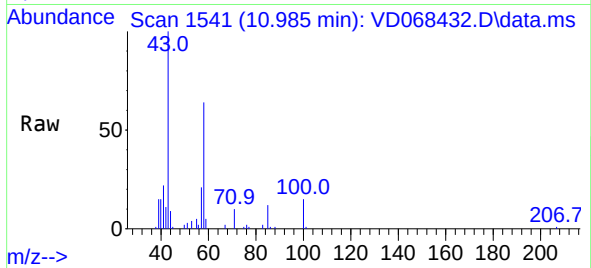
#59
2-Hexanone
Concen: 26.14 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 43 Resp: 28754
Ion Ratio Lower Upper
43 100
58 61.2 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

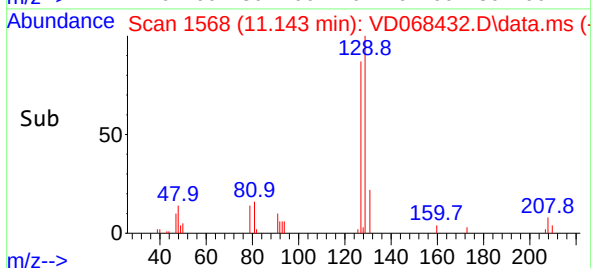
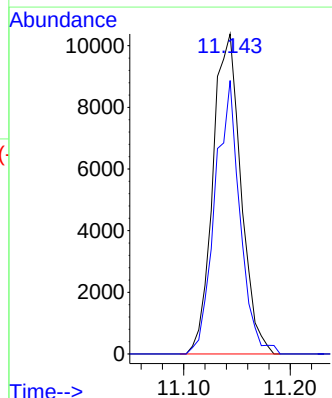
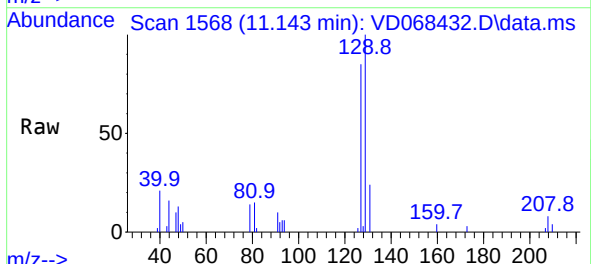
Manual Integrations
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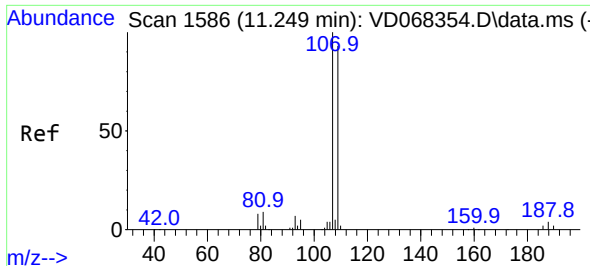
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#60
Dibromochloromethane
Concen: 5.99 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

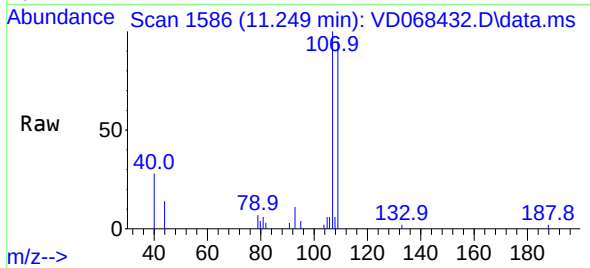
Tgt Ion: 129 Resp: 18993
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 6.35 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

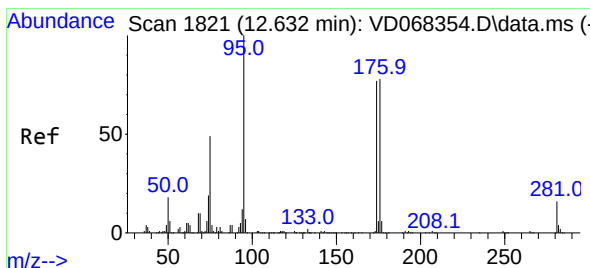
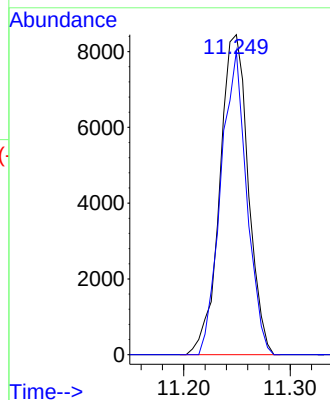
Instrument :
MSVOA_D
ClientSampleId :
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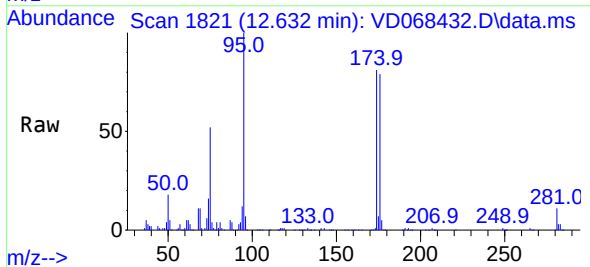
Tgt Ion:107 Resp: 15687
Ion Ratio Lower Upper
107 100
109 86.1 74.8 112.2

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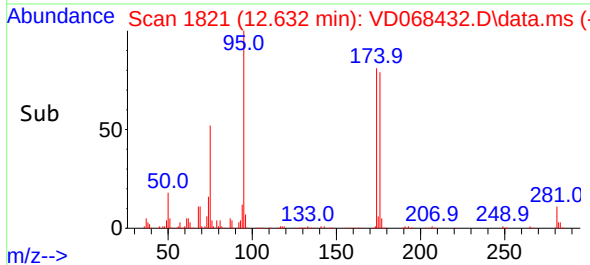
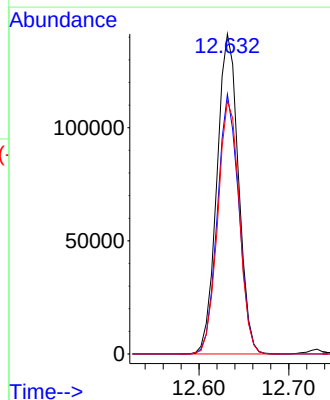
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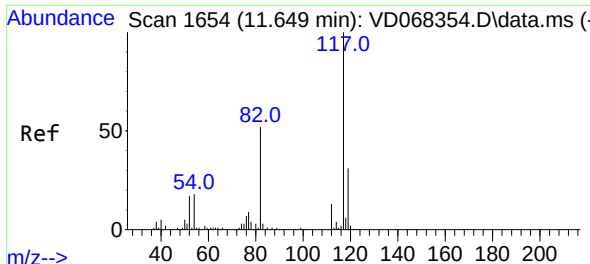


#62
4-Bromofluorobenzene
Concen: 53.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



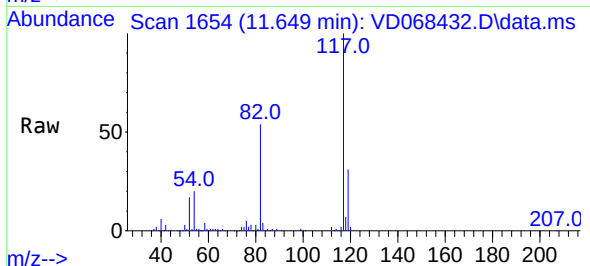
Tgt Ion: 95 Resp: 235619
Ion Ratio Lower Upper
95 100
174 80.3 0.0 172.4
176 78.9 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

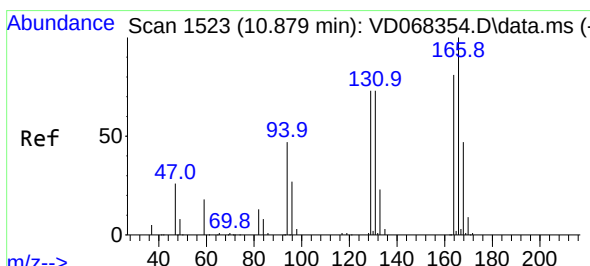
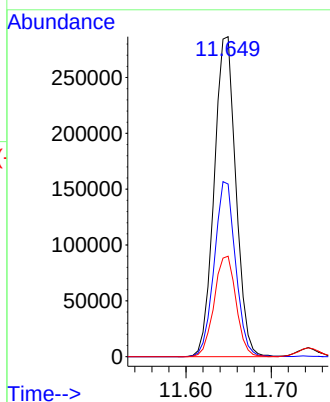
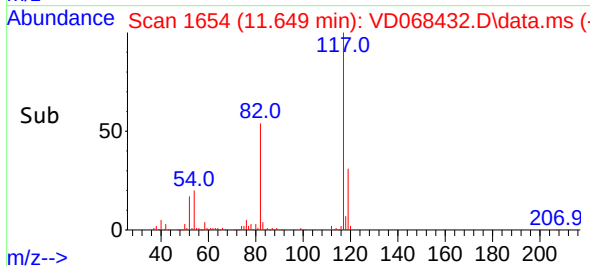
Instrument :
MSVOA_D
ClientSampleId :
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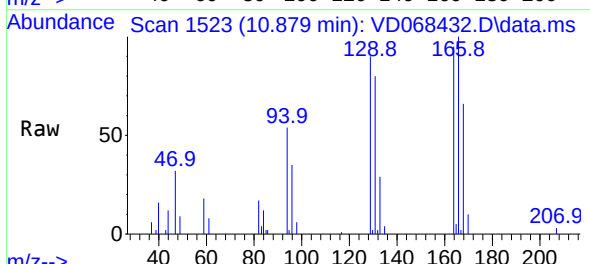
Tgt Ion:117 Resp: 506610
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 31.4 26.1 39.1

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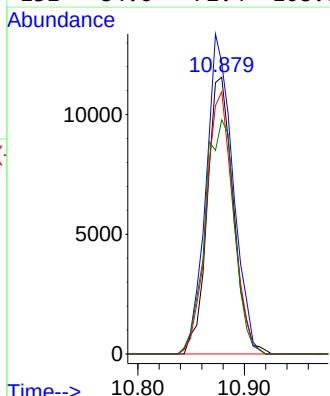
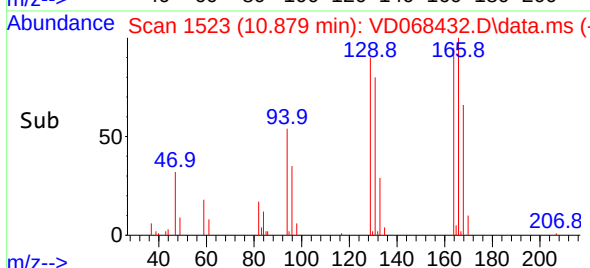
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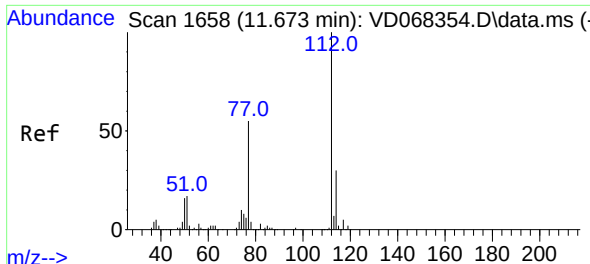


#64
Tetrachloroethene
Concen: 6.31 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

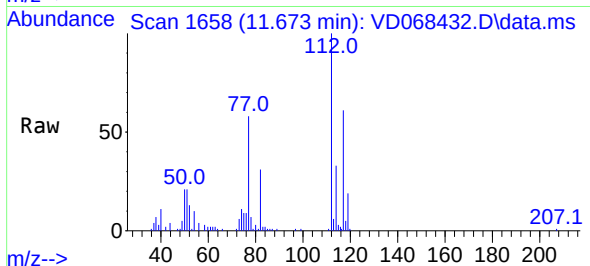


Tgt Ion:164 Resp: 19666
Ion Ratio Lower Upper
164 100
166 105.1 105.5 158.3#
129 94.7 75.6 113.4
131 84.6 72.4 108.6

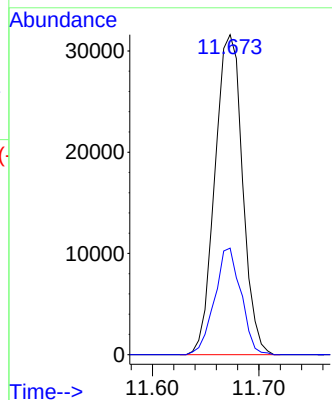
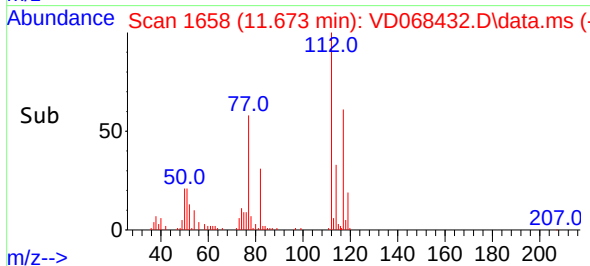




#65
Chlorobenzene
Concen: 5.84 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



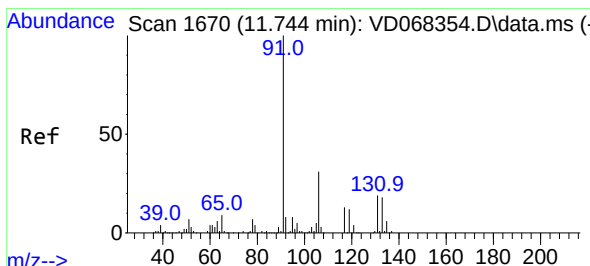
Tgt Ion:112 Resp: 56843
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5



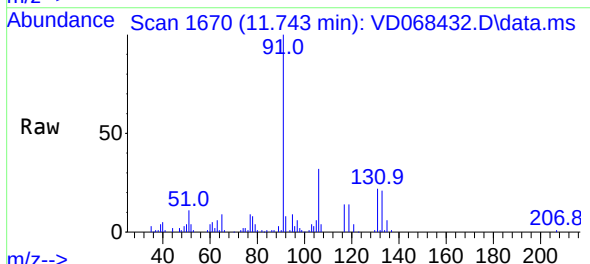
Instrument :
MSVOA_D
ClientSampleId :
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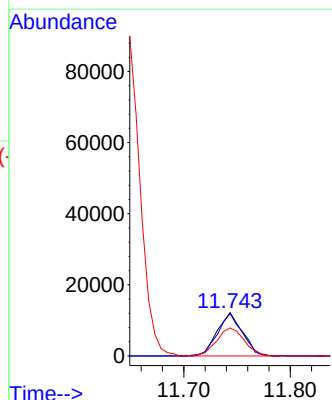
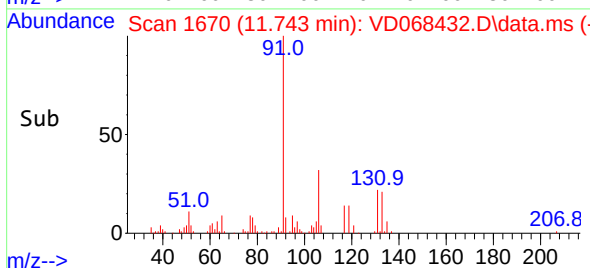
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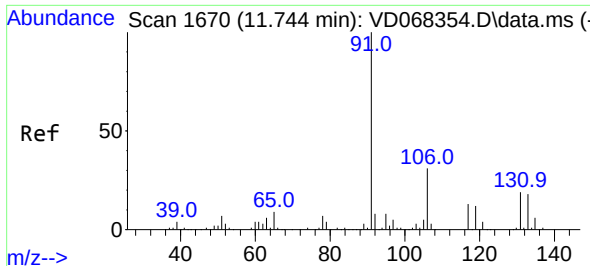


#66
1,1,1,2-Tetrachloroethane
Concen: 5.86 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

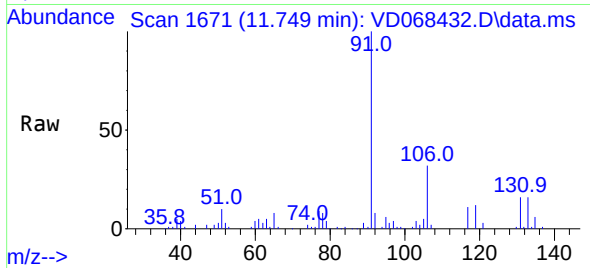


Tgt Ion:131 Resp: 19924
Ion Ratio Lower Upper
131 100
133 97.6 48.1 144.4
119 71.2 31.6 94.8

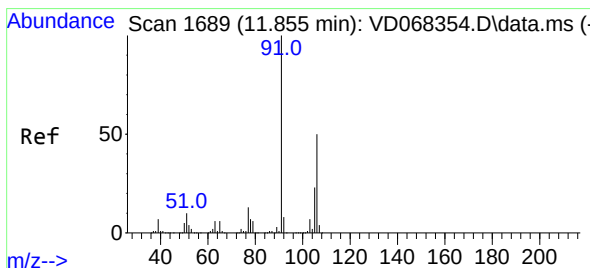
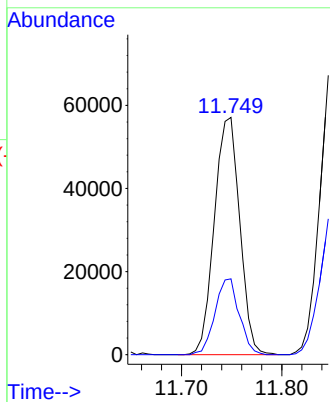
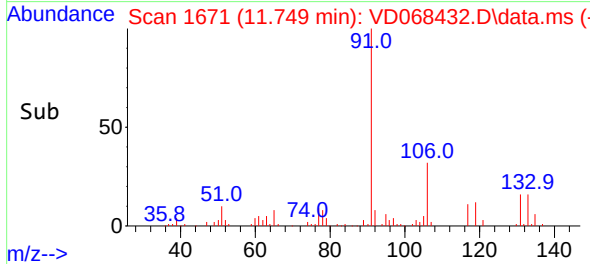




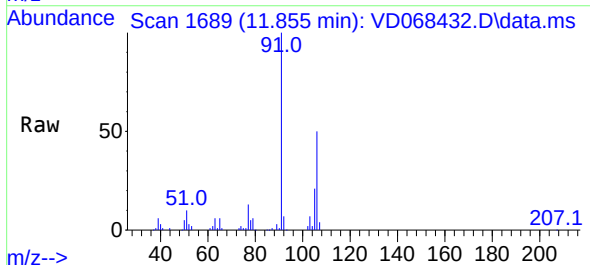
#67
Ethyl Benzene
Concen: 5.75 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



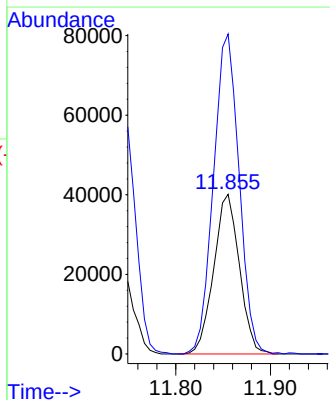
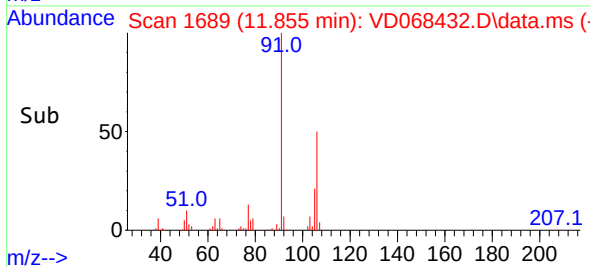
Tgt Ion: 91 Resp: 100471
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9



#68
m/p-Xylenes
Concen: 11.44 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



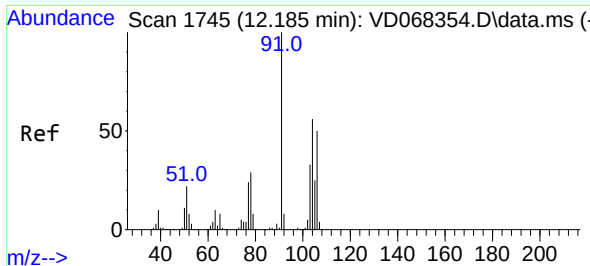
Tgt Ion: 106 Resp: 75503
Ion Ratio Lower Upper
106 100
91 200.2 159.1 238.7



Instrument :
MSVOA_D
ClientSampleId :
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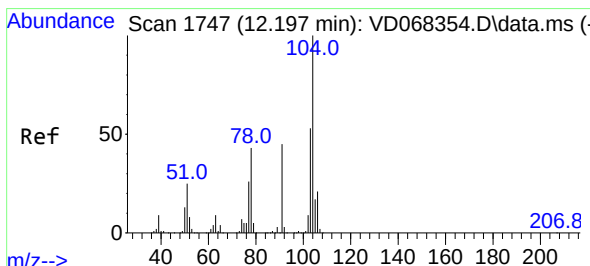
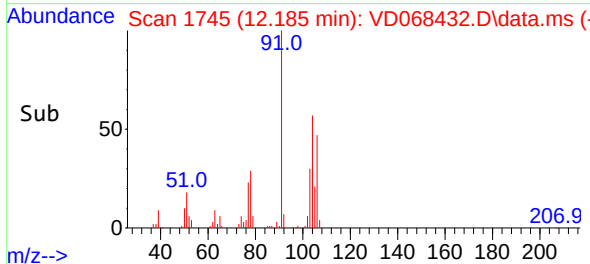
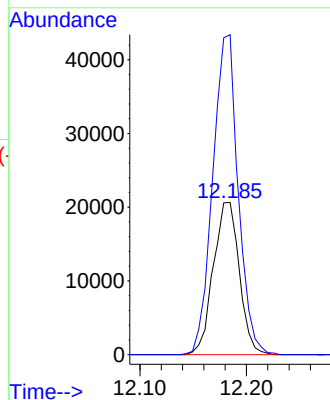
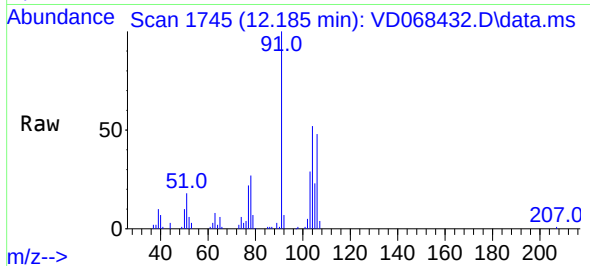
#69
o-Xylene
Concen: 5.77 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:106 Resp: 34963
Ion Ratio Lower Upper
106 100
91 205.7 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

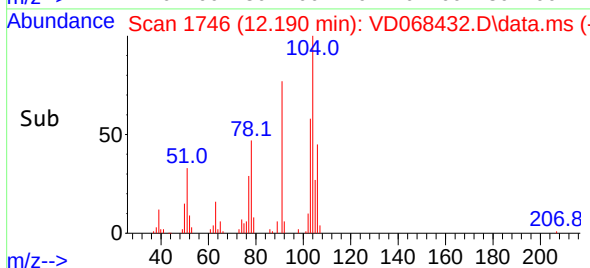
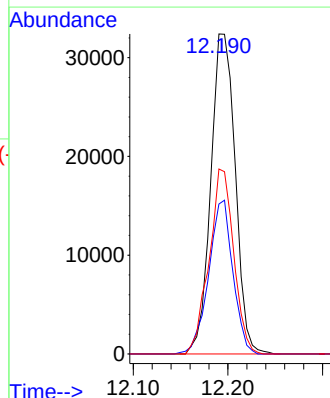
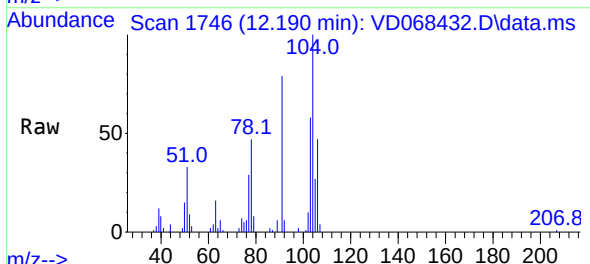
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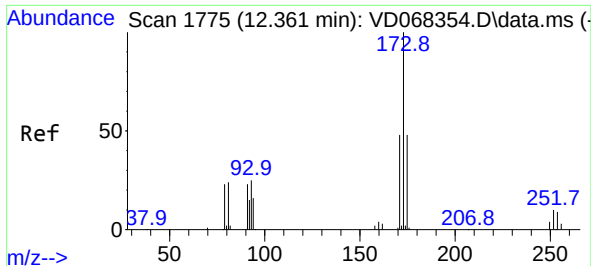
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#70
Styrene
Concen: 5.52 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:104 Resp: 58182
Ion Ratio Lower Upper
104 100
78 47.4 38.2 57.2
103 58.1 43.1 64.7





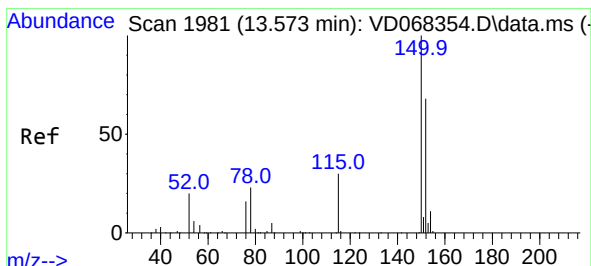
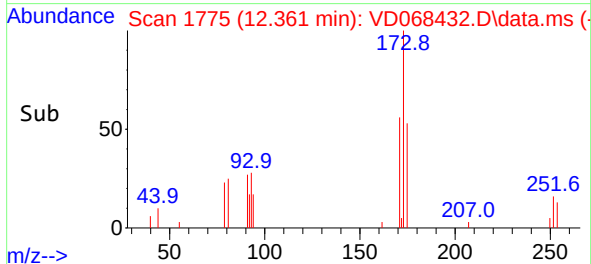
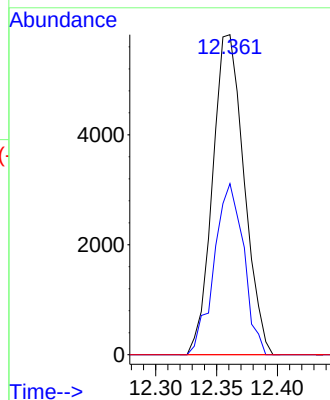
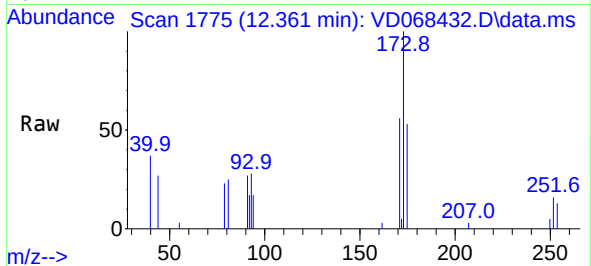
#71
Bromoform
Concen: 6.00 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:173 Resp: 10476
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.0 0.0

Instrument :
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ClientSampleId :
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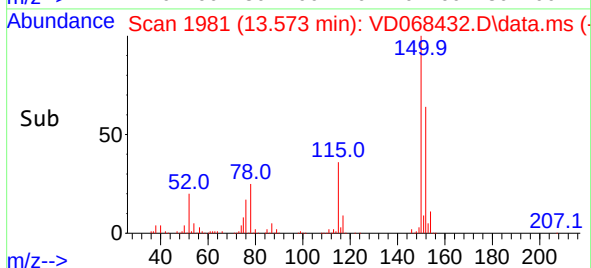
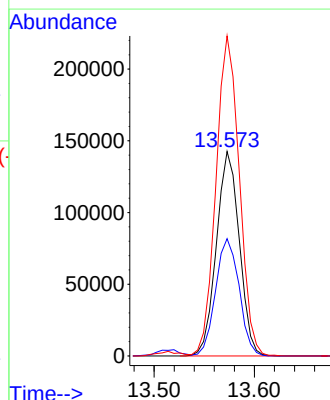
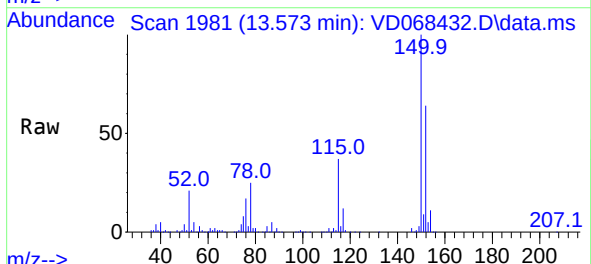
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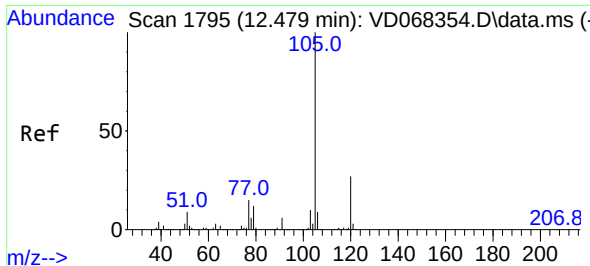
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

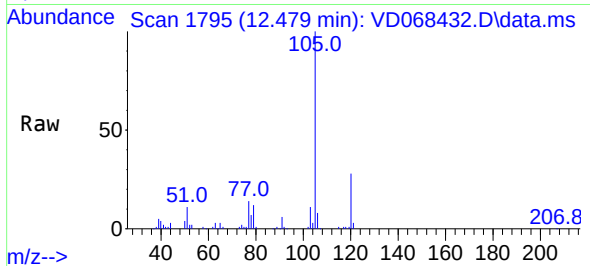
Tgt Ion:152 Resp: 226398
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 159.2 0.0 344.4





#73
Isopropylbenzene
Concen: 5.64 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

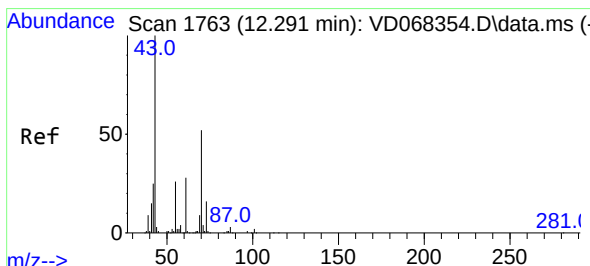
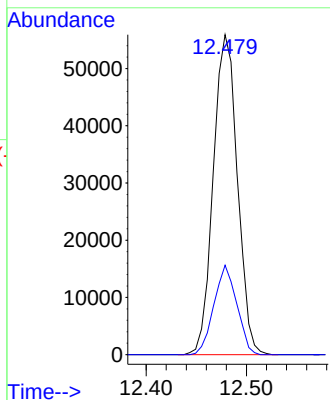
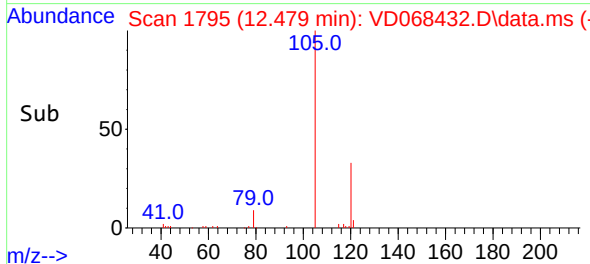
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



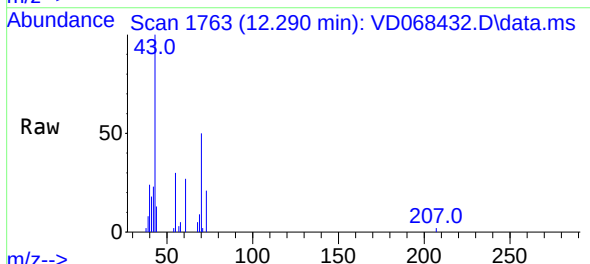
Tgt Ion:105 Resp: 93215
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6

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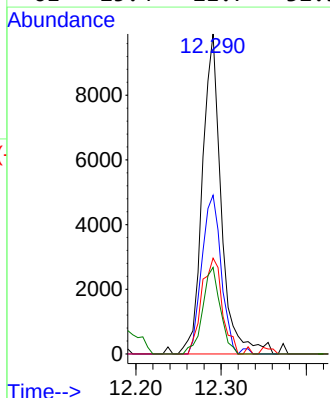
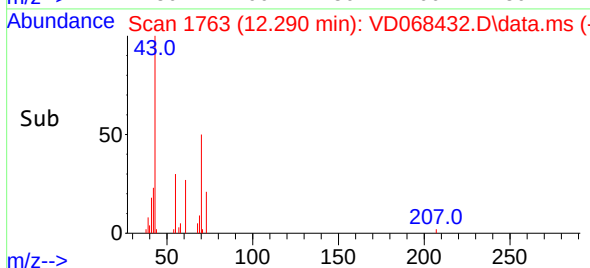
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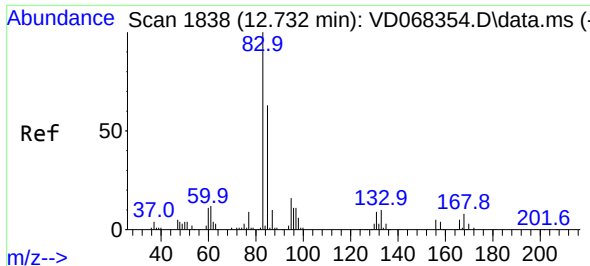


#74
N-ethyl acetate
Concen: 5.21 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



Tgt Ion: 43 Resp: 15217
Ion Ratio Lower Upper
43 100
70 50.4 41.8 62.8
55 32.6 24.2 36.4
61 25.4 21.7 32.5





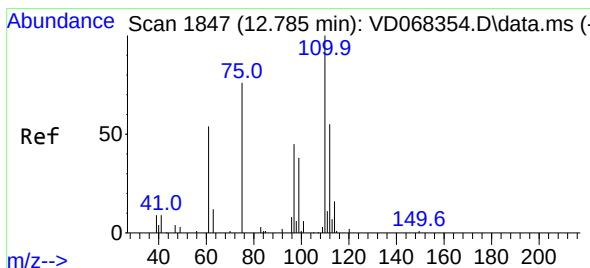
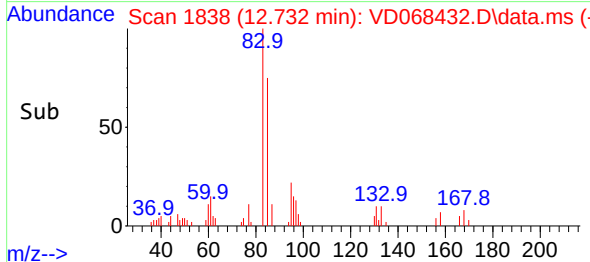
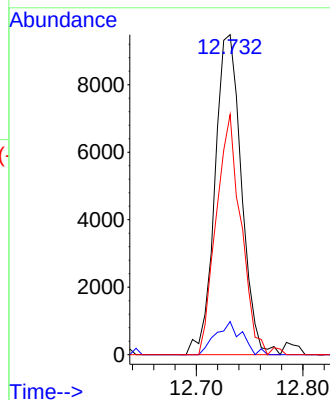
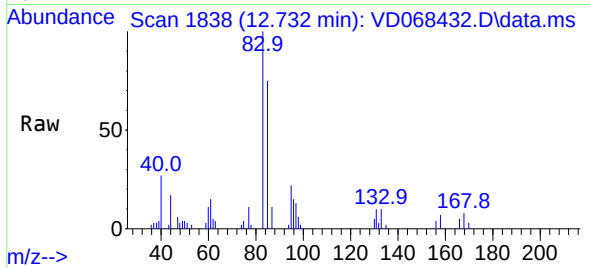
#75
1,1,2,2-Tetrachloroethane
Concen: 5.72 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.8	17.4
85	70.8	32.4	97.2

Instrument :
MSVOA_D
ClientSampleId :
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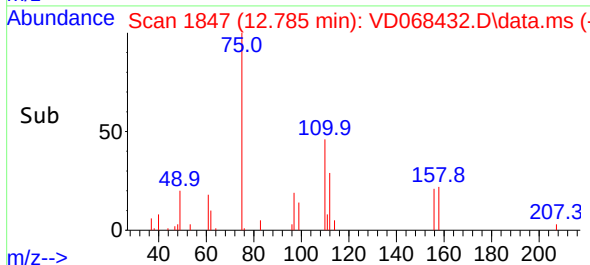
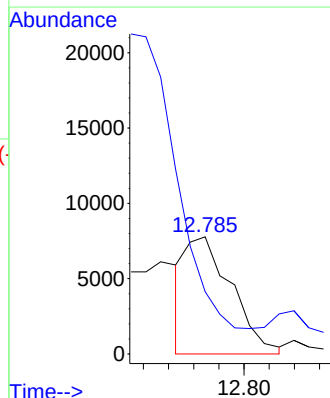
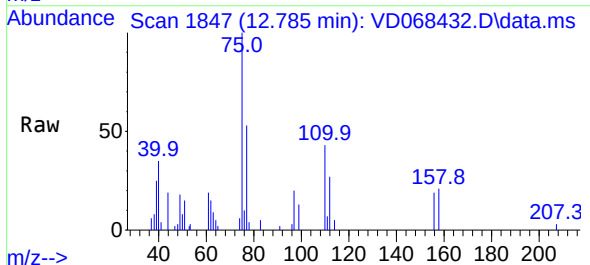
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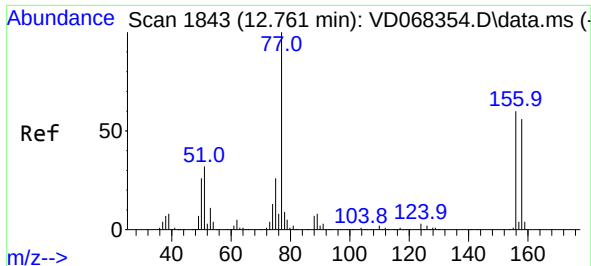
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#76
1,2,3-Trichloropropane
Concen: 4.59 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





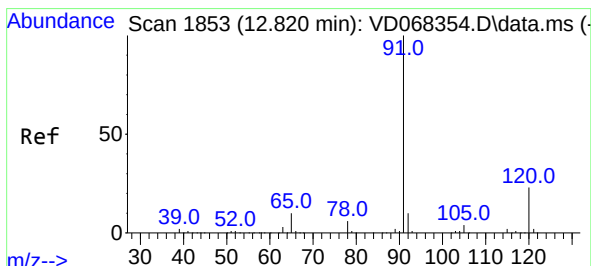
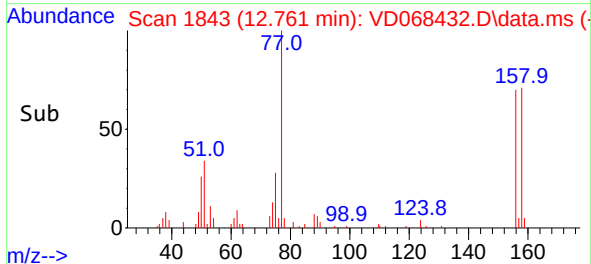
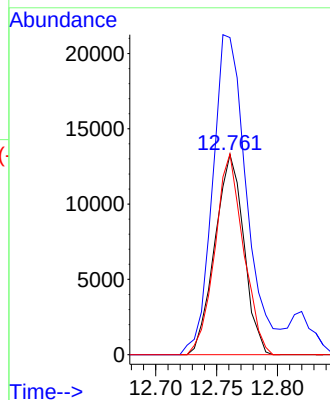
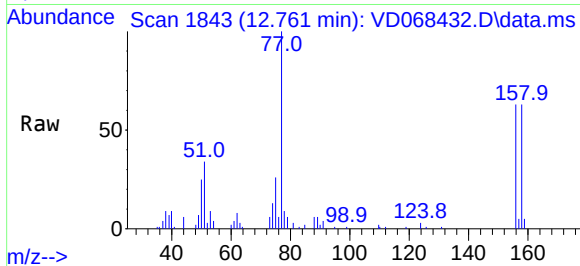
#77
Bromobenzene
Concen: 5.95 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion	Ratio	Lower	Upper
156	100		
77	187.6	82.8	248.3
158	98.9	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

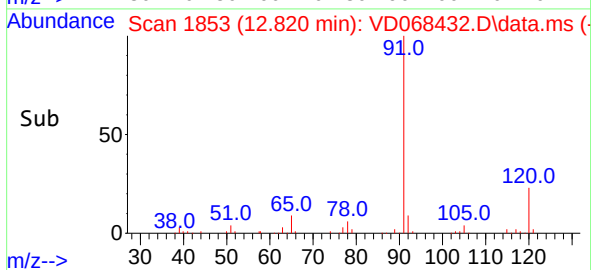
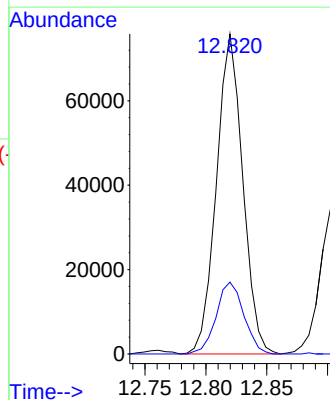
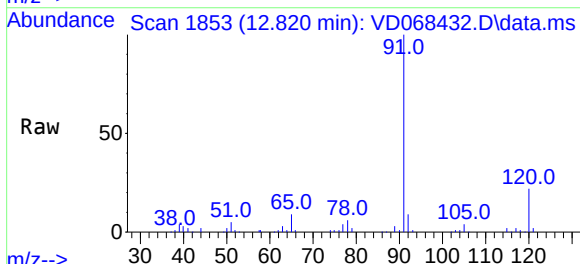
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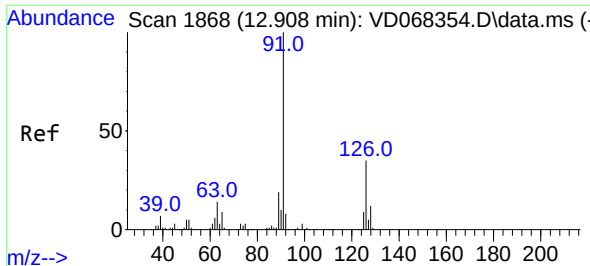
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#78
n-propylbenzene
Concen: 5.76 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.0	36.0





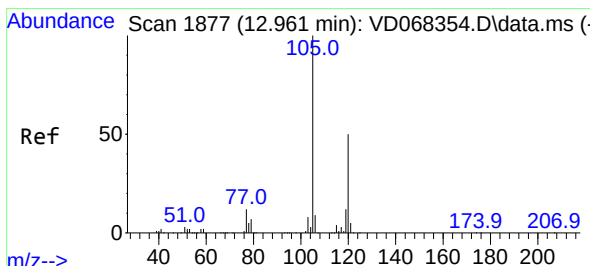
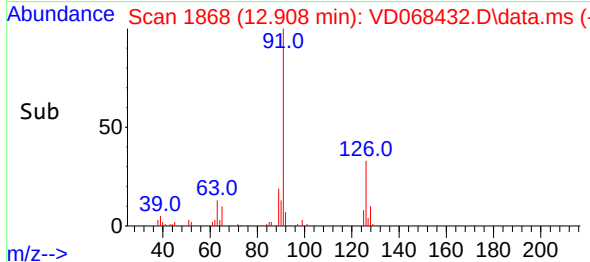
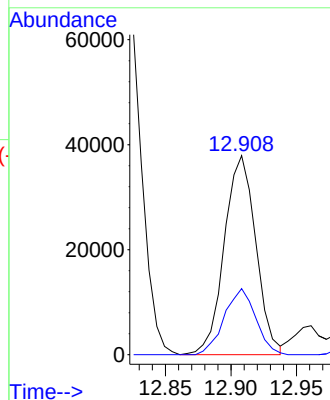
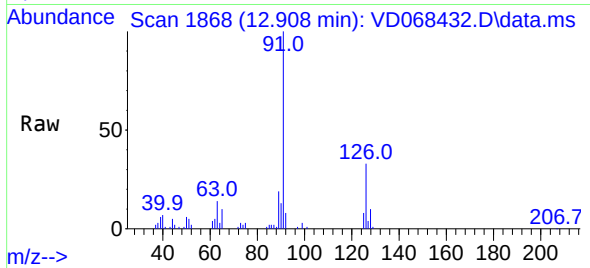
#79
2-Chlorotoluene
Concen: 5.79 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion: 91 Resp: 63494
Ion Ratio Lower Upper
91 100
126 33.1 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

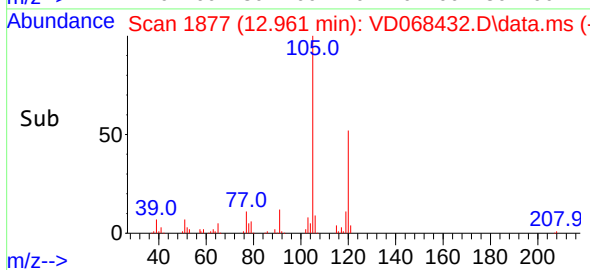
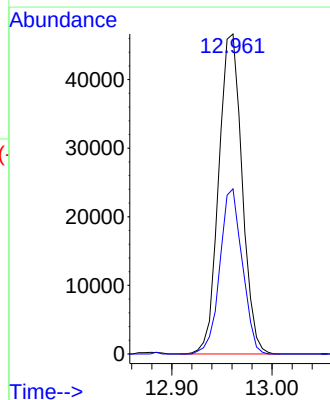
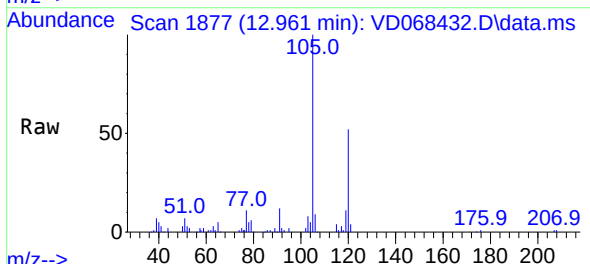
Manual Integrations
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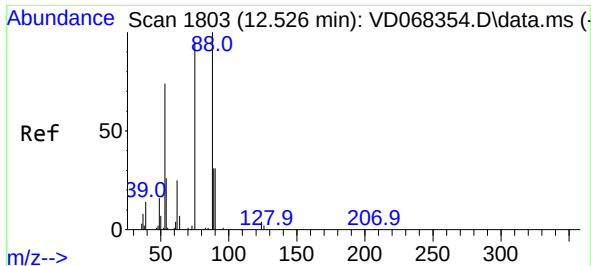
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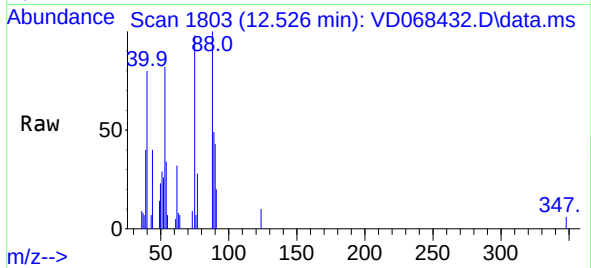
#80
1,3,5-Trimethylbenzene
Concen: 5.58 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:105 Resp: 75418
Ion Ratio Lower Upper
105 100
120 49.5 24.2 72.6

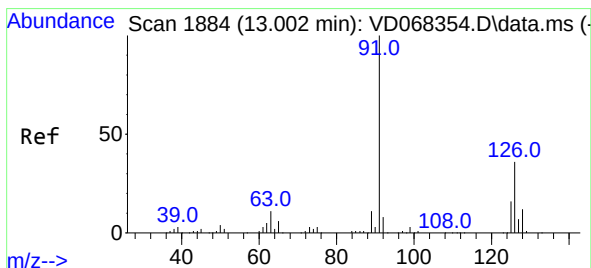
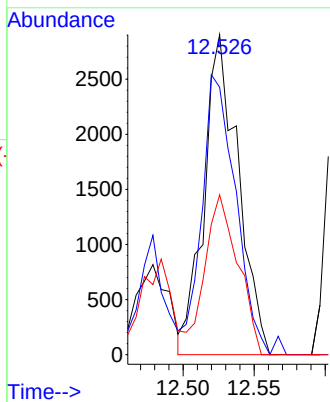
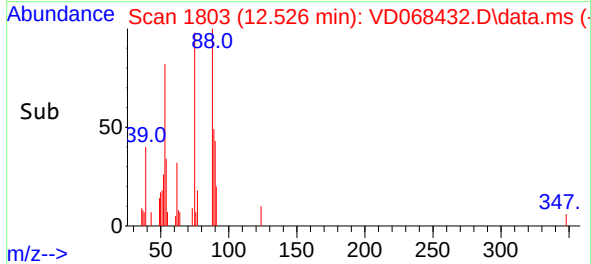




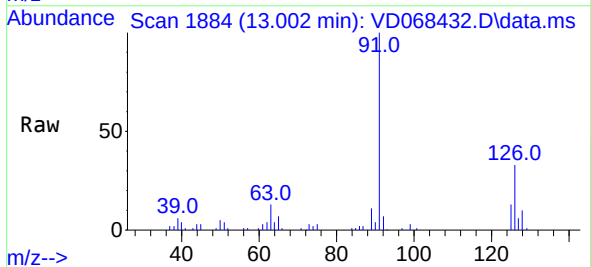
#81
trans-1,4-Dichloro-2-butene
Concen: 5.63 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



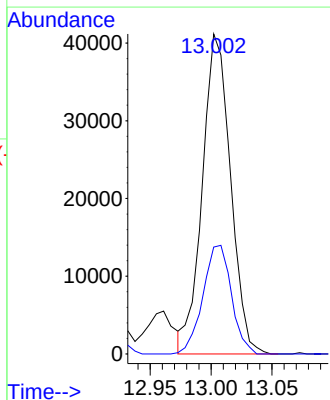
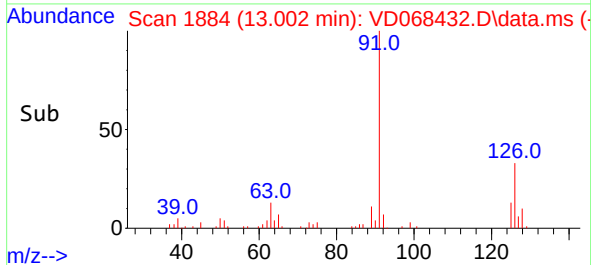
Tgt Ion: 75 Resp: 4839
Ion Ratio Lower Upper
75 100
53 88.0 70.2 105.2
89 48.1 40.3 60.5



#82
4-Chlorotoluene
Concen: 5.72 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



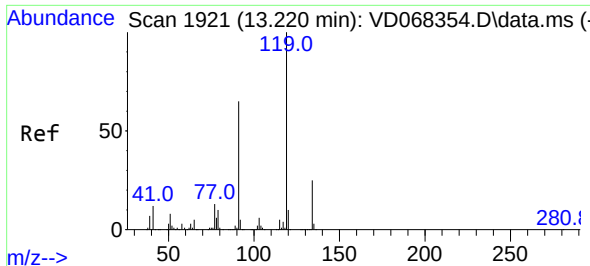
Tgt Ion: 91 Resp: 66338
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1



Instrument :
MSVOA_D
ClientSampleId :
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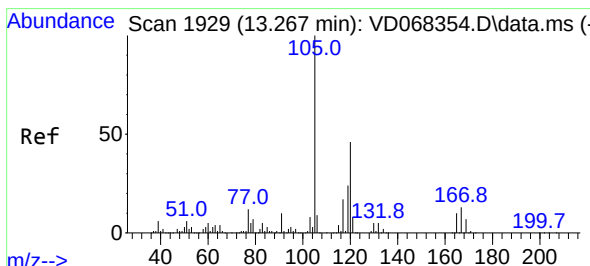
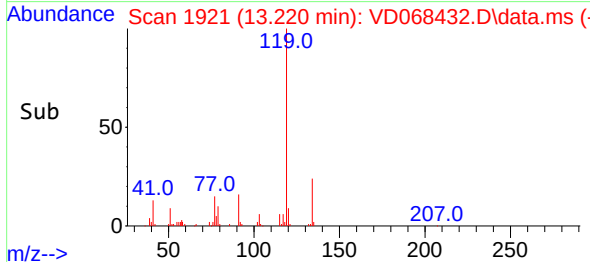
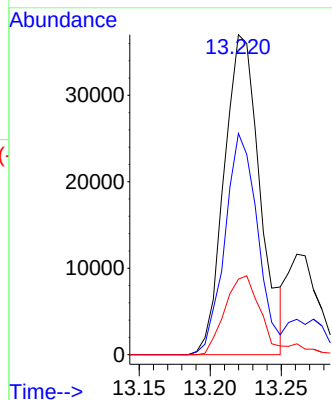
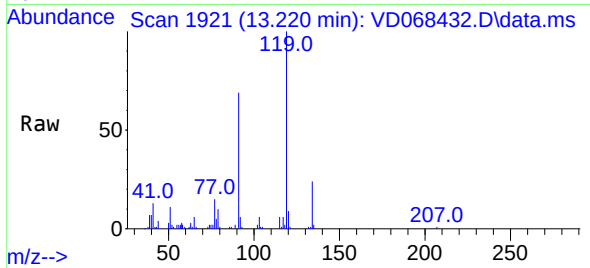
#83
tert-Butylbenzene
Concen: 5.55 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:119 Resp: 65058
Ion Ratio Lower Upper
119 100
91 63.4 31.1 93.5
134 26.2 13.3 39.8

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

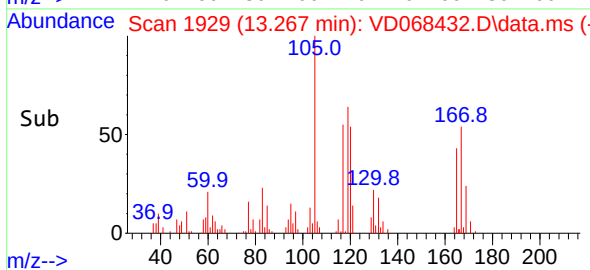
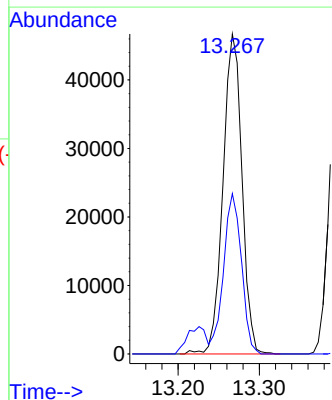
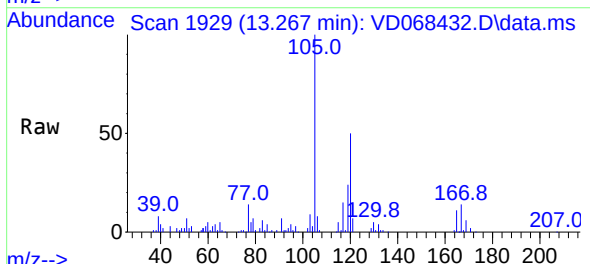
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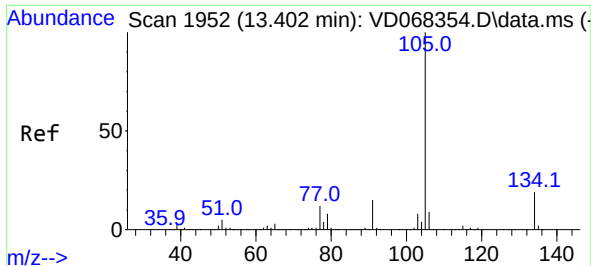
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#84
1,2,4-Trimethylbenzene
Concen: 5.64 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:105 Resp: 75880
Ion Ratio Lower Upper
105 100
120 47.4 22.4 67.0





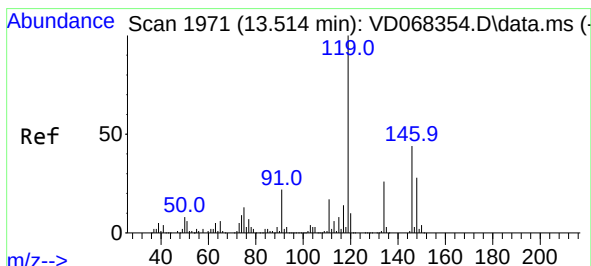
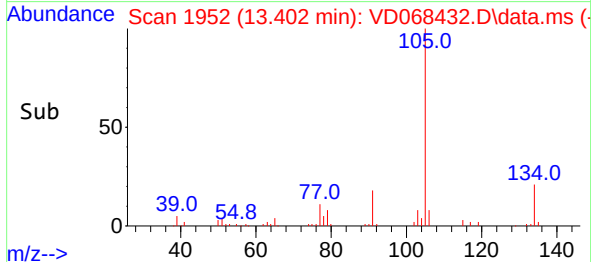
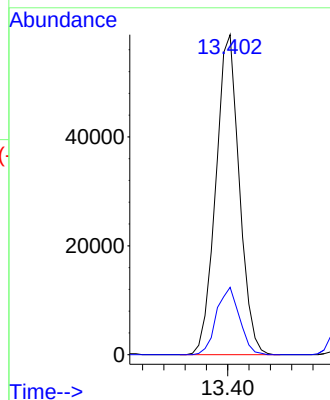
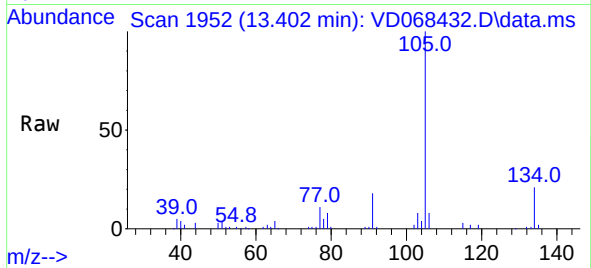
#85
sec-Butylbenzene
Concen: 5.48 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:105 Resp: 89846
Ion Ratio Lower Upper
105 100
134 20.6 10.3 30.9

Instrument :
MSVOA_D
ClientSampleId :
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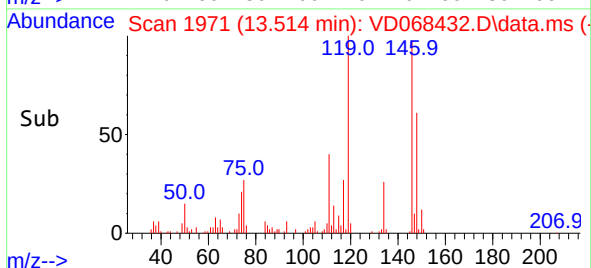
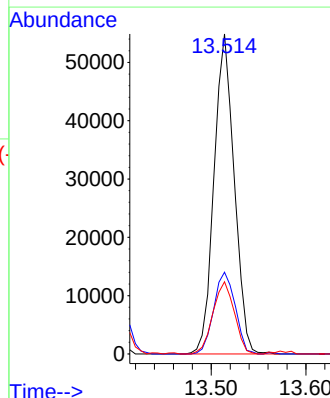
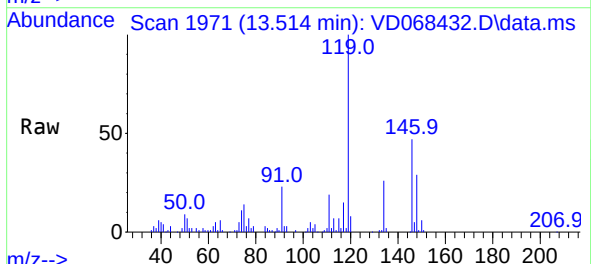
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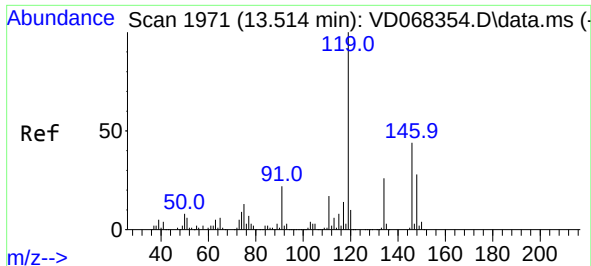
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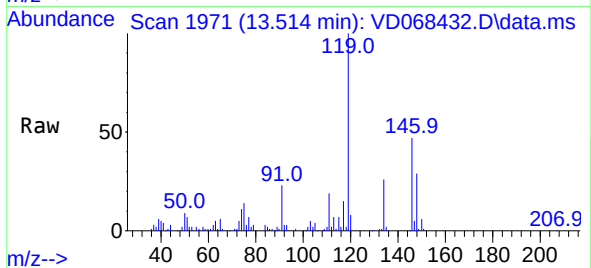
#86
p-Isopropyltoluene
Concen: 5.53 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:119 Resp: 81461
Ion Ratio Lower Upper
119 100
134 27.0 12.9 38.7
91 23.8 11.7 35.0

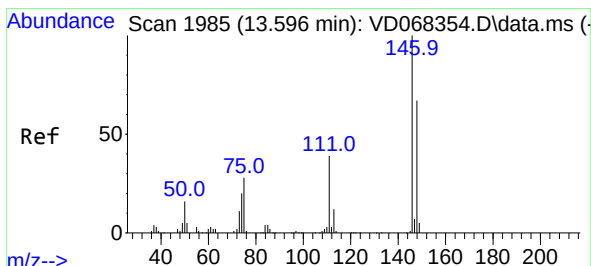
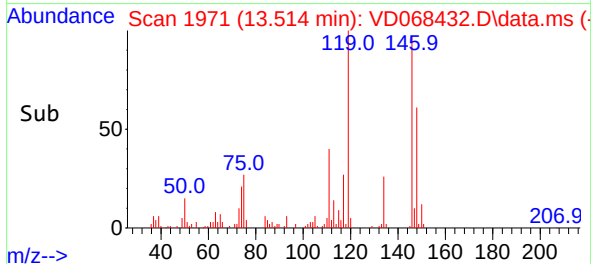
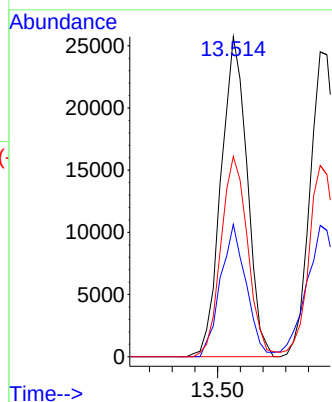




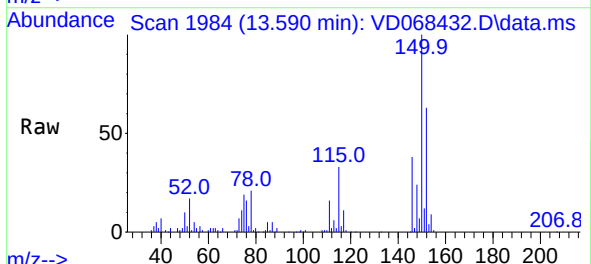
#87
1,3-Dichlorobenzene
Concen: 5.74 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



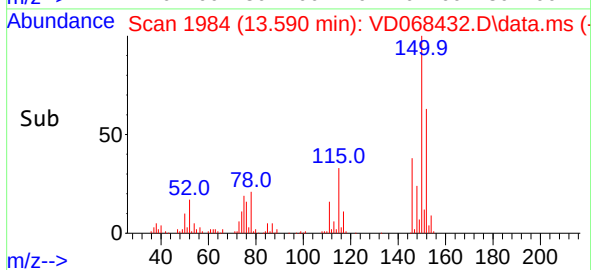
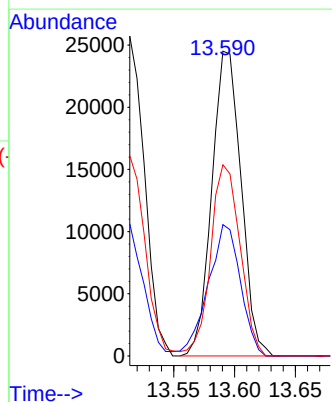
Tgt Ion:146 Resp: 40999
Ion Ratio Lower Upper
146 100
111 40.8 19.5 58.5
148 64.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 5.76 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. -0.006 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



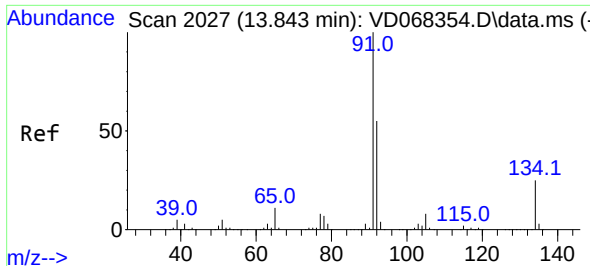
Tgt Ion:146 Resp: 40977
Ion Ratio Lower Upper
146 100
111 47.8 19.1 57.1
148 63.3 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
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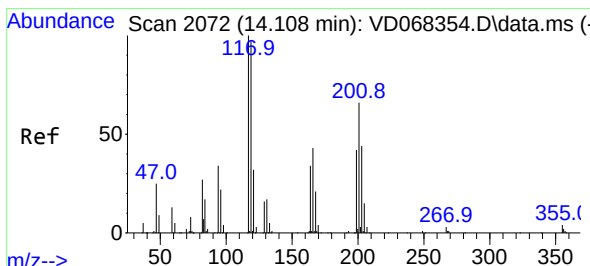
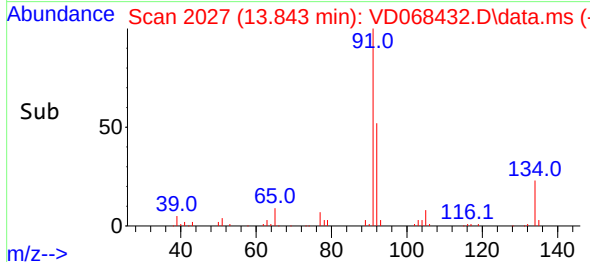
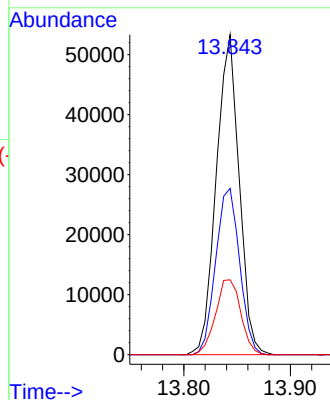
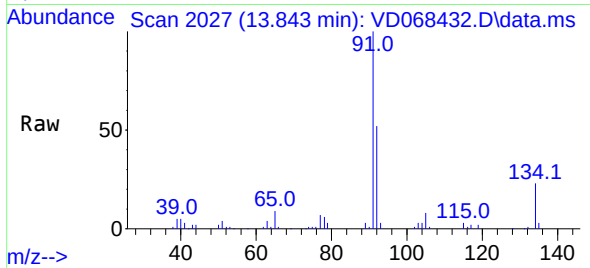
#89
n-Butylbenzene
Concen: 5.53 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:	91	Resp:	79421
Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.2	81.6
134	25.8	13.9	41.7

Instrument :
MSVOA_D
ClientSampleId :
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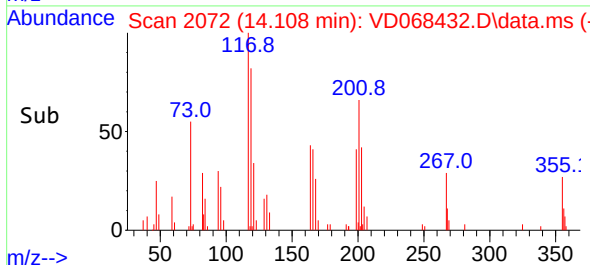
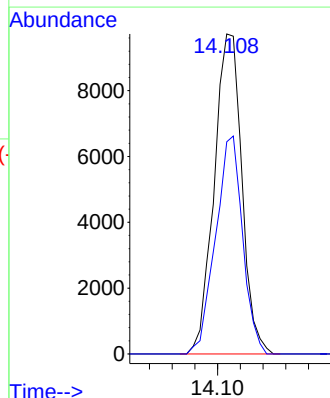
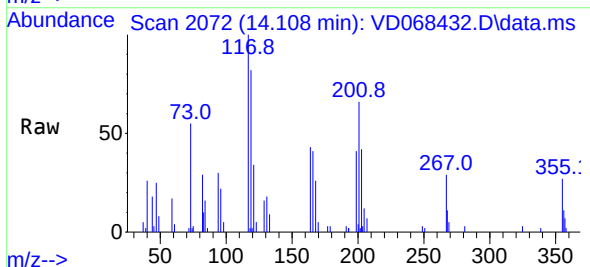
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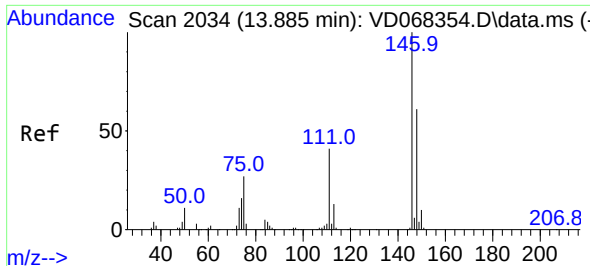
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#90
Hexachloroethane
Concen: 6.17 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

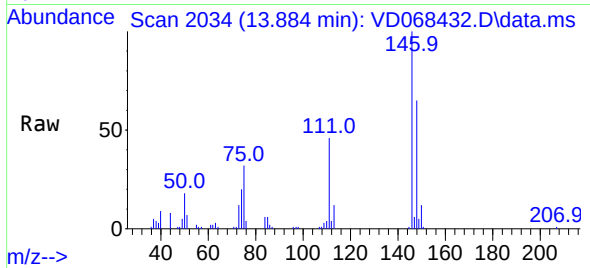
Tgt Ion:	117	Resp:	16476
Ion	Ratio	Lower	Upper
117	100		
201	66.4	39.5	118.5





#91
1,2-Dichlorobenzene
Concen: 6.13 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

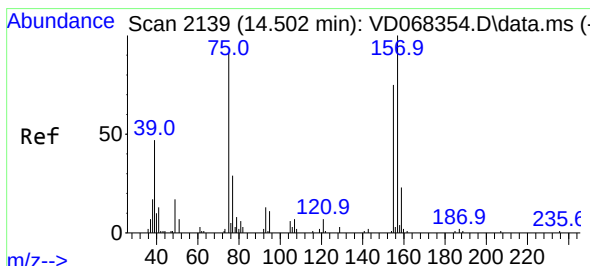
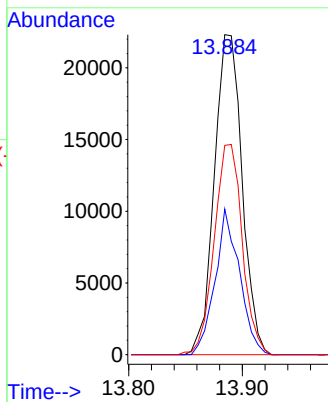
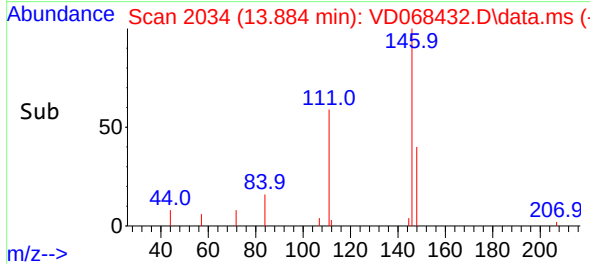
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



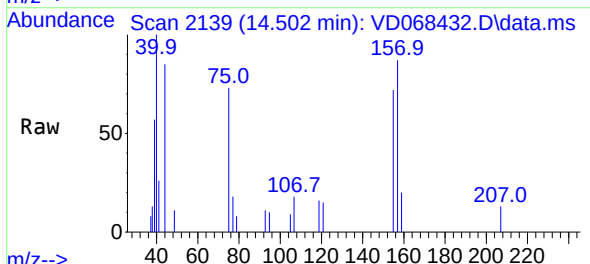
Tgt Ion:146 Resp: 37970
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.9
148 66.3 31.7 95.1

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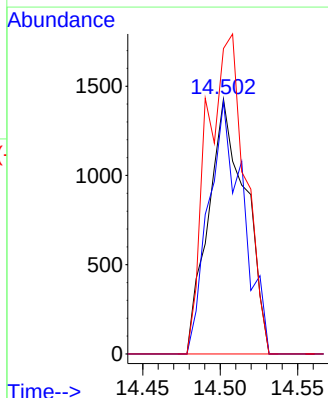
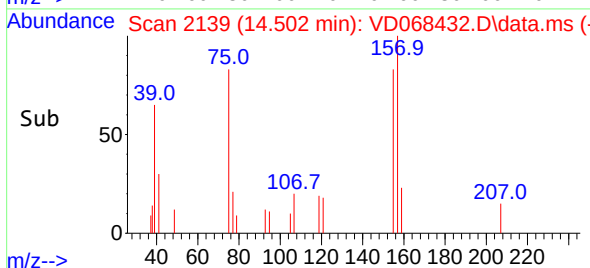
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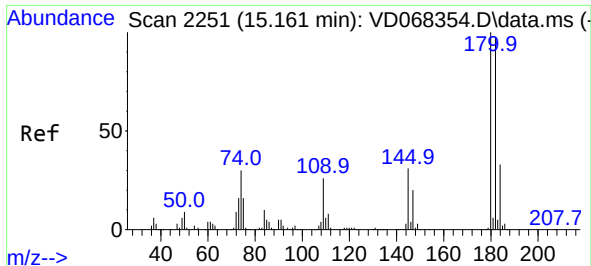


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.69 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



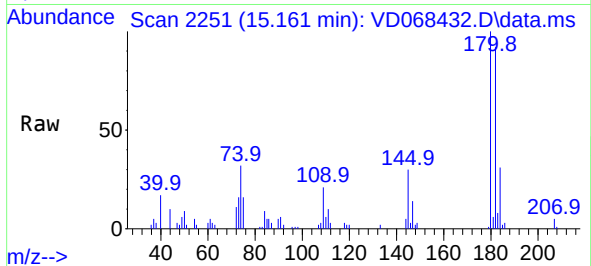
Tgt Ion: 75 Resp: 2386
Ion Ratio Lower Upper
75 100
155 91.4 48.0 144.2
157 129.6 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 6.99 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

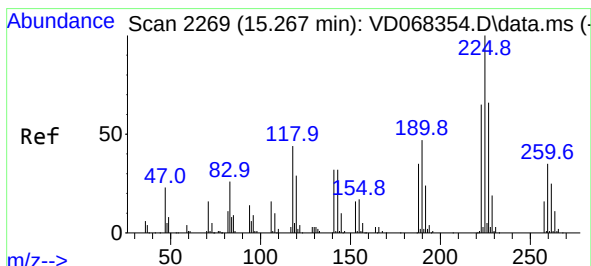
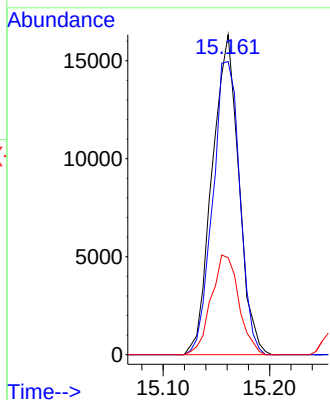
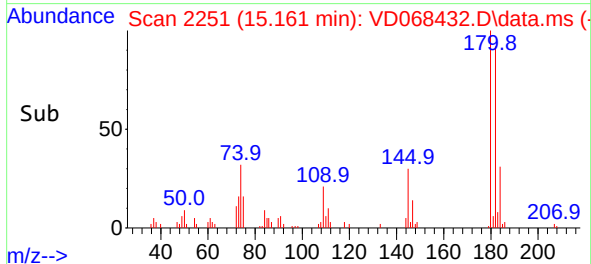
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



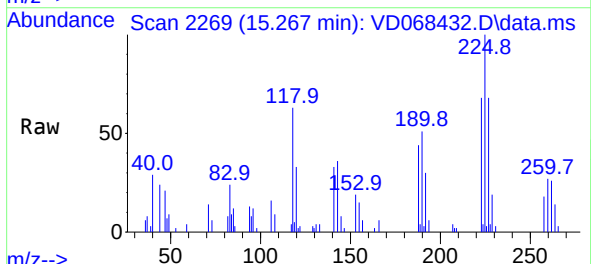
Tgt Ion:180 Resp: 28390
Ion Ratio Lower Upper
180 100
182 92.7 46.8 140.4
145 32.3 15.2 45.5

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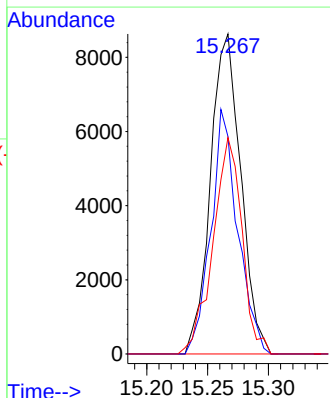
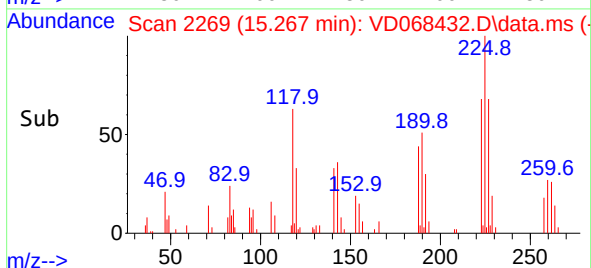
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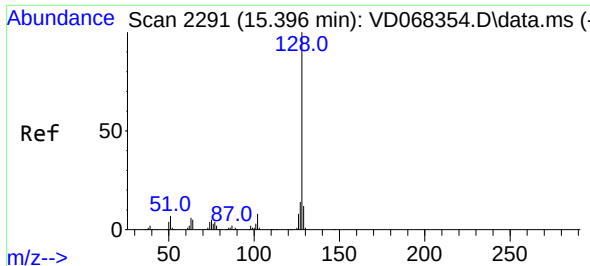


#94
Hexachlorobutadiene
Concen: 6.70 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50



Tgt Ion:225 Resp: 14964
Ion Ratio Lower Upper
225 100
223 68.0 31.9 95.5
227 64.7 32.1 96.5





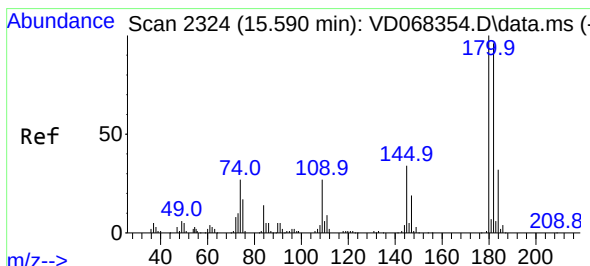
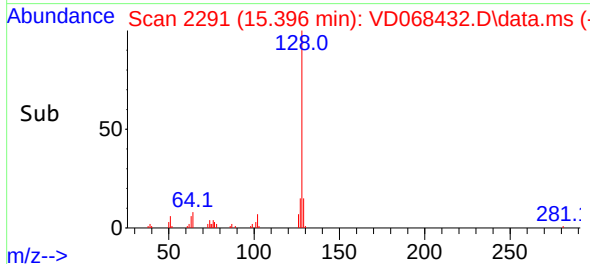
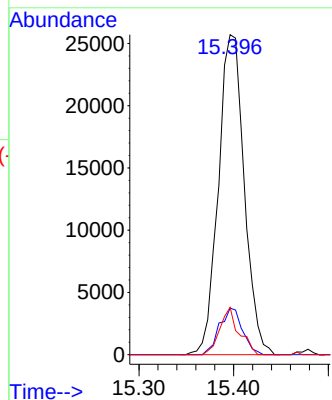
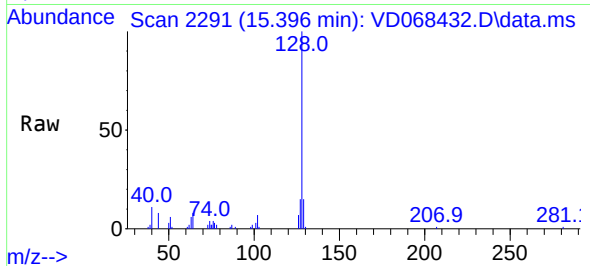
#95
Naphthalene
Concen: 6.47 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:	128	Resp:	48814
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	11.0	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 6.88 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068432.D
Acq: 24 Feb 2021 12:50

Tgt Ion:	180	Resp:	24344
Ion Ratio	Lower	Upper	
180	100		
182	91.1	48.3	144.8
145	31.1	16.7	50.1

