

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075499.D
 Acq On : 10 Mar 2023 18:22
 Operator : KP/SY
 Sample : 01627-01 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Quant Time: Mar 11 00:17:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 11 00:17:24 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	92089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	169144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	149367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	65129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50410	60.328	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.660%			
35) Dibromofluoromethane	7.811	113	61781	53.330	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.660%			
50) Toluene-d8	10.269	98	245370	53.616	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.240%			
62) 4-Bromofluorobenzene	12.575	95	64413	48.688	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	2443	2.660	ug/l	90
3) Chloromethane	2.152	50	4863	3.199	ug/l	100
4) Vinyl Chloride	2.287	62	6596	2.985	ug/l #	88
5) Bromomethane	2.705	94	5947	3.435	ug/l	97
6) Chloroethane	2.846	64	4399	2.972	ug/l	90
7) Trichlorofluoromethane	3.181	101	5067	2.845	ug/l	91
8) Diethyl Ether	3.599	74	1266	2.662	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.970	101	3175	2.739	ug/l	94
10) Methyl Iodide	4.170	142	3572	2.583	ug/l #	84
11) Tert butyl alcohol	5.052	59	84	2.177	ug/l #	100
12) 1,1-Dichloroethene	3.952	96	3222	2.815	ug/l	91
13) Acrolein	3.811	56	1033	13.454	ug/l #	80
14) Allyl chloride	4.564	41	2810	2.853	ug/l	91
15) Acrylonitrile	5.264	53	2131	12.222	ug/l #	92
16) Acetone	4.023	43	1844	11.855	ug/l #	78
17) Carbon Disulfide	4.275	76	10018	2.901	ug/l	99
18) Methyl Acetate	4.570	43	1248	2.821	ug/l	96
19) Methyl tert-butyl Ether	5.317	73	5381	2.711	ug/l	94
20) Methylene Chloride	4.805	84	7602	5.103	ug/l #	76
21) trans-1,2-Dichloroethene	5.311	96	3649	2.804	ug/l #	70
22) Diisopropyl ether	6.217	45	4875	2.284	ug/l #	92
23) Vinyl Acetate	6.164	43	12565m	12.130	ug/l	
24) 1,1-Dichloroethane	6.122	63	5318	2.876	ug/l #	81
25) 2-Butanone	7.093	43	2498	12.821	ug/l #	80
26) 2,2-Dichloropropane	7.069	77	4969	2.922	ug/l #	73
27) cis-1,2-Dichloroethene	7.093	96	3600	2.582	ug/l	89
28) Bromochloromethane	7.428	49	1687	2.830	ug/l #	55
29) Tetrahydrofuran	7.464	42	1244	11.731	ug/l #	75
30) Chloroform	7.605	83	5501	2.679	ug/l	89
31) Cyclohexane	7.887	56	5016	3.370	ug/l #	59
32) 1,1,1-Trichloroethane	7.799	97	5127	2.848	ug/l #	89
36) 1,1-Dichloropropene	8.005	75	4092	2.384	ug/l	92
37) Ethyl Acetate	7.164	43	1213	2.712	ug/l #	80
38) Carbon Tetrachloride	7.999	117	3404	2.069	ug/l #	86
39) Methylcyclohexane	9.275	83	4805	2.220	ug/l	90
40) Benzene	8.258	78	13169	2.560	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	495	2.100	ug/l #	57
42) 1,2-Dichloroethane	8.328	62	3355	2.962	ug/l	79
43) Isopropyl Acetate	8.369	43	1804	2.179	ug/l #	61
44) Trichloroethene	9.034	130	3910	2.586	ug/l	89
45) 1,2-Dichloropropane	9.310	63	2636	2.383	ug/l	94
46) Dibromomethane	9.399	93	1853	2.718	ug/l	95
47) Bromodichloromethane	9.587	83	4121	2.497	ug/l	89
48) Methyl methacrylate	9.387	41	724	1.862	ug/l #	49
49) 1,4-Dioxane	9.381	88	54	8.732	ug/l #	21
51) 4-Methyl-2-Pentanone	10.163	43	4427	10.284	ug/l #	77
52) Toluene	10.340	92	8830	2.648	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	3810	2.566	ug/l	91
54) cis-1,3-Dichloropropene	10.022	75	4367	2.395	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	2690	2.787	ug/l #	86
56) Ethyl methacrylate	10.605	69	1880	2.046	ug/l #	66
57) 1,3-Dichloropropane	10.875	76	3837	2.584	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.875	63	4697	10.445	ug/l	90
59) 2-Hexanone	10.922	43	3037	9.977	ug/l	76
60) Dibromochloromethane	11.075	129	2731	2.395	ug/l	96
61) 1,2-Dibromoethane	11.175	107	2295	2.525	ug/l	94
64) Tetrachloroethene	10.810	164	3206	2.720	ug/l	85
65) Chlorobenzene	11.610	112	9790	2.764	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	3211	2.646	ug/l	94
67) Ethyl Benzene	11.693	91	14939	2.449	ug/l	95
68) m/p-Xylenes	11.799	106	11178	4.559	ug/l	94
69) o-Xylene	12.128	106	5154	2.263	ug/l	92
70) Styrene	12.140	104	8373	2.210	ug/l	91
71) Bromoform	12.304	173	1435	2.316	ug/l #	88
73) Isopropylbenzene	12.428	105	13717	2.630	ug/l	97
74) N-amyl acetate	12.240	43	1292	2.000	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.681	83	2681	3.031	ug/l #	91
76) 1,2,3-Trichloropropane	12.734	75	978m	1.831	ug/l	
77) Bromobenzene	12.704	156	3776	3.045	ug/l	79
78) n-propylbenzene	12.769	91	17874	2.820	ug/l	97
79) 2-Chlorotoluene	12.851	91	9708	2.827	ug/l	98
80) 1,3,5-Trimethylbenzene	12.910	105	11201	2.619	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	491m	1.933	ug/l	
82) 4-Chlorotoluene	12.951	91	9912	2.797	ug/l	99
83) tert-Butylbenzene	13.169	119	9991	2.688	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	10123	2.449	ug/l	96
85) sec-Butylbenzene	13.351	105	15122	2.628	ug/l	99
86) p-Isopropyltoluene	13.463	119	12033	2.559	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	7686	2.999	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	7693	3.034	ug/l	94
89) n-Butylbenzene	13.793	91	11665	2.705	ug/l	98
90) Hexachloroethane	14.057	117	2962	3.262	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	6230	2.872	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	3794	2.999	ug/l	97
94) Hexachlorobutadiene	15.210	225	1562	2.589	ug/l	98
95) Naphthalene	15.340	128	6624	2.853	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.528	180	3320	3.042	ug/l	98

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Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

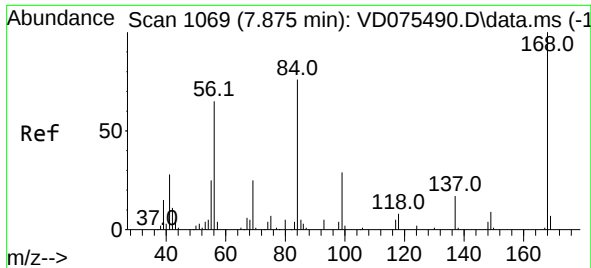
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Manual Integrations

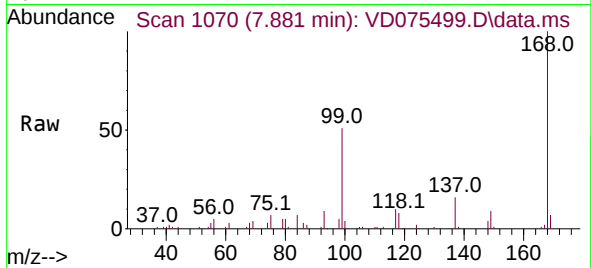
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

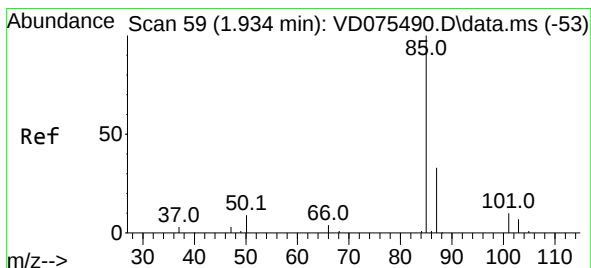
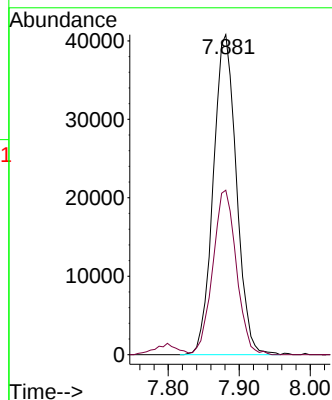
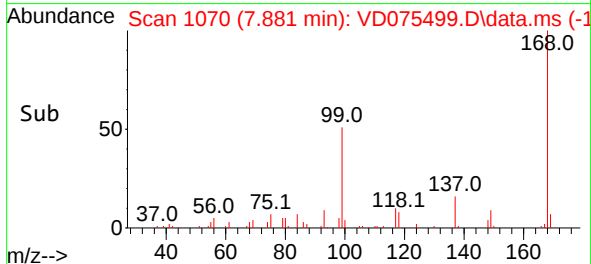
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion:168 Resp: 92089
Ion Ratio Lower Upper
168 100
99 51.4 43.8 65.6

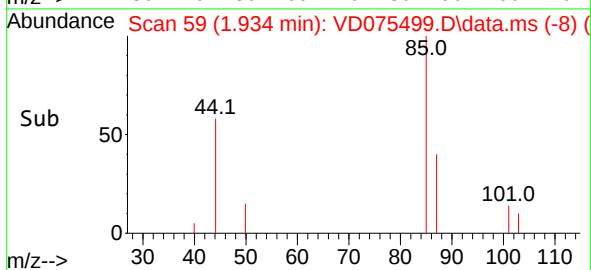
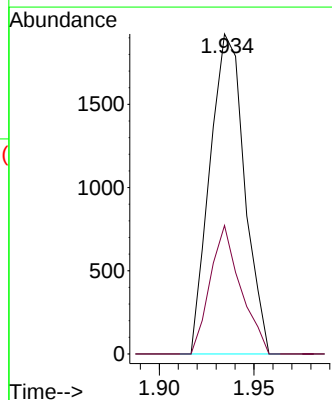
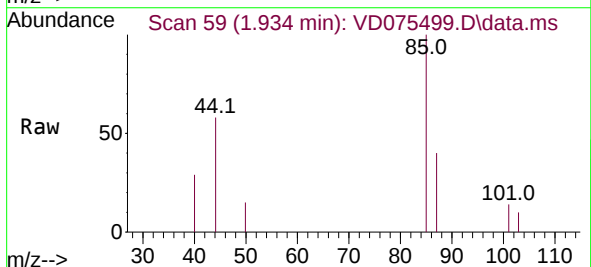
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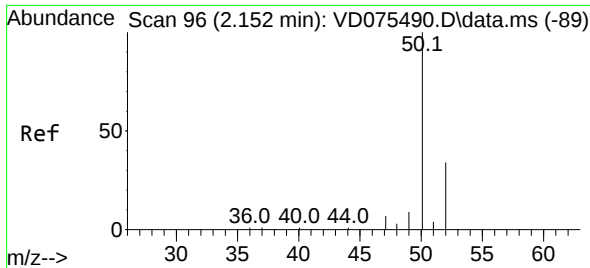
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#2
Dichlorodifluoromethane
Concen: 2.660 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 85 Resp: 2443
Ion Ratio Lower Upper
85 100
87 40.1 17.3 51.7





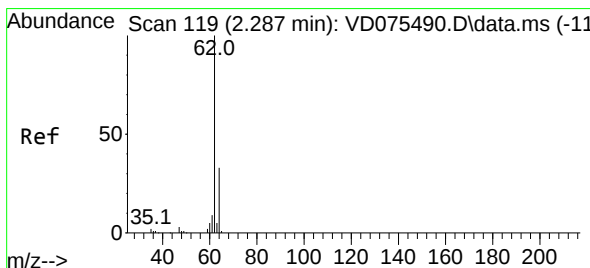
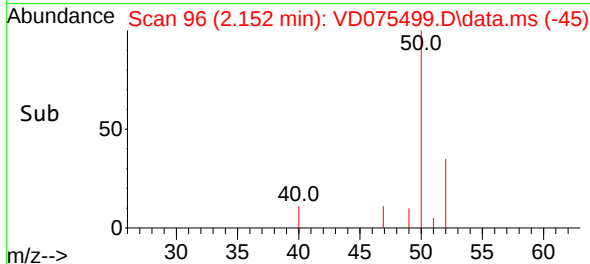
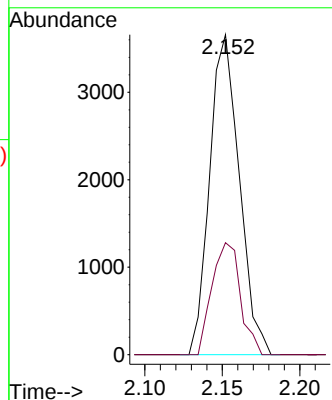
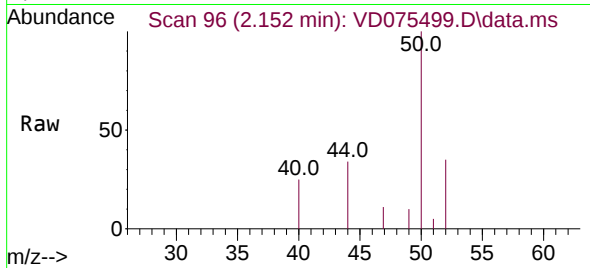
#3
Chloromethane
Concen: 3.199 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 50 Resp: 486
Ion Ratio Lower Upper
50 100
52 35.0 27.8 41.8

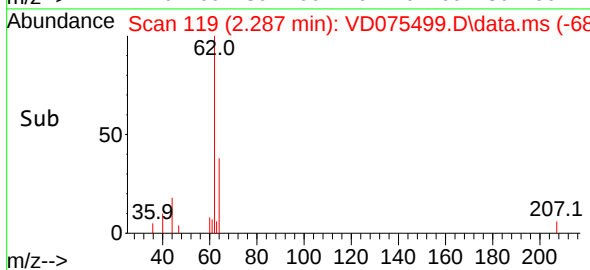
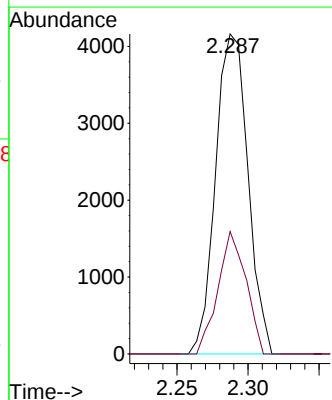
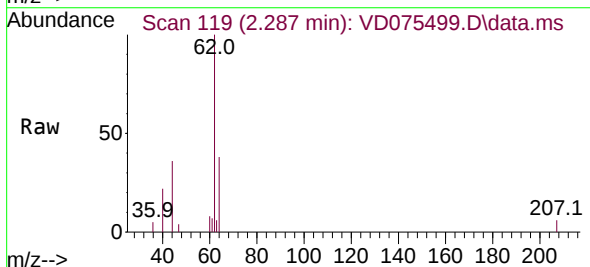
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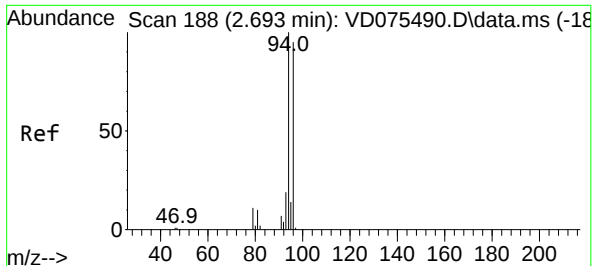
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#4
Vinyl Chloride
Concen: 2.985 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 62 Resp: 6596
Ion Ratio Lower Upper
62 100
64 38.3 25.4 38.0#





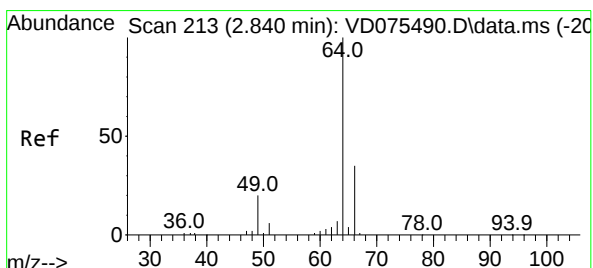
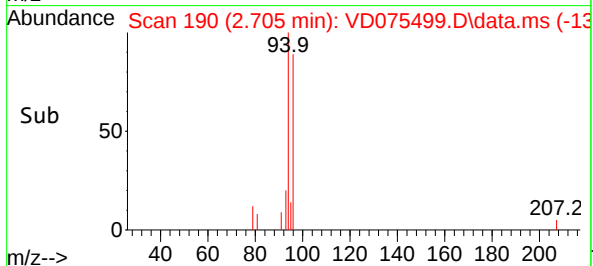
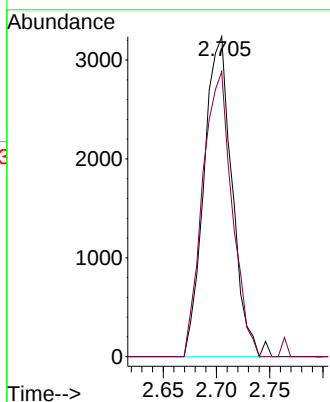
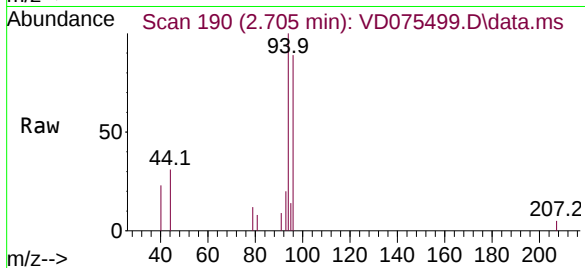
#5
Bromomethane
Concen: 3.435 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.012 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 94 Resp: 594
Ion Ratio Lower Upper
94 100
96 93.6 77.5 116.3

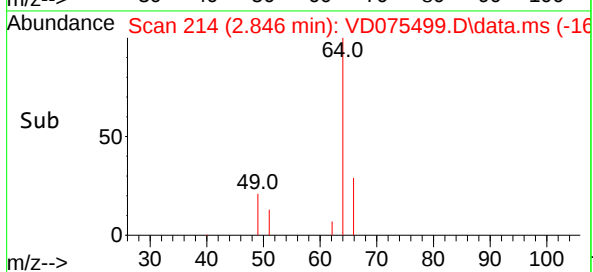
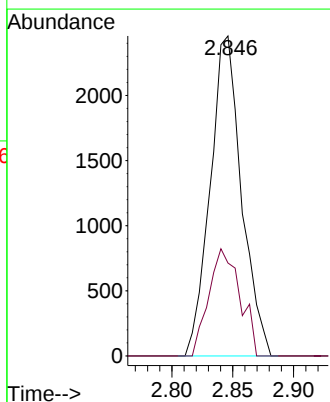
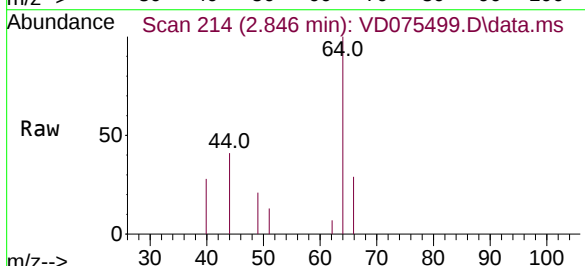
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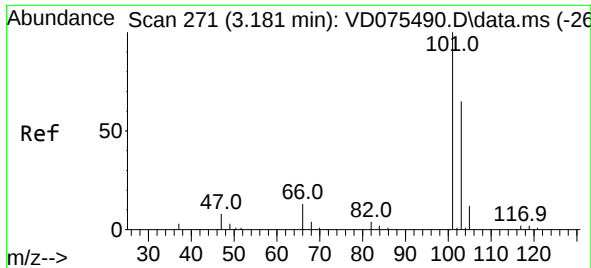
Reviewed By :Krupa Patel 03/13/2023
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#6
Chloroethane
Concen: 2.972 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

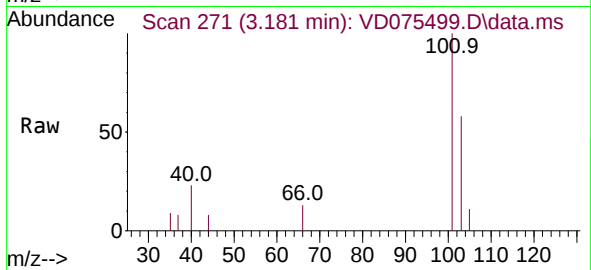
Tgt Ion: 64 Resp: 4399
Ion Ratio Lower Upper
64 100
66 29.1 27.7 41.5





#7
Trichlorofluoromethane
Concen: 2.845 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

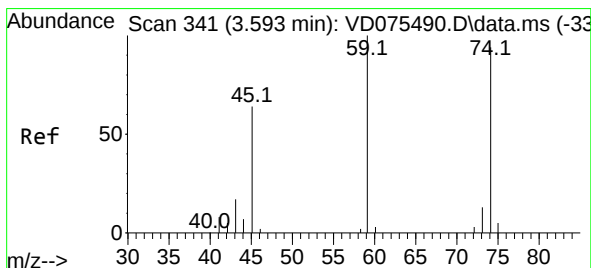
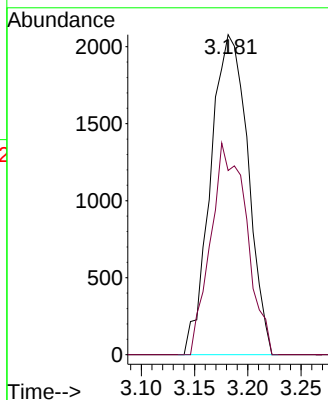
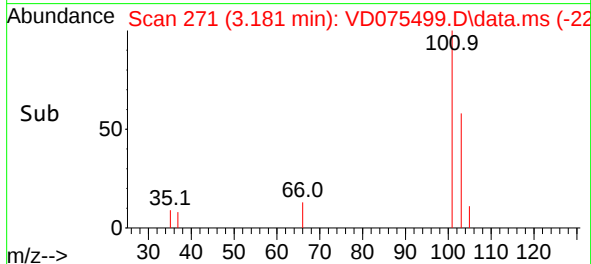
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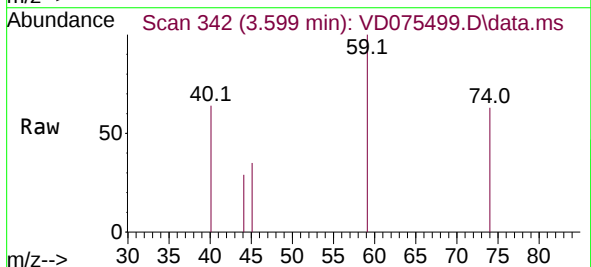
Tgt Ion:101 Resp: 506
Ion Ratio Lower Upper
101 100
103 57.6 51.9 77.9

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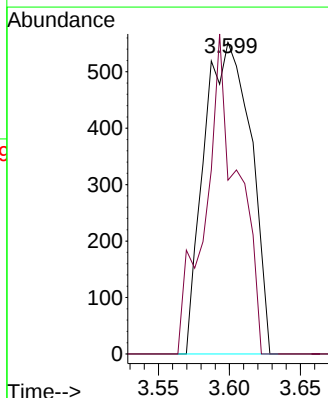
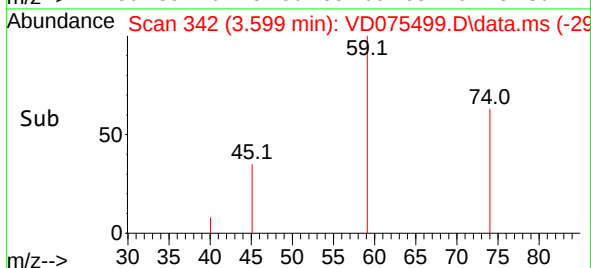
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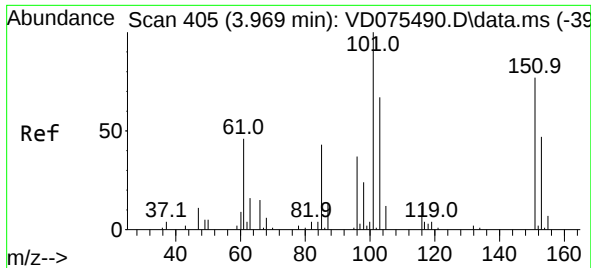


#8
Diethyl Ether
Concen: 2.662 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



Tgt Ion: 74 Resp: 1266
Ion Ratio Lower Upper
74 100
45 71.8 50.9 152.7





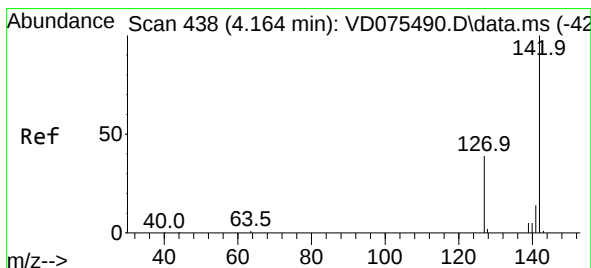
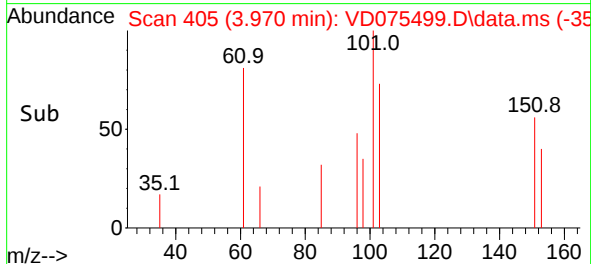
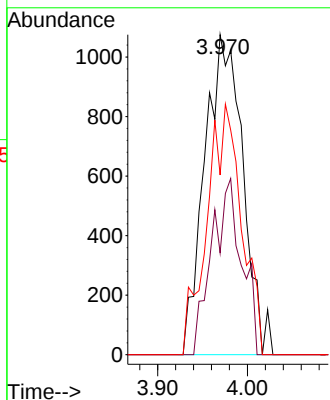
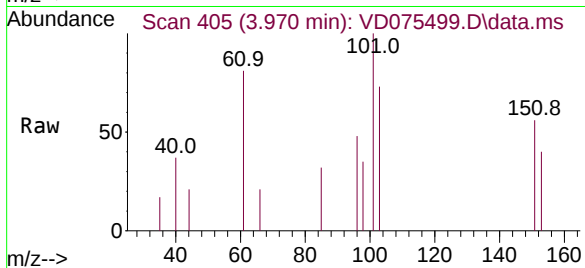
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.739 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:101 Resp: 317
Ion Ratio Lower Upper
101 100
85 43.0 38.3 57.5
151 71.4 60.4 90.6

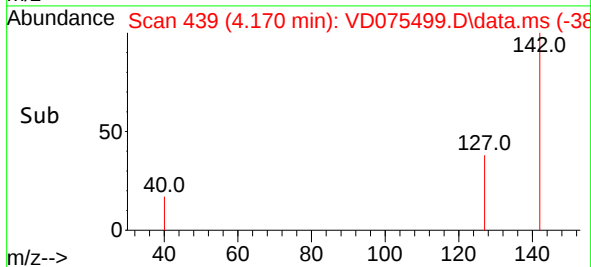
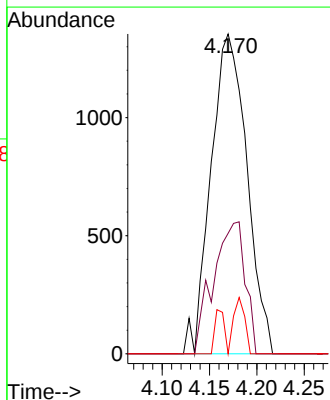
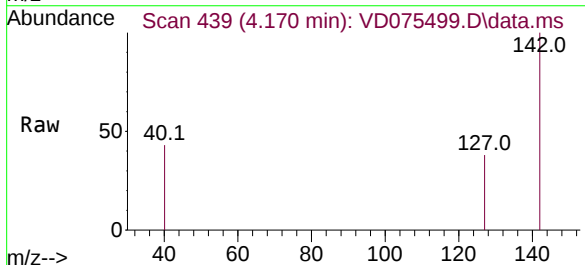
Manual Integrations
APPROVED

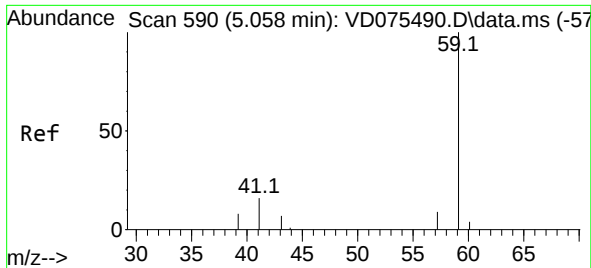
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#10
Methyl Iodide
Concen: 2.583 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

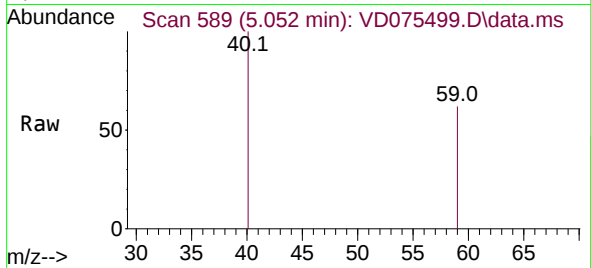
Tgt Ion:142 Resp: 3572
Ion Ratio Lower Upper
142 100
127 36.5 37.1 55.7#
141 5.5 11.3 16.9#





#11
Tert butyl alcohol
Concen: 2.177 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

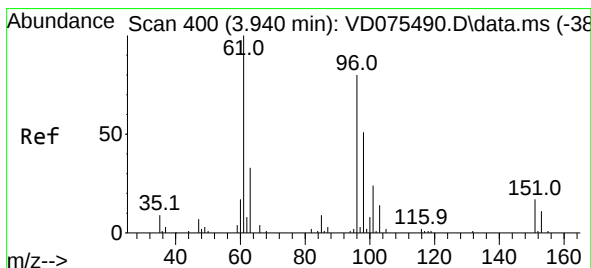
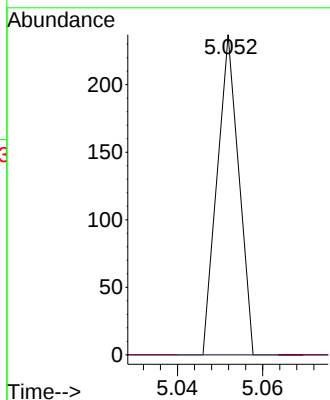
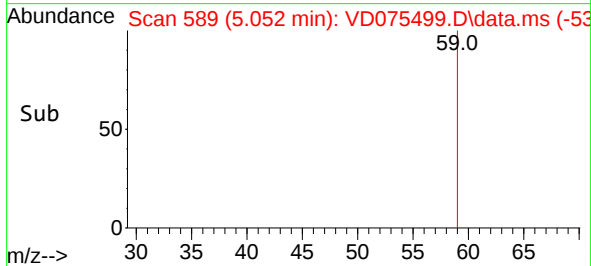
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



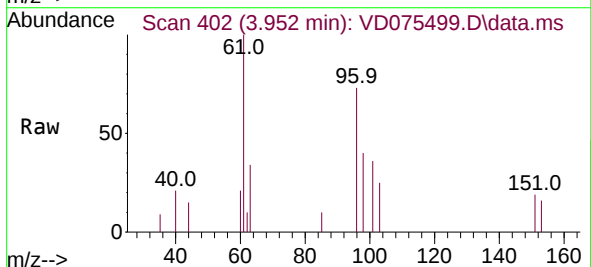
Tgt Ion: 59 Resp: 84
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

Manual Integrations
APPROVED

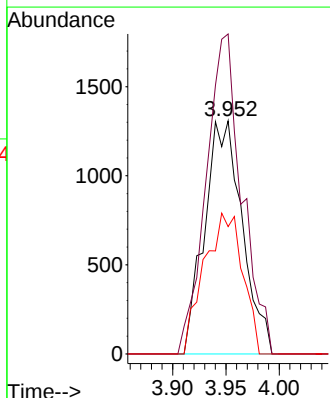
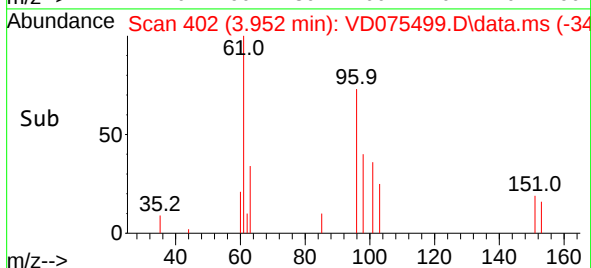
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

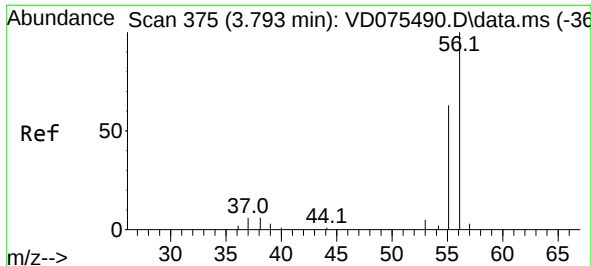


#12
1,1-Dichloroethene
Concen: 2.815 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



Tgt Ion: 96 Resp: 3222
Ion Ratio Lower Upper
96 100
61 137.3 118.6 177.8
98 54.7 49.7 74.5





#13

Acrolein

Concen: 13.454 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.018 min

Lab File: VD075499.D

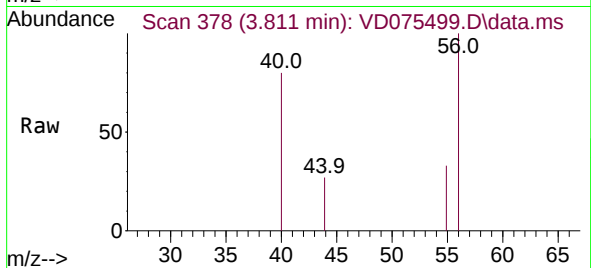
Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 56 Resp: 103

Ion Ratio Lower Upper

56 100

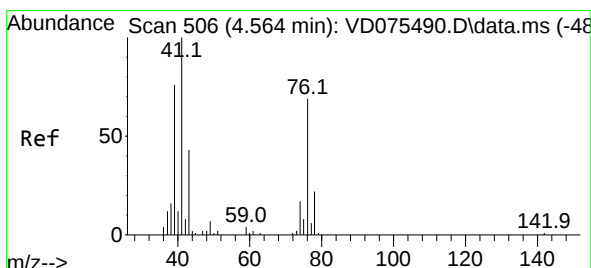
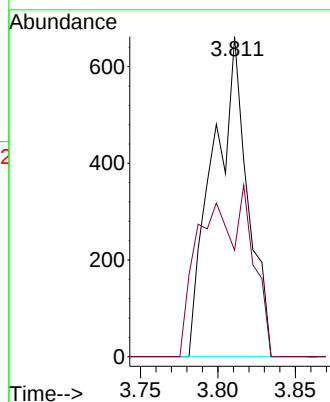
55 51.7 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#14

Allyl chloride

Concen: 2.853 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

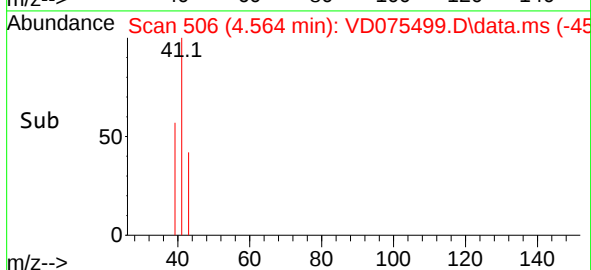
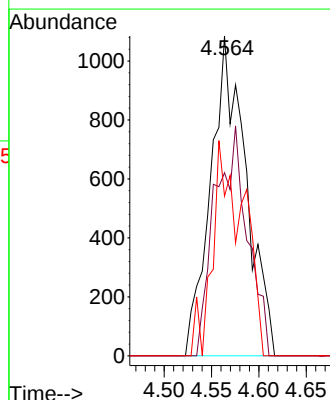
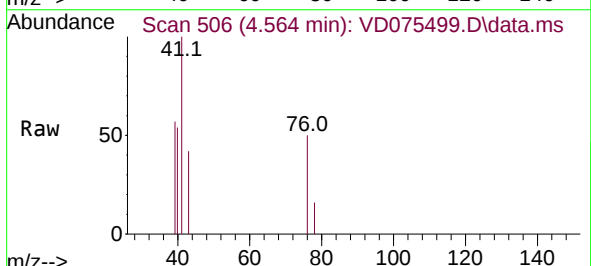
Tgt Ion: 41 Resp: 2810

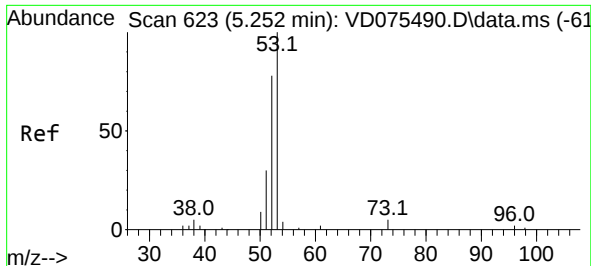
Ion Ratio Lower Upper

41 100

39 66.2 60.6 90.8

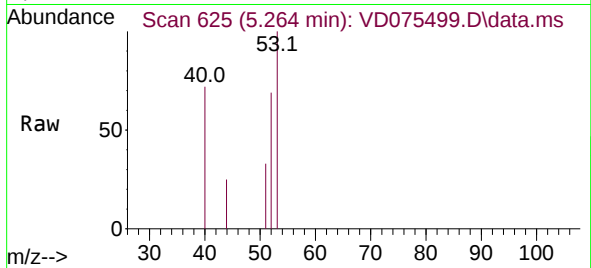
76 38.0 28.6 43.0





#15
Acrylonitrile
Concen: 12.222 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

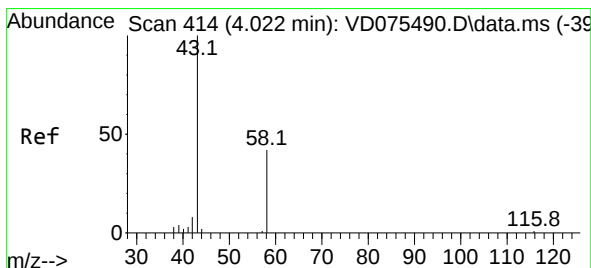
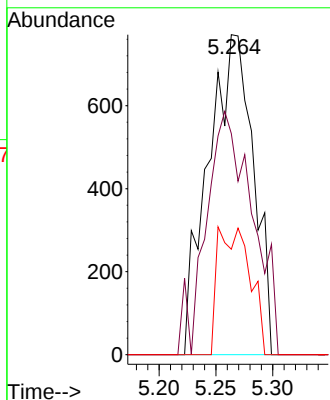
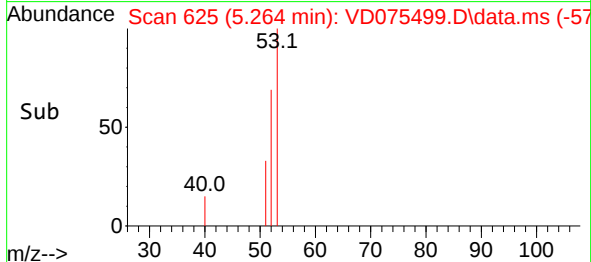
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 53 Resp: 213
Ion Ratio Lower Upper
53 100
52 78.6 66.2 99.4
51 28.6 30.7 46.1

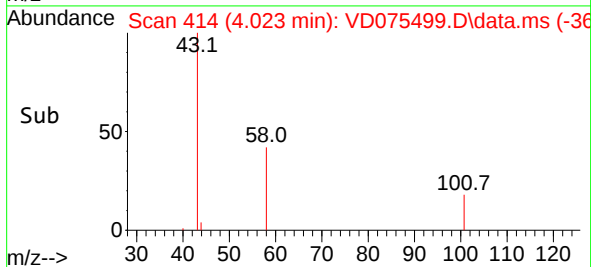
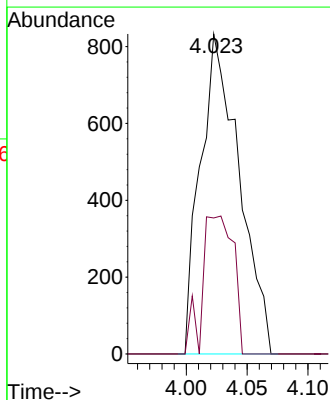
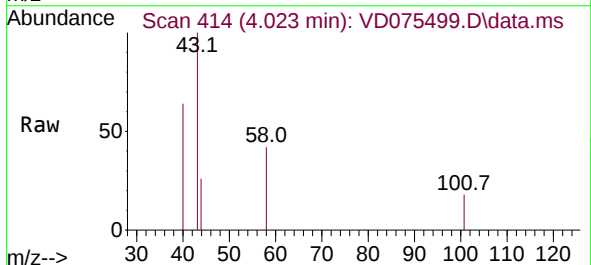
Manual Integrations
APPROVED

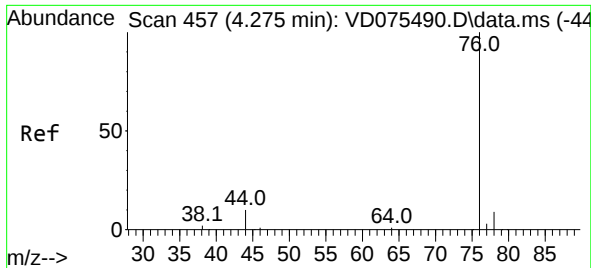
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#16
Acetone
Concen: 11.855 ug/l
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

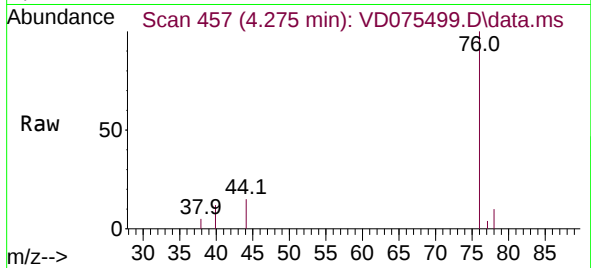
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 42.5 24.4 36.6





#17
Carbon Disulfide
Concen: 2.901 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

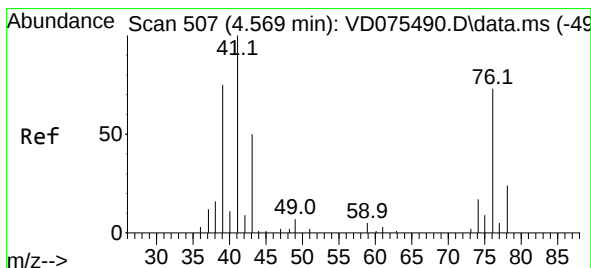
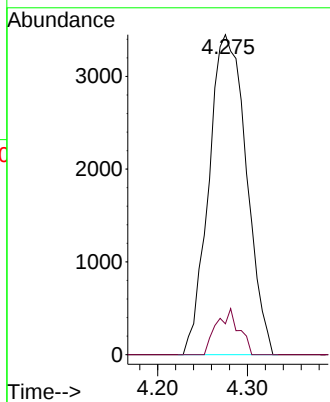
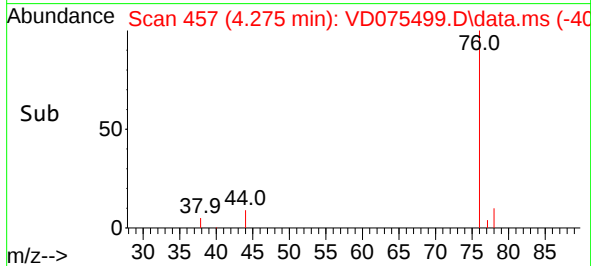
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



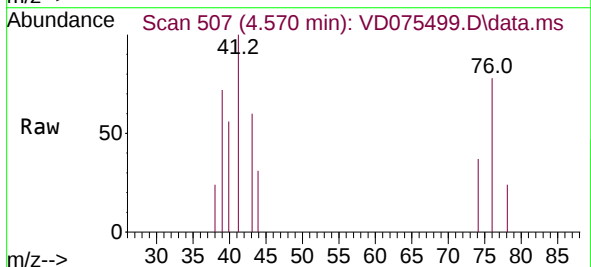
Tgt Ion: 76 Resp: 10018
Ion Ratio Lower Upper
76 100
78 9.6 8.0 12.0

Manual Integrations
APPROVED

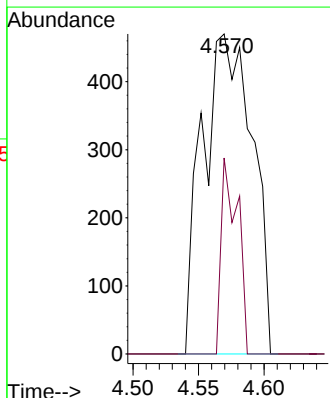
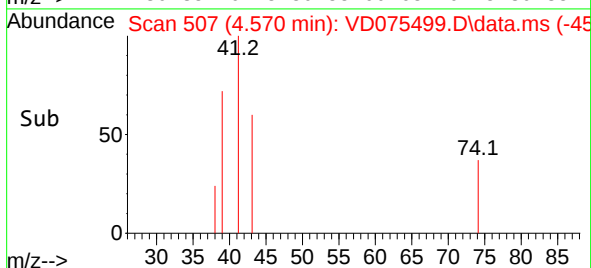
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

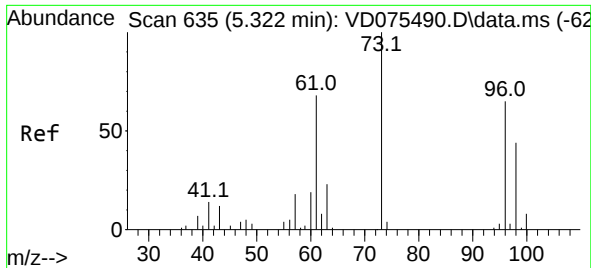


#18
Methyl Acetate
Concen: 2.821 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
74 20.2 17.8 26.6





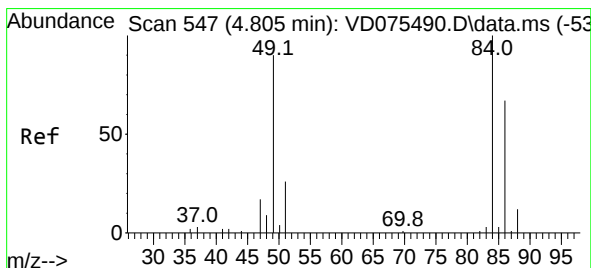
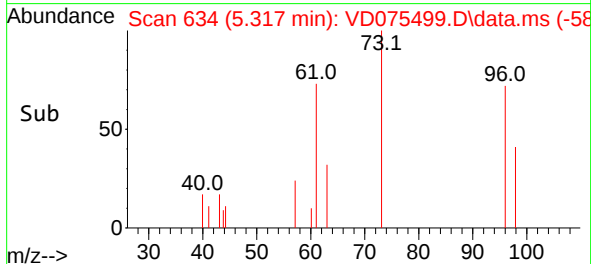
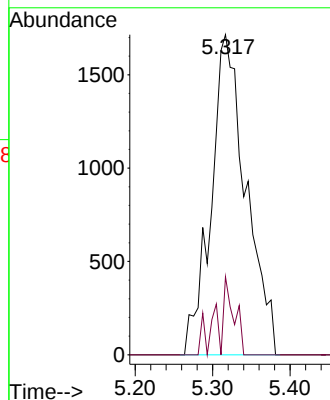
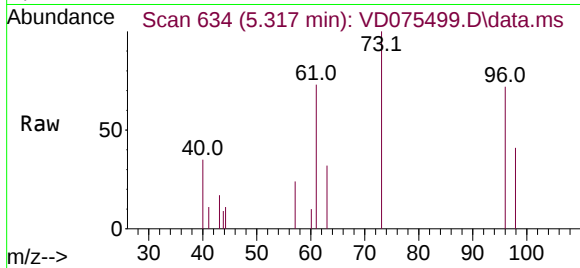
#19
Methyl tert-butyl Ether
Concen: 2.711 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 73 Resp: 538
Ion Ratio Lower Upper
73 100
57 24.4 17.2 25.8

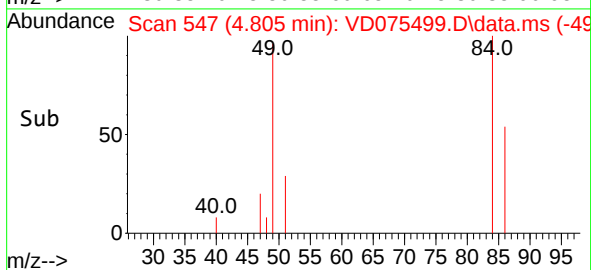
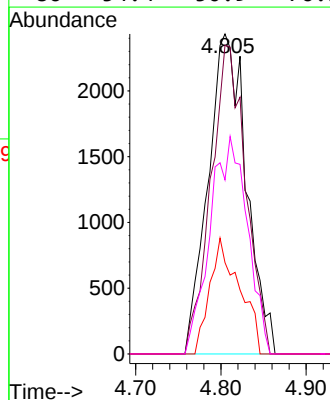
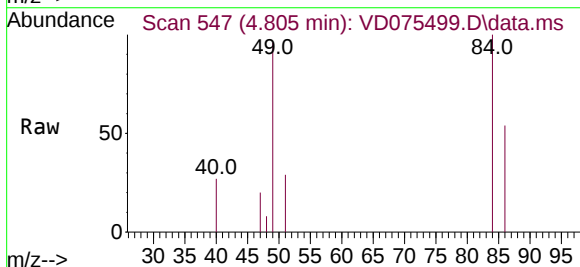
Manual Integrations
APPROVED

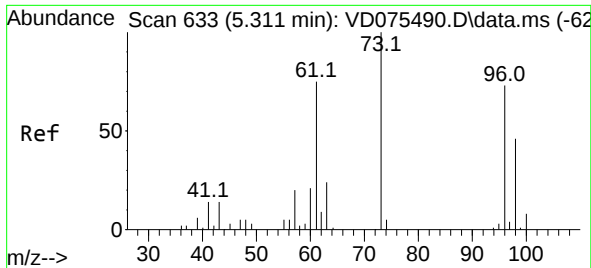
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#20
Methylene Chloride
Concen: 5.103 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

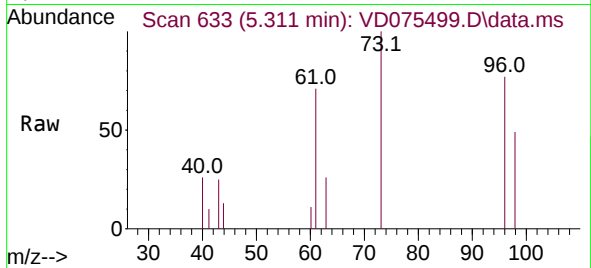
Tgt Ion: 84 Resp: 7602
Ion Ratio Lower Upper
84 100
49 96.5 106.4 159.6#
51 28.6 32.4 48.6#
86 54.4 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 2.804 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

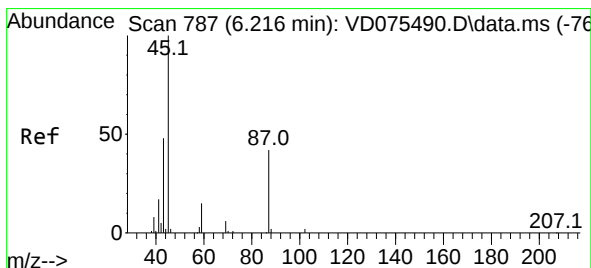
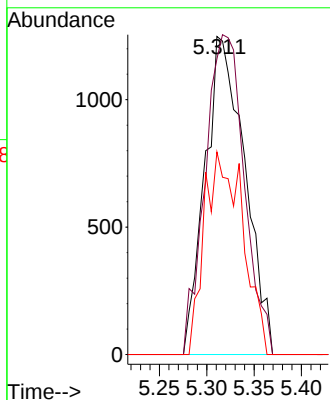
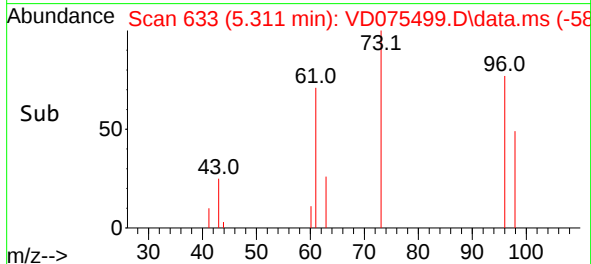
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



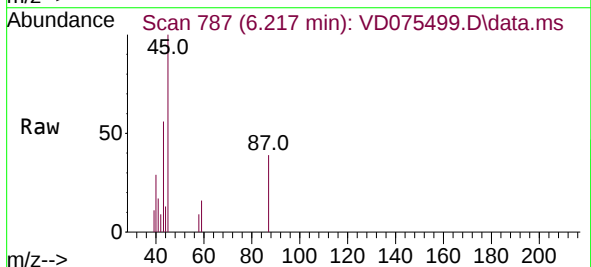
Tgt Ion: 96 Resp: 3649
Ion Ratio Lower Upper
96 100
61 92.9 117.2 175.8#
98 63.7 50.6 76.0

Manual Integrations
APPROVED

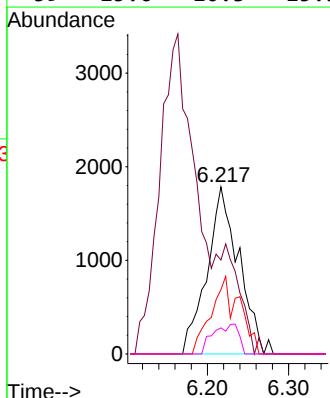
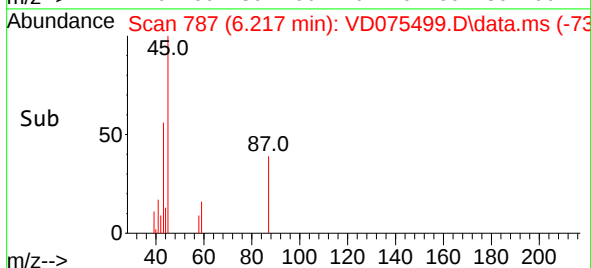
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

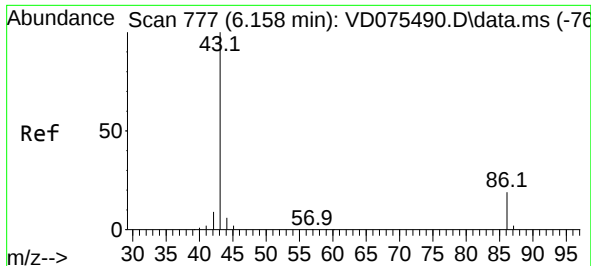


#22
Diisopropyl ether
Concen: 2.284 ug/l
RT: 6.217 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



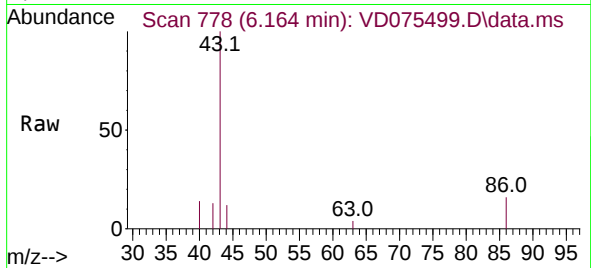
Tgt Ion: 45 Resp: 4875
Ion Ratio Lower Upper
45 100
43 56.2 44.4 66.6
87 38.5 20.9 31.3#
59 15.6 10.3 15.5#





#23
 Vinyl Acetate
 Concen: 12.130 ug/l m
 RT: 6.164 min Scan# 778
 Delta R.T. 0.006 min
 Lab File: VD075499.D
 Acq: 10 Mar 2023 18:22

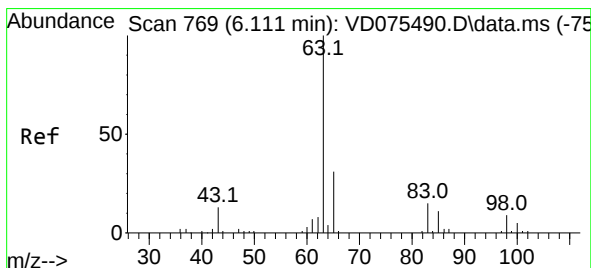
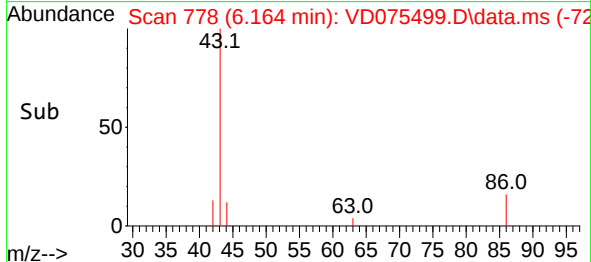
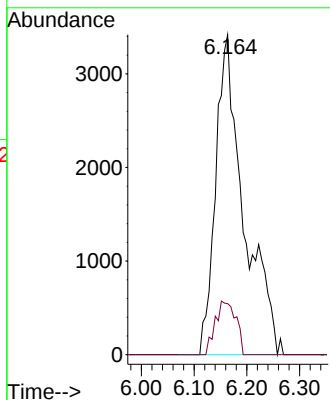
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 43 Resp: 1256
 Ion Ratio Lower Upper
 43 100
 86 15.9 9.0 13.6

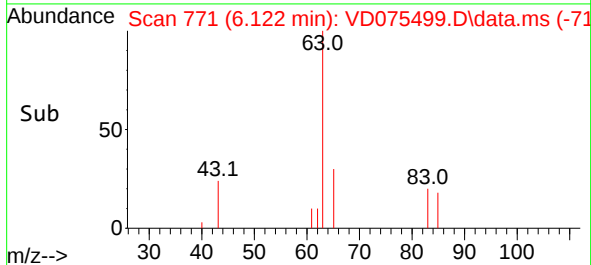
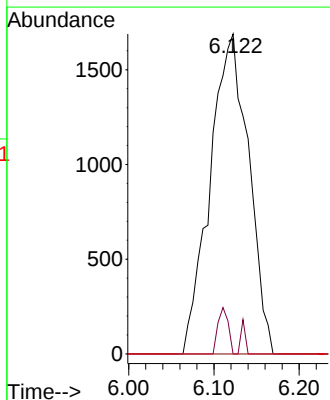
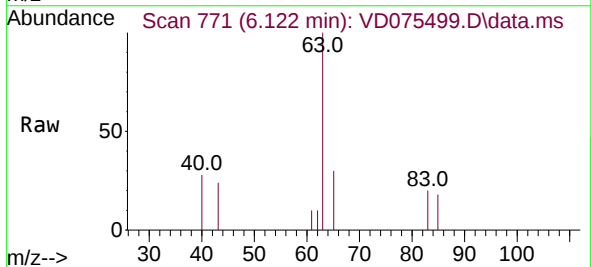
Manual Integrations
 APPROVED

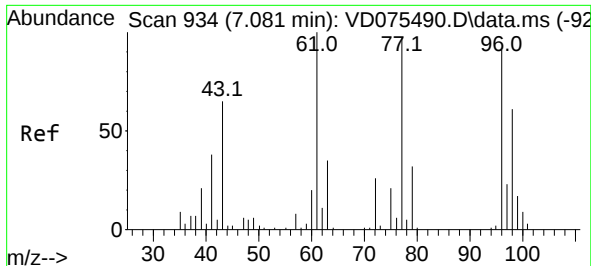
Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#24
 1,1-Dichloroethane
 Concen: 2.876 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD075499.D
 Acq: 10 Mar 2023 18:22

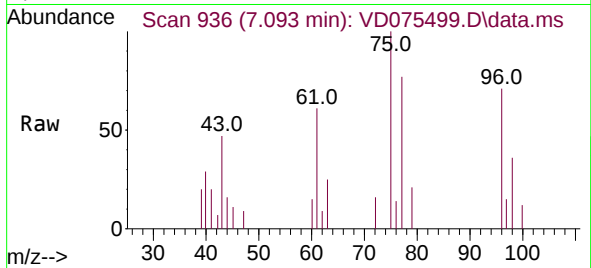
Tgt Ion: 63 Resp: 5318
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.0 6.0#





#25
2-Butanone
Concen: 12.821 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

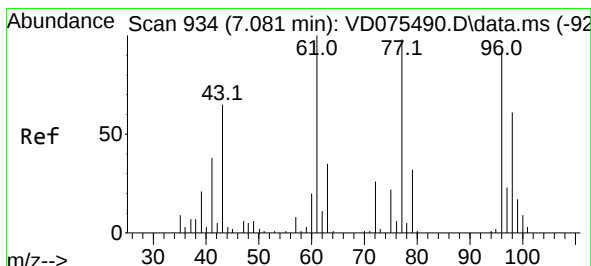
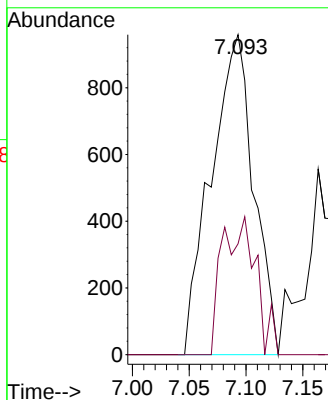
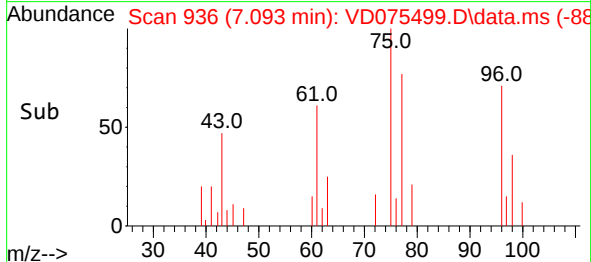
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



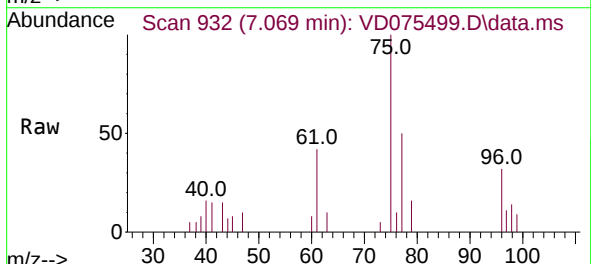
Tgt Ion: 43 Resp: 2498
Ion Ratio Lower Upper
43 100
72 34.6 19.8 29.8

Manual Integrations
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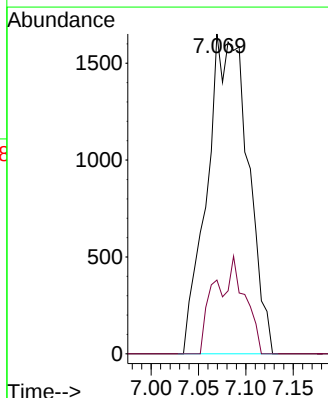
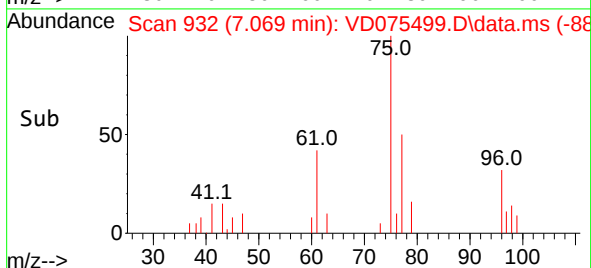
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

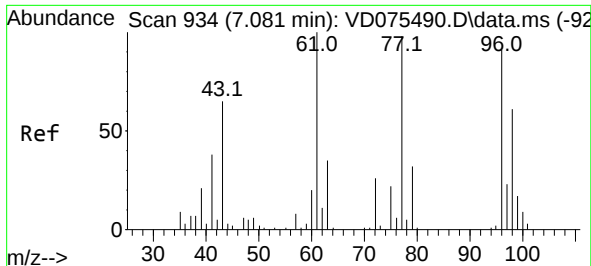


#26
2,2-Dichloropropane
Concen: 2.922 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



Tgt Ion: 77 Resp: 4969
Ion Ratio Lower Upper
77 100
97 9.0 11.1 33.1#





#27

cis-1,2-Dichloroethene

Concen: 2.582 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 96 Resp: 3600

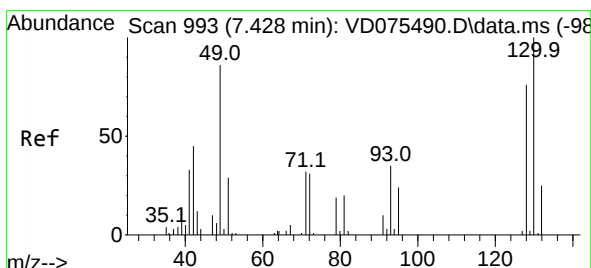
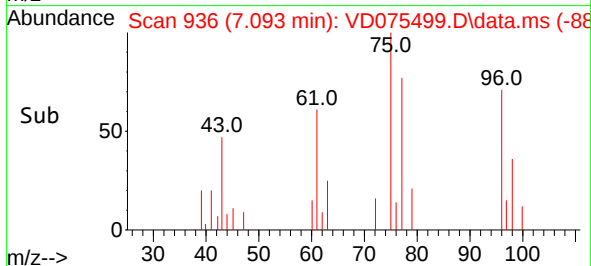
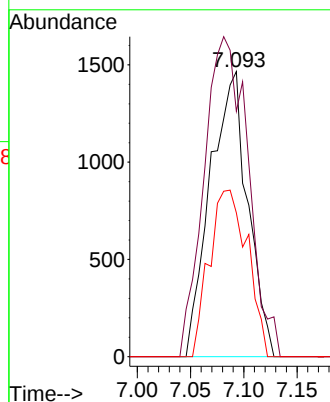
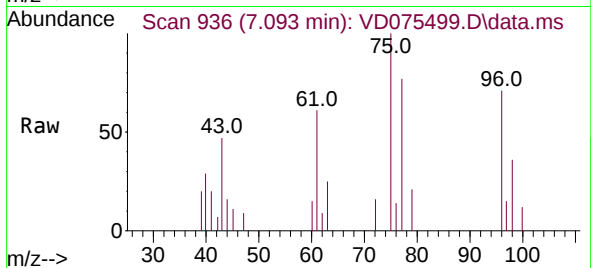
Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	295.2
98	59.4	0.0	129.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#28

Bromochloromethane

Concen: 2.830 ug/l

RT: 7.428 min Scan# 993

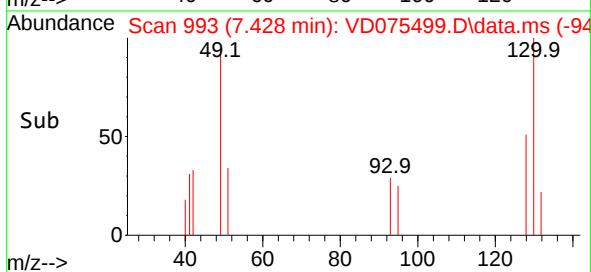
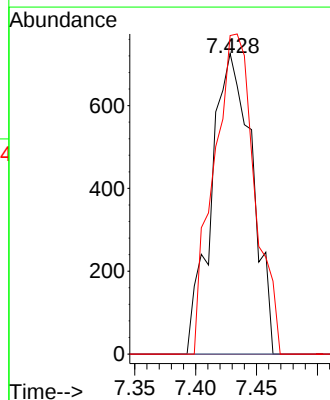
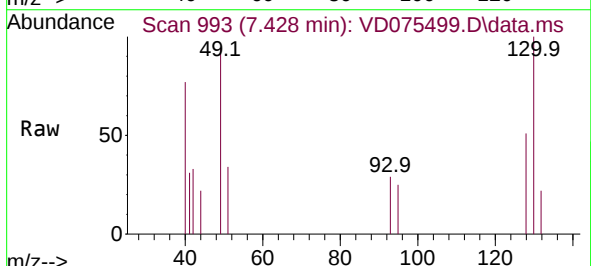
Delta R.T. 0.000 min

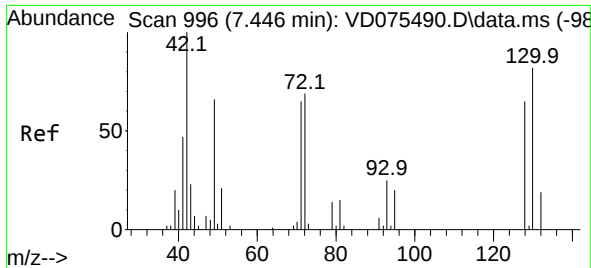
Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Tgt Ion: 49 Resp: 1687

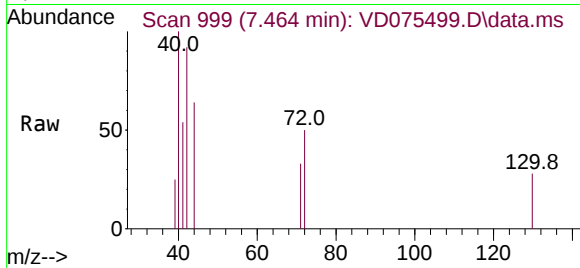
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	107.4	56.0	84.0#





#29
Tetrahydrofuran
Concen: 11.731 ug/l
RT: 7.464 min Scan# 999
Delta R.T. 0.018 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

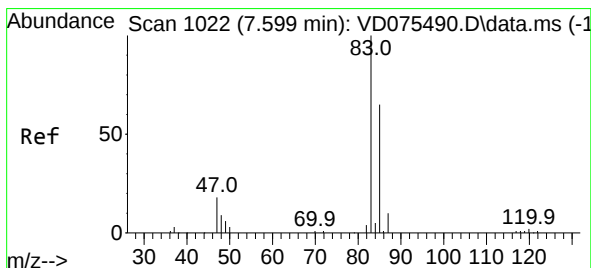
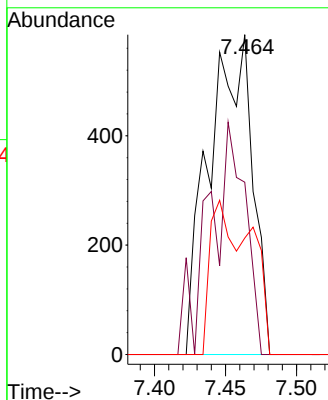
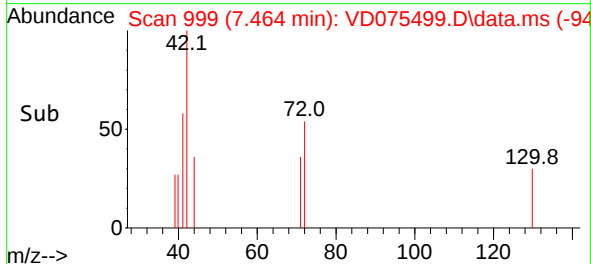
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 42 Resp: 1244
Ion Ratio Lower Upper
42 100
72 60.7 31.8 47.6
71 26.4 27.6 41.4

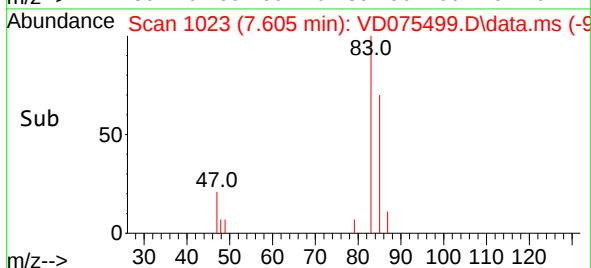
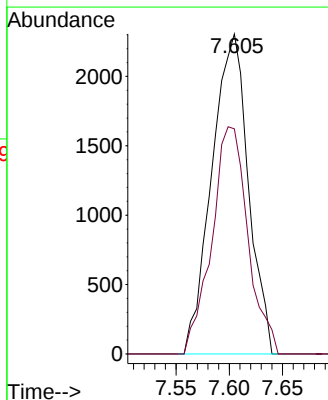
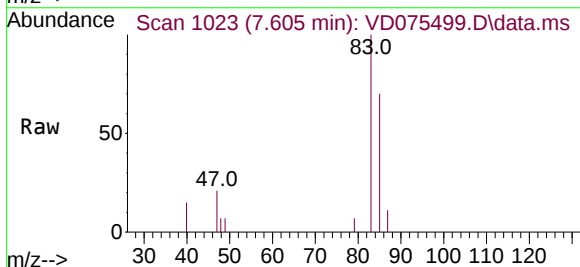
Manual Integrations
APPROVED

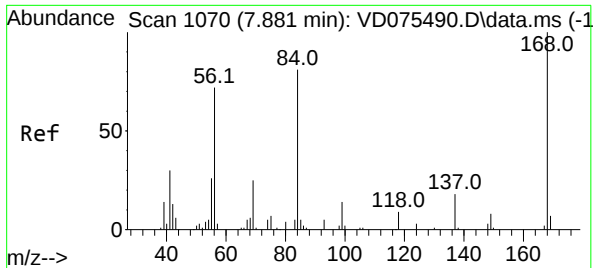
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#30
Chloroform
Concen: 2.679 ug/l
RT: 7.605 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

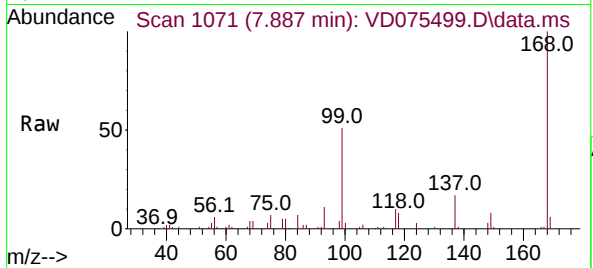
Tgt Ion: 83 Resp: 5501
Ion Ratio Lower Upper
83 100
85 70.3 49.4 74.2





#31
Cyclohexane
Concen: 3.370 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

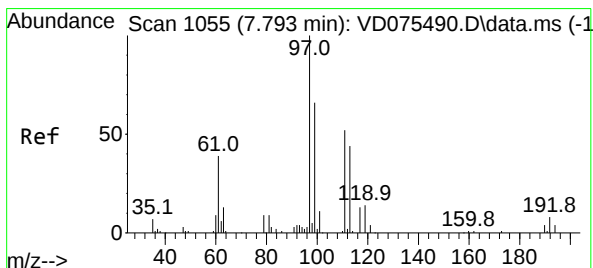
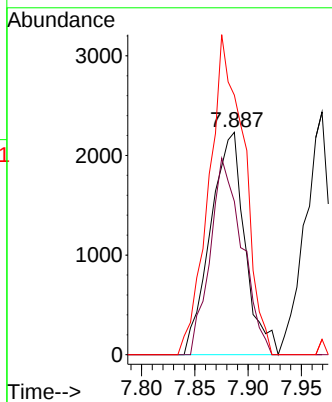
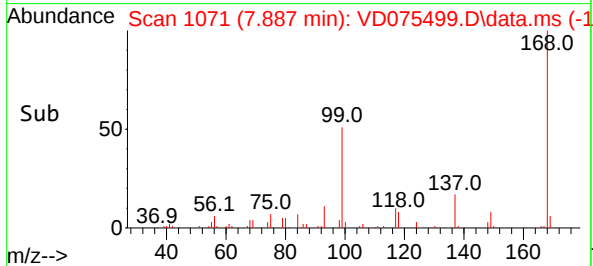
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 56 Resp: 5010
Ion Ratio Lower Upper
56 100
69 68.9 25.5 38.3
84 116.7 69.6 104.4

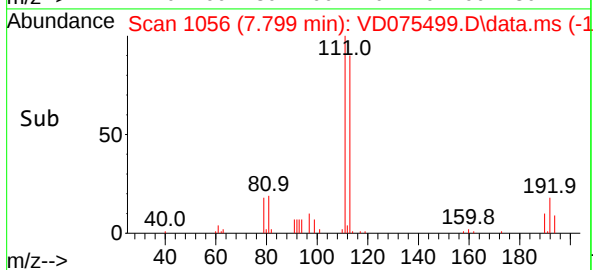
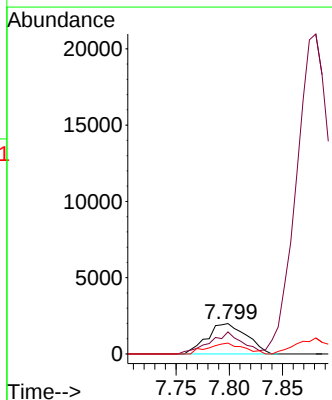
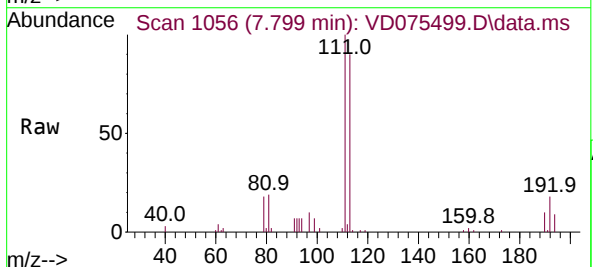
Manual Integrations
APPROVED

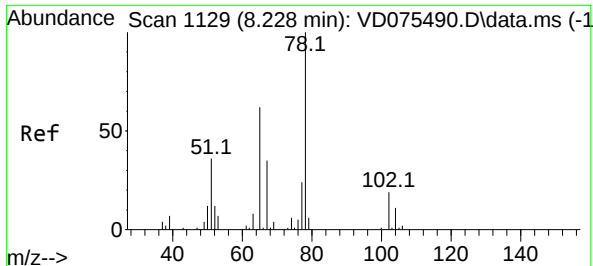
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#32
1,1,1-Trichloroethane
Concen: 2.848 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 97 Resp: 5127
Ion Ratio Lower Upper
97 100
99 60.0 50.5 75.7
61 32.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 60.328 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 65 Resp: 50410

Ion Ratio Lower Upper

65 100

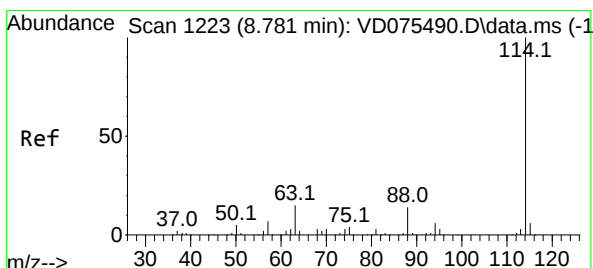
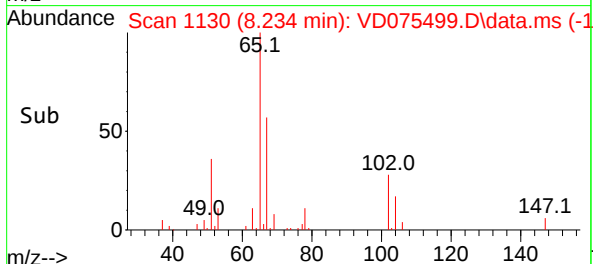
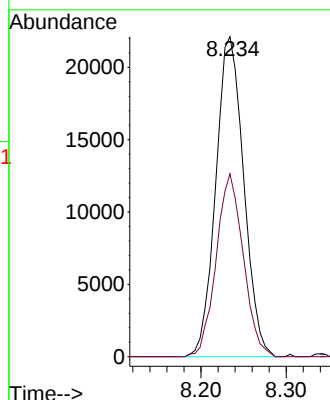
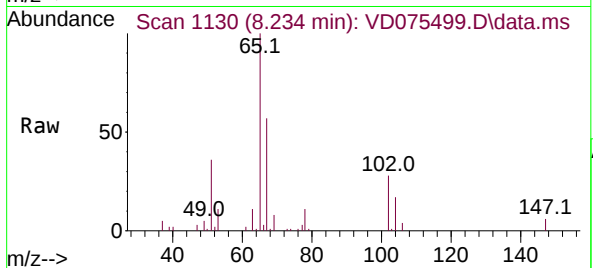
67 55.4 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

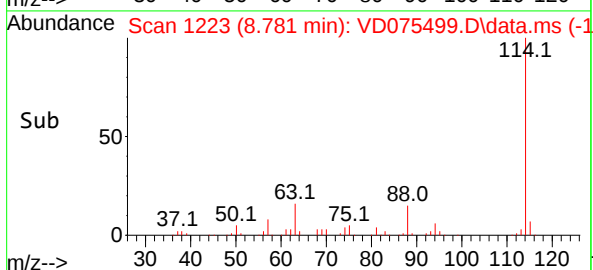
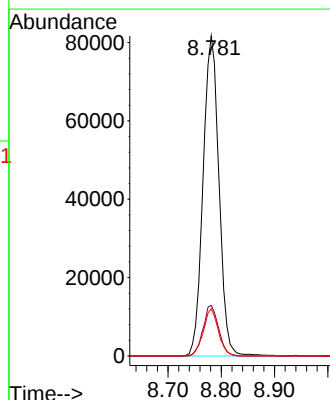
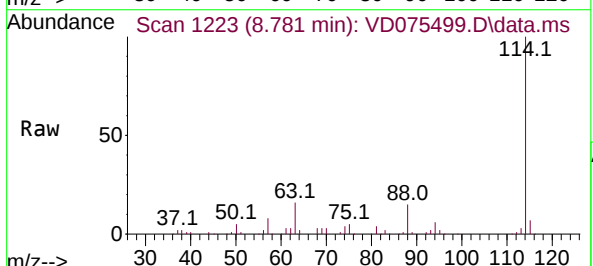
Tgt Ion:114 Resp: 169144

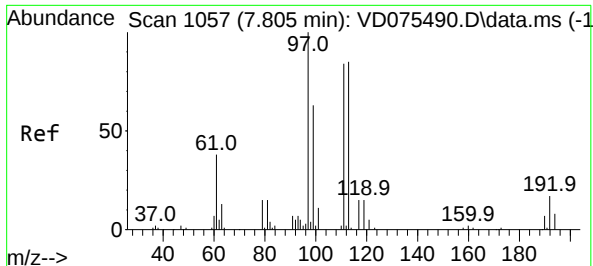
Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.330 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 113 Resp: 6178

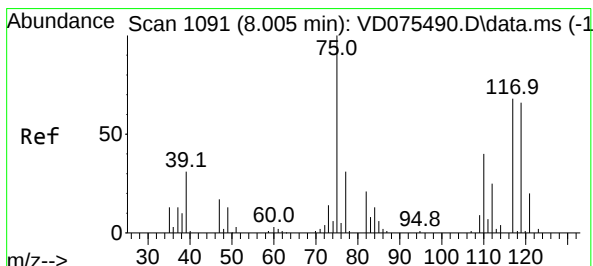
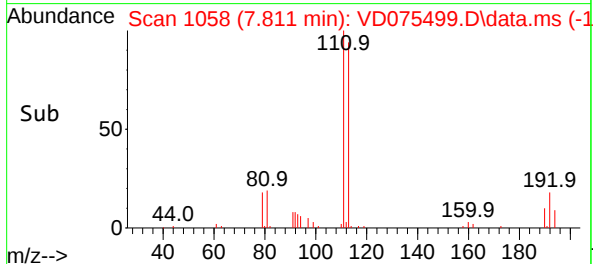
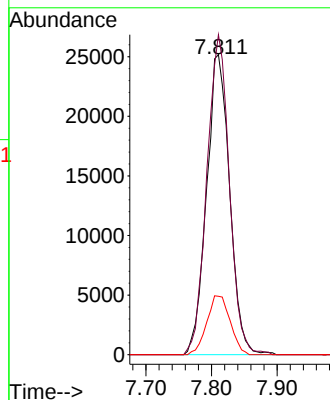
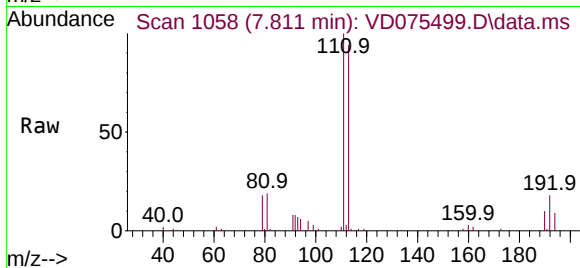
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.4	122.0
192	19.8	15.2	22.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#36

1,1-Dichloropropene

Concen: 2.384 ug/l

RT: 8.005 min Scan# 1091

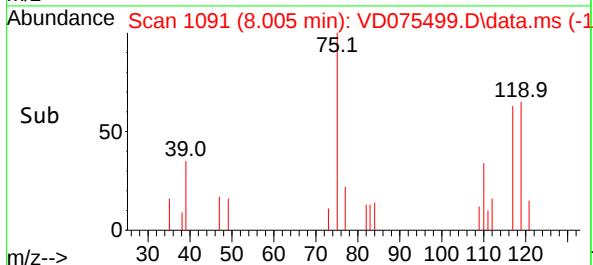
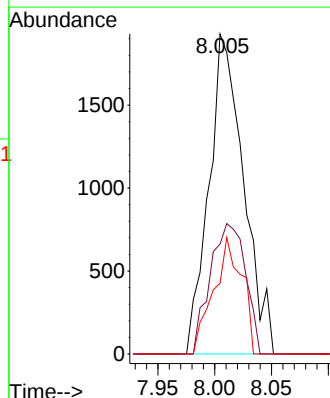
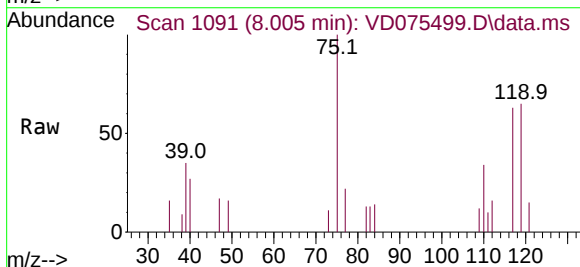
Delta R.T. 0.000 min

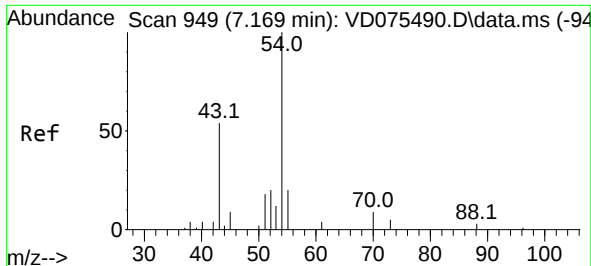
Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Tgt Ion: 75 Resp: 4092

Ion	Ratio	Lower	Upper
75	100		
110	41.5	17.1	51.2
77	29.6	24.6	36.8





#37

Ethyl Acetate

Concen: 2.712 ug/l

RT: 7.164 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075499.D

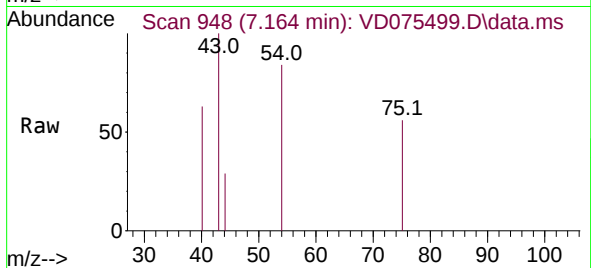
Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



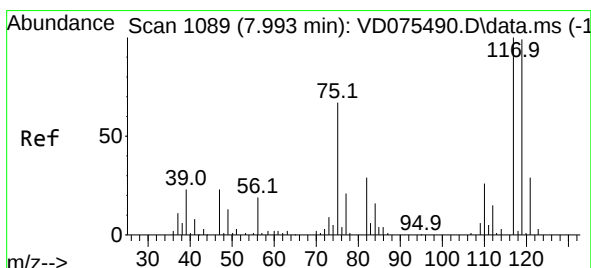
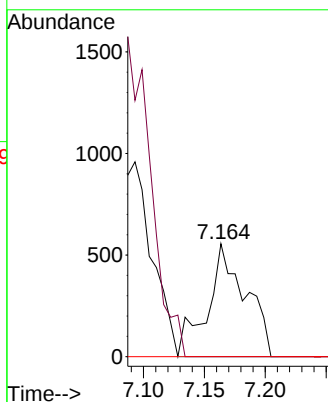
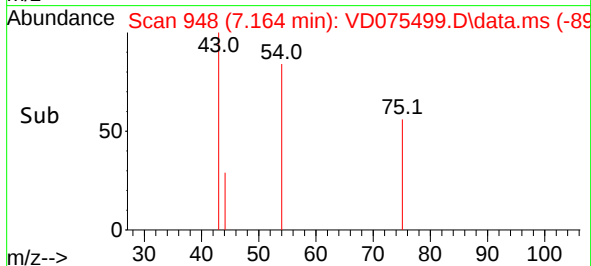
Tgt Ion: 43	Resp: 121
Ion Ratio	Lower Upper
43	100
61	0.0 0.0 0.0
70	0.0 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#38

Carbon Tetrachloride

Concen: 2.069 ug/l

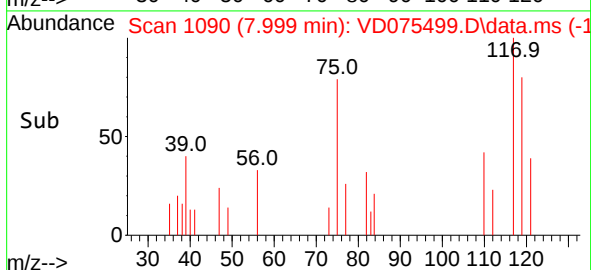
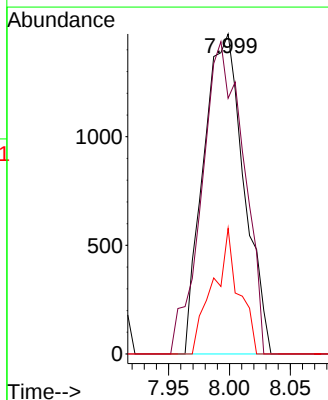
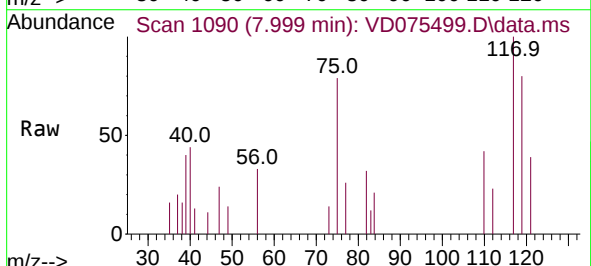
RT: 7.999 min Scan# 1090

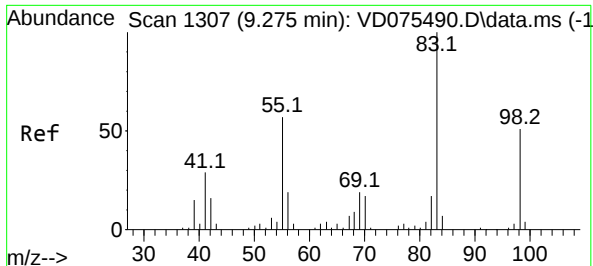
Delta R.T. 0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Tgt Ion:117	Resp: 3404
Ion Ratio	Lower Upper
117	100
119	79.9 74.7 112.1
121	39.2 25.9 38.9





#39

Methylcyclohexane

Concen: 2.220 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

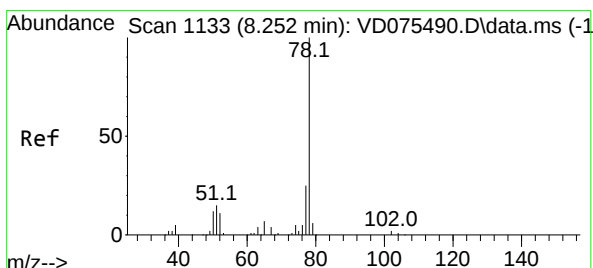
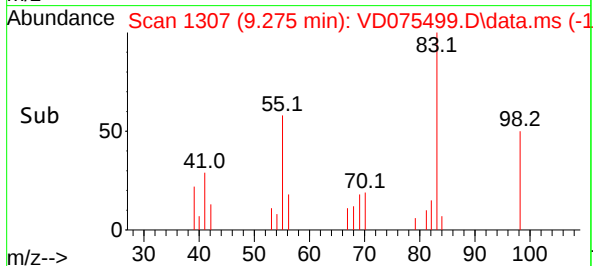
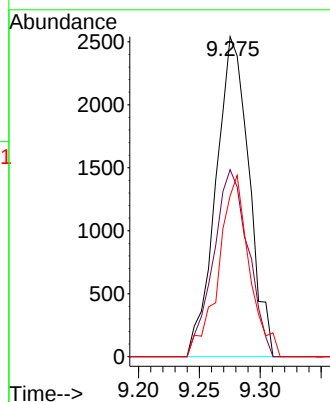
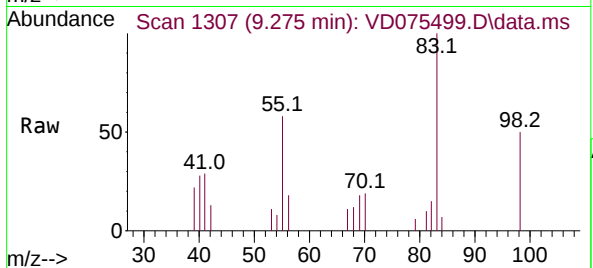
Tgt Ion: 83	Resp: 480
Ion Ratio	Lower Upper
83 100	
55 58.4	56.8 85.2
98 50.3	38.9 58.3

Manual Integrations

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Reviewed By :Krupa Patel 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#40

Benzene

Concen: 2.560 ug/l

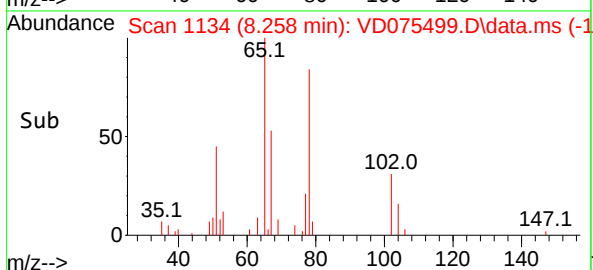
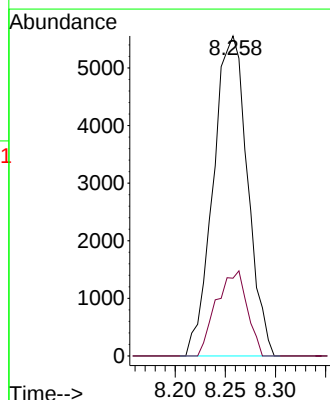
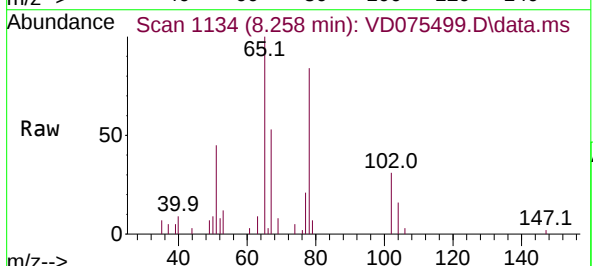
RT: 8.258 min Scan# 1134

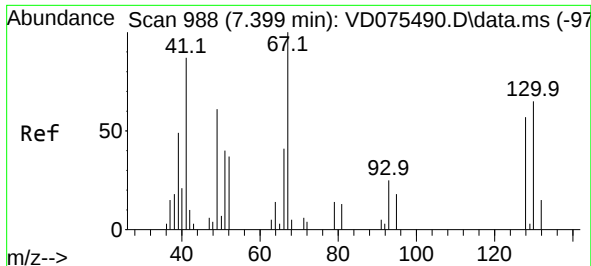
Delta R.T. 0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

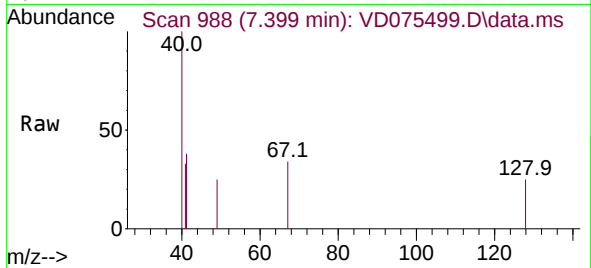
Tgt Ion: 78	Resp: 13169
Ion Ratio	Lower Upper
78 100	
77 24.3	19.1 28.7





#41
Methacrylonitrile
Concen: 2.100 ug/l
RT: 7.399 min Scan# 988
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

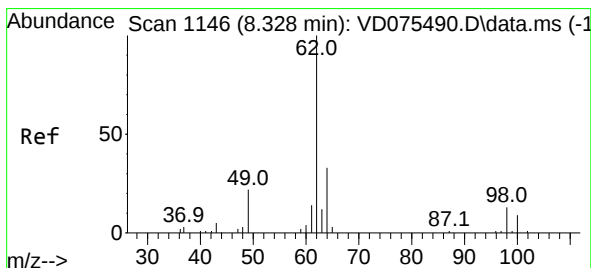
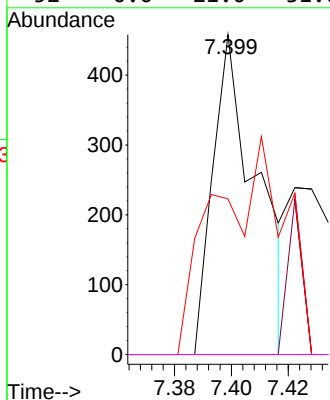
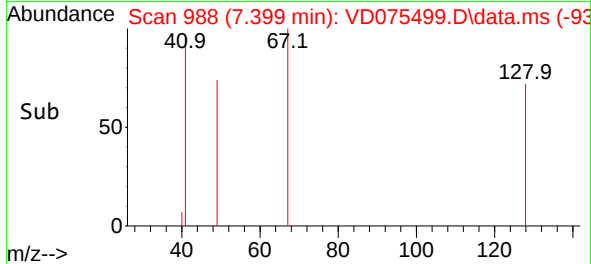
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 41 Resp: 499
Ion Ratio Lower Upper
41 100
39 0.0 45.3 67.9
67 56.2 50.5 75.7
52 0.0 21.0 31.6#

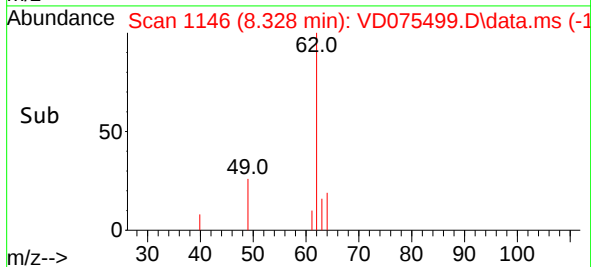
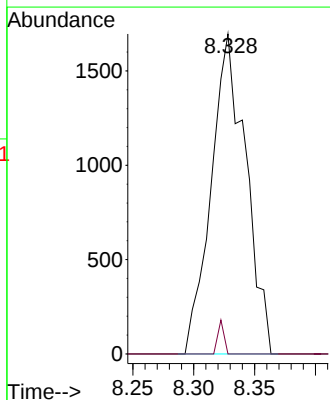
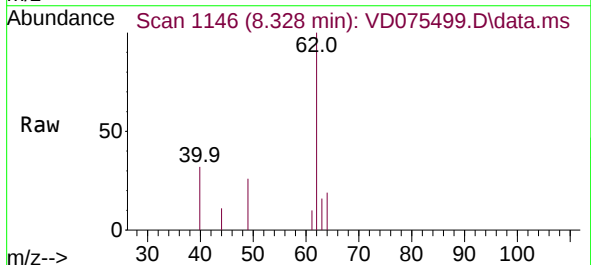
Manual Integrations
APPROVED

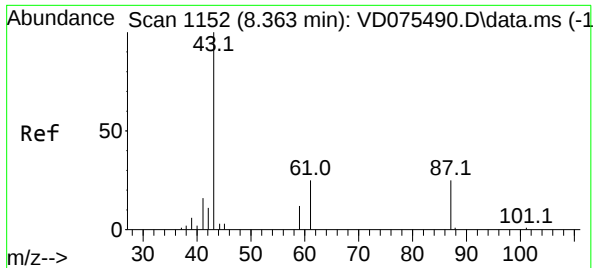
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#42
1,2-Dichloroethane
Concen: 2.962 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

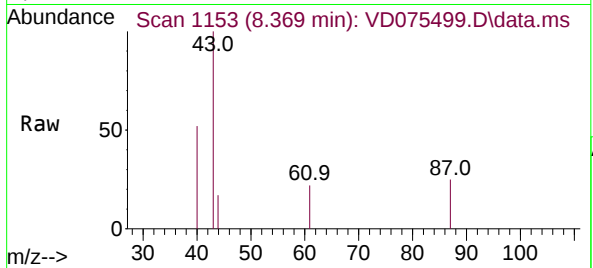
Tgt Ion: 62 Resp: 3355
Ion Ratio Lower Upper
62 100
98 1.9 0.0 18.8





#43
Isopropyl Acetate
Concen: 2.179 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

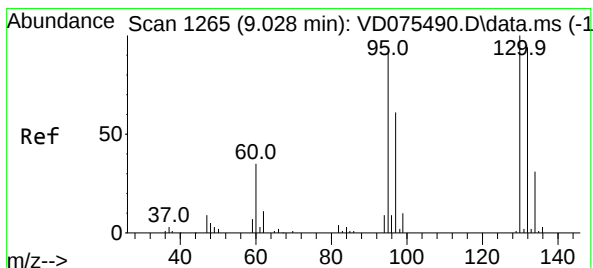
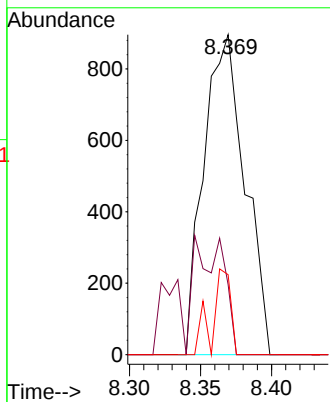
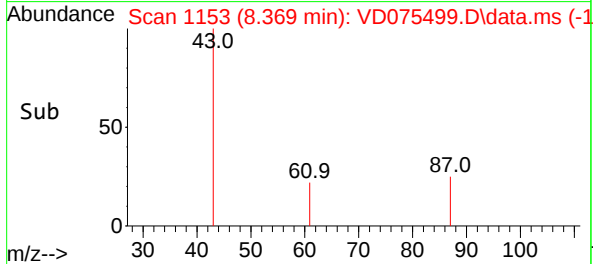
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
61 0.0 23.4 35.0
87 12.0 9.5 14.3

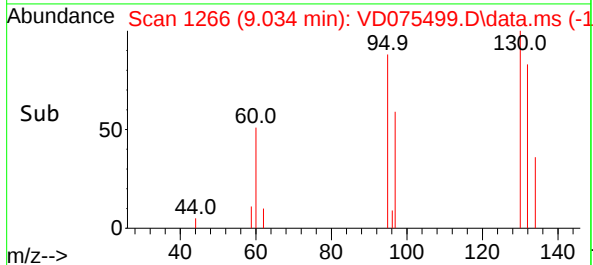
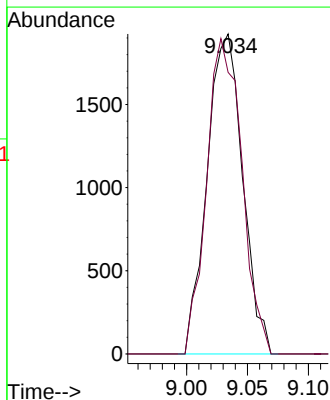
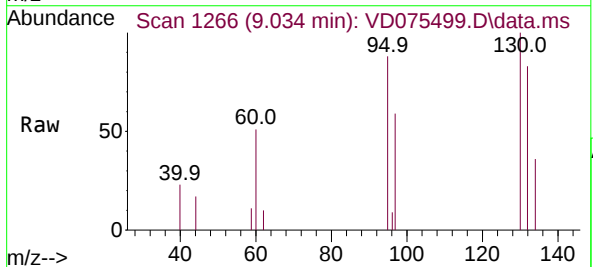
Manual Integrations
APPROVED

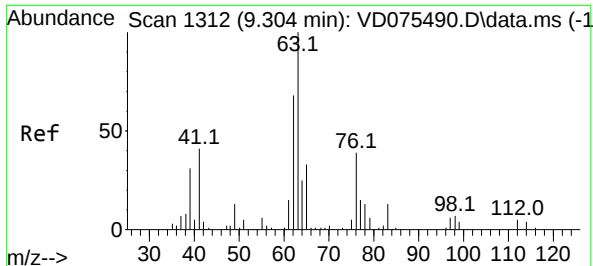
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#44
Trichloroethene
Concen: 2.586 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:130 Resp: 3910
Ion Ratio Lower Upper
130 100
95 88.0 0.0 197.6





#45

1,2-Dichloropropane

Concen: 2.383 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

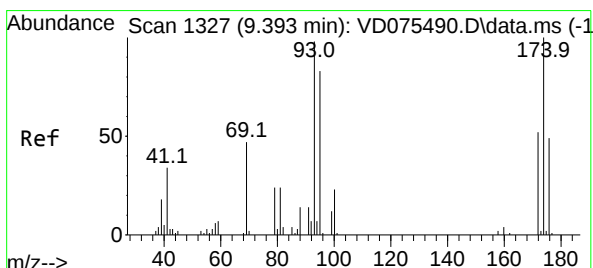
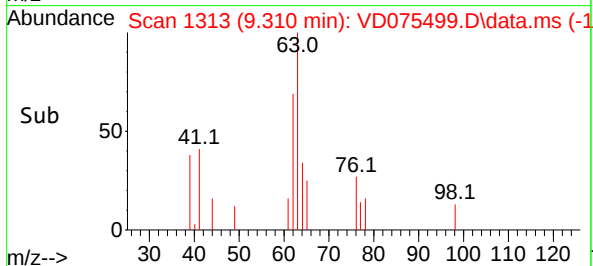
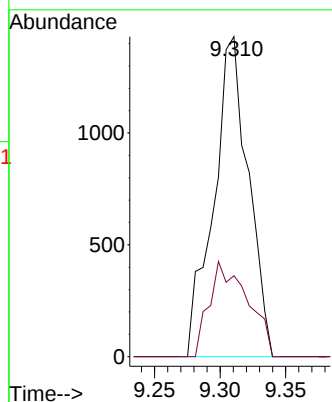
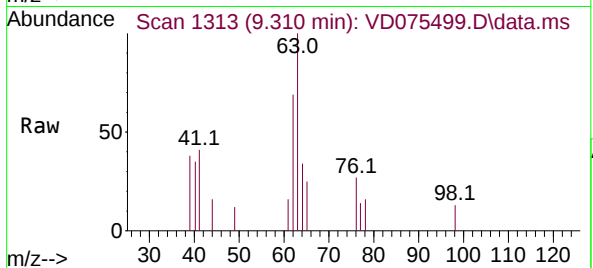
Tgt Ion: 63 Resp: 2630
 Ion Ratio Lower Upper
 63 100
 65 25.3 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#46

Dibromomethane

Concen: 2.718 ug/l

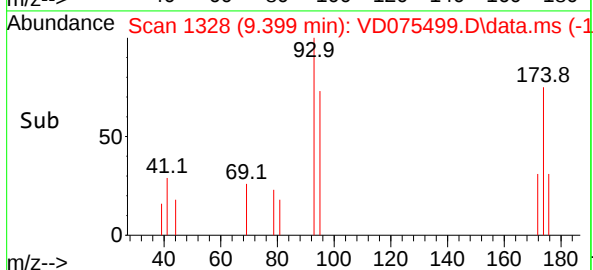
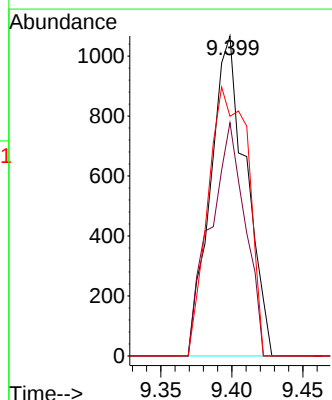
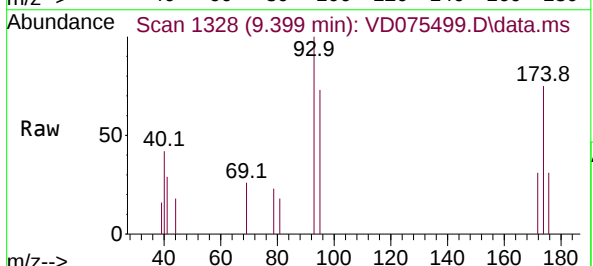
RT: 9.399 min Scan# 1328

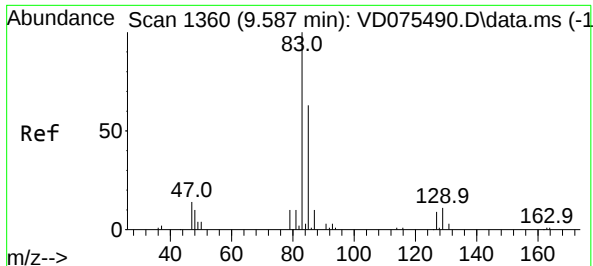
Delta R.T. 0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

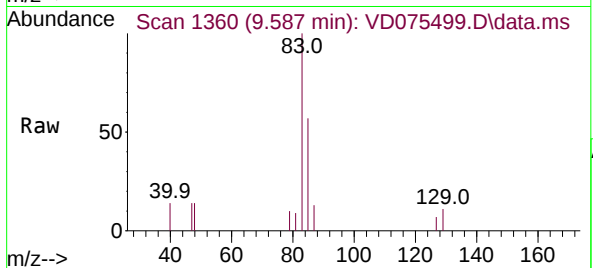
Tgt Ion: 93 Resp: 1853
 Ion Ratio Lower Upper
 93 100
 95 72.0 64.5 96.7
 174 94.4 76.2 114.4





#47
Bromodichloromethane
Concen: 2.497 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

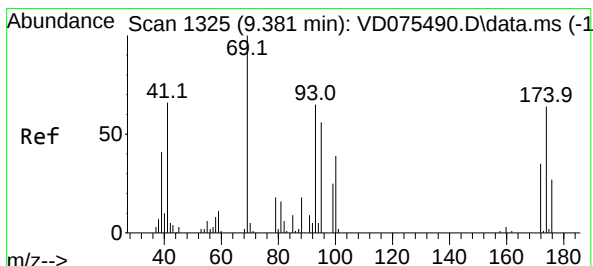
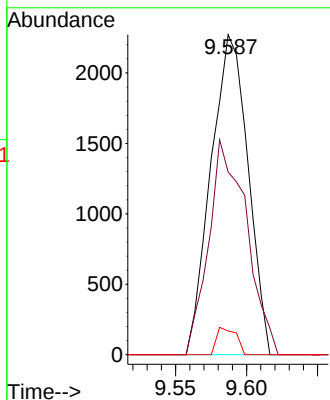
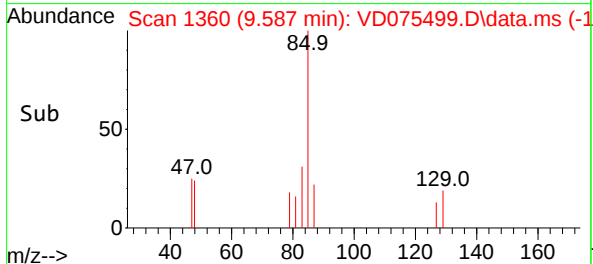
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 83 Resp: 412
Ion Ratio Lower Upper
83 100
85 57.1 53.7 80.5
127 7.4 7.0 10.6

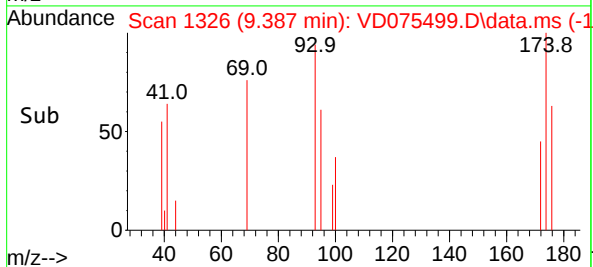
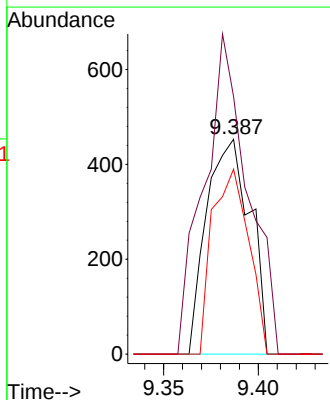
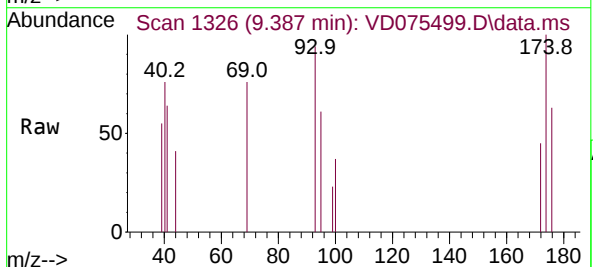
Manual Integrations
APPROVED

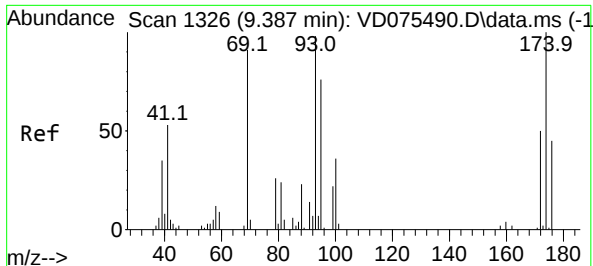
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#48
Methyl methacrylate
Concen: 1.862 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion: 41 Resp: 724
Ion Ratio Lower Upper
41 100
69 149.7 58.6 88.0#
39 72.0 53.4 80.0





#49

1,4-Dioxane

Concen: 8.732 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD075499.D

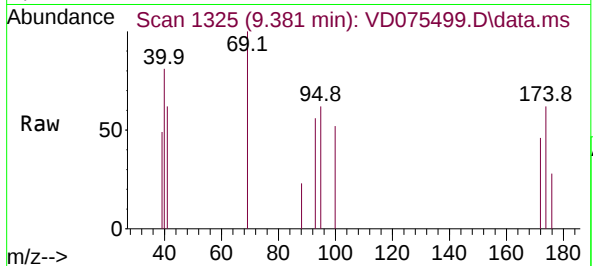
Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 88 Resp: 54

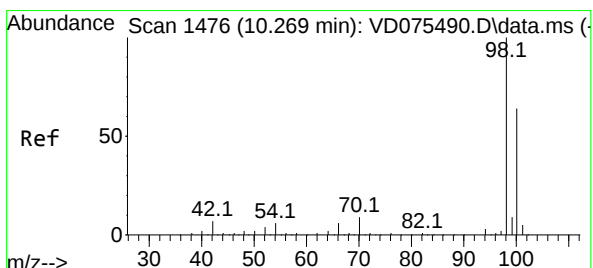
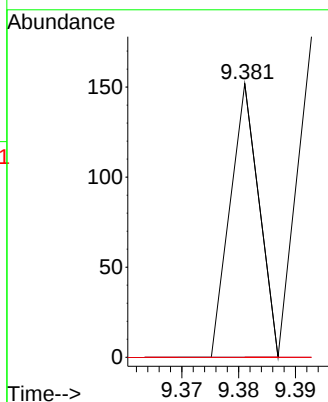
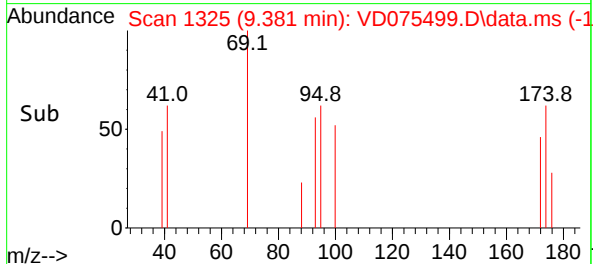
Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.6	51.8
58	0.0	58.0	87.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#50

Toluene-d8

Concen: 53.616 ug/l

RT: 10.269 min Scan# 1476

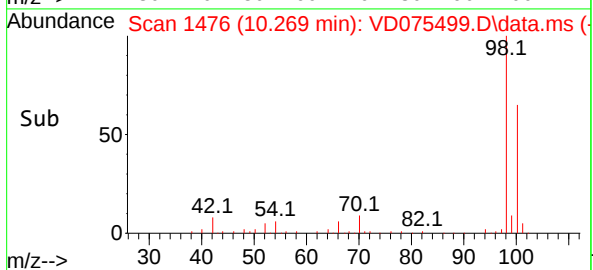
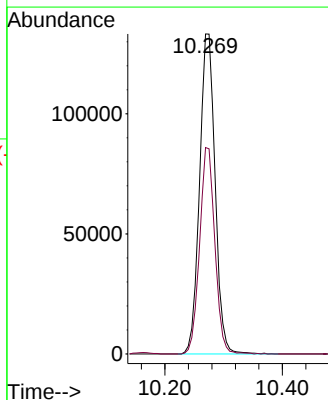
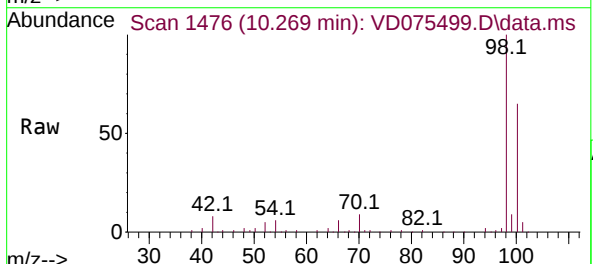
Delta R.T. 0.000 min

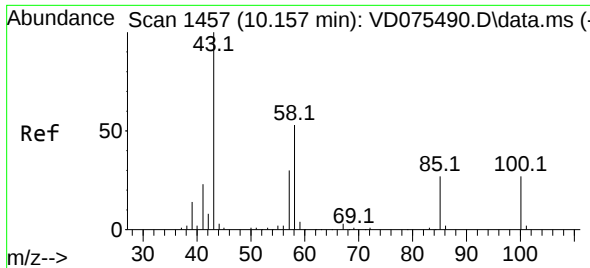
Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Tgt Ion: 98 Resp: 245370

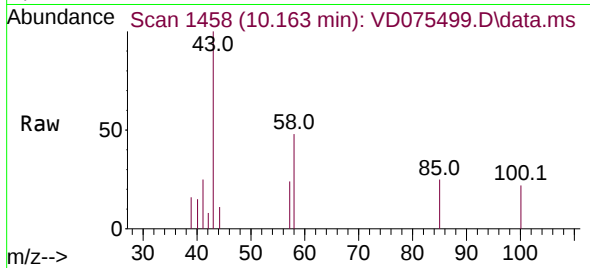
Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 10.284 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

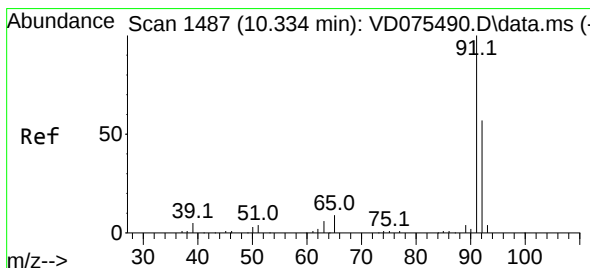
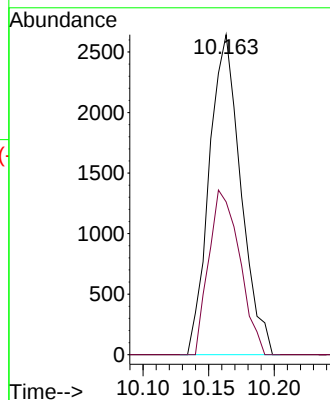
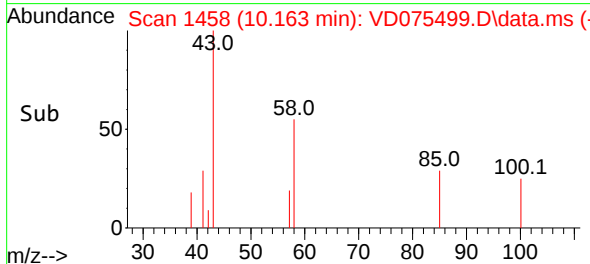
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



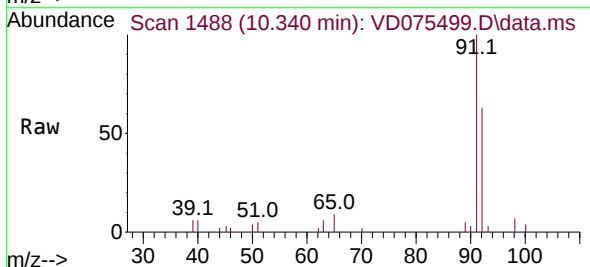
Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
58 50.3 29.5 44.3

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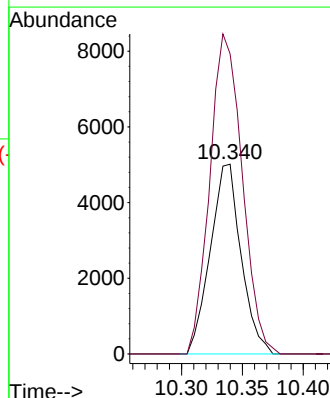
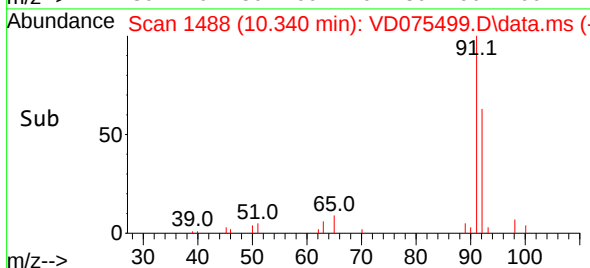
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

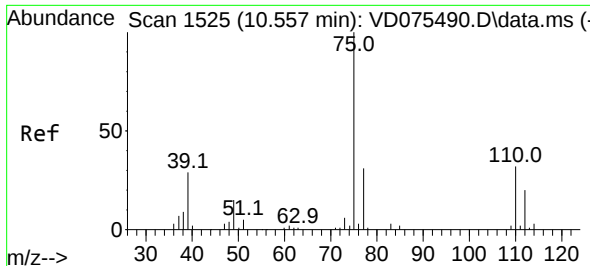


#52
Toluene
Concen: 2.648 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



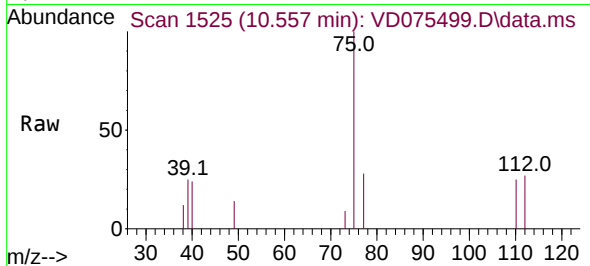
Tgt Ion: 92 Resp: 8830
Ion Ratio Lower Upper
92 100
91 177.3 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 2.566 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

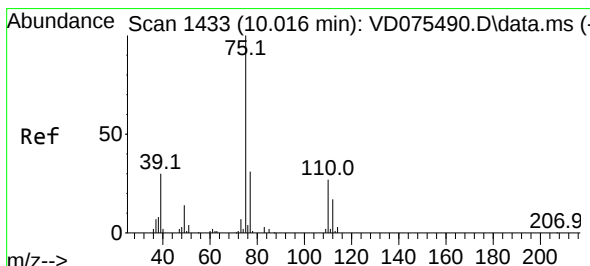
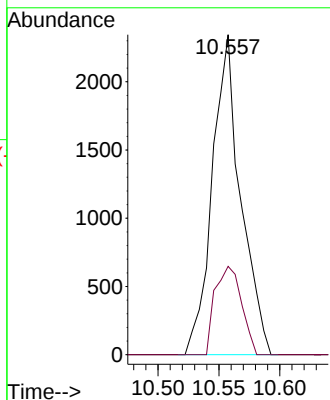
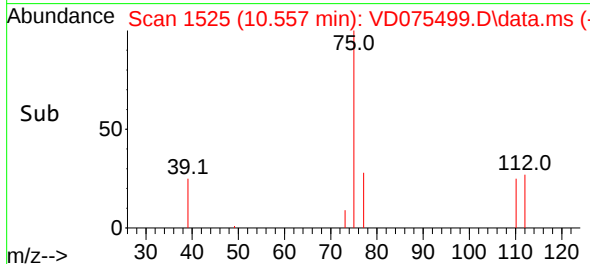
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



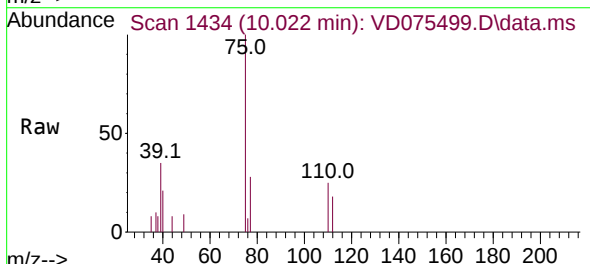
Tgt Ion: 75 Resp: 3810
Ion Ratio Lower Upper
75 100
77 27.6 26.3 39.5

Manual Integrations
APPROVED

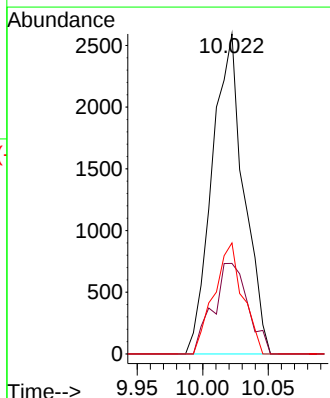
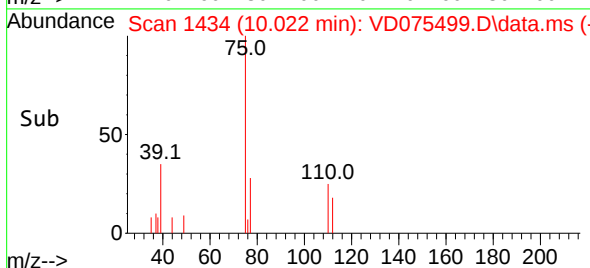
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

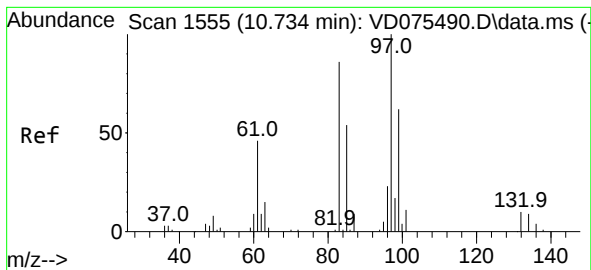


#54
cis-1,3-Dichloropropene
Concen: 2.395 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



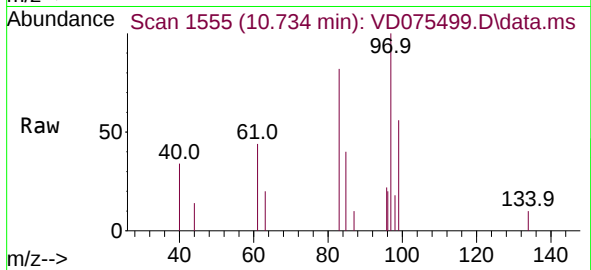
Tgt Ion: 75 Resp: 4367
Ion Ratio Lower Upper
75 100
77 28.3 25.6 38.4
39 34.7 44.8 67.2#





#55
1,1,2-Trichloroethane
Concen: 2.787 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

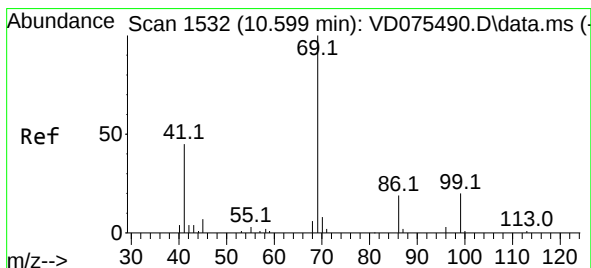
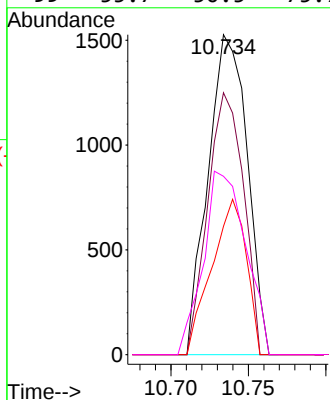
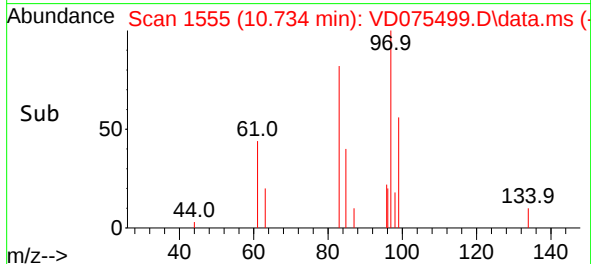
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



Tgt Ion:	97	Resp:	2690
Ion	Ratio	Lower	Upper
97	100		
83	81.9	74.2	111.4
85	40.1	45.4	68.0
99	55.7	50.5	75.7

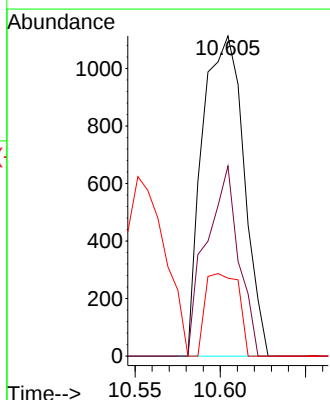
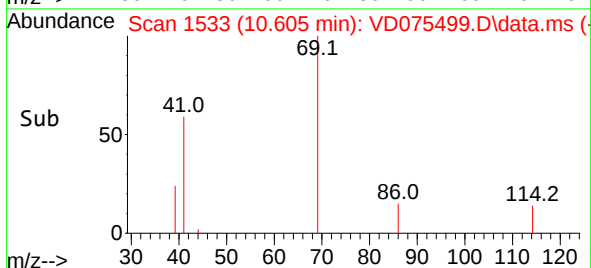
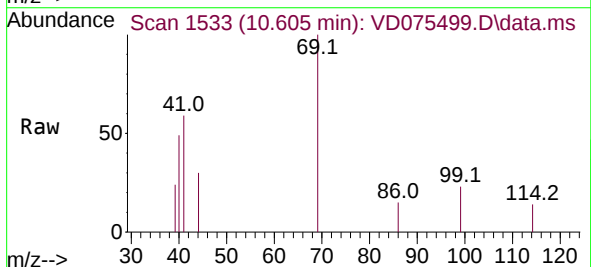
Manual Integrations
APPROVED

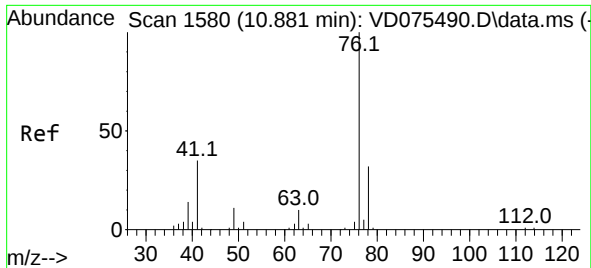
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#56
Ethyl methacrylate
Concen: 2.046 ug/l
RT: 10.605 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:	69	Resp:	1880
Ion	Ratio	Lower	Upper
69	100		
41	46.6	59.3	88.9
39	20.6	36.0	54.0





#57

1,3-Dichloropropane

Concen: 2.584 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 76 Resp: 383

Ion Ratio Lower Upper

76 100

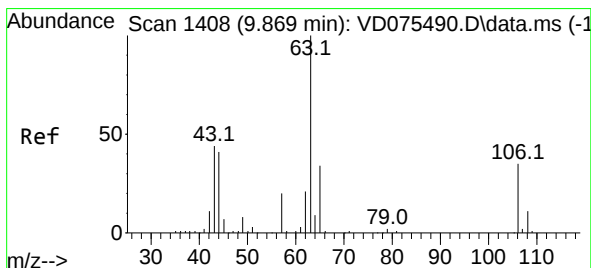
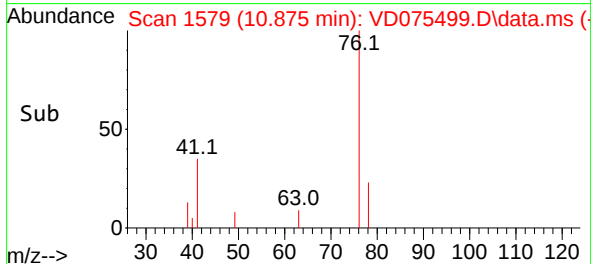
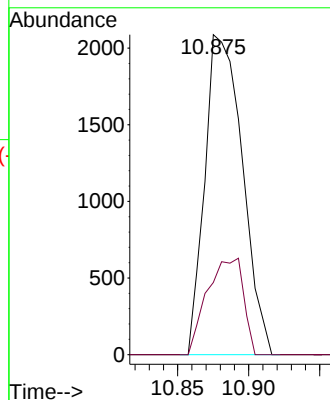
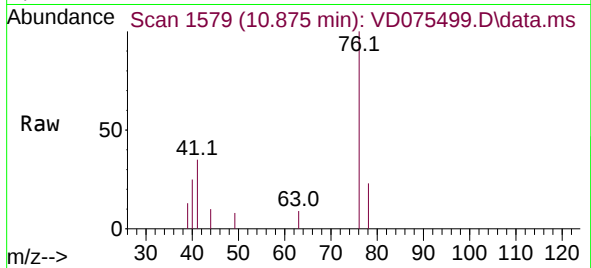
78 28.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 10.445 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075499.D

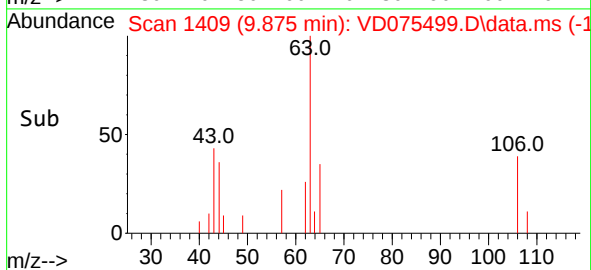
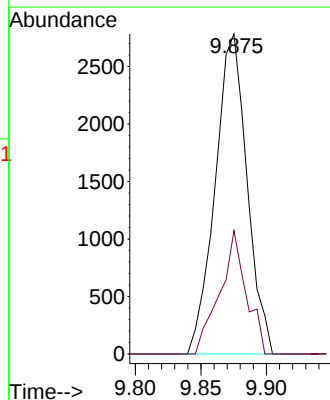
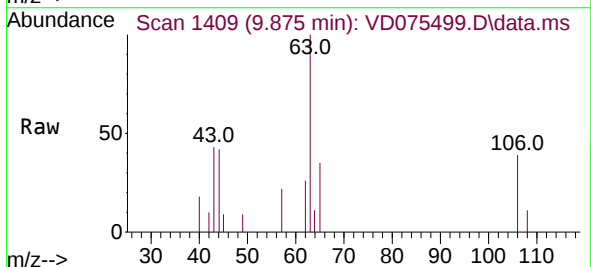
Acq: 10 Mar 2023 18:22

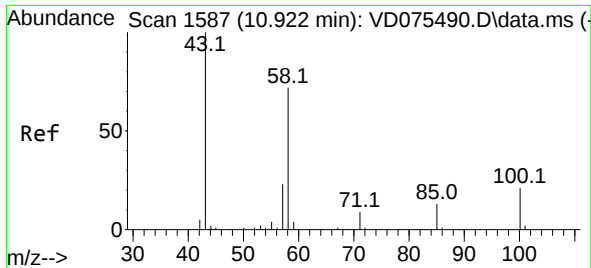
Tgt Ion: 63 Resp: 4697

Ion Ratio Lower Upper

63 100

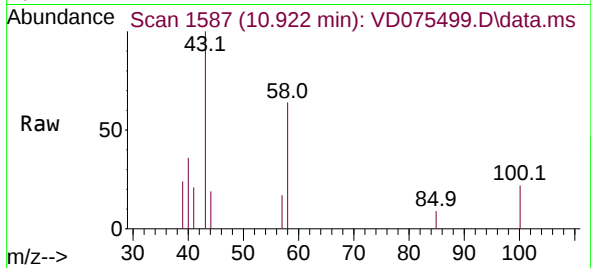
106 32.0 21.4 32.2





#59
2-Hexanone
Concen: 9.977 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

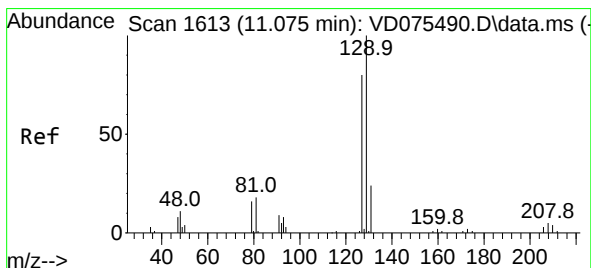
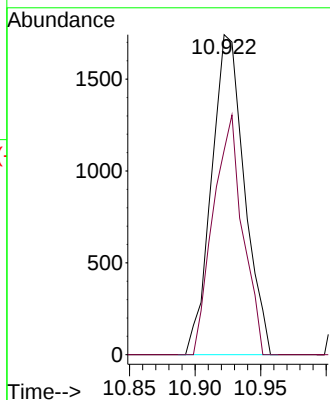
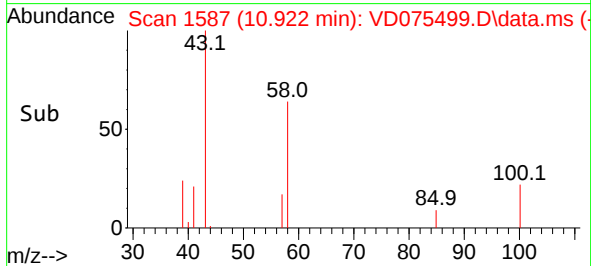
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
58 67.2 25.3 75.8

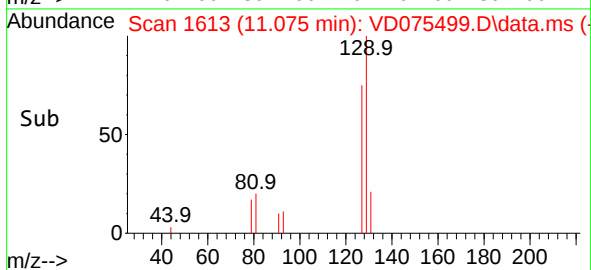
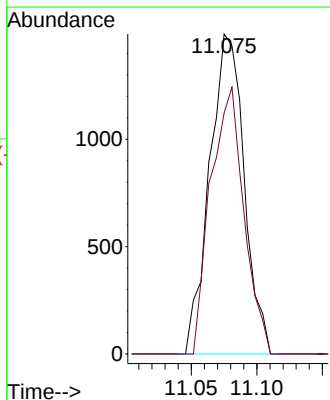
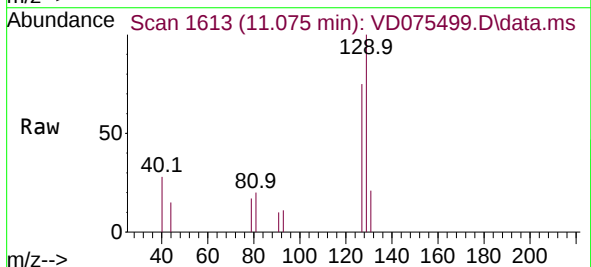
Manual Integrations
APPROVED

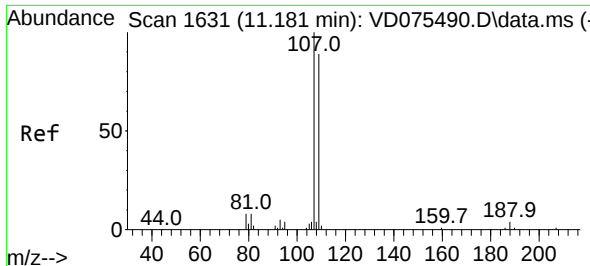
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#60
Dibromochloromethane
Concen: 2.395 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:129 Resp: 2731
Ion Ratio Lower Upper
129 100
127 80.1 38.1 114.5





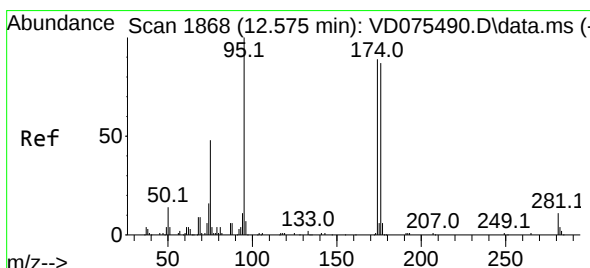
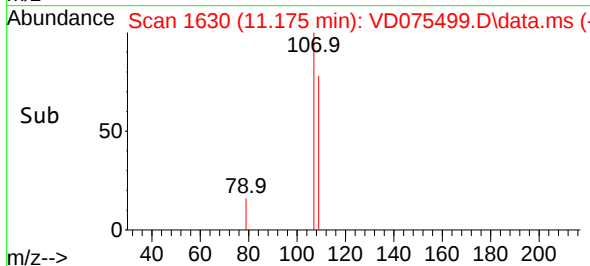
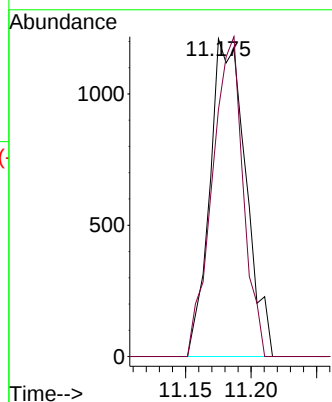
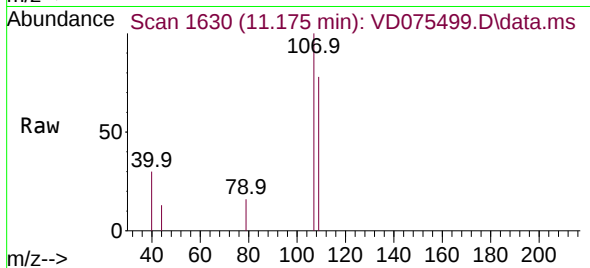
#61
1,2-Dibromoethane
Concen: 2.525 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:107 Resp: 229
Ion Ratio Lower Upper
107 100
109 86.7 73.6 110.4

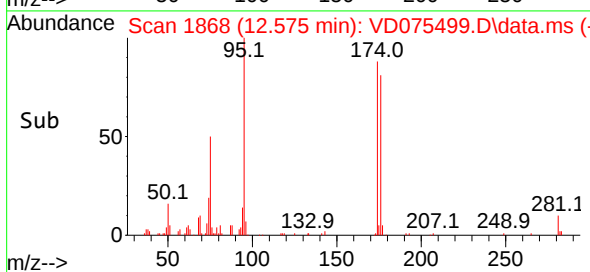
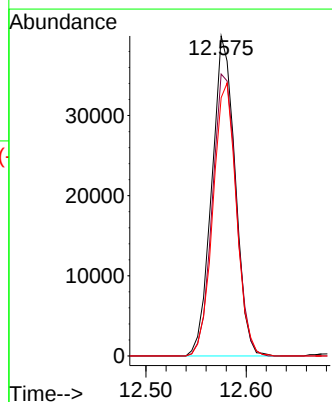
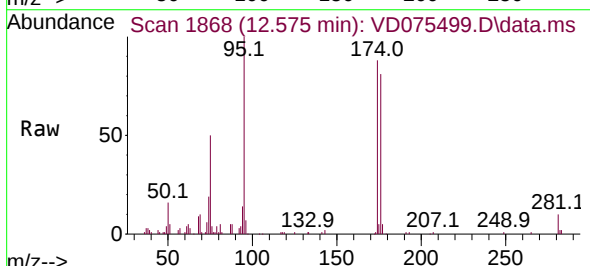
Manual Integrations
APPROVED

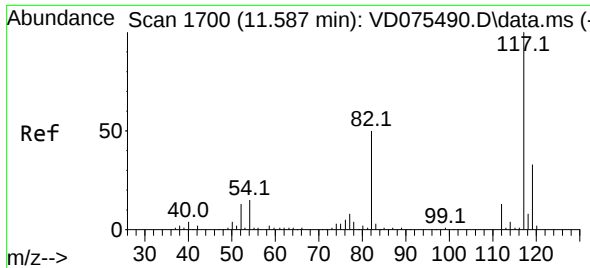
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#62
4-Bromofluorobenzene
Concen: 48.688 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

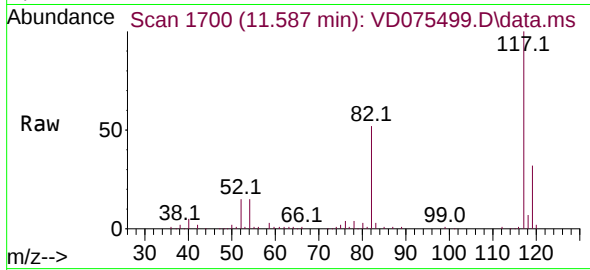
Tgt Ion: 95 Resp: 64413
Ion Ratio Lower Upper
95 100
174 90.0 0.0 164.0
176 85.4 0.0 156.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

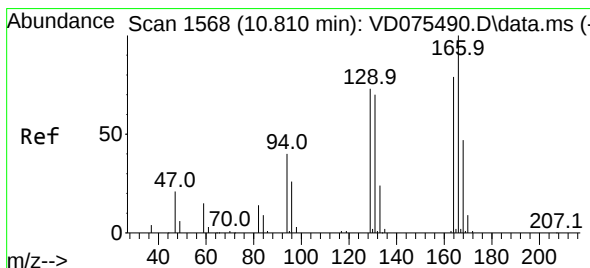
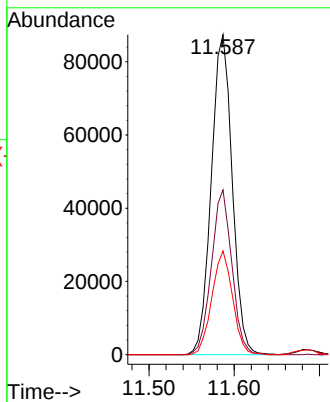
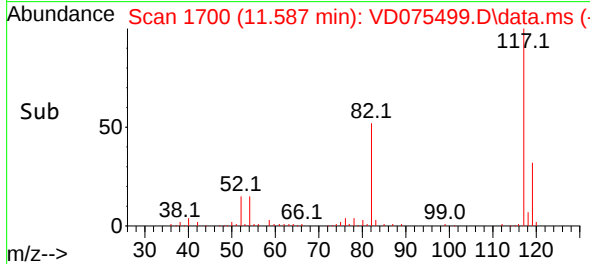
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion:117 Resp: 14936
Ion Ratio Lower Upper
117 100
82 51.5 44.0 66.0
119 32.4 25.1 37.7

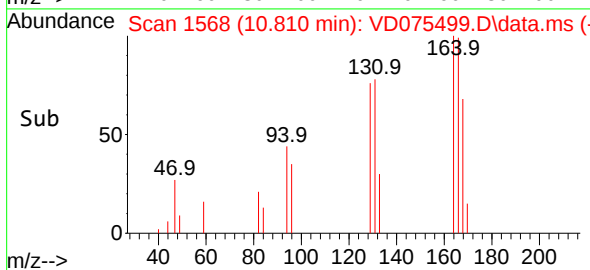
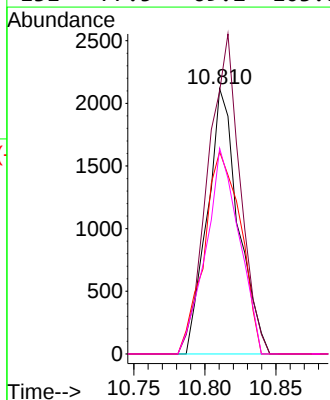
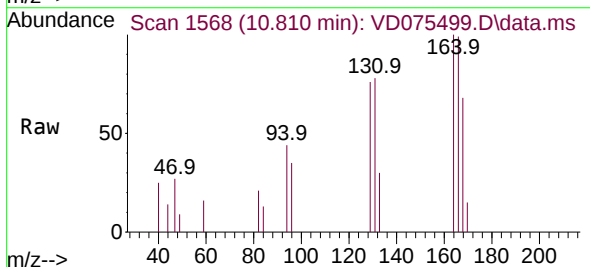
Manual Integrations
APPROVED

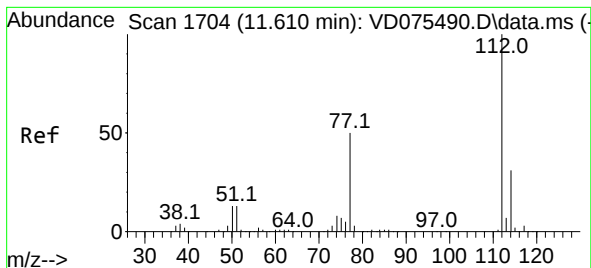
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#64
Tetrachloroethene
Concen: 2.720 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

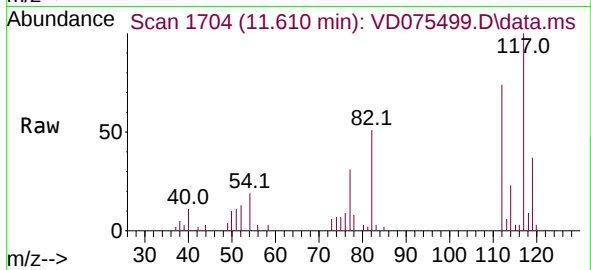
Tgt Ion:164 Resp: 3206
Ion Ratio Lower Upper
164 100
166 99.1 94.9 142.3
129 76.2 73.0 109.6
131 77.5 69.2 103.8





#65
Chlorobenzene
Concen: 2.764 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

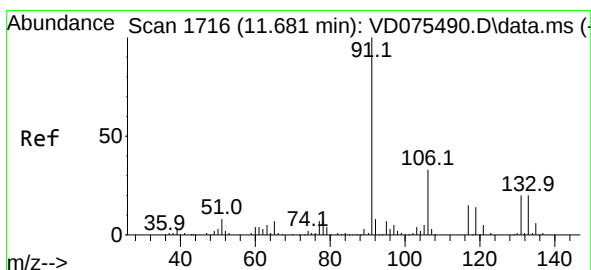
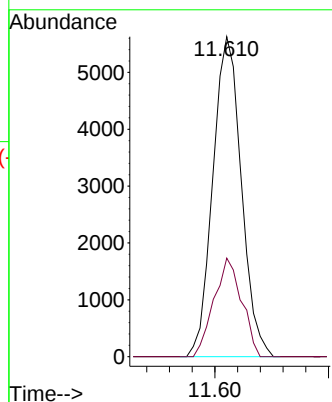
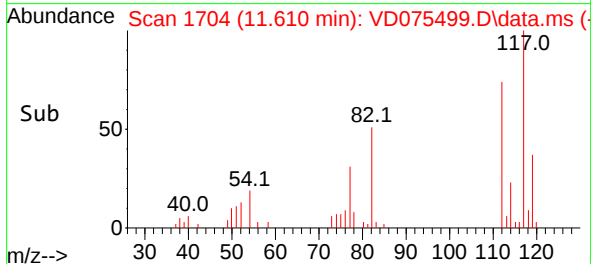
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



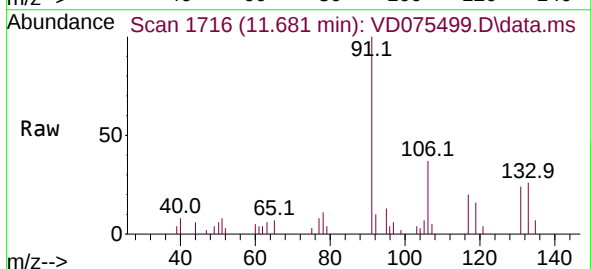
Tgt Ion:112 Resp: 9790
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8

Manual Integrations
APPROVED

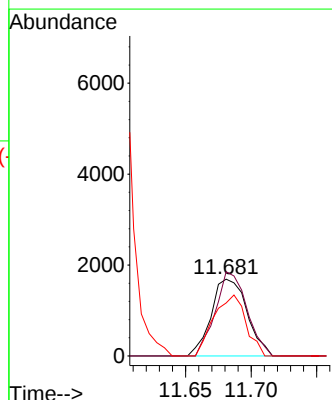
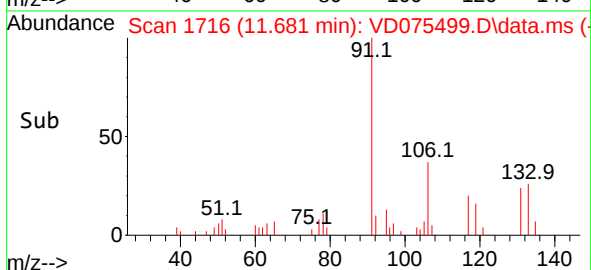
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

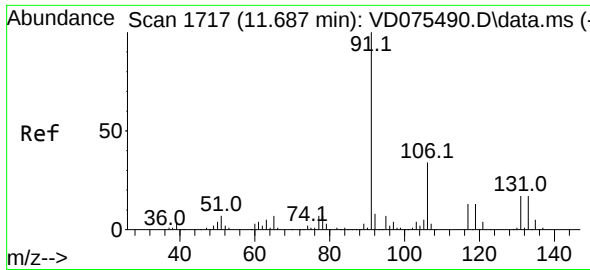


#66
1,1,1,2-Tetrachloroethane
Concen: 2.646 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



Tgt Ion:131 Resp: 3211
Ion Ratio Lower Upper
131 100
133 96.4 46.7 140.0
119 71.2 31.9 95.9





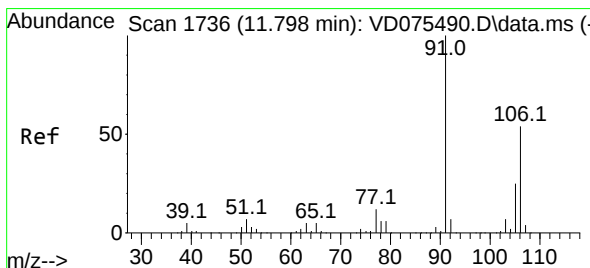
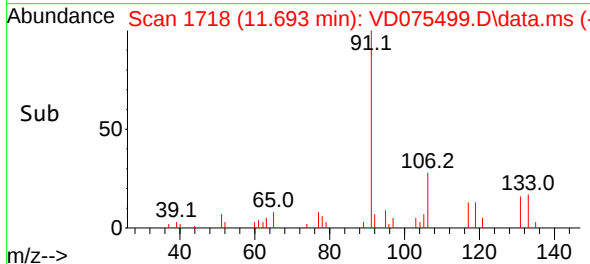
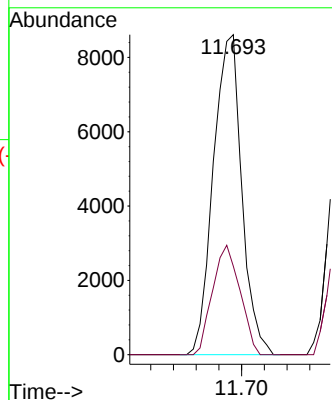
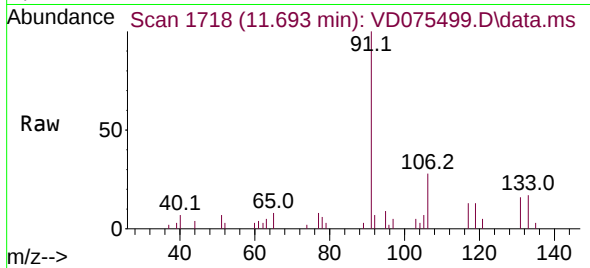
#67
Ethyl Benzene
Concen: 2.449 ug/l
RT: 11.693 min Scan# 1718
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 91 Resp: 14939
Ion Ratio Lower Upper
91 100
106 27.7 24.5 36.7

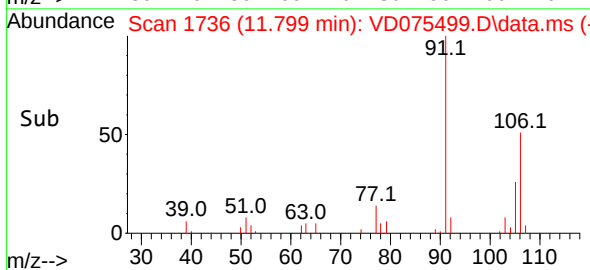
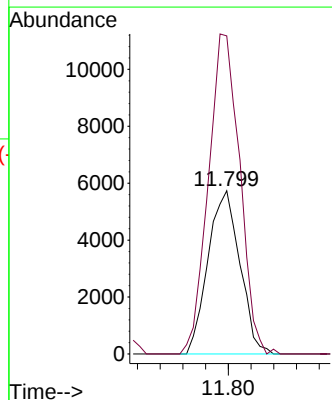
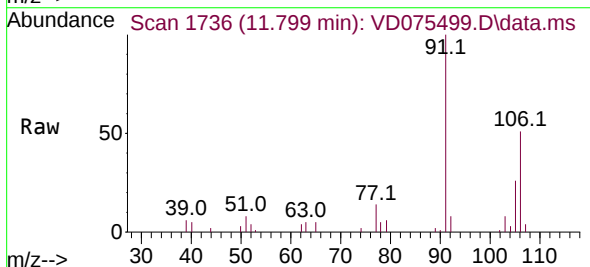
Manual Integrations
APPROVED

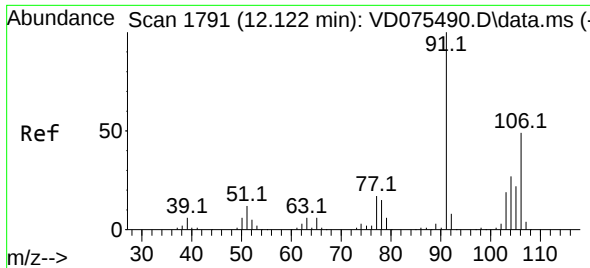
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#68
m/p-Xylenes
Concen: 4.559 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Tgt Ion:106 Resp: 11178
Ion Ratio Lower Upper
106 100
91 193.0 161.5 242.3





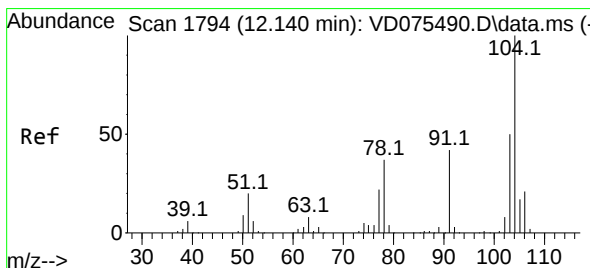
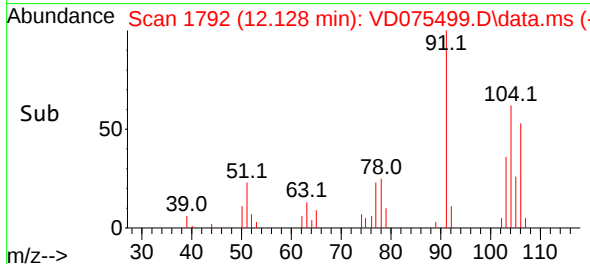
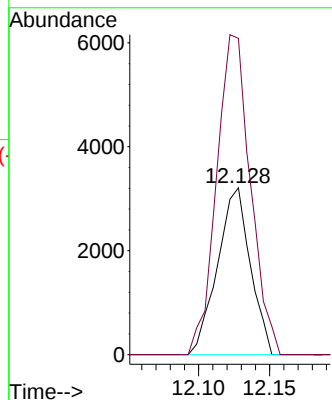
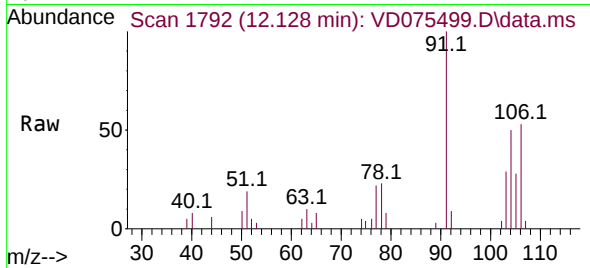
#69
o-Xylene
Concen: 2.263 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:106 Resp: 5154
Ion Ratio Lower Upper
106 100
91 198.2 105.7 317.1

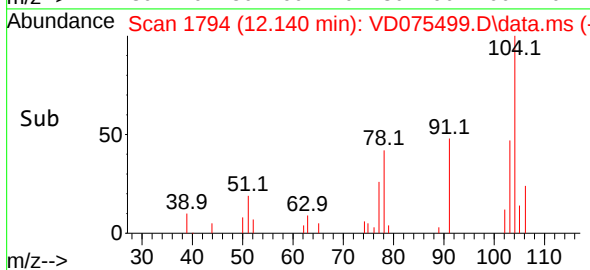
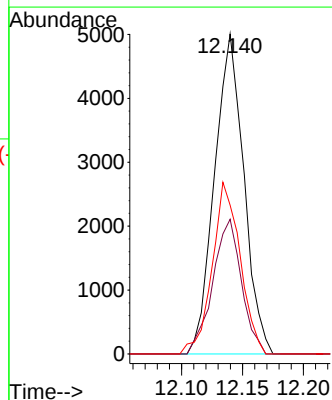
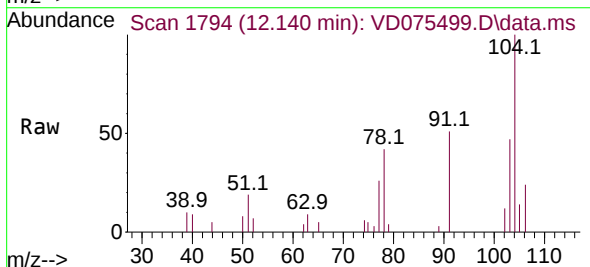
Manual Integrations
APPROVED

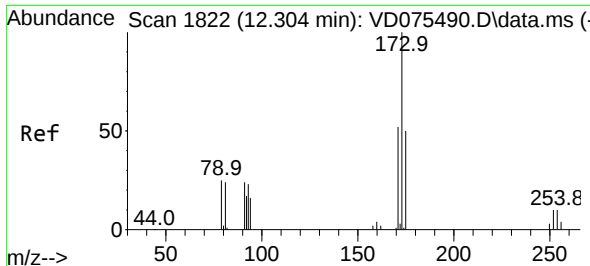
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#70
Styrene
Concen: 2.210 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

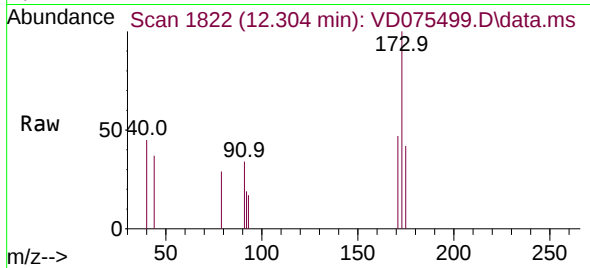
Tgt Ion:104 Resp: 8373
Ion Ratio Lower Upper
104 100
78 41.2 40.2 60.4
103 51.1 44.2 66.2





#71
Bromoform
Concen: 2.316 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

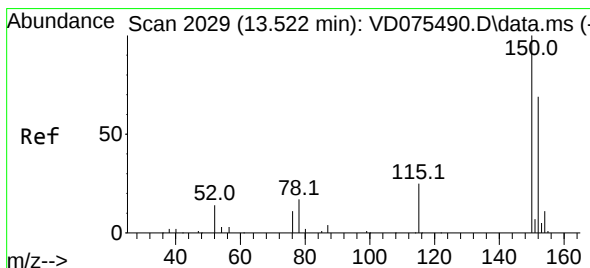
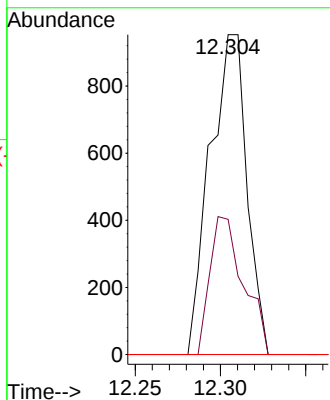
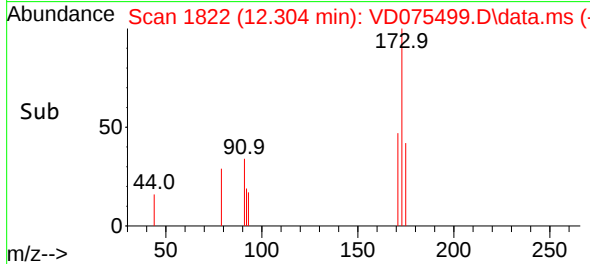
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



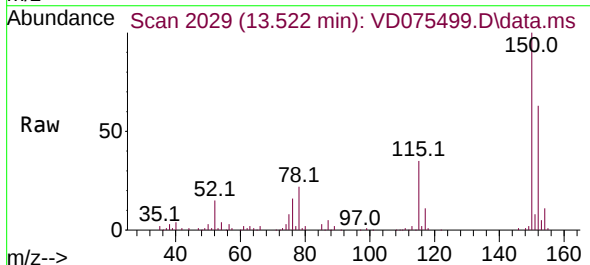
Tgt Ion:173 Resp: 1435
Ion Ratio Lower Upper
173 100
175 39.3 23.5 70.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

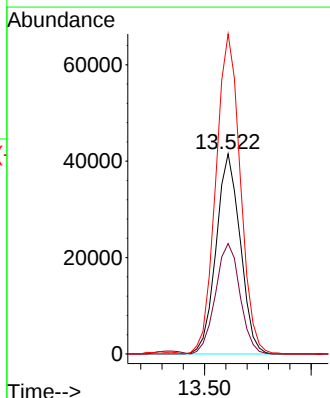
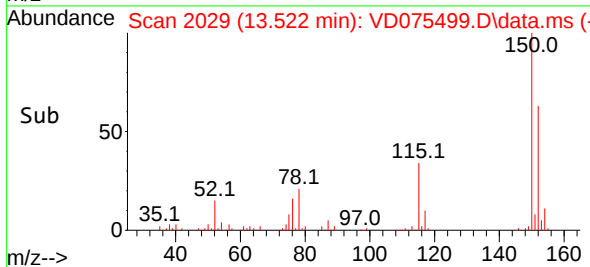
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

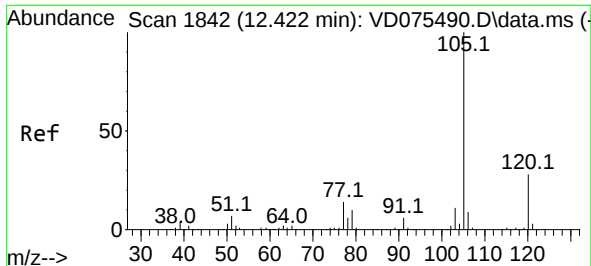


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



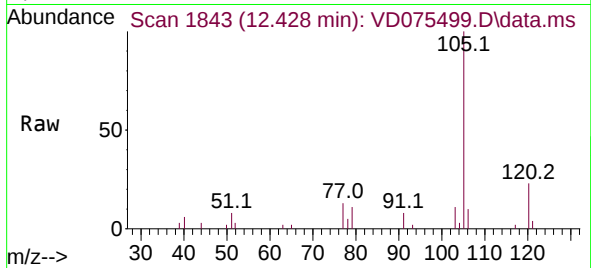
Tgt Ion:152 Resp: 65129
Ion Ratio Lower Upper
152 100
115 56.1 30.1 90.3
150 162.4 0.0 364.8





#73
Isopropylbenzene
Concen: 2.630 ug/l
RT: 12.428 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

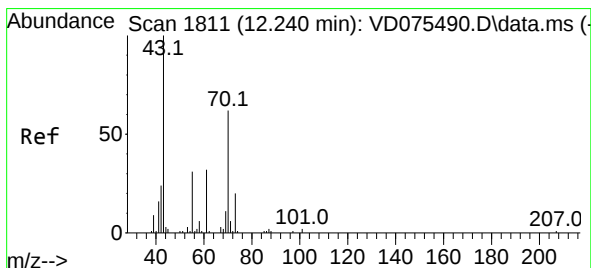
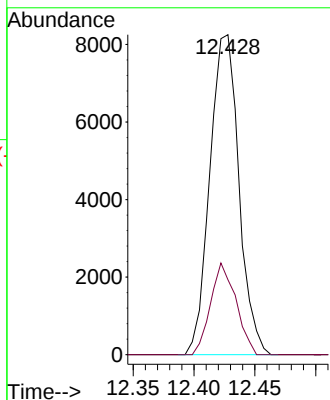
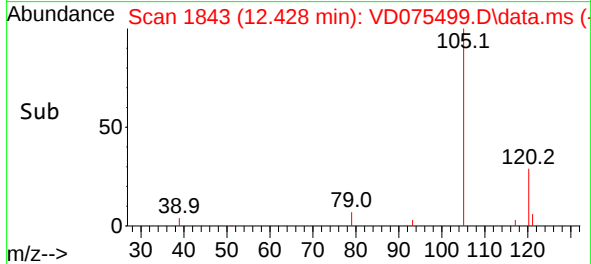
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion:105 Resp: 1371
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1

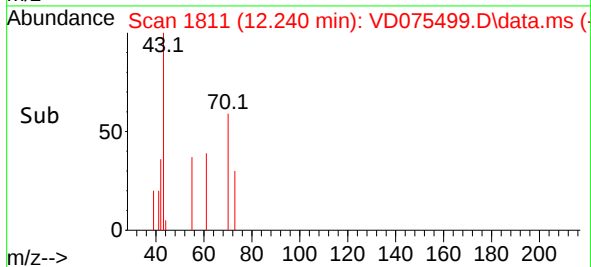
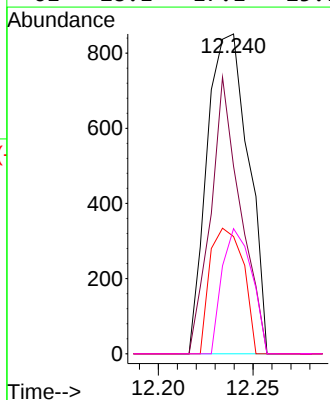
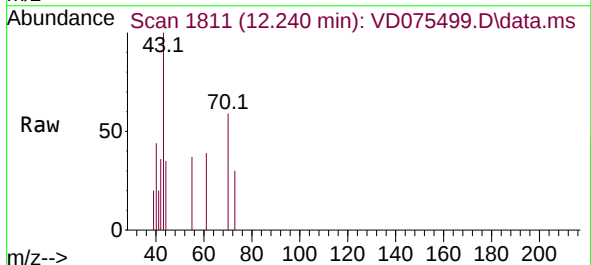
Manual Integrations
APPROVED

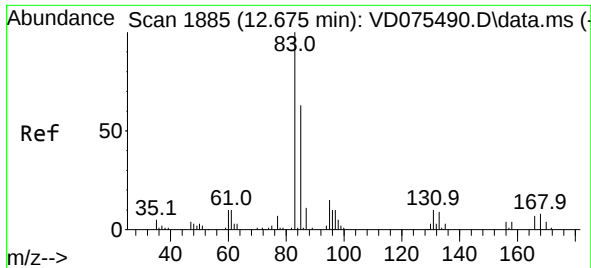
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#74
N-ethyl acetate
Concen: 2.000 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

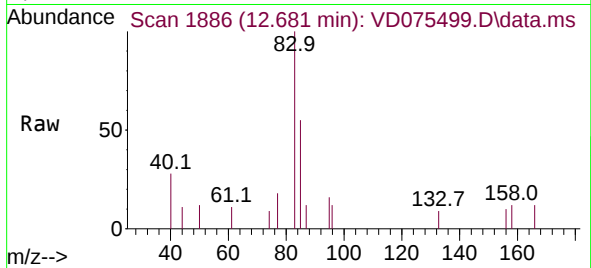
Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
70 62.4 31.0 46.4#
55 31.7 18.6 28.0#
61 28.1 17.1 25.7#





#75
1,1,2,2-Tetrachloroethane
Concen: 3.031 ug/l
RT: 12.681 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

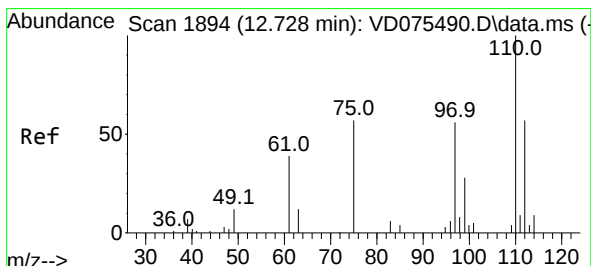
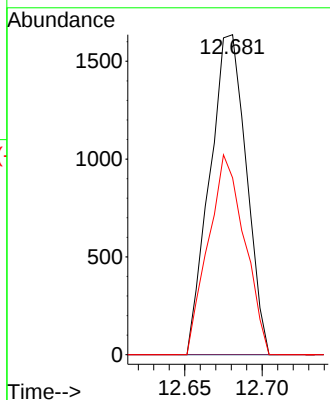
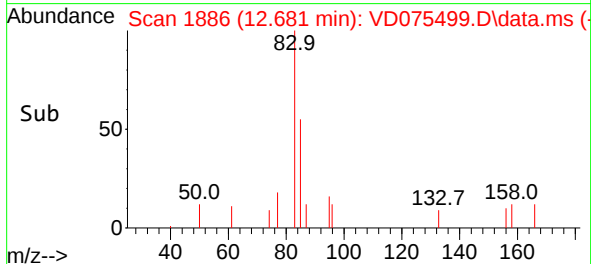
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



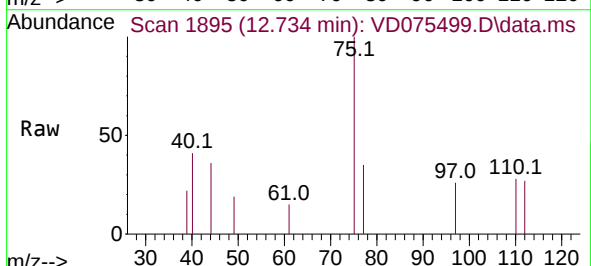
Tgt Ion: 83 Resp: 268
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.2
85 62.0 33.6 100.6

Manual Integrations
APPROVED

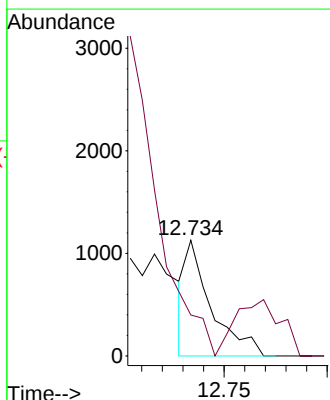
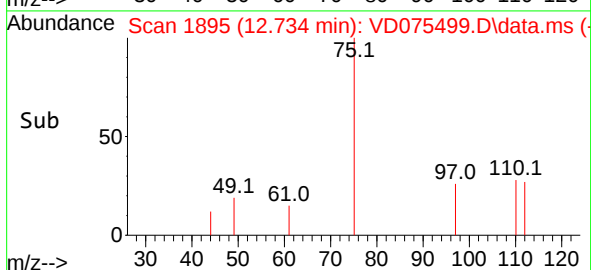
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

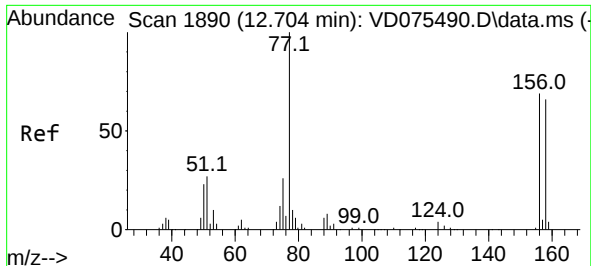


#76
1,2,3-Trichloropropane
Concen: 1.831 ug/l m
RT: 12.734 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



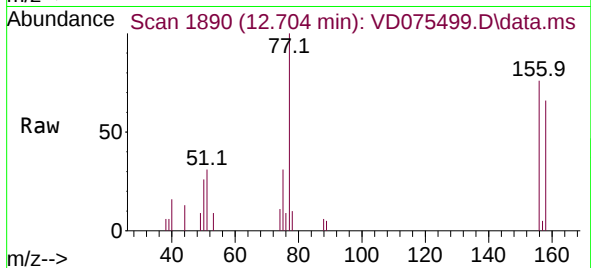
Tgt Ion: 75 Resp: 978
Ion Ratio Lower Upper
75 100
77 540.6 0.0 0.0#





#77
Bromobenzene
Concen: 3.045 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

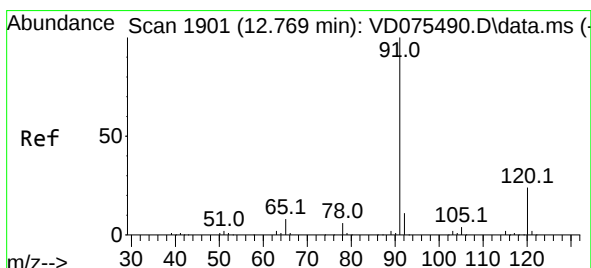
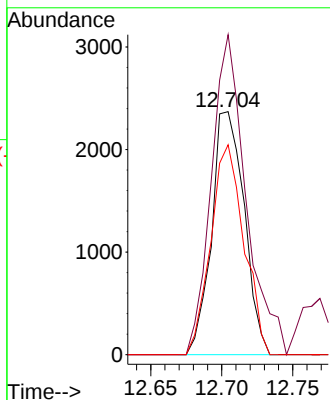
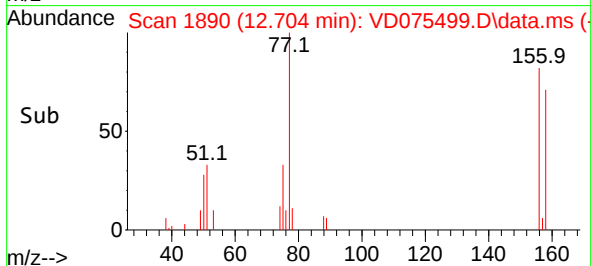
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



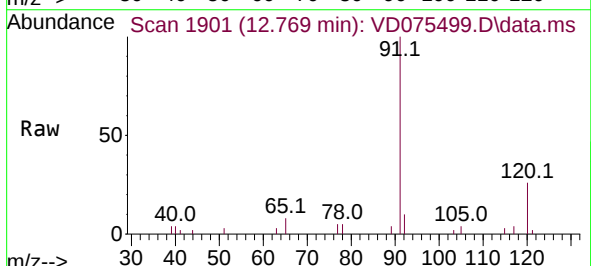
Tgt Ion:156 Resp: 3770
Ion Ratio Lower Upper
156 100
77 140.0 89.5 268.6
158 88.3 47.8 143.4

Manual Integrations
APPROVED

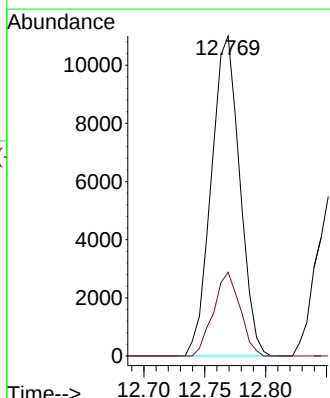
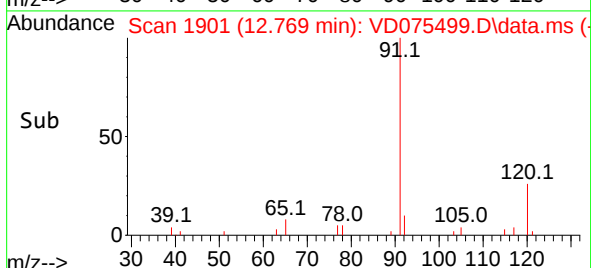
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

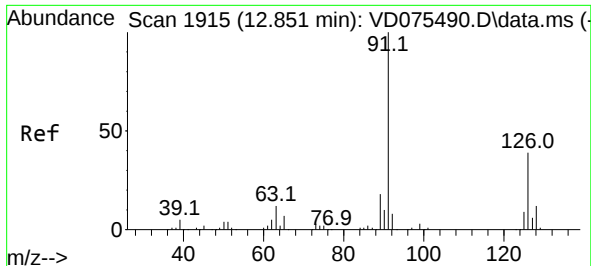


#78
n-propylbenzene
Concen: 2.820 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



Tgt Ion: 91 Resp: 17874
Ion Ratio Lower Upper
91 100
120 24.4 11.4 34.2





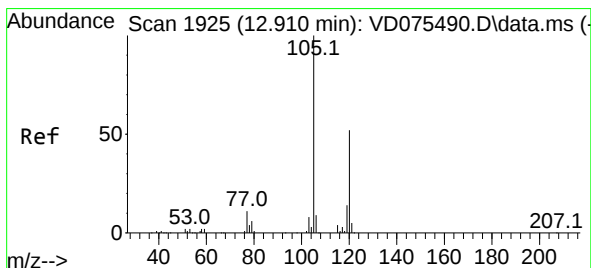
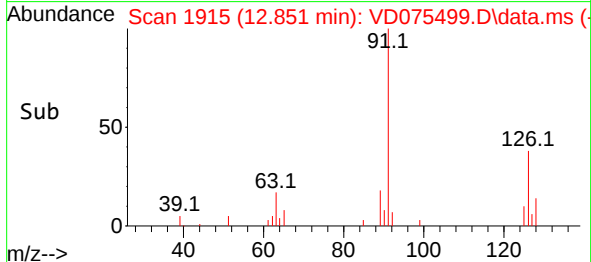
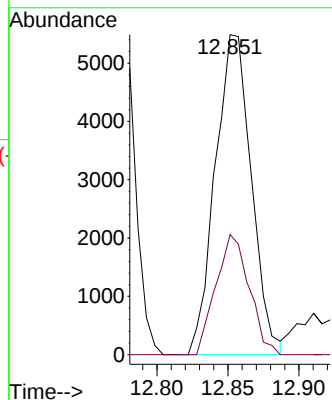
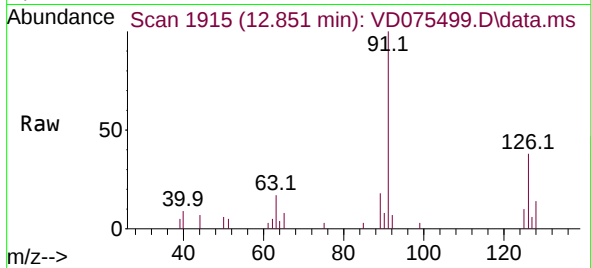
#79
2-Chlorotoluene
Concen: 2.827 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument : MSVOA_D
Client Sample Id : LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 91 Resp: 9708
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.3

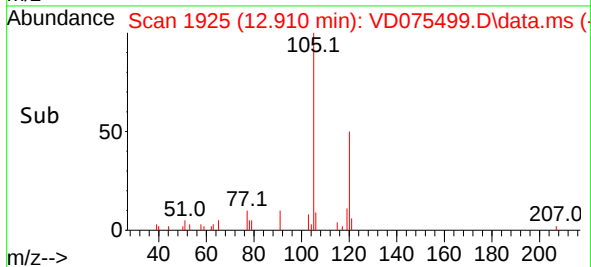
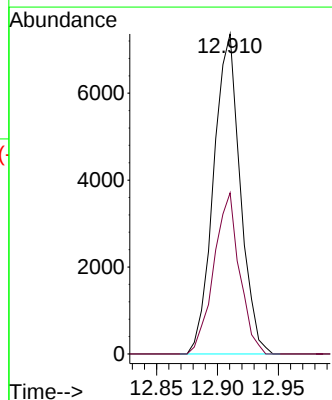
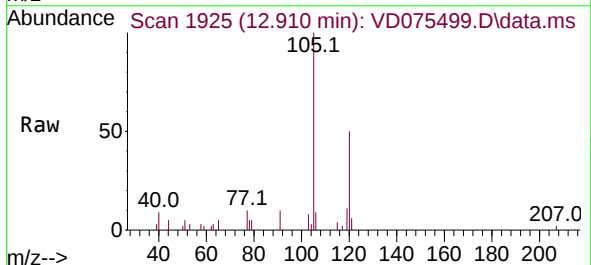
Manual Integrations
APPROVED

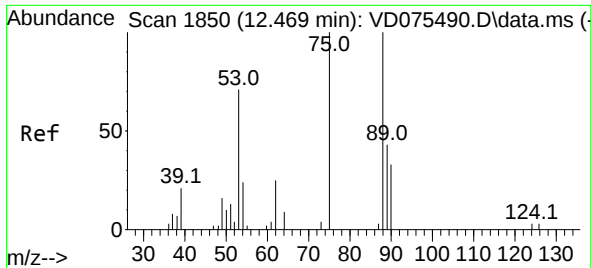
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 2.619 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

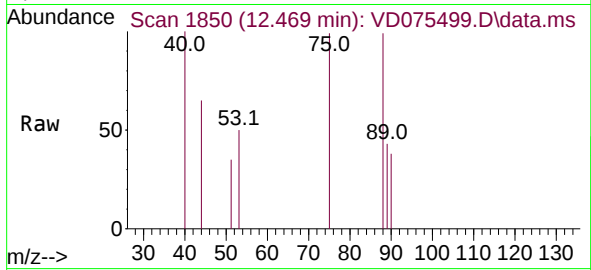
Tgt Ion:105 Resp: 11201
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 1.933 ug/l m
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

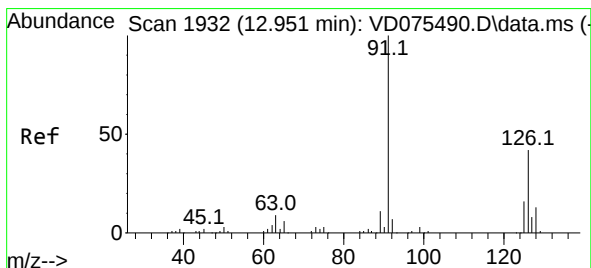
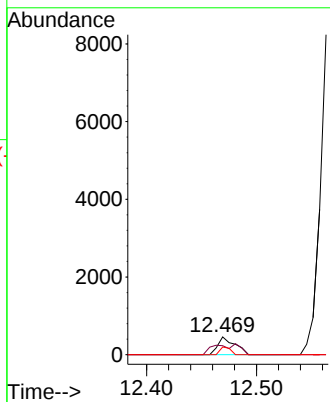
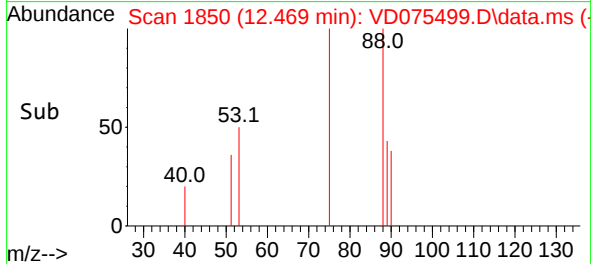
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 75 Resp: 491
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 40.2 60.4

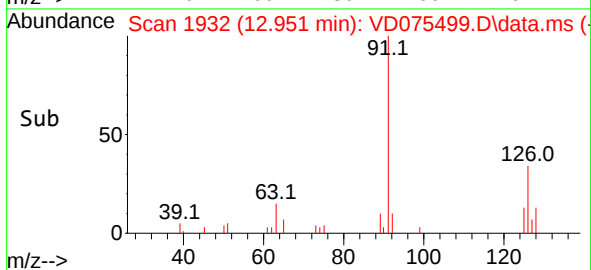
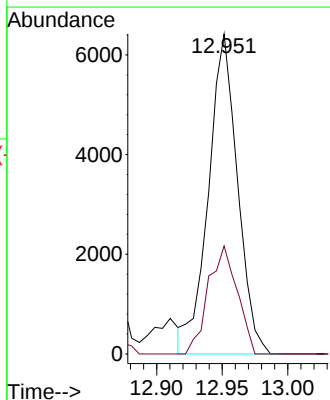
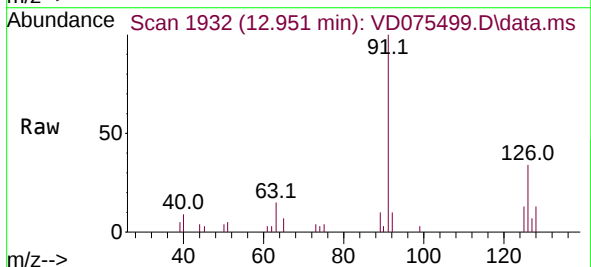
Manual Integrations
APPROVED

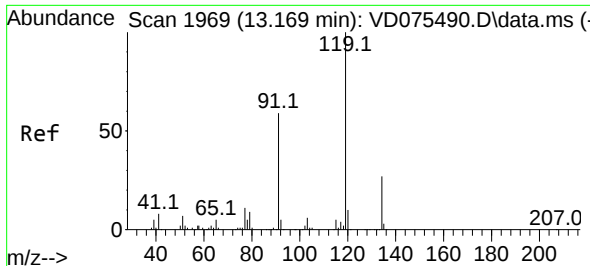
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#82
4-Chlorotoluene
Concen: 2.797 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

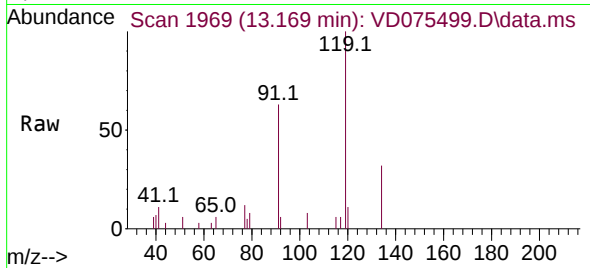
Tgt Ion: 91 Resp: 9912
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2





#83
tert-Butylbenzene
Concen: 2.688 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

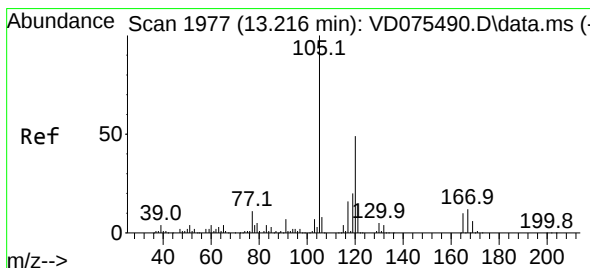
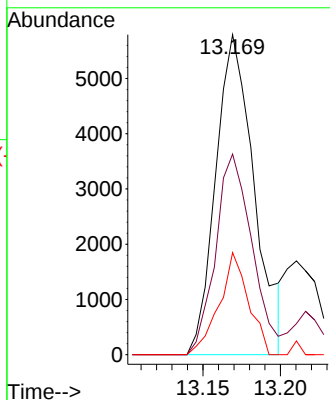
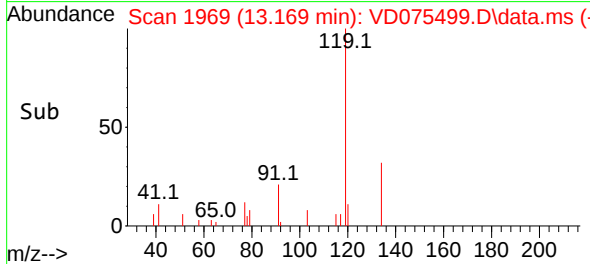
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



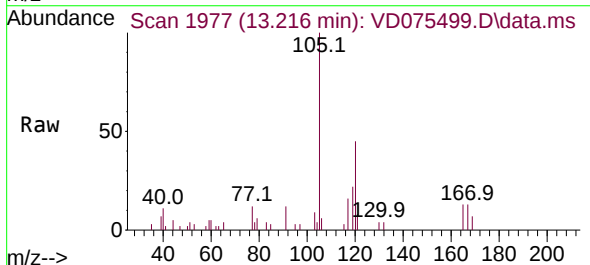
Tgt Ion:119 Resp: 999
Ion Ratio Lower Upper
119 100
91 59.3 32.4 97.0
134 24.3 13.0 39.0

Manual Integrations
APPROVED

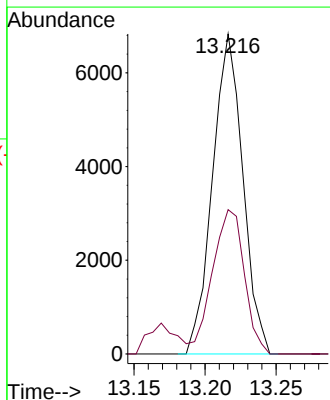
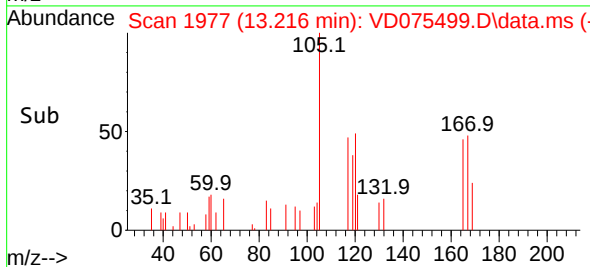
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

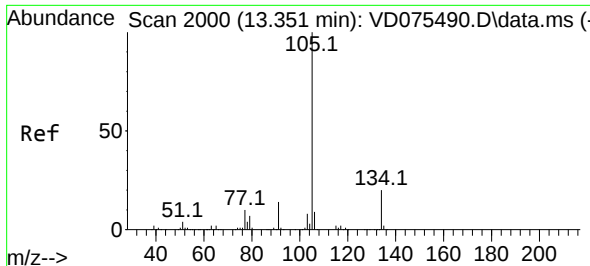


#84
1,2,4-Trimethylbenzene
Concen: 2.449 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



Tgt Ion:105 Resp: 10123
Ion Ratio Lower Upper
105 100
120 47.5 22.3 66.9





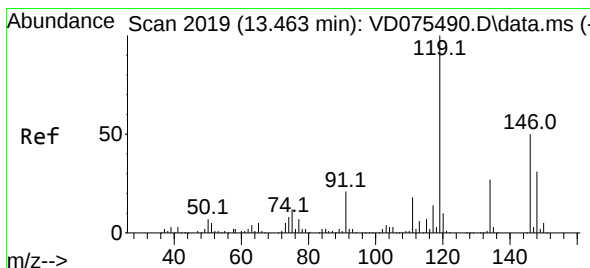
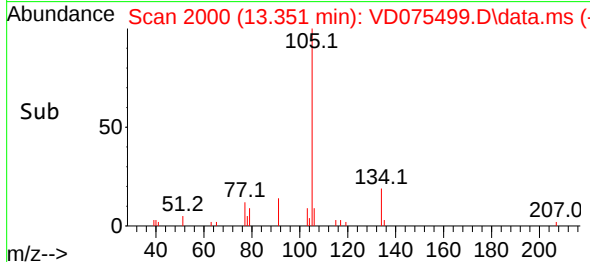
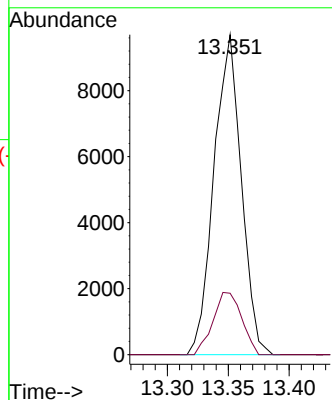
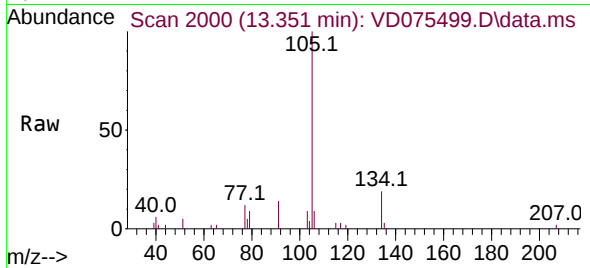
#85
 sec-Butylbenzene
 Concen: 2.628 ug/l
 RT: 13.351 min Scan# 2000
 Delta R.T. 0.000 min
 Lab File: VD075499.D
 Acq: 10 Mar 2023 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:105 Resp: 1512
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.9 29.7

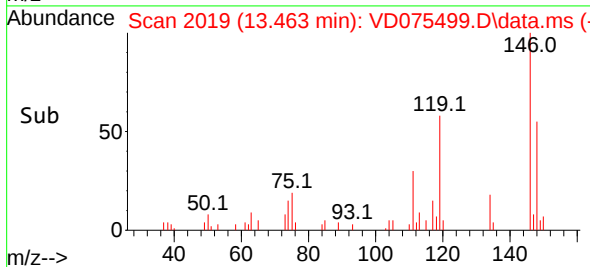
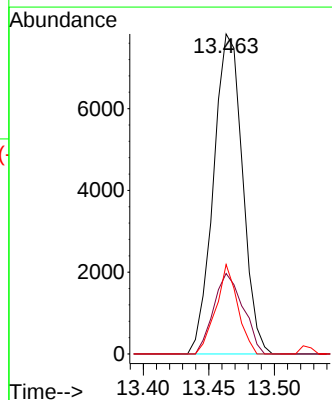
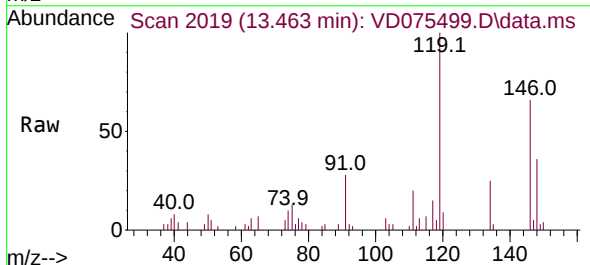
Manual Integrations
 APPROVED

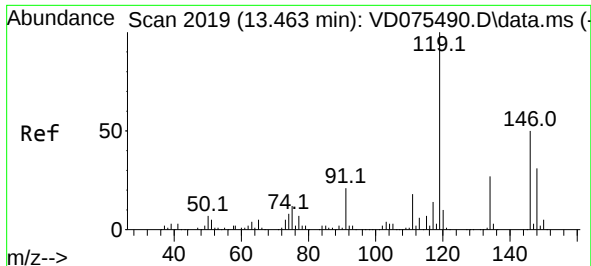
Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023



#86
 p-Isopropyltoluene
 Concen: 2.559 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075499.D
 Acq: 10 Mar 2023 18:22

Tgt Ion:119 Resp: 12033
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.3
 91 21.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 2.999 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075499.D

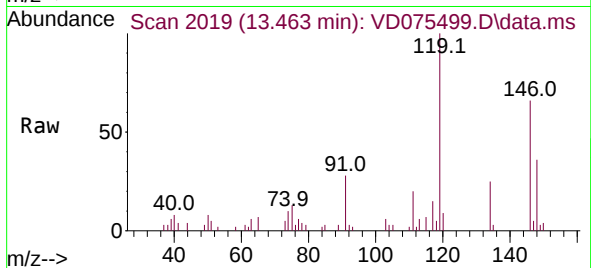
Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



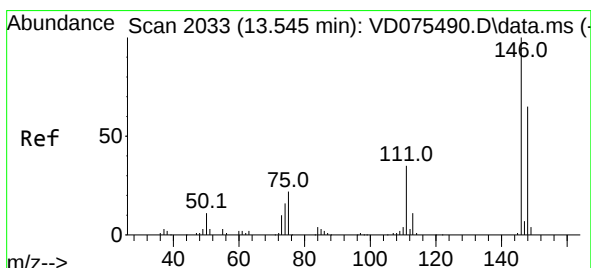
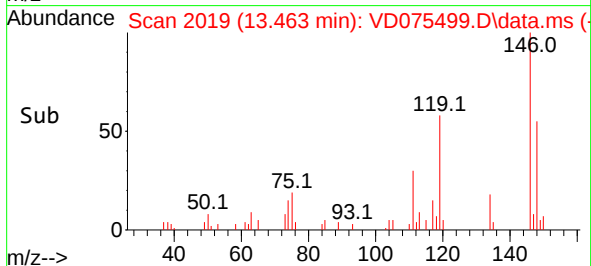
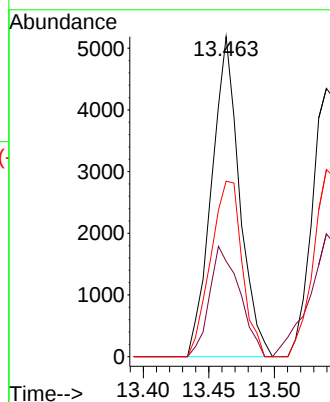
Tgt Ion:	146	Resp:	7680
Ion Ratio	100	Lower	Upper
111	37.2	19.8	59.3
148	61.5	31.0	93.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#88

1,4-Dichlorobenzene

Concen: 3.034 ug/l

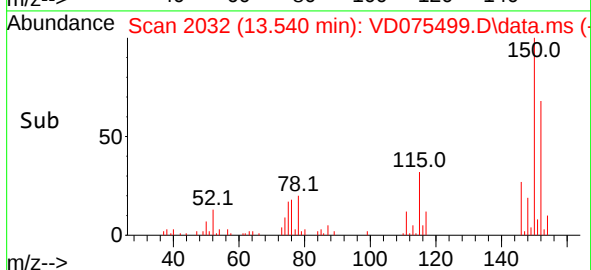
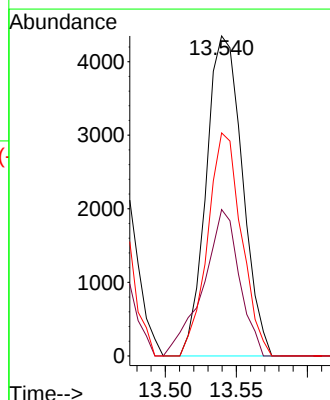
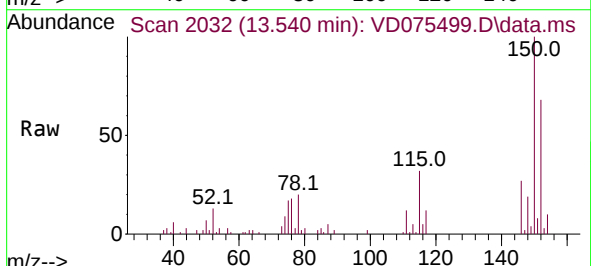
RT: 13.540 min Scan# 2032

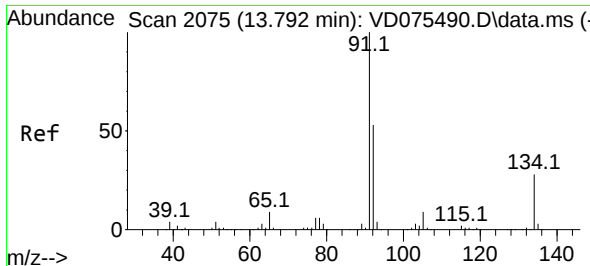
Delta R.T. -0.006 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Tgt Ion:	146	Resp:	7693
Ion Ratio	100	Lower	Upper
111	45.8	19.6	58.8
148	65.6	31.7	95.1





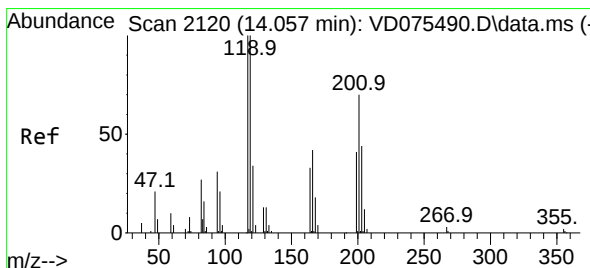
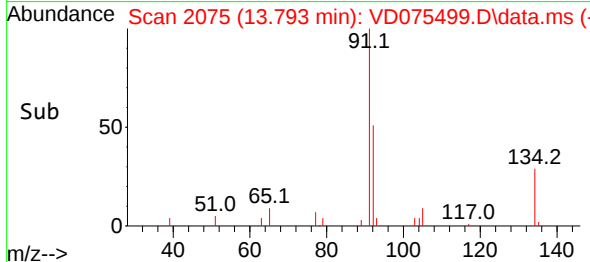
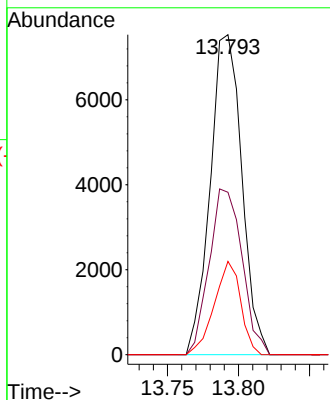
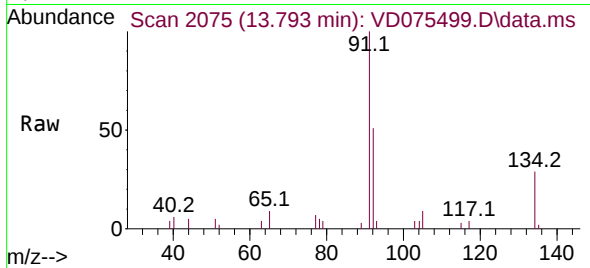
#89
n-Butylbenzene
Concen: 2.705 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 91 Resp: 1166
Ion Ratio Lower Upper
91 100
92 53.8 26.2 78.5
134 24.4 12.7 38.0

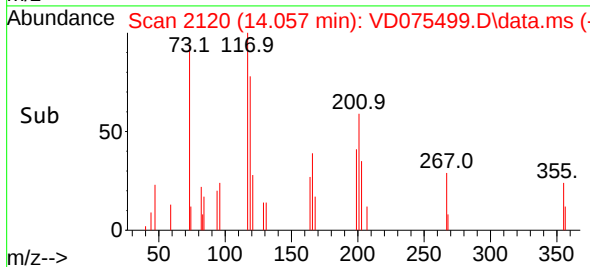
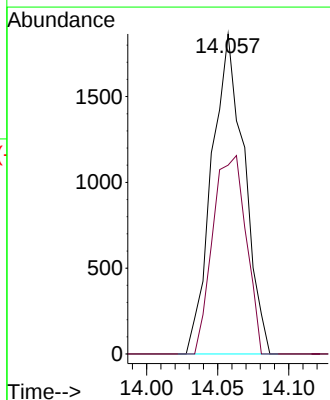
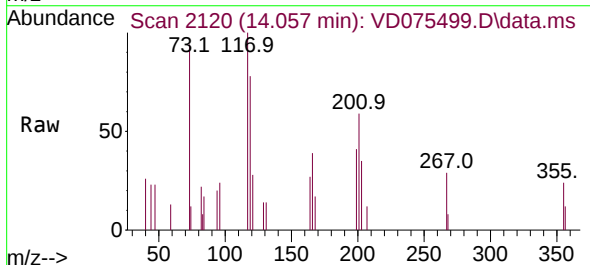
Manual Integrations
APPROVED

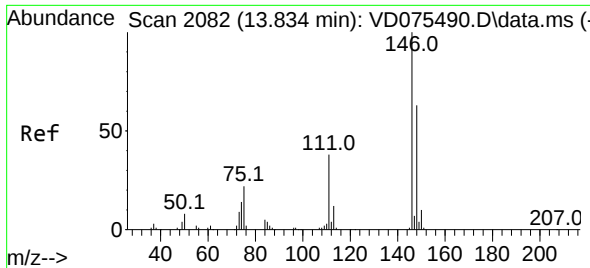
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023



#90
Hexachloroethane
Concen: 3.262 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

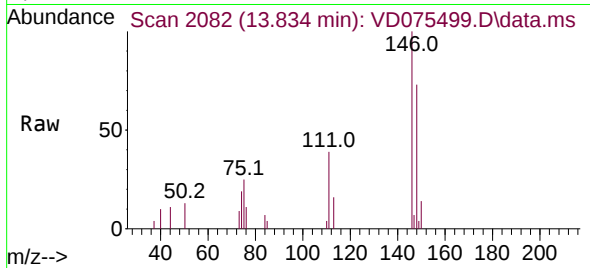
Tgt Ion:117 Resp: 2962
Ion Ratio Lower Upper
117 100
201 63.6 34.5 103.6





#91
1,2-Dichlorobenzene
Concen: 2.872 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22

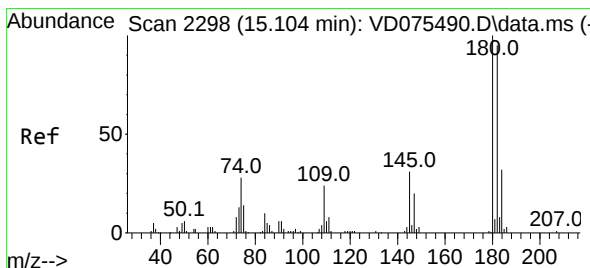
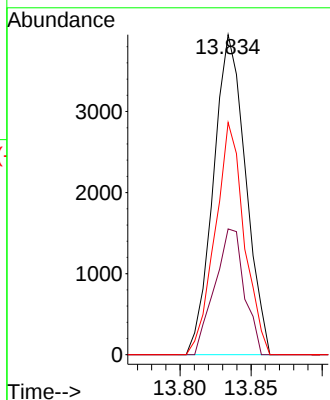
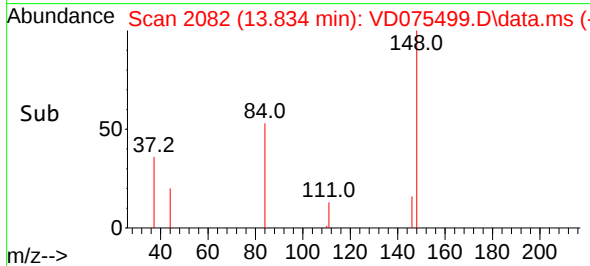
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



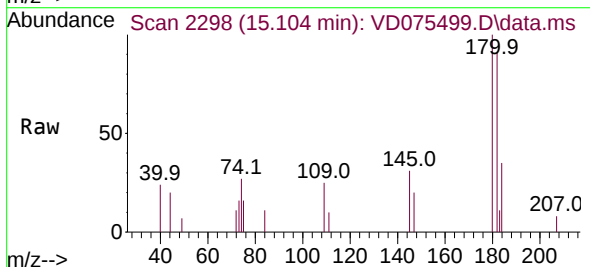
Tgt Ion:146 Resp: 6230
Ion Ratio Lower Upper
146 100
111 36.1 20.6 61.8
148 65.5 32.0 96.2

Manual Integrations
APPROVED

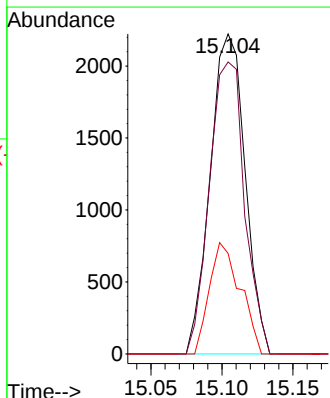
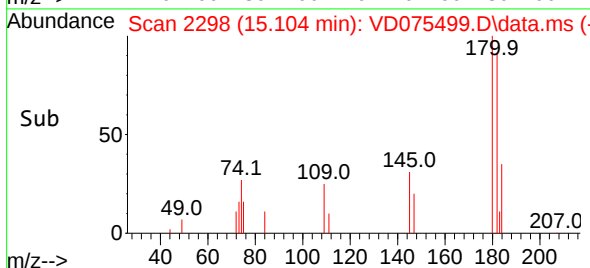
Reviewed By :Krupa Patel 03/13/2023
Supervised By :Mahesh Dadoda 03/13/2023

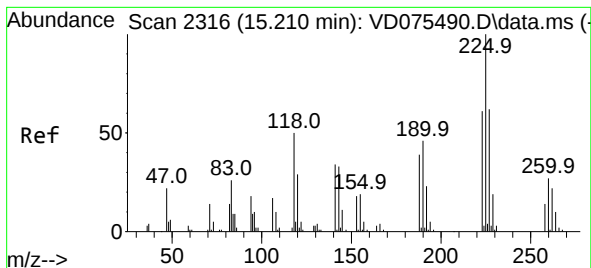


#93
1,2,4-Trichlorobenzene
Concen: 2.999 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075499.D
Acq: 10 Mar 2023 18:22



Tgt Ion:180 Resp: 3794
Ion Ratio Lower Upper
180 100
182 92.0 47.9 143.7
145 30.9 15.9 47.7





#94

Hexachlorobutadiene

Concen: 2.589 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.000 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

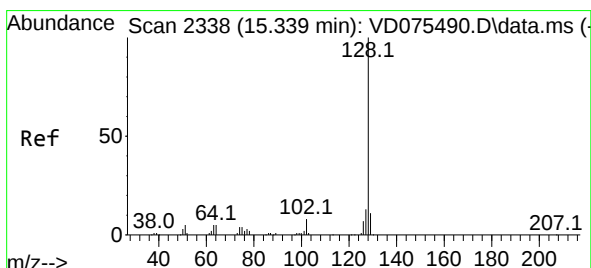
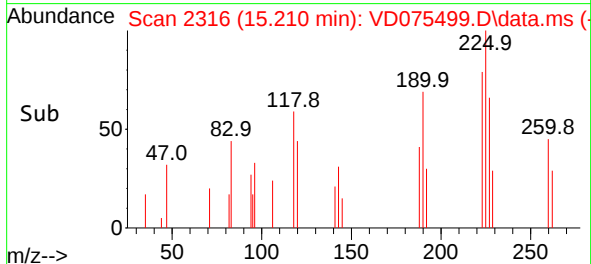
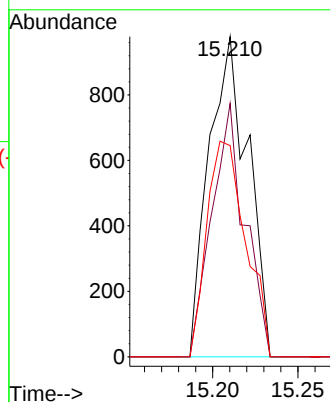
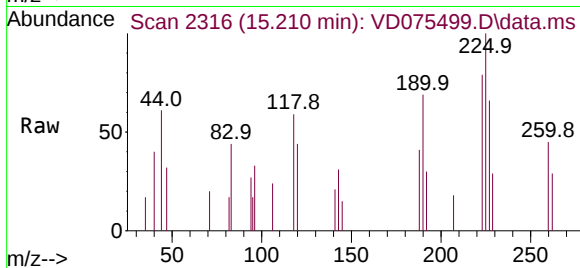
Tgt Ion:	225	Resp:	1562
Ion Ratio	Lower	Upper	
225	100		
223	66.8	33.1	99.2
227	66.9	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/13/2023

Supervised By :Mahesh Dadoda 03/13/2023



#95

Naphthalene

Concen: 2.853 ug/l

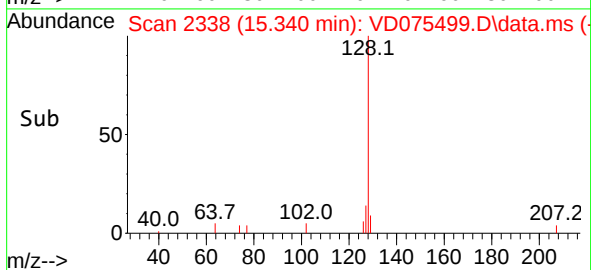
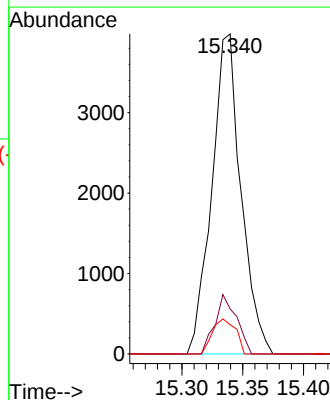
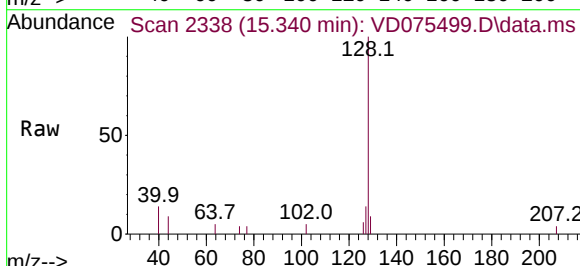
RT: 15.340 min Scan# 2338

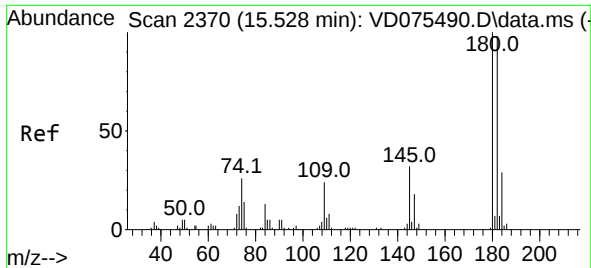
Delta R.T. 0.000 min

Lab File: VD075499.D

Acq: 10 Mar 2023 18:22

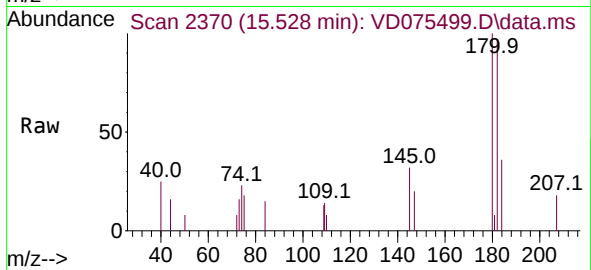
Tgt Ion:	128	Resp:	6624
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.4	15.6
129	8.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 3.042 ug/l
 RT: 15.528 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075499.D
 Acq: 10 Mar 2023 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023



Tgt Ion:	180	Resp:	3320
Ion Ratio	Lower	Upper	
180	100		
182	92.6	47.7	143.1
145	32.2	16.4	49.4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

