

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074192.D
 Acq On : 23 Aug 2022 18:45
 Operator : VA/SY
 Sample : N3980-03 4PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Quant Time: Aug 24 06:09:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 24 06:08:51 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	151835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	248859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	238135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	118676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72179	46.521	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.040%		
35) Dibromofluoromethane	7.909	113	80579	48.408	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.820%		
50) Toluene-d8	10.332	98	236283	44.105	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	88.200%		
62) 4-Bromofluorobenzene	12.614	95	101573	47.993	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	9269	7.275	ug/l	94
3) Chloromethane	2.209	50	4134	4.554	ug/l	88
4) Vinyl Chloride	2.344	62	3837	4.026	ug/l	90
5) Bromomethane	2.768	94	3115	5.061	ug/l	92
6) Chloroethane	2.921	64	2921	4.723	ug/l #	83
7) Trichlorofluoromethane	3.262	101	12570	4.540	ug/l	91
8) Diethyl Ether	3.703	74	3122	4.196	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.085	101	7804	4.659	ug/l	96
10) Methyl Iodide	4.285	142	6732	3.664	ug/l #	89
11) Tert butyl alcohol	5.226	59	2738	28.339	ug/l #	79
12) 1,1-Dichloroethene	4.056	96	5865	3.915	ug/l	79
13) Acrolein	3.932	56	1060	23.371	ug/l	91
14) Allyl chloride	4.703	41	10471	4.464	ug/l	92
15) Acrylonitrile	5.421	53	7941	22.956	ug/l	96
16) Acetone	4.156	43	7238	24.486	ug/l #	89
17) Carbon Disulfide	4.397	76	15829	3.609	ug/l #	91
18) Methyl Acetate	4.715	43	6027	6.468	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	14658	4.086	ug/l #	90
20) Methylene Chloride	4.956	84	27174	11.737	ug/l	85
21) trans-1,2-Dichloroethene	5.462	96	7482	4.271	ug/l	80
22) Diisopropyl ether	6.356	45	18674	3.882	ug/l #	87
23) Vinyl Acetate	6.297	43	40272m	16.380	ug/l	
24) 1,1-Dichloroethane	6.256	63	13962	4.403	ug/l	97
25) 2-Butanone	7.209	43	12533	27.388	ug/l	97
26) 2,2-Dichloropropane	7.203	77	14632	5.121	ug/l	91
27) cis-1,2-Dichloroethene	7.203	96	8344	4.239	ug/l	97
28) Bromochloromethane	7.550	49	4653	4.854	ug/l #	81
29) Tetrahydrofuran	7.562	42	5697	20.629	ug/l #	62
30) Chloroform	7.709	83	15020	4.492	ug/l	88
31) Cyclohexane	7.979	56	13191	4.777	ug/l #	84
32) 1,1,1-Trichloroethane	7.891	97	12991	4.193	ug/l	98
36) 1,1-Dichloropropene	8.103	75	10494	4.171	ug/l	98
37) Ethyl Acetate	7.285	43	4818	4.857	ug/l #	92
38) Carbon Tetrachloride	8.091	117	10548	3.903	ug/l	93
39) Methylcyclohexane	9.350	83	10565	3.680	ug/l	85
40) Benzene	8.344	78	29042	4.095	ug/l	99

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 Supervised By :Mahesh Dadoda 08/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	2110	3.539	ug/l #	73
42) 1,2-Dichloroethane	8.420	62	8128	3.888	ug/l	92
43) Isopropyl Acetate	8.450	43	7658	3.838	ug/l #	87
44) Trichloroethene	9.097	130	8362	4.067	ug/l	81
45) 1,2-Dichloropropane	9.379	63	8048	4.546	ug/l	91
46) Dibromomethane	9.467	93	4234	4.287	ug/l #	89
47) Bromodichloromethane	9.650	83	10612	4.131	ug/l #	97
48) Methyl methacrylate	9.450	41	3455	3.745	ug/l #	86
49) 1,4-Dioxane	9.444	88	750	66.924	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	19176	19.236	ug/l	98
52) Toluene	10.391	92	19677	4.221	ug/l	91
53) t-1,3-Dichloropropene	10.614	75	9319	4.000	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	10566	3.825	ug/l	87
55) 1,1,2-Trichloroethane	10.785	97	6136	4.543	ug/l	94
56) Ethyl methacrylate	10.650	69	5490	3.558	ug/l #	88
57) 1,3-Dichloropropane	10.932	76	9256	4.101	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.932	63	8585	18.380	ug/l	94
59) 2-Hexanone	10.973	43	12892	19.181	ug/l	96
60) Dibromochloromethane	11.126	129	7114	4.055	ug/l	100
61) 1,2-Dibromoethane	11.232	107	5430	4.121	ug/l	99
64) Tetrachloroethene	10.867	164	7106	4.089	ug/l #	89
65) Chlorobenzene	11.655	112	21009	4.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	7808	4.002	ug/l	99
67) Ethyl Benzene	11.732	91	32625	3.673	ug/l	94
68) m/p-Xylenes	11.838	106	24425	6.904	ug/l	100
69) o-Xylene	12.167	106	11247	3.445	ug/l	98
70) Styrene	12.185	104	19404	3.467	ug/l	95
71) Bromoform	12.350	173	4473	4.215	ug/l #	100
73) Isopropylbenzene	12.461	105	30771	3.581	ug/l	99
74) N-amyl acetate	12.273	43	6290	3.365	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	6803	4.433	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	4262m	3.678	ug/l	
77) Bromobenzene	12.744	156	8276	4.065	ug/l	92
78) n-propylbenzene	12.802	91	40157	3.821	ug/l	98
79) 2-Chlorotoluene	12.891	91	23732	3.911	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	27598	3.738	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	1882	4.177	ug/l #	76
82) 4-Chlorotoluene	12.991	91	24026	3.743	ug/l	99
83) tert-Butylbenzene	13.208	119	20803	3.345	ug/l	99
84) 1,2,4-Trimethylbenzene	13.250	105	25856	3.599	ug/l	100
85) sec-Butylbenzene	13.385	105	32863	3.496	ug/l	95
86) p-Isopropyltoluene	13.502	119	26063	3.360	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	16500	4.007	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	17155	4.135	ug/l	93
89) n-Butylbenzene	13.820	91	26710	3.634	ug/l	98
90) Hexachloroethane	14.091	117	6001	3.814	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	13969	3.901	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.491	75	1231	4.900	ug/l	88
93) 1,2,4-Trichlorobenzene	15.132	180	8403	3.845	ug/l	98
94) Hexachlorobutadiene	15.244	225	4547	3.708	ug/l	88
95) Naphthalene	15.373	128	14934	3.776	ug/l	97
96) 1,2,3-Trichlorobenzene	15.567	180	7697	4.039	ug/l	90

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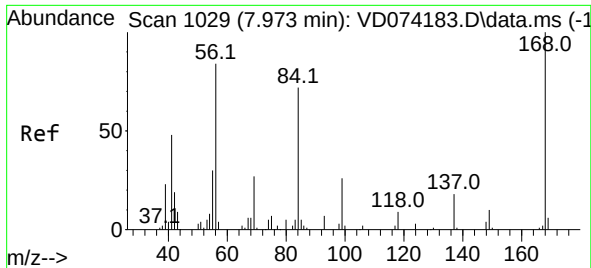
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/24/2022

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Quant Title : SW846 8260
QLast Update : Wed Aug 24 06:08:51 2022
Response via : Initial Calibration

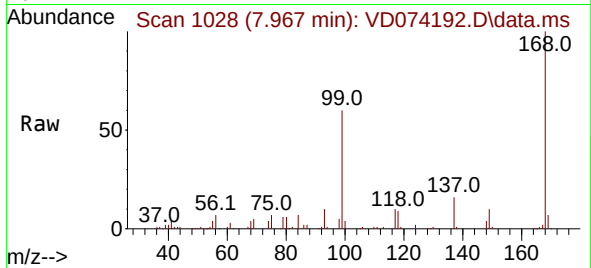
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
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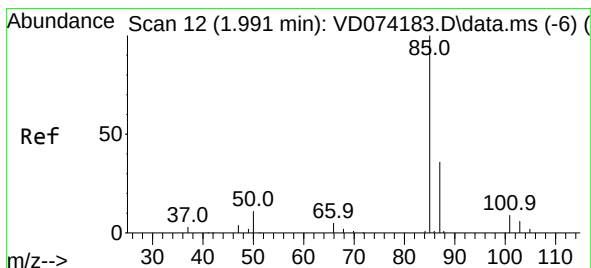
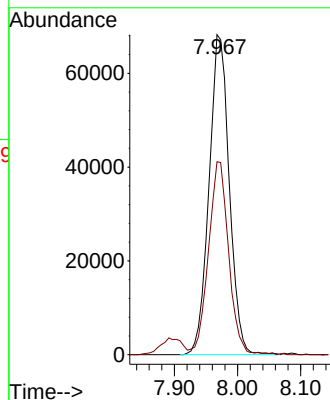
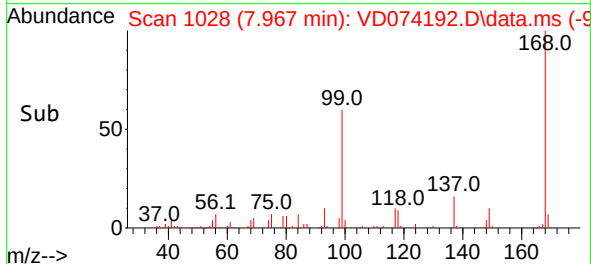
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion:168 Resp: 15183
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6

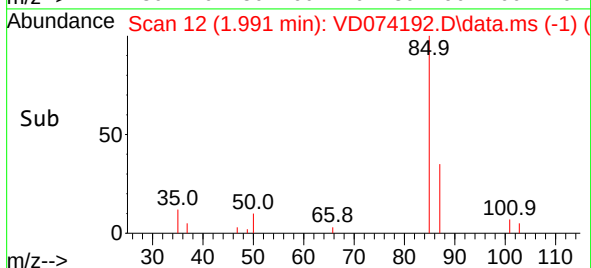
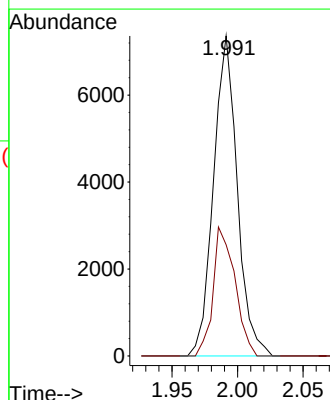
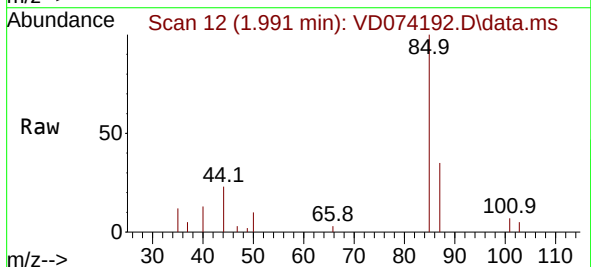
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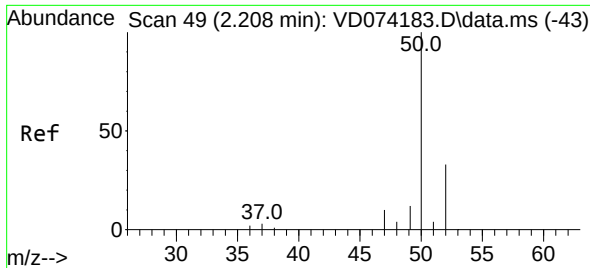
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#2
Dichlorodifluoromethane
Concen: 7.275 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Tgt Ion: 85 Resp: 9269
Ion Ratio Lower Upper
85 100
87 34.7 15.7 47.0





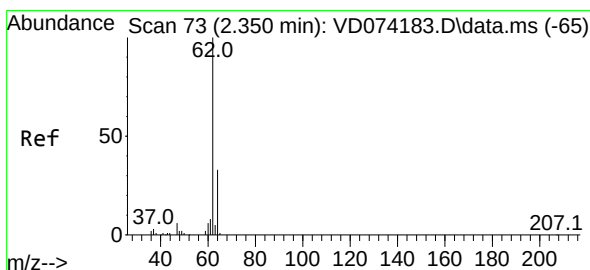
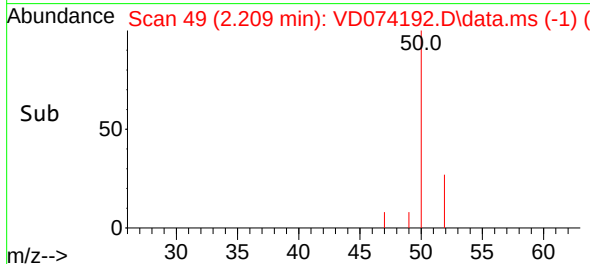
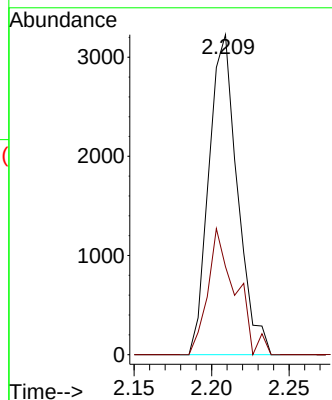
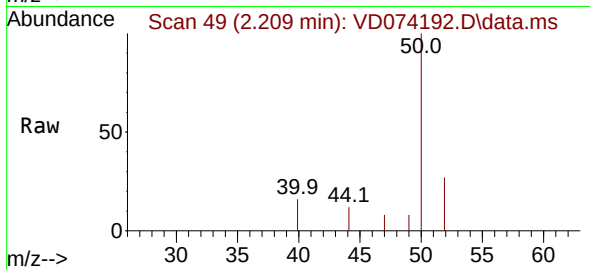
#3
Chloromethane
Concen: 4.554 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

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Tgt Ion: 50 Resp: 4134
Ion Ratio Lower Upper
50 100
52 27.5 27.4 41.0

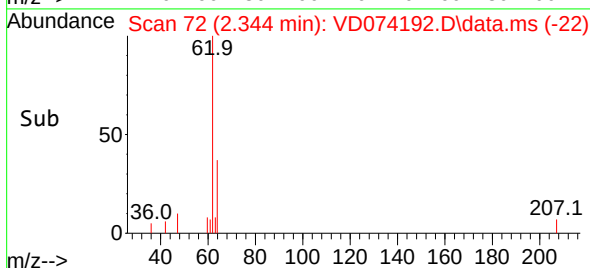
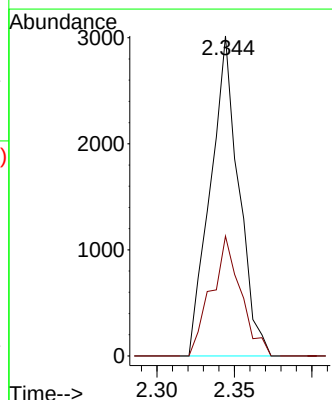
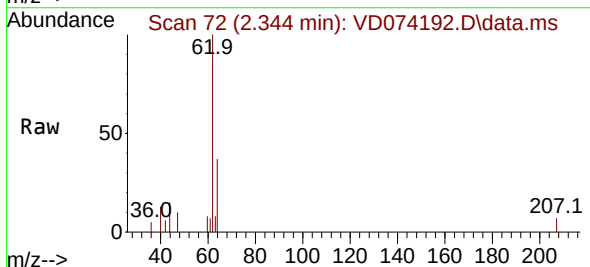
Manual Integrations
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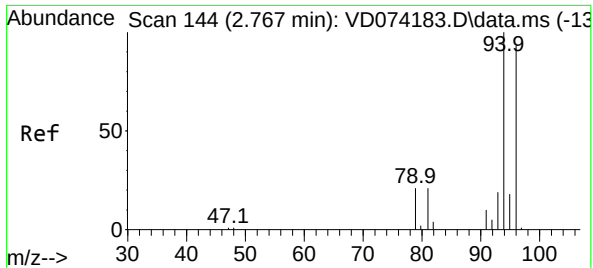
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#4
Vinyl Chloride
Concen: 4.026 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

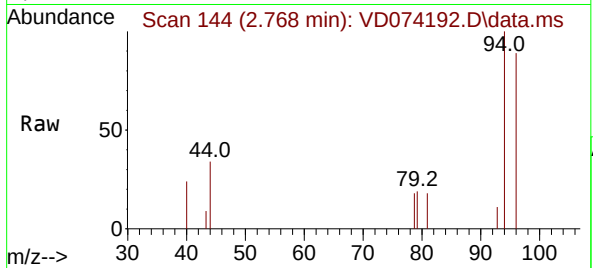
Tgt Ion: 62 Resp: 3837
Ion Ratio Lower Upper
62 100
64 37.4 25.4 38.0





#5
Bromomethane
Concen: 5.061 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

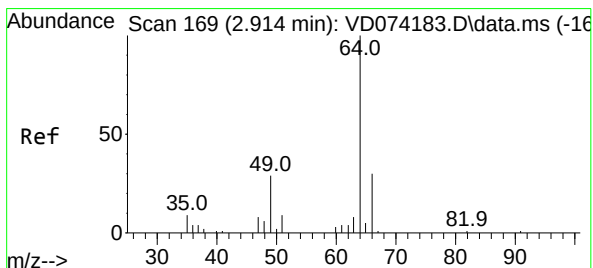
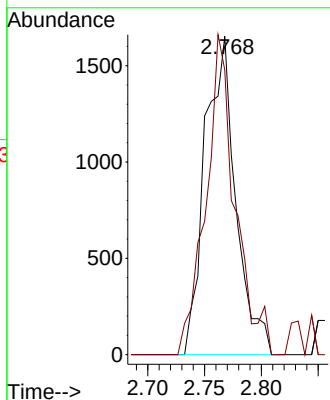
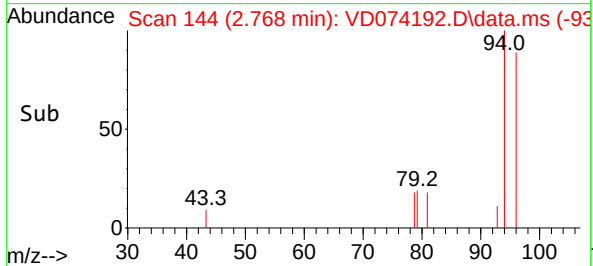
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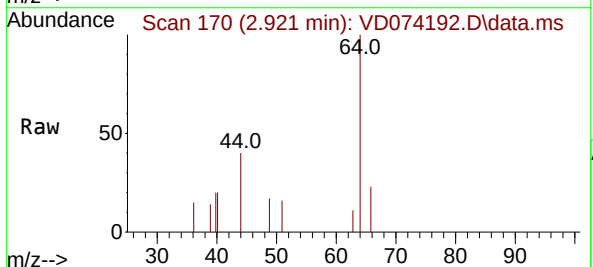
Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 89.4 77.6 116.4

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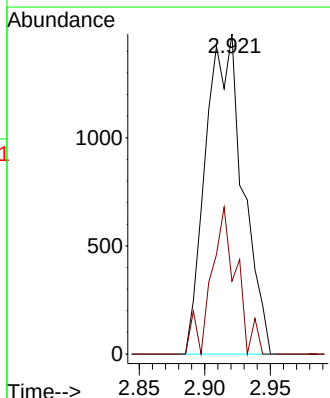
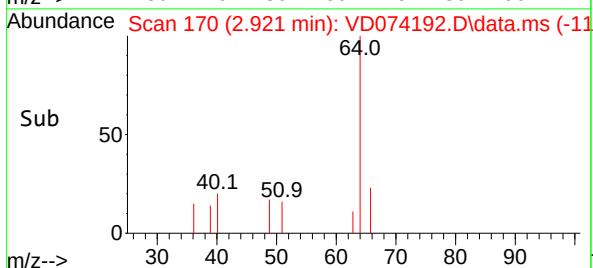
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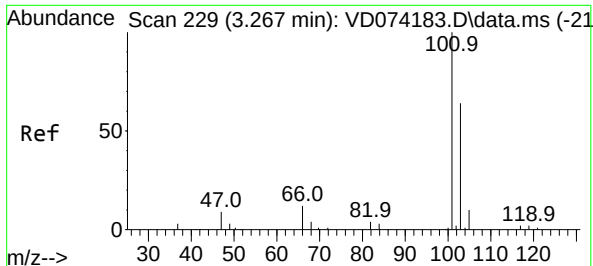


#6
Chloroethane
Concen: 4.723 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.007 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45



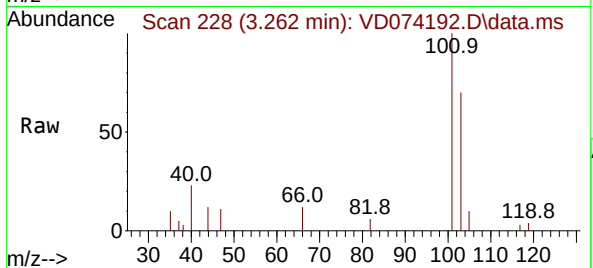
Tgt Ion: 64 Resp: 2921
Ion Ratio Lower Upper
64 100
66 22.8 25.9 38.9#





#7
Trichlorofluoromethane
Concen: 4.540 ug/l
RT: 3.262 min Scan# 211
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

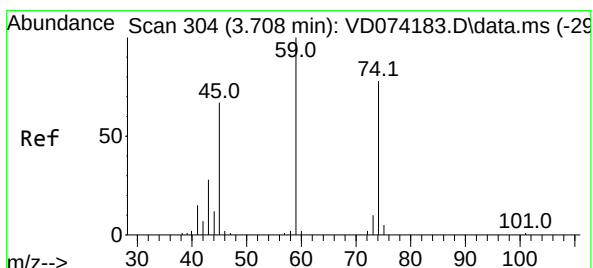
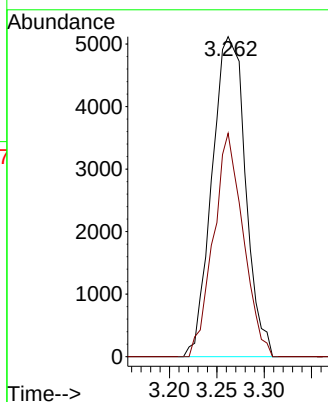
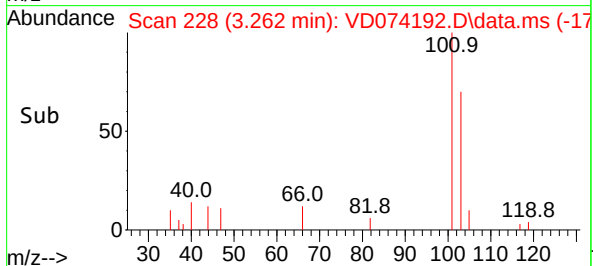
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion:101 Resp: 12570
Ion Ratio Lower Upper
101 100
103 69.8 50.1 75.1

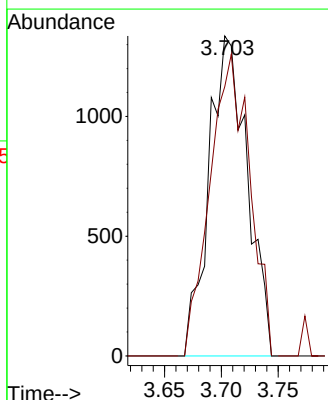
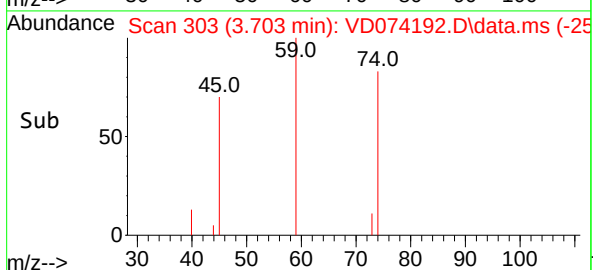
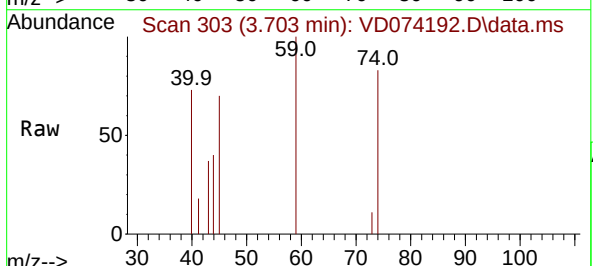
Manual Integrations
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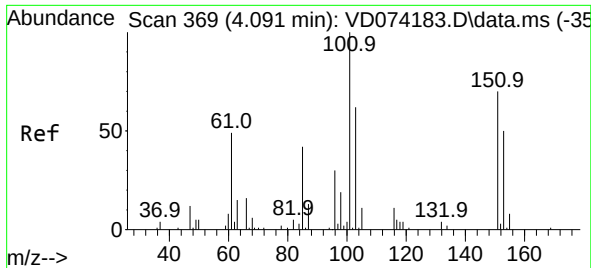
Reviewed By :Krupa Patel 08/24/2022
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#8
Diethyl Ether
Concen: 4.196 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.005 min
Lab File: VD074192.D
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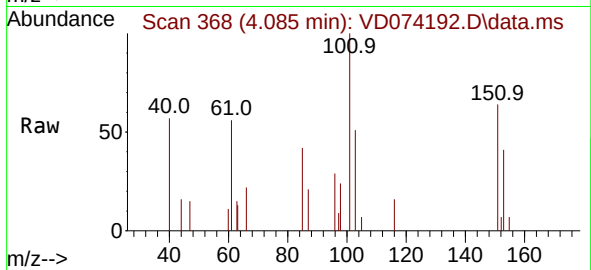
Tgt Ion: 74 Resp: 3122
Ion Ratio Lower Upper
74 100
45 98.3 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.659 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD074192.D
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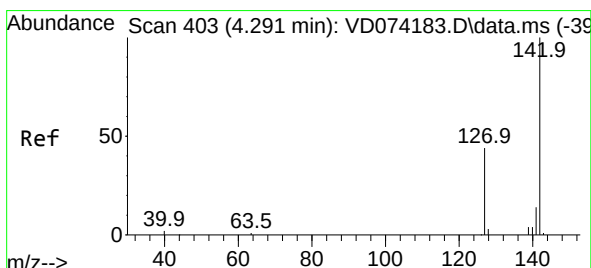
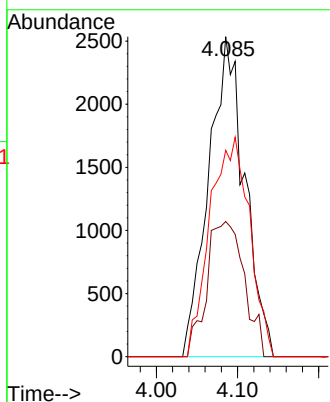
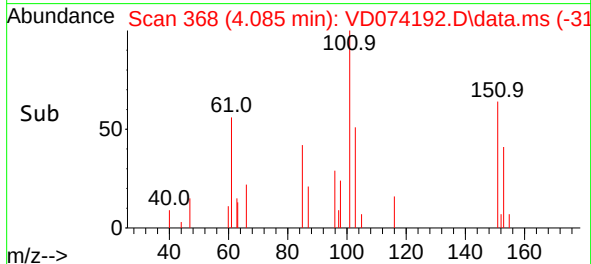
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



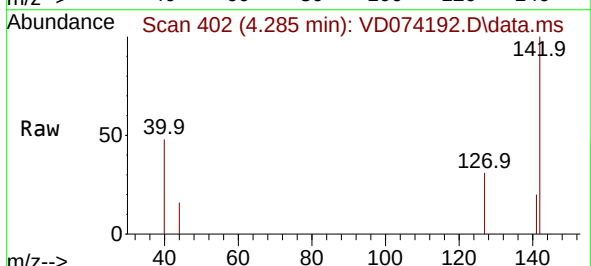
Tgt Ion:101 Resp: 7804
Ion Ratio Lower Upper
101 100
85 43.9 36.4 54.6
151 75.4 57.3 85.9

Manual Integrations
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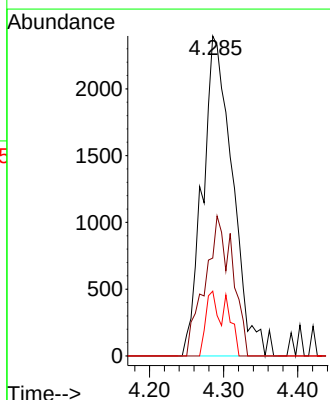
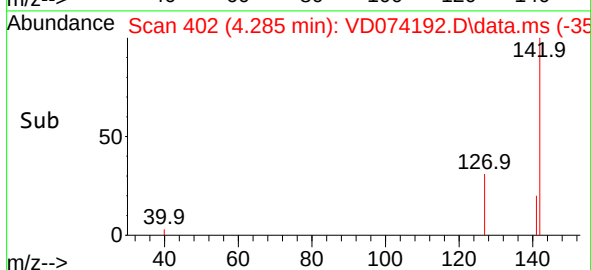
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

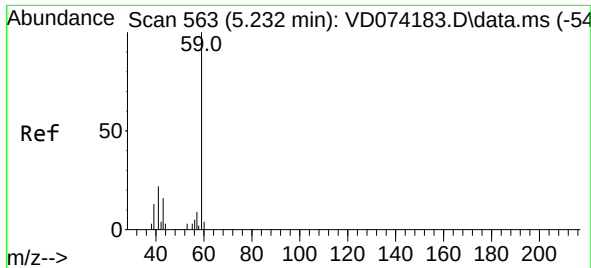


#10
Methyl Iodide
Concen: 3.664 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45



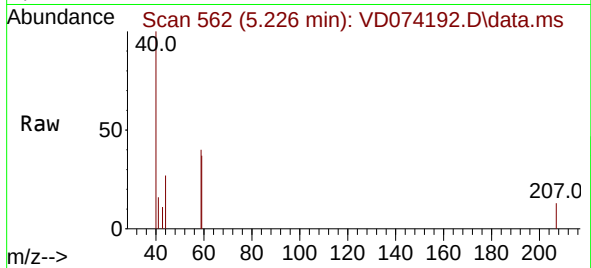
Tgt Ion:142 Resp: 6732
Ion Ratio Lower Upper
142 100
127 40.2 37.3 55.9
141 8.7 11.7 17.5#





#11
Tert butyl alcohol
Concen: 28.339 ug/l
RT: 5.226 min Scan# 50
Delta R.T. -0.006 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

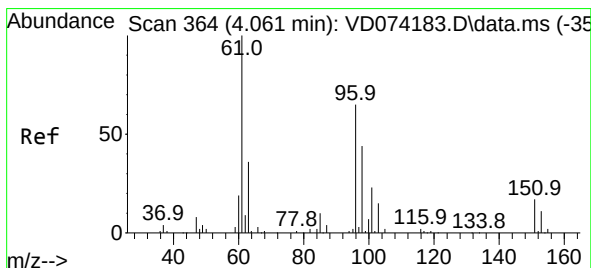
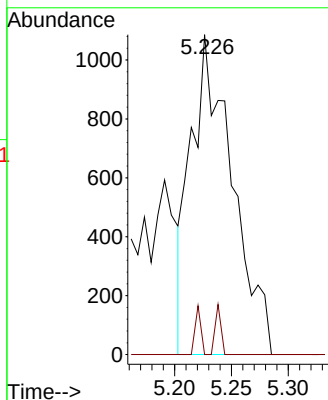
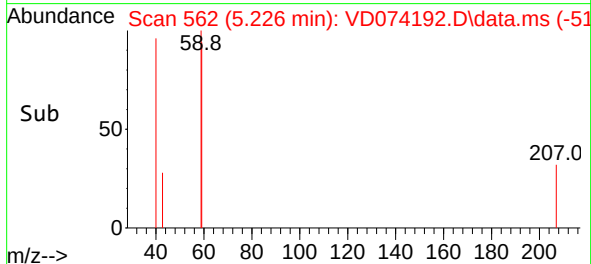
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 59 Resp: 2738
Ion Ratio Lower Upper
59 100
57 2.2 7.8 11.6

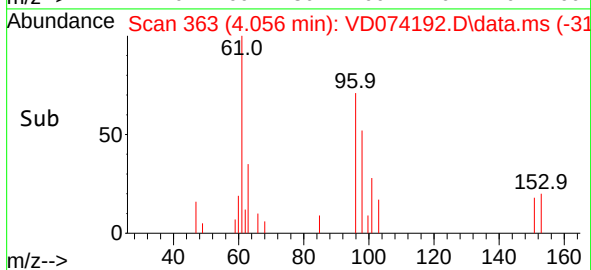
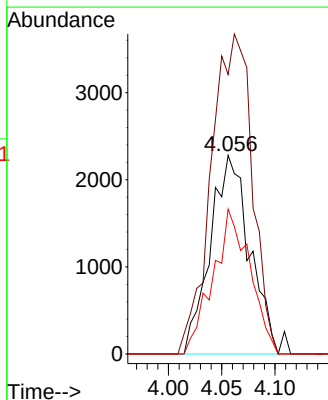
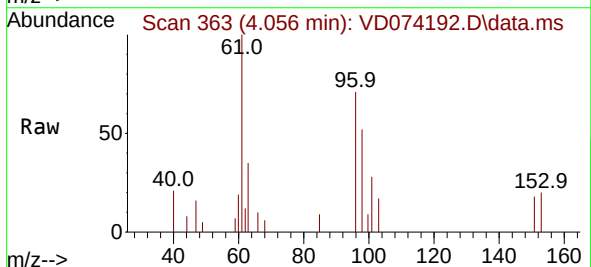
Manual Integrations
APPROVED

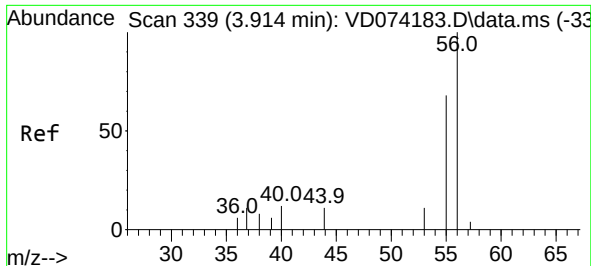
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#12
1,1-Dichloroethene
Concen: 3.915 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

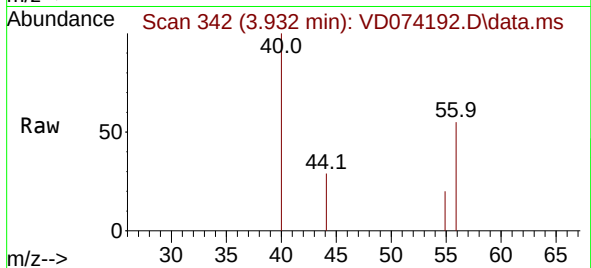
Tgt Ion: 96 Resp: 5865
Ion Ratio Lower Upper
96 100
61 140.9 138.5 207.7
98 72.9 48.6 73.0





#13
Acrolein
Concen: 23.371 ug/l
RT: 3.932 min Scan# 341
Delta R.T. 0.018 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

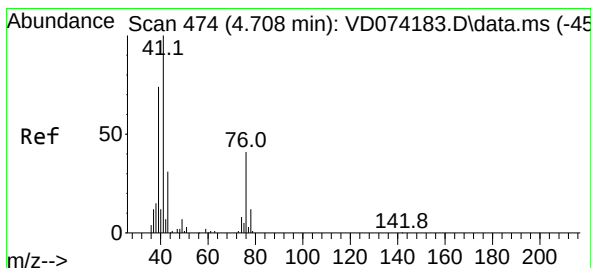
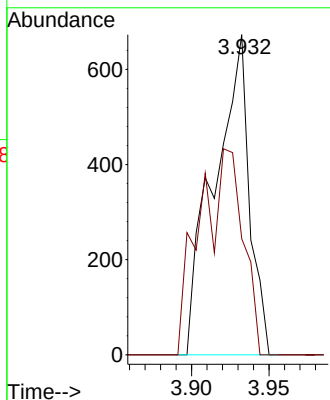
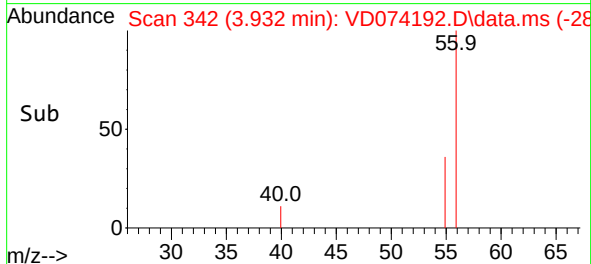
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 56 Resp: 1060
Ion Ratio Lower Upper
56 100
55 78.9 57.1 85.7

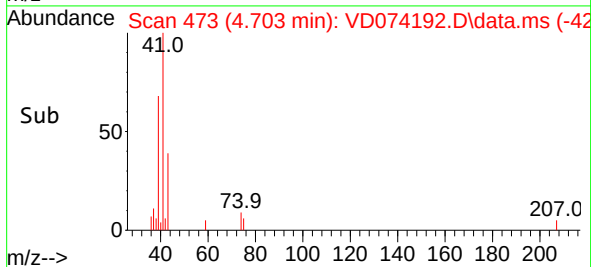
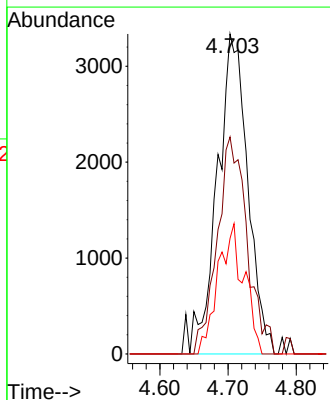
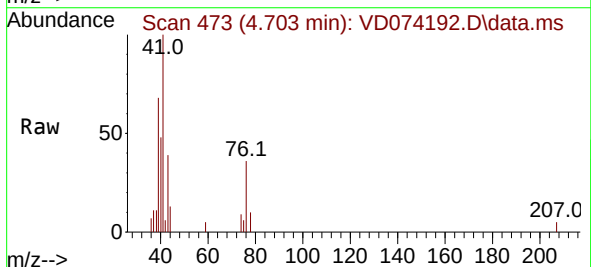
Manual Integrations
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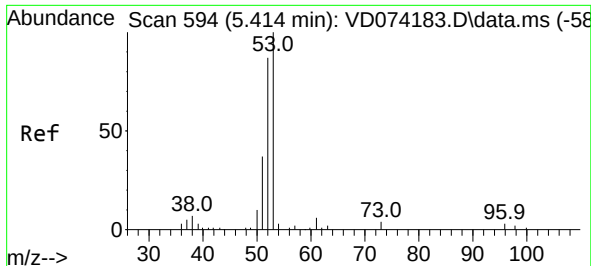
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#14
Allyl chloride
Concen: 4.464 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Tgt Ion: 41 Resp: 10471
Ion Ratio Lower Upper
41 100
39 66.1 59.3 88.9
76 34.6 25.7 38.5





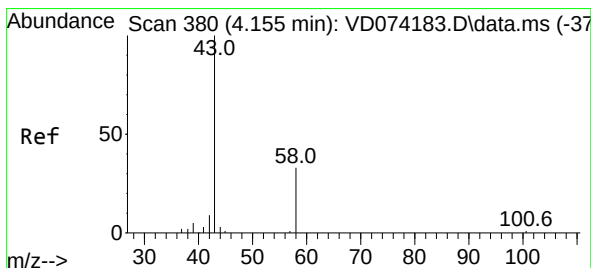
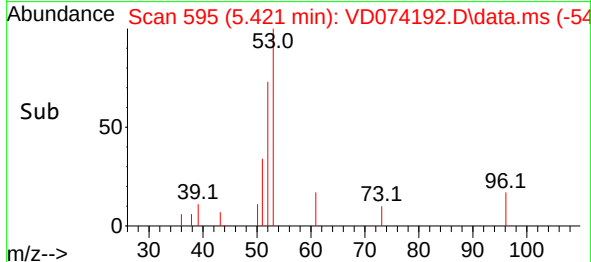
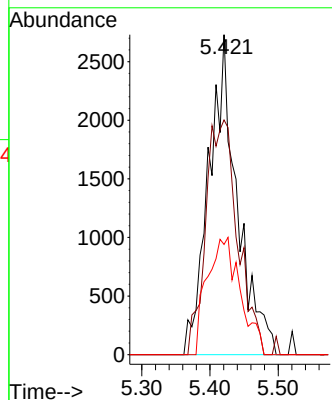
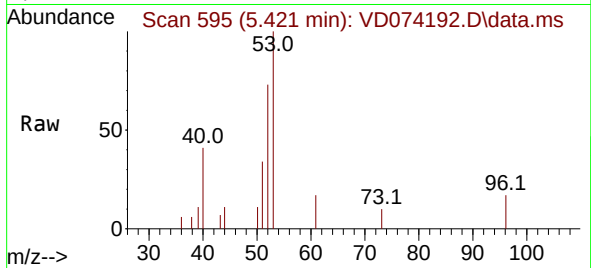
#15
Acrylonitrile
Concen: 22.956 ug/l
RT: 5.421 min Scan# 594
Delta R.T. 0.007 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

Tgt Ion: 53 Resp: 794
Ion Ratio Lower Upper
53 100
52 82.4 67.2 100.8
51 42.6 30.3 45.5

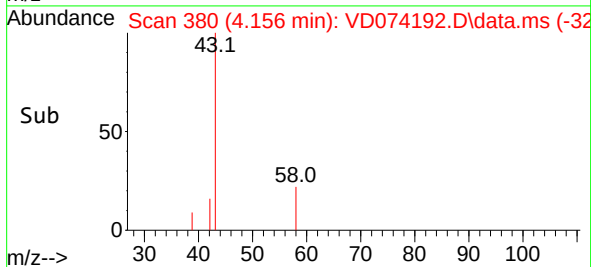
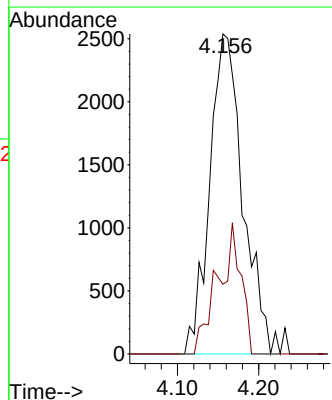
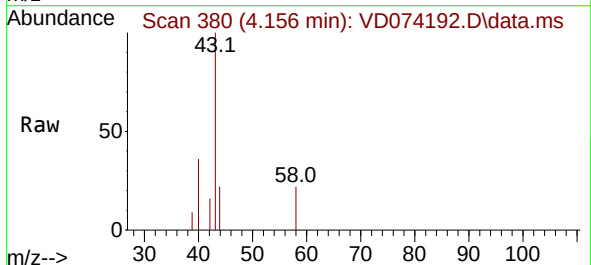
Manual Integrations
APPROVED

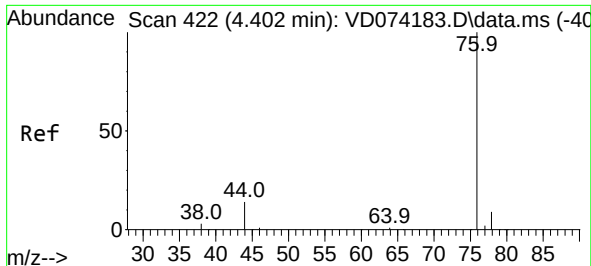
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#16
Acetone
Concen: 24.486 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

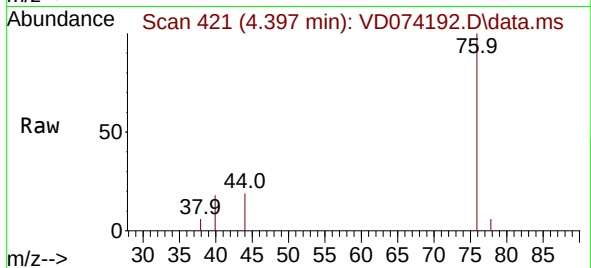
Tgt Ion: 43 Resp: 7238
Ion Ratio Lower Upper
43 100
58 21.8 22.1 33.1#





#17
Carbon Disulfide
Concen: 3.609 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

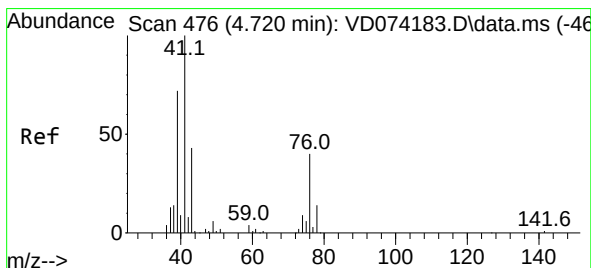
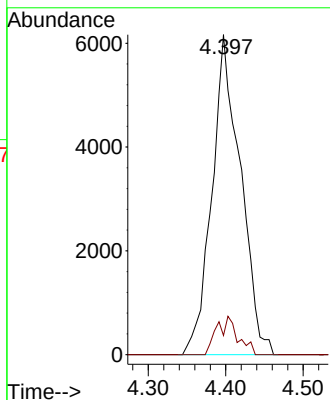
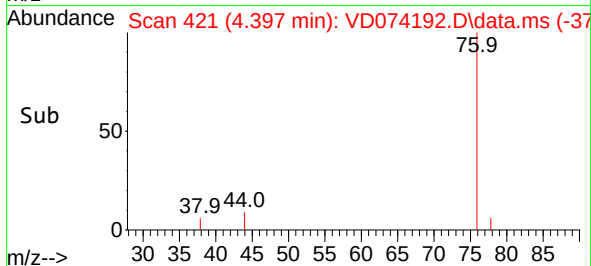
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 76 Resp: 15829
Ion Ratio Lower Upper
76 100
78 6.0 7.5 11.3

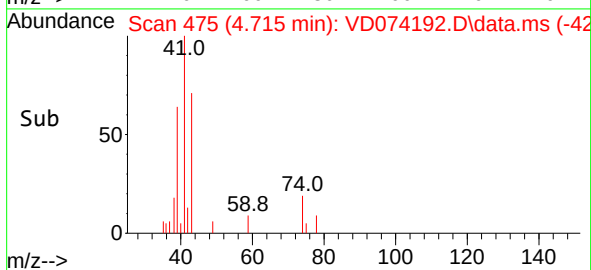
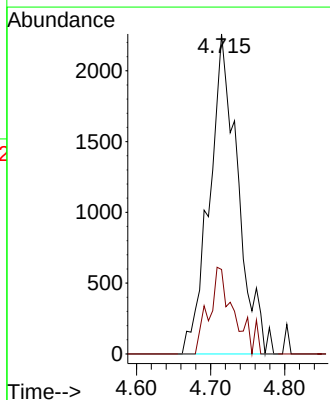
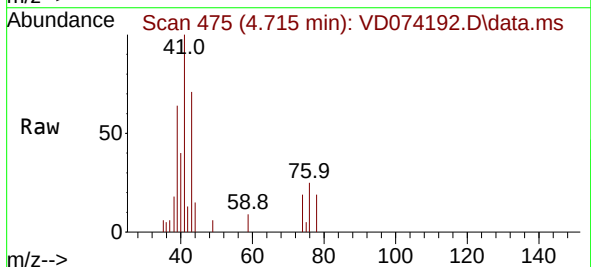
Manual Integrations
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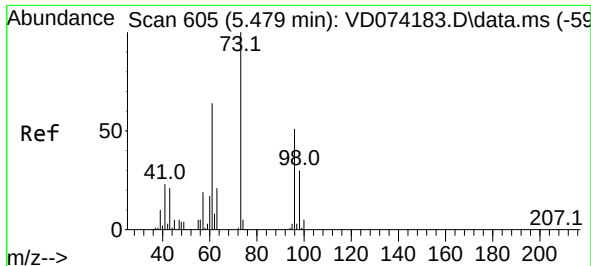
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#18
Methyl Acetate
Concen: 6.468 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Tgt Ion: 43 Resp: 6027
Ion Ratio Lower Upper
43 100
74 23.8 16.7 25.1





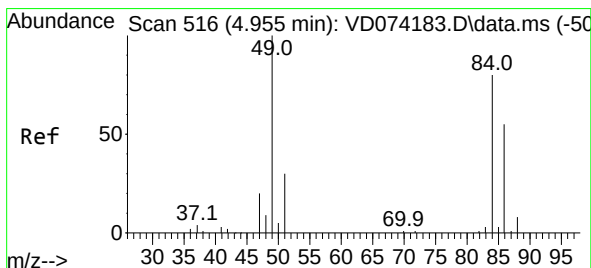
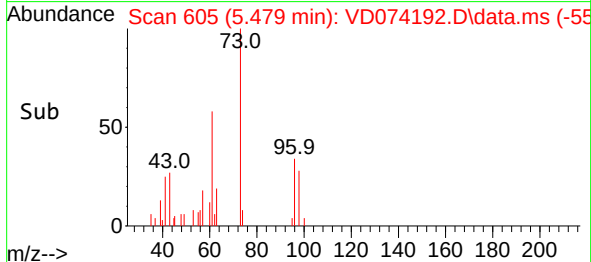
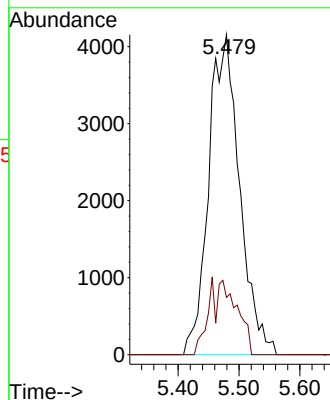
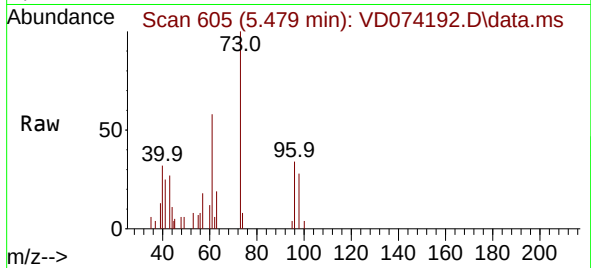
#19
Methyl tert-butyl Ether
Concen: 4.086 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

Tgt Ion: 73 Resp: 14658
Ion Ratio Lower Upper
73 100
57 17.9 18.0 27.0

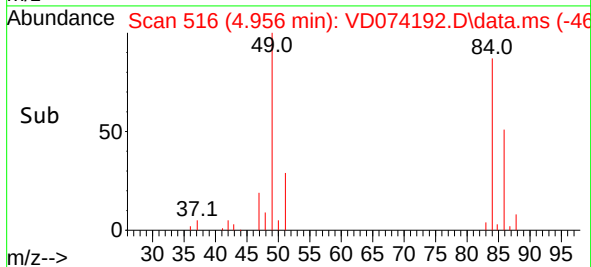
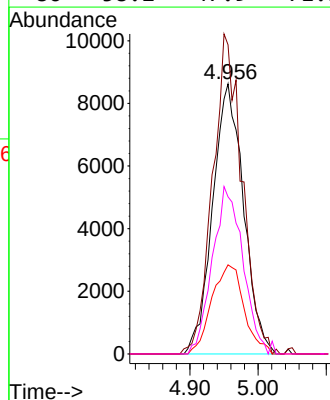
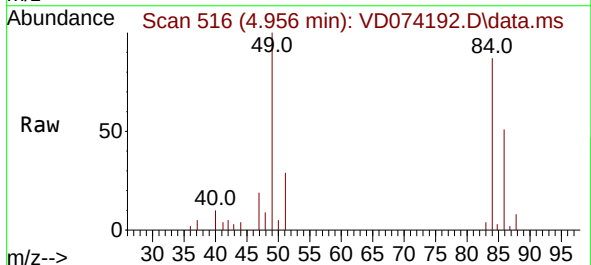
Manual Integrations
APPROVED

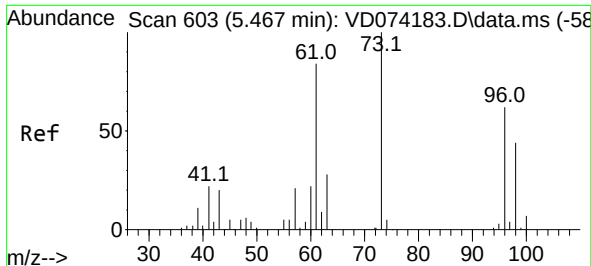
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#20
Methylene Chloride
Concen: 11.737 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

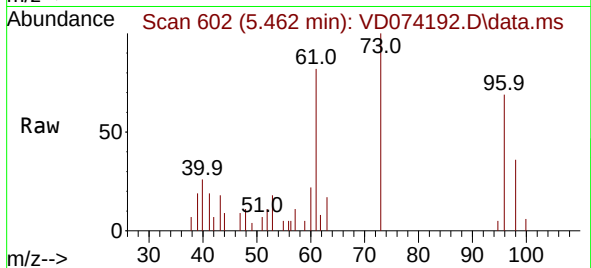
Tgt Ion: 84 Resp: 27174
Ion Ratio Lower Upper
84 100
49 114.5 112.8 169.2
51 33.0 32.6 48.8
86 58.2 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 4.271 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

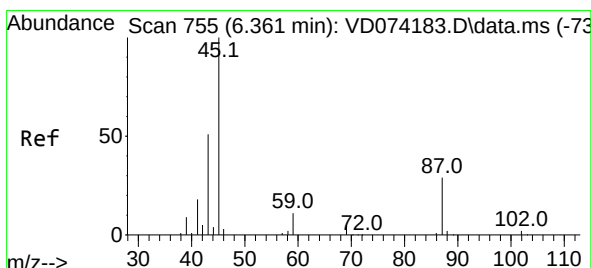
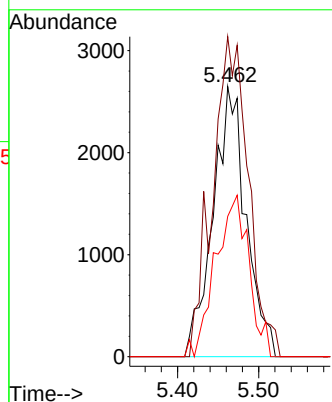
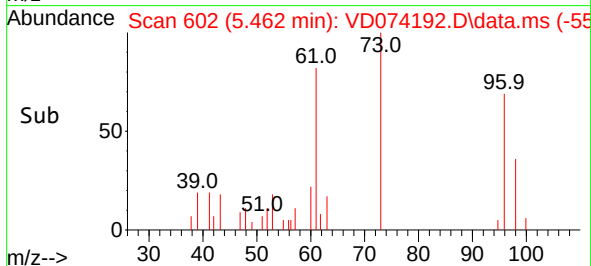
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



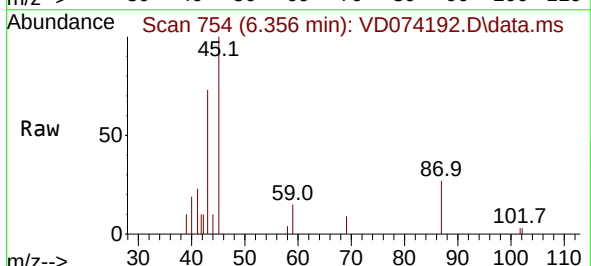
Tgt Ion: 96 Resp: 7482
Ion Ratio Lower Upper
96 100
61 118.5 117.9 176.9
98 51.9 49.4 74.2

Manual Integrations
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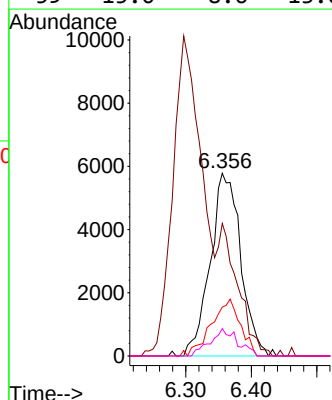
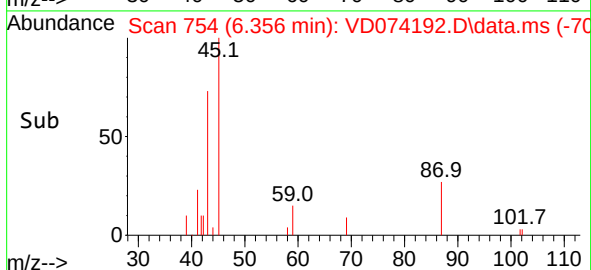
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

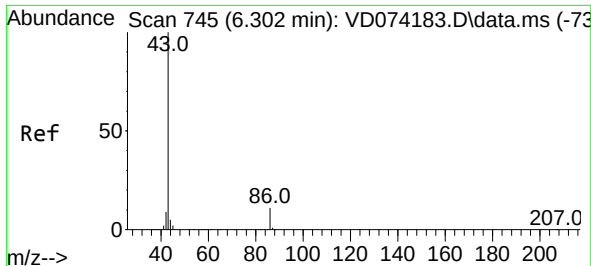


#22
Diisopropyl ether
Concen: 3.882 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45



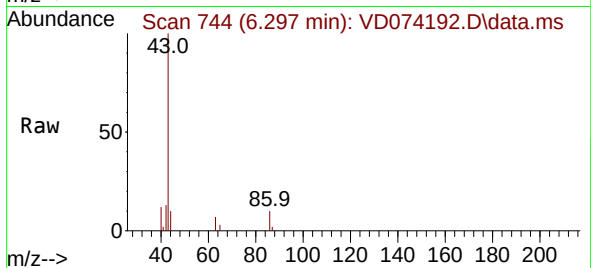
Tgt Ion: 45 Resp: 18674
Ion Ratio Lower Upper
45 100
43 69.5 46.6 70.0
87 26.7 18.4 27.6
59 15.0 8.6 13.0#





#23
 Vinyl Acetate
 Concen: 16.380 ug/l m
 RT: 6.297 min Scan# 74
 Delta R.T. -0.005 min
 Lab File: VD074192.D
 Acq: 23 Aug 2022 18:45

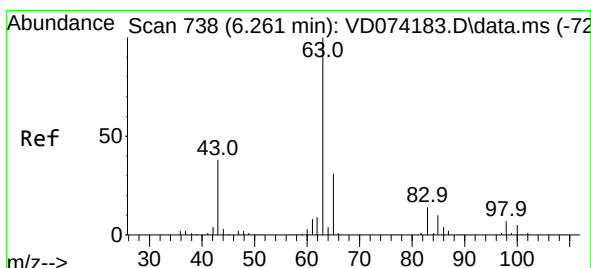
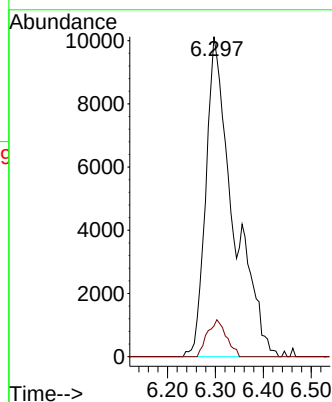
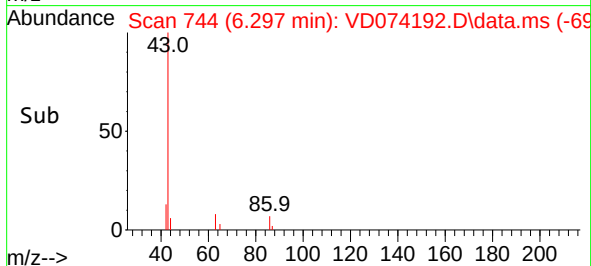
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2022



Tgt Ion: 43 Resp: 4027
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.1 10.7

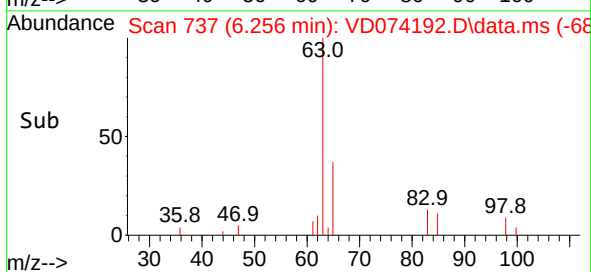
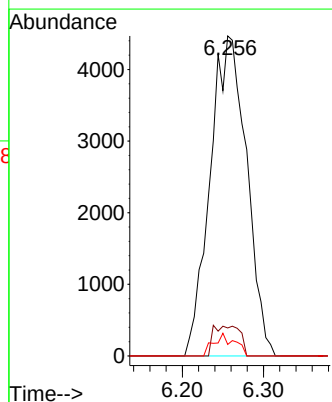
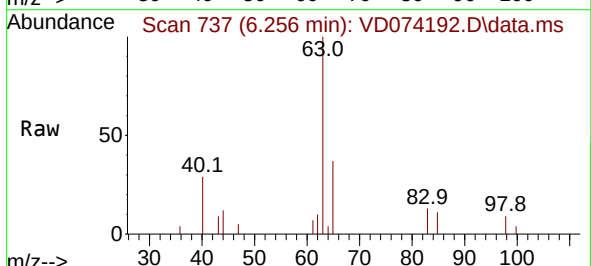
Manual Integrations
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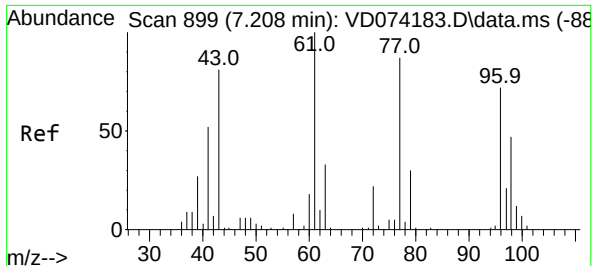
Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022



#24
 1,1-Dichloroethane
 Concen: 4.403 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD074192.D
 Acq: 23 Aug 2022 18:45

Tgt Ion: 63 Resp: 13962
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 27.388 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.001 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion: 43 Resp: 1253

Ion Ratio Lower Upper

43 100

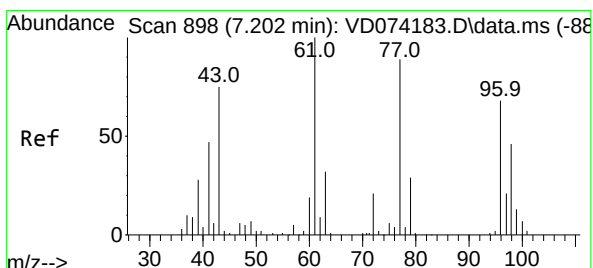
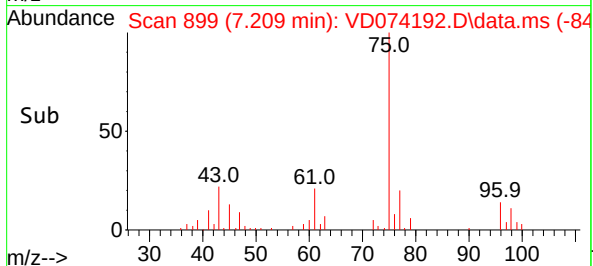
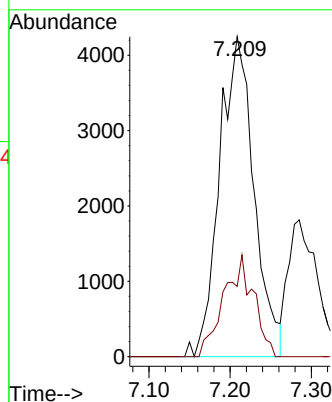
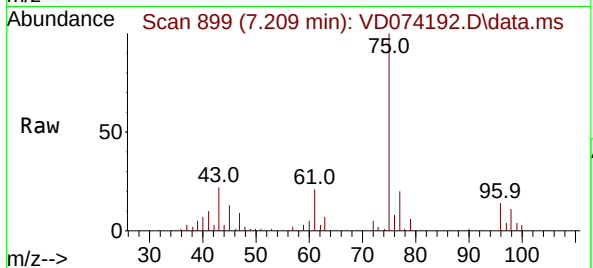
72 22.0 18.6 27.8

Manual Integrations

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Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#26

2,2-Dichloropropane

Concen: 5.121 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.001 min

Lab File: VD074192.D

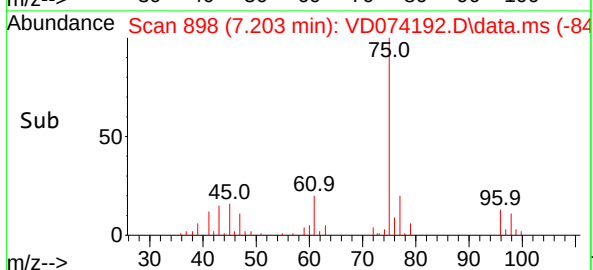
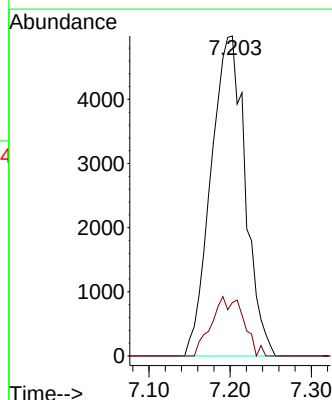
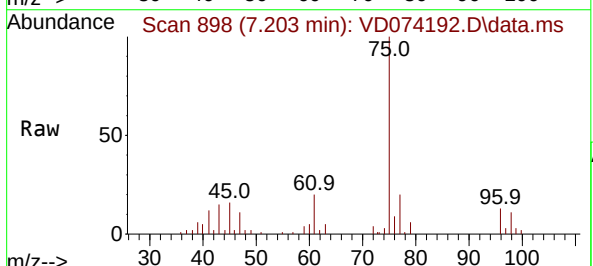
Acq: 23 Aug 2022 18:45

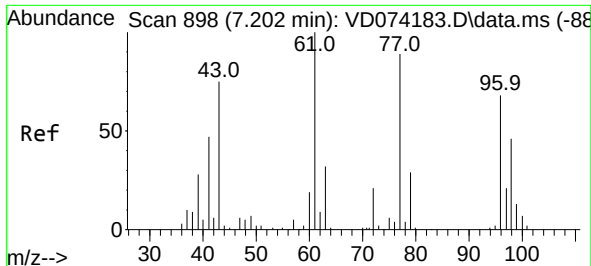
Tgt Ion: 77 Resp: 14632

Ion Ratio Lower Upper

77 100

97 17.2 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 4.239 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.001 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2022

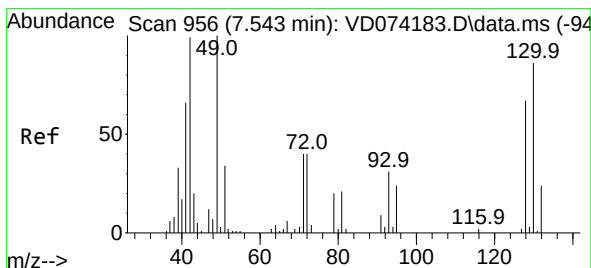
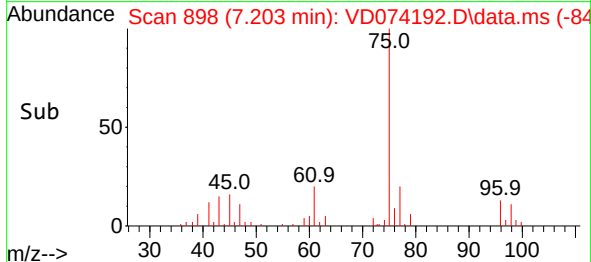
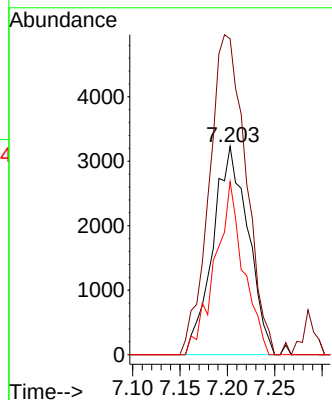
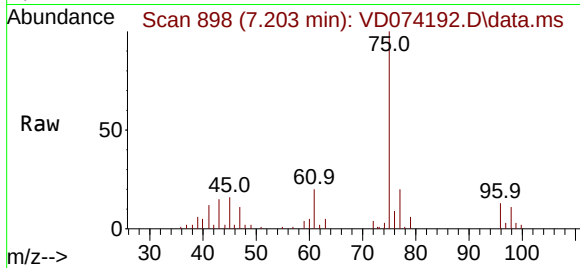
Tgt Ion:	96	Resp:	834
Ion Ratio	Lower	Upper	
96	100		
61	160.9	0.0	313.8
98	67.5	0.0	128.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#28

Bromochloromethane

Concen: 4.854 ug/l

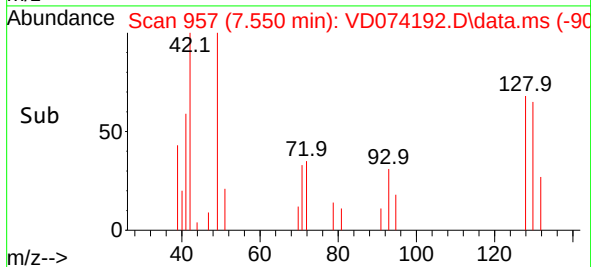
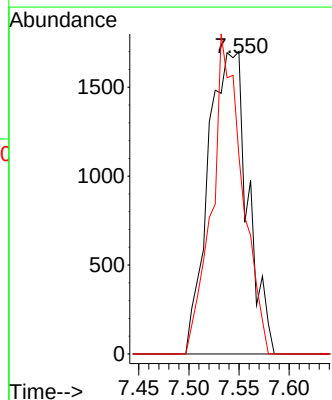
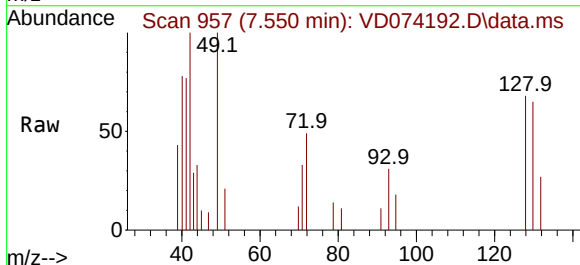
RT: 7.550 min Scan# 957

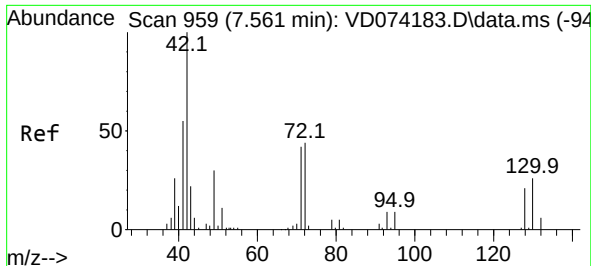
Delta R.T. 0.007 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Tgt Ion:	49	Resp:	4653
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	4.0
130	81.0	52.6	79.0#





#29

Tetrahydrofuran

Concen: 20.629 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.001 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2022

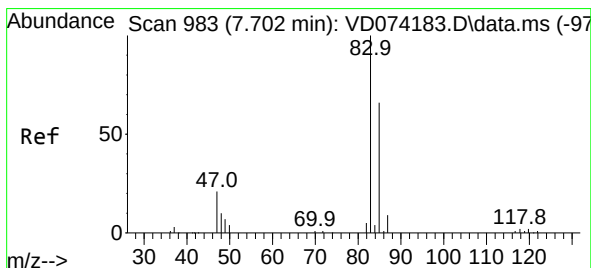
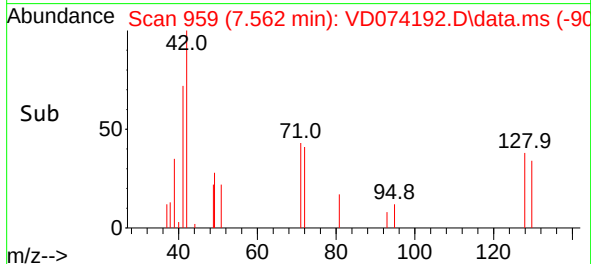
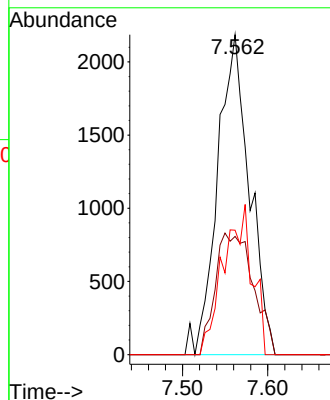
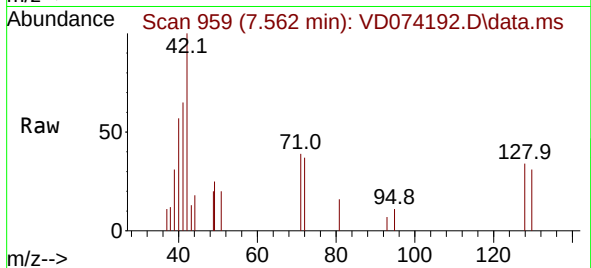
Tgt Ion:	42	Resp:	569
Ion Ratio	Lower	Upper	
42	100		
72	0.0	30.7	46.1
71	42.2	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#30

Chloroform

Concen: 4.492 ug/l

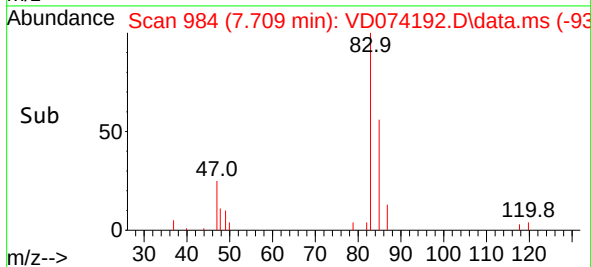
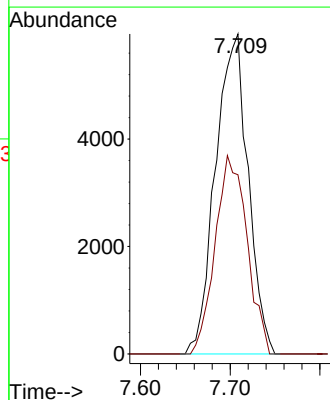
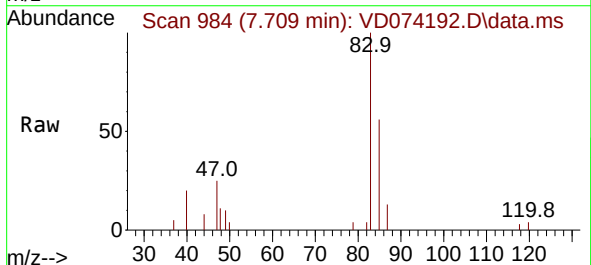
RT: 7.709 min Scan# 984

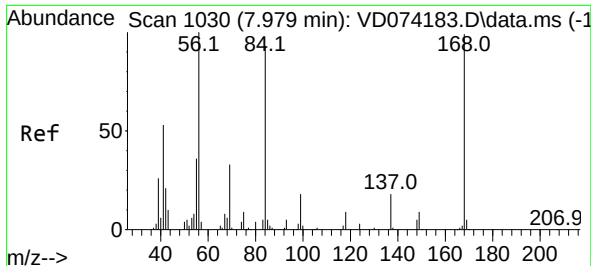
Delta R.T. 0.007 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

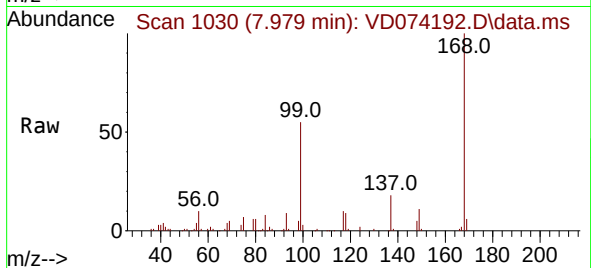
Tgt Ion:	83	Resp:	15020
Ion Ratio	Lower	Upper	
83	100		
85	56.0	52.7	79.1





#31
Cyclohexane
Concen: 4.777 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

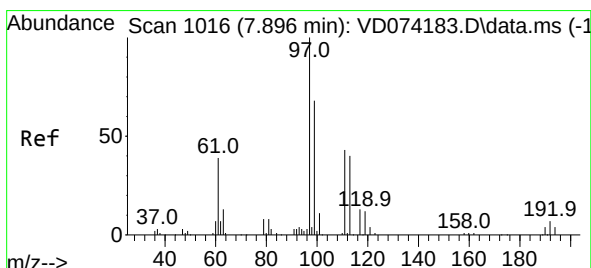
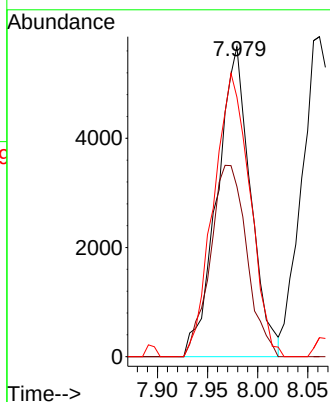
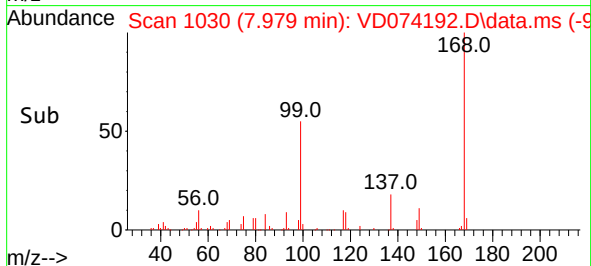
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 56 Resp: 1319
Ion Ratio Lower Upper
56 100
69 54.9 25.4 38.2
84 83.7 63.0 94.4

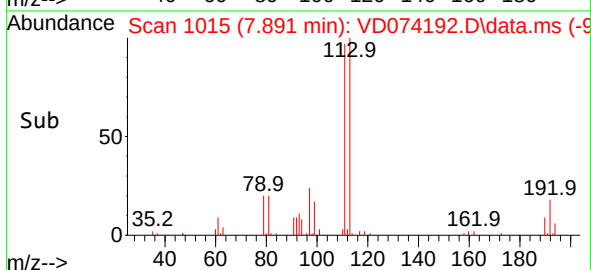
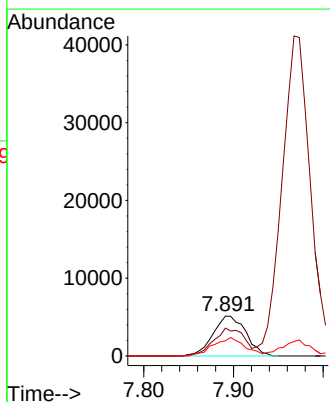
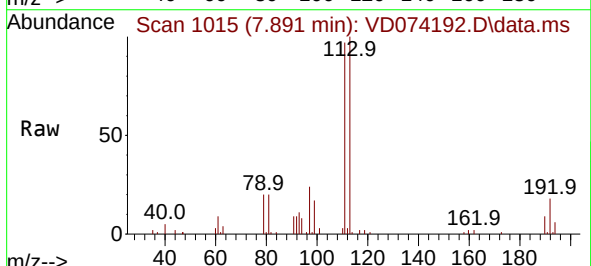
Manual Integrations
APPROVED

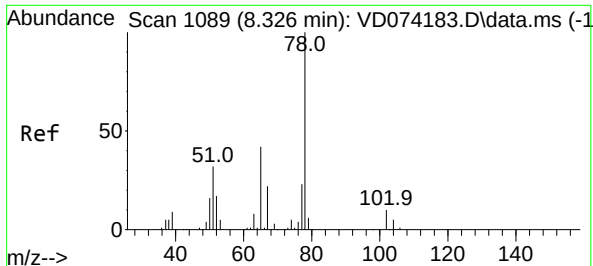
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#32
1,1,1-Trichloroethane
Concen: 4.193 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Tgt Ion: 97 Resp: 12991
Ion Ratio Lower Upper
97 100
99 65.1 52.4 78.6
61 44.0 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 46.521 ug/l

RT: 8.320 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2022

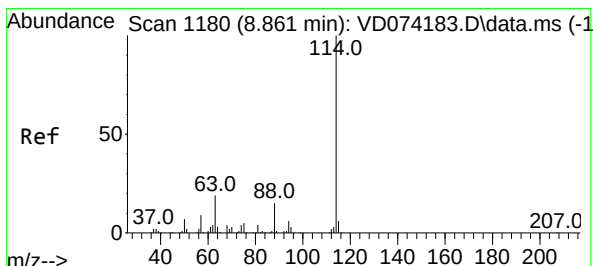
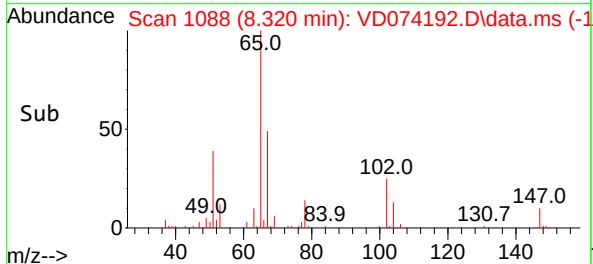
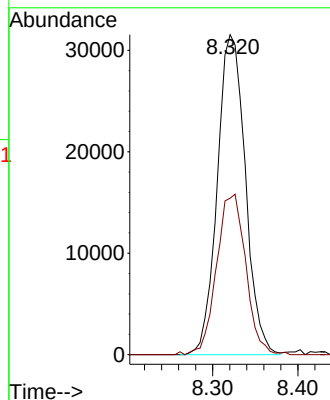
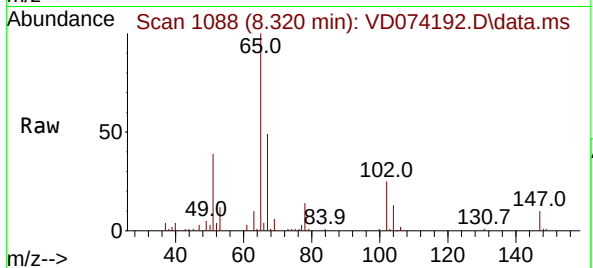
Tgt Ion: 65 Resp: 72179
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

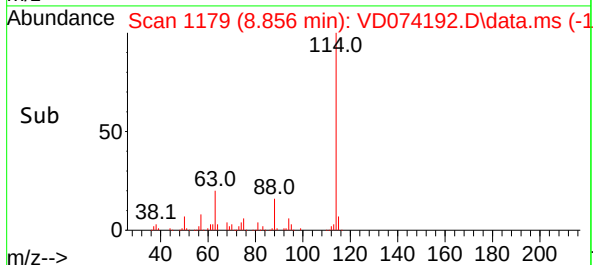
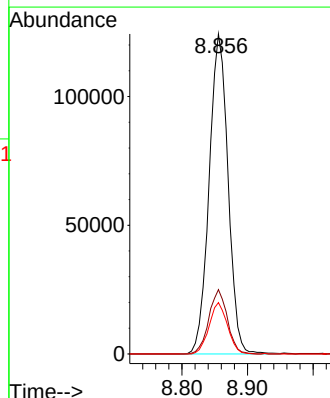
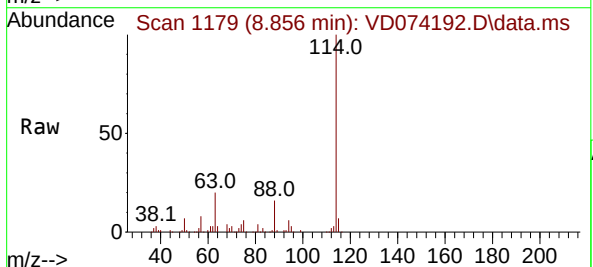
RT: 8.856 min Scan# 1179

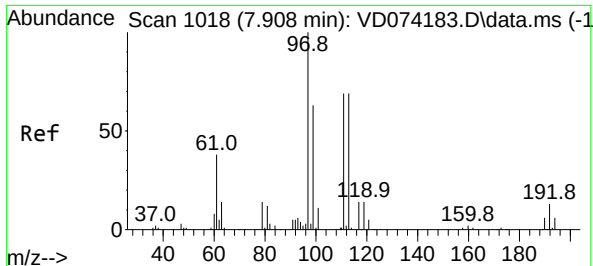
Delta R.T. -0.005 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Tgt Ion:114 Resp: 248859
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 46.6
 88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.408 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2022

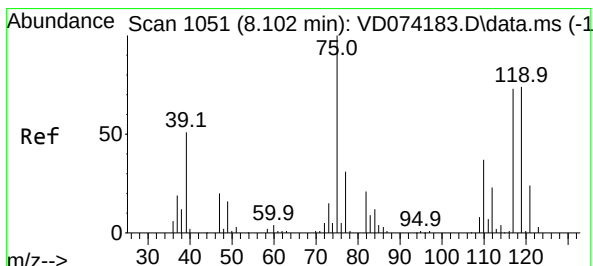
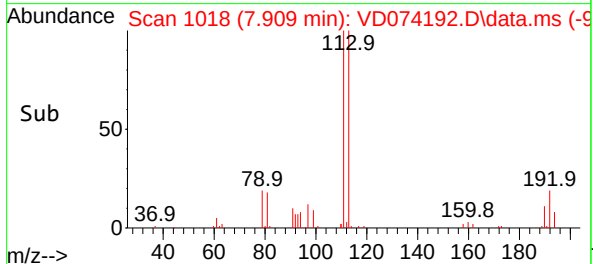
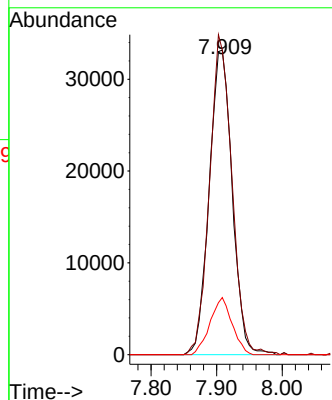
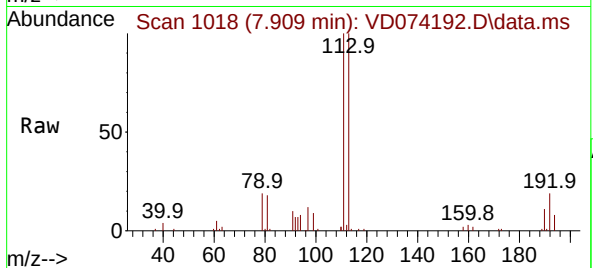
Tgt Ion:	113	Resp:	80579
Ion Ratio	Lower	Upper	
113	100		
111	102.4	83.8	125.6
192	18.1	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#36

1,1-Dichloropropene

Concen: 4.171 ug/l

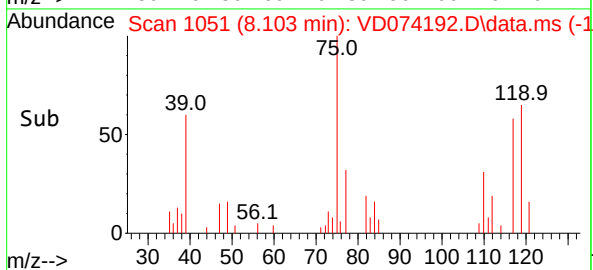
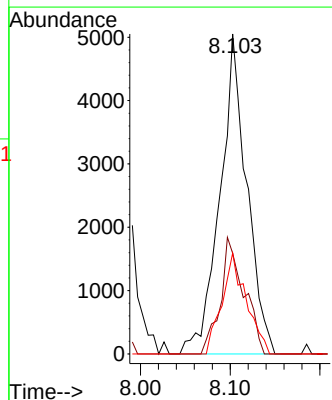
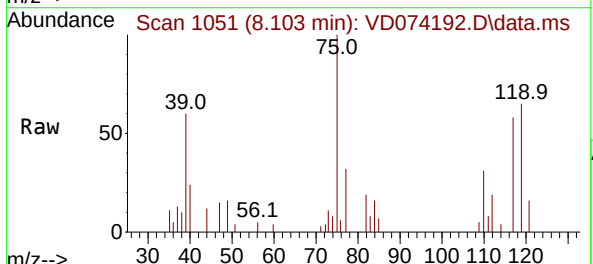
RT: 8.103 min Scan# 1051

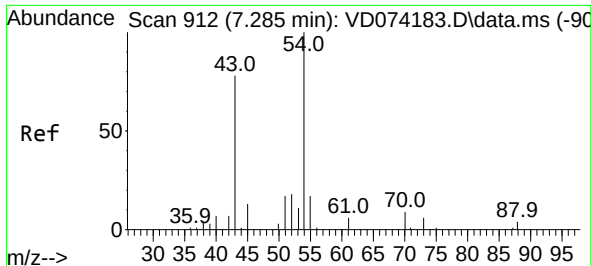
Delta R.T. 0.001 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Tgt Ion:	75	Resp:	10494
Ion Ratio	Lower	Upper	
75	100		
110	32.0	16.4	49.1
77	28.7	24.2	36.2





#37

Ethyl Acetate

Concen: 4.857 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion: 43 Resp: 4818

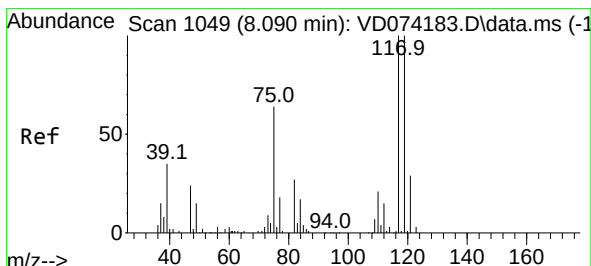
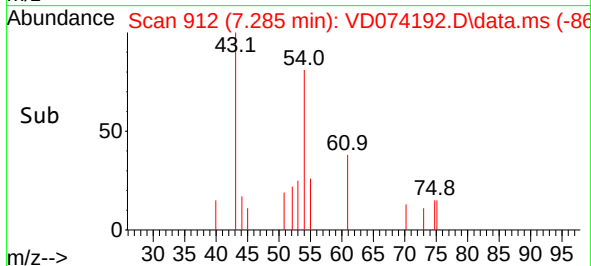
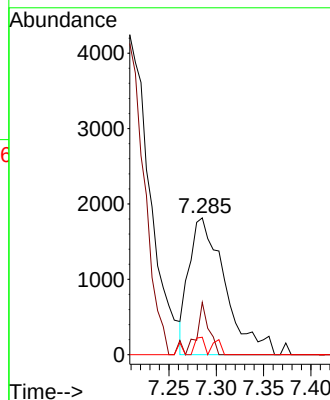
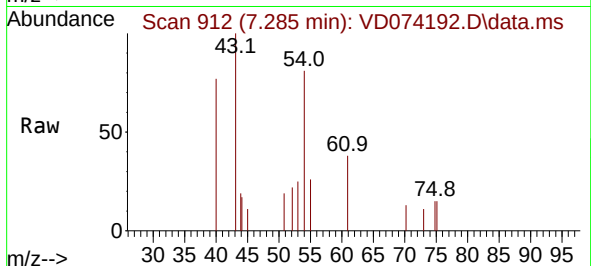
Ion	Ratio	Lower	Upper
43	100		
61	13.7	9.8	14.8
70	3.3	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#38

Carbon Tetrachloride

Concen: 3.903 ug/l

RT: 8.091 min Scan# 1049

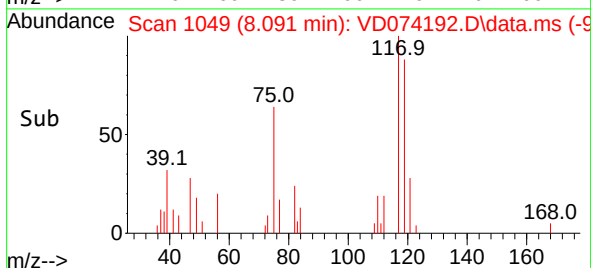
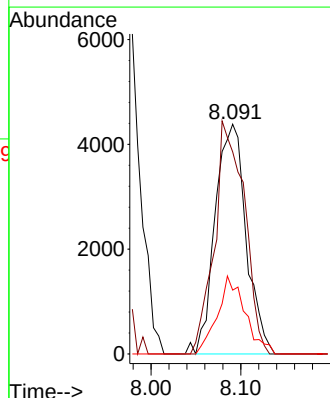
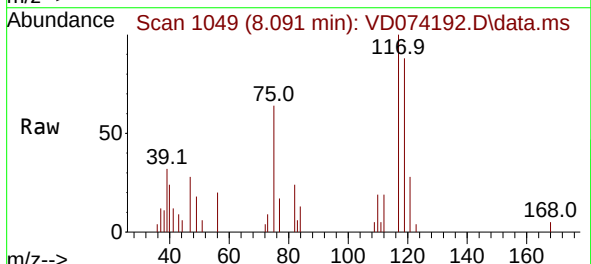
Delta R.T. 0.001 min

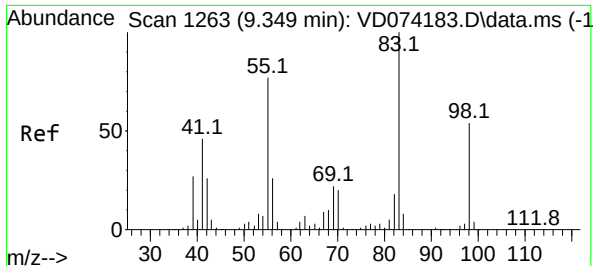
Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Tgt Ion:117 Resp: 10548

Ion	Ratio	Lower	Upper
117	100		
119	88.0	75.8	113.6
121	27.8	24.5	36.7





#39

Methylcyclohexane

Concen: 3.680 ug/l

RT: 9.350 min Scan# 1056

Delta R.T. 0.001 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2022

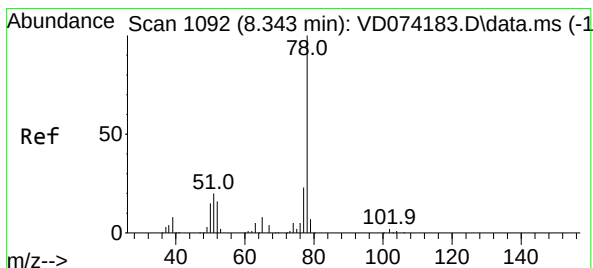
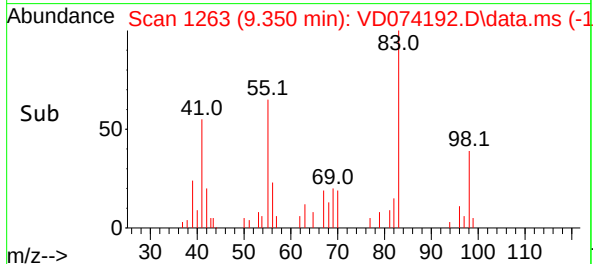
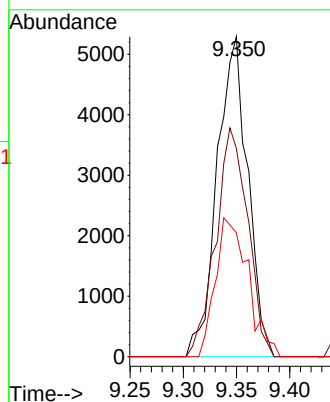
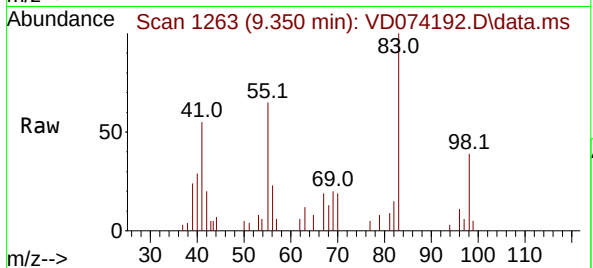
Tgt Ion: 83	Resp: 1056
Ion Ratio	Lower Upper
83	100
55	65.0 63.2 94.8
98	38.7 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#40

Benzene

Concen: 4.095 ug/l

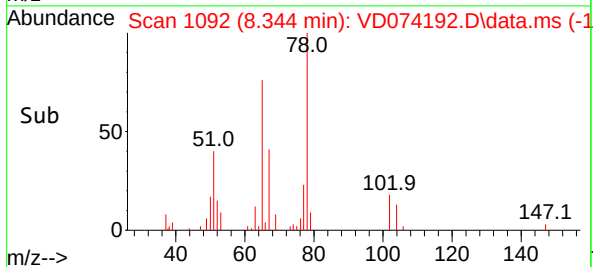
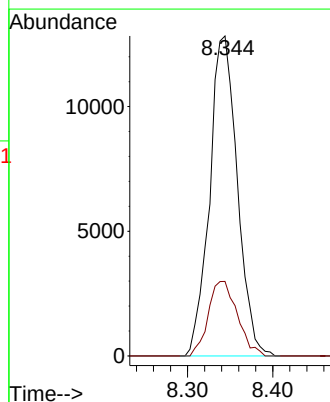
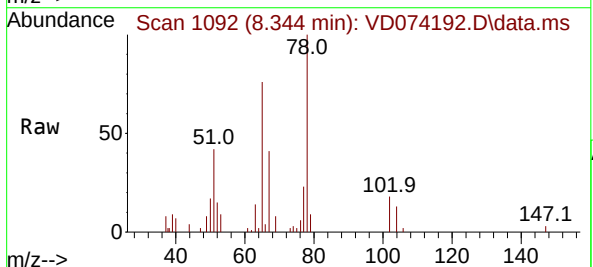
RT: 8.344 min Scan# 1092

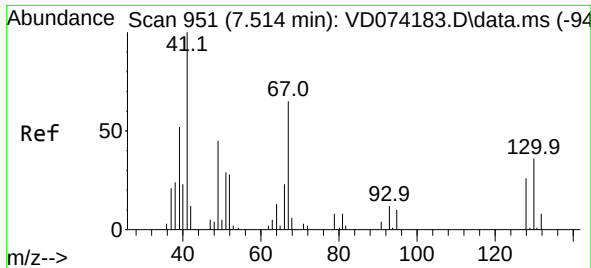
Delta R.T. 0.001 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

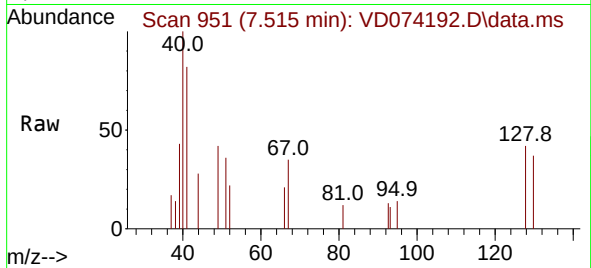
Tgt Ion: 78	Resp: 29042
Ion Ratio	Lower Upper
78	100
77	23.3 19.1 28.7





#41
Methacrylonitrile
Concen: 3.539 ug/l
RT: 7.515 min Scan# 910
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

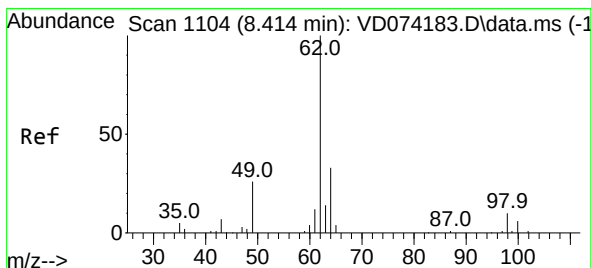
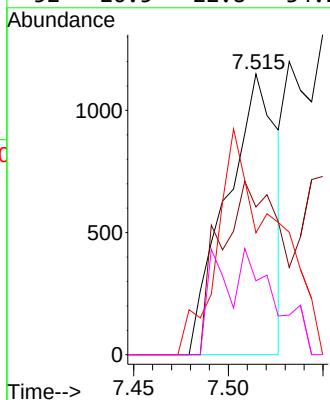
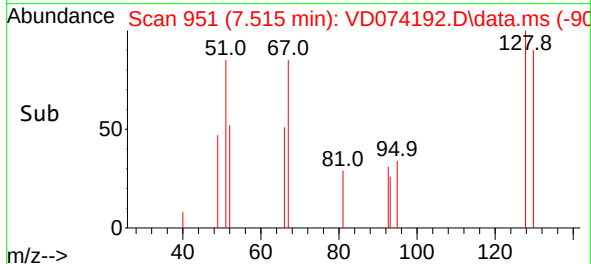
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 41 Resp: 2110
Ion Ratio Lower Upper
41 100
39 72.6 44.6 67.0
67 92.7 48.2 72.4
52 26.5 22.8 34.2

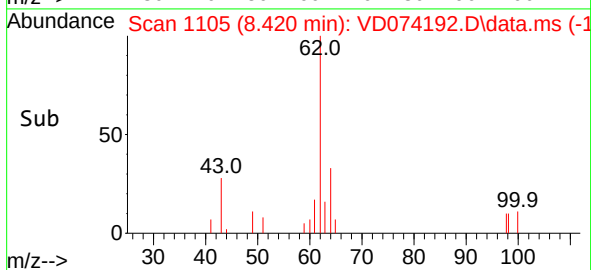
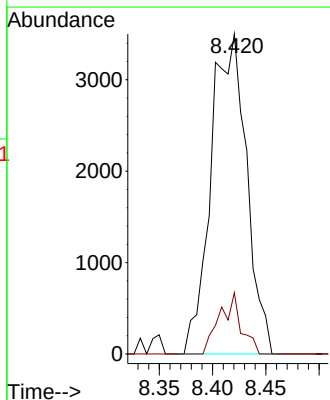
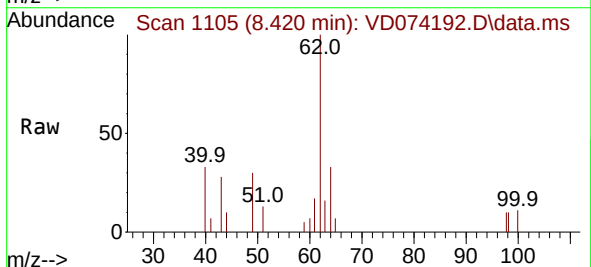
Manual Integrations
APPROVED

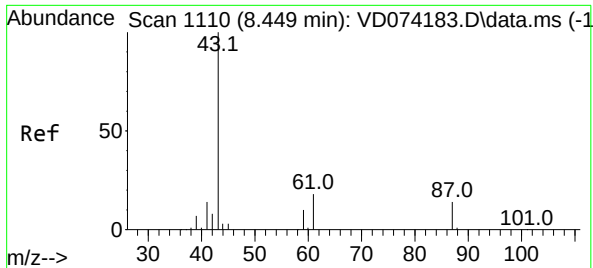
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#42
1,2-Dichloroethane
Concen: 3.888 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

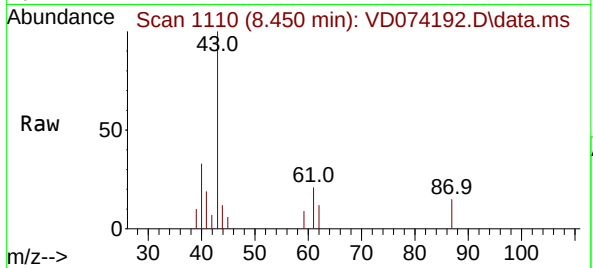
Tgt Ion: 62 Resp: 8128
Ion Ratio Lower Upper
62 100
98 11.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 3.838 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

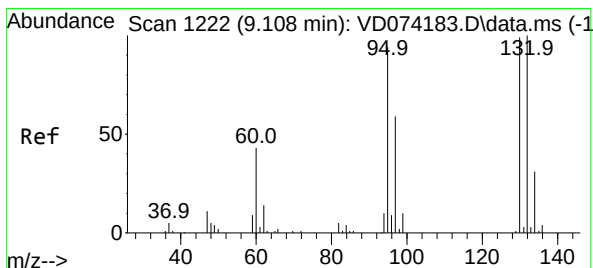
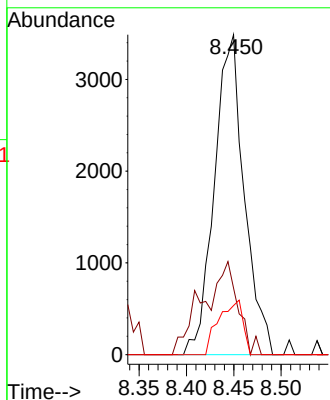
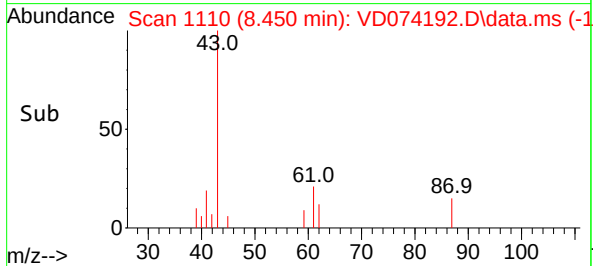
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2022



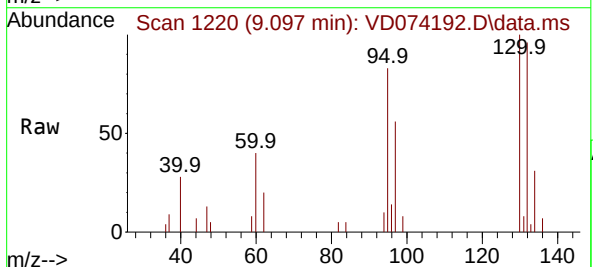
Tgt Ion: 43 Resp: 7658
Ion Ratio Lower Upper
43 100
61 20.3 22.4 33.6
87 13.7 8.7 13.1

Manual Integrations
APPROVED

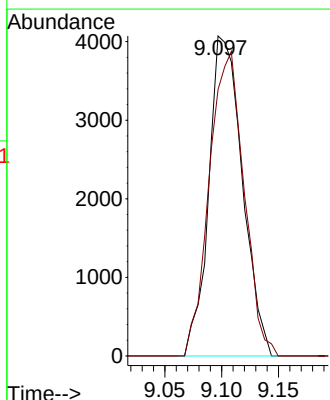
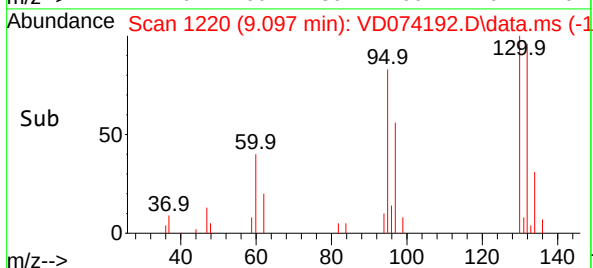
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

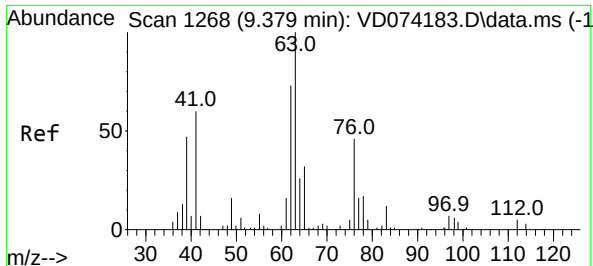


#44
Trichloroethene
Concen: 4.067 ug/l
RT: 9.097 min Scan# 1220
Delta R.T. -0.011 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45



Tgt Ion:130 Resp: 8362
Ion Ratio Lower Upper
130 100
95 83.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 4.546 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2022

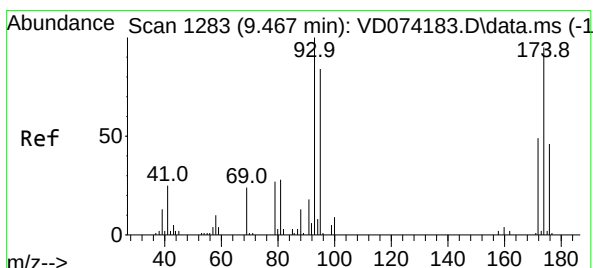
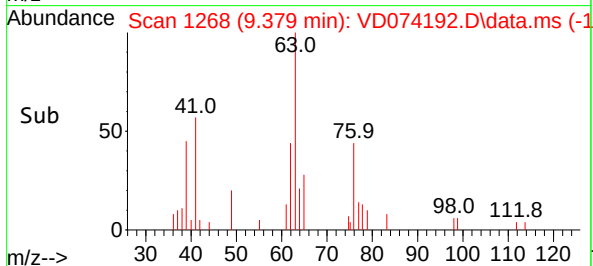
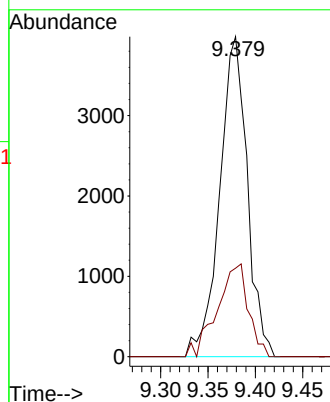
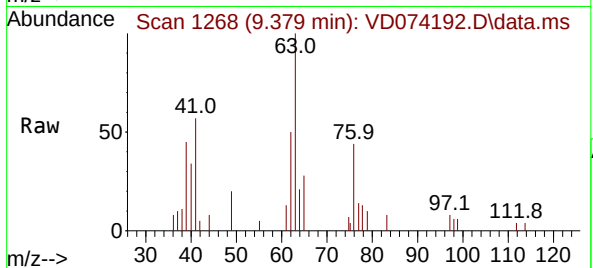
Tgt Ion: 63 Resp: 804
 Ion Ratio Lower Upper
 63 100
 65 27.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#46

Dibromomethane

Concen: 4.287 ug/l

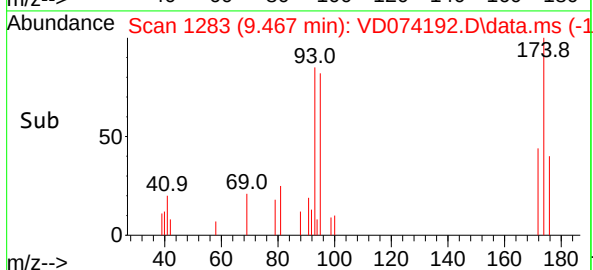
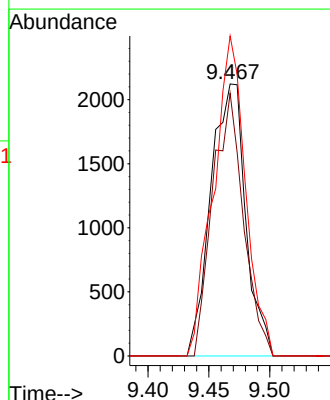
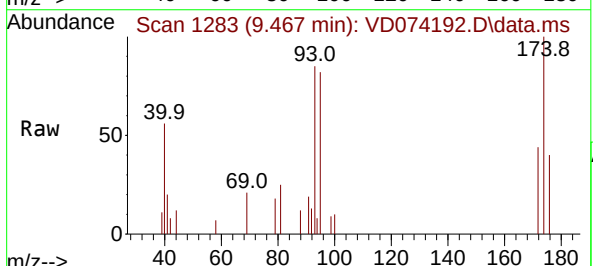
RT: 9.467 min Scan# 1283

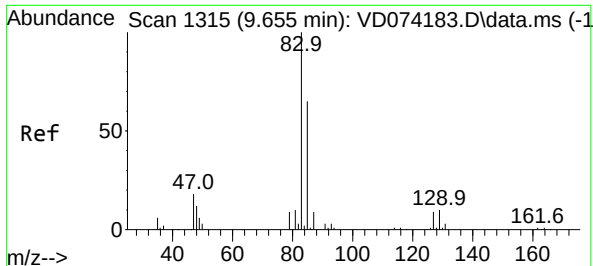
Delta R.T. 0.000 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Tgt Ion: 93 Resp: 4234
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.7 100.1
 174 108.2 71.6 107.4#





#47

Bromodichloromethane

Concen: 4.131 ug/l

RT: 9.650 min Scan# 1315

Delta R.T. -0.005 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2022

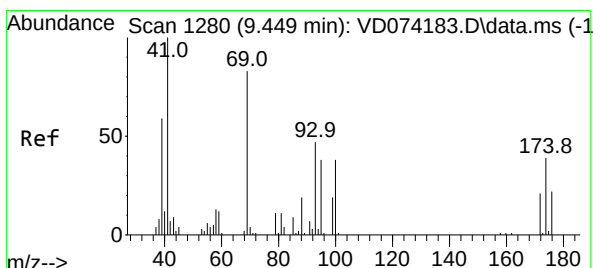
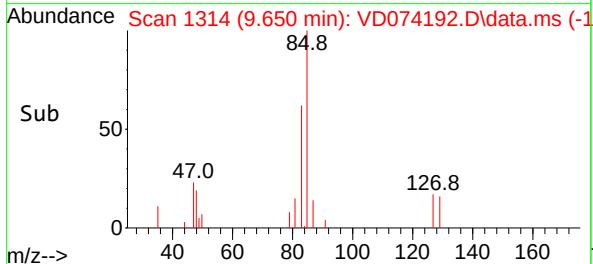
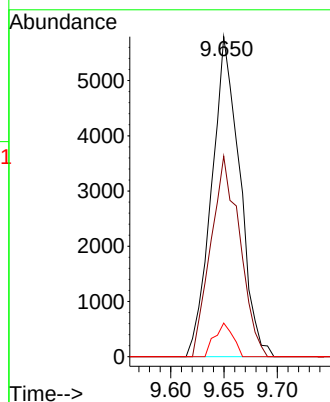
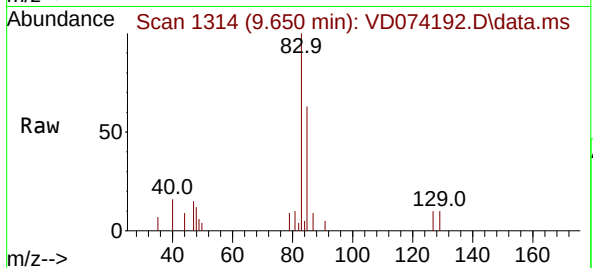
Tgt Ion: 83	Resp: 1061
Ion Ratio	Lower Upper
83	100
85	62.6 51.4 77.0
127	10.5 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#48

Methyl methacrylate

Concen: 3.745 ug/l

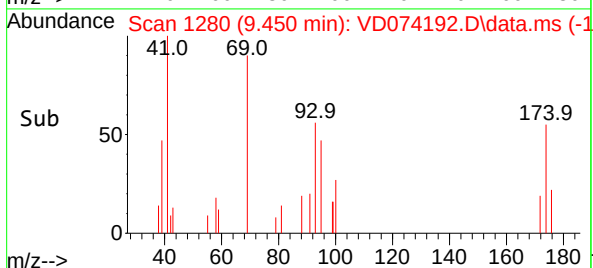
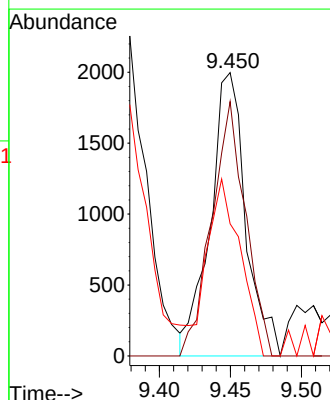
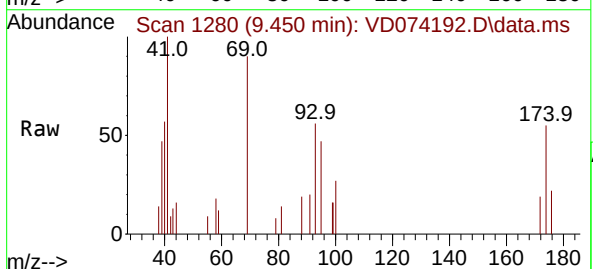
RT: 9.450 min Scan# 1280

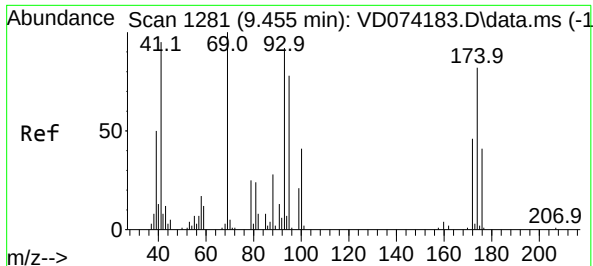
Delta R.T. 0.001 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Tgt Ion: 41	Resp: 3455
Ion Ratio	Lower Upper
41	100
69	86.4 56.7 85.1
39	58.4 42.7 64.1





#49

1,4-Dioxane

Concen: 66.924 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.011 min

Lab File: VD074192.D

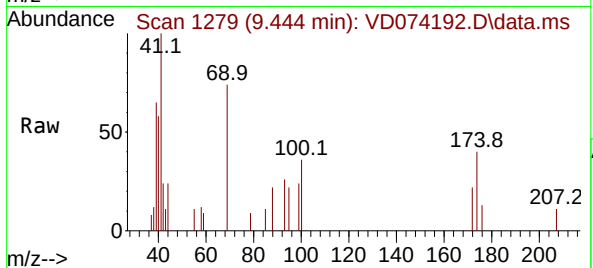
Acq: 23 Aug 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2022



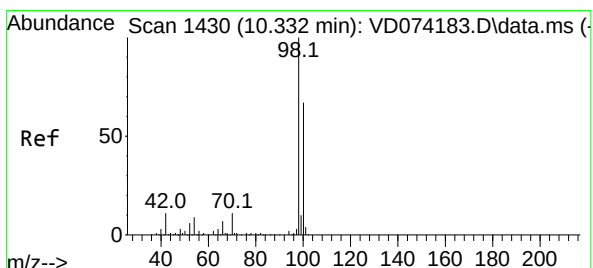
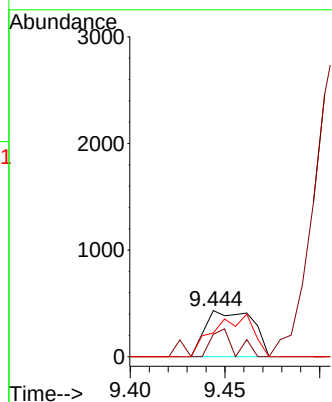
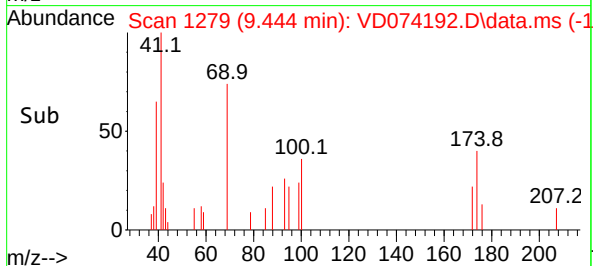
Tgt Ion:	88	Resp:	750
Ion	Ratio	Lower	Upper
88	100		
43	29.7	31.0	46.4
58	76.3	58.1	87.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#50

Toluene-d8

Concen: 44.105 ug/l

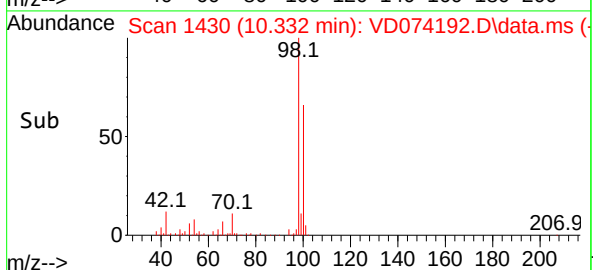
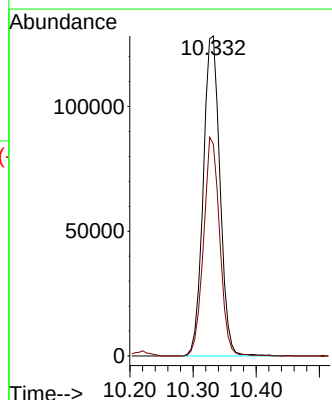
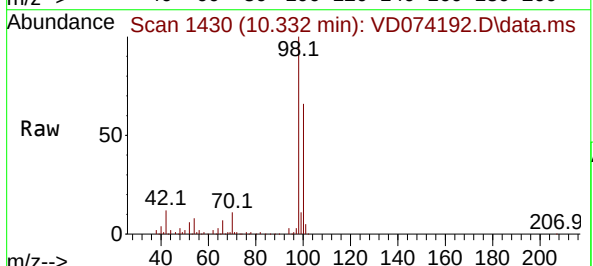
RT: 10.332 min Scan# 1430

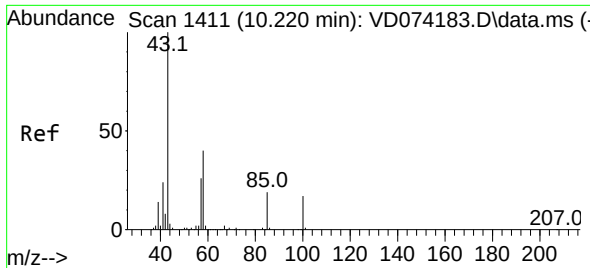
Delta R.T. 0.000 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

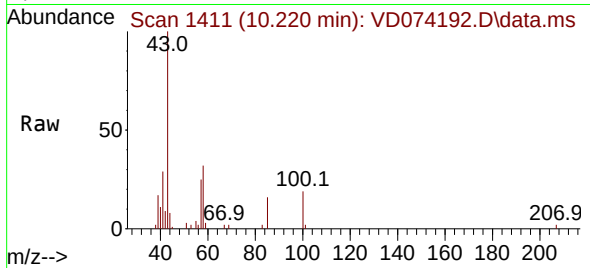
Tgt Ion:	98	Resp:	236283
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





#51
4-Methyl-2-Pentanone
Concen: 19.236 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

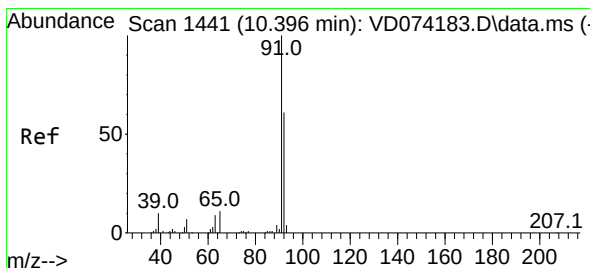
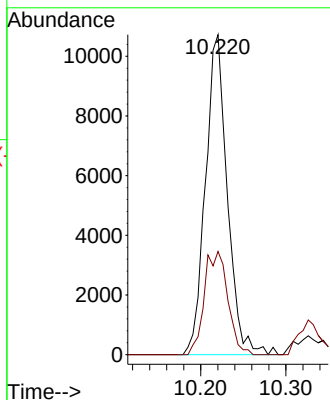
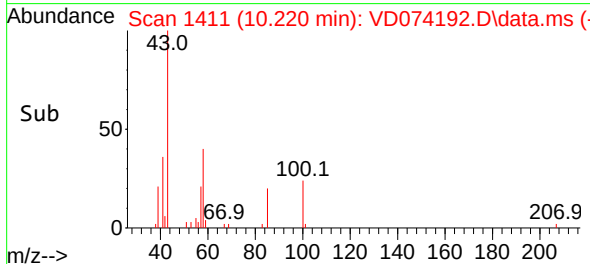
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 43 Resp: 19170
Ion Ratio Lower Upper
43 100
58 34.5 28.6 43.0

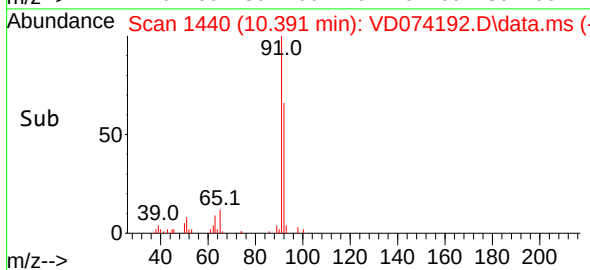
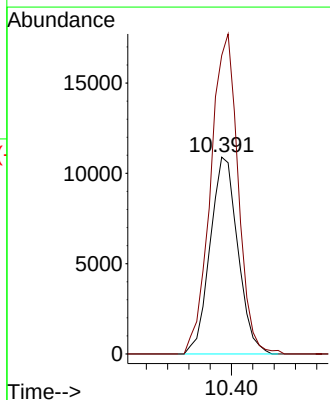
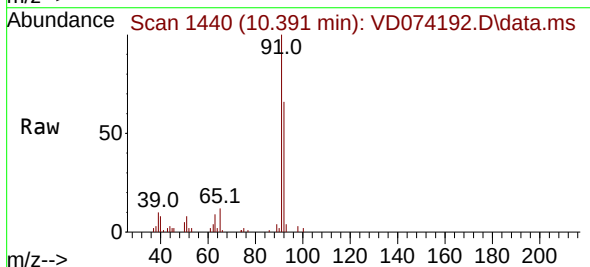
Manual Integrations
APPROVED

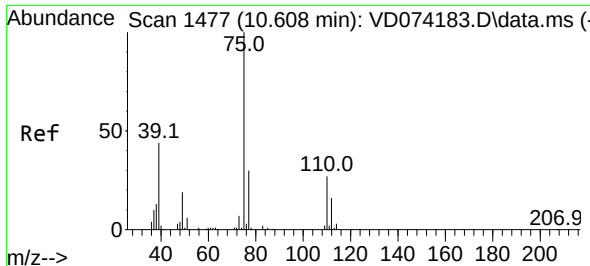
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#52
Toluene
Concen: 4.221 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

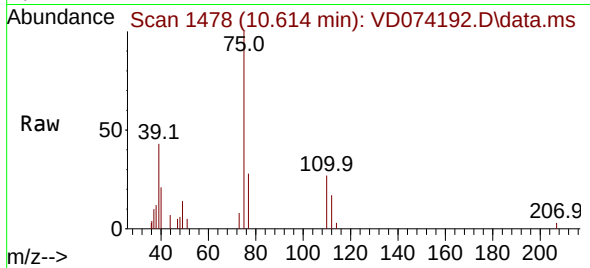
Tgt Ion: 92 Resp: 19677
Ion Ratio Lower Upper
92 100
91 161.5 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 4.000 ug/l
RT: 10.614 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

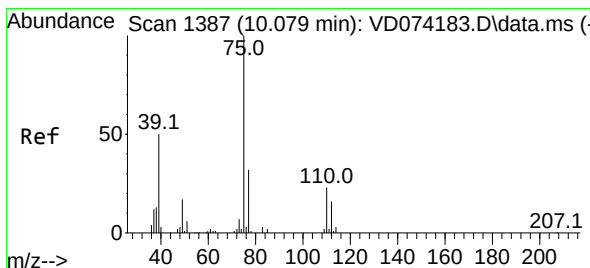
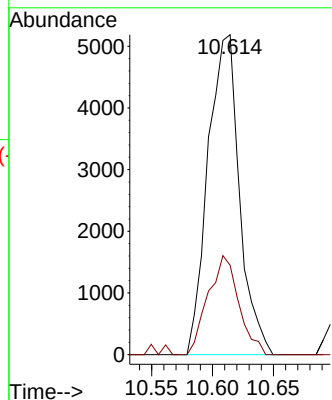
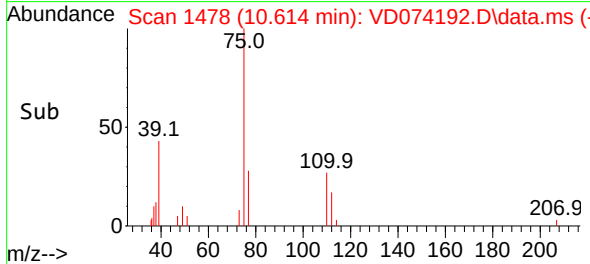
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 75 Resp: 9319
Ion Ratio Lower Upper
75 100
77 27.9 24.5 36.7

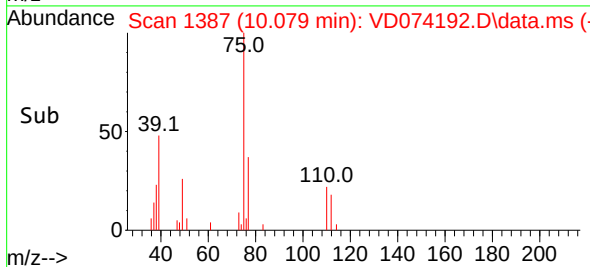
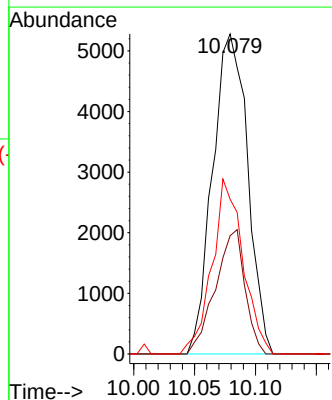
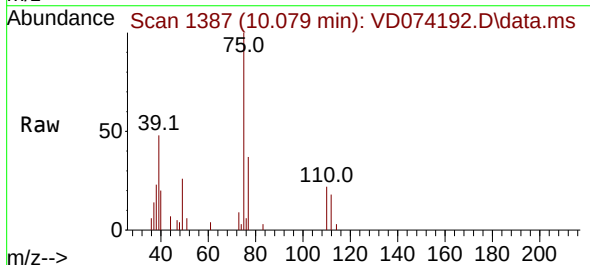
Manual Integrations
APPROVED

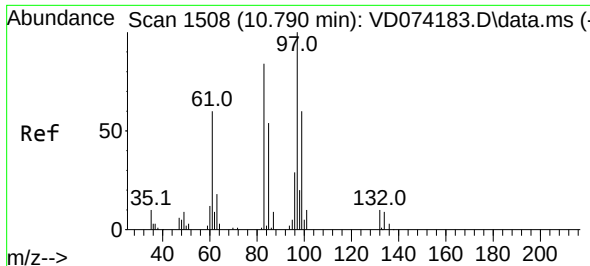
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#54
cis-1,3-Dichloropropene
Concen: 3.825 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

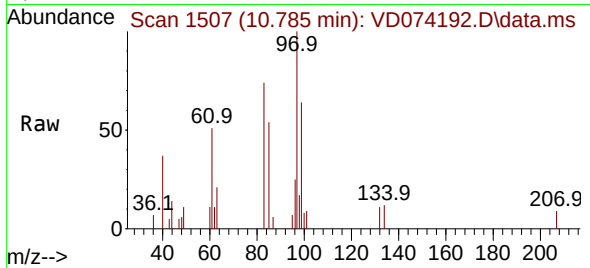
Tgt Ion: 75 Resp: 10566
Ion Ratio Lower Upper
75 100
77 37.0 24.8 37.2
39 48.4 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 4.543 ug/l
RT: 10.785 min Scan# 1508
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

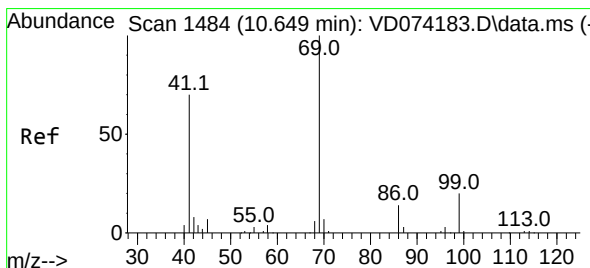
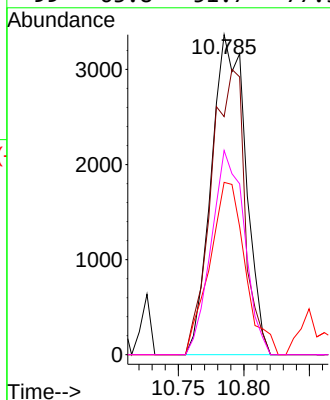
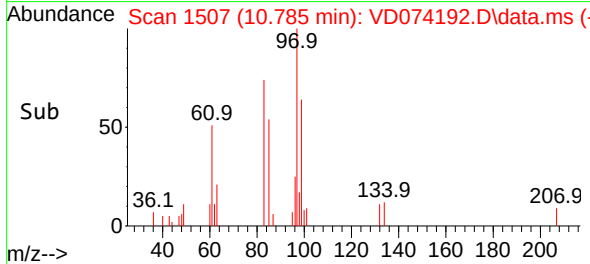
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2022



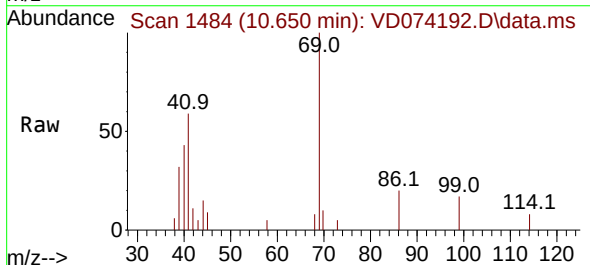
Tgt Ion	Ratio	Lower	Upper
97	100		
83	74.4	69.0	103.4
85	53.9	42.6	63.8
99	63.8	51.7	77.5

Manual Integrations
APPROVED

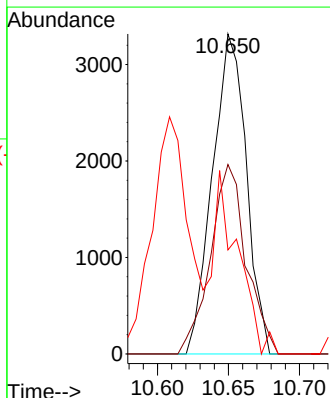
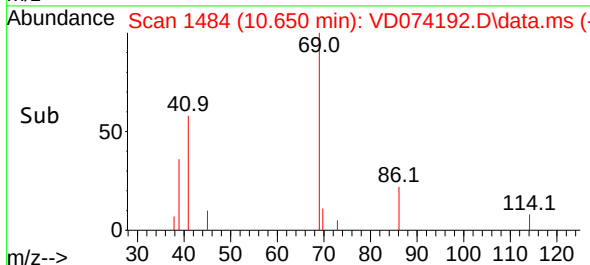
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

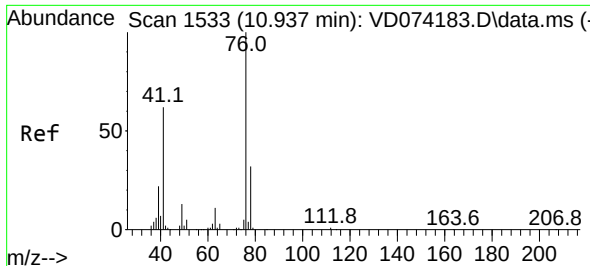


#56
Ethyl methacrylate
Concen: 3.558 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45



Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.8	63.0	94.6
39	42.3	33.8	50.8





#57

1,3-Dichloropropane

Concen: 4.101 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.005 min

Lab File: VD074192.D

Acq: 23 Aug 2022 18:45

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion: 76 Resp: 9250

Ion Ratio Lower Upper

76 100

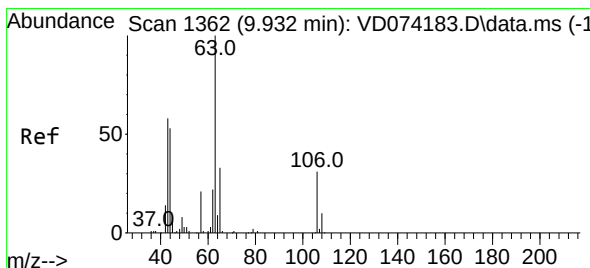
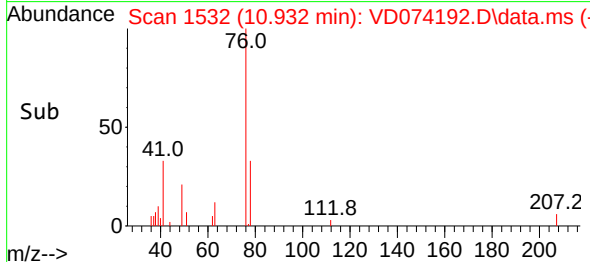
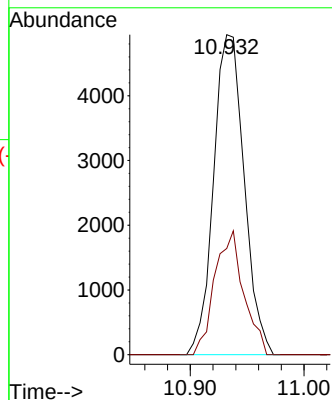
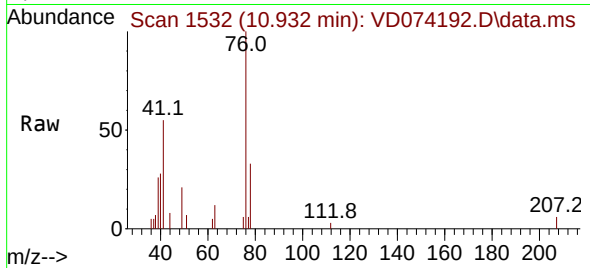
78 36.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#58

2-Chloroethyl Vinyl ether

Concen: 18.380 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD074192.D

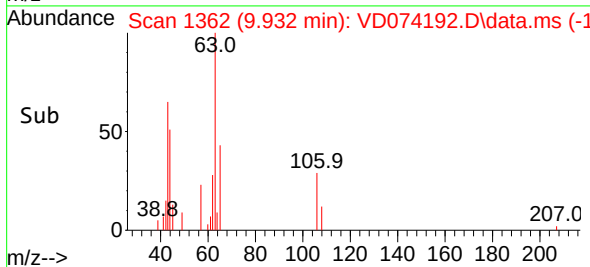
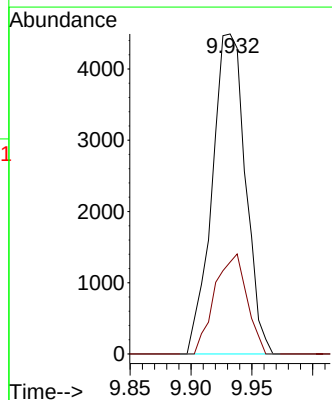
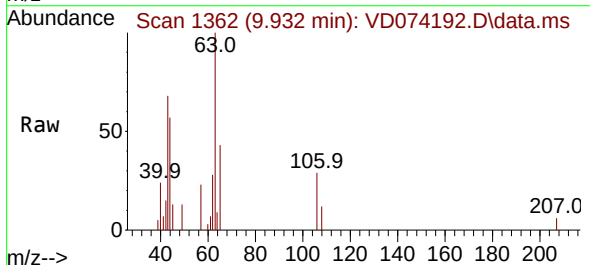
Acq: 23 Aug 2022 18:45

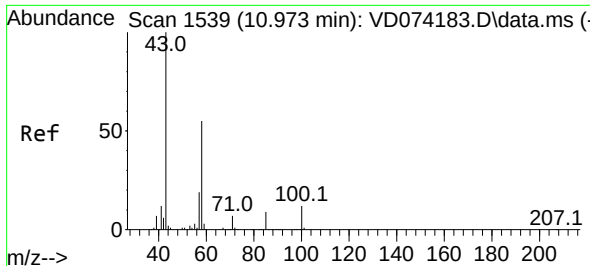
Tgt Ion: 63 Resp: 8585

Ion Ratio Lower Upper

63 100

106 30.0 21.4 32.0





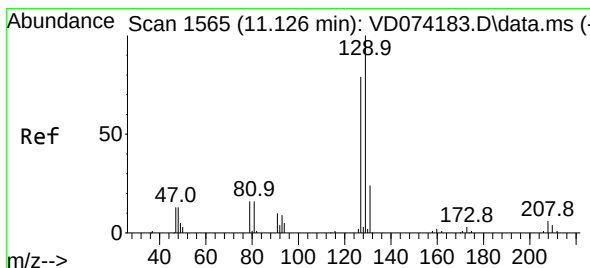
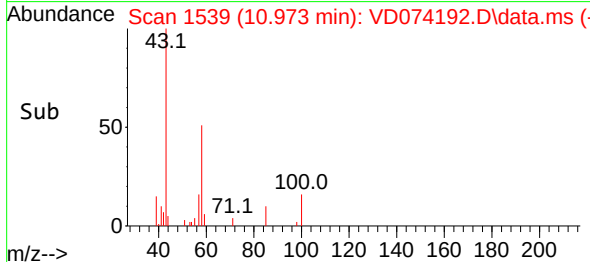
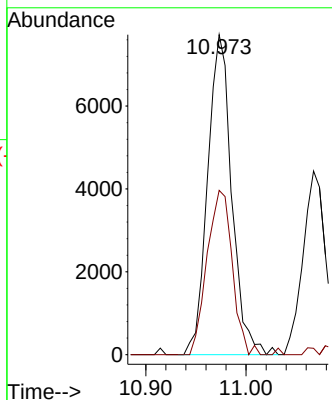
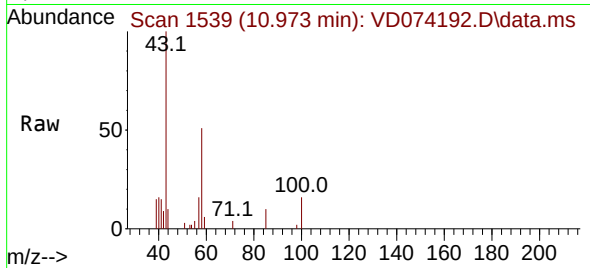
#59
2-Hexanone
Concen: 19.181 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

Tgt Ion: 43 Resp: 12892
Ion Ratio Lower Upper
43 100
58 53.6 25.3 75.9

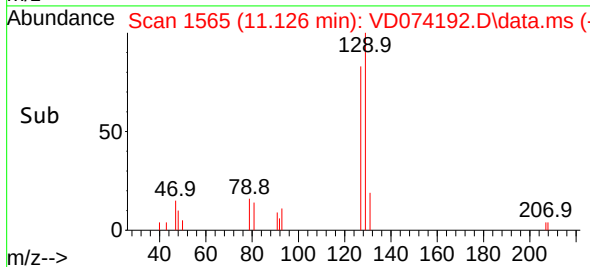
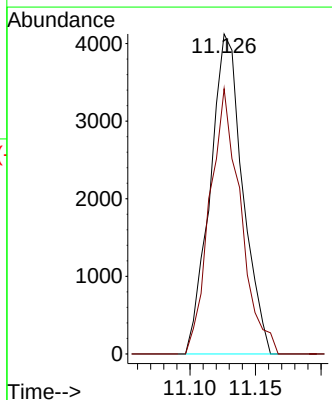
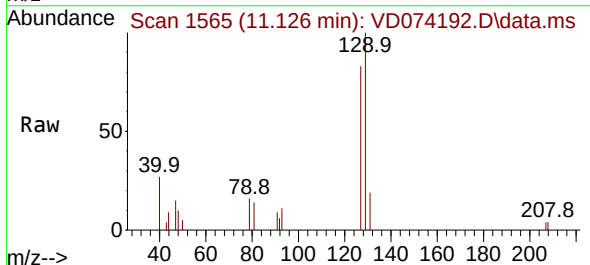
Manual Integrations
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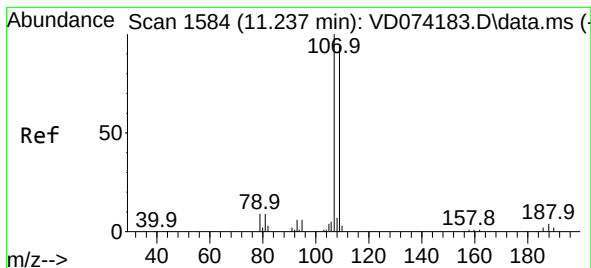
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#60
Dibromochloromethane
Concen: 4.055 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

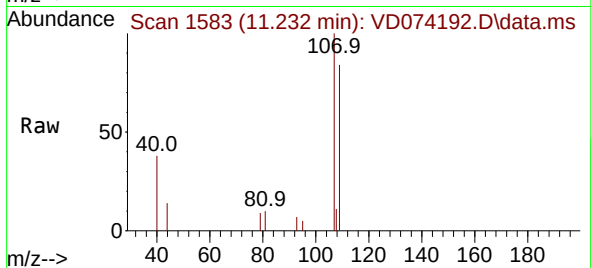
Tgt Ion:129 Resp: 7114
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 4.121 ug/l
RT: 11.232 min Scan# 1583
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

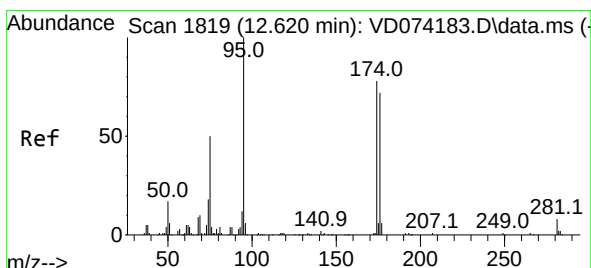
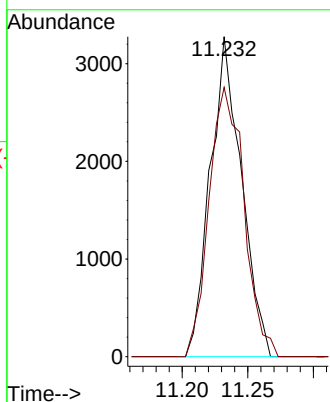
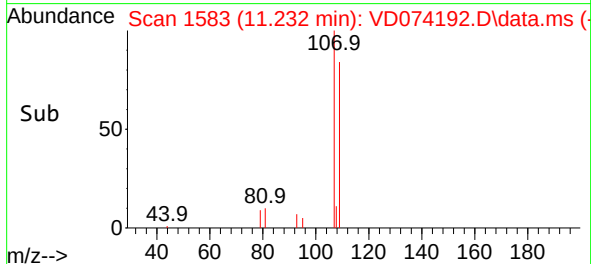
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2022



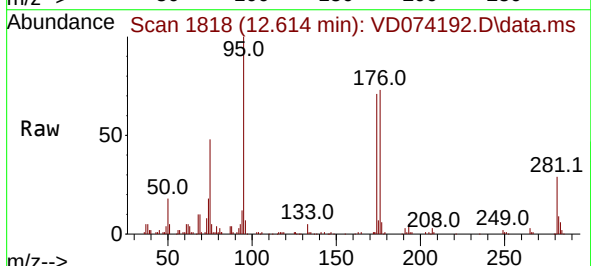
Tgt Ion:107 Resp: 5430
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4

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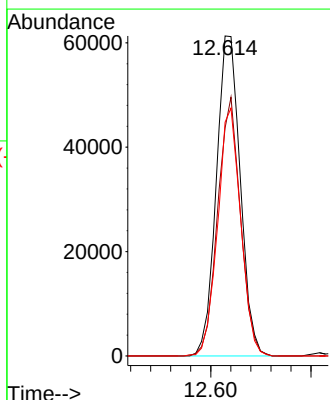
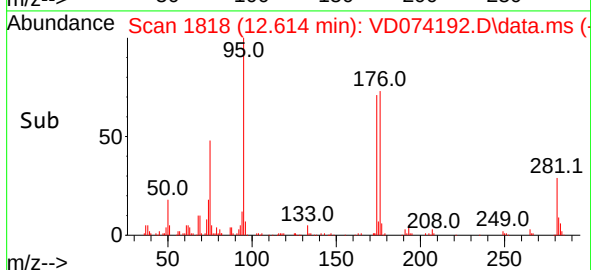
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

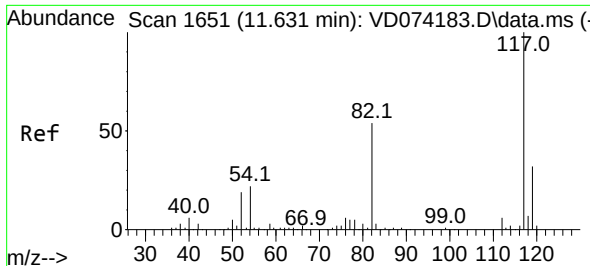


#62
4-Bromofluorobenzene
Concen: 47.993 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45



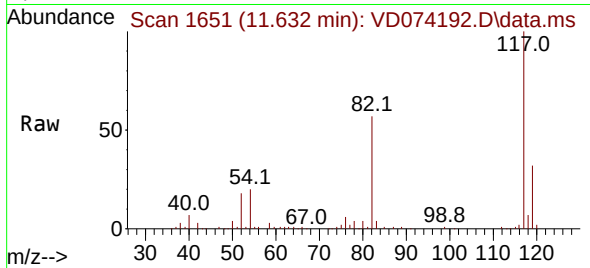
Tgt Ion: 95 Resp: 101573
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 74.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

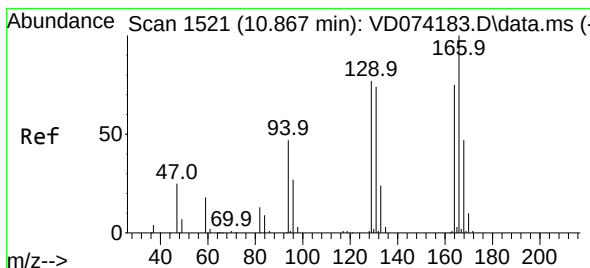
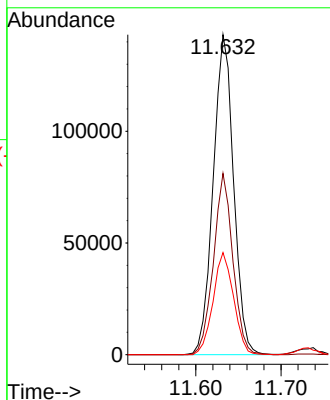
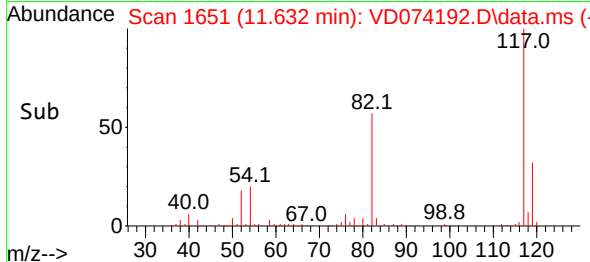
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion:117 Resp: 238135
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 31.9 26.6 40.0

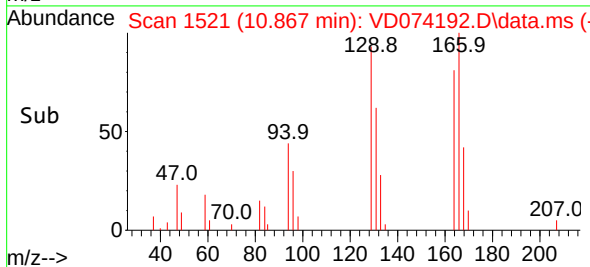
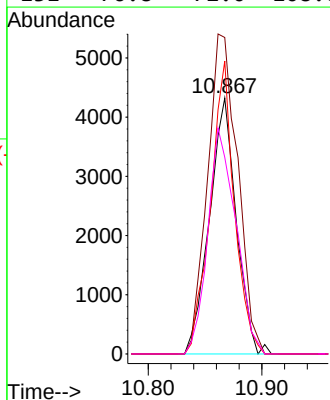
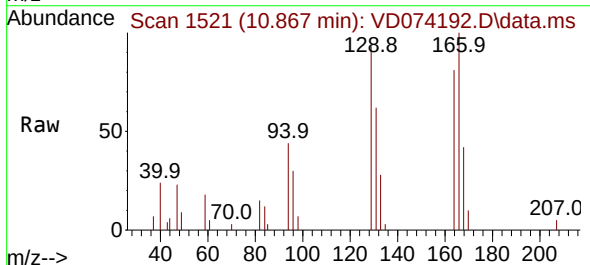
Manual Integrations
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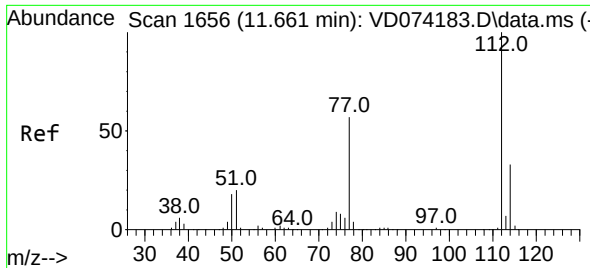
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#64
Tetrachloroethene
Concen: 4.089 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

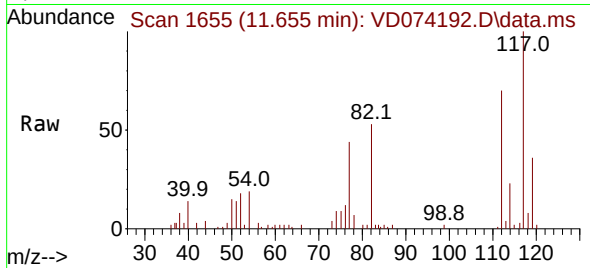
Tgt Ion:164 Resp: 7106
Ion Ratio Lower Upper
164 100
166 123.7 98.5 147.7
129 114.5 74.6 111.8#
131 76.8 72.0 108.0





#65
Chlorobenzene
Concen: 4.048 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

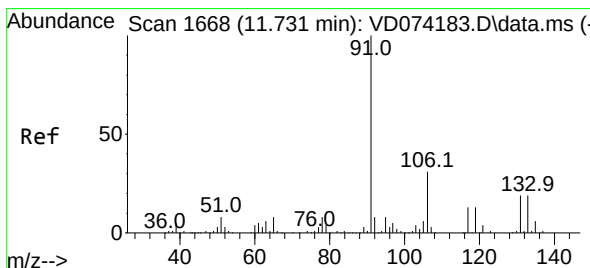
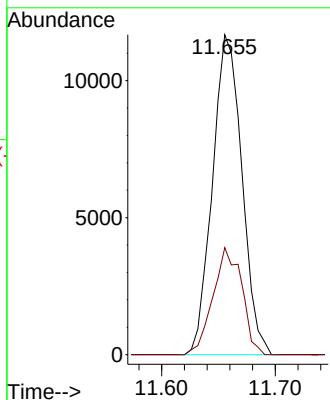
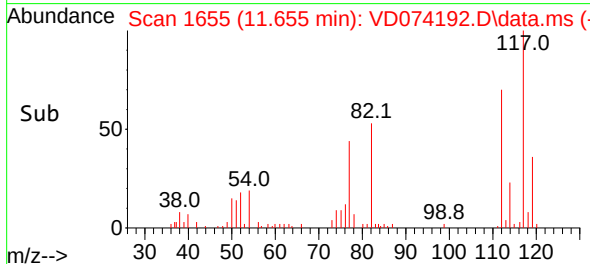
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



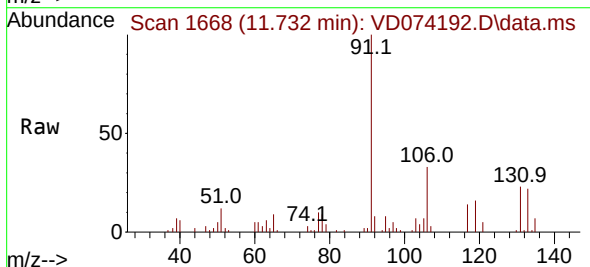
Tgt Ion:112 Resp: 21009
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6

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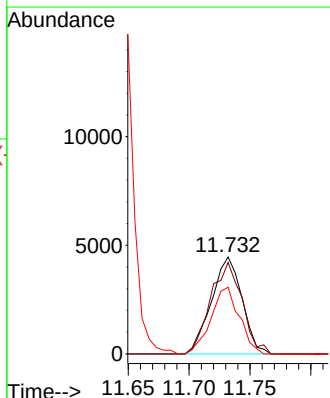
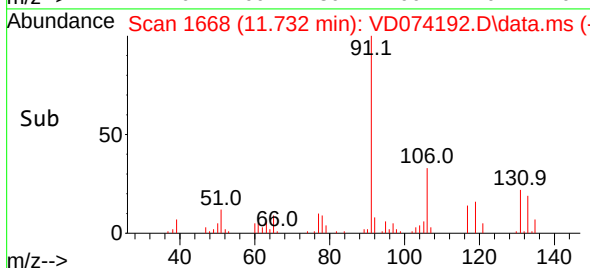
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

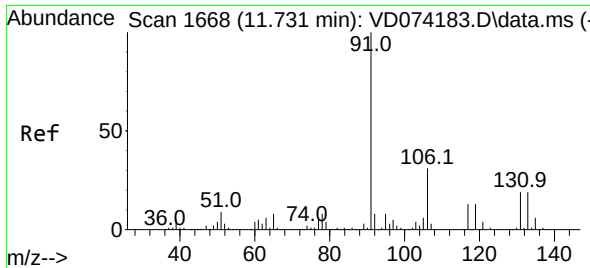


#66
1,1,1,2-Tetrachloroethane
Concen: 4.002 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45



Tgt Ion:131 Resp: 7808
Ion Ratio Lower Upper
131 100
133 97.2 48.1 144.3
119 64.0 31.9 95.9





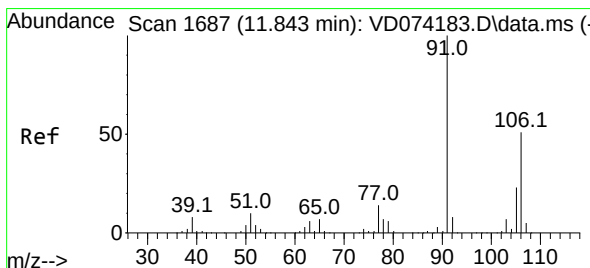
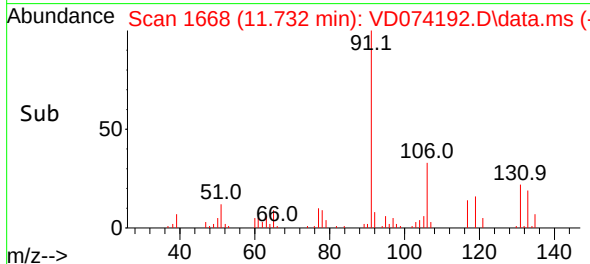
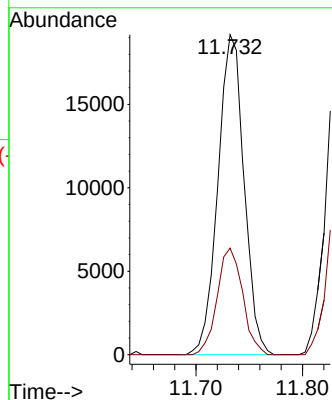
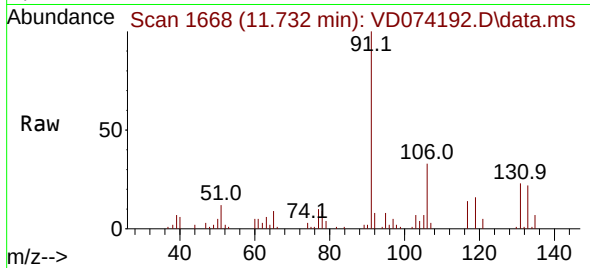
#67
Ethyl Benzene
Concen: 3.673 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

Tgt Ion: 91 Resp: 32625
Ion Ratio Lower Upper
91 100
106 33.3 24.2 36.4

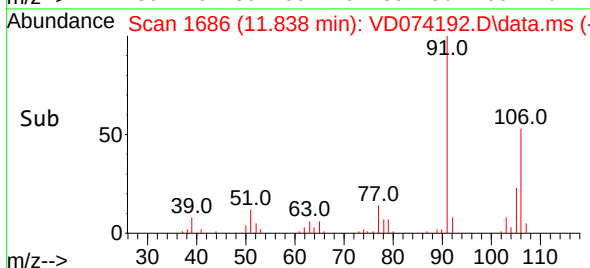
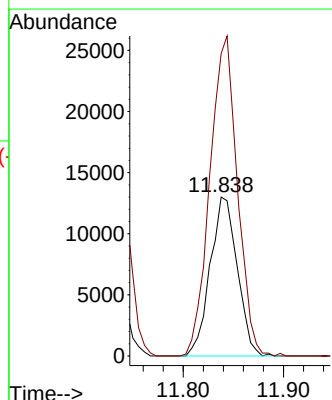
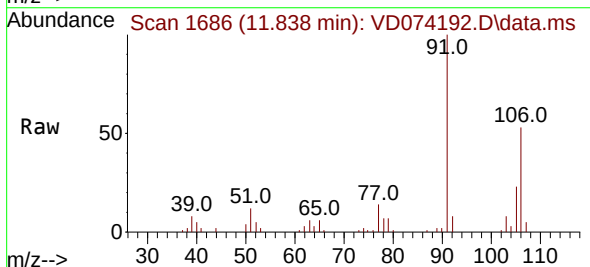
Manual Integrations
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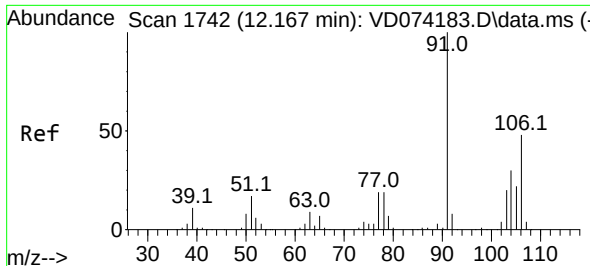
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#68
m/p-Xylenes
Concen: 6.904 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Tgt Ion:106 Resp: 24425
Ion Ratio Lower Upper
106 100
91 204.7 163.7 245.5





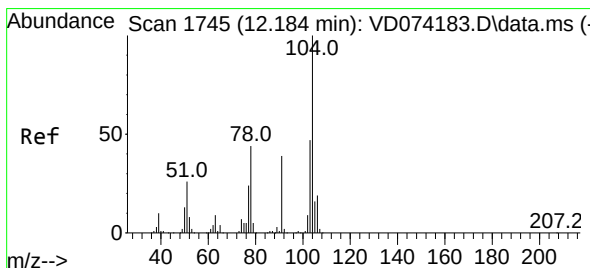
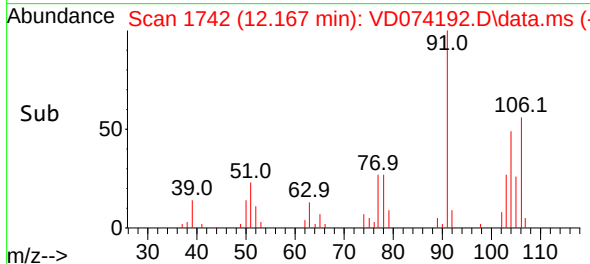
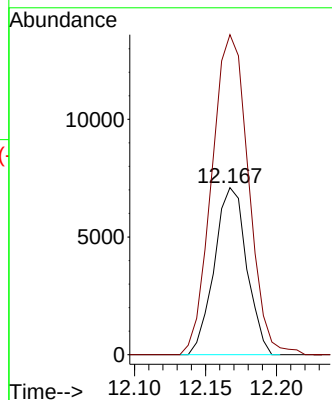
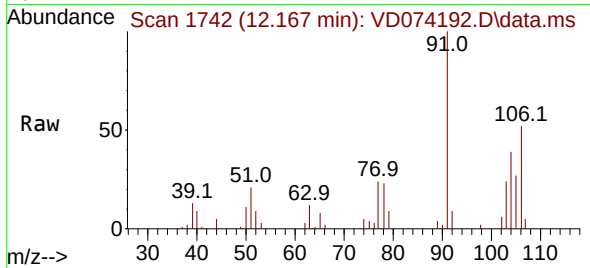
#69
o-Xylene
Concen: 3.445 ug/l
RT: 12.167 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

Tgt Ion:106 Resp: 1124
Ion Ratio Lower Upper
106 100
91 217.2 110.4 331.2

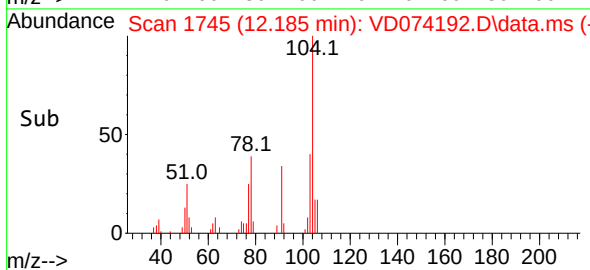
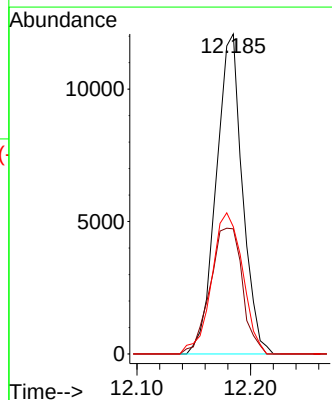
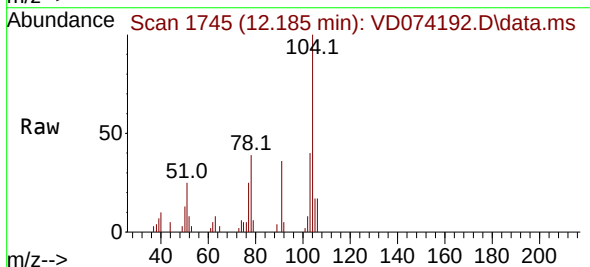
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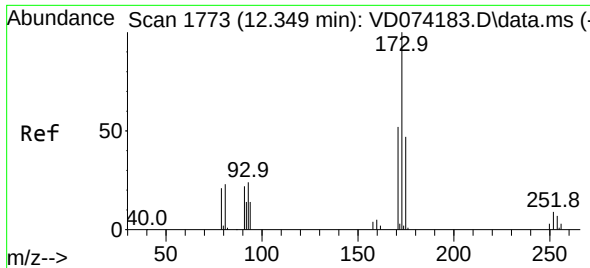
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#70
Styrene
Concen: 3.467 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

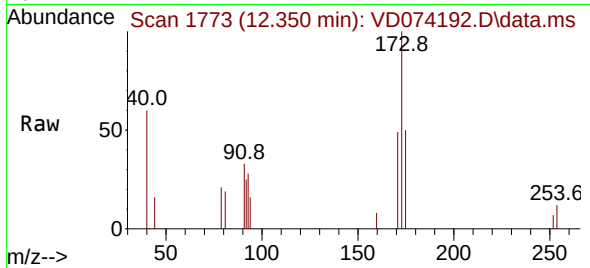
Tgt Ion:104 Resp: 19404
Ion Ratio Lower Upper
104 100
78 48.1 41.8 62.8
103 51.9 44.2 66.4





#71
Bromoform
Concen: 4.215 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

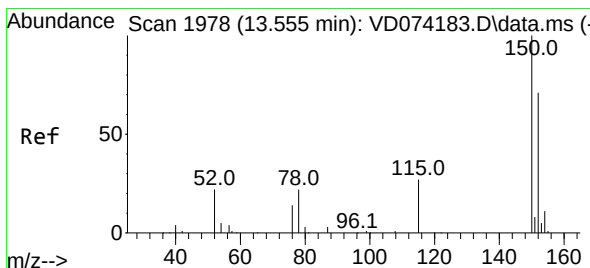
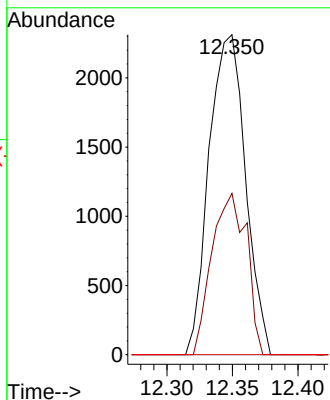
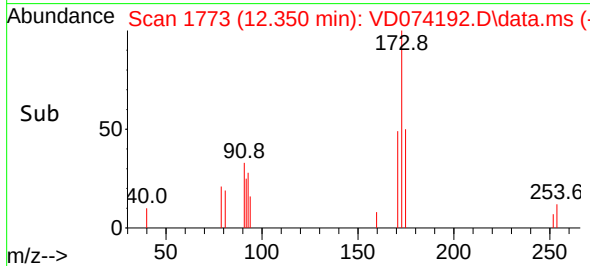
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion:173 Resp: 447
Ion Ratio Lower Upper
173 100
175 48.0 23.9 71.8
254 0.0 0.0 0.0

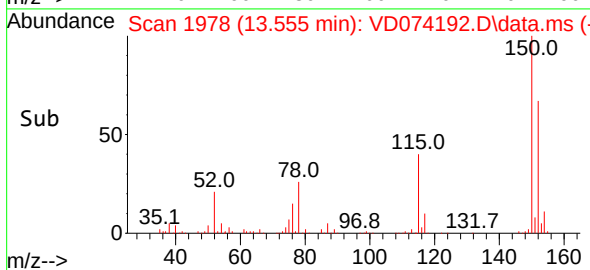
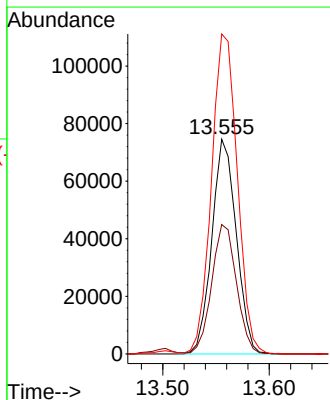
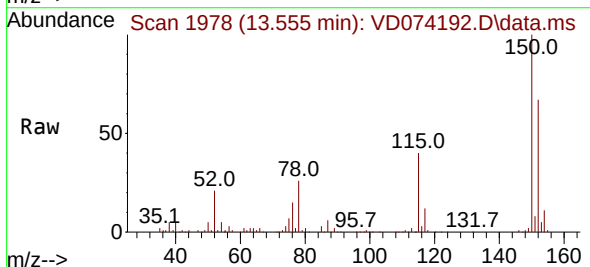
Manual Integrations
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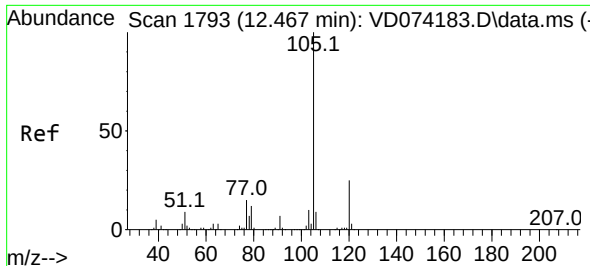
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Tgt Ion:152 Resp: 118676
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 157.5 0.0 348.6





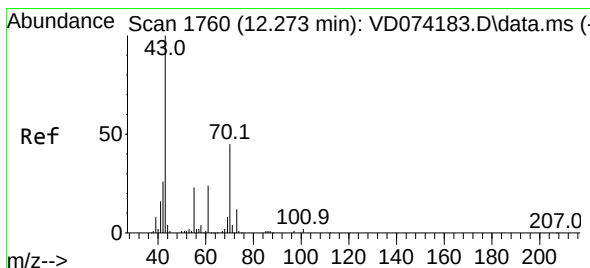
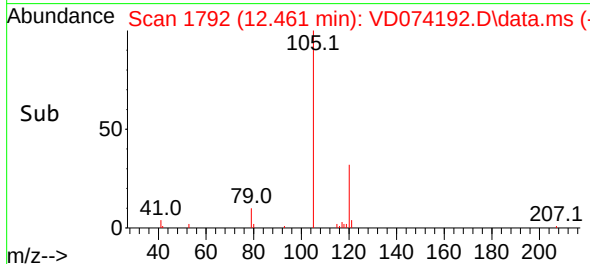
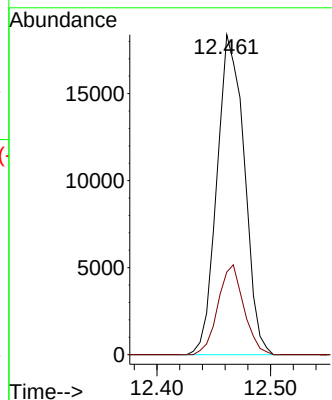
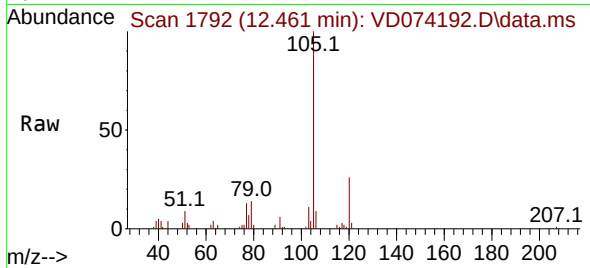
#73
Isopropylbenzene
Concen: 3.581 ug/l
RT: 12.461 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

Tgt Ion: 105 Resp: 3077
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

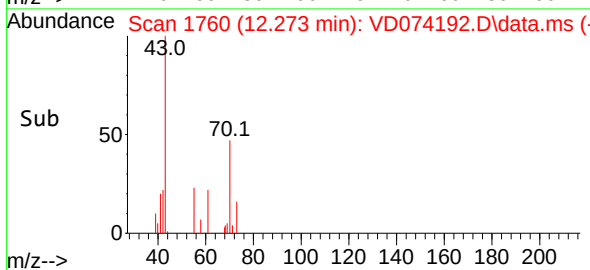
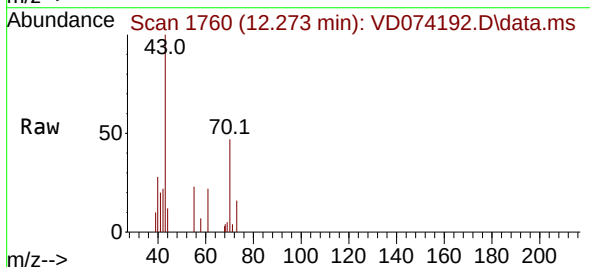
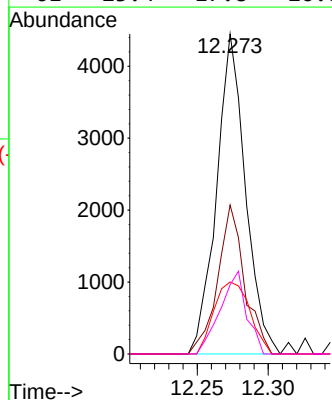
Manual Integrations
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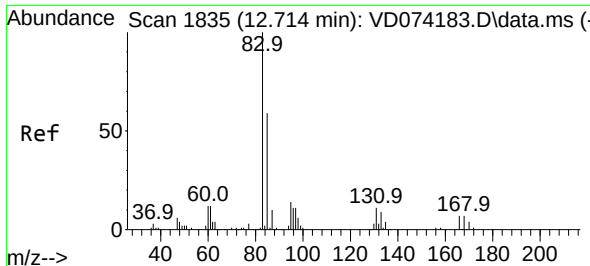
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#74
N-ethyl acetate
Concen: 3.365 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Tgt Ion: 43 Resp: 6290
Ion Ratio Lower Upper
43 100
70 43.4 31.3 46.9
55 27.9 20.0 30.0
61 23.4 17.8 26.8





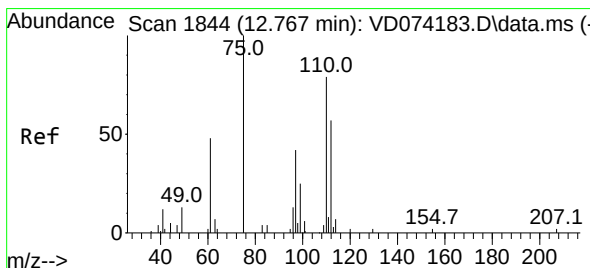
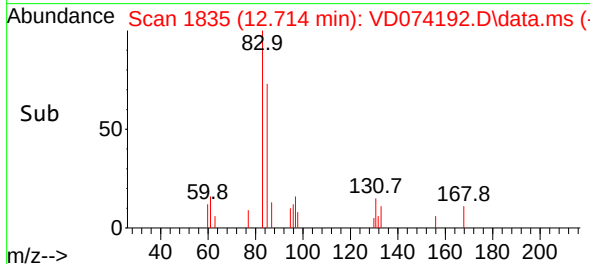
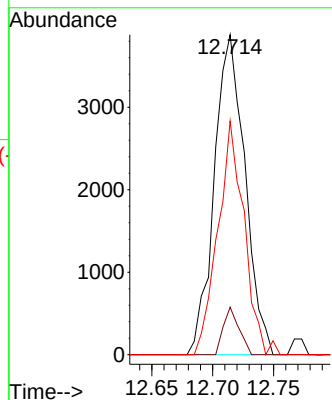
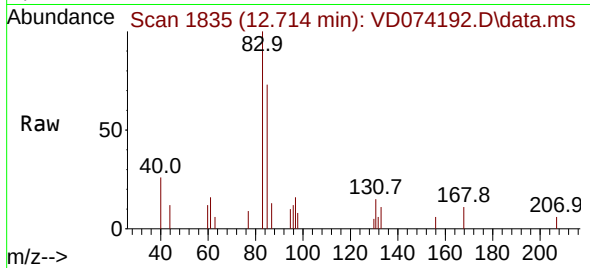
#75
1,1,2,2-Tetrachloroethane
Concen: 4.433 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2022

Tgt Ion: 83 Resp: 680
Ion Ratio Lower Upper
83 100
131 7.6 5.0 14.9
85 62.5 32.6 98.0

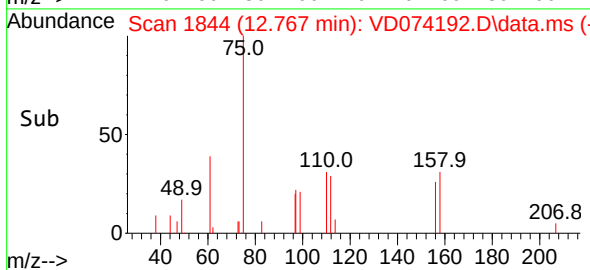
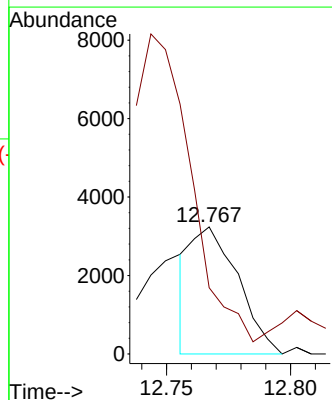
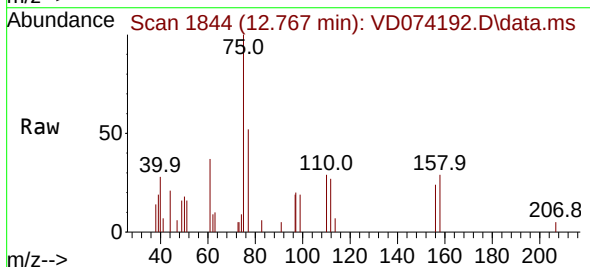
Manual Integrations
APPROVED

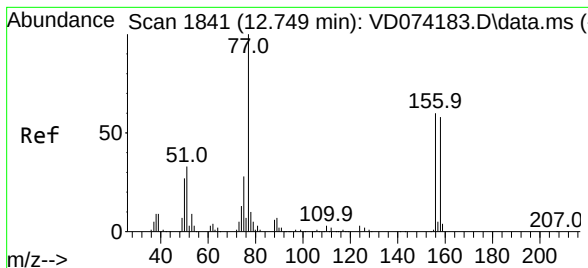
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#76
1,2,3-Trichloropropane
Concen: 3.678 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

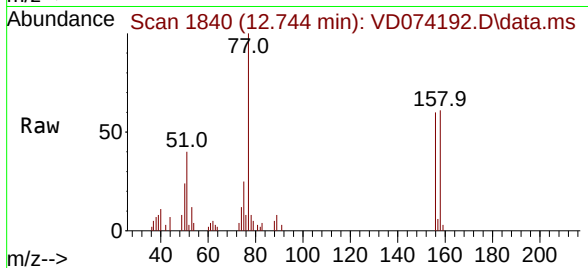
Tgt Ion: 75 Resp: 4262
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.065 ug/l
RT: 12.744 min Scan# 1840
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

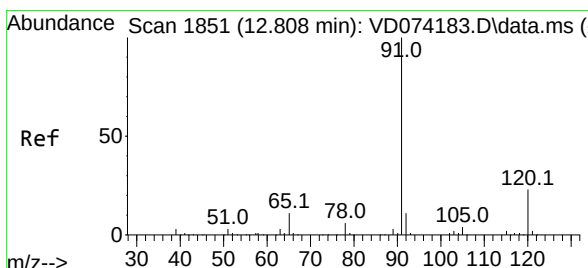
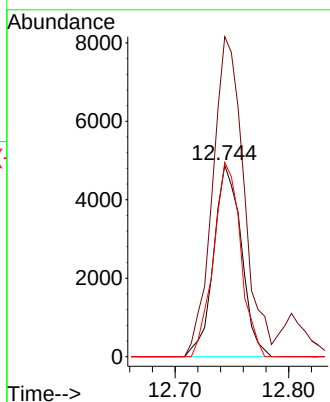
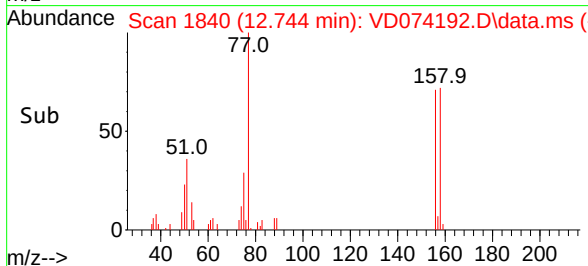
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



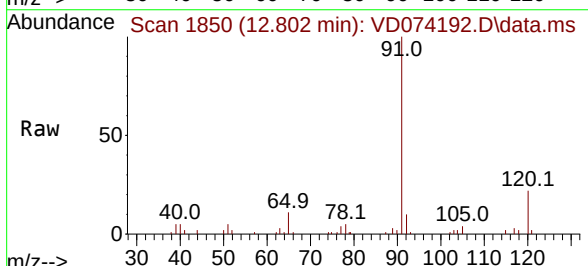
Tgt Ion: 156 Resp: 8270
Ion Ratio Lower Upper
156 100
77 188.4 102.8 308.3
158 99.3 48.7 146.1

Manual Integrations
APPROVED

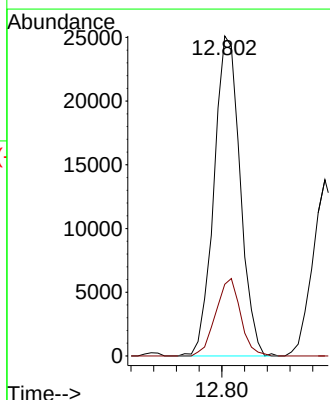
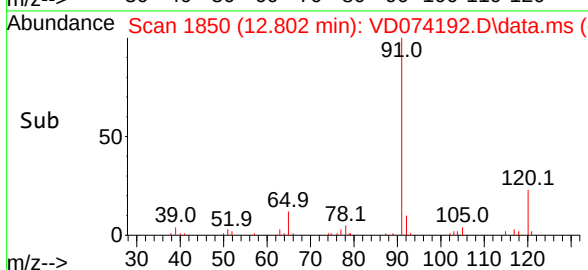
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

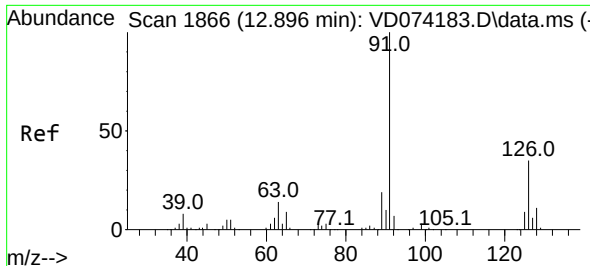


#78
n-propylbenzene
Concen: 3.821 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45



Tgt Ion: 91 Resp: 40157
Ion Ratio Lower Upper
91 100
120 22.9 10.9 32.9





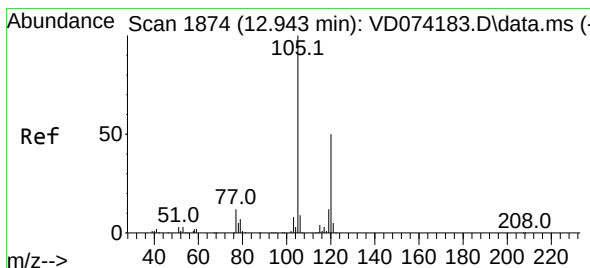
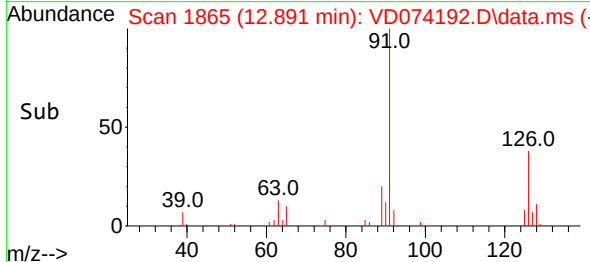
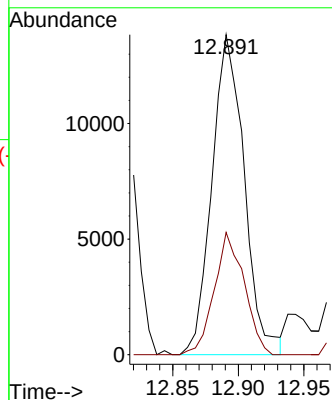
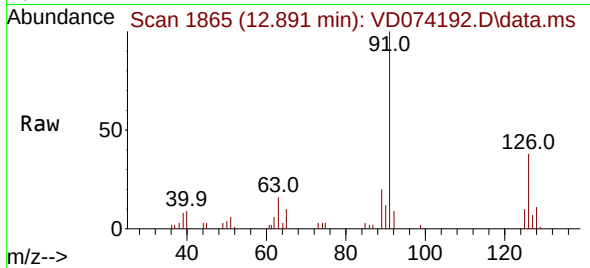
#79
2-Chlorotoluene
Concen: 3.911 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022

Tgt Ion: 91 Resp: 2373
Ion Ratio Lower Upper
91 100
126 35.4 16.2 48.6

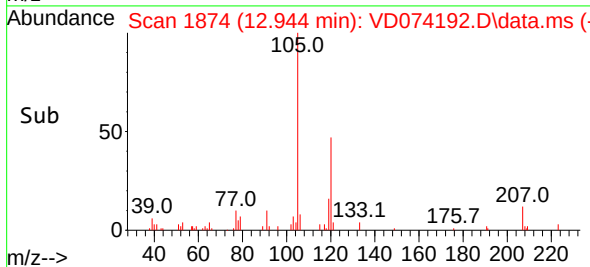
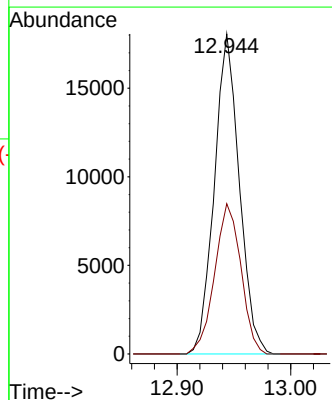
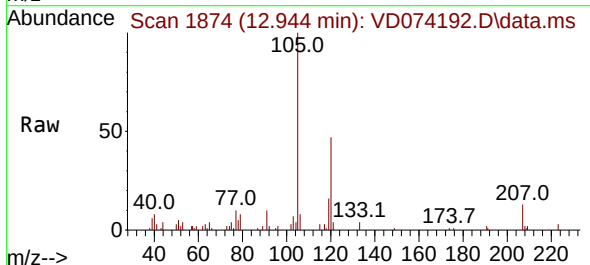
Manual Integrations
APPROVED

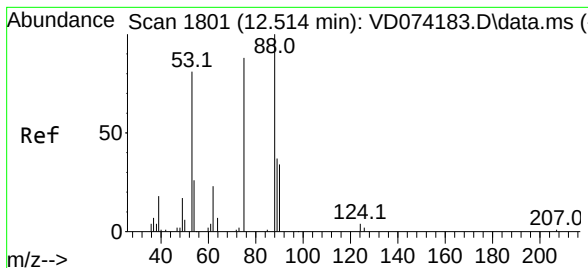
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 3.738 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

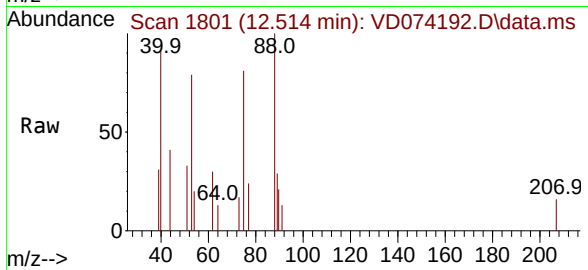
Tgt Ion:105 Resp: 27598
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 4.177 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

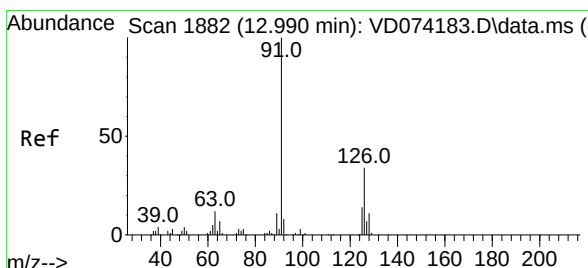
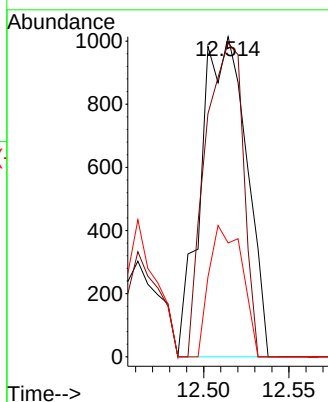
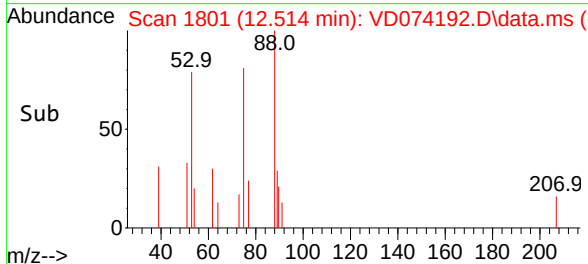
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 75 Resp: 188
Ion Ratio Lower Upper
75 100
53 81.9 86.5 129.7
89 29.8 33.9 50.9

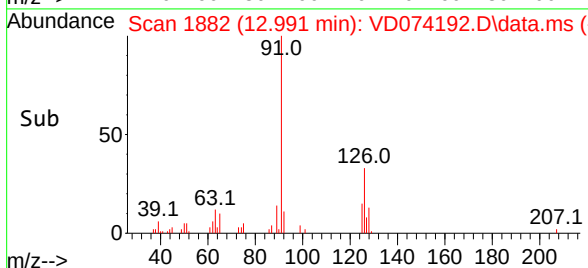
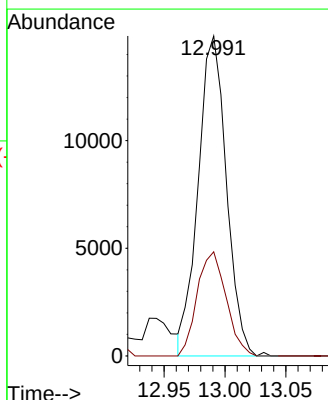
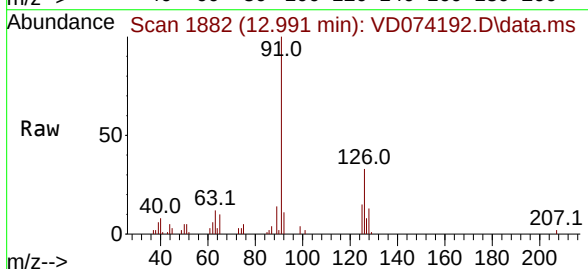
Manual Integrations
APPROVED

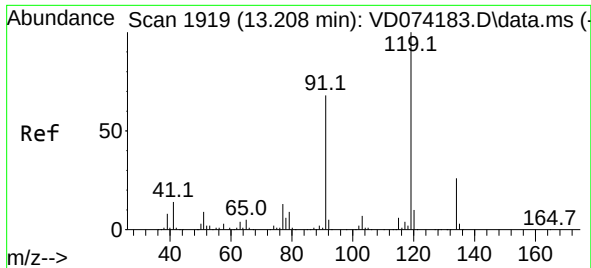
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#82
4-Chlorotoluene
Concen: 3.743 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

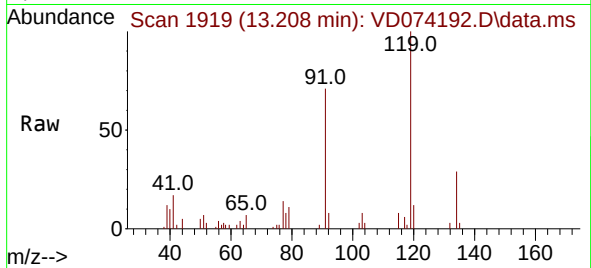
Tgt Ion: 91 Resp: 24026
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83
tert-Butylbenzene
Concen: 3.345 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

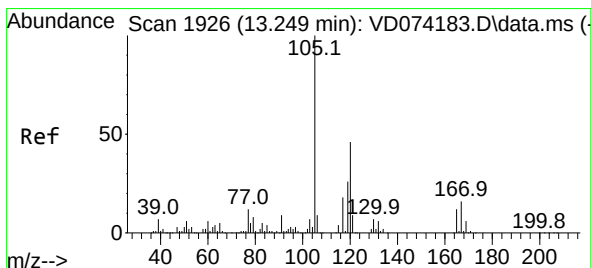
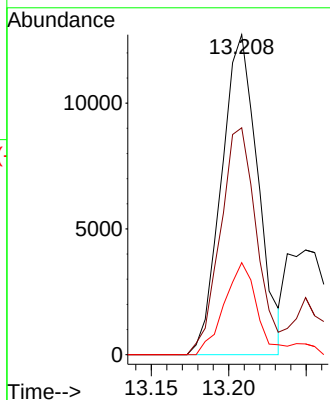
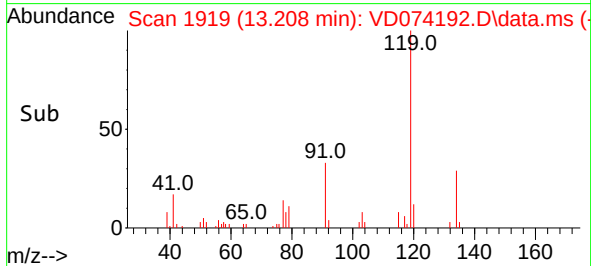
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



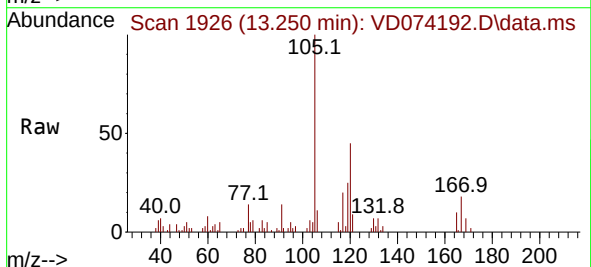
Tgt Ion:119 Resp: 2080
Ion Ratio Lower Upper
119 100
91 70.4 34.8 104.5
134 26.0 13.3 39.9

Manual Integrations
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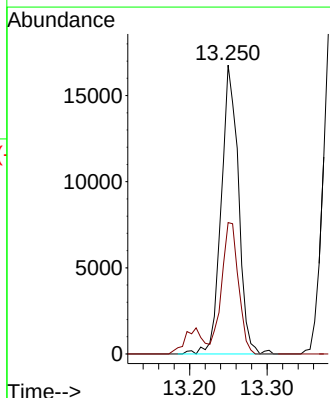
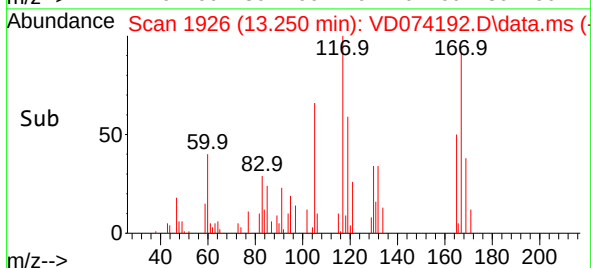
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

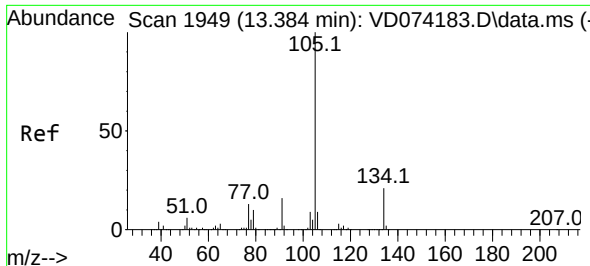


#84
1,2,4-Trimethylbenzene
Concen: 3.599 ug/l
RT: 13.250 min Scan# 1926
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45



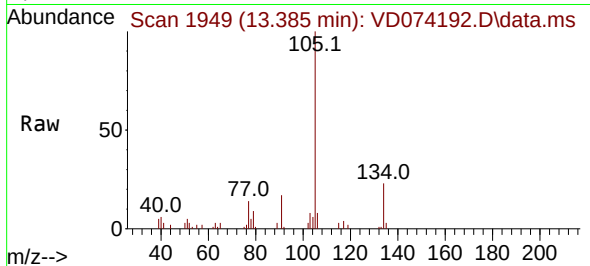
Tgt Ion:105 Resp: 25856
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 3.496 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.001 min
 Lab File: VD074192.D
 Acq: 23 Aug 2022 18:45

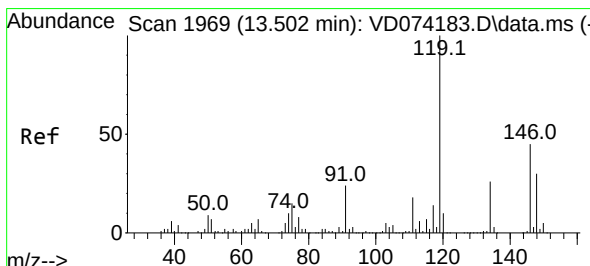
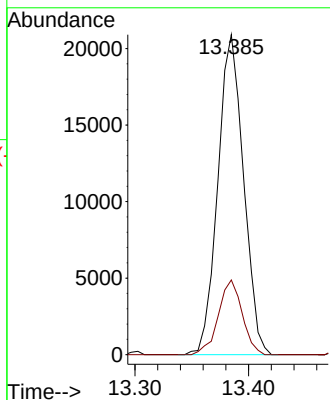
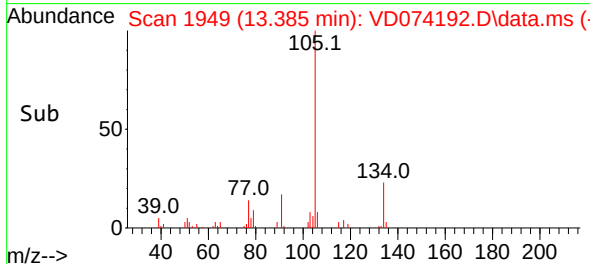
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2022



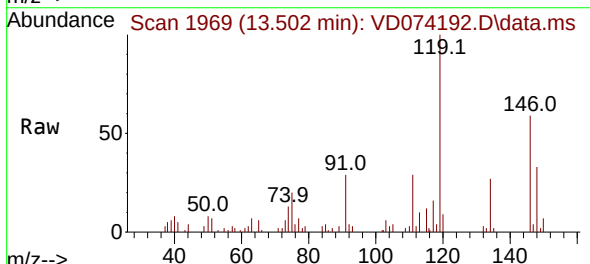
Tgt Ion:105 Resp: 3286
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.8 29.3

Manual Integrations
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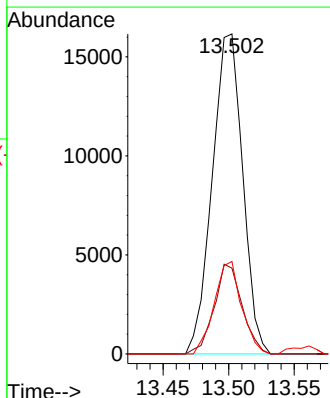
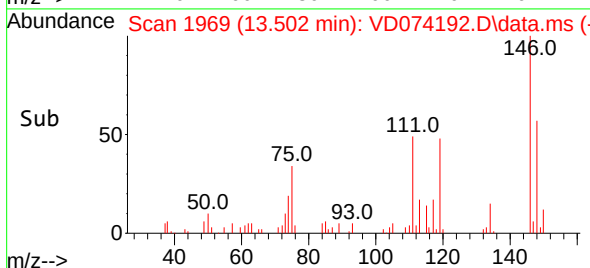
Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

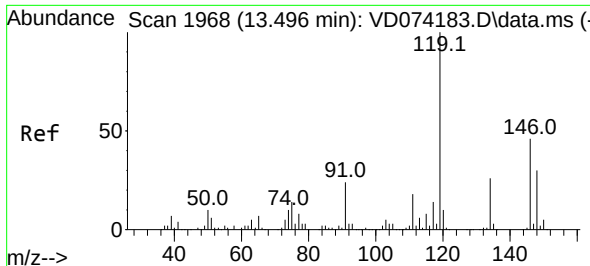


#86
 p-Isopropyltoluene
 Concen: 3.360 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD074192.D
 Acq: 23 Aug 2022 18:45



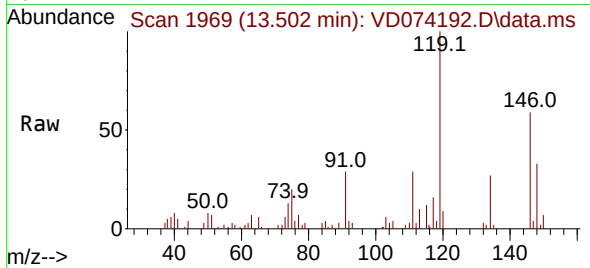
Tgt Ion:119 Resp: 26063
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 26.0 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 4.007 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

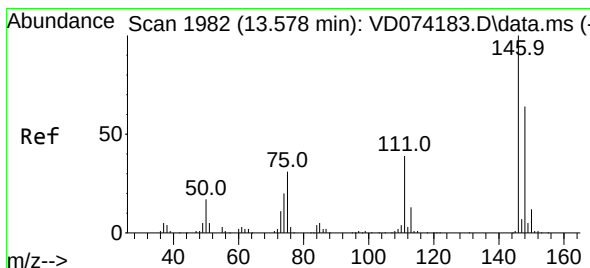
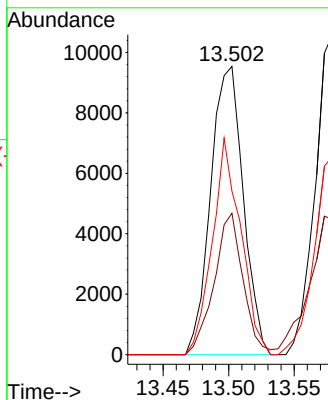
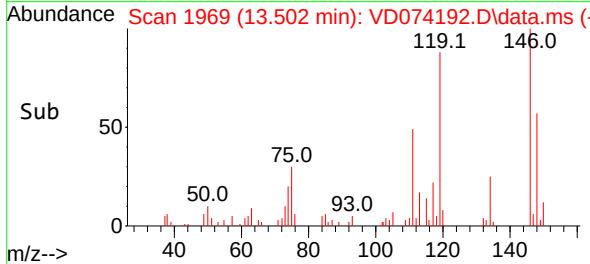
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion:146 Resp: 16500
Ion Ratio Lower Upper
146 100
111 43.6 20.4 61.3
148 65.6 31.9 95.7

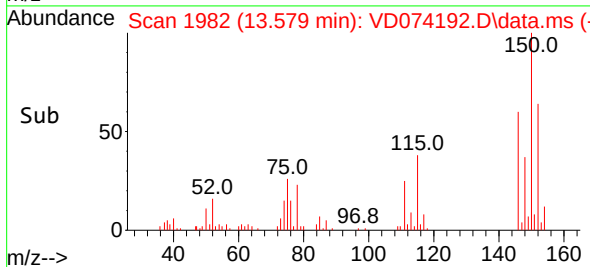
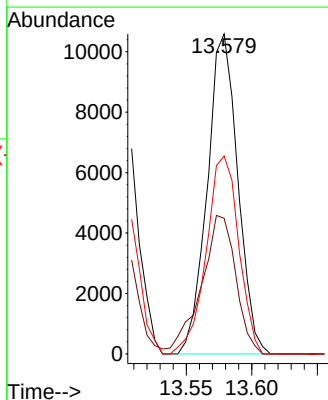
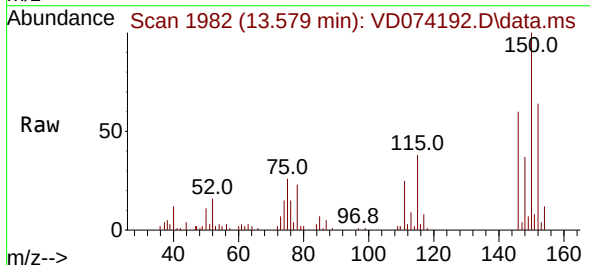
Manual Integrations
APPROVED

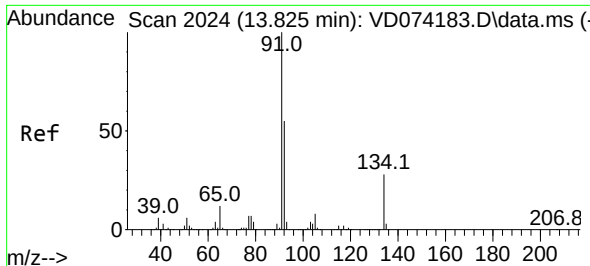
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#88
1,4-Dichlorobenzene
Concen: 4.135 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

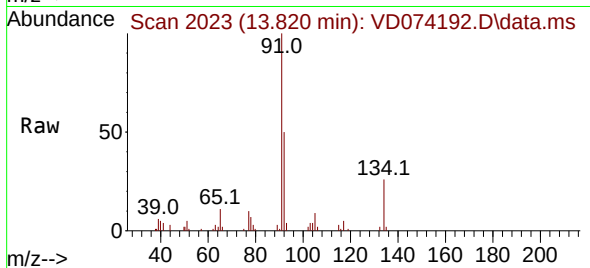
Tgt Ion:146 Resp: 17155
Ion Ratio Lower Upper
146 100
111 48.9 20.3 60.9
148 65.6 31.7 95.1





#89
n-Butylbenzene
Concen: 3.634 ug/l
RT: 13.820 min Scan# 2069
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

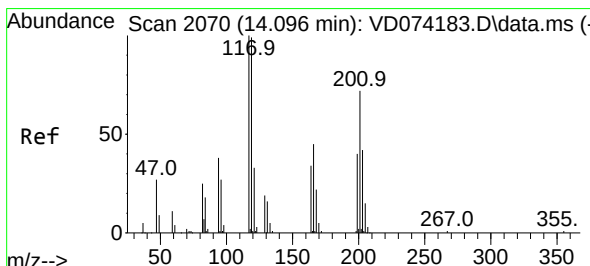
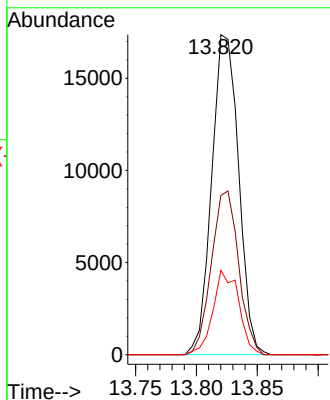
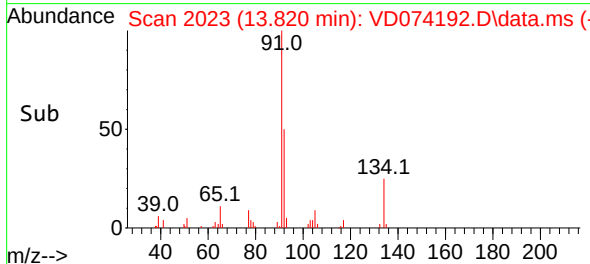
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion: 91 Resp: 26710
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.8
134 25.4 12.3 36.9

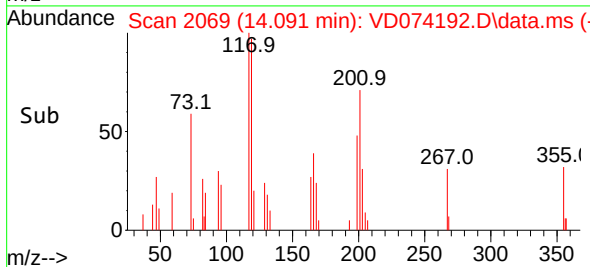
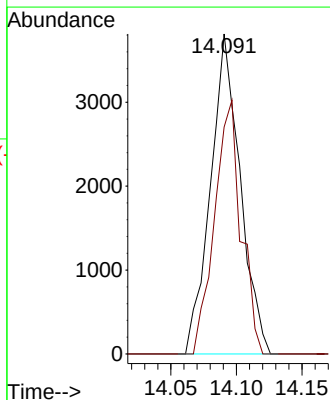
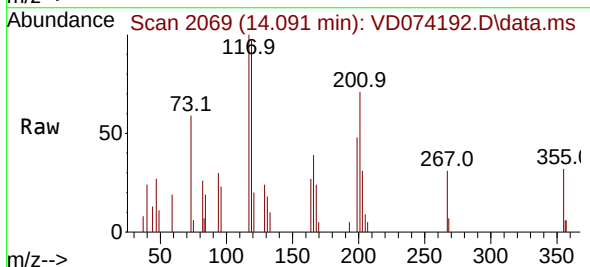
Manual Integrations
APPROVED

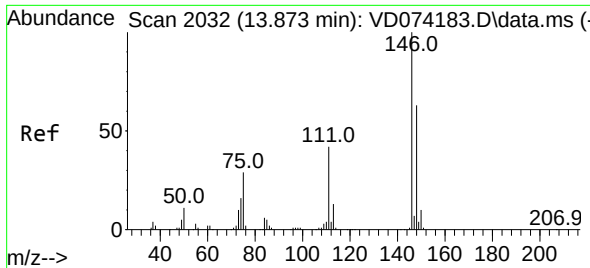
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#90
Hexachloroethane
Concen: 3.814 ug/l
RT: 14.091 min Scan# 2069
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

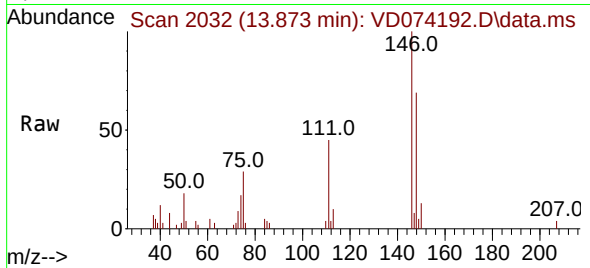
Tgt Ion:117 Resp: 6001
Ion Ratio Lower Upper
117 100
201 70.7 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 3.901 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

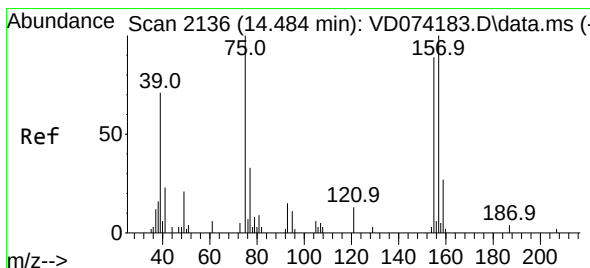
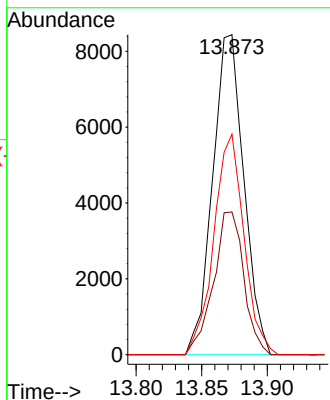
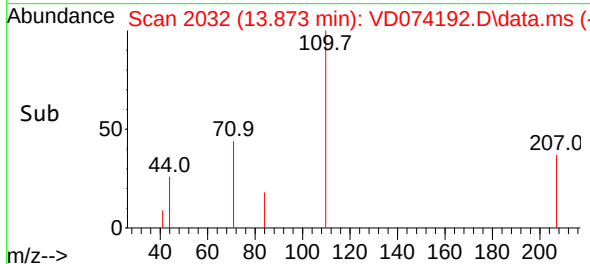
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion:146 Resp: 1396
Ion Ratio Lower Upper
146 100
111 43.4 21.1 63.3
148 66.6 31.7 95.1

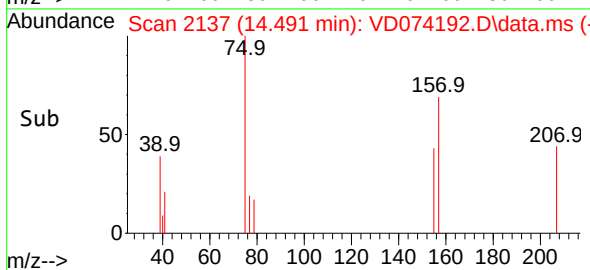
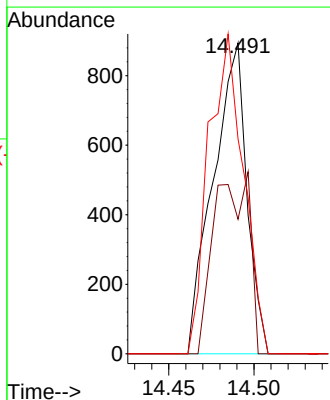
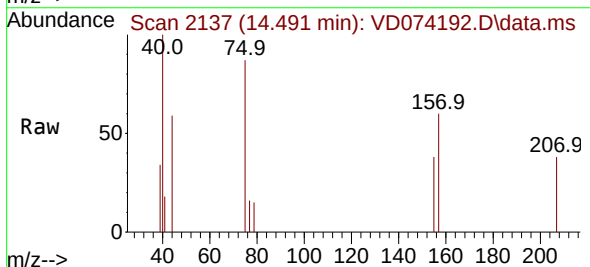
Manual Integrations
APPROVED

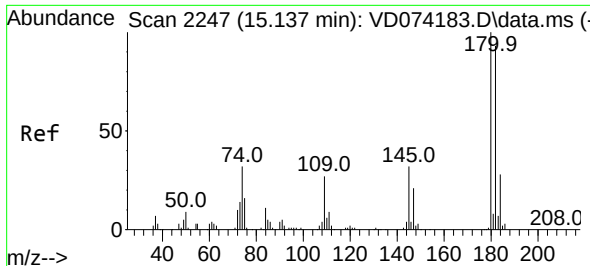
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.900 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.007 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

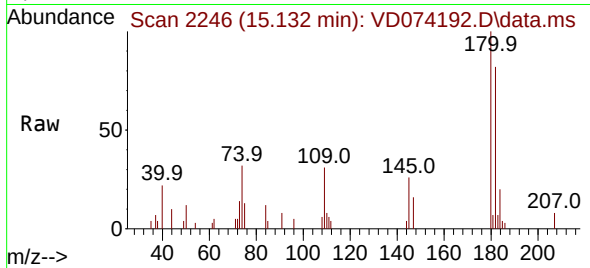
Tgt Ion: 75 Resp: 1231
Ion Ratio Lower Upper
75 100
155 60.8 36.8 110.3
157 105.6 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 3.845 ug/l
RT: 15.132 min Scan# 2246
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

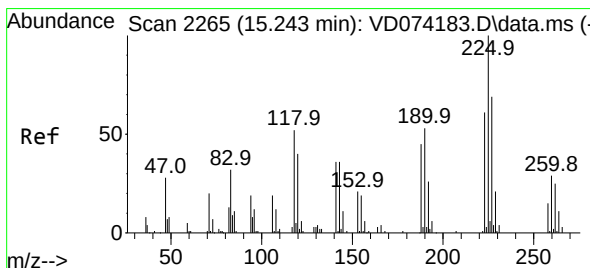
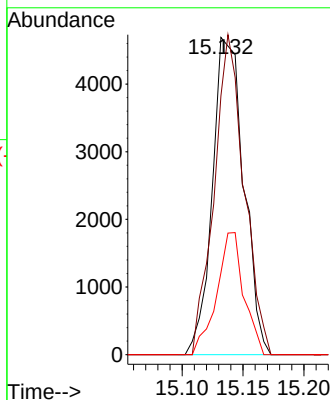
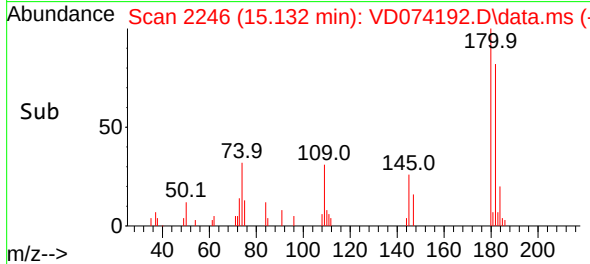
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion:180 Resp: 840
Ion Ratio Lower Upper
180 100
182 96.3 47.3 142.0
145 33.4 16.2 48.5

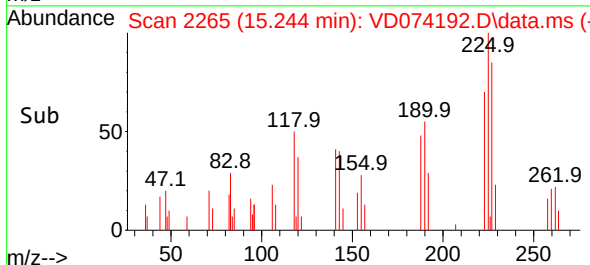
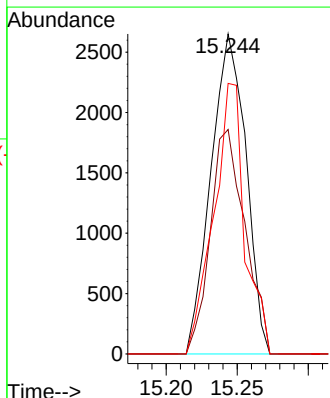
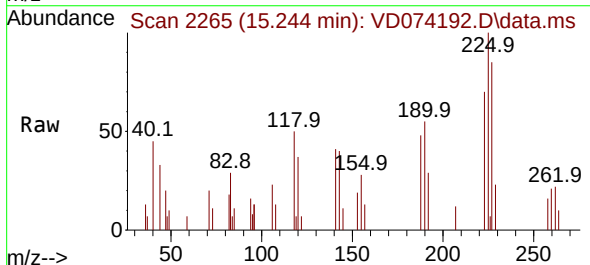
Manual Integrations
APPROVED

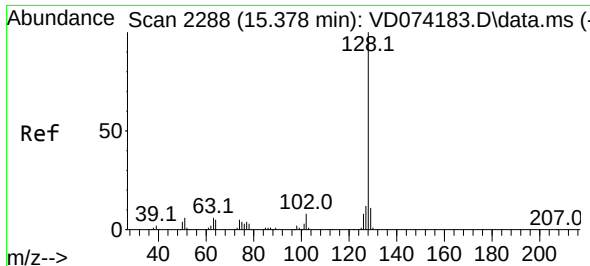
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#94
Hexachlorobutadiene
Concen: 3.708 ug/l
RT: 15.244 min Scan# 2265
Delta R.T. 0.001 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

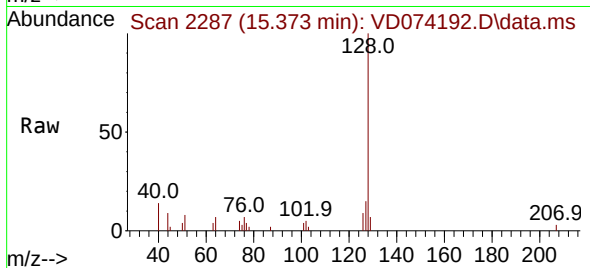
Tgt Ion:225 Resp: 4547
Ion Ratio Lower Upper
225 100
223 69.7 31.1 93.2
227 75.0 32.4 97.0





#95
Naphthalene
Concen: 3.776 ug/l
RT: 15.373 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

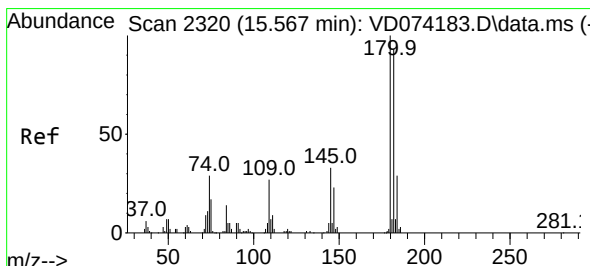
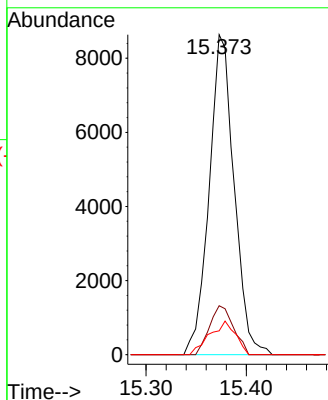
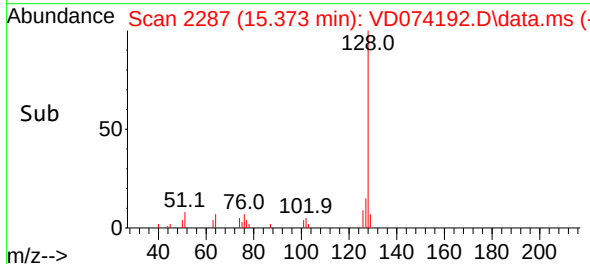
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2022



Tgt Ion:128 Resp: 14934
Ion Ratio Lower Upper
128 100
127 14.7 10.3 15.5
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.039 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. 0.000 min
Lab File: VD074192.D
Acq: 23 Aug 2022 18:45

Tgt Ion:180 Resp: 7697
Ion Ratio Lower Upper
180 100
182 82.7 47.6 142.9
145 33.1 17.1 51.3

