

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068430.D
 Acq On : 24 Feb 2021 11:54
 Operator : VA/SY
 Sample : M1458-01 2.5PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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Quant Time: Feb 25 00:38:26 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	334158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	589128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	529327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	236807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	182569	53.44	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.88%			
35) Dibromofluoromethane	7.920	113	187148	53.52	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.04%			
50) Toluene-d8	10.344	98	750486	51.78	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.56%			
62) 4-Bromofluorobenzene	12.632	95	233066	49.37	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.74%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	11150	3.64	ug/l	95
3) Chloromethane	2.209	50	11538	3.16	ug/l	95
4) Vinyl Chloride	2.350	62	14298	3.28	ug/l	99
5) Bromomethane	2.779	94	10920	3.50	ug/l #	76
6) Chloroethane	2.921	64	9528	3.34	ug/l	99
7) Trichlorofluoromethane	3.273	101	17412	3.24	ug/l	100
8) Diethyl Ether	3.709	74	4506	2.86	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	10523	3.22	ug/l	97
10) Methyl Iodide	4.315	142	9354	3.05	ug/l #	44
11) Tert butyl alcohol	5.203	59	8138m	47.52	ug/l	
12) 1,1-Dichloroethene	4.062	96	10101	3.18	ug/l #	91
13) Acrolein	3.926	56	2562	13.08	ug/l #	63
14) Allyl chloride	4.720	41	13396	3.24	ug/l	98
15) Acrylonitrile	5.426	53	9755	14.33	ug/l #	87
16) Acetone	4.156	43	8467	16.06	ug/l	97
17) Carbon Disulfide	4.420	76	31607	3.43	ug/l	100
18) Methyl Acetate	4.726	43	5256	3.63	ug/l #	87
19) Methyl tert-butyl Ether	5.473	73	22000	3.07	ug/l	96
20) Methylene Chloride	4.967	84	18113	4.32	ug/l #	87
21) trans-1,2-Dichloroethene	5.479	96	12758	3.47	ug/l	98
22) Diisopropyl ether	6.373	45	25959	2.84	ug/l	89
23) Vinyl Acetate	6.309	43	54394	11.52	ug/l	95
24) 1,1-Dichloroethane	6.267	63	18923	3.02	ug/l #	86
25) 2-Butanone	7.220	43	10992	14.92	ug/l #	82
26) 2,2-Dichloropropane	7.197	77	16263	3.04	ug/l	94
27) cis-1,2-Dichloroethene	7.214	96	12951	3.10	ug/l	97
28) Bromochloromethane	7.544	49	6521	2.51	ug/l #	85
29) Tetrahydrofuran	7.567	42	6826	14.32	ug/l #	86
30) Chloroform	7.708	83	19943	3.06	ug/l	95
31) Cyclohexane	7.985	56	22746	4.04	ug/l #	78
32) 1,1,1-Trichloroethane	7.903	97	17443	3.10	ug/l	93
36) 1,1-Dichloropropene	8.108	75	16046	3.08	ug/l	98
37) Ethyl Acetate	7.297	43	5099	2.90	ug/l #	68
38) Carbon Tetrachloride	8.097	117	14219	2.86	ug/l	97
39) Methylcyclohexane	9.355	83	19727	3.09	ug/l	94
40) Benzene	8.350	78	45973	3.09	ug/l	93

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Quant Time: Feb 25 00:38:26 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)
41) Methacrylonitrile	7.532	41	2970	2.93	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	12518	3.16	ug/l	97
43) Isopropyl Acetate	8.456	43	8773	2.60	ug/l #	82
44) Trichloroethene	9.114	130	12419	3.07	ug/l	91
45) 1,2-Dichloropropane	9.385	63	10362	2.86	ug/l #	88
46) Dibromomethane	9.479	93	6162	3.13	ug/l #	85
47) Bromodichloromethane	9.661	83	14254	2.79	ug/l #	84
48) Methyl methacrylate	9.455	41	4388	2.61	ug/l #	84
49) 1,4-Dioxane	9.461	88	1333	57.98	ug/l #	94
51) 4-Methyl-2-Pentanone	10.232	43	22542	13.01	ug/l	99
52) Toluene	10.408	92	28787	3.01	ug/l	97
53) t-1,3-Dichloropropene	10.620	75	14030	2.97	ug/l	92
54) cis-1,3-Dichloropropene	10.091	75	16690	2.89	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	7855	2.89	ug/l	91
56) Ethyl methacrylate	10.661	69	7809	2.42	ug/l	95
57) 1,3-Dichloropropane	10.949	76	13106	2.75	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	22364	12.95	ug/l	96
59) 2-Hexanone	10.985	43	14314	12.23	ug/l	97
60) Dibromochloromethane	11.144	129	9360	2.77	ug/l	96
61) 1,2-Dibromoethane	11.249	107	7578	2.88	ug/l	99
64) Tetrachloroethene	10.879	164	10631	3.26	ug/l	94
65) Chlorobenzene	11.673	112	29879	2.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	9757	2.75	ug/l	96
67) Ethyl Benzene	11.744	91	52835	2.90	ug/l	93
68) m/p-Xylenes	11.855	106	39366	5.71	ug/l	98
69) o-Xylene	12.185	106	17479	2.76	ug/l	99
70) Styrene	12.196	104	28789	2.62	ug/l	98
71) Bromoform	12.355	173	4843	2.65	ug/l #	99
73) Isopropylbenzene	12.479	105	47372	2.74	ug/l	99
74) N-amyl acetate	12.291	43	7386	2.42	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.732	83	8068	2.69	ug/l	92
76) 1,2,3-Trichloropropane	12.785	75	5150m	2.29	ug/l	
77) Bromobenzene	12.761	156	10904	2.82	ug/l	92
78) n-propylbenzene	12.820	91	60393	2.92	ug/l	99
79) 2-Chlorotoluene	12.908	91	31794	2.77	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	38875	2.75	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	2458m	2.73	ug/l	
82) 4-Chlorotoluene	13.002	91	34020	2.81	ug/l	97
83) tert-Butylbenzene	13.220	119	34584	2.82	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	37534	2.67	ug/l	93
85) sec-Butylbenzene	13.396	105	48377	2.82	ug/l	99
86) p-Isopropyltoluene	13.514	119	42929	2.79	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	20894	2.79	ug/l	95
88) 1,4-Dichlorobenzene	13.596	146	21991	2.96	ug/l	90
89) n-Butylbenzene	13.838	91	41669	2.77	ug/l	96
90) Hexachloroethane	14.114	117	8405	3.01	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	19405	2.99	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	1563	3.57	ug/l	77
93) 1,2,4-Trichlorobenzene	15.161	180	14672	3.46	ug/l	90
94) Hexachlorobutadiene	15.261	225	8455	3.62	ug/l	97
95) Naphthalene	15.396	128	25816	3.27	ug/l	97
96) 1,2,3-Trichlorobenzene	15.585	180	12805	3.46	ug/l	97

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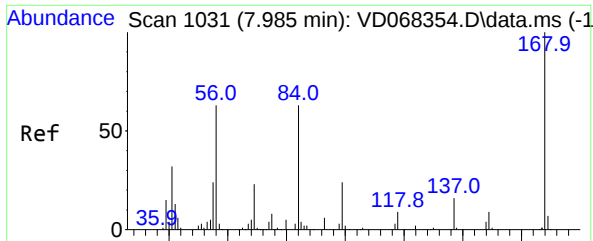
Manual Integrations
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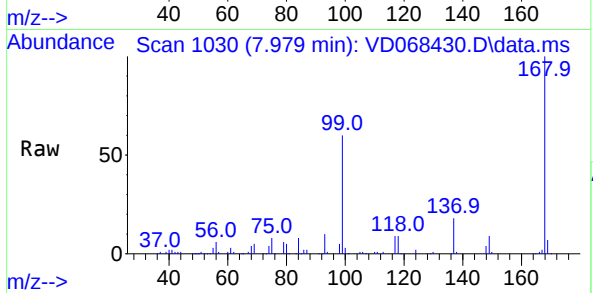
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 25 00:38:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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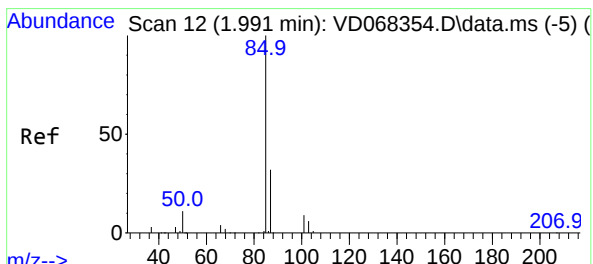
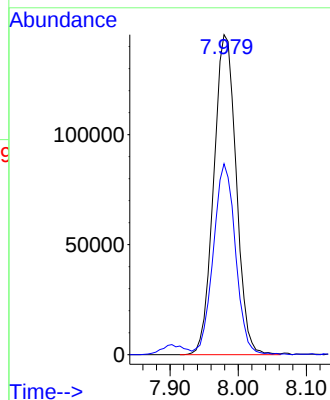
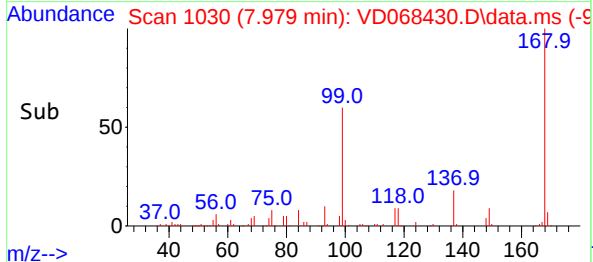
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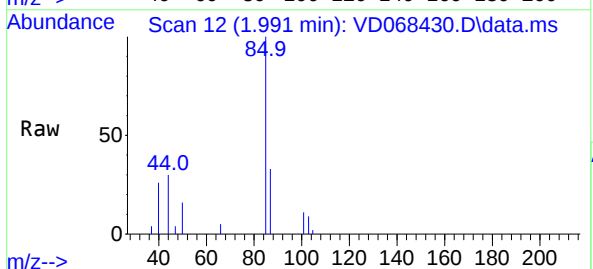
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068430.D
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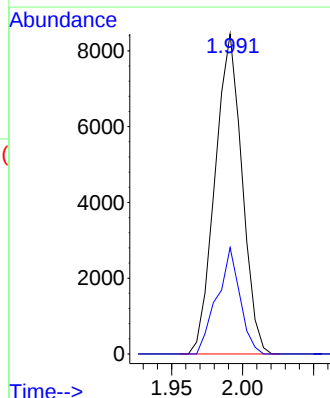
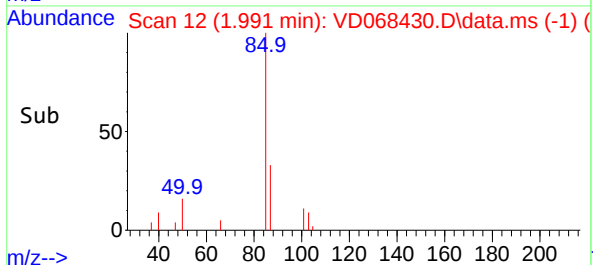
Tgt Ion:168 Resp: 334158
Ion Ratio Lower Upper
168 100
99 59.5 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 3.64 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



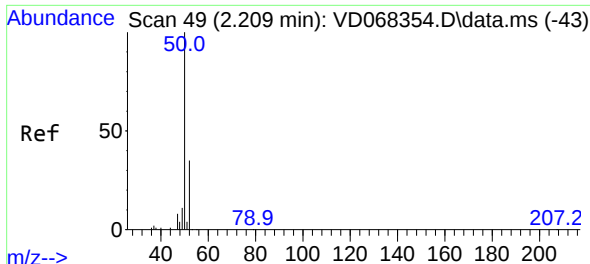
Tgt Ion: 85 Resp: 11150
Ion Ratio Lower Upper
85 100
87 33.3 15.4 46.1



Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

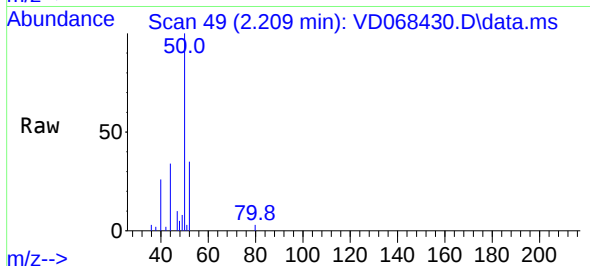
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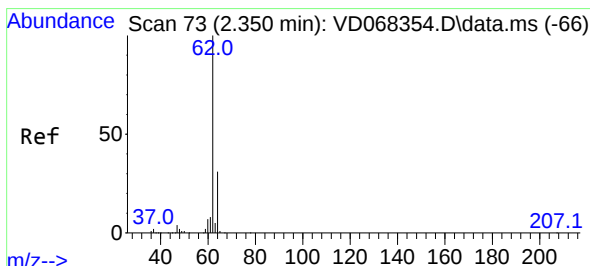
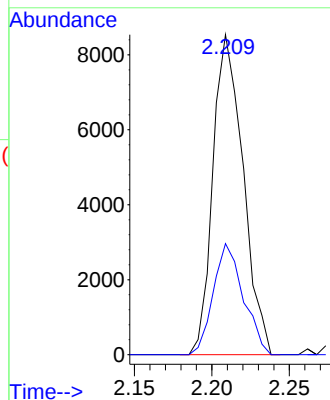
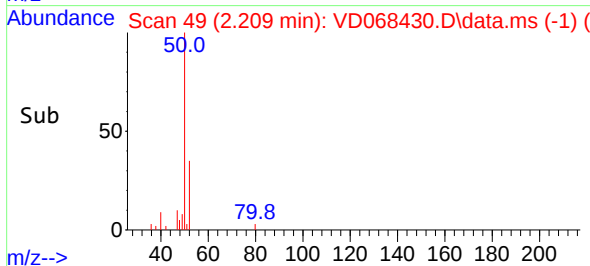


#3
Chloromethane
Concen: 3.16 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

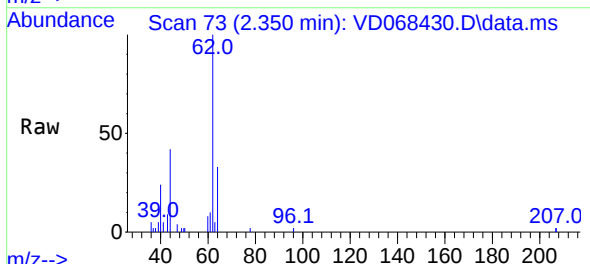
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LOD-MDL-SOIL-01-QT1-2021



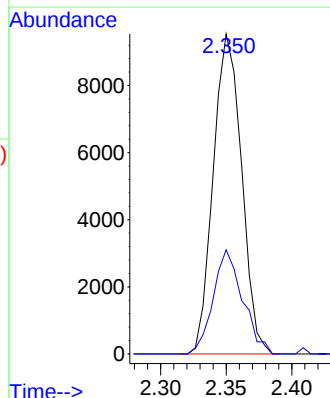
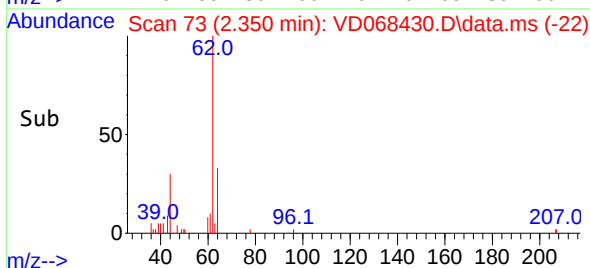
Tgt Ion: 50 Resp: 11538
Ion Ratio Lower Upper
50 100
52 34.7 25.4 38.2

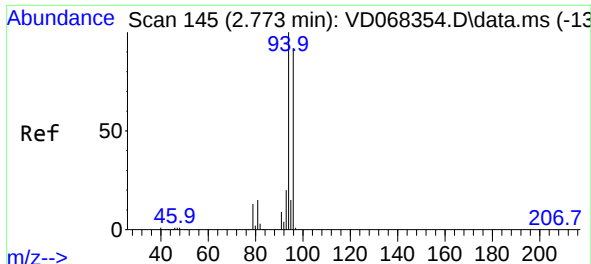


#4
Vinyl Chloride
Concen: 3.28 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



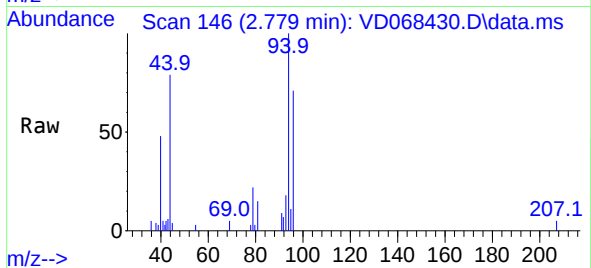
Tgt Ion: 62 Resp: 14298
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.2





#5
Bromomethane
Concen: 3.50 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

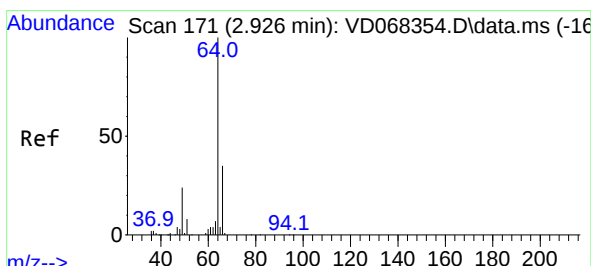
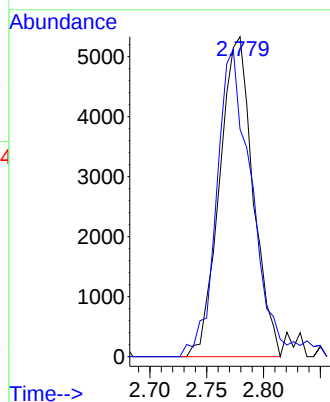
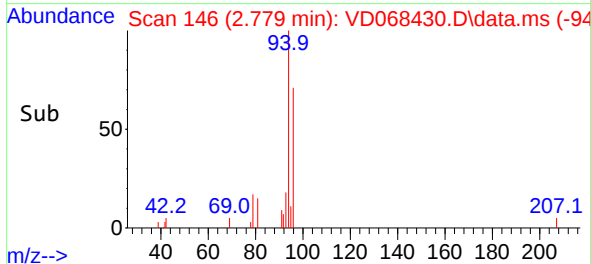
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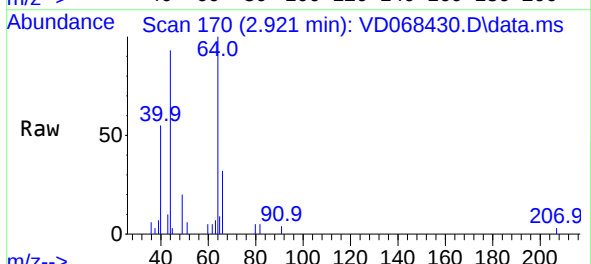
Tgt Ion: 94 Resp: 10920
Ion Ratio Lower Upper
94 100
96 71.0 75.8 113.8#

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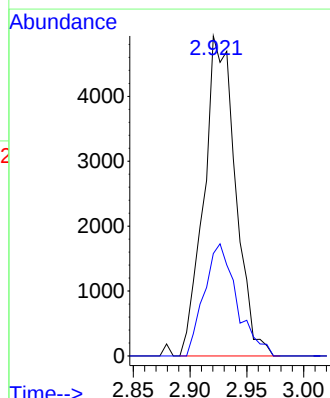
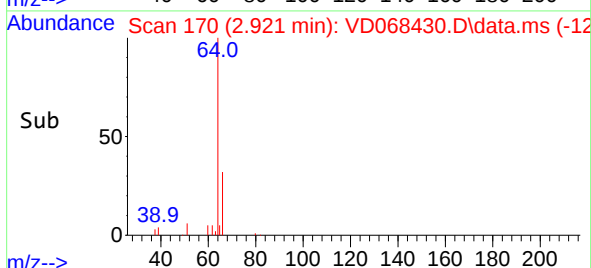
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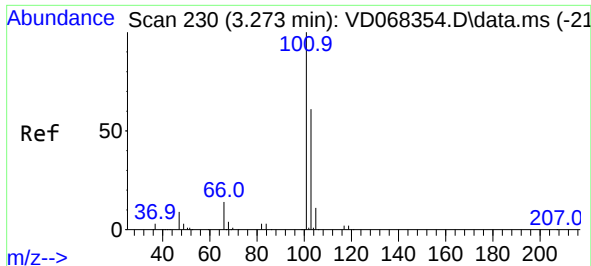


#6
Chloroethane
Concen: 3.34 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



Tgt Ion: 64 Resp: 9528
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





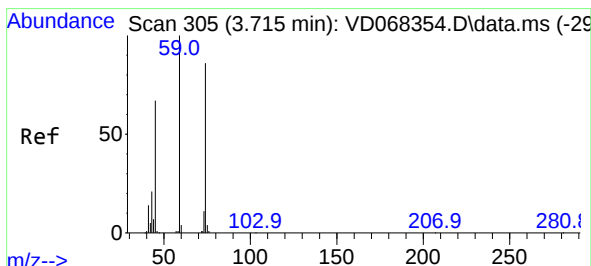
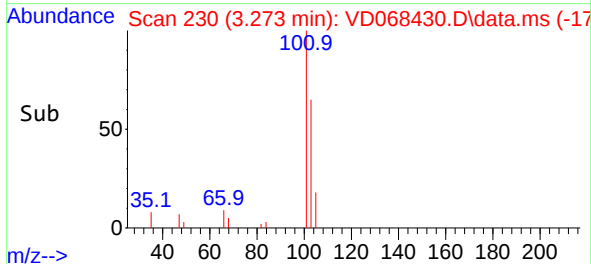
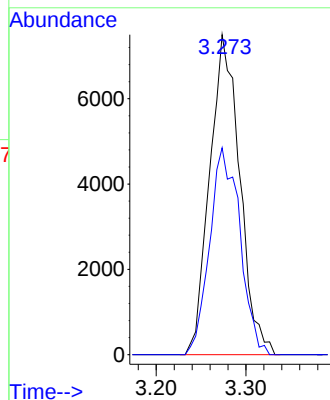
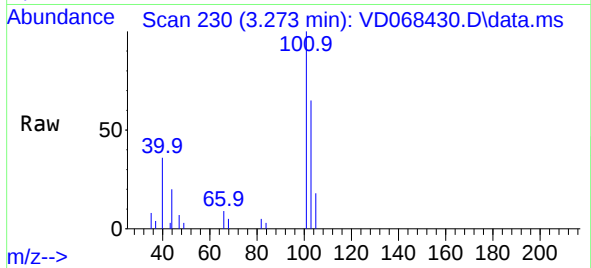
#7
Trichlorofluoromethane
Concen: 3.24 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion:101 Resp: 17412
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

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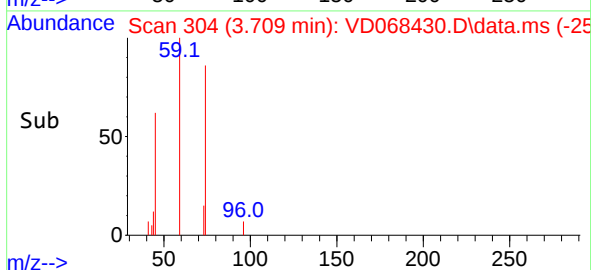
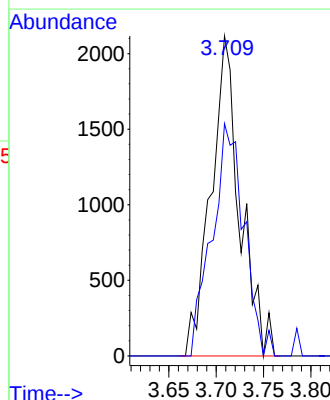
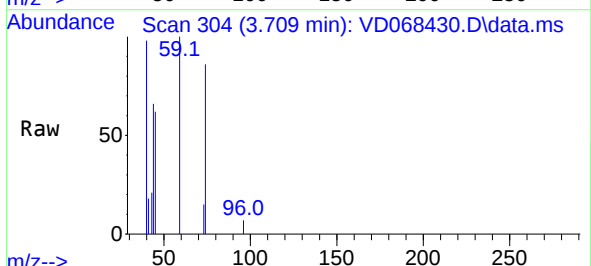
Manual Integrations
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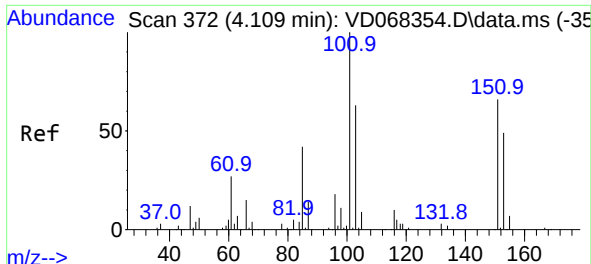
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#8
Diethyl Ether
Concen: 2.86 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 74 Resp: 4506
Ion Ratio Lower Upper
74 100
45 80.4 42.1 126.4





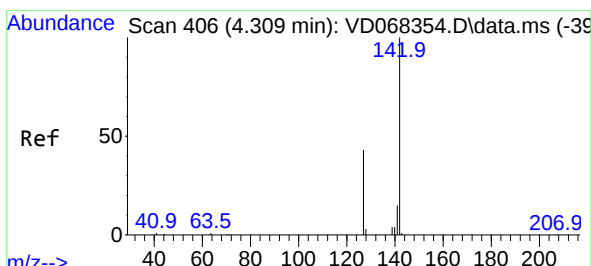
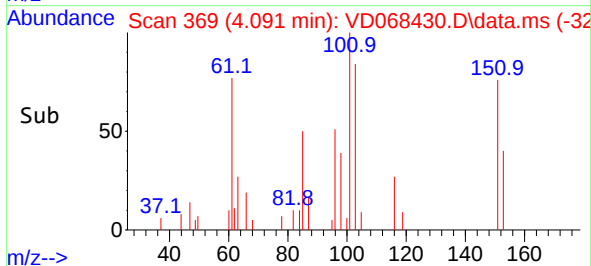
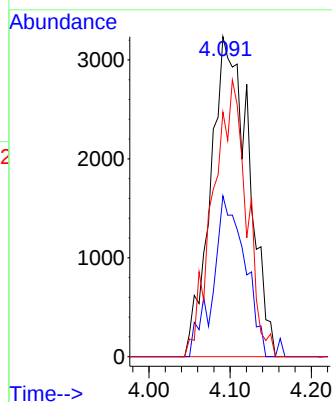
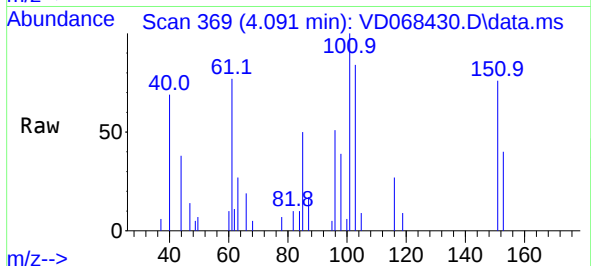
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.22 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.018 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion:	101	Resp:	10523
Ion	Ratio	Lower	Upper
101	100		
85	41.9	34.0	51.0
151	76.4	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

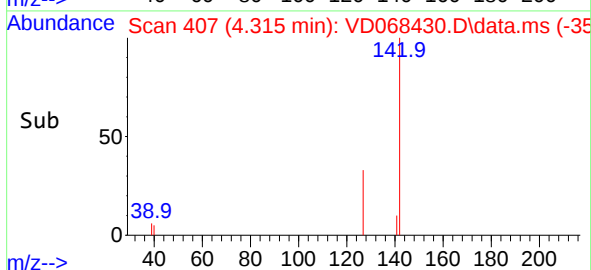
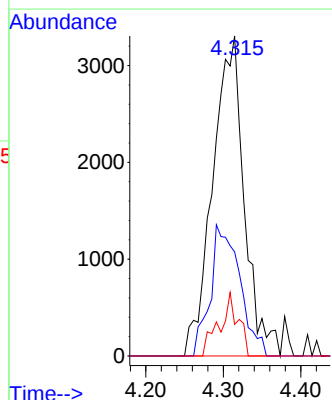
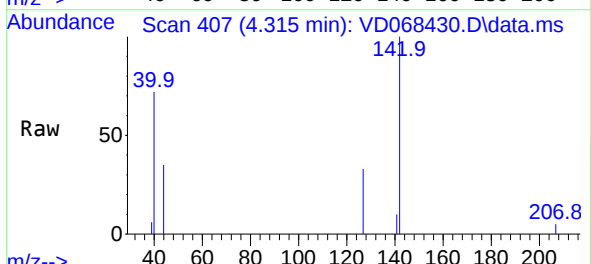
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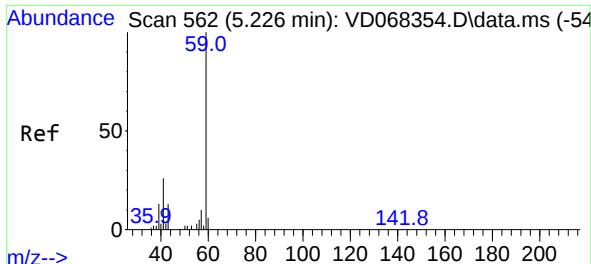
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#10
Methyl Iodide
Concen: 3.05 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion:	142	Resp:	9354
Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.9	56.9#
141	11.8	11.5	17.3





#11

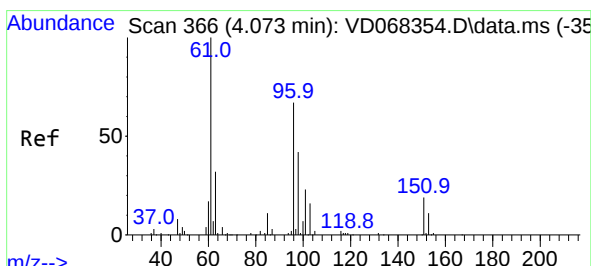
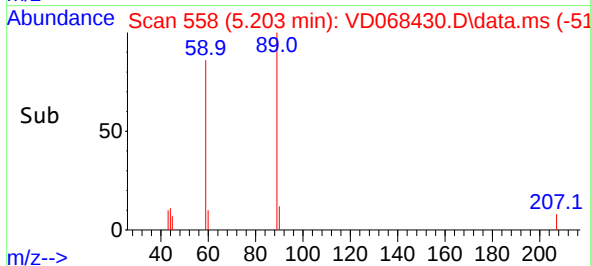
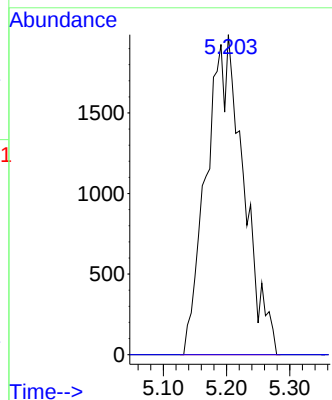
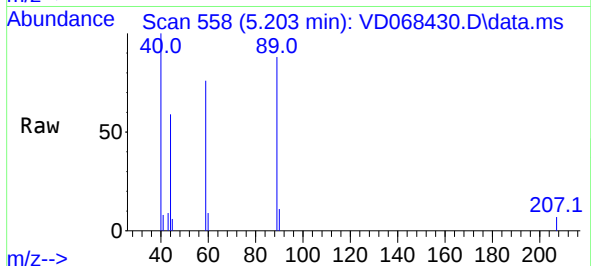
Tert butyl alcohol
Concen: 47.52 ug/l m
RT: 5.203 min Scan# 558
Delta R.T. -0.024 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 59 Resp: 8138
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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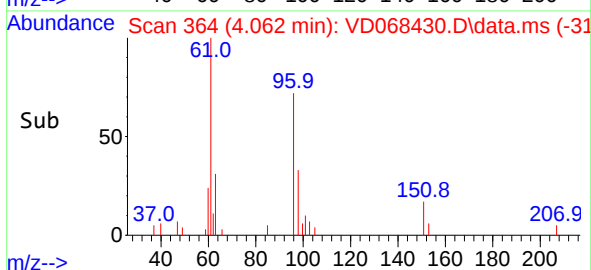
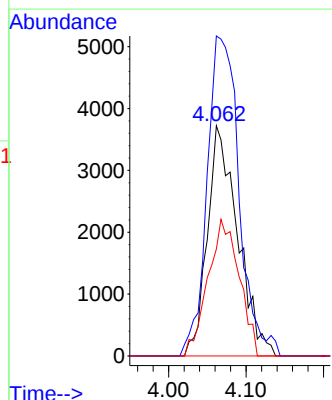
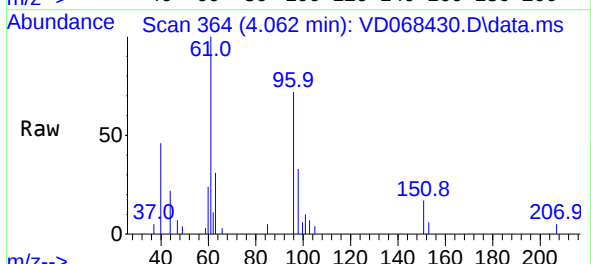
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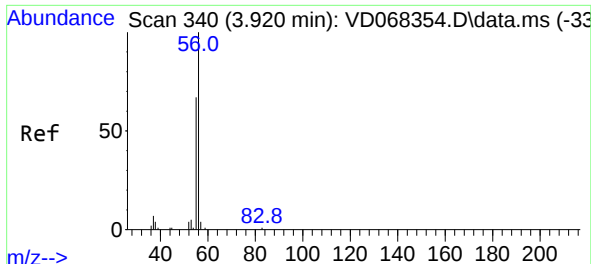


#12

1,1-Dichloroethene
Concen: 3.18 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.012 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 96 Resp: 10101
Ion Ratio Lower Upper
96 100
61 138.9 116.2 174.4
98 46.4 48.6 73.0#





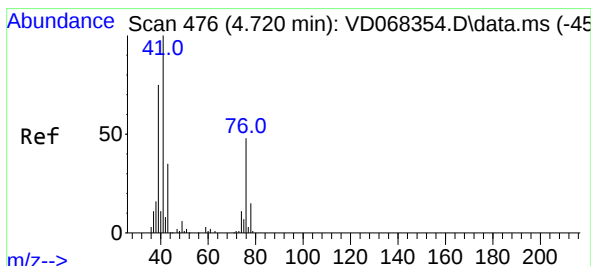
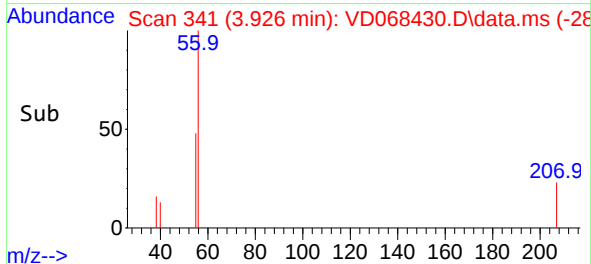
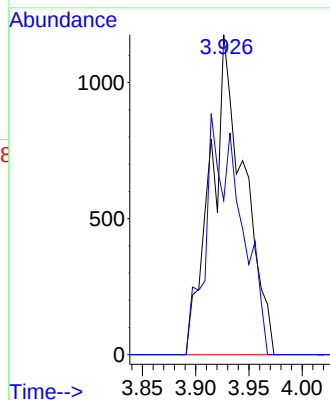
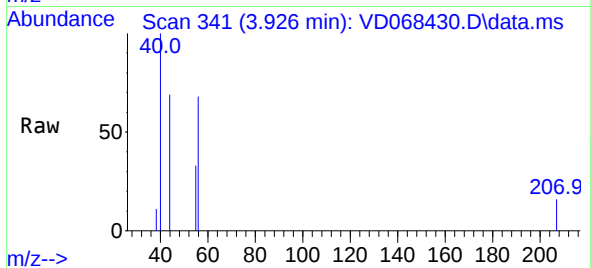
#13
Acrolein
Concen: 13.08 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 56 Resp: 2562
Ion Ratio Lower Upper
56 100
55 39.9 56.5 84.7#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

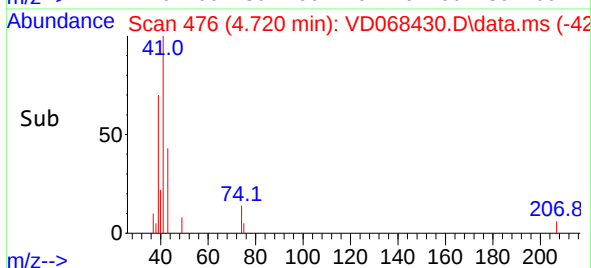
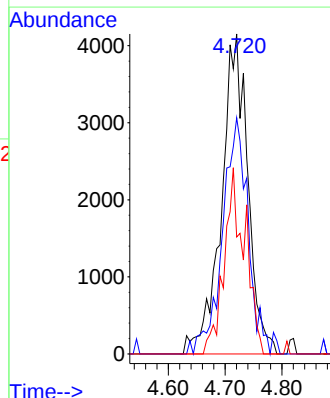
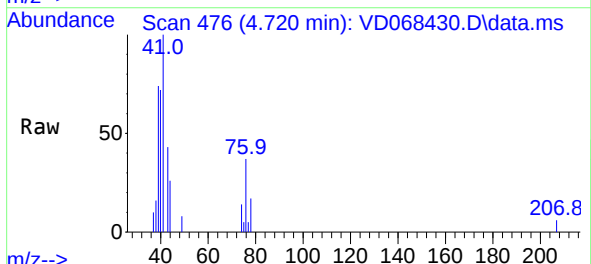
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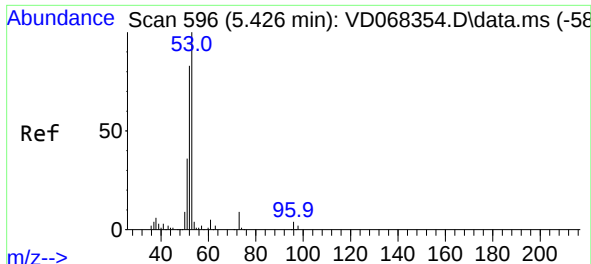
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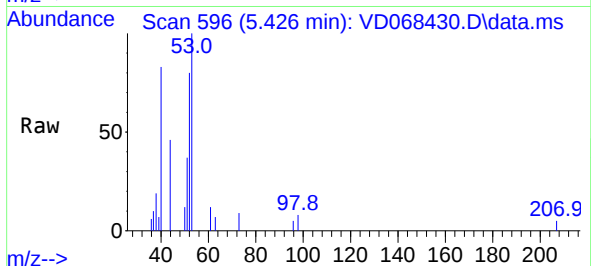
#14
Allyl chloride
Concen: 3.24 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 41 Resp: 13396
Ion Ratio Lower Upper
41 100
39 71.2 56.3 84.5
76 45.8 38.9 58.3

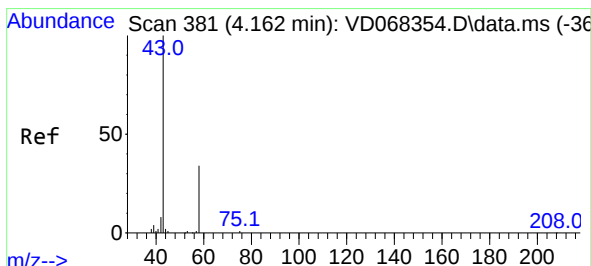
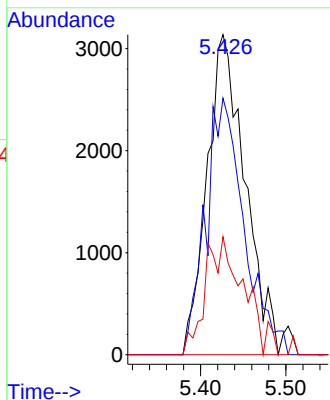
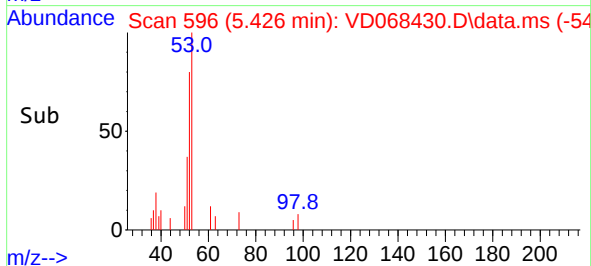




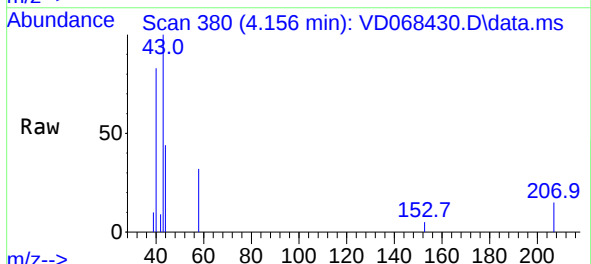
#15
Acrylonitrile
Concen: 14.33 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



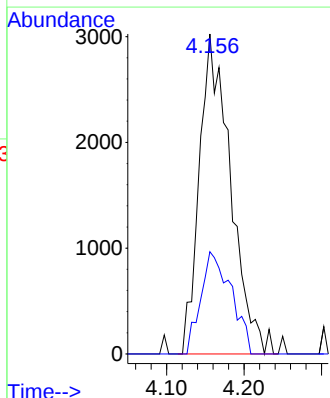
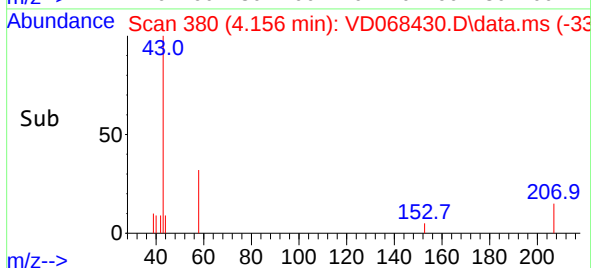
Tgt Ion: 53 Resp: 9755
Ion Ratio Lower Upper
53 100
52 81.0 66.2 99.2
51 14.2 29.0 43.4#



#16
Acetone
Concen: 16.06 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



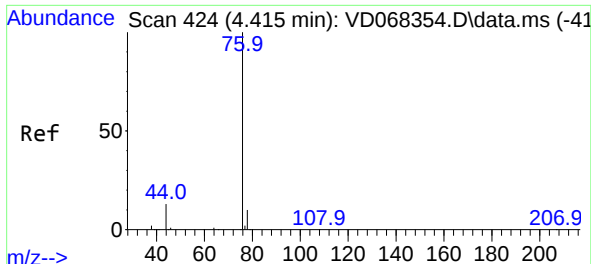
Tgt Ion: 43 Resp: 8467
Ion Ratio Lower Upper
43 100
58 32.0 24.2 36.4



Instrument :
MSVOA_D
ClientSampleId :
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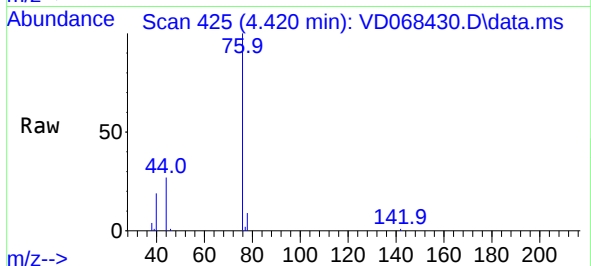
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#17
Carbon Disulfide
Concen: 3.43 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

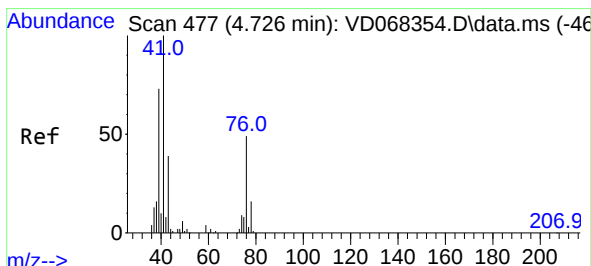
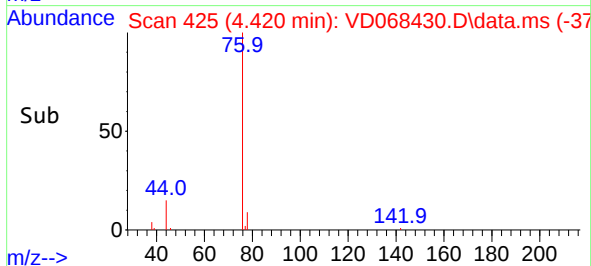
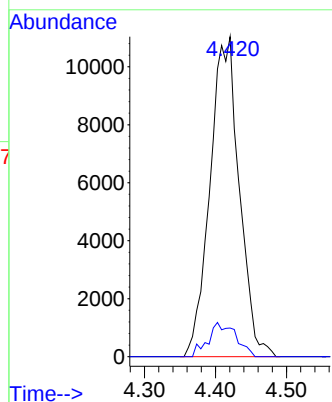
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 76 Resp: 31607
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

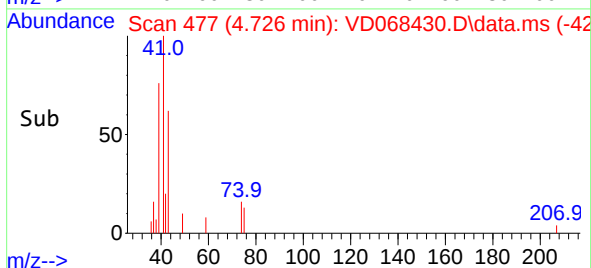
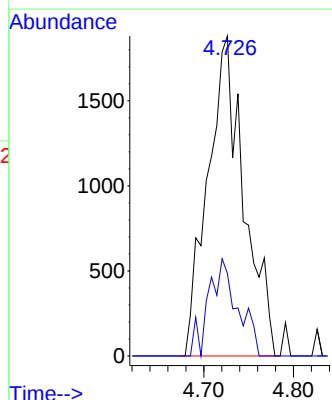
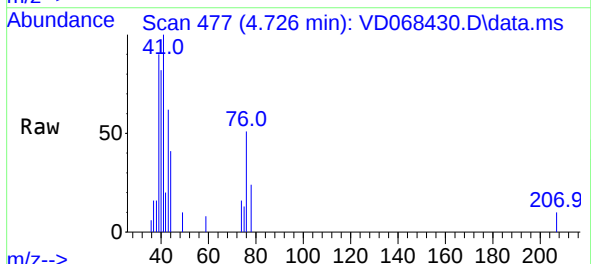
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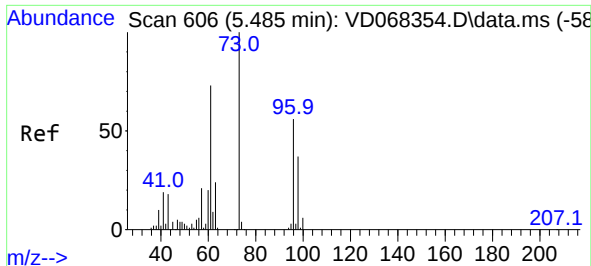
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#18
Methyl Acetate
Concen: 3.63 ug/l
RT: 4.726 min Scan# 477
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

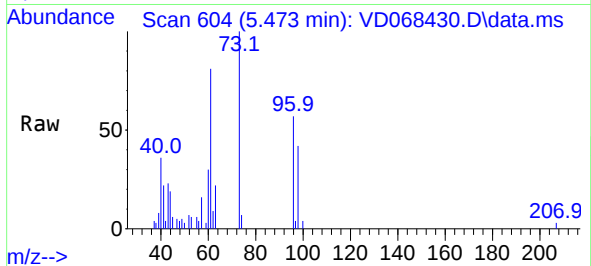
Tgt Ion: 43 Resp: 5256
Ion Ratio Lower Upper
43 100
74 24.4 25.4 38.0#





#19
Methyl tert-butyl Ether
Concen: 3.07 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

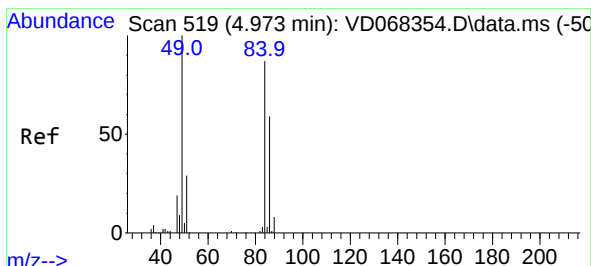
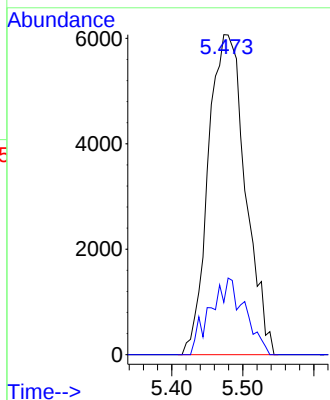
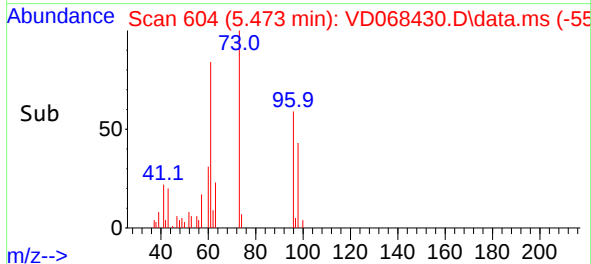
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



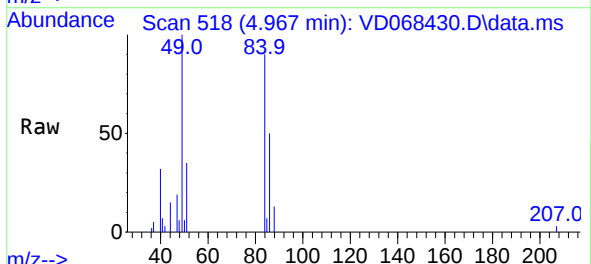
Tgt Ion: 73 Resp: 22000
Ion Ratio Lower Upper
73 100
57 16.4 14.4 21.6

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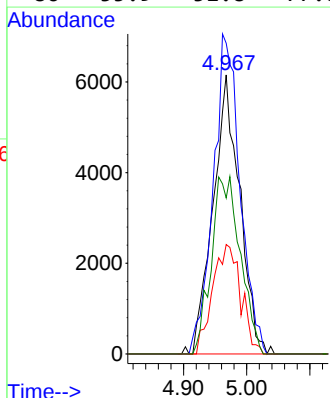
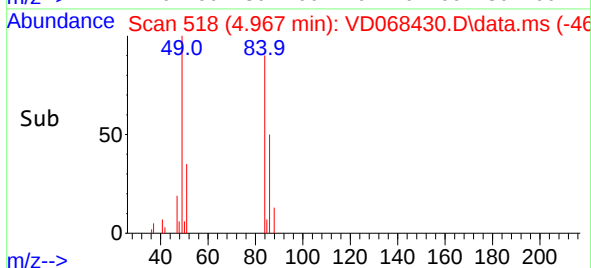
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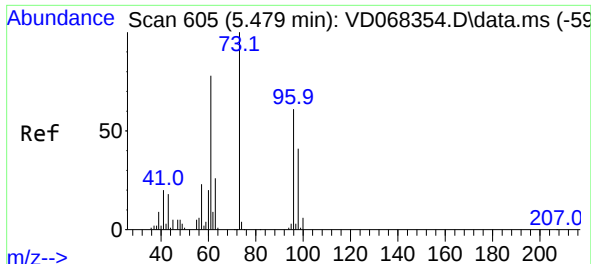


#20
Methylene Chloride
Concen: 4.32 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



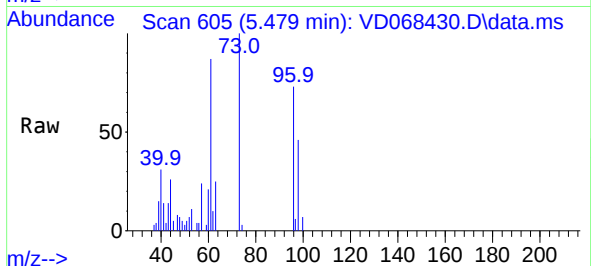
Tgt Ion: 84 Resp: 18113
Ion Ratio Lower Upper
84 100
49 111.4 77.4 116.2
51 39.2 26.1 39.1#
86 55.9 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 3.47 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

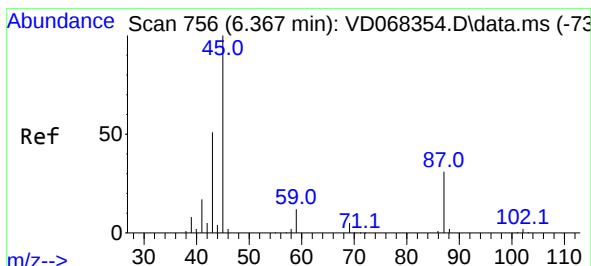
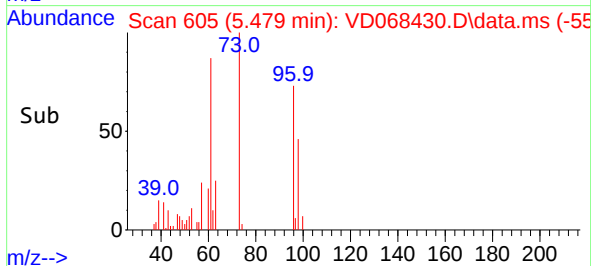
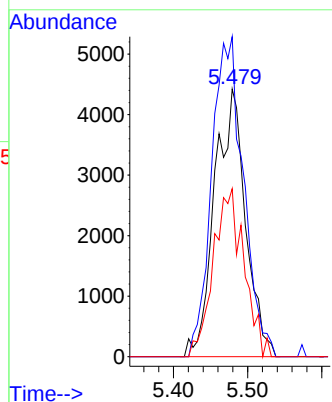


Tgt Ion: 96 Resp: 12758

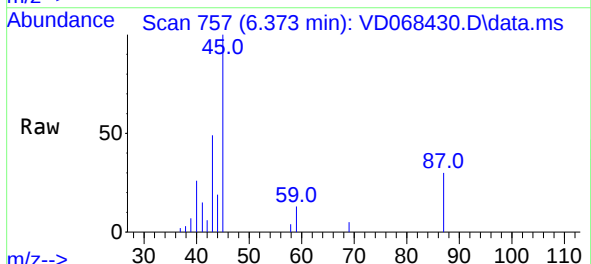
Ion	Ratio	Lower	Upper
96	100		
61	119.6	96.7	145.1
98	62.8	47.6	71.4

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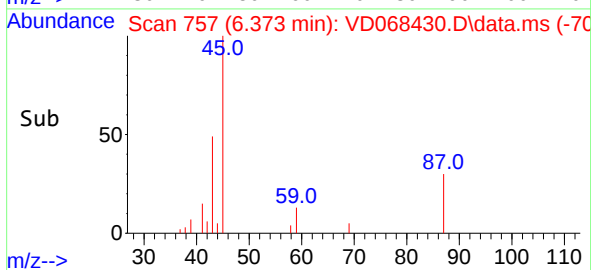
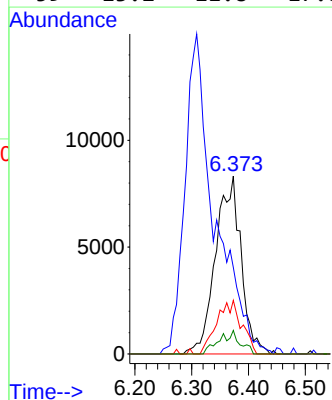


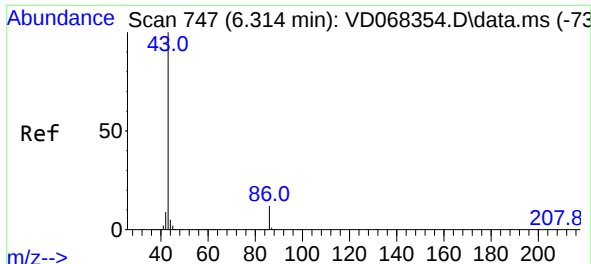
#22
Diisopropyl ether
Concen: 2.84 ug/l
RT: 6.373 min Scan# 757
Delta R.T. 0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



Tgt Ion: 45 Resp: 25959

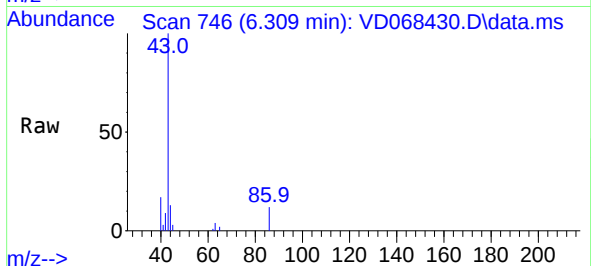
Ion	Ratio	Lower	Upper
45	100		
43	45.8	43.9	65.9
87	30.2	29.9	44.9
59	13.2	11.8	17.8





#23
 Vinyl Acetate
 Concen: 11.52 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD068430.D
 Acq: 24 Feb 2021 11:54

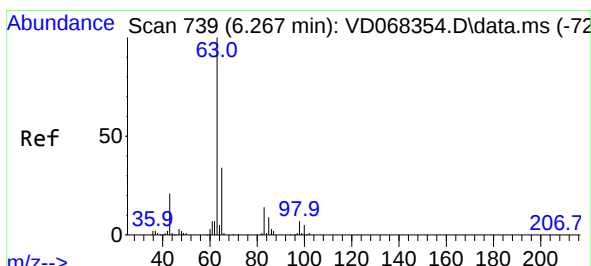
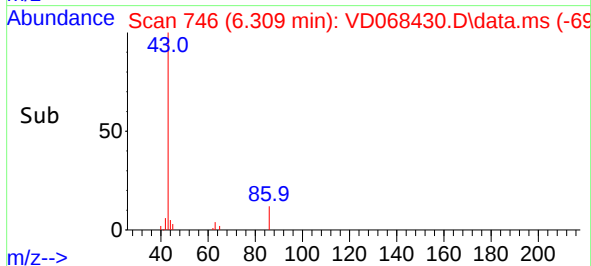
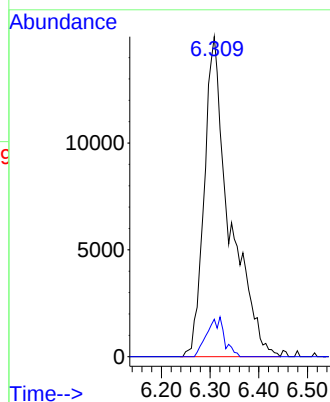
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 43 Resp: 54394
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.8 16.2

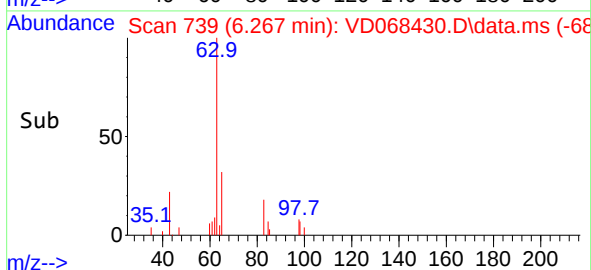
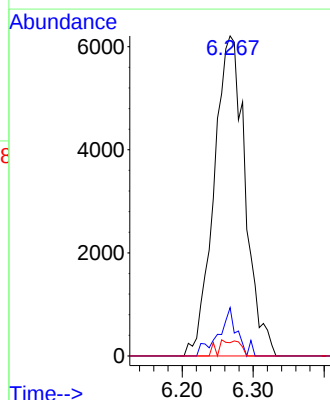
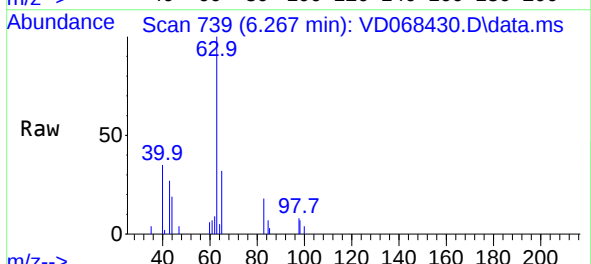
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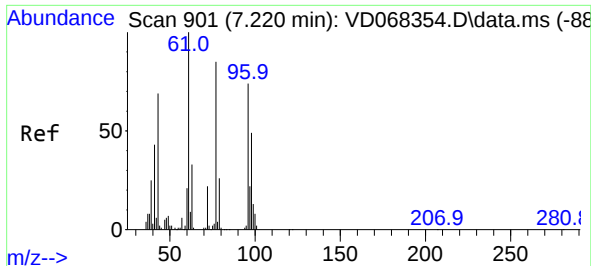
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#24
 1,1-Dichloroethane
 Concen: 3.02 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD068430.D
 Acq: 24 Feb 2021 11:54

Tgt Ion: 63 Resp: 18923
 Ion Ratio Lower Upper
 63 100
 98 15.1 3.8 11.4#
 100 4.1 2.6 8.0





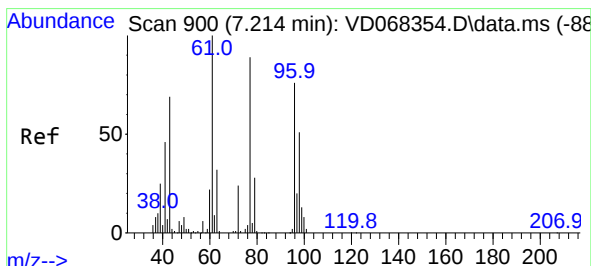
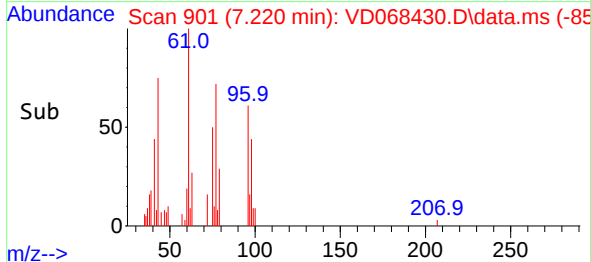
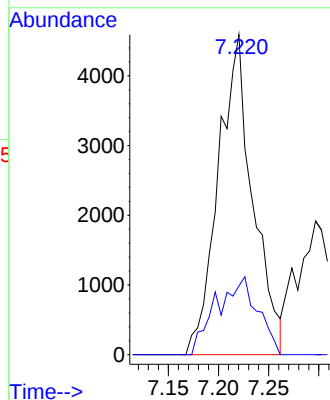
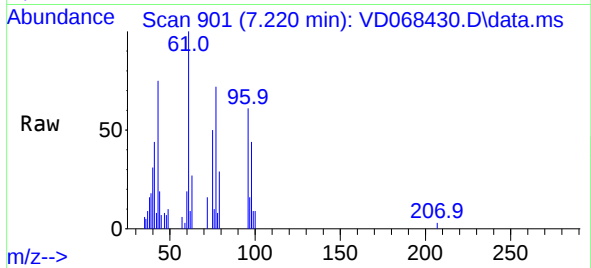
#25
2-Butanone
Concen: 14.92 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 43 Resp: 10992
Ion Ratio Lower Upper
43 100
72 21.5 25.1 37.7#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

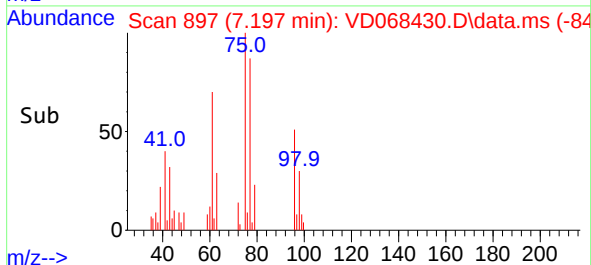
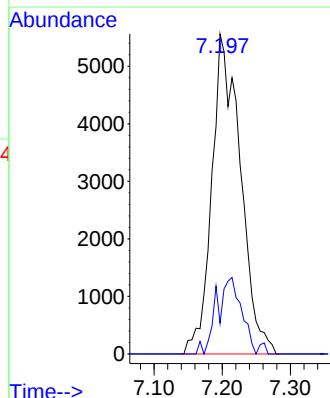
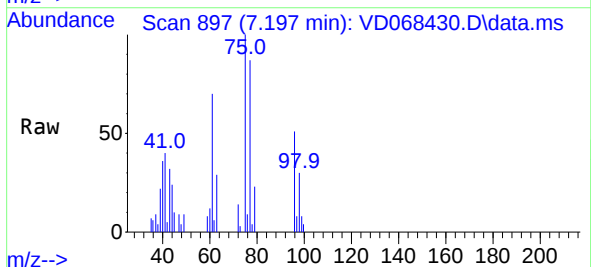
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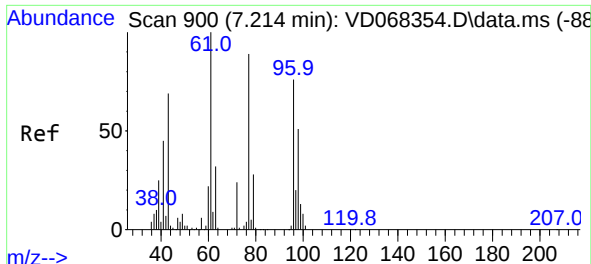
MMDadoda
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#26
2,2-Dichloropropane
Concen: 3.04 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

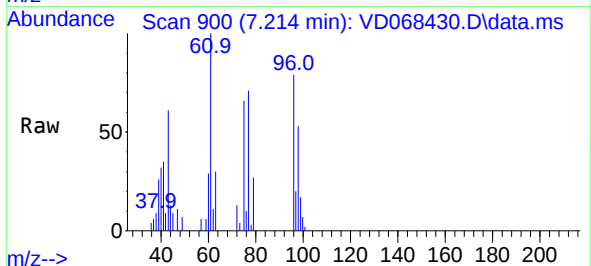
Tgt Ion: 77 Resp: 16263
Ion Ratio Lower Upper
77 100
97 20.6 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 3.10 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

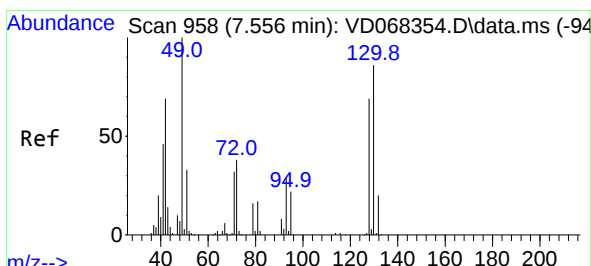
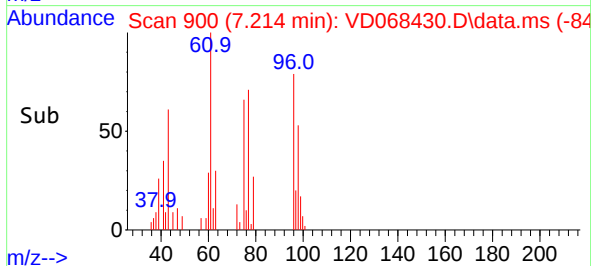
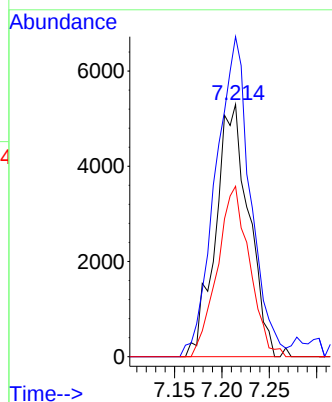
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 96 Resp: 12951
Ion Ratio Lower Upper
96 100
61 133.2 0.0 257.4
98 65.4 0.0 126.6

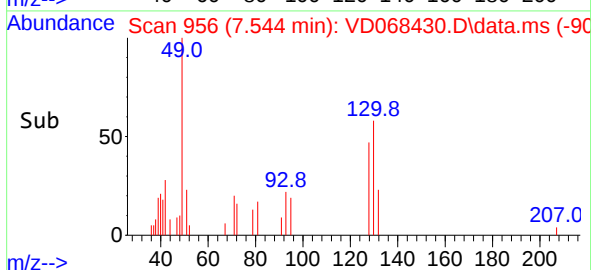
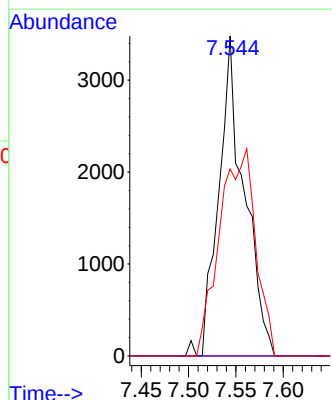
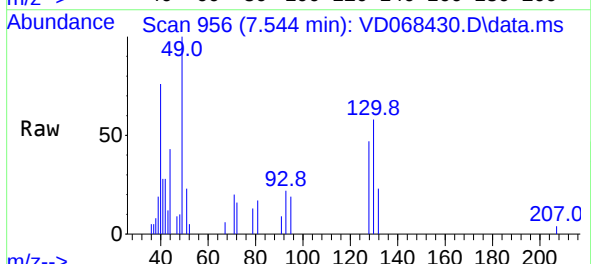
Manual Integrations
APPROVED

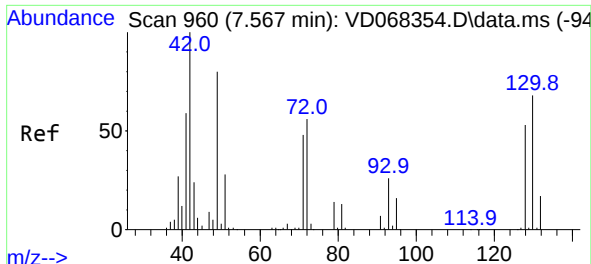
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#28
Bromochloromethane
Concen: 2.51 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.012 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 49 Resp: 6521
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 91.3 85.5 128.3





#29
Tetrahydrofuran
Concen: 14.32 ug/l
RT: 7.567 min Scan# 960
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

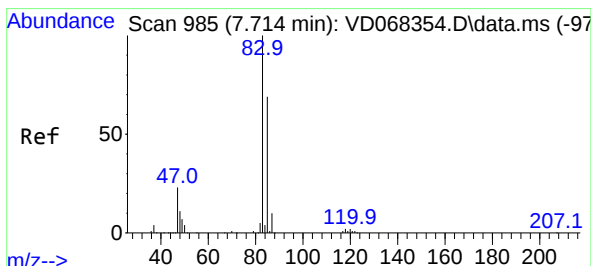
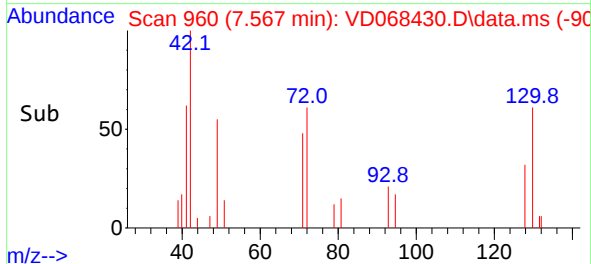
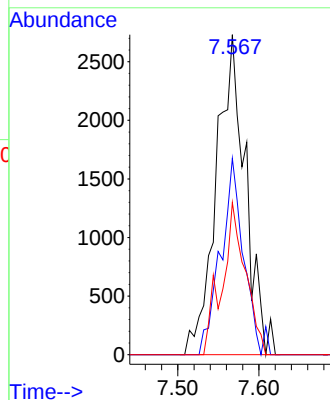
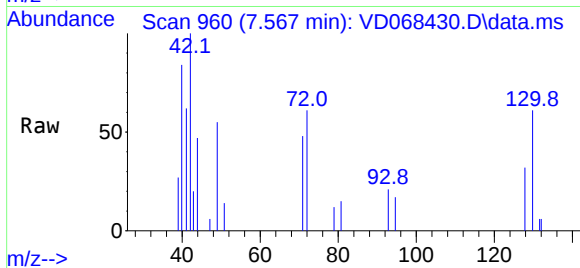
Tgt Ion: 42 Resp: 6826

Ion	Ratio	Lower	Upper
42	100		
72	47.2	43.4	65.0
71	38.3	40.8	61.2#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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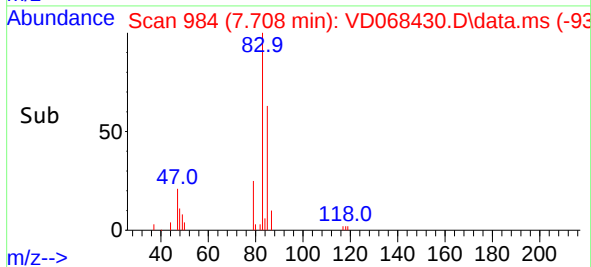
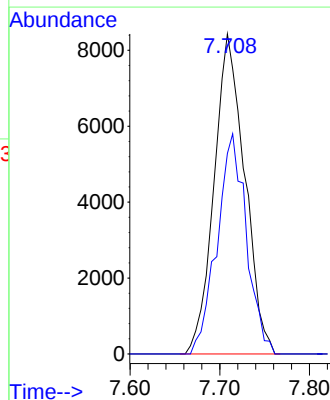
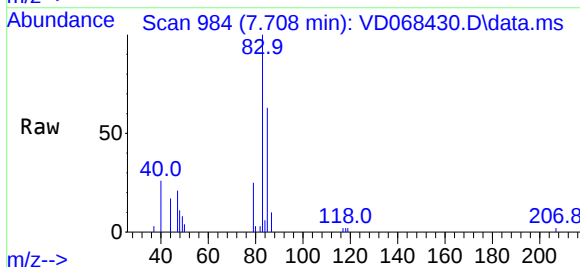
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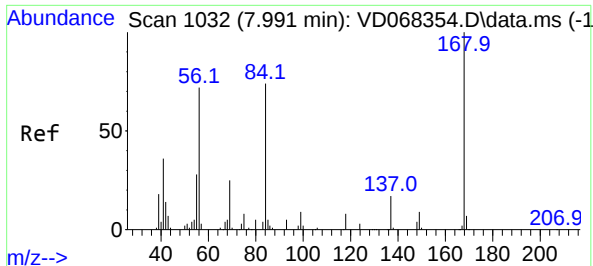


#30
Chloroform
Concen: 3.06 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 83 Resp: 19943

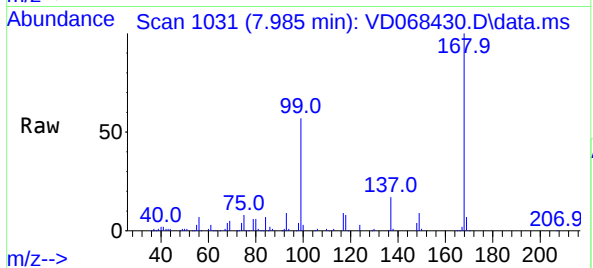
Ion	Ratio	Lower	Upper
83	100		
85	62.7	53.4	80.0





#31
Cyclohexane
Concen: 4.04 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

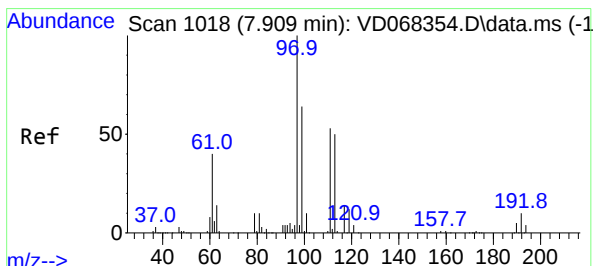
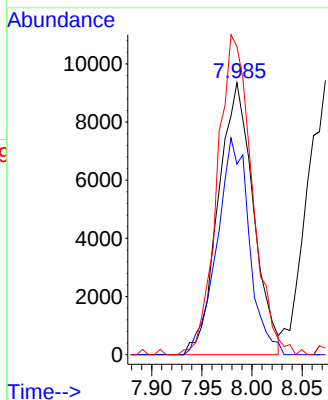
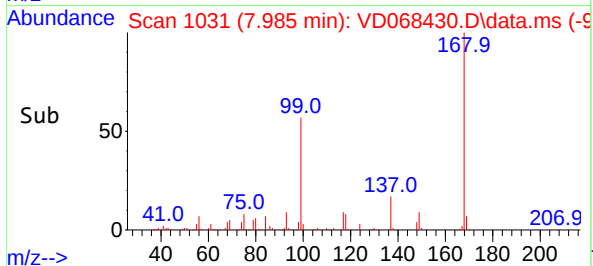
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



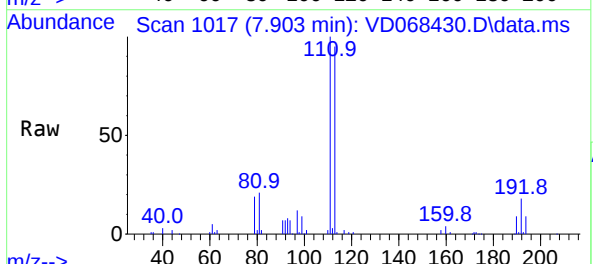
Tgt Ion: 56 Resp: 22746
Ion Ratio Lower Upper
56 100
69 70.1 30.1 45.1#
84 113.2 82.1 123.1

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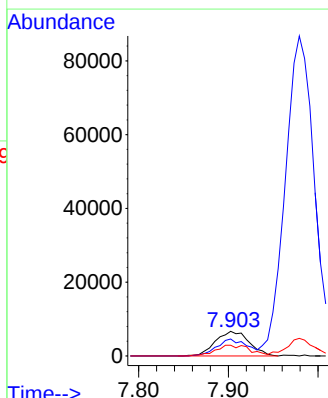
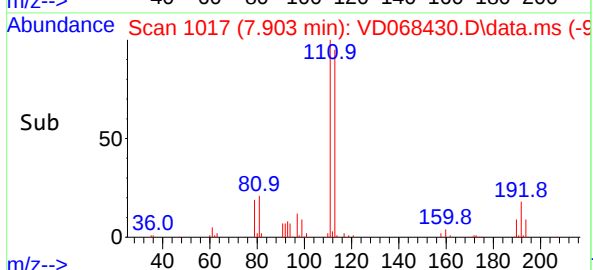
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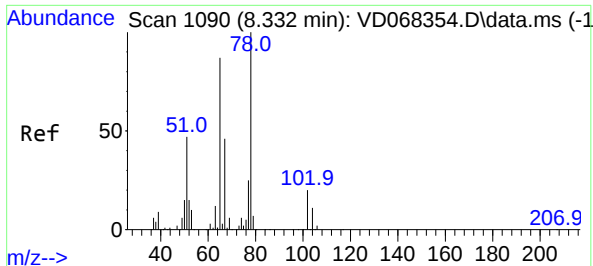


#32
1,1,1-Trichloroethane
Concen: 3.10 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



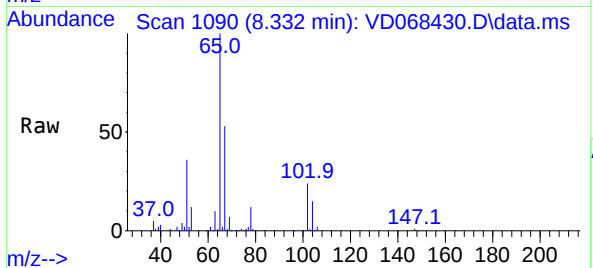
Tgt Ion: 97 Resp: 17443
Ion Ratio Lower Upper
97 100
99 61.8 52.1 78.1
61 44.6 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 53.44 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

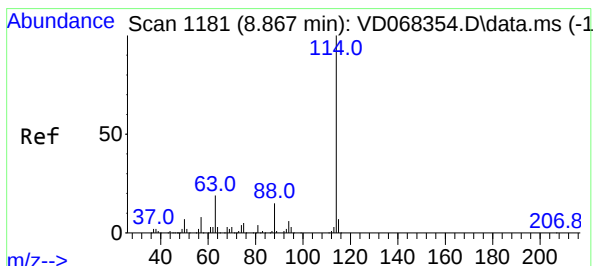
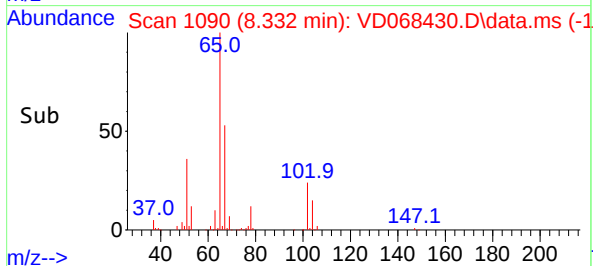
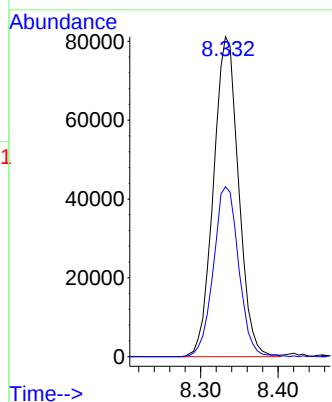
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



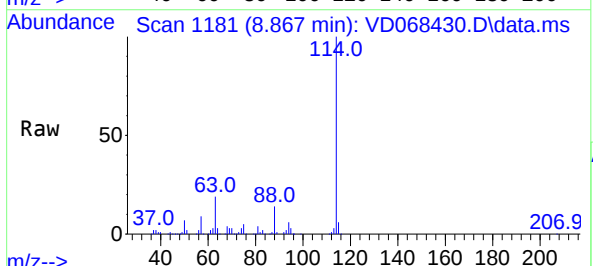
Tgt Ion: 65 Resp: 182569
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.0

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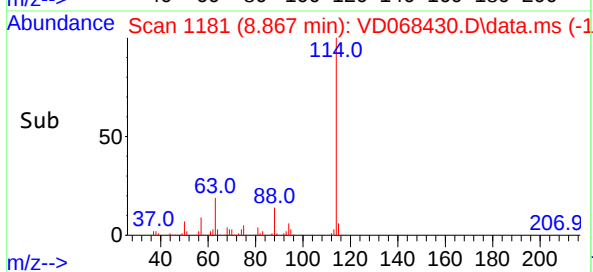
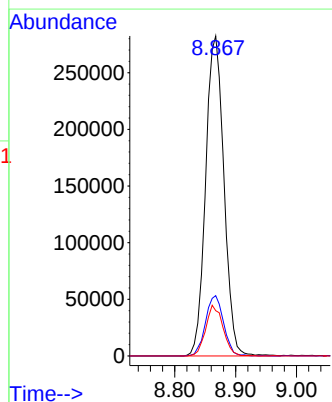
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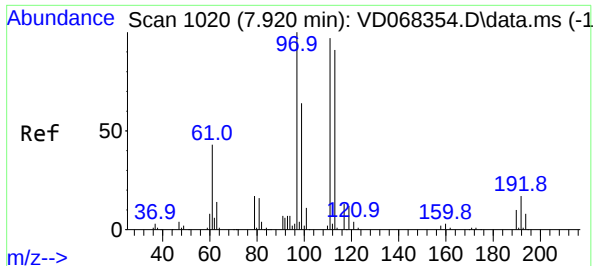


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

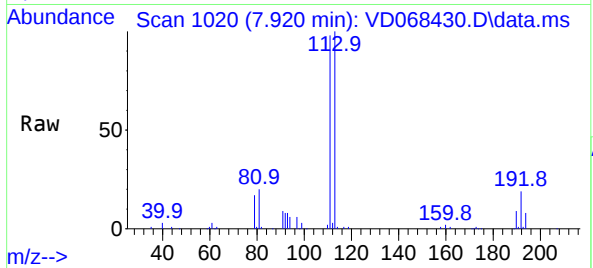


Tgt Ion: 114 Resp: 589128
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.8
88 14.2 0.0 31.6

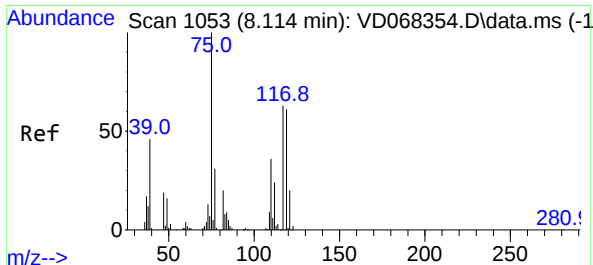
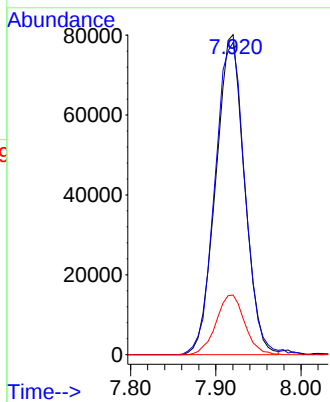
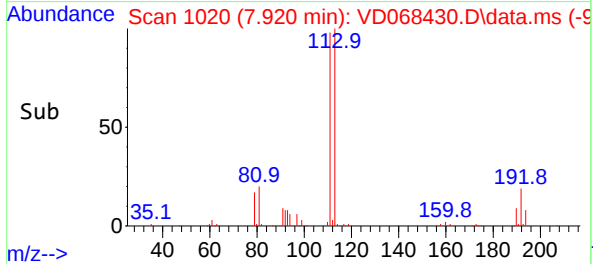




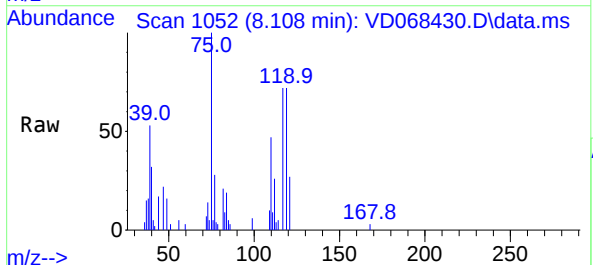
#35
Dibromofluoromethane
Concen: 53.52 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



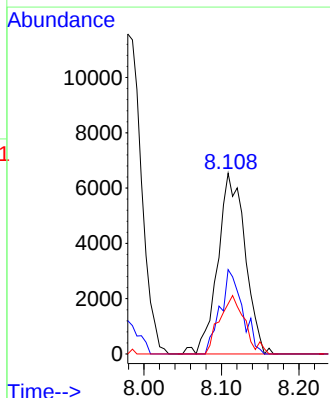
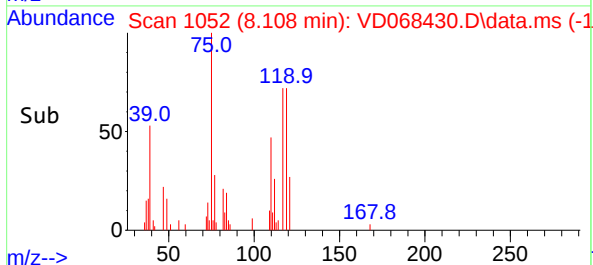
Tgt Ion: 113 Resp: 187148
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 18.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 3.08 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



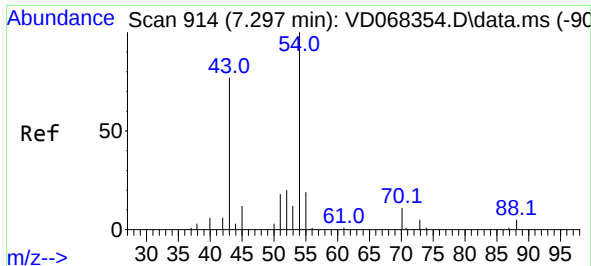
Tgt Ion: 75 Resp: 16046
Ion Ratio Lower Upper
75 100
110 37.8 19.4 58.2
77 29.8 25.3 37.9



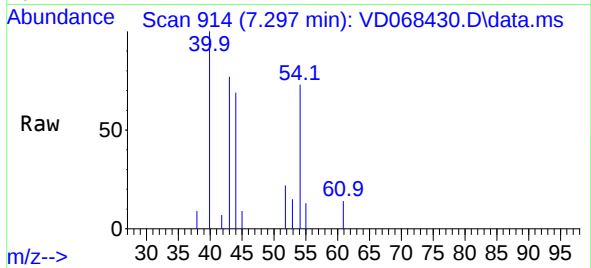
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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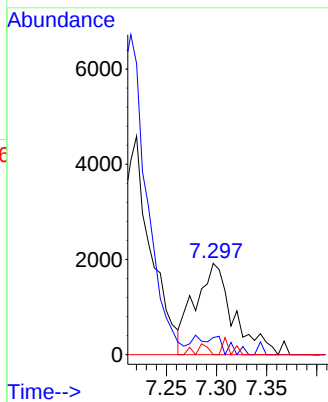
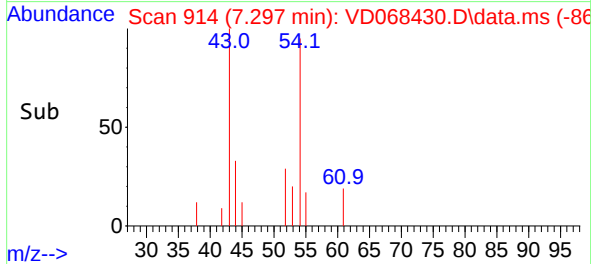
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#37
Ethyl Acetate
Concen: 2.90 ug/l
RT: 7.297 min Scan# 914
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



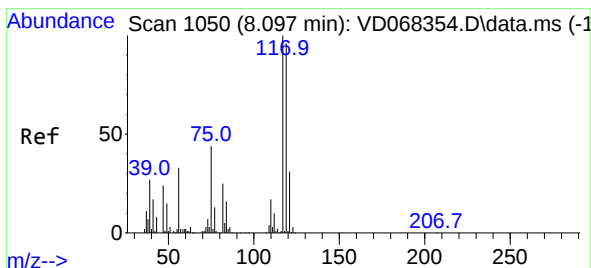
Tgt Ion: 43 Resp: 5099
Ion Ratio Lower Upper
43 100
61 0.0 12.9 19.3#
70 3.8 11.0 16.6#



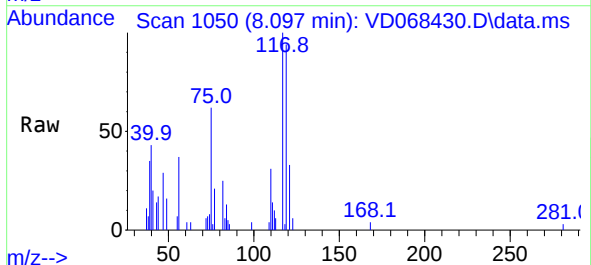
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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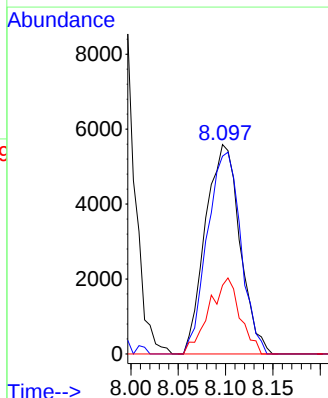
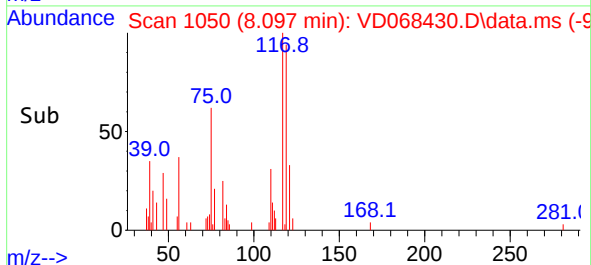
MMDadoda
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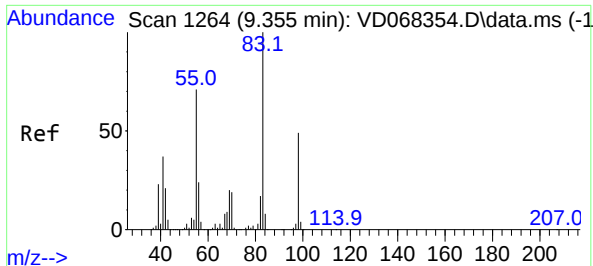


#38
Carbon Tetrachloride
Concen: 2.86 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



Tgt Ion: 117 Resp: 14219
Ion Ratio Lower Upper
117 100
119 94.4 77.3 115.9
121 32.8 24.7 37.1





#39

Methylcyclohexane

Concen: 3.09 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068430.D

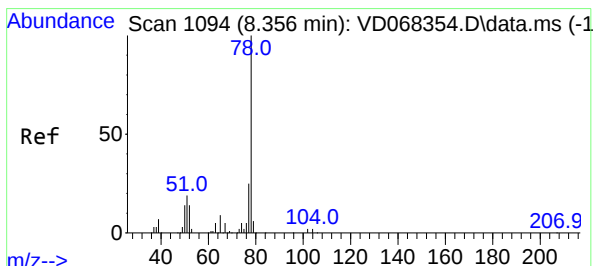
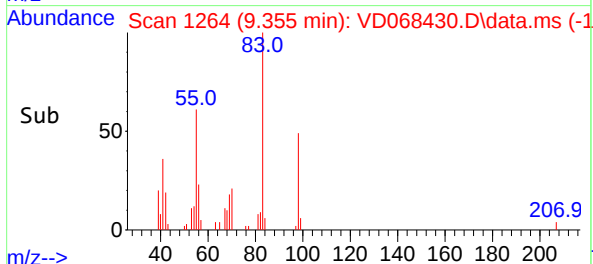
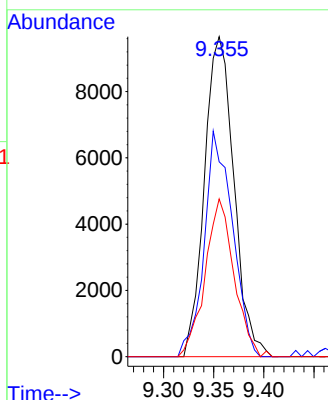
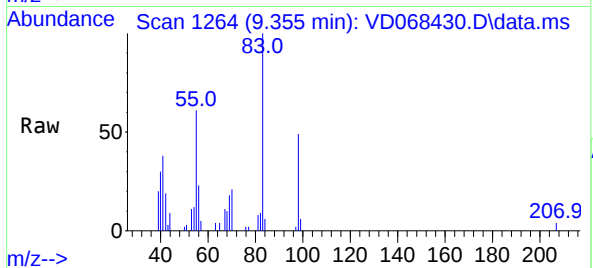
Acq: 24 Feb 2021 11:54

Tgt Ion:	83	Resp:	19727
Ion	Ratio	Lower	Upper
83	100		
55	60.9	55.2	82.8
98	49.3	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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#40

Benzene

Concen: 3.09 ug/l

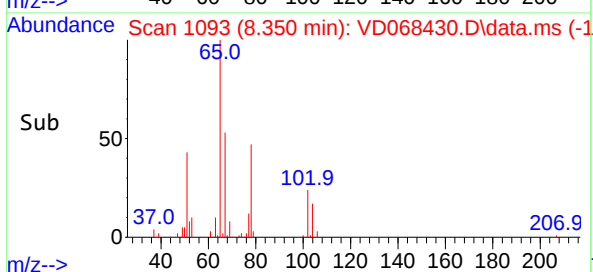
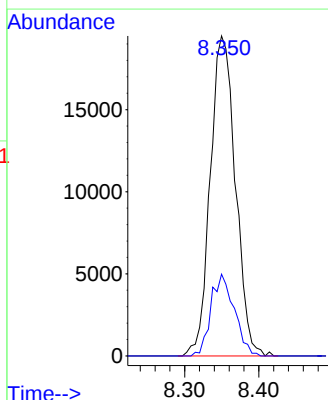
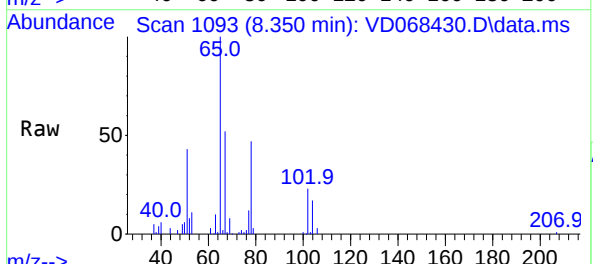
RT: 8.350 min Scan# 1093

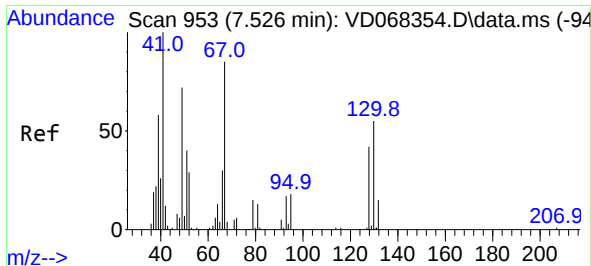
Delta R.T. -0.006 min

Lab File: VD068430.D

Acq: 24 Feb 2021 11:54

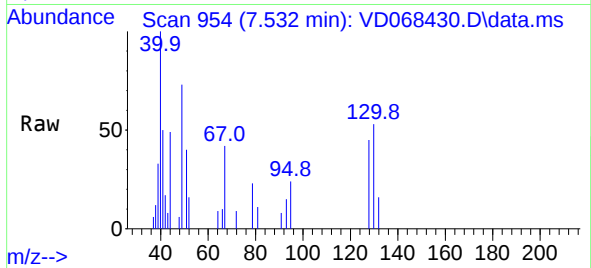
Tgt Ion:	78	Resp:	45973
Ion	Ratio	Lower	Upper
78	100		
77	25.5	17.8	26.6





#41
Methacrylonitrile
Concen: 2.93 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

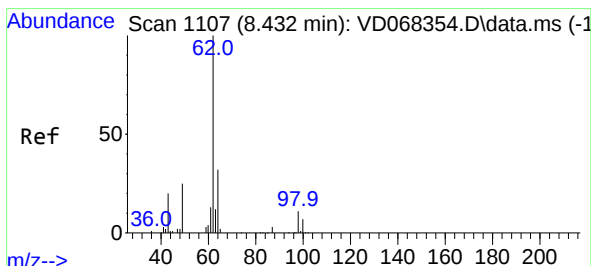
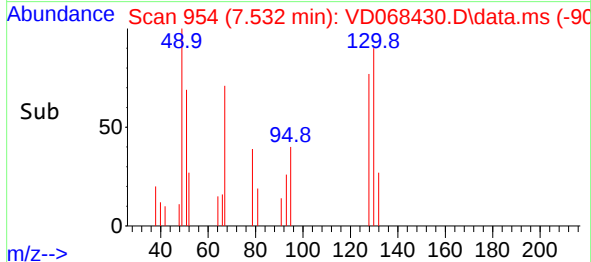
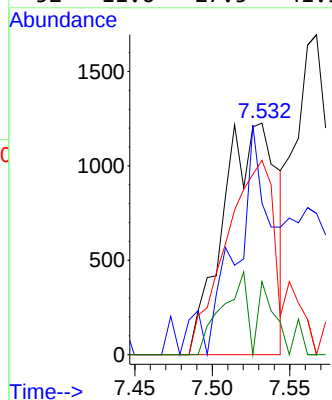
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 41 Resp: 2970
Ion Ratio Lower Upper
41 100
39 69.6 45.2 67.8#
67 85.9 67.4 101.2
52 11.6 27.5 41.3#

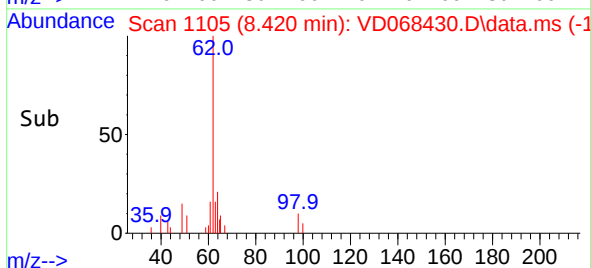
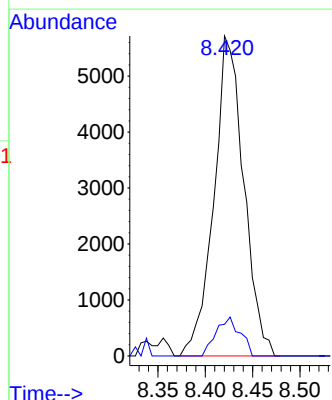
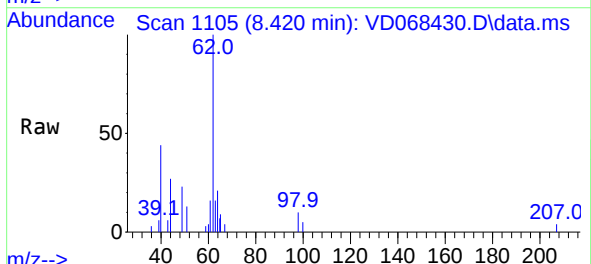
Manual Integrations
APPROVED

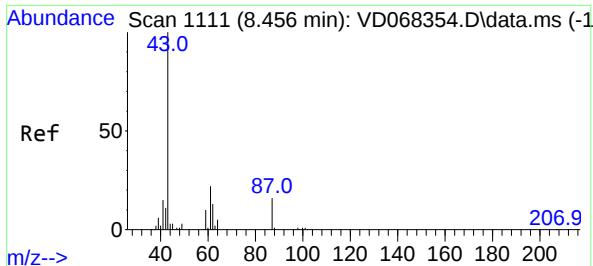
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#42
1,2-Dichloroethane
Concen: 3.16 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.012 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

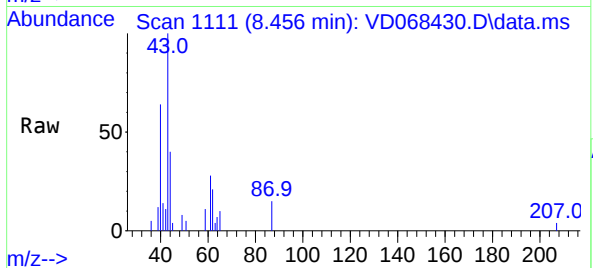
Tgt Ion: 62 Resp: 12518
Ion Ratio Lower Upper
62 100
98 9.8 0.0 21.8





#43
Isopropyl Acetate
Concen: 2.60 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

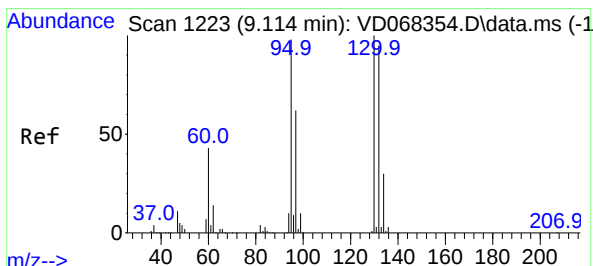
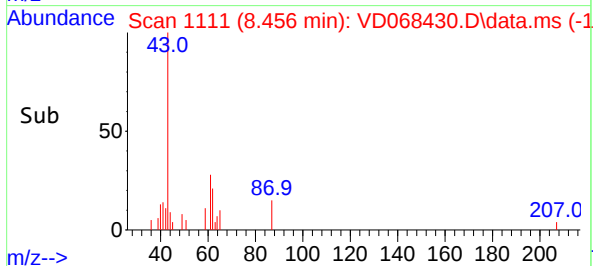
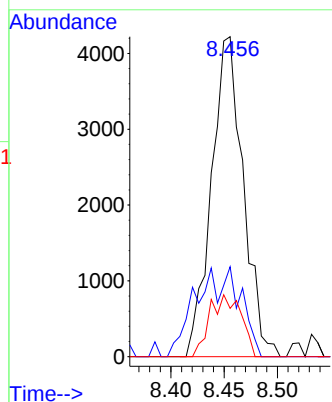
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 43 Resp: 8773
Ion Ratio Lower Upper
43 100
61 21.3 28.7 43.1#
87 19.0 13.9 20.9

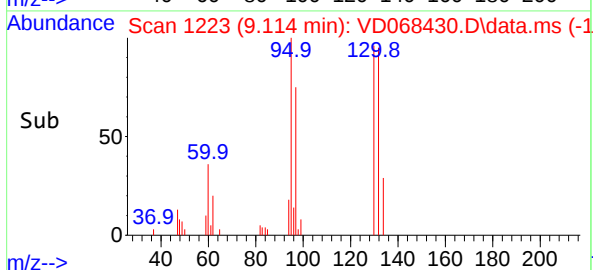
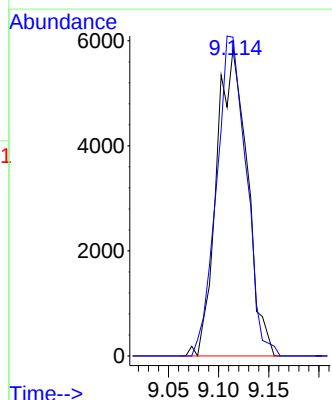
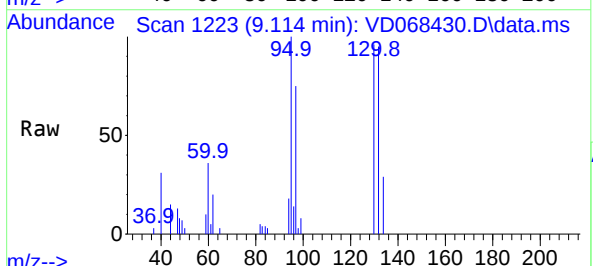
Manual Integrations
APPROVED

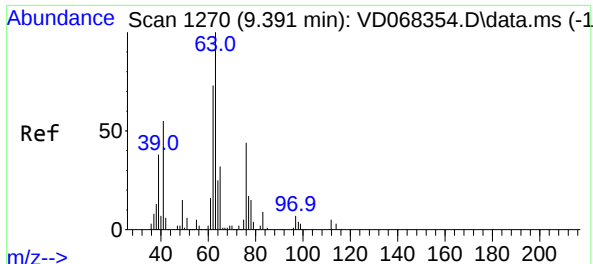
MMDadoda
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#44
Trichloroethene
Concen: 3.07 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 130 Resp: 12419
Ion Ratio Lower Upper
130 100
95 104.0 0.0 191.2





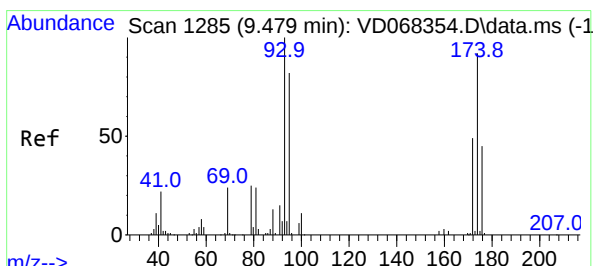
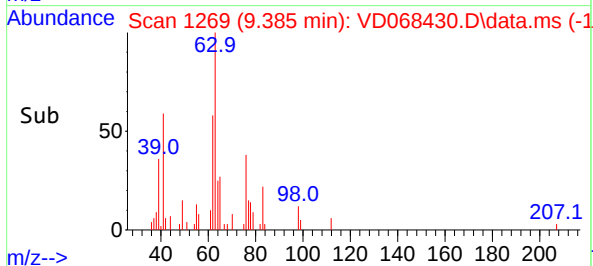
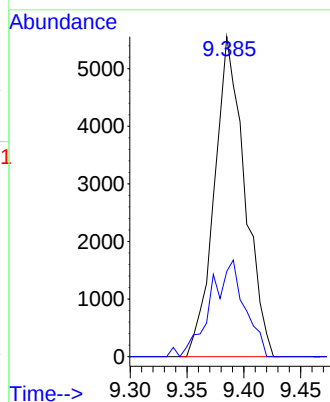
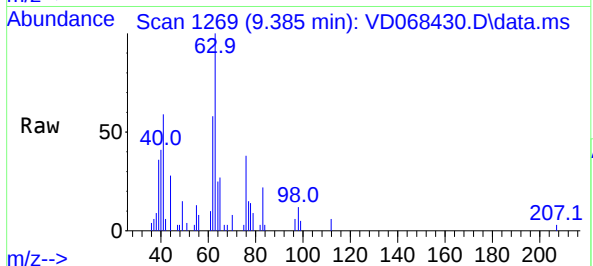
#45
1,2-Dichloropropane
Concen: 2.86 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 63 Resp: 10362
Ion Ratio Lower Upper
63 100
65 26.6 26.6 40.0#

Instrument :
MSVOA_D
ClientSampleId :
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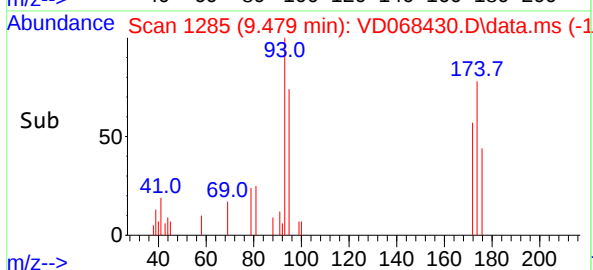
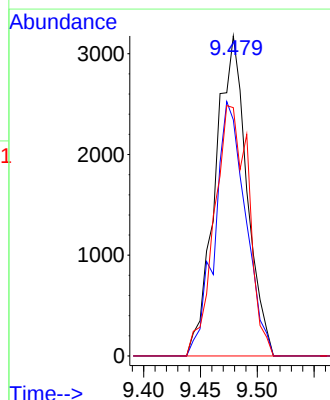
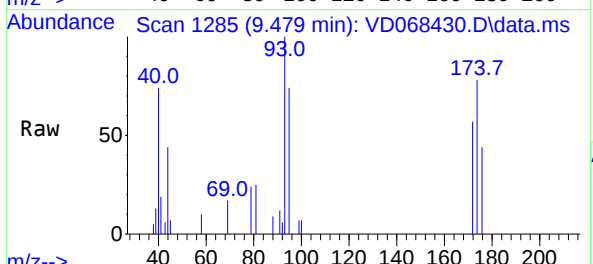
Manual Integrations
APPROVED

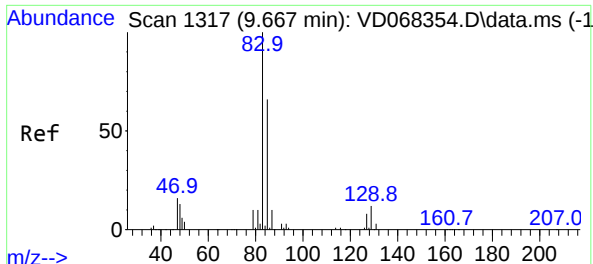
MMDadoda
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#46
Dibromomethane
Concen: 3.13 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 93 Resp: 6162
Ion Ratio Lower Upper
93 100
95 77.4 67.3 100.9
174 84.2 84.6 127.0#





#47

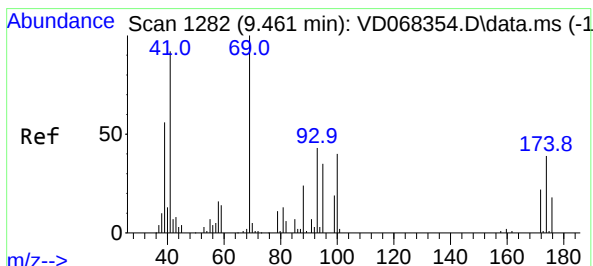
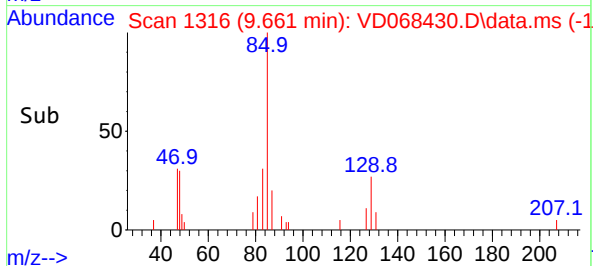
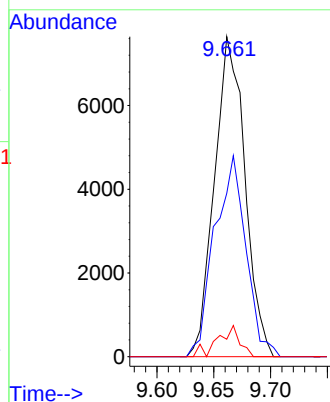
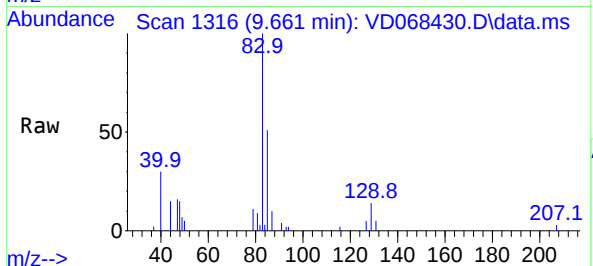
Bromodichloromethane
Concen: 2.79 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	51.1	51.6	77.4#
127	5.4	7.4	11.0#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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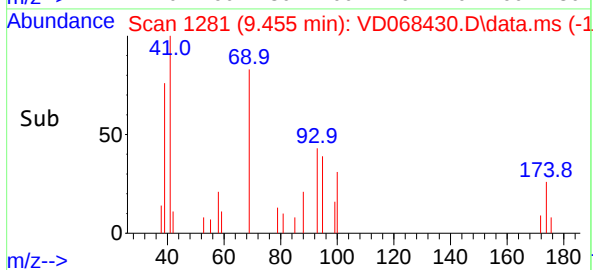
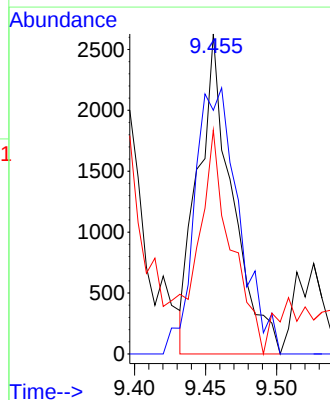
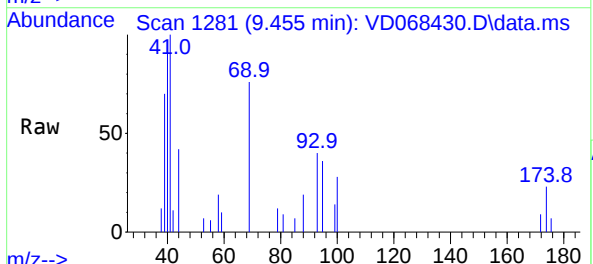
MMDadoda
2/25/2021 12:16:46 PM

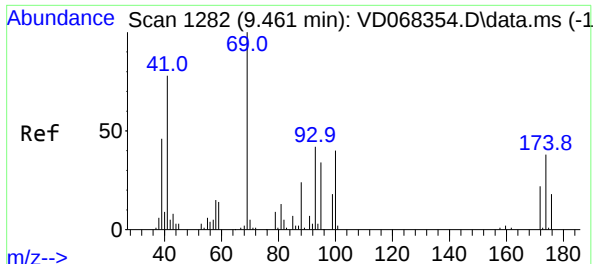


#48

Methyl methacrylate
Concen: 2.61 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion	Ratio	Lower	Upper
41	100		
69	108.0	77.1	115.7
39	67.8	41.5	62.3#





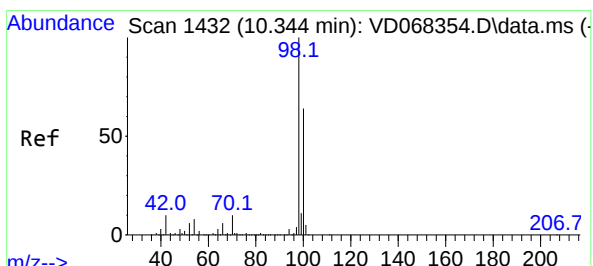
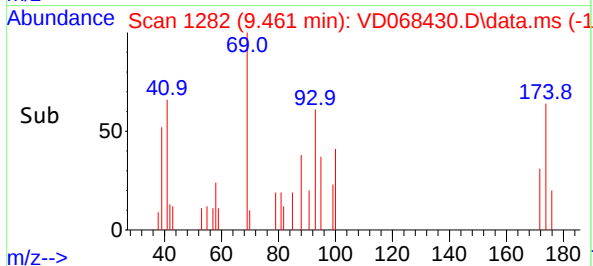
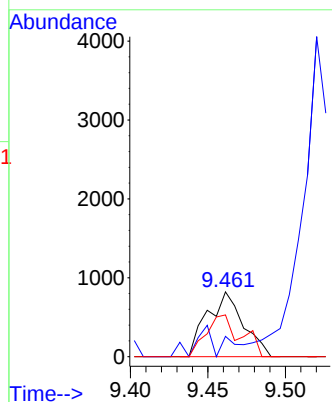
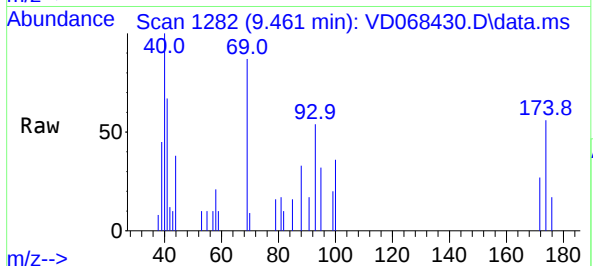
#49
1,4-Dioxane
Concen: 57.98 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 88 Resp: 1333
Ion Ratio Lower Upper
88 100
43 21.8 22.1 33.1#
58 61.2 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

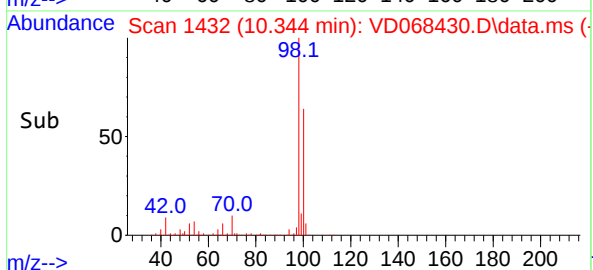
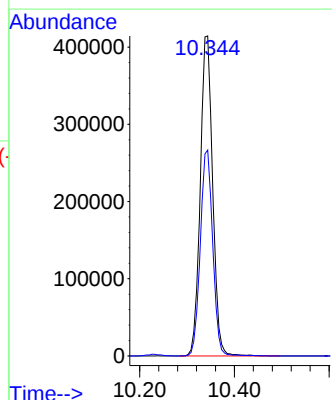
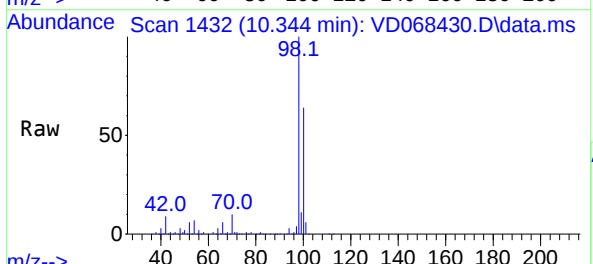
Manual Integrations
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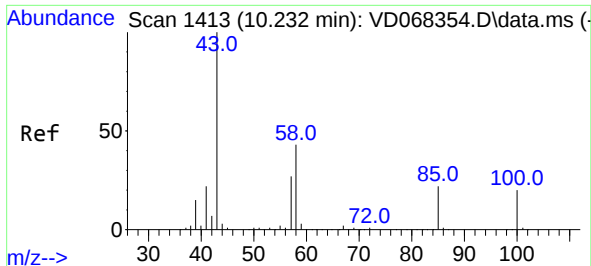
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#50
Toluene-d8
Concen: 51.78 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 98 Resp: 750486
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4





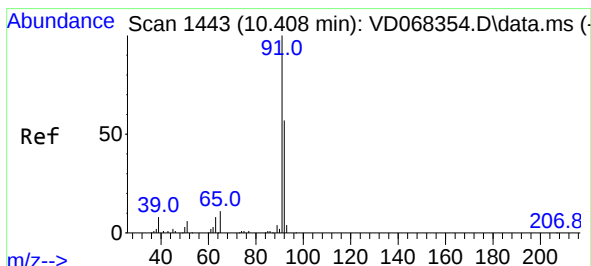
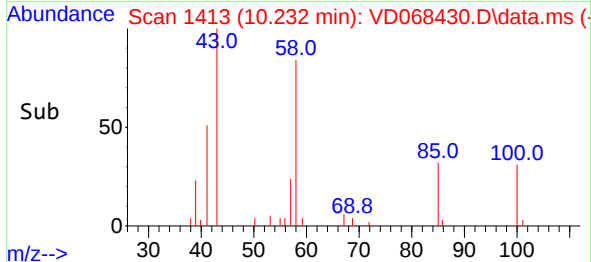
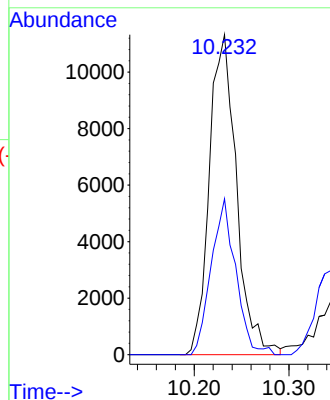
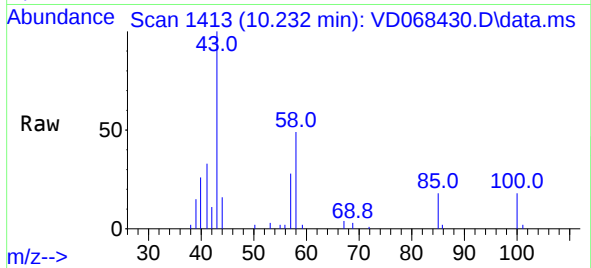
#51
4-Methyl-2-Pentanone
Concen: 13.01 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 43 Resp: 22542
Ion Ratio Lower Upper
43 100
58 44.3 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
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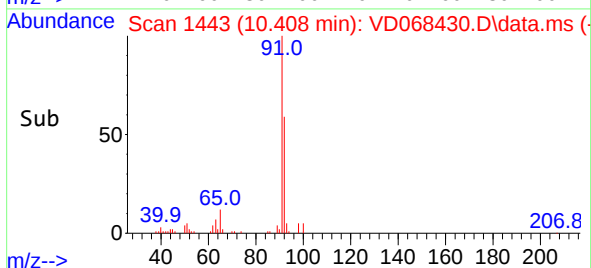
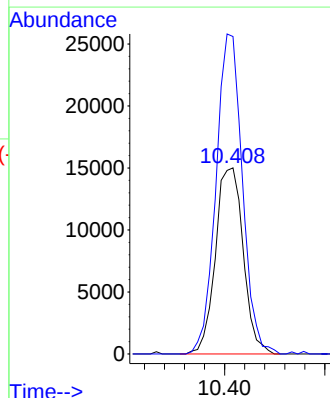
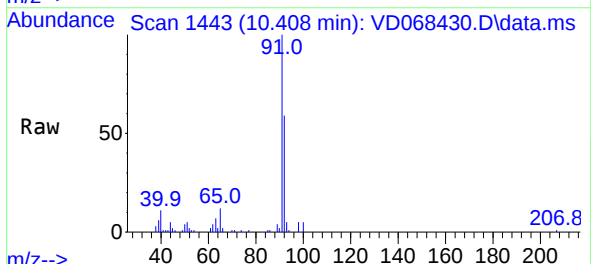
Manual Integrations
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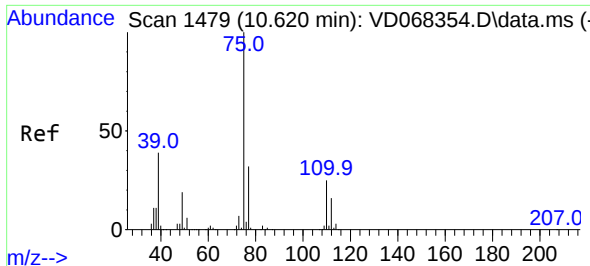
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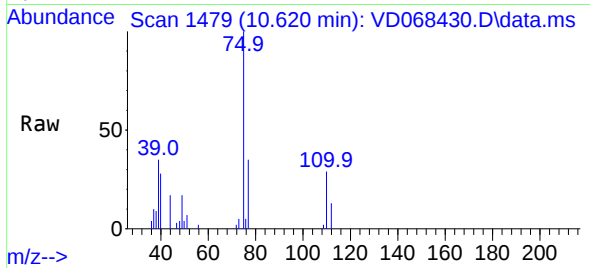
#52
Toluene
Concen: 3.01 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 92 Resp: 28787
Ion Ratio Lower Upper
92 100
91 163.7 134.1 201.1

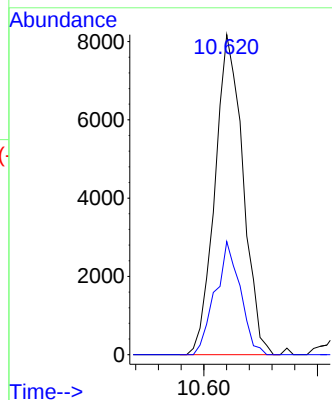




#53
t-1,3-Dichloropropene
Concen: 2.97 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



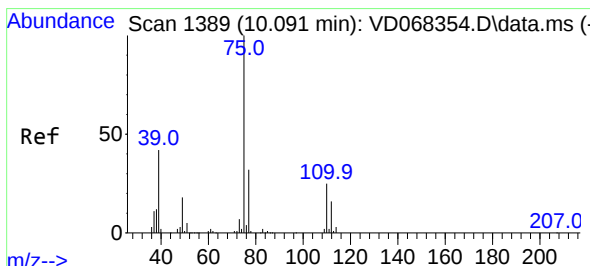
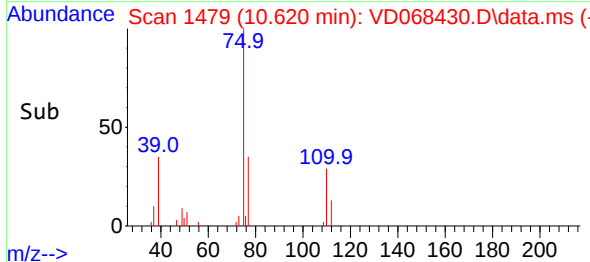
Tgt Ion: 75 Resp: 14030
Ion Ratio Lower Upper
75 100
77 35.4 25.0 37.4



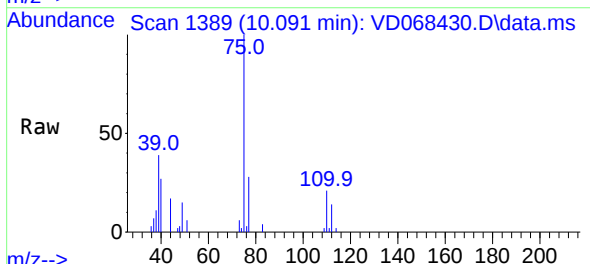
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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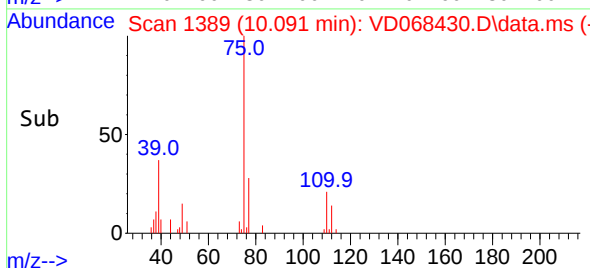
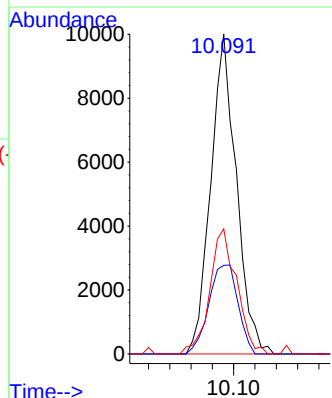
MMDadoda
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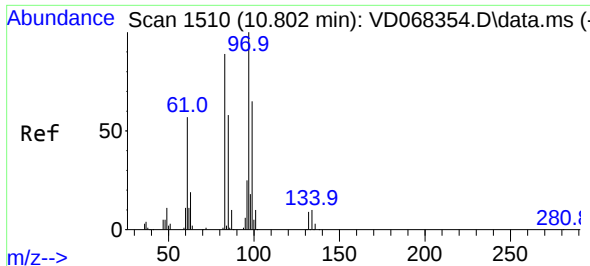


#54
cis-1,3-Dichloropropene
Concen: 2.89 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

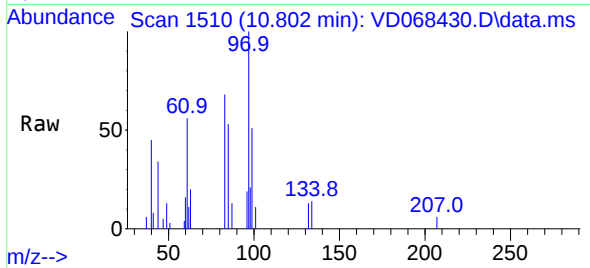


Tgt Ion: 75 Resp: 16690
Ion Ratio Lower Upper
75 100
77 27.7 24.6 37.0
39 39.1 31.4 47.0



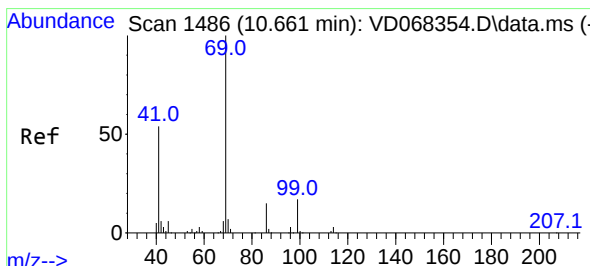
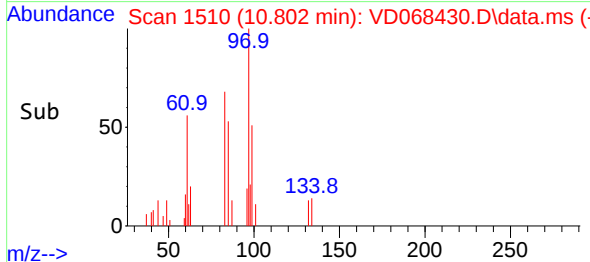
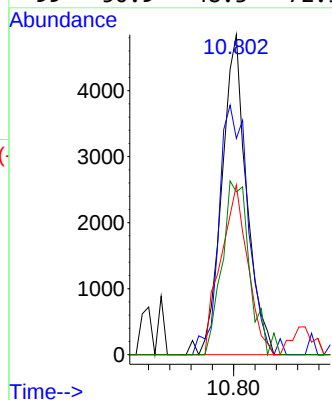


#55
1,1,2-Trichloroethane
Concen: 2.89 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

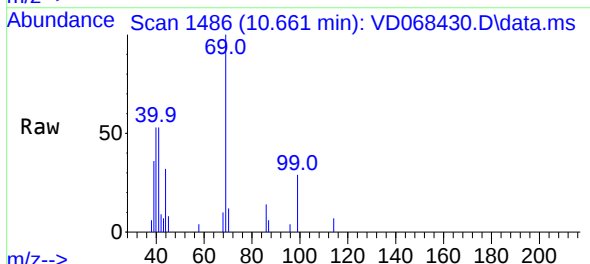


Tgt Ion: 97 Resp: 7855

Ion	Ratio	Lower	Upper
97	100		
83	67.6	61.8	92.6
85	53.0	42.2	63.2
99	50.9	48.3	72.5

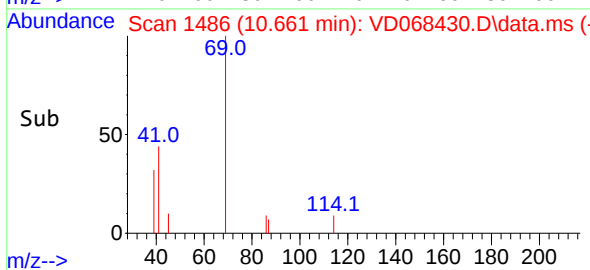
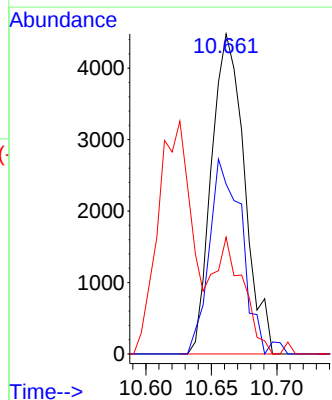


#56
Ethyl methacrylate
Concen: 2.42 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



Tgt Ion: 69 Resp: 7809

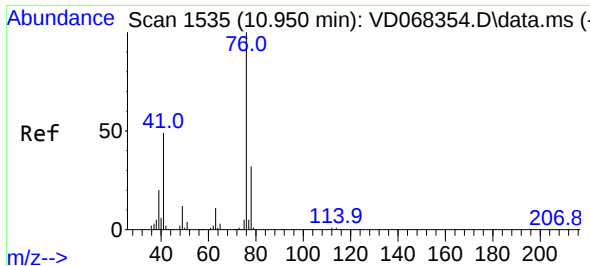
Ion	Ratio	Lower	Upper
69	100		
41	61.0	44.9	67.3
39	28.0	21.9	32.9



Instrument :
MSVOA_D
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LOD-MDL-SOIL-01-QT1-2021

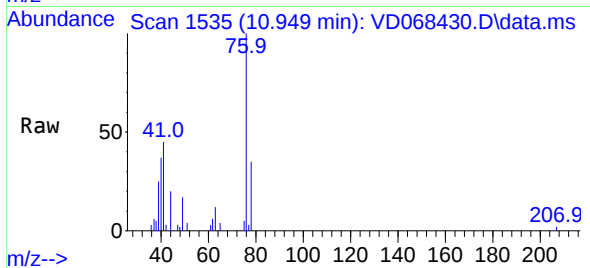
Manual Integrations
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#57
1,3-Dichloropropane
Concen: 2.75 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

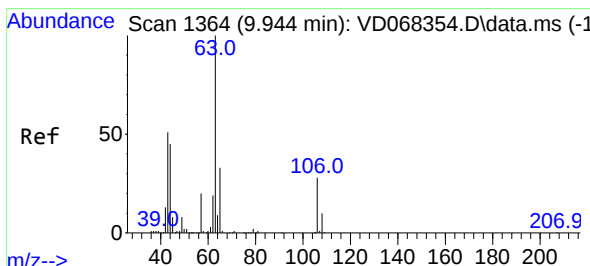
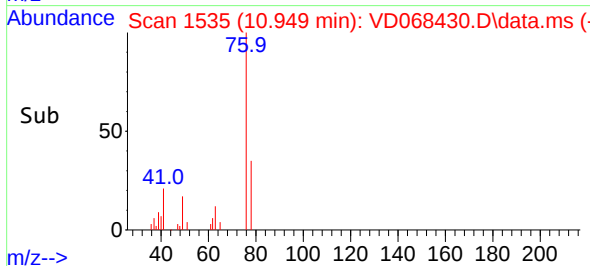
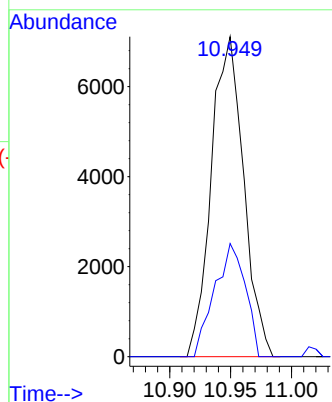
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 76 Resp: 13106
Ion Ratio Lower Upper
76 100
78 33.6 25.6 38.4

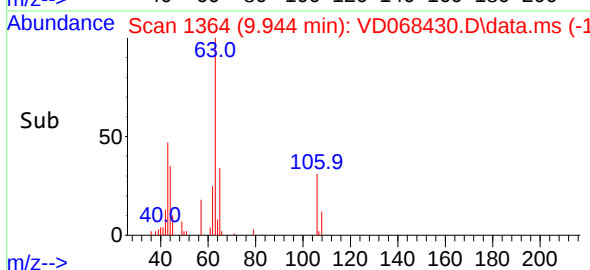
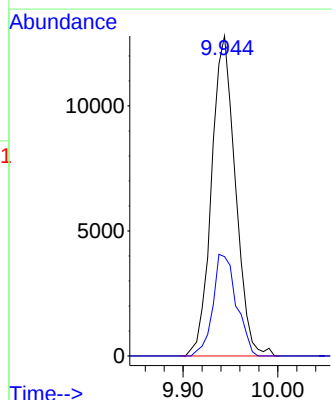
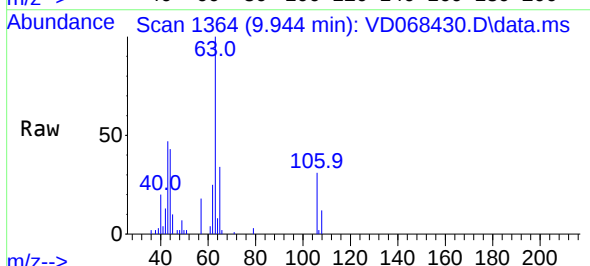
Manual Integrations
APPROVED

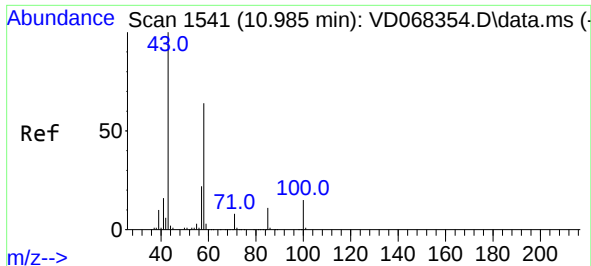
MMDadoda
2/25/2021 12:16:46 PM



#58
2-Chloroethyl Vinyl ether
Concen: 12.95 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 63 Resp: 22364
Ion Ratio Lower Upper
63 100
106 31.4 27.0 40.4





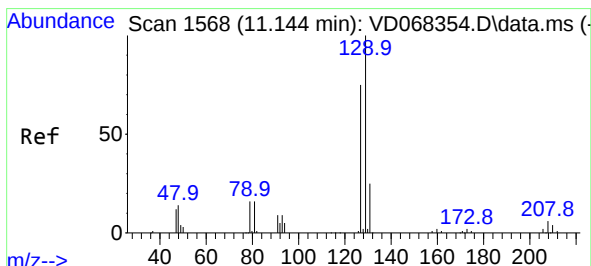
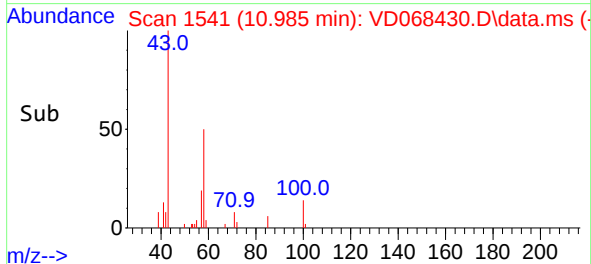
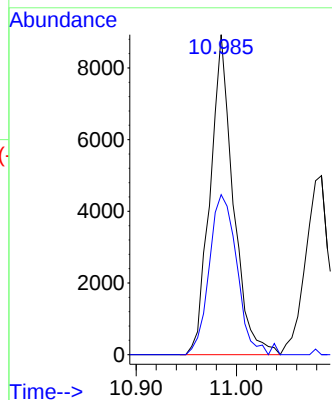
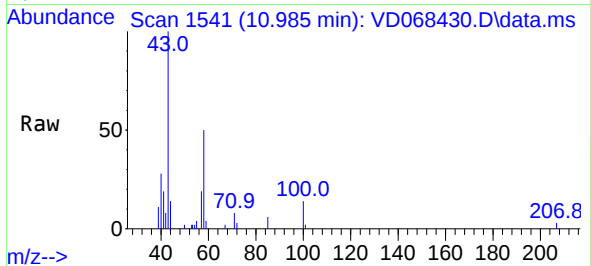
#59
2-Hexanone
Concen: 12.23 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 43 Resp: 14314
Ion Ratio Lower Upper
43 100
58 59.4 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

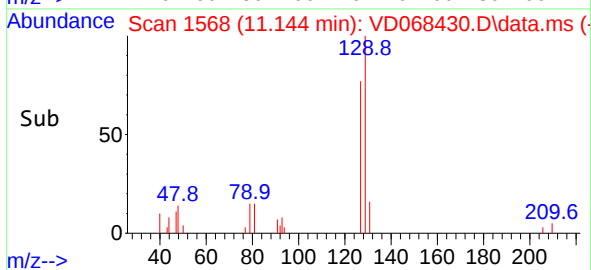
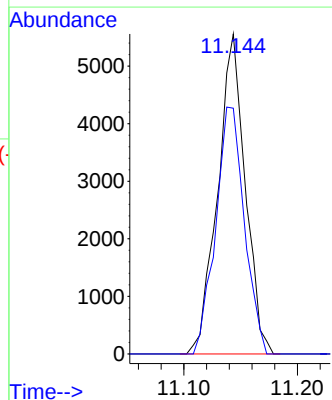
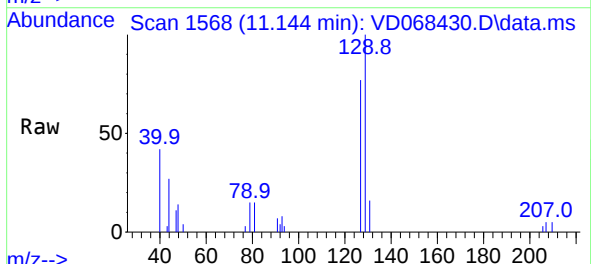
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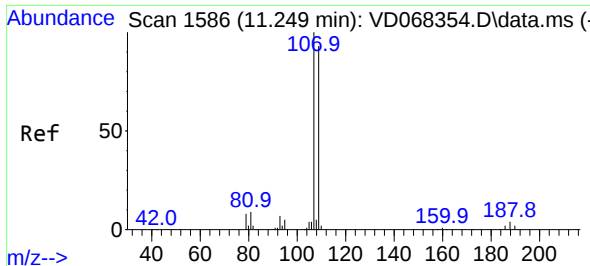
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#60
Dibromochloromethane
Concen: 2.77 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

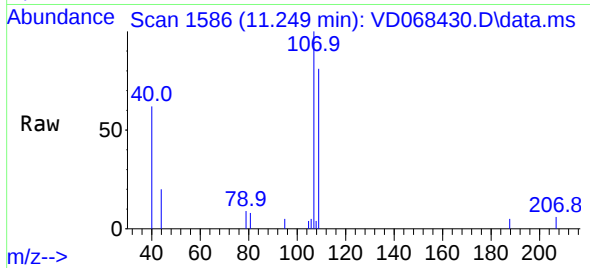
Tgt Ion: 129 Resp: 9360
Ion Ratio Lower Upper
129 100
127 80.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 2.88 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

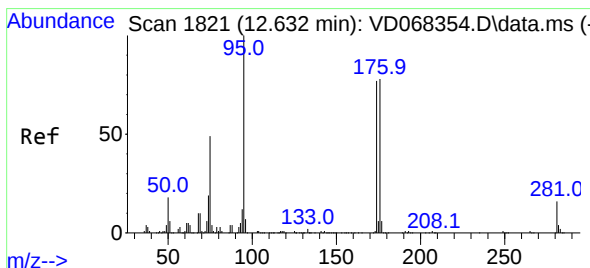
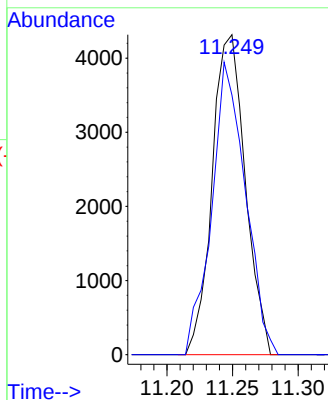
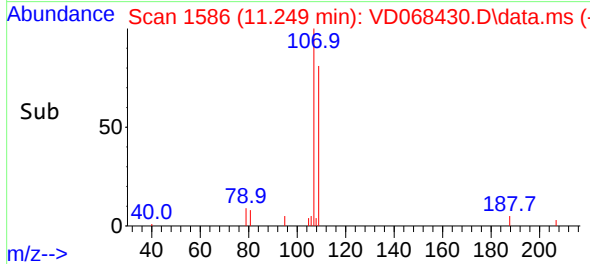
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



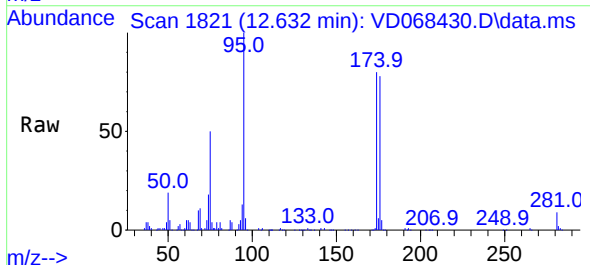
Tgt Ion:107 Resp: 7578
Ion Ratio Lower Upper
107 100
109 92.9 74.8 112.2

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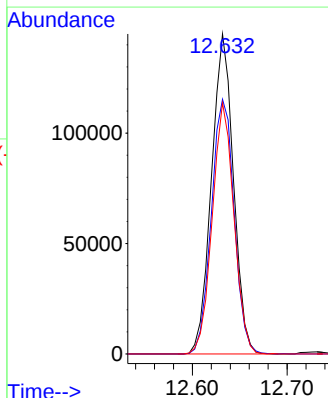
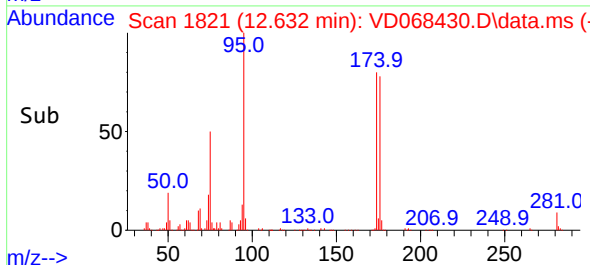
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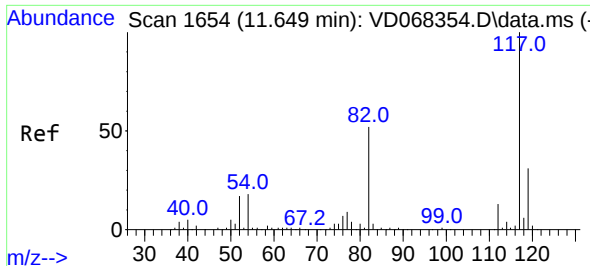


#62
4-Bromofluorobenzene
Concen: 49.37 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



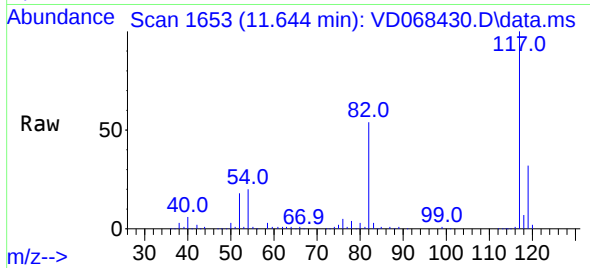
Tgt Ion: 95 Resp: 233066
Ion Ratio Lower Upper
95 100
174 82.8 0.0 172.4
176 77.6 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

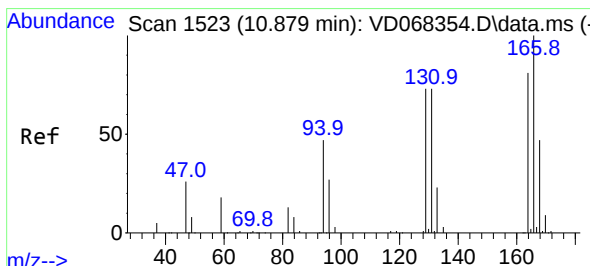
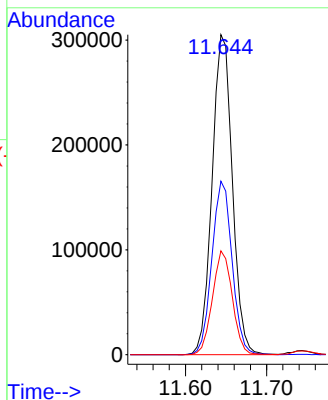
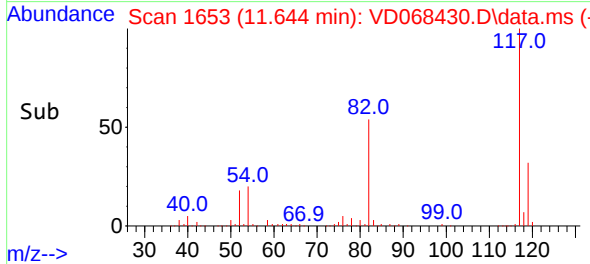
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



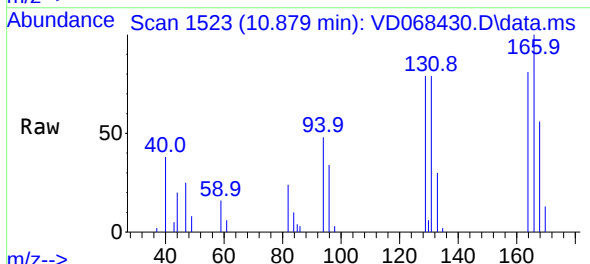
Tgt Ion:117 Resp: 529327
Ion Ratio Lower Upper
117 100
82 54.2 41.4 62.0
119 32.4 26.1 39.1

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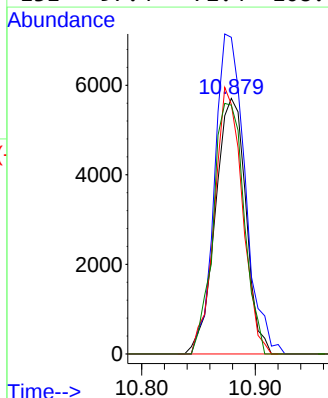
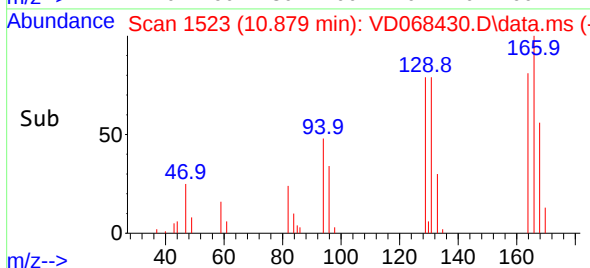
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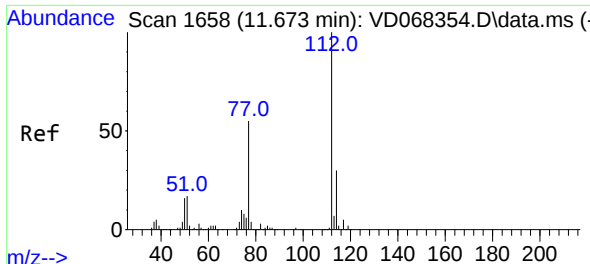


#64
Tetrachloroethene
Concen: 3.26 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



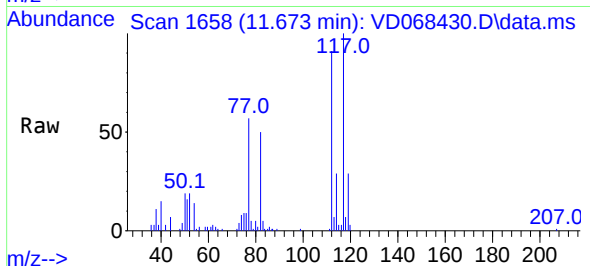
Tgt Ion:164 Resp: 10631
Ion Ratio Lower Upper
164 100
166 124.0 105.5 158.3
129 97.7 75.6 113.4
131 97.4 72.4 108.6





#65
Chlorobenzene
Concen: 2.94 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

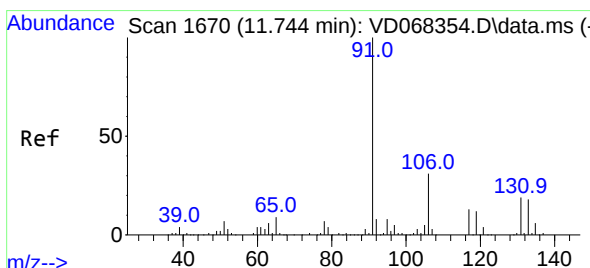
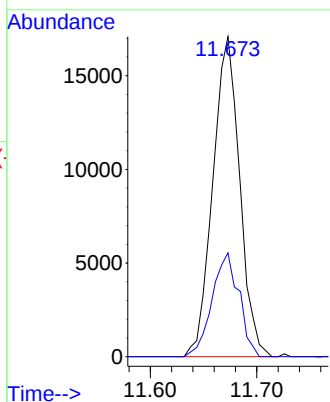
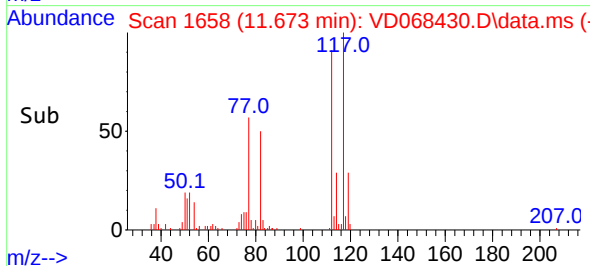
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



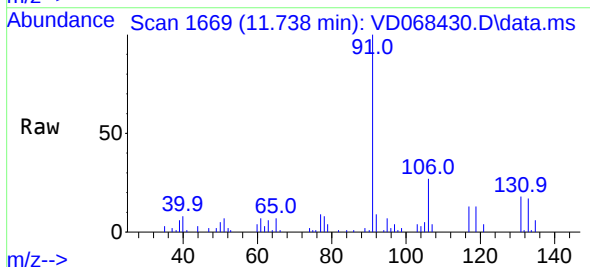
Tgt Ion:112 Resp: 29879
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5

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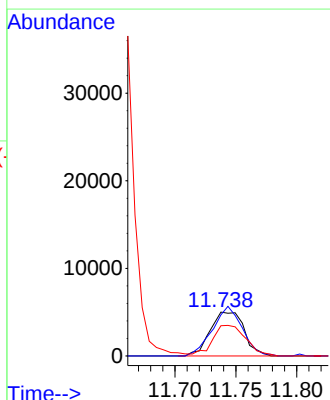
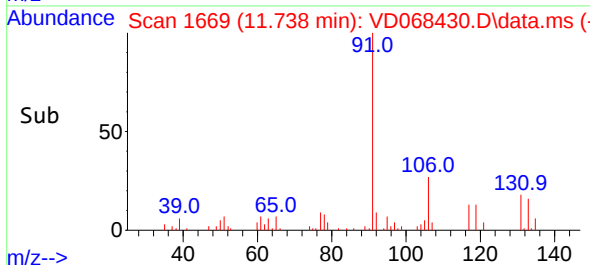
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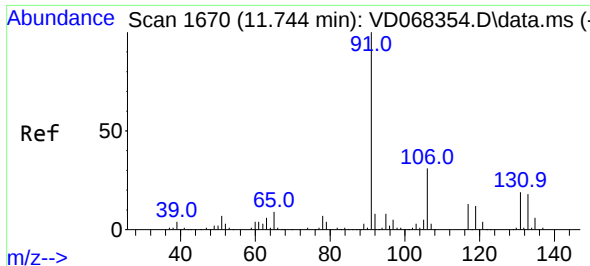


#66
1,1,1,2-Tetrachloroethane
Concen: 2.75 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



Tgt Ion:131 Resp: 9757
Ion Ratio Lower Upper
131 100
133 99.1 48.1 144.4
119 67.8 31.6 94.8





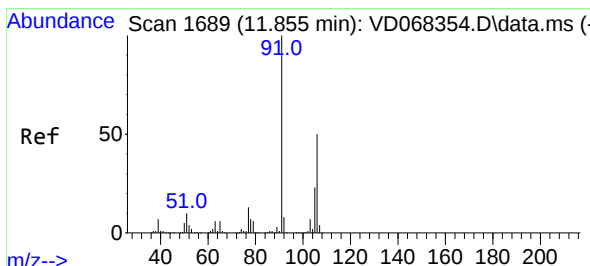
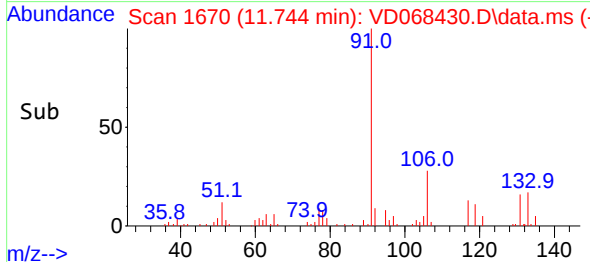
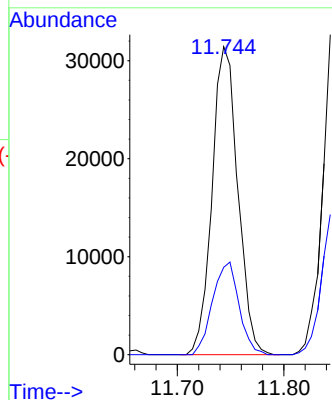
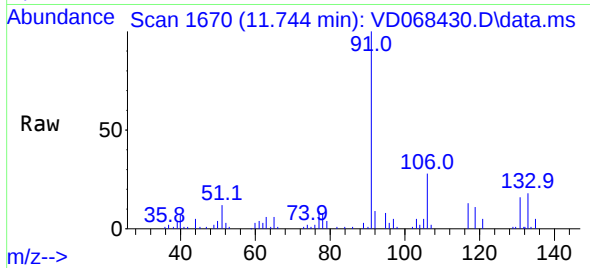
#67
Ethyl Benzene
Concen: 2.90 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 91 Resp: 52835
Ion Ratio Lower Upper
91 100
106 28.4 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
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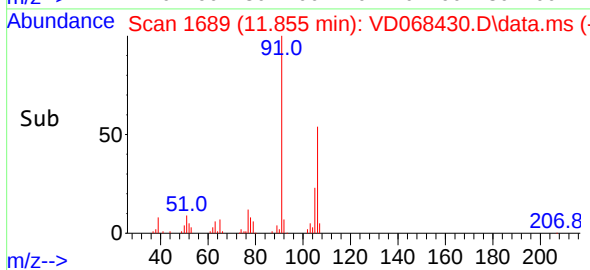
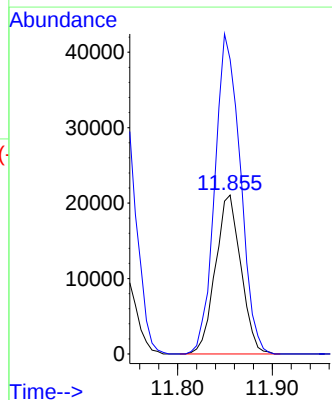
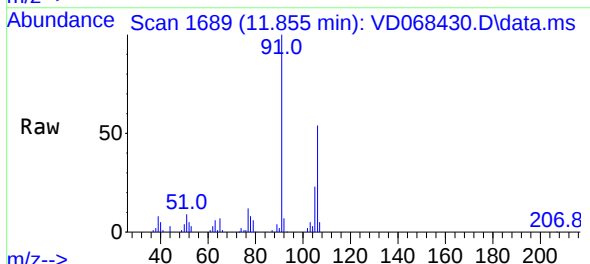
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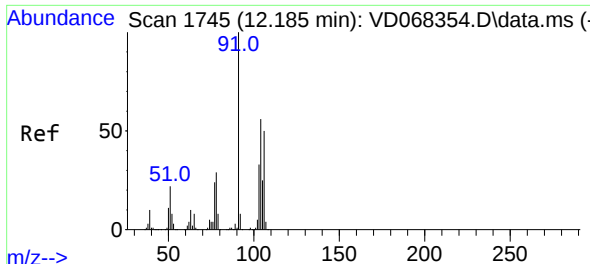
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#68
m/p-Xylenes
Concen: 5.71 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 106 Resp: 39366
Ion Ratio Lower Upper
106 100
91 201.5 159.1 238.7





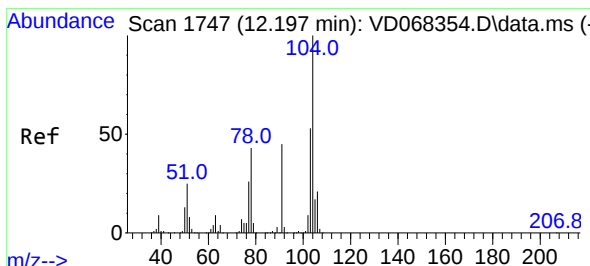
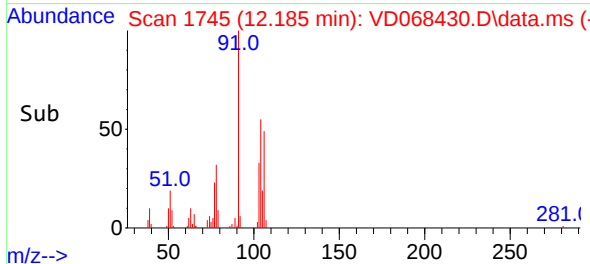
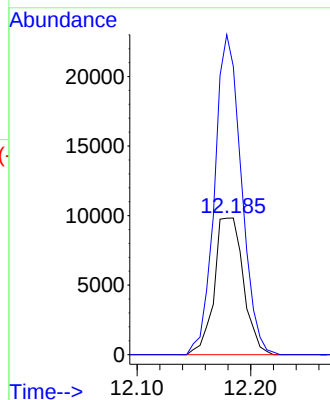
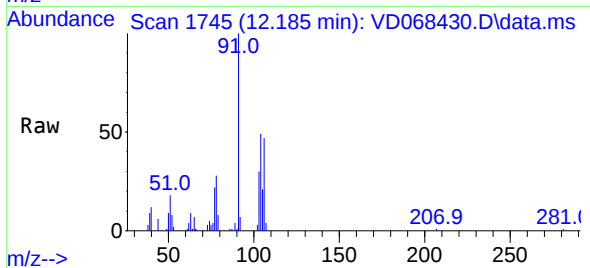
#69
o-Xylene
Concen: 2.76 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion:106 Resp: 17479
Ion Ratio Lower Upper
106 100
91 215.8 108.7 325.9

Instrument :
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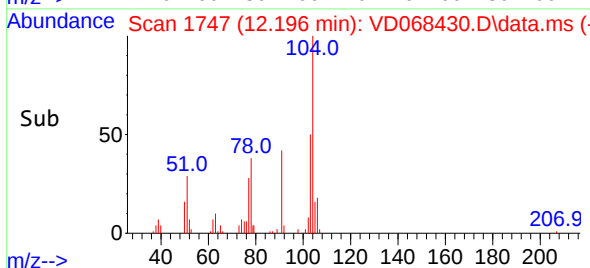
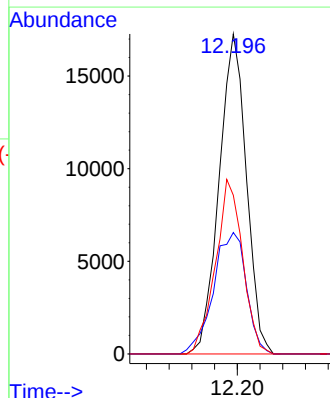
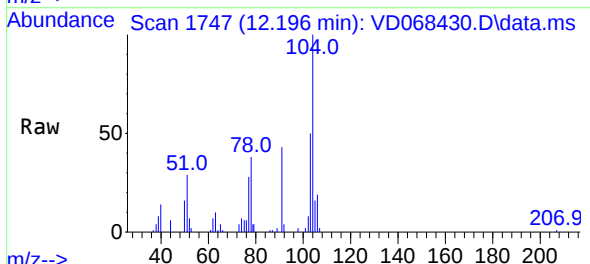
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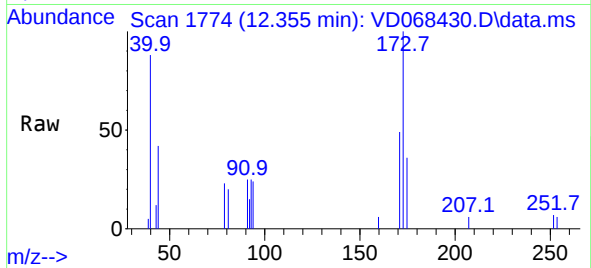
#70
Styrene
Concen: 2.62 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion:104 Resp: 28789
Ion Ratio Lower Upper
104 100
78 45.8 38.2 57.2
103 54.2 43.1 64.7

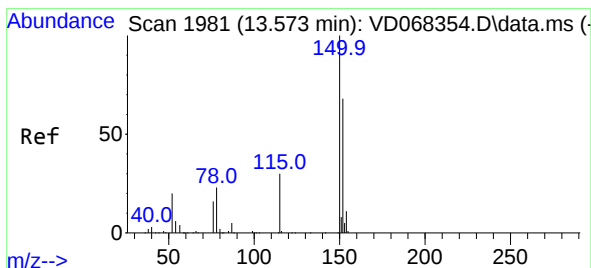
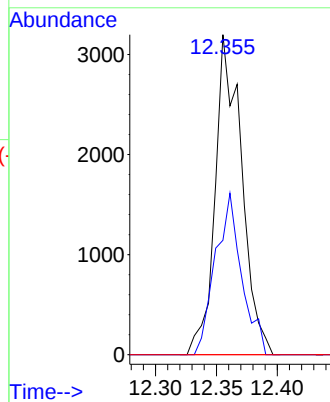
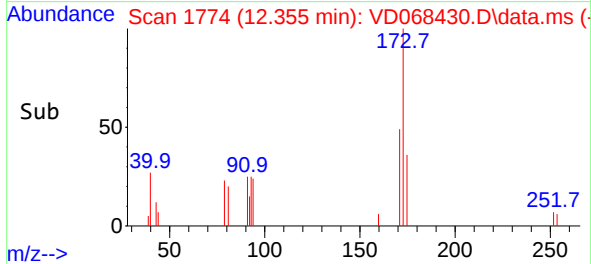




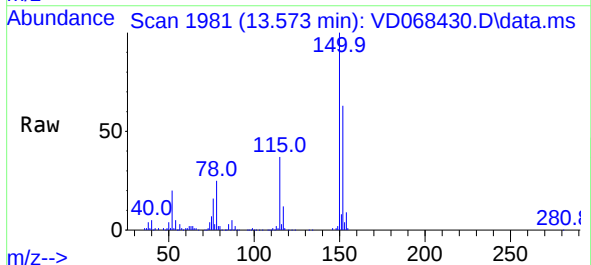
#71
Bromoform
Concen: 2.65 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



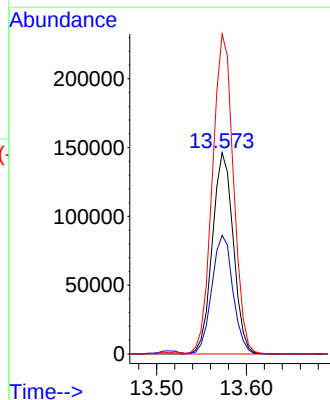
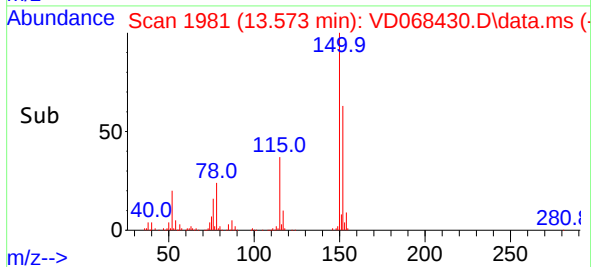
Tgt Ion:173 Resp: 4843
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



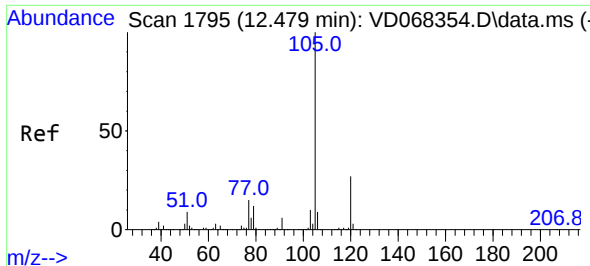
Tgt Ion:152 Resp: 236807
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.8
150 159.9 0.0 344.4



Instrument :
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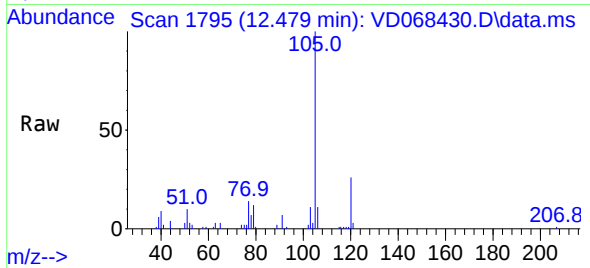
Manual Integrations
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#73
Isopropylbenzene
Concen: 2.74 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

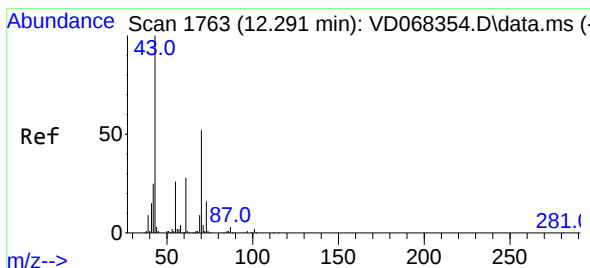
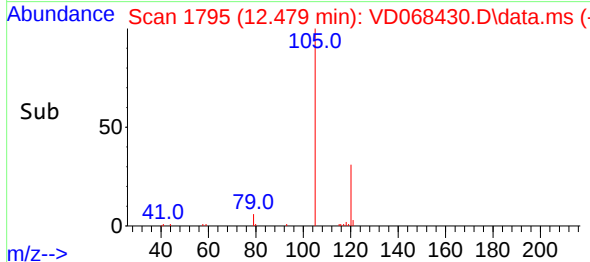
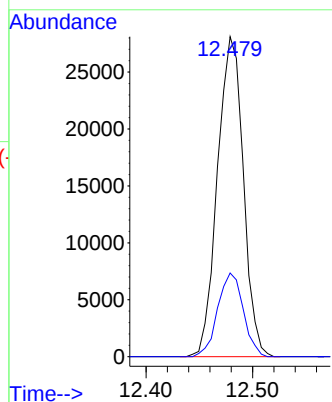
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



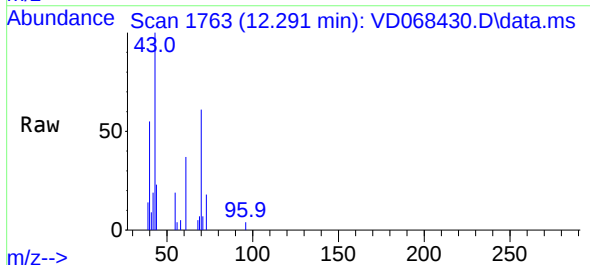
Tgt Ion:105 Resp: 47372
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6

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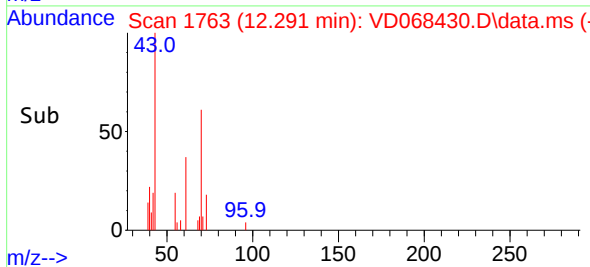
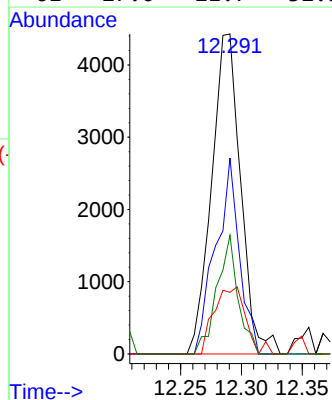
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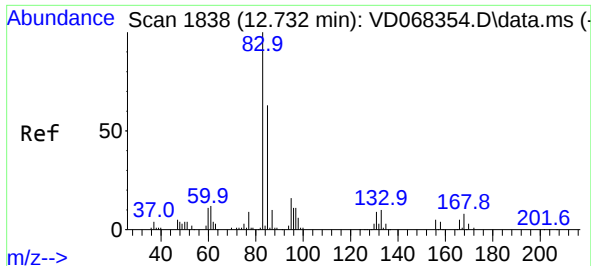


#74
N-ethyl acetate
Concen: 2.42 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



Tgt Ion: 43 Resp: 7386
Ion Ratio Lower Upper
43 100
70 49.8 41.8 62.8
55 22.6 24.2 36.4#
61 27.0 21.7 32.5





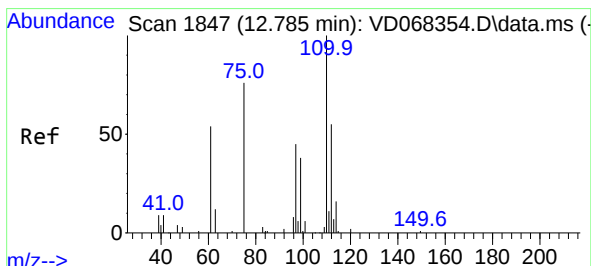
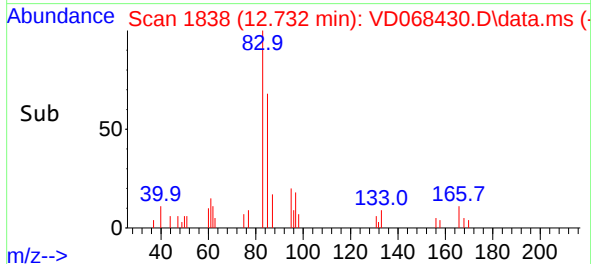
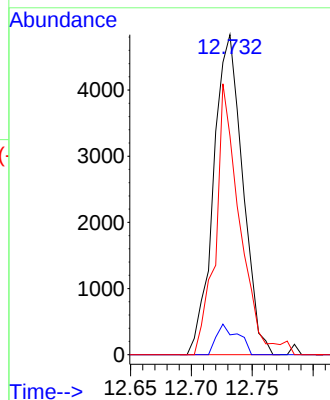
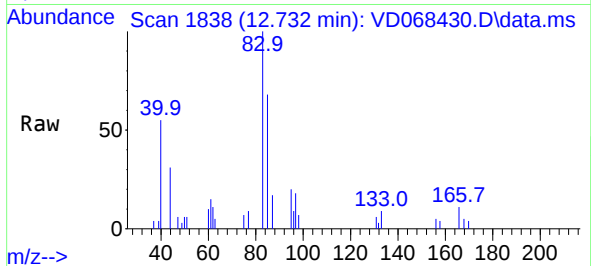
#75
1,1,2,2-Tetrachloroethane
Concen: 2.69 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 83 Resp: 8068
Ion Ratio Lower Upper
83 100
131 7.0 5.8 17.4
85 70.4 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

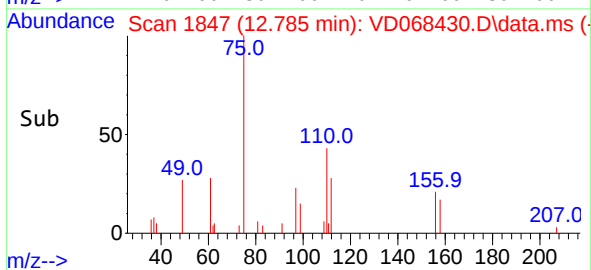
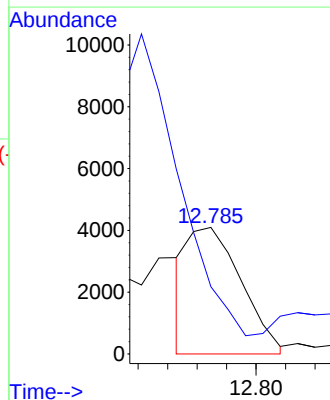
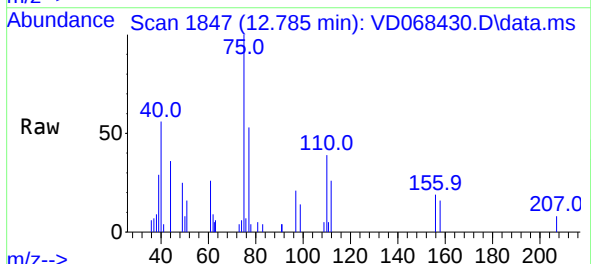
Manual Integrations
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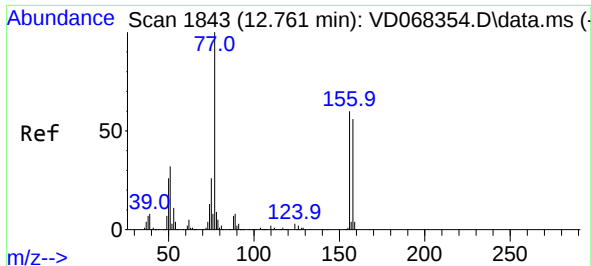
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#76
1,2,3-Trichloropropane
Concen: 2.29 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 75 Resp: 5150
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.82 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

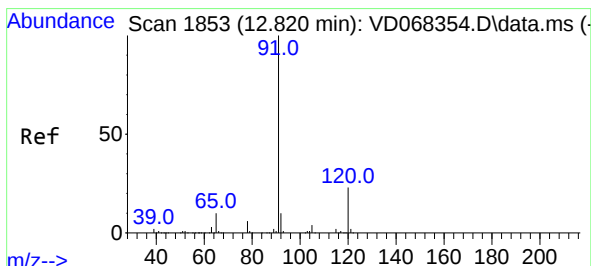
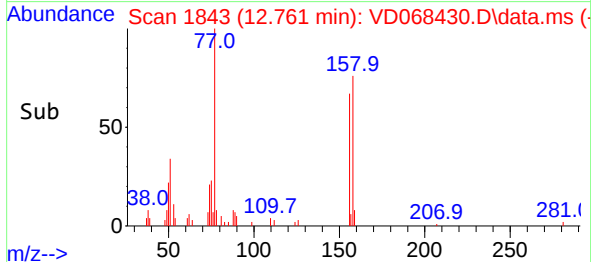
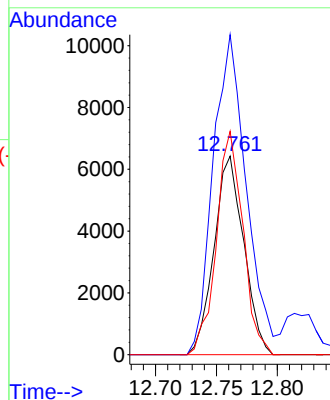
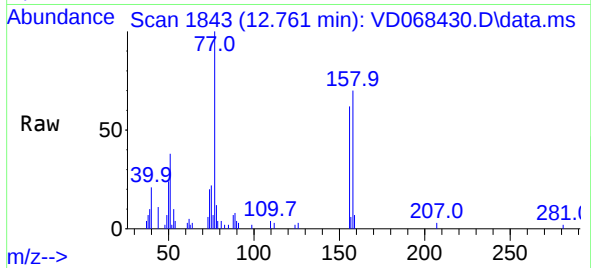
Tgt Ion: 156 Resp: 10904

Ion	Ratio	Lower	Upper
156	100		
77	179.1	82.8	248.3
158	100.8	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

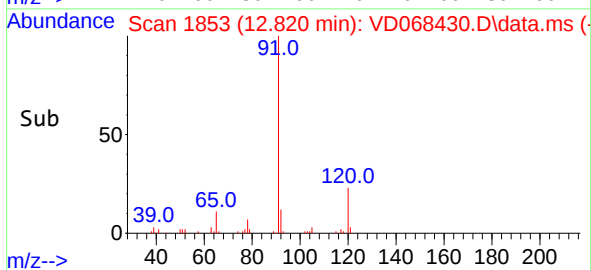
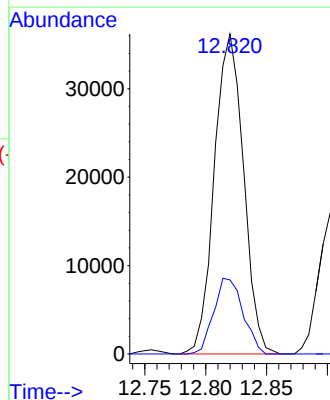
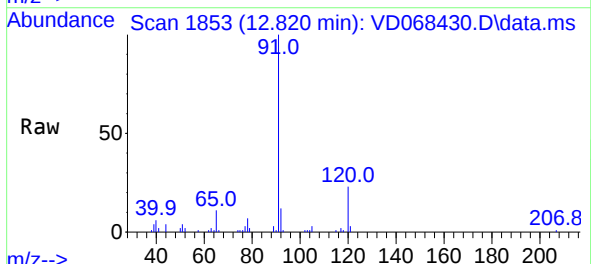
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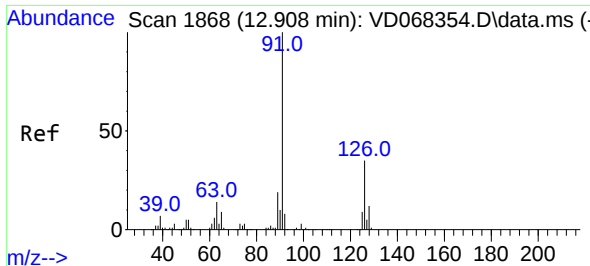


#78
n-propylbenzene
Concen: 2.92 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

Tgt Ion: 91 Resp: 60393

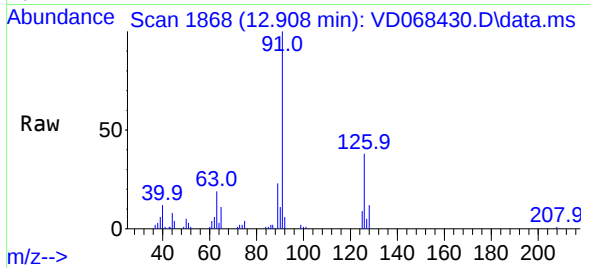
Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.0





#79
2-Chlorotoluene
Concen: 2.77 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

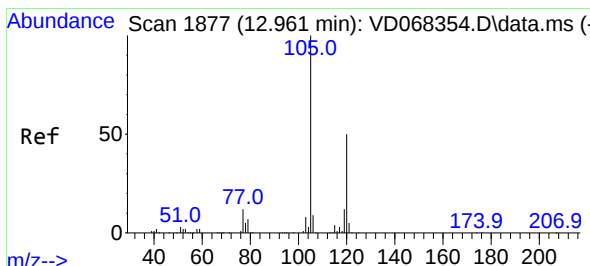
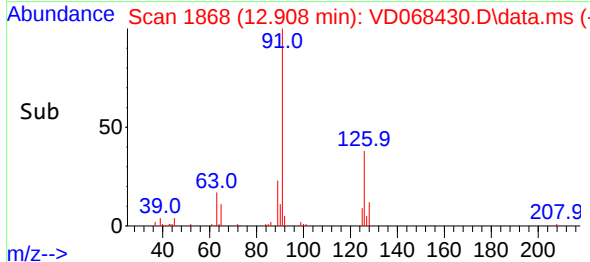
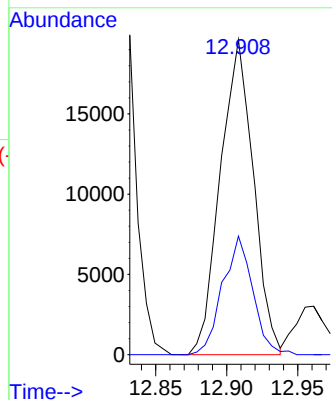
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



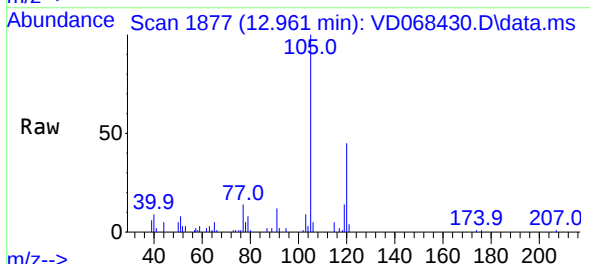
Tgt Ion: 91 Resp: 31794
Ion Ratio Lower Upper
91 100
126 34.4 17.8 53.5

Manual Integrations
APPROVED

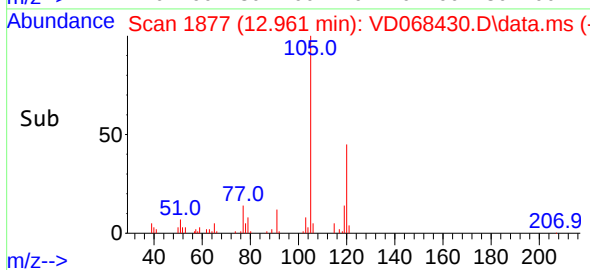
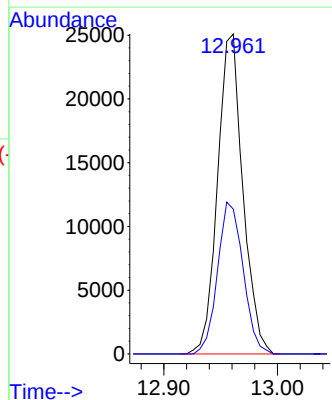
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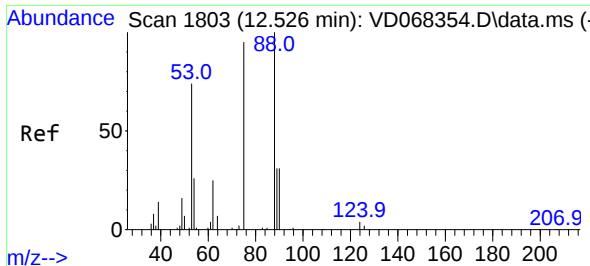


#80
1,3,5-Trimethylbenzene
Concen: 2.75 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



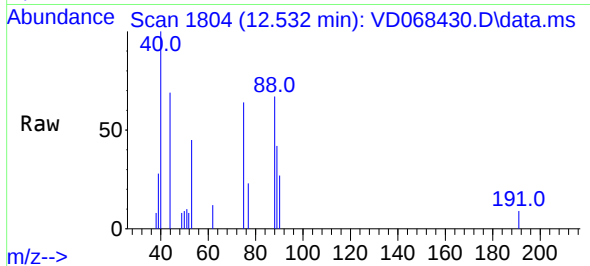
Tgt Ion: 105 Resp: 38875
Ion Ratio Lower Upper
105 100
120 47.9 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 2.73 ug/l m
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

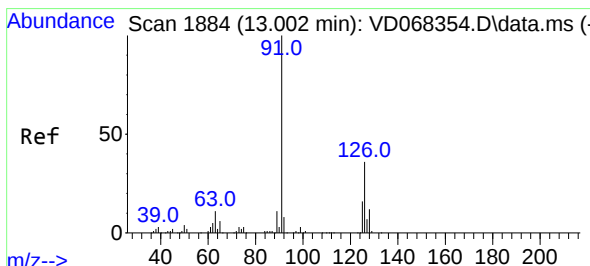
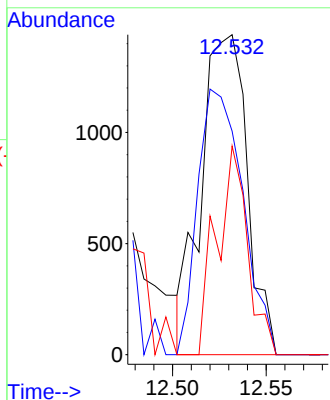
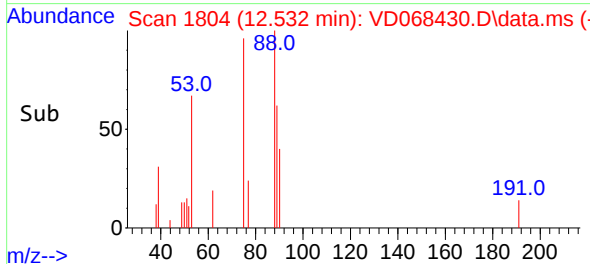
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



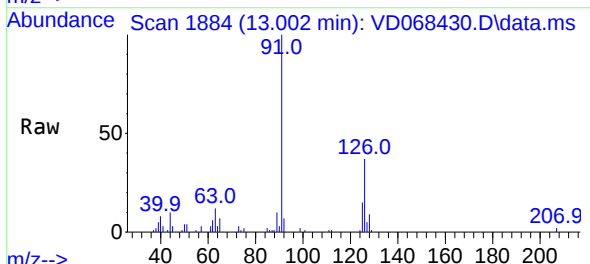
Tgt Ion: 75 Resp: 2458
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

Manual Integrations
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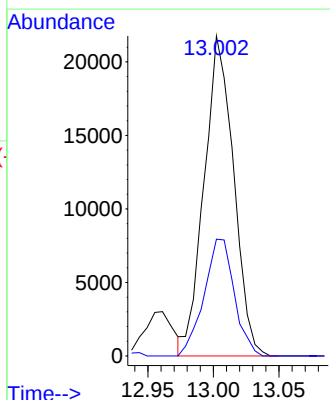
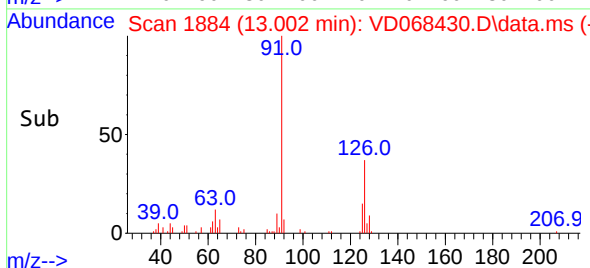
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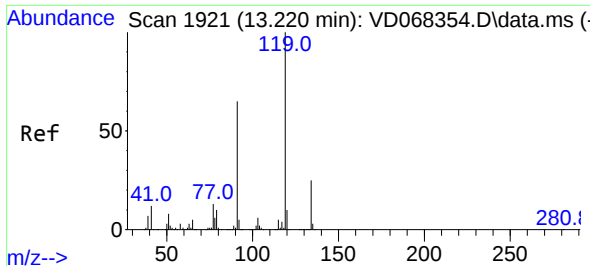


#82
4-Chlorotoluene
Concen: 2.81 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



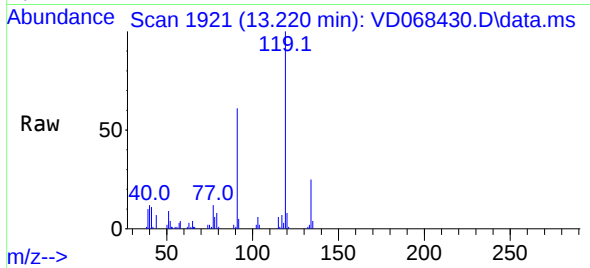
Tgt Ion: 91 Resp: 34020
Ion Ratio Lower Upper
91 100
126 37.4 17.7 53.1





#83
tert-Butylbenzene
Concen: 2.82 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

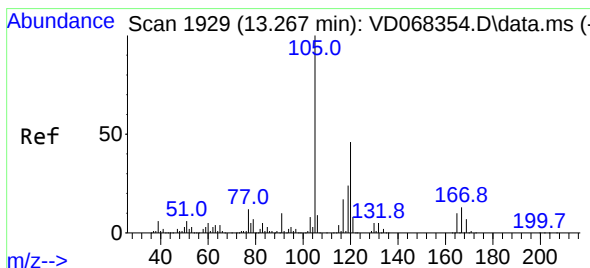
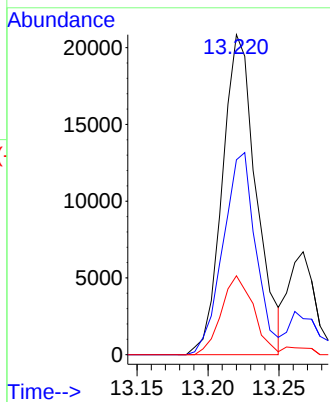
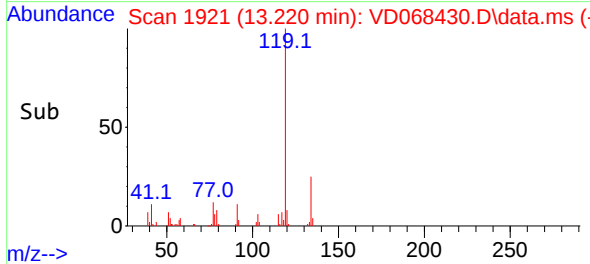
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



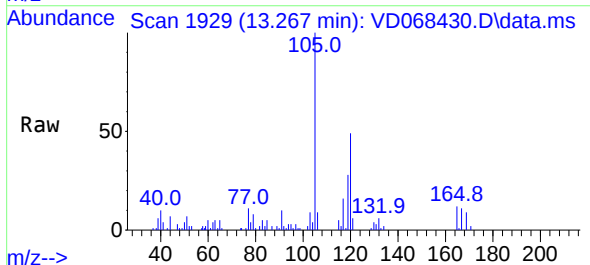
Tgt Ion:119 Resp: 34584
Ion Ratio Lower Upper
119 100
91 61.5 31.1 93.5
134 23.5 13.3 39.8

Manual Integrations
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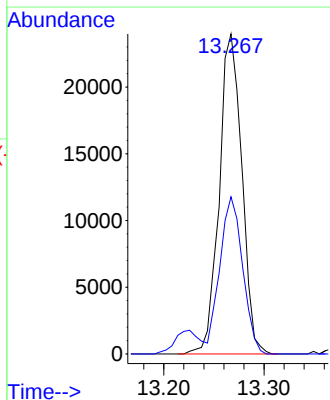
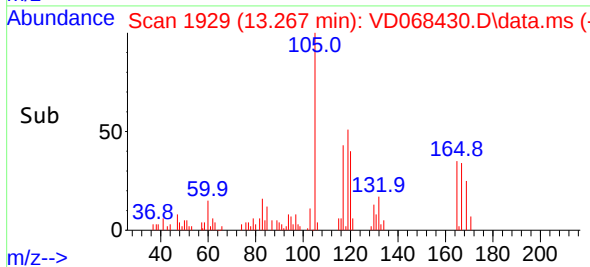
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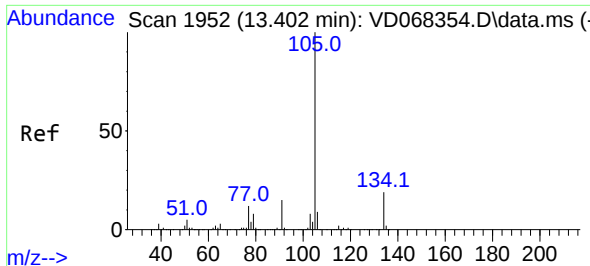


#84
1,2,4-Trimethylbenzene
Concen: 2.67 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



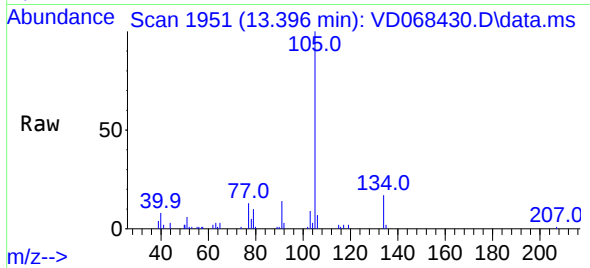
Tgt Ion:105 Resp: 37534
Ion Ratio Lower Upper
105 100
120 49.3 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 2.82 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. -0.006 min
 Lab File: VD068430.D
 Acq: 24 Feb 2021 11:54

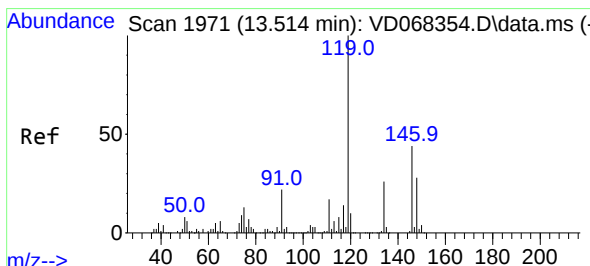
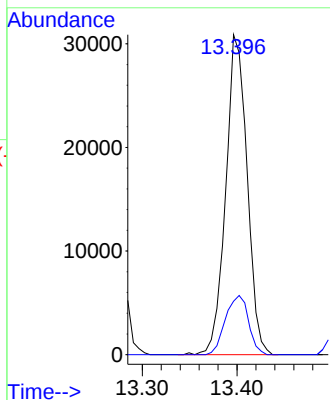
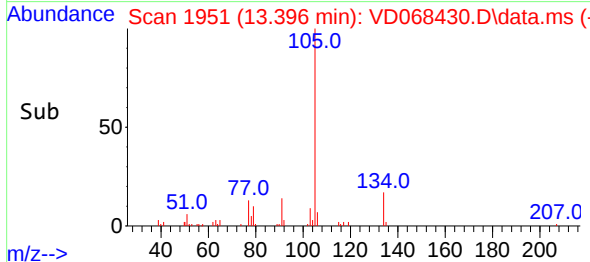
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



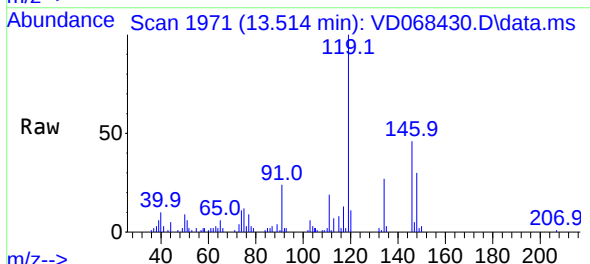
Tgt Ion:105 Resp: 48377
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.9

Manual Integrations
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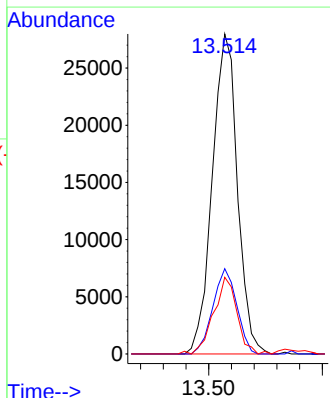
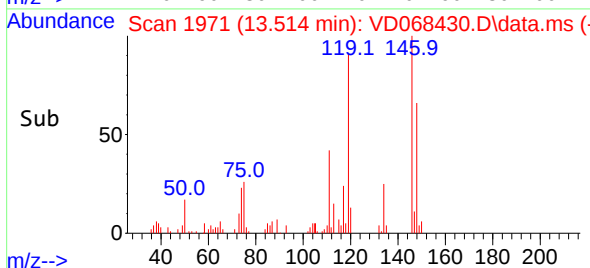
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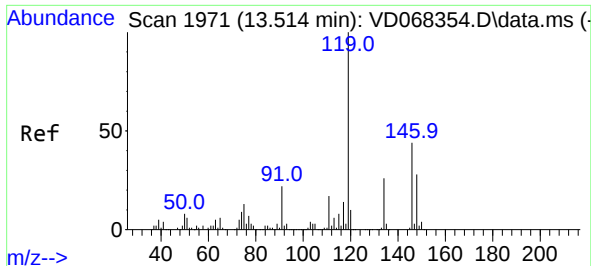


#86
 p-Isopropyltoluene
 Concen: 2.79 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068430.D
 Acq: 24 Feb 2021 11:54

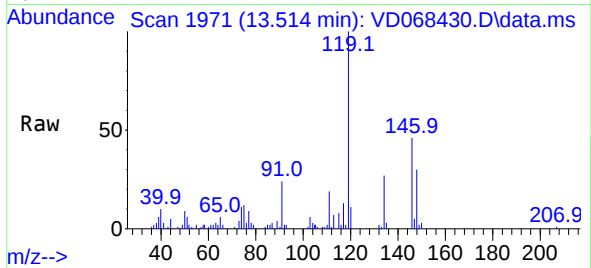


Tgt Ion:119 Resp: 42929
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 22.3 11.7 35.0

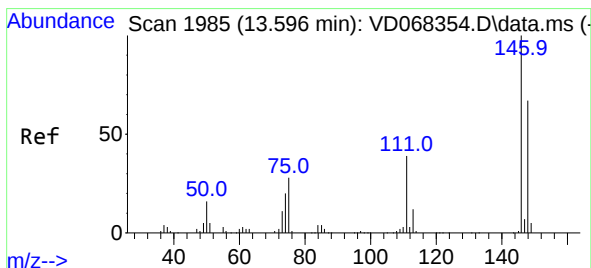
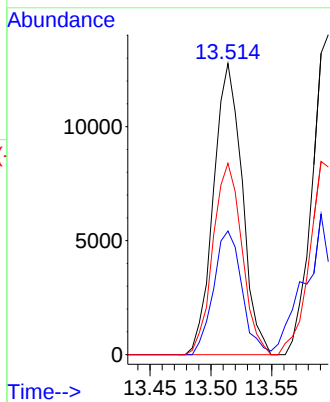
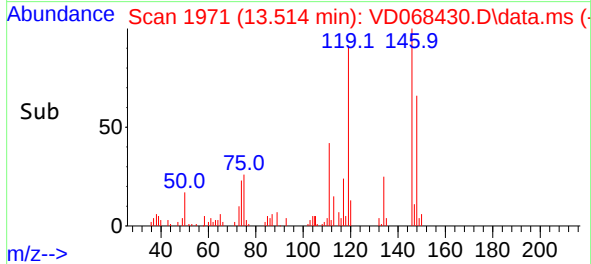




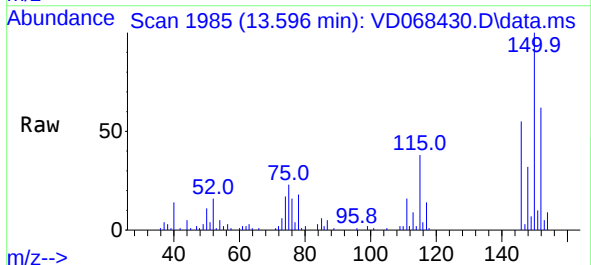
#87
1,3-Dichlorobenzene
Concen: 2.79 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



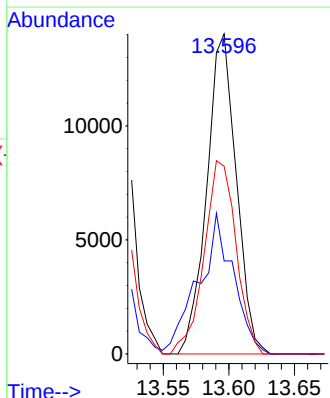
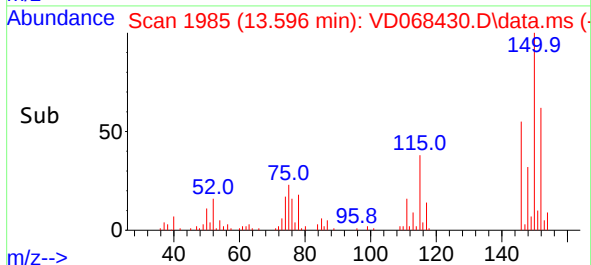
Tgt Ion:146 Resp: 20894
Ion Ratio Lower Upper
146 100
111 42.2 19.5 58.5
148 66.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 2.96 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



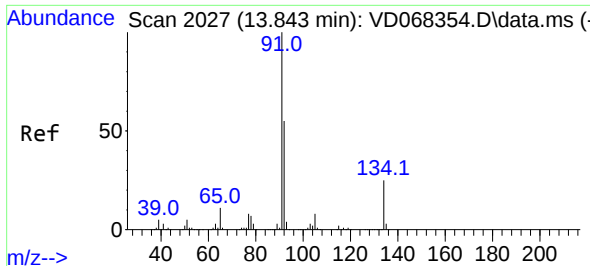
Tgt Ion:146 Resp: 21991
Ion Ratio Lower Upper
146 100
111 51.8 19.1 57.1
148 65.4 31.9 95.7



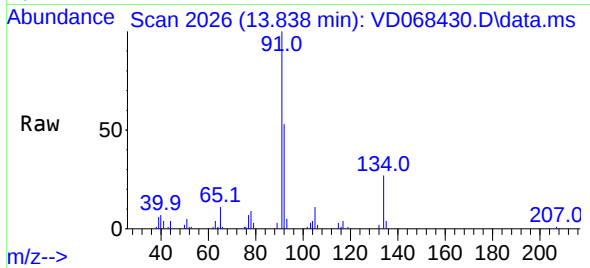
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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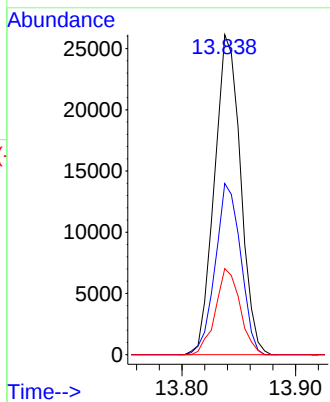
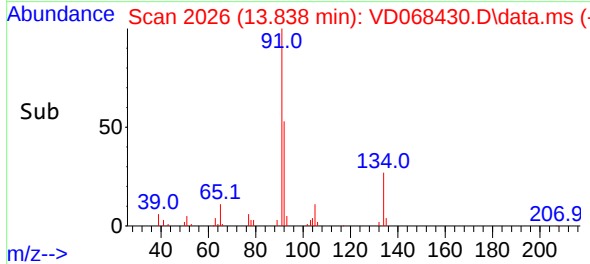
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#89
n-Butylbenzene
Concen: 2.77 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



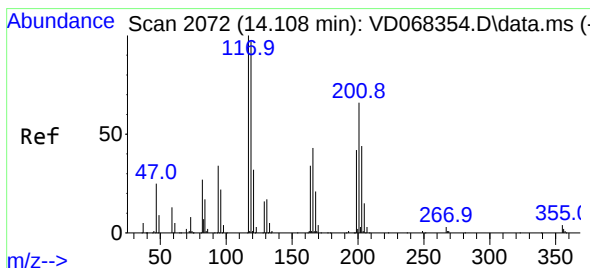
Tgt Ion: 91 Resp: 41669
Ion Ratio Lower Upper
91 100
92 52.2 27.2 81.6
134 25.4 13.9 41.7



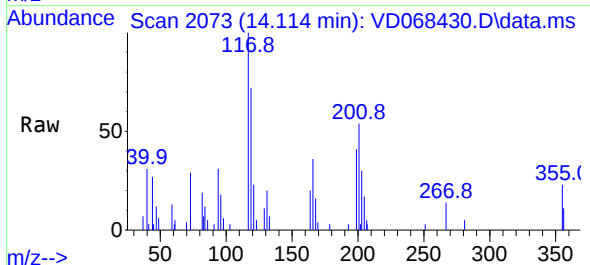
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

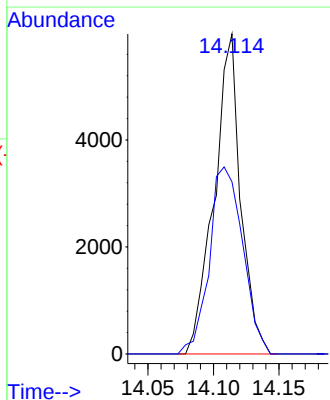
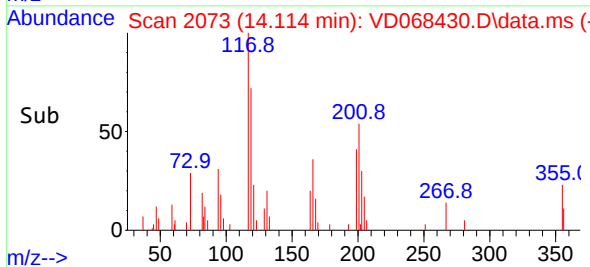
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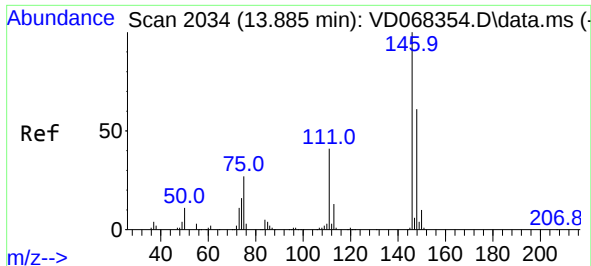


#90
Hexachloroethane
Concen: 3.01 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



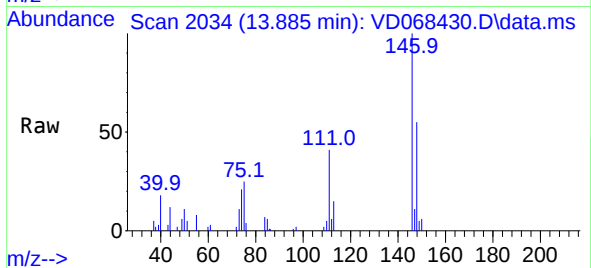
Tgt Ion: 117 Resp: 8405
Ion Ratio Lower Upper
117 100
201 73.7 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 2.99 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

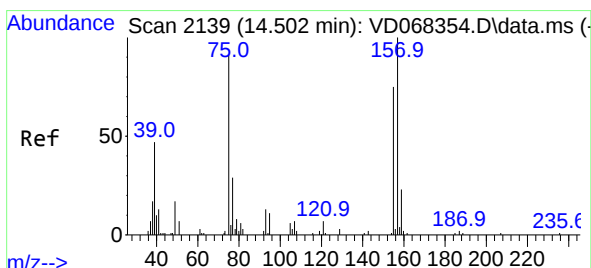
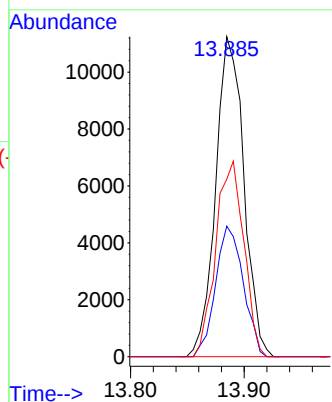
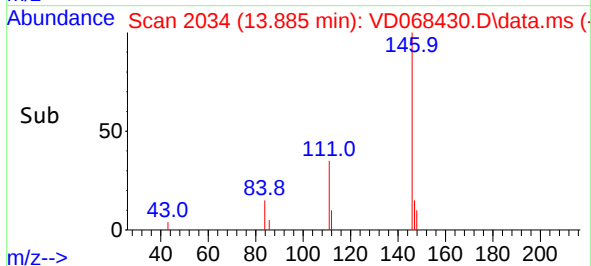
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



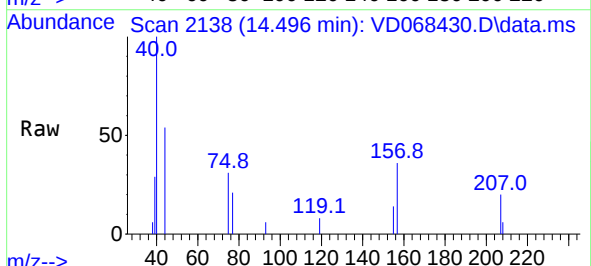
Tgt Ion:146 Resp: 19405
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.9
148 60.8 31.7 95.1

Manual Integrations
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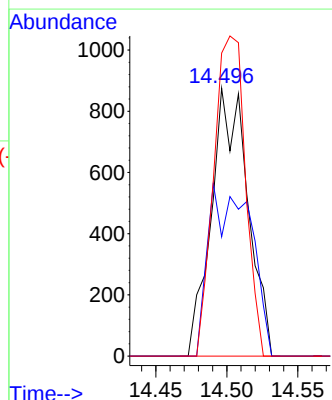
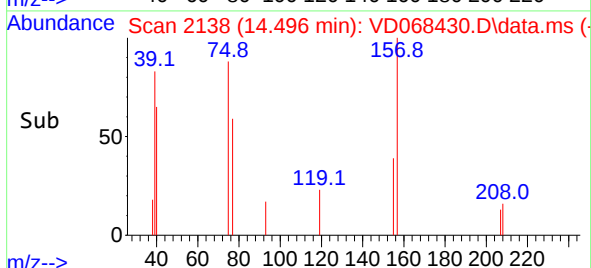
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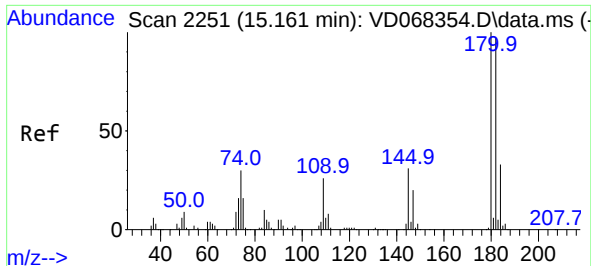


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.57 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



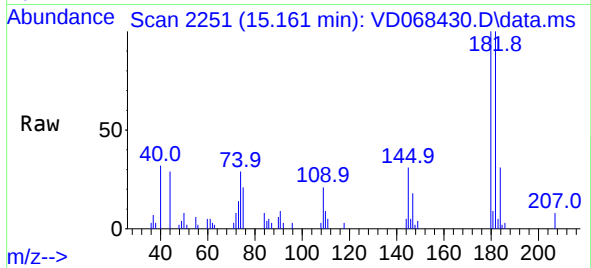
Tgt Ion: 75 Resp: 1563
Ion Ratio Lower Upper
75 100
155 74.2 48.0 144.2
157 103.6 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 3.46 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

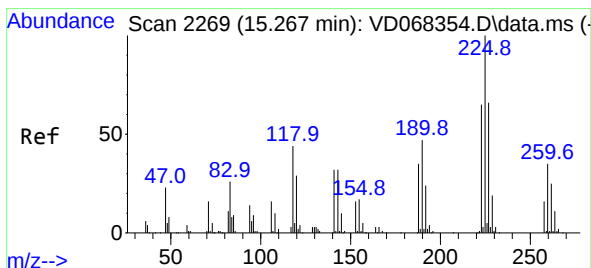
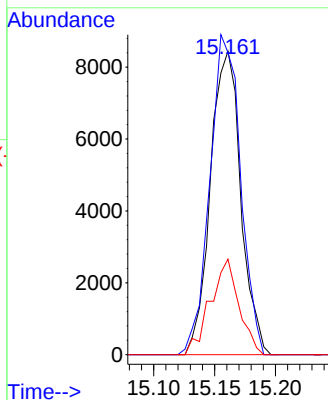
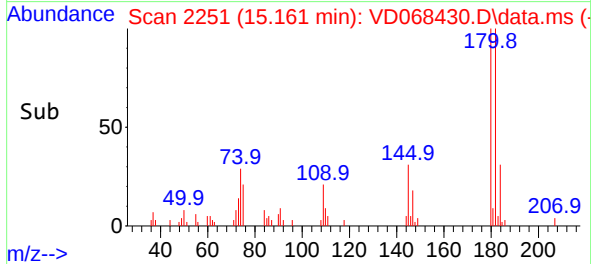
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



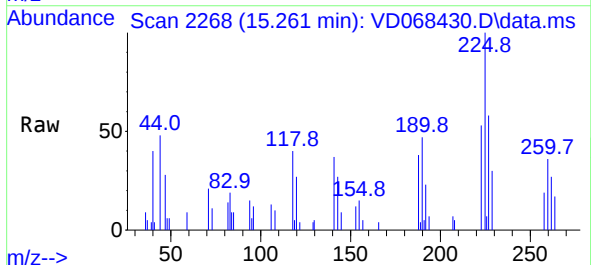
Tgt Ion:180 Resp: 14672
Ion Ratio Lower Upper
180 100
182 106.5 46.8 140.4
145 29.7 15.2 45.5

Manual Integrations
APPROVED

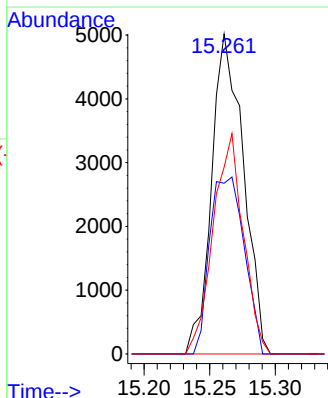
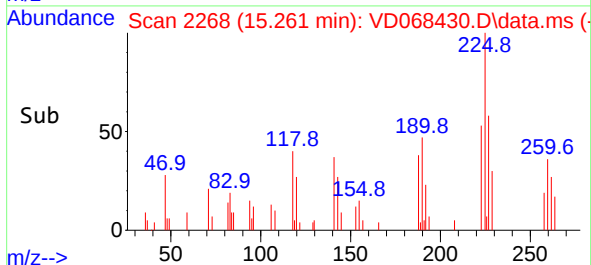
MMDadoda
2/25/2021 12:16:46 PM

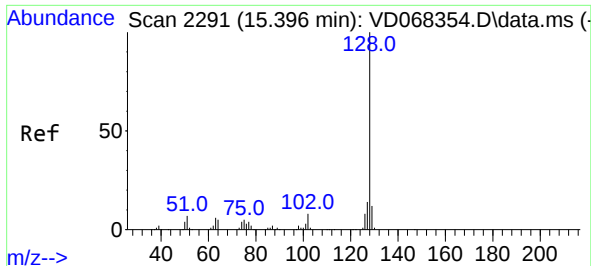


#94
Hexachlorobutadiene
Concen: 3.62 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



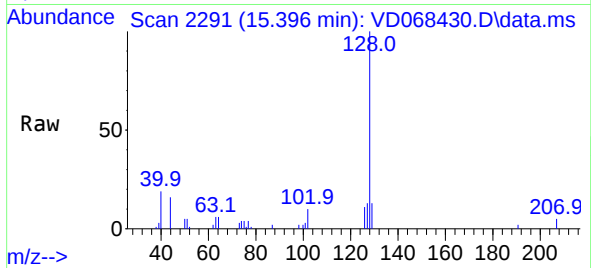
Tgt Ion:225 Resp: 8455
Ion Ratio Lower Upper
225 100
223 60.3 31.9 95.5
227 65.2 32.1 96.5





#95
Naphthalene
Concen: 3.27 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54

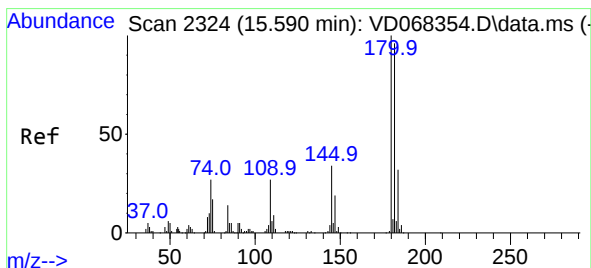
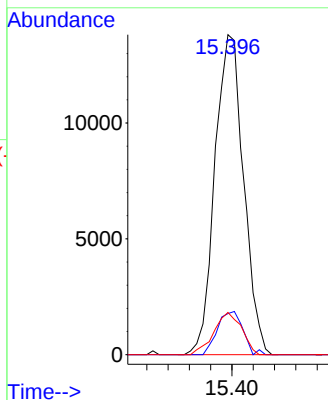
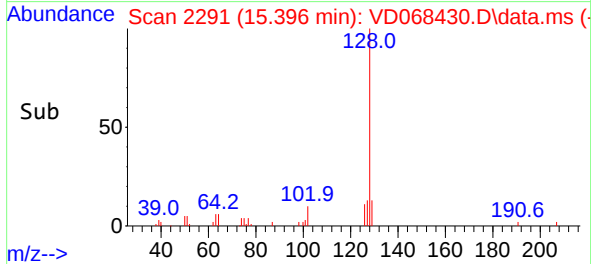
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



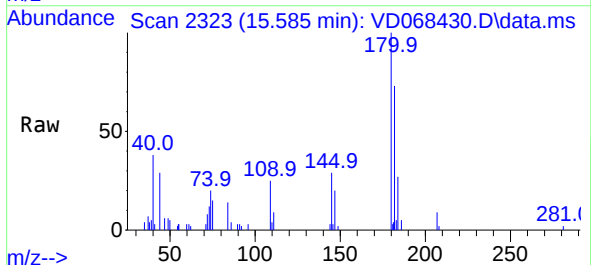
Tgt Ion:	128	Resp:	25816
Ion Ratio	Lower	Upper	
128	100		
127	12.0	10.2	15.2
129	12.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
2/25/2021 12:16:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.46 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. -0.006 min
Lab File: VD068430.D
Acq: 24 Feb 2021 11:54



Tgt Ion:	180	Resp:	12805
Ion Ratio	Lower	Upper	
180	100		
182	96.7	48.3	144.8
145	40.0	16.7	50.1

