

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078470.D
 Acq On : 19 Feb 2024 18:13
 Operator : RP/MD
 Sample : P1509-10MSD
 Misc : 5.01G/8ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-858-860MSD

Quant Time: Feb 19 23:50:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	83499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	149489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	137048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57970	64.209	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.420%			
35) Dibromofluoromethane	7.805	113	60557	63.772	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 127.540%			
50) Toluene-d8	10.269	98	214447	56.455	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.900%			
62) 4-Bromofluorobenzene	12.569	95	57648	52.151	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	50513	61.399	ug/l	94
3) Chloromethane	2.152	50	101143	66.896	ug/l	95
4) Vinyl Chloride	2.281	62	141075	61.148	ug/l	98
5) Bromomethane	2.687	94	90214	56.650	ug/l	96
6) Chloroethane	2.828	64	99516	59.153	ug/l	96
7) Trichlorofluoromethane	3.170	101	89513	57.516	ug/l	92
8) Diethyl Ether	3.593	74	28676	63.970	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.964	101	52208	53.175	ug/l	99
10) Methyl Iodide	4.164	142	51769	58.871	ug/l #	90
11) Tert butyl alcohol	5.064	59	17040	350.507	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	50757	55.762	ug/l	91
13) Acrolein	3.799	56	6684	80.138	ug/l	94
14) Allyl chloride	4.564	41	61766	54.928	ug/l	91
15) Acrylonitrile	5.258	53	69453	361.928	ug/l	98
16) Acetone	4.022	43	66685	407.943	ug/l	91
17) Carbon Disulfide	4.269	76	152444	49.771	ug/l	99
18) Methyl Acetate	4.569	43	56199	81.933	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	127981	66.177	ug/l	99
20) Methylene Chloride	4.799	84	75005	74.875	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	61396	57.335	ug/l	94
22) Diisopropyl ether	6.222	45	155993	62.939	ug/l	95
23) Vinyl Acetate	6.158	43	293647m	291.402	ug/l	
24) 1,1-Dichloroethane	6.116	63	105574	60.130	ug/l	96
25) 2-Butanone	7.087	43	79849	355.717	ug/l	91
26) 2,2-Dichloropropane	7.075	77	81624	55.456	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	71901	61.200	ug/l	97
28) Bromochloromethane	7.434	49	39374	56.620	ug/l	82
29) Tetrahydrofuran	7.446	42	49391	367.862	ug/l	90
30) Chloroform	7.593	83	114994	61.903	ug/l	97
31) Cyclohexane	7.875	56	75381	49.358	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	91924	58.039	ug/l	99
36) 1,1-Dichloropropene	8.010	75	76317	51.735	ug/l	97
37) Ethyl Acetate	7.169	43	33114	64.037	ug/l	95
38) Carbon Tetrachloride	7.993	117	79016	54.088	ug/l	96
39) Methylcyclohexane	9.275	83	79408	45.344	ug/l	97
40) Benzene	8.252	78	245943	57.681	ug/l	100

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Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	17606	65.420	ug/l #	93
42) 1,2-Dichloroethane	8.322	62	69867	63.327	ug/l	95
43) Isopropyl Acetate	8.363	43	64656	67.522	ug/l	93
44) Trichloroethene	9.028	130	61243	56.301	ug/l	90
45) 1,2-Dichloropropane	9.304	63	62142	59.400	ug/l	97
46) Dibromomethane	9.393	93	38461	65.362	ug/l	90
47) Bromodichloromethane	9.587	83	88716	60.871	ug/l	99
48) Methyl methacrylate	9.381	41	36009	70.881	ug/l	83
49) 1,4-Dioxane	9.381	88	8507	1334.963	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	173245	340.884	ug/l	92
52) Toluene	10.334	92	154773	57.400	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	79810	60.013	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	96640	59.928	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	52534	66.295	ug/l	94
56) Ethyl methacrylate	10.599	69	42737	58.313	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	85984	63.787	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	112622	260.879	ug/l	96
59) 2-Hexanone	10.922	43	117029	306.411	ug/l	92
60) Dibromochloromethane	11.069	129	61855	64.876	ug/l	96
61) 1,2-Dibromoethane	11.181	107	48997	65.861	ug/l	99
64) Tetrachloroethene	10.810	164	47113	54.426	ug/l	87
65) Chlorobenzene	11.604	112	156435	56.778	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	64004	63.212	ug/l	98
67) Ethyl Benzene	11.681	91	263867	53.451	ug/l	97
68) m/p-Xylenes	11.793	106	217754	113.083	ug/l	92
69) o-Xylene	12.116	106	101344	57.672	ug/l	94
70) Styrene	12.134	104	139543	48.657	ug/l	93
71) Bromoform	12.298	173	35565	66.734	ug/l #	100
73) Isopropylbenzene	12.416	105	228971	56.362	ug/l	96
74) N-amyl acetate	12.234	43	54181	70.497	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	61932	76.852	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	36863m	71.770	ug/l	
77) Bromobenzene	12.698	156	63619	66.634	ug/l	90
78) n-propylbenzene	12.763	91	244090	48.214	ug/l	96
79) 2-Chlorotoluene	12.845	91	161095	59.410	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	203409	60.299	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	17990	72.714	ug/l	96
82) 4-Chlorotoluene	12.945	91	168625	57.902	ug/l	95
83) tert-Butylbenzene	13.163	119	167892	59.014	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	201754	58.930	ug/l	97
85) sec-Butylbenzene	13.345	105	191688	43.446	ug/l	97
86) p-Isopropyltoluene	13.457	119	202372	53.851	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	111127	54.535	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	110375	55.127	ug/l	99
89) n-Butylbenzene	13.787	91	129230	35.678	ug/l	97
90) Hexachloroethane	14.051	117	43187	55.914	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	101269	59.182	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8037	76.166	ug/l	99
93) 1,2,4-Trichlorobenzene	15.092	180	40019	39.794	ug/l	100
94) Hexachlorobutadiene	15.198	225	17424	33.194	ug/l	99
95) Naphthalene	15.328	128	112815	60.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	36934	43.335	ug/l	98

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QLast Update : Wed Feb 14 01:16:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

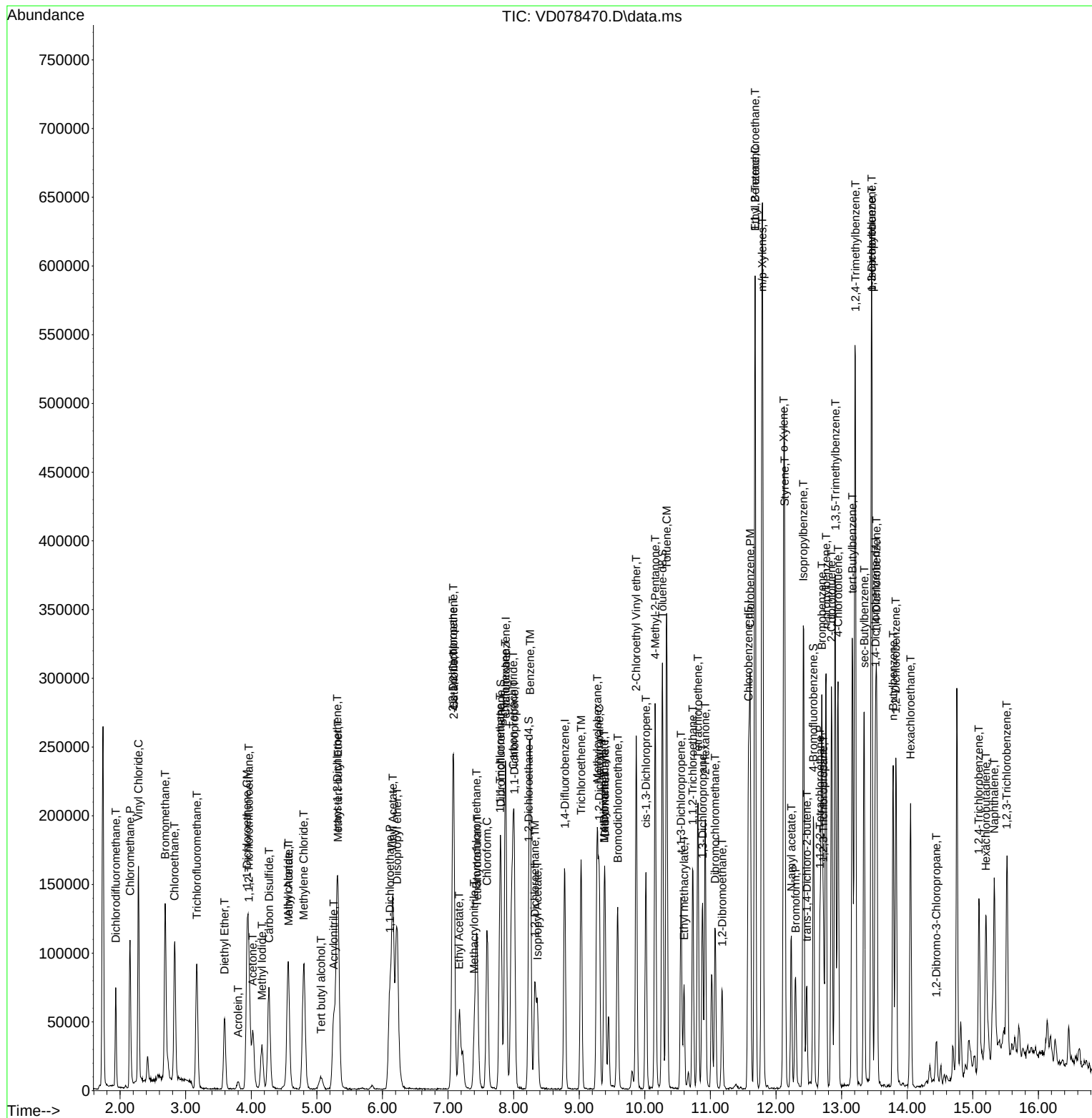
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
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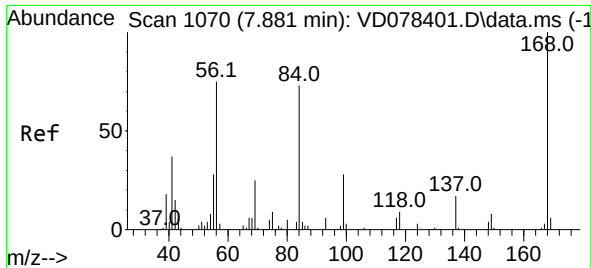
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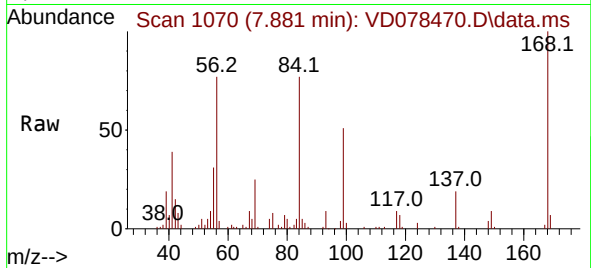
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078470.D
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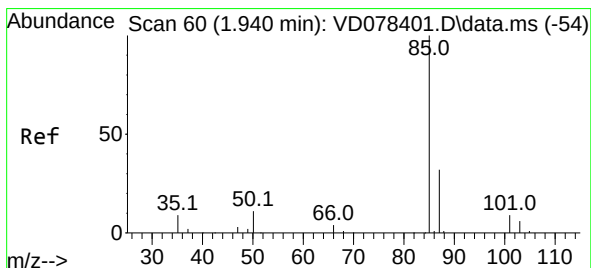
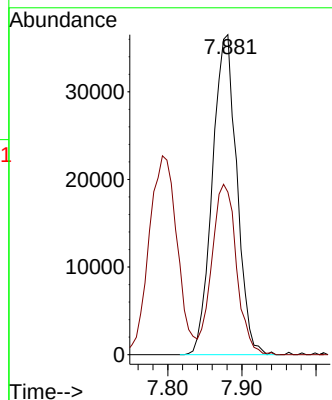
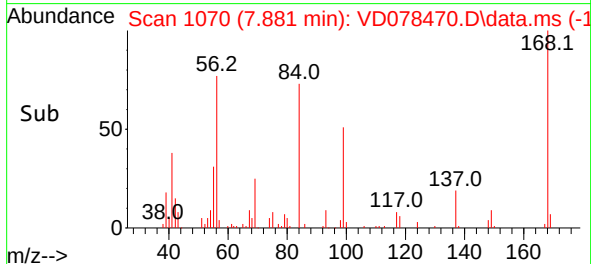
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion:168 Resp: 83499
Ion Ratio Lower Upper
168 100
99 50.8 36.7 55.1

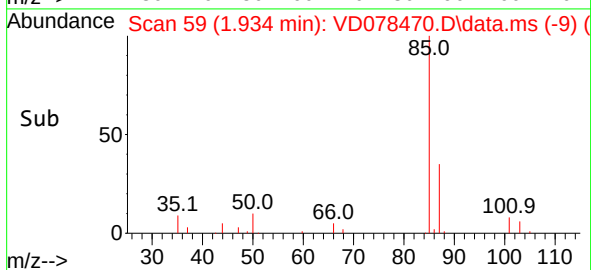
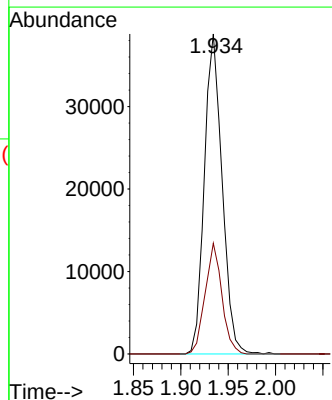
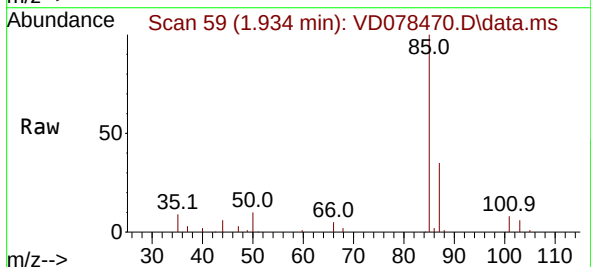
Manual Integrations
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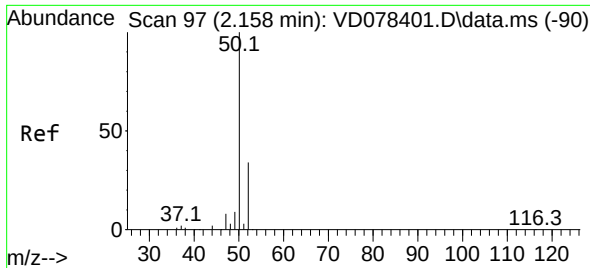
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#2
Dichlorodifluoromethane
Concen: 61.399 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

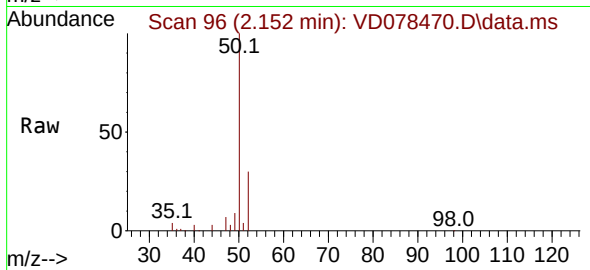
Tgt Ion: 85 Resp: 50513
Ion Ratio Lower Upper
85 100
87 34.6 15.7 47.0





#3
Chloromethane
Concen: 66.896 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

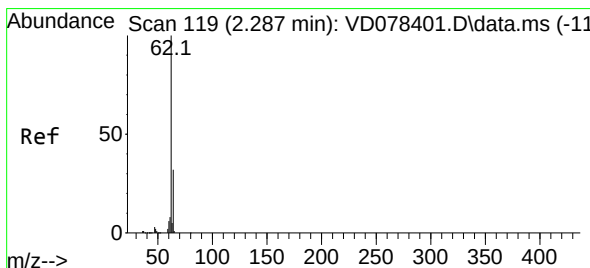
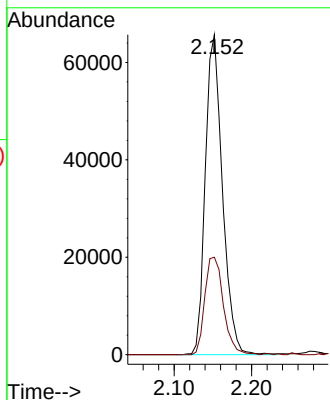
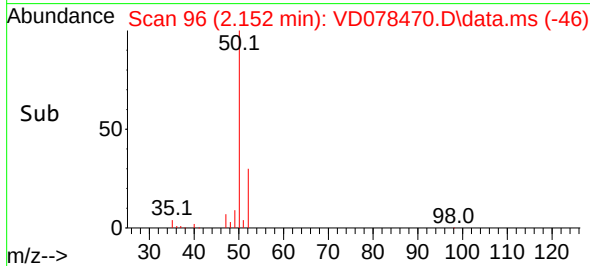
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Tgt Ion: 50 Resp: 10114
Ion Ratio Lower Upper
50 100
52 30.4 26.6 40.0

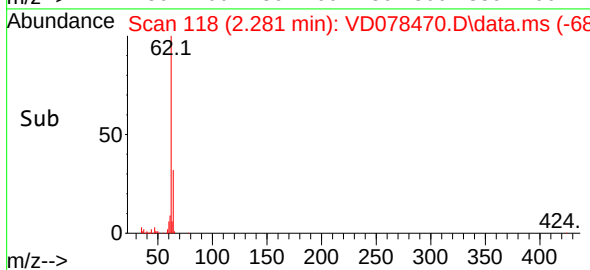
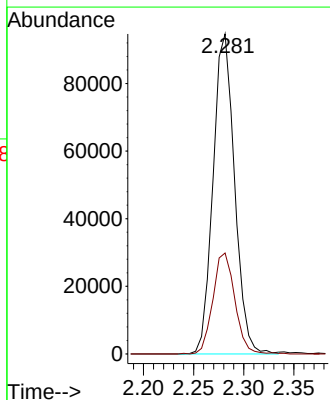
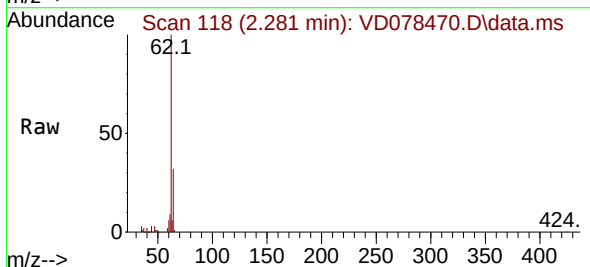
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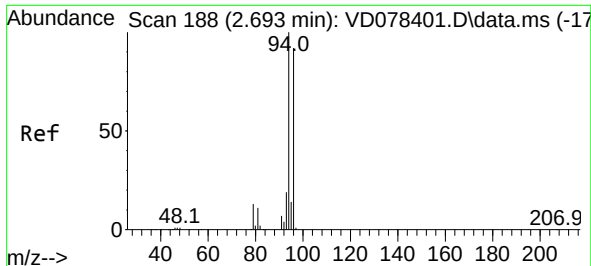
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#4
Vinyl Chloride
Concen: 61.148 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

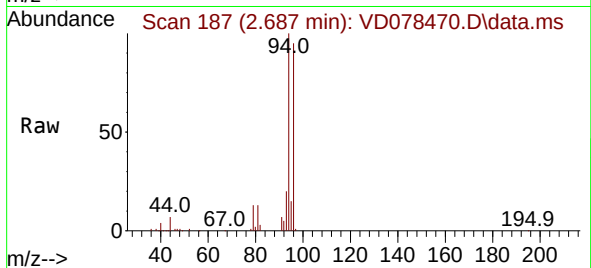
Tgt Ion: 62 Resp: 141075
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0





#5
Bromomethane
Concen: 56.650 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

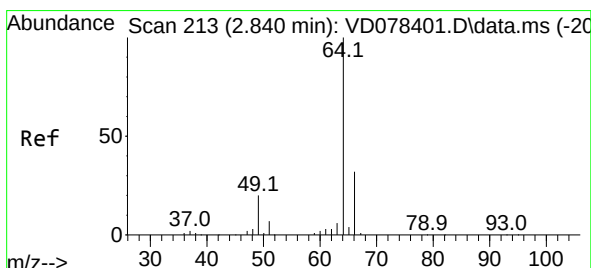
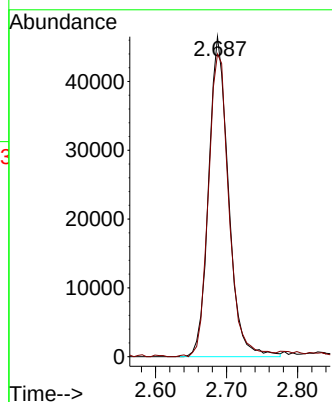
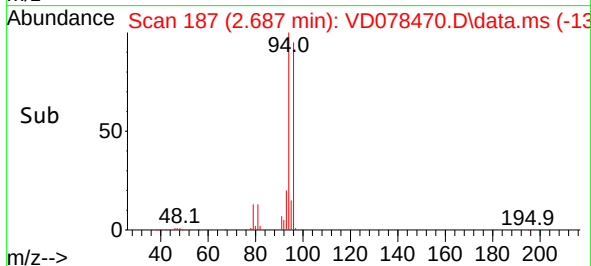
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Tgt Ion: 94 Resp: 90214
Ion Ratio Lower Upper
94 100
96 98.2 75.8 113.8

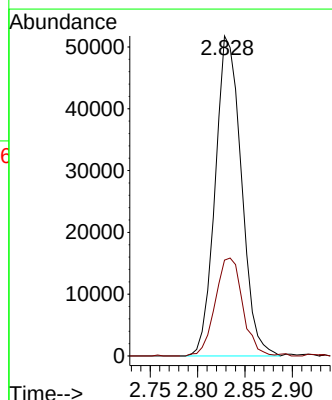
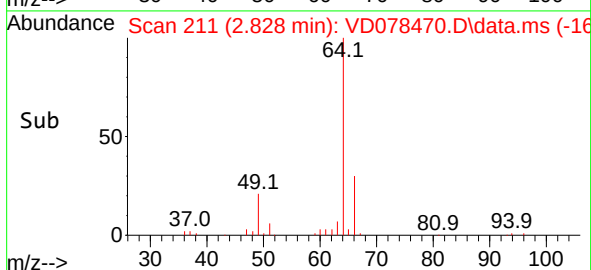
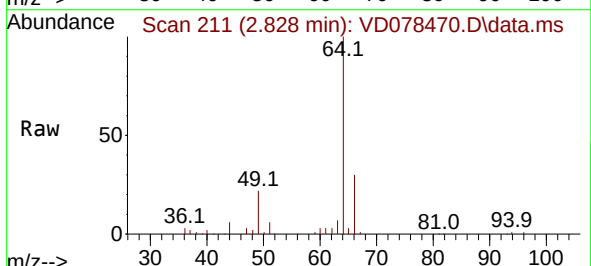
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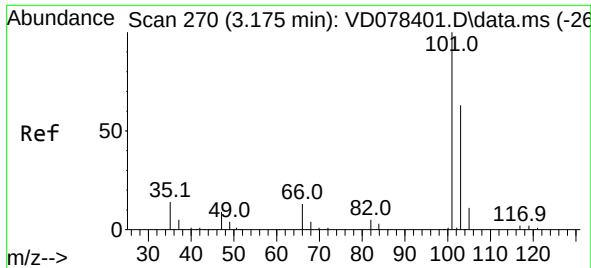
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#6
Chloroethane
Concen: 59.153 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

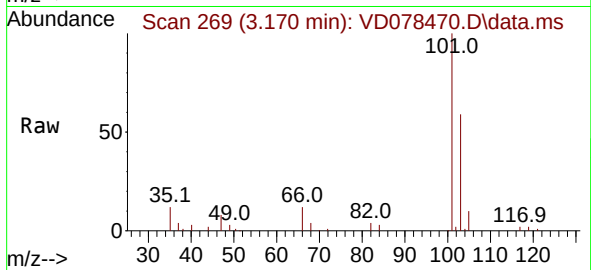
Tgt Ion: 64 Resp: 99516
Ion Ratio Lower Upper
64 100
66 29.9 25.5 38.3





#7
Trichlorofluoromethane
Concen: 57.516 ug/l
RT: 3.170 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

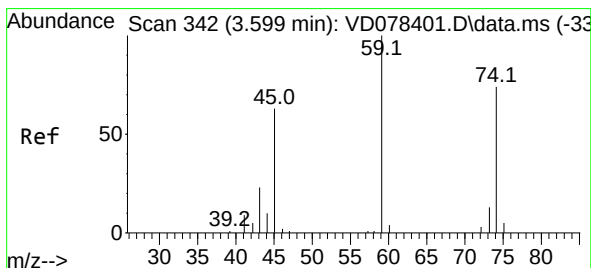
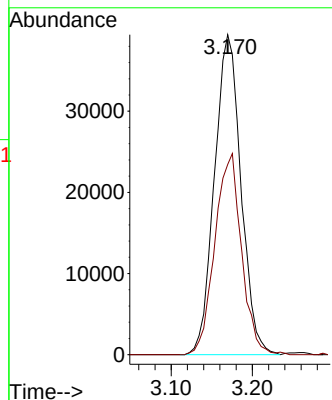
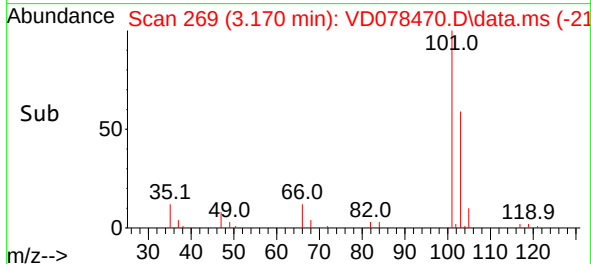
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Tgt Ion:101 Resp: 8951
Ion Ratio Lower Upper
101 100
103 59.5 52.3 78.5

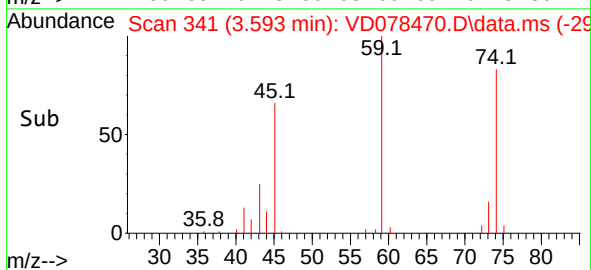
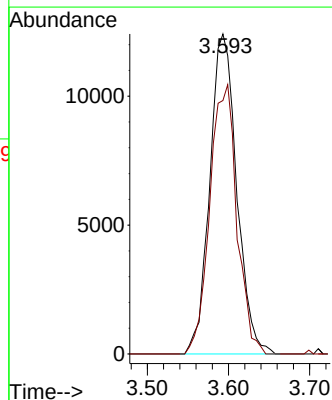
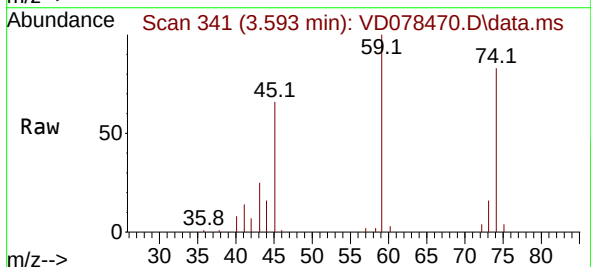
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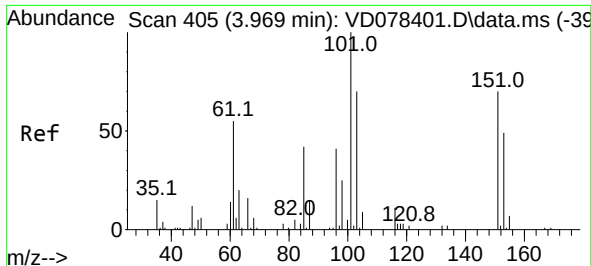
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#8
Diethyl Ether
Concen: 63.970 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 74 Resp: 28676
Ion Ratio Lower Upper
74 100
45 84.2 37.5 112.7





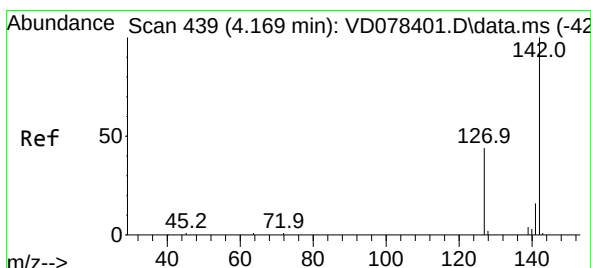
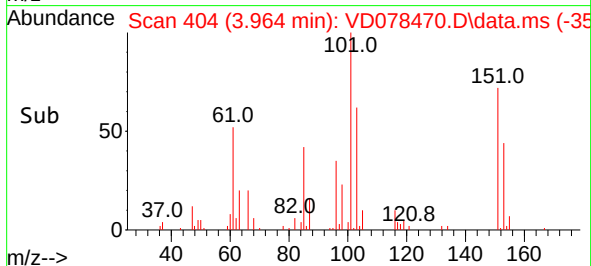
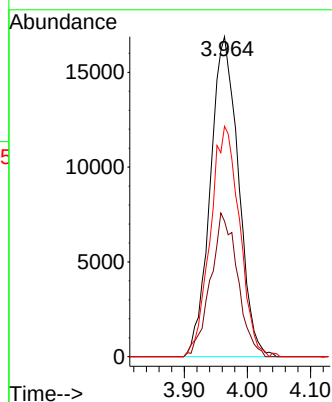
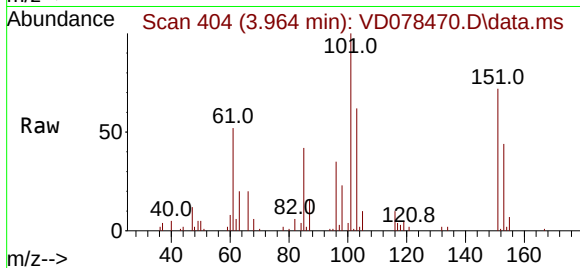
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.175 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

Tgt Ion:101 Resp: 52208
Ion Ratio Lower Upper
101 100
85 43.3 33.8 50.6
151 74.5 59.8 89.6

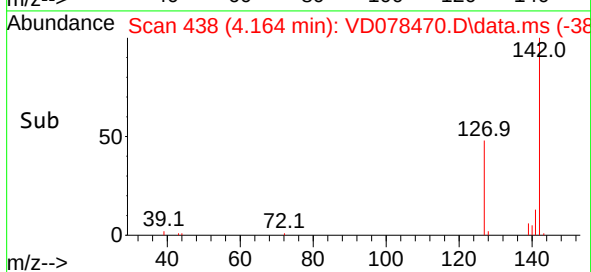
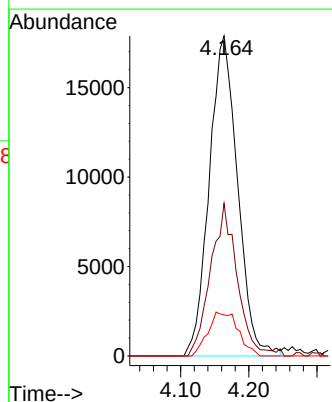
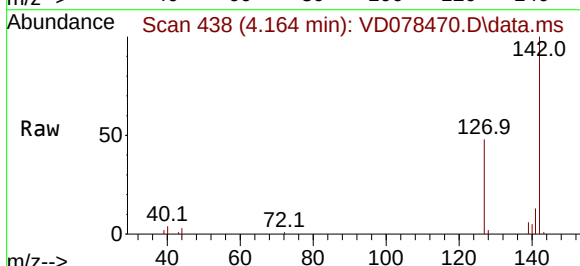
Manual Integrations
APPROVED

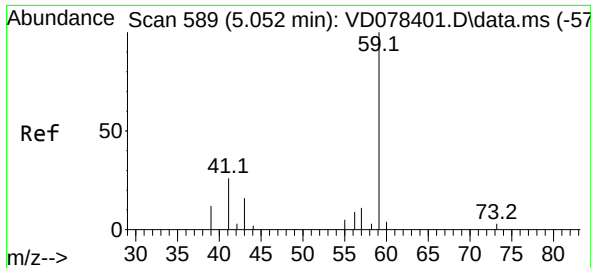
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#10
Methyl Iodide
Concen: 58.871 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:142 Resp: 51769
Ion Ratio Lower Upper
142 100
127 44.8 29.4 44.0#
141 14.6 11.1 16.7





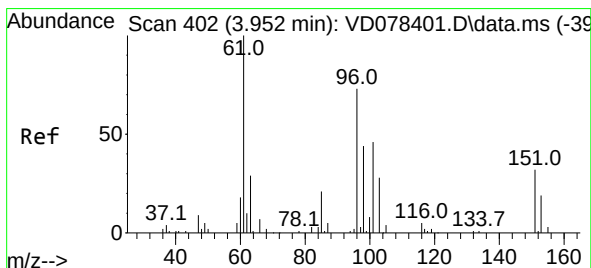
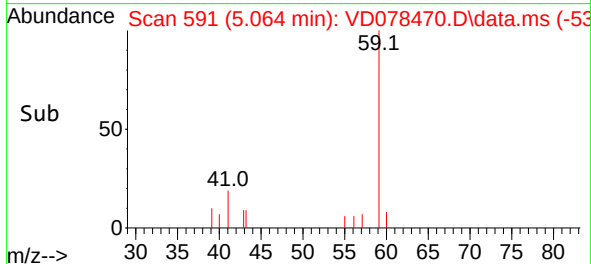
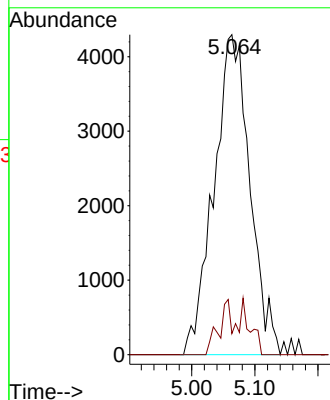
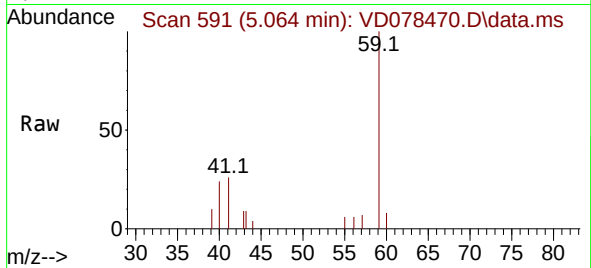
#11
Tert butyl alcohol
Concen: 350.507 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

Tgt Ion: 59 Resp: 17040
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.8

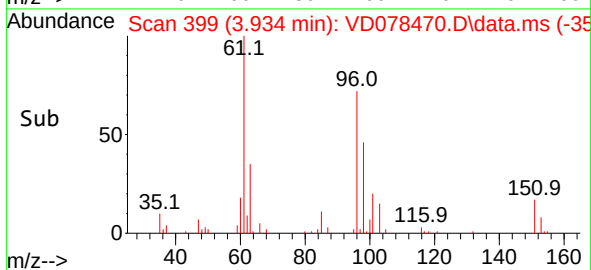
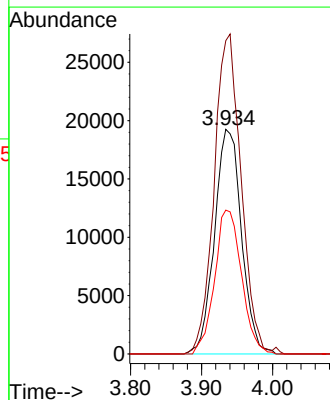
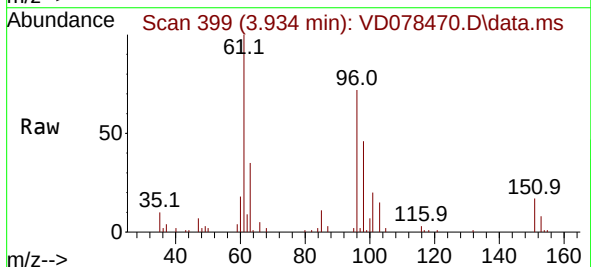
Manual Integrations
APPROVED

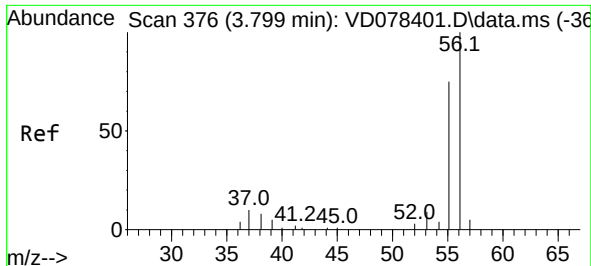
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#12
1,1-Dichloroethene
Concen: 55.762 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.018 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

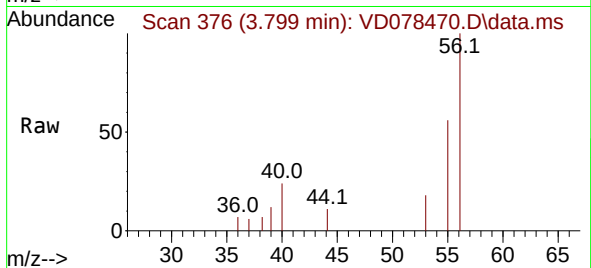
Tgt Ion: 96 Resp: 50757
Ion Ratio Lower Upper
96 100
61 139.5 100.6 150.8
98 64.0 50.2 75.2





#13
Acrolein
Concen: 80.138 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

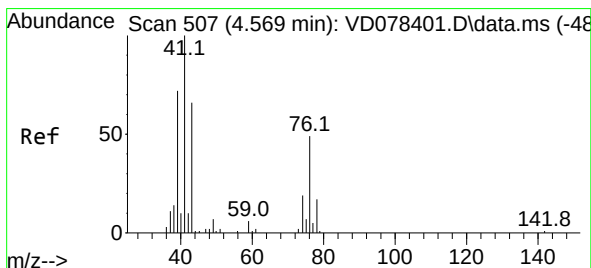
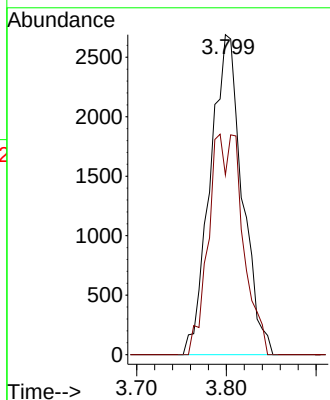
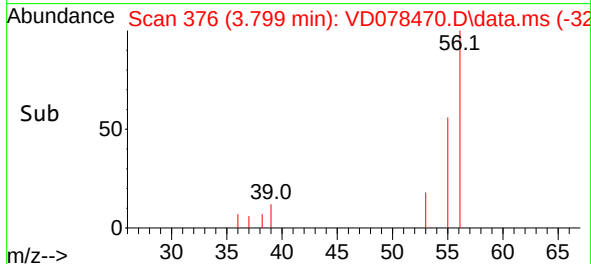
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion: 56 Resp: 6684
Ion Ratio Lower Upper
56 100
55 73.4 55.1 82.7

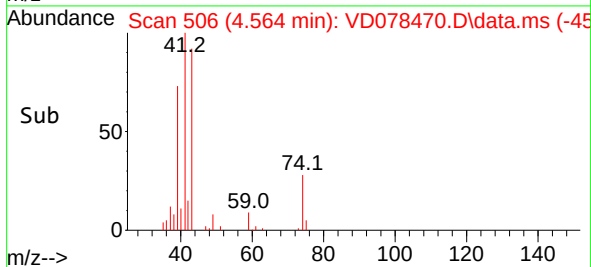
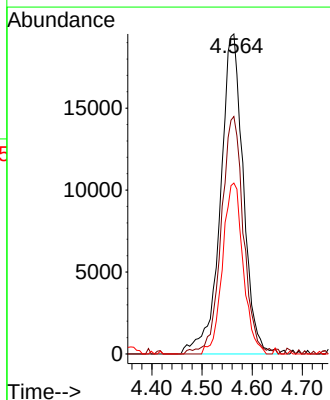
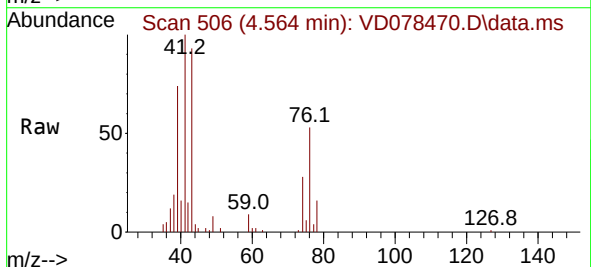
Manual Integrations
APPROVED

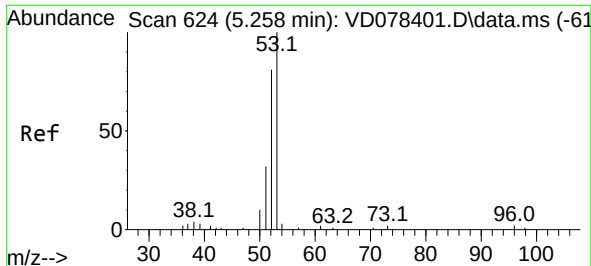
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#14
Allyl chloride
Concen: 54.928 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

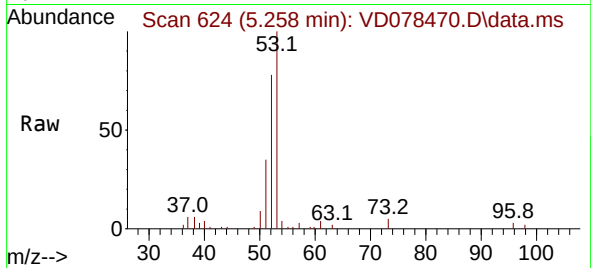
Tgt Ion: 41 Resp: 61766
Ion Ratio Lower Upper
41 100
39 72.6 53.8 80.6
76 48.2 45.8 68.8





#15
Acrylonitrile
Concen: 361.928 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

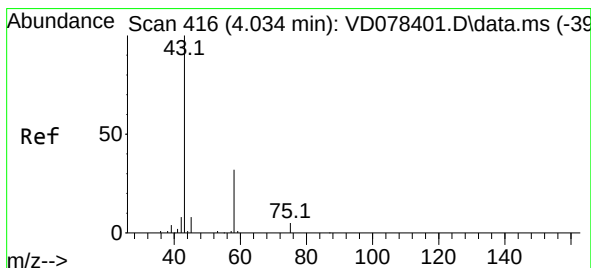
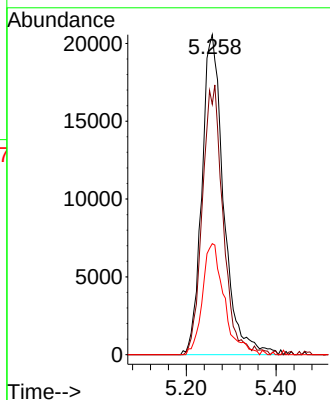
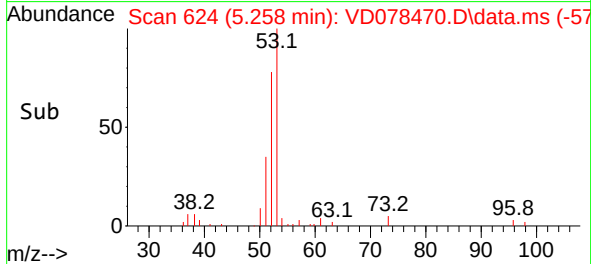
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion: 53 Resp: 6945
Ion Ratio Lower Upper
53 100
52 79.4 65.0 97.4
51 34.7 28.3 42.5

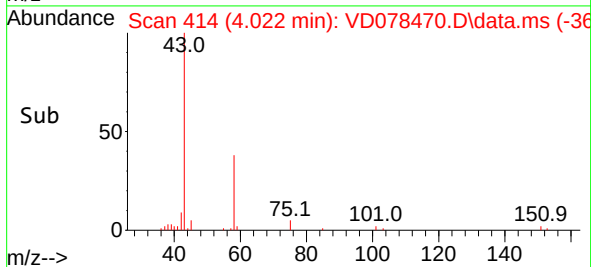
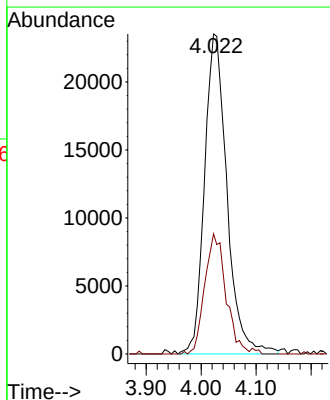
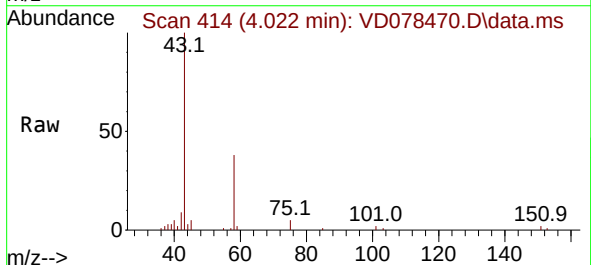
Manual Integrations
APPROVED

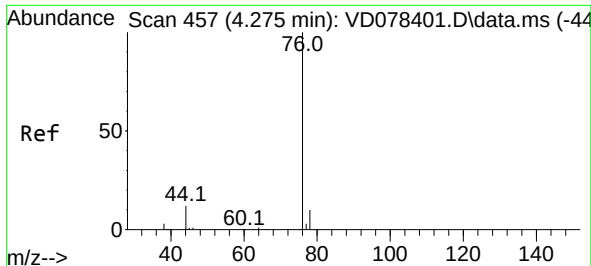
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#16
Acetone
Concen: 407.943 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

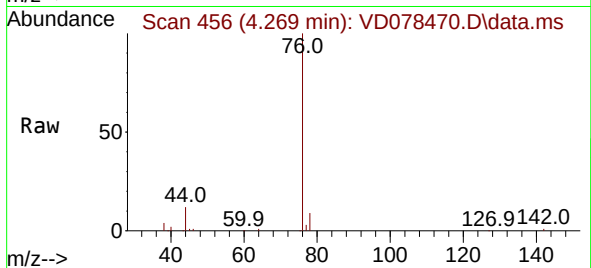
Tgt Ion: 43 Resp: 66685
Ion Ratio Lower Upper
43 100
58 37.6 34.7 52.1





#17
Carbon Disulfide
Concen: 49.771 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

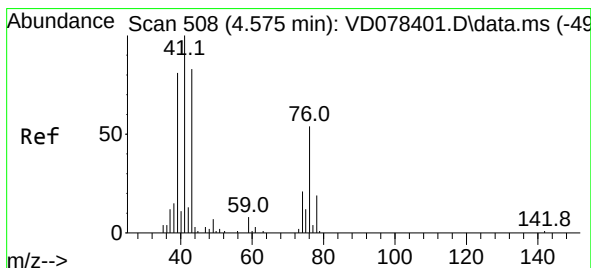
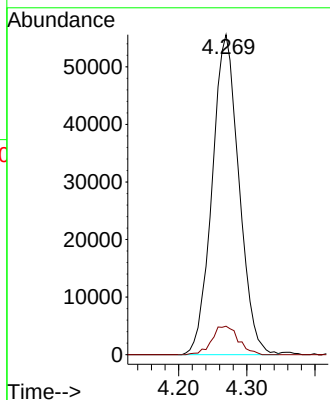
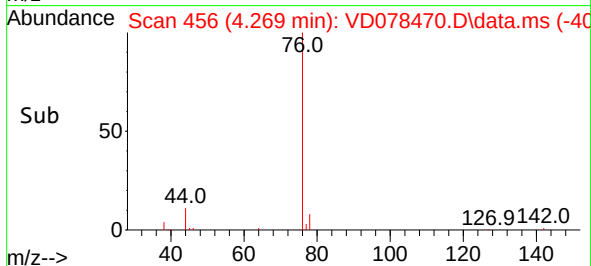
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion: 76 Resp: 15244
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

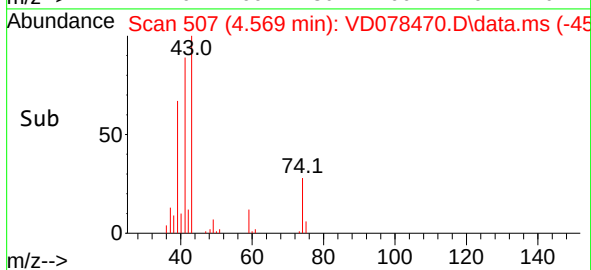
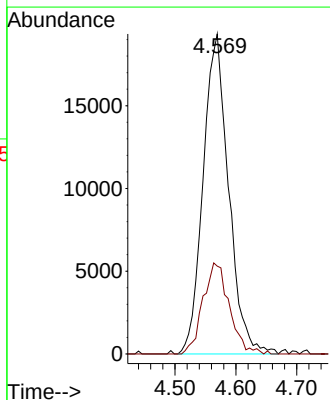
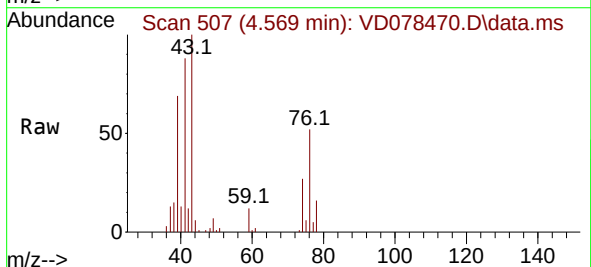
Manual Integrations
APPROVED

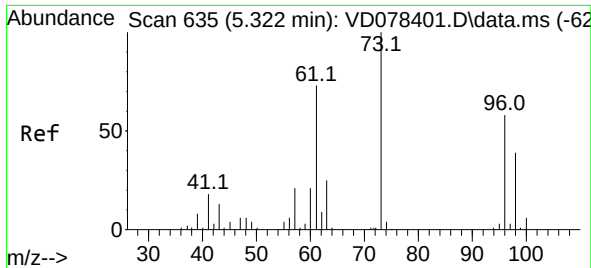
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#18
Methyl Acetate
Concen: 81.933 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

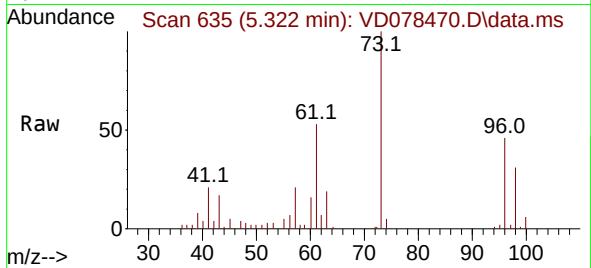
Tgt Ion: 43 Resp: 56199
Ion Ratio Lower Upper
43 100
74 29.4 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 66.177 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

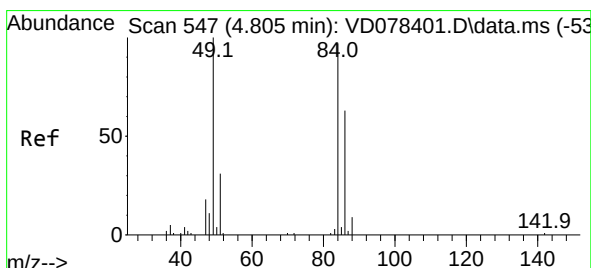
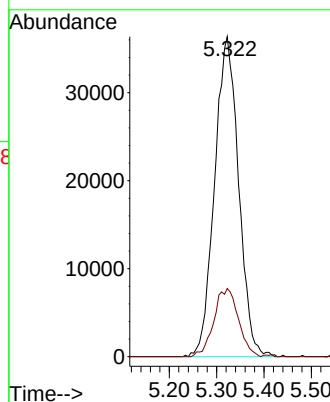
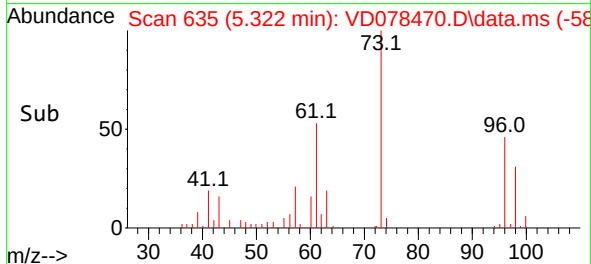
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion: 73 Resp: 12798
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0

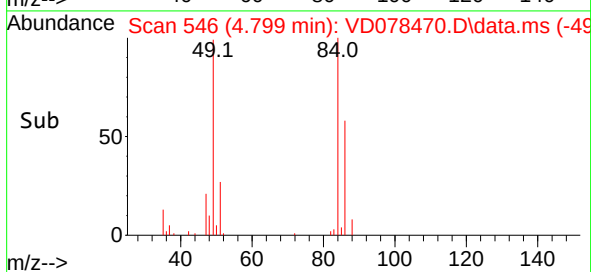
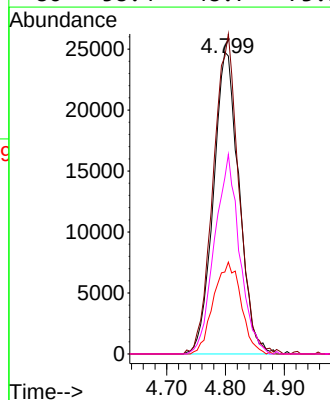
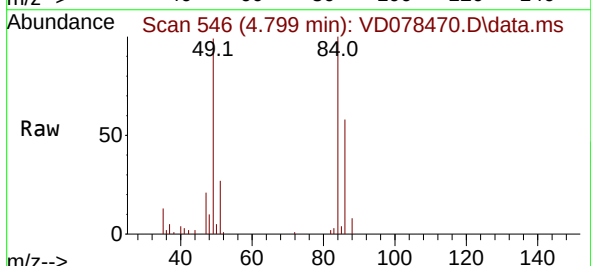
Manual Integrations
APPROVED

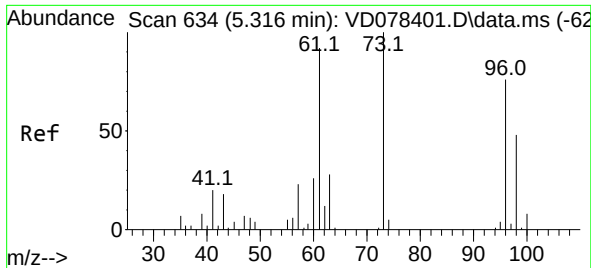
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#20
Methylene Chloride
Concen: 74.875 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

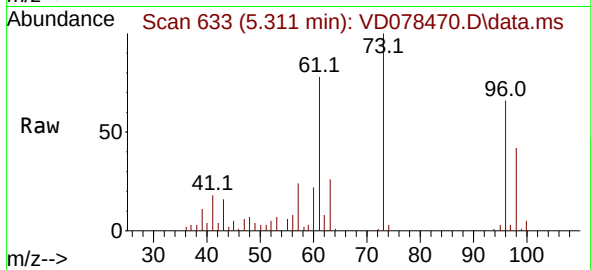
Tgt Ion: 84 Resp: 75005
Ion Ratio Lower Upper
84 100
49 98.5 71.4 107.2
51 27.1 24.5 36.7
86 58.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 57.335 ug/l
RT: 5.311 min Scan# 613
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

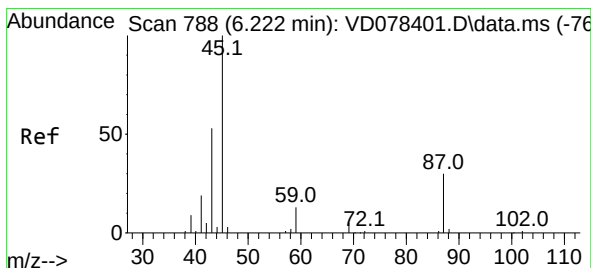
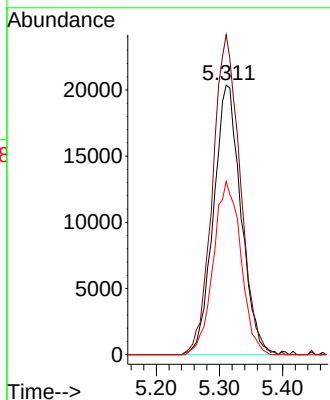
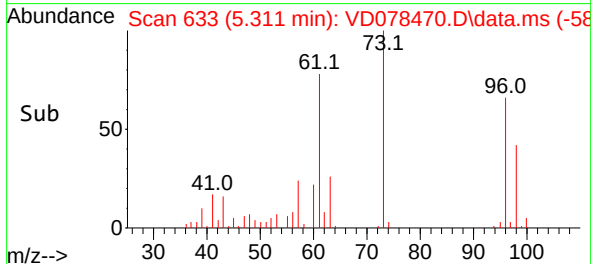
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion: 96 Resp: 61390
Ion Ratio Lower Upper
96 100
61 118.7 89.3 133.9
98 64.3 48.6 73.0

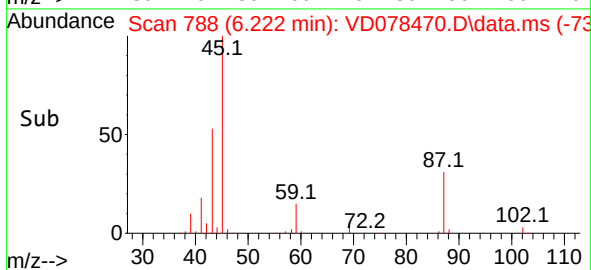
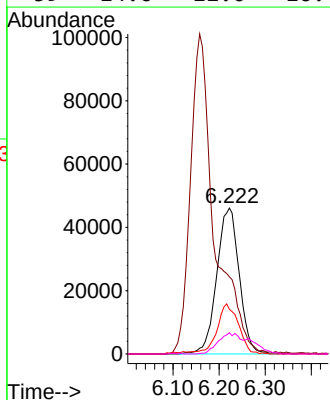
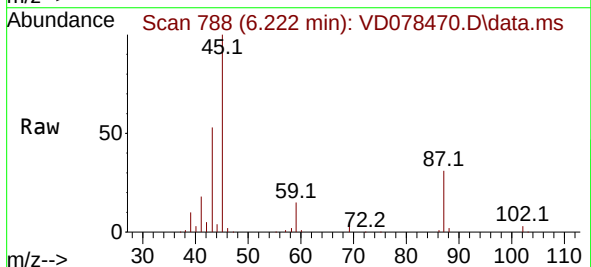
Manual Integrations
APPROVED

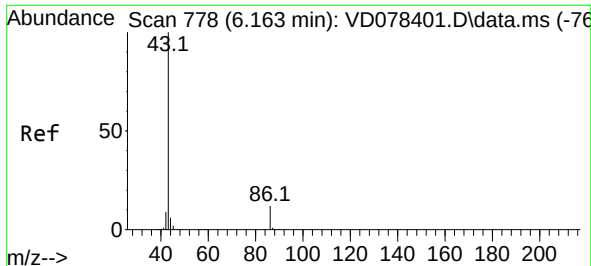
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#22
Diisopropyl ether
Concen: 62.939 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

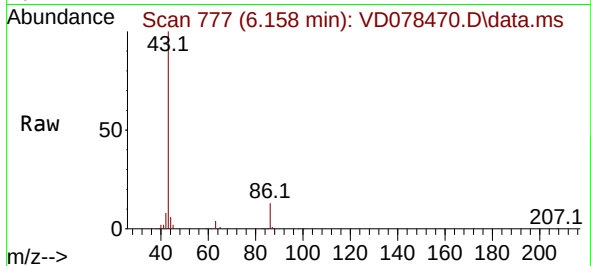
Tgt Ion: 45 Resp: 155993
Ion Ratio Lower Upper
45 100
43 51.9 40.0 60.0
87 30.6 28.2 42.4
59 14.6 11.0 16.4





#23
 Vinyl Acetate
 Concen: 291.402 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078470.D
 Acq: 19 Feb 2024 18:13

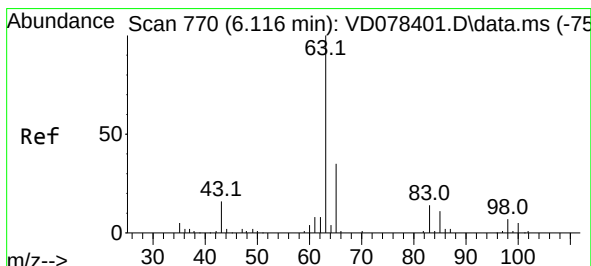
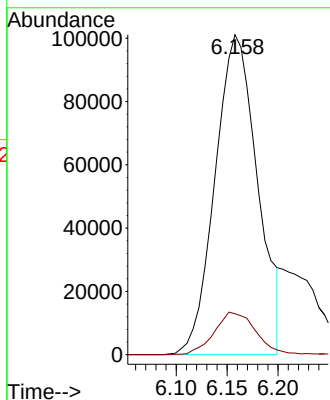
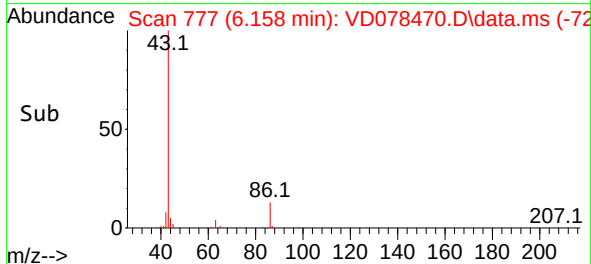
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-858-860MSD



Tgt Ion: 43 Resp: 29364
 Ion Ratio Lower Upper
 43 100
 86 12.8 12.5 18.7

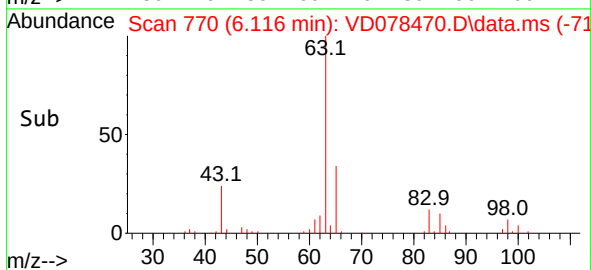
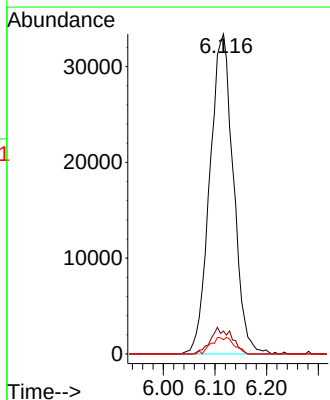
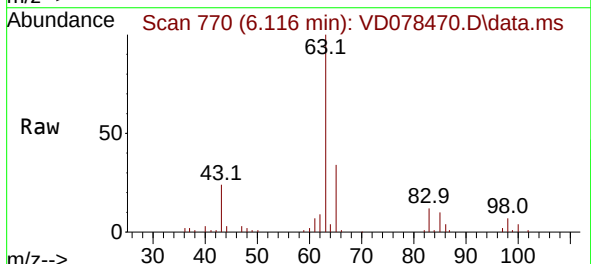
Manual Integrations
 APPROVED

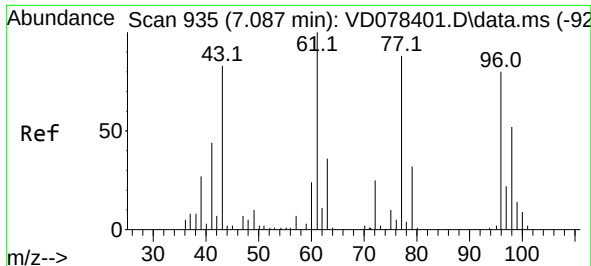
Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024



#24
 1,1-Dichloroethane
 Concen: 60.130 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078470.D
 Acq: 19 Feb 2024 18:13

Tgt Ion: 63 Resp: 105574
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 355.717 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

Tgt Ion: 43 Resp: 79849

Ion Ratio Lower Upper

43 100

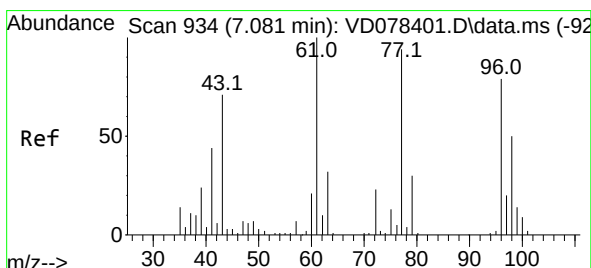
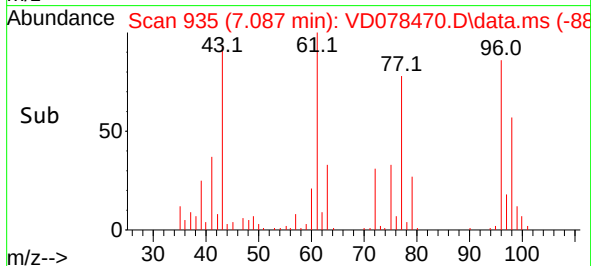
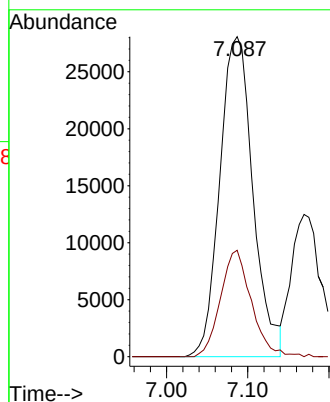
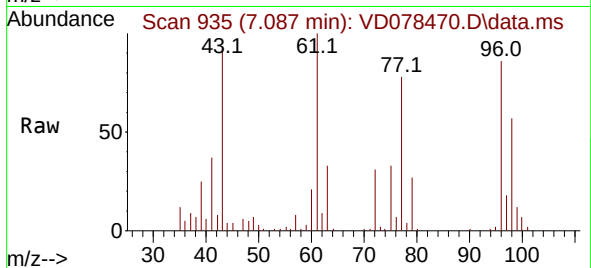
72 33.2 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#26

2,2-Dichloropropane

Concen: 55.456 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078470.D

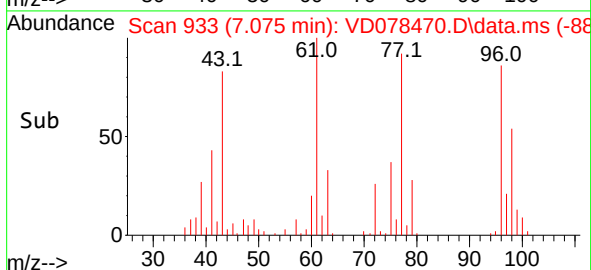
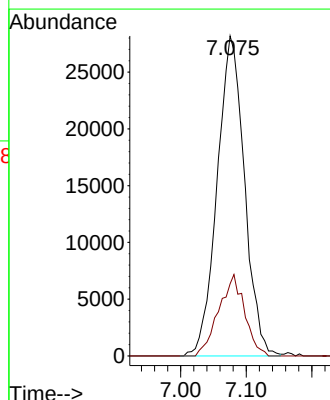
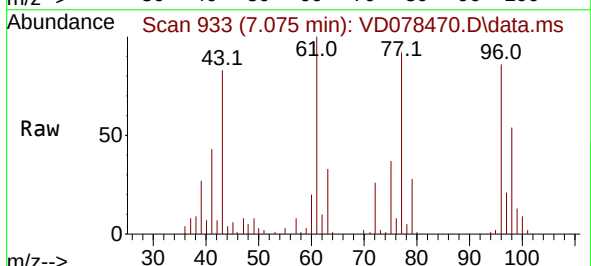
Acq: 19 Feb 2024 18:13

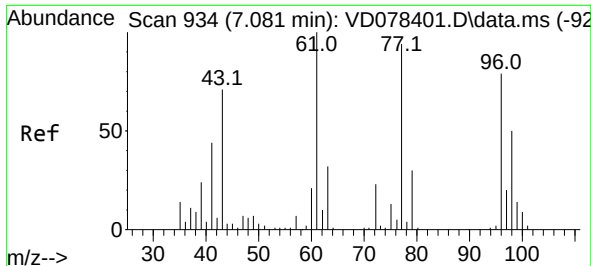
Tgt Ion: 77 Resp: 81624

Ion Ratio Lower Upper

77 100

97 24.1 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 61.200 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

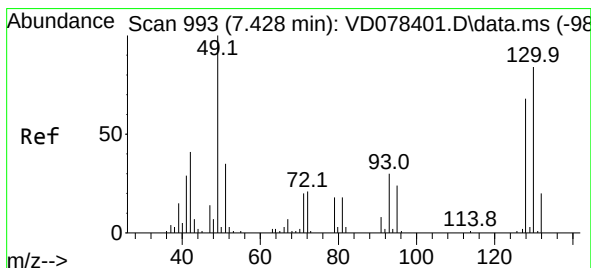
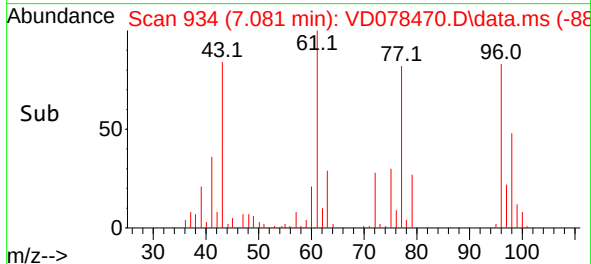
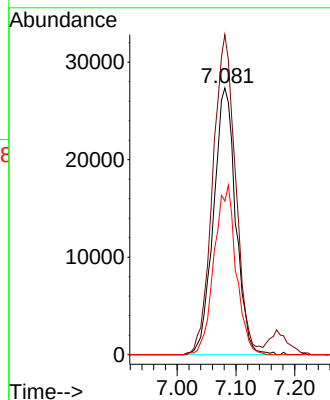
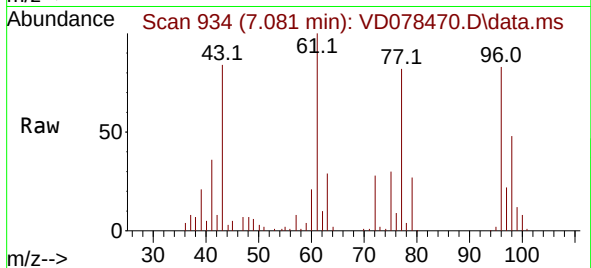
BP-VPB-191-GW-858-860MSD

Tgt Ion: 96	Resp: 7190
Ion Ratio	Lower Upper
96 100	
61 123.4	0.0 239.2
98 62.9	0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#28

Bromochloromethane

Concen: 56.620 ug/l

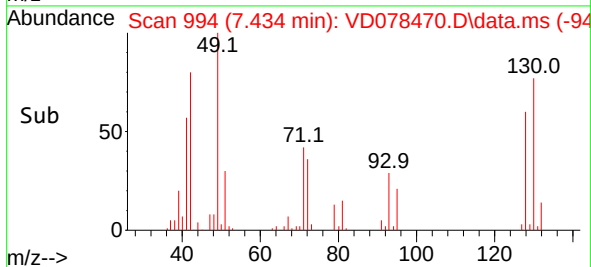
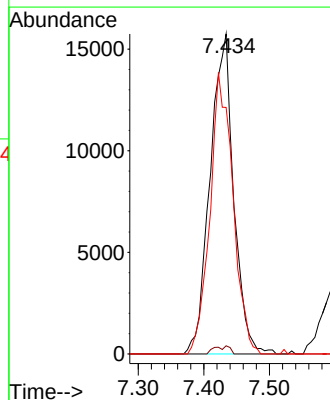
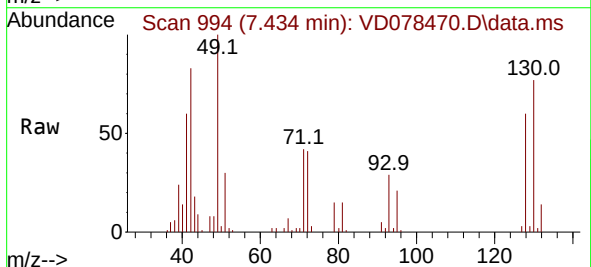
RT: 7.434 min Scan# 994

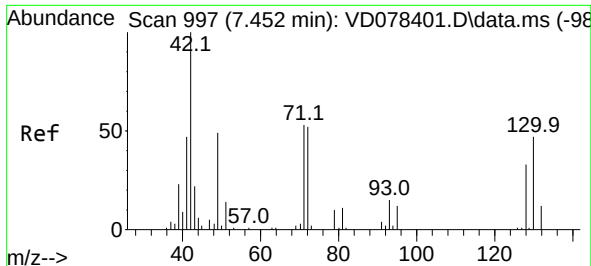
Delta R.T. 0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Tgt Ion: 49	Resp: 39374
Ion Ratio	Lower Upper
49 100	
129 1.0	0.0 6.0
130 85.6	83.2 124.8





#29

Tetrahydrofuran

Concen: 367.862 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078470.D

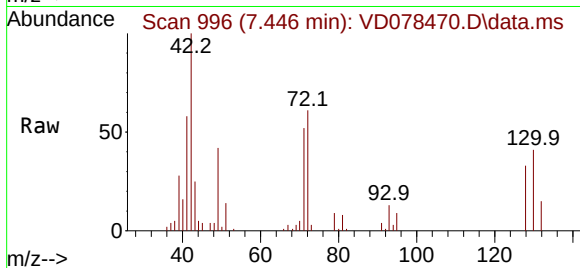
Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

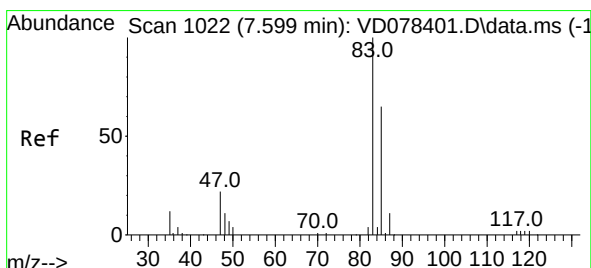
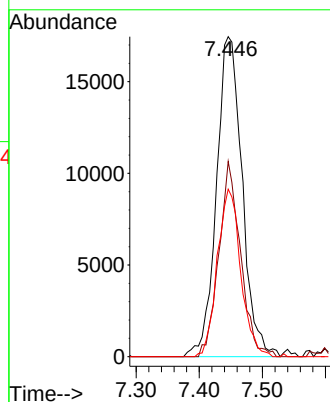
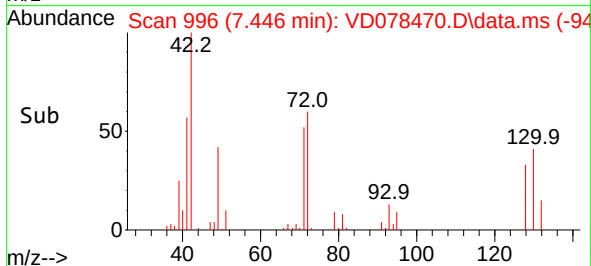


Tgt Ion:	42	Resp:	4939
Ion Ratio	Lower	Upper	
42	100		
72	51.5	46.5	69.7
71	47.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#30

Chloroform

Concen: 61.903 ug/l

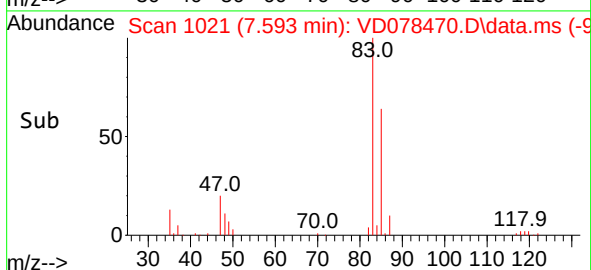
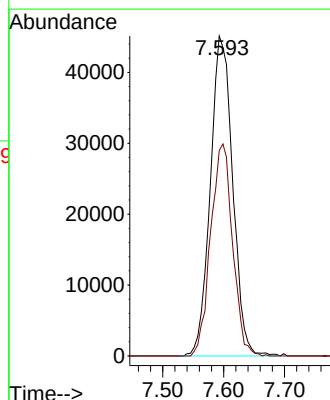
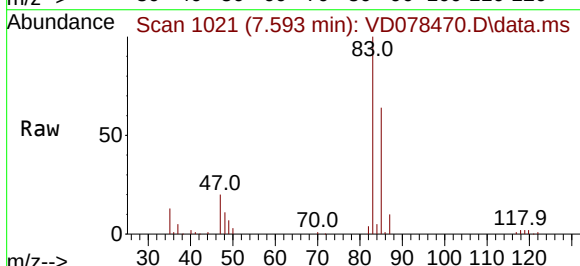
RT: 7.593 min Scan# 1021

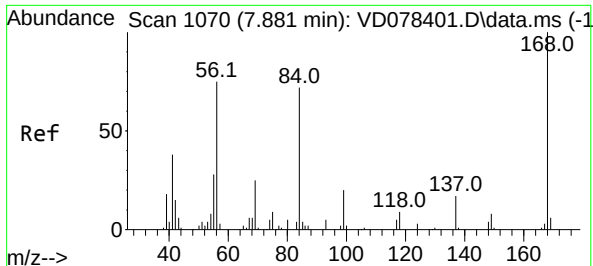
Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

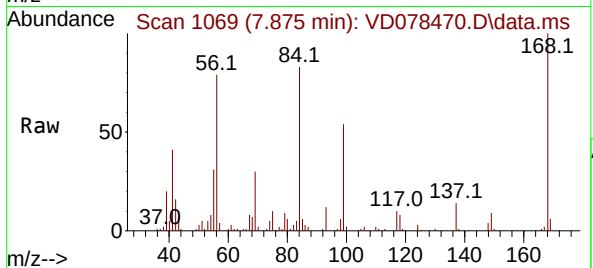
Tgt Ion:	83	Resp:	114994
Ion Ratio	Lower	Upper	
83	100		
85	64.2	53.4	80.2





#31
Cyclohexane
Concen: 49.358 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

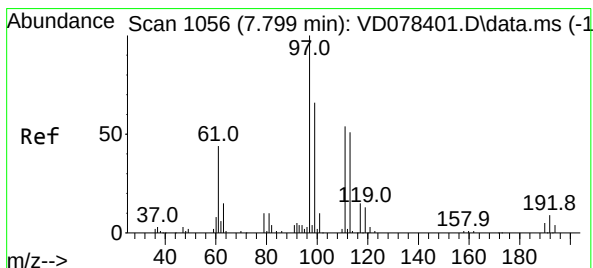
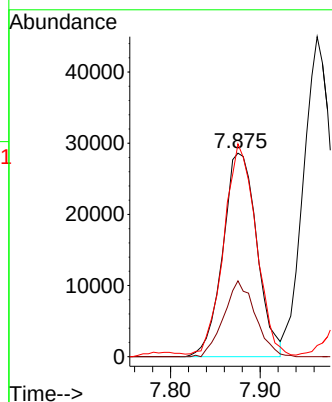
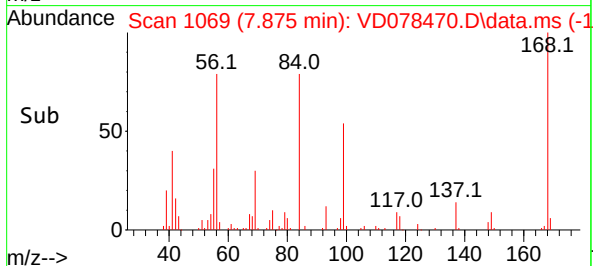
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion: 56 Resp: 7538
Ion Ratio Lower Upper
56 100
69 37.2 28.6 43.0
84 102.9 84.8 127.2

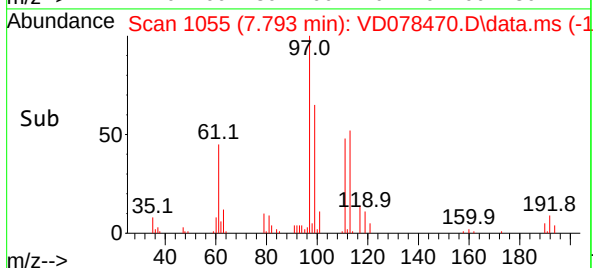
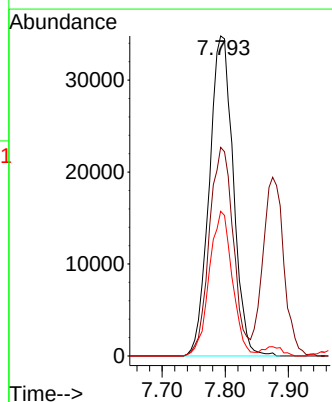
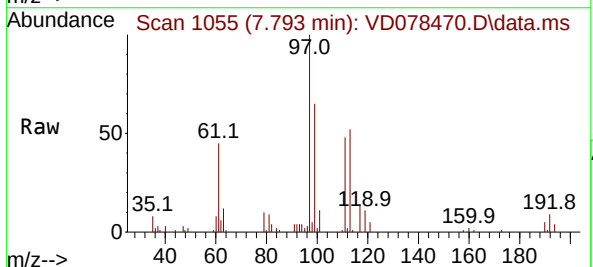
Manual Integrations
APPROVED

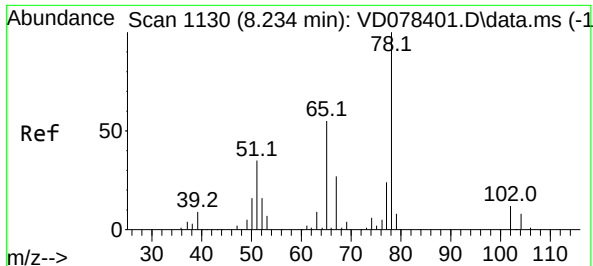
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#32
1,1,1-Trichloroethane
Concen: 58.039 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 97 Resp: 91924
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 43.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 64.209 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

Tgt Ion: 65 Resp: 57970

Ion Ratio Lower Upper

65 100

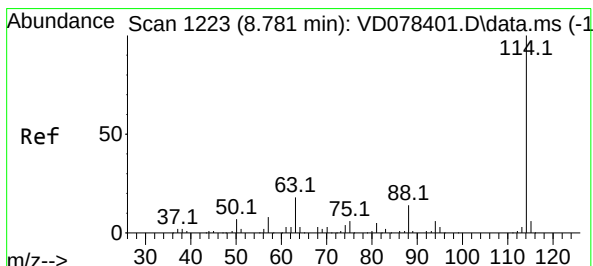
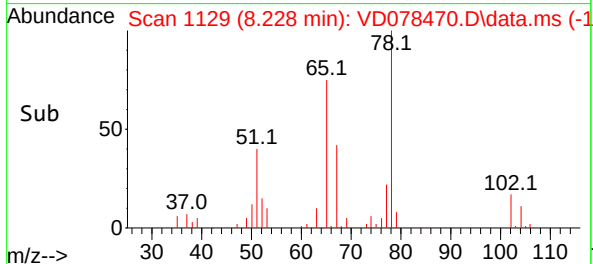
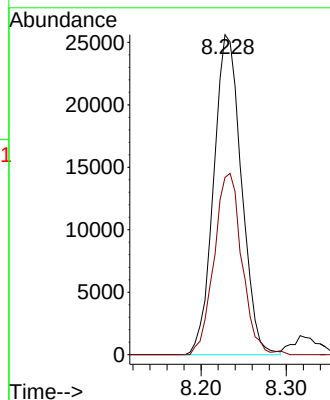
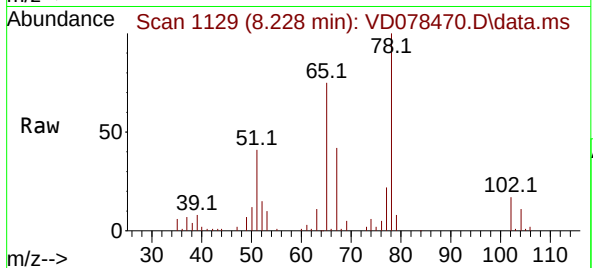
67 56.8 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

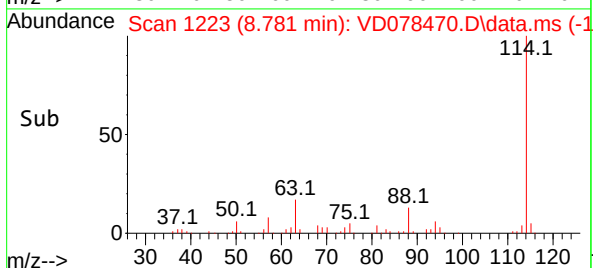
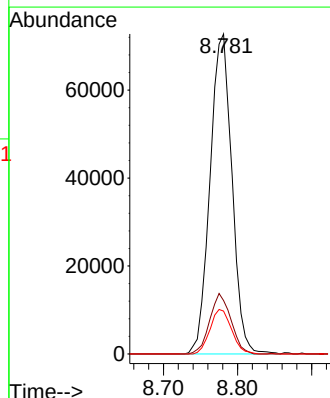
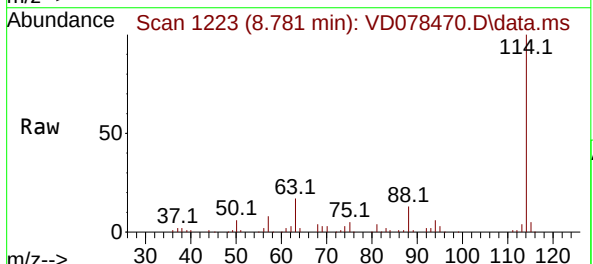
Tgt Ion:114 Resp: 149489

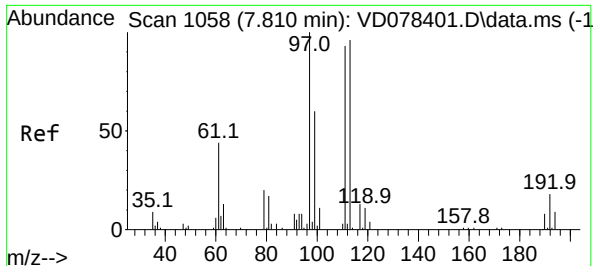
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 63.772 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

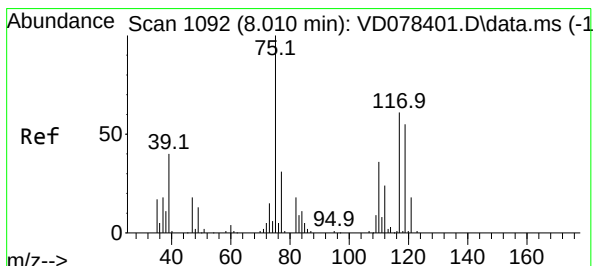
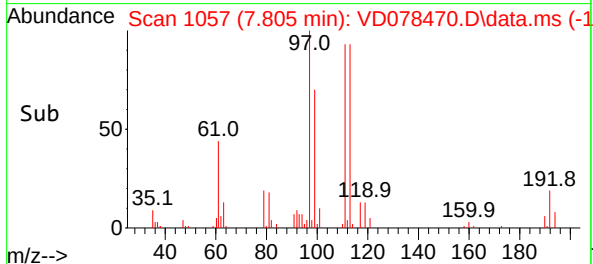
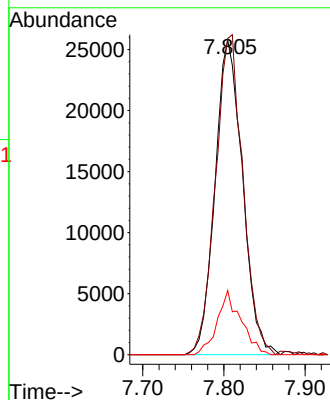
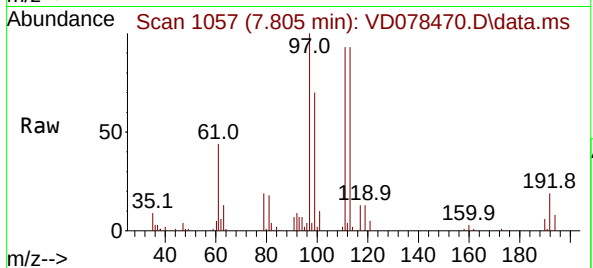
BP-VPB-191-GW-858-860MSD

Tgt Ion:	113	Resp:	6055
Ion Ratio	Lower	Upper	
113	100		
111	101.4	84.7	127.1
192	17.6	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#36

1,1-Dichloropropene

Concen: 51.735 ug/l

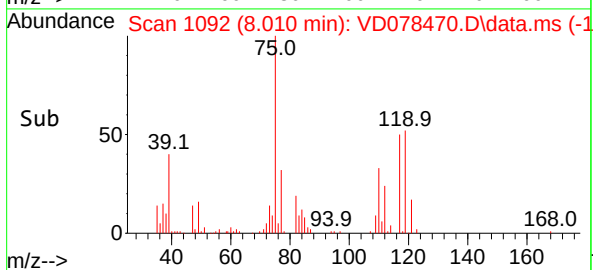
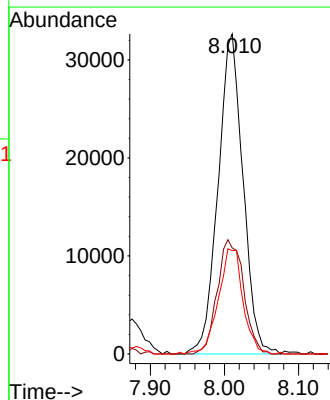
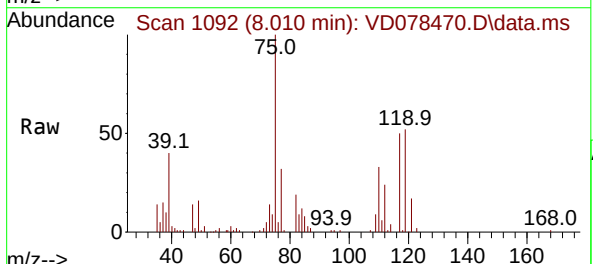
RT: 8.010 min Scan# 1092

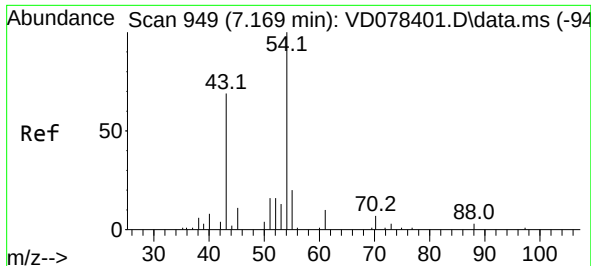
Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

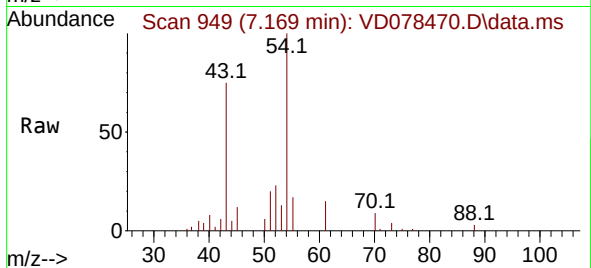
Tgt Ion:	75	Resp:	76317
Ion Ratio	Lower	Upper	
75	100		
110	37.6	19.9	59.6
77	32.6	24.7	37.1





#37
Ethyl Acetate
Concen: 64.037 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

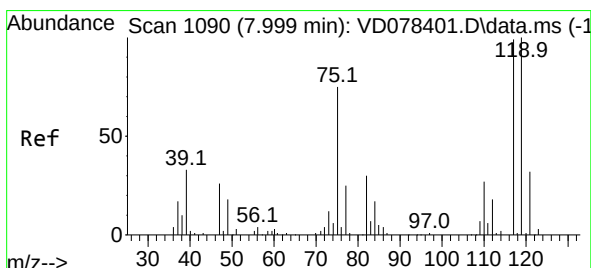
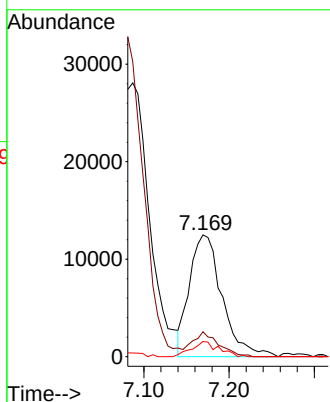
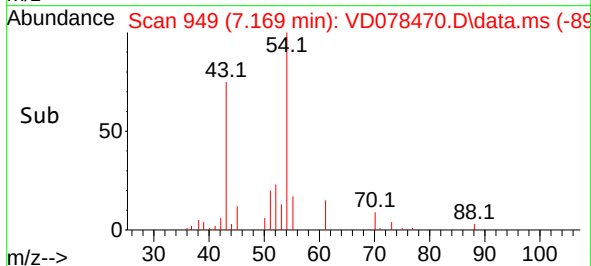
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion: 43 Resp: 33114
Ion Ratio Lower Upper
43 100
61 16.3 14.9 22.3
70 10.5 10.0 15.0

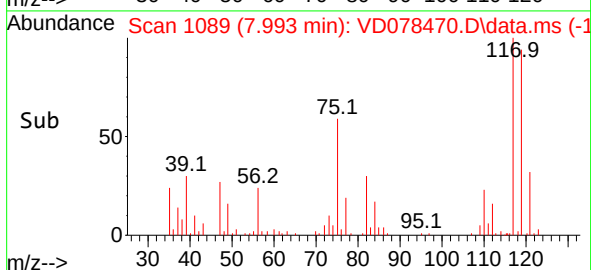
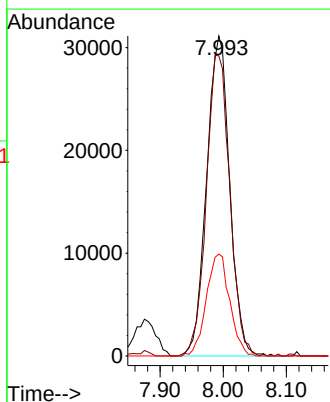
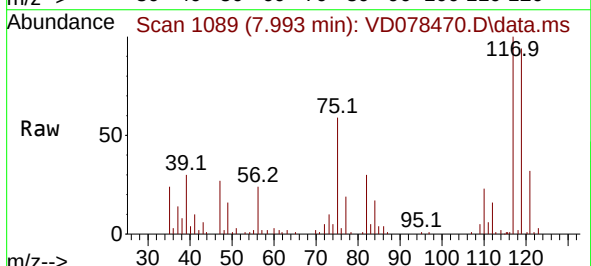
Manual Integrations
APPROVED

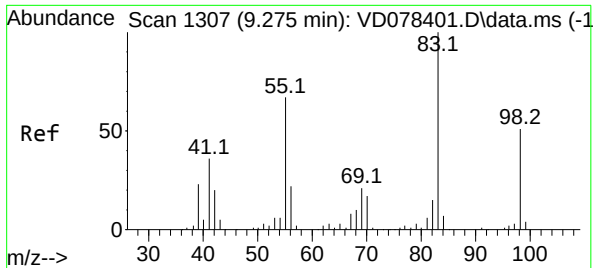
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#38
Carbon Tetrachloride
Concen: 54.088 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:117 Resp: 79016
Ion Ratio Lower Upper
117 100
119 93.7 78.0 117.0
121 31.8 24.2 36.2





#39

Methylcyclohexane

Concen: 45.344 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

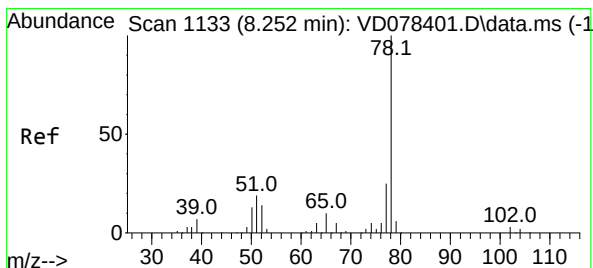
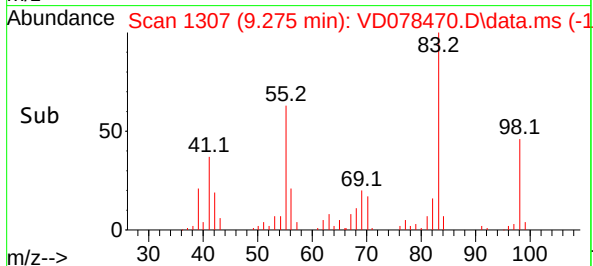
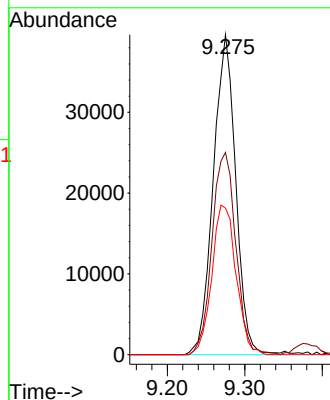
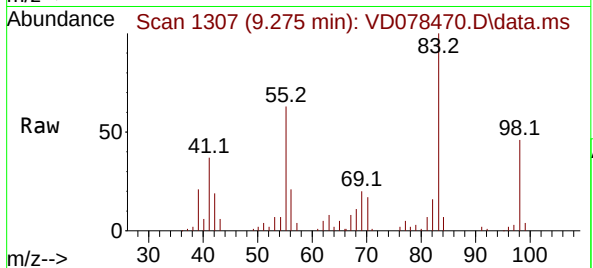
BP-VPB-191-GW-858-860MSD

Tgt Ion: 83	Resp: 79408
Ion Ratio	Lower Upper
83	100
55	63.2 49.4 74.0
98	45.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#40

Benzene

Concen: 57.681 ug/l

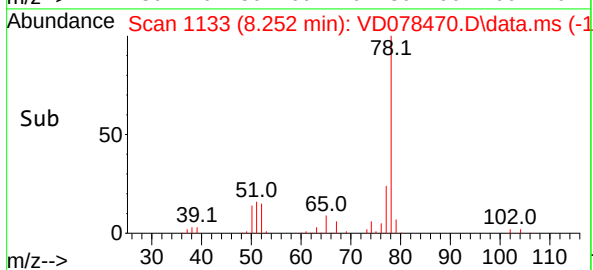
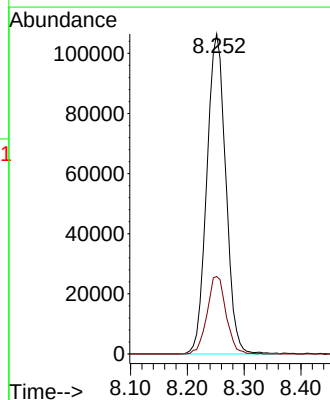
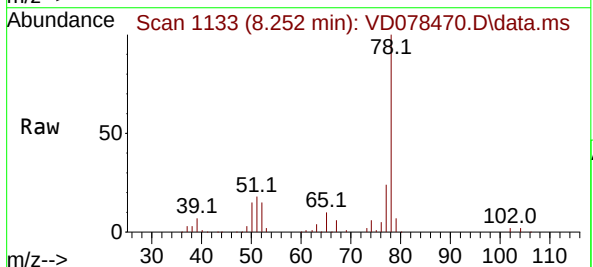
RT: 8.252 min Scan# 1133

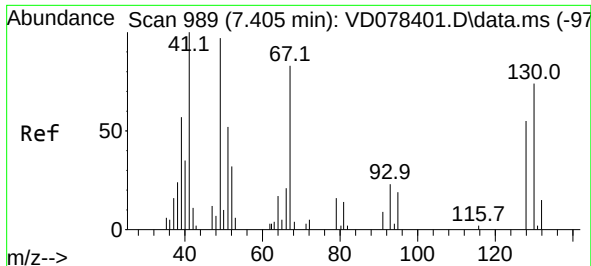
Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

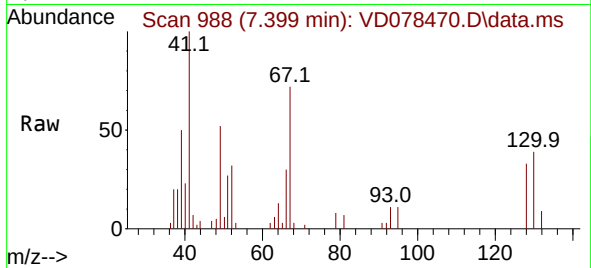
Tgt Ion: 78	Resp: 245943
Ion Ratio	Lower Upper
78	100
77	24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 65.420 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

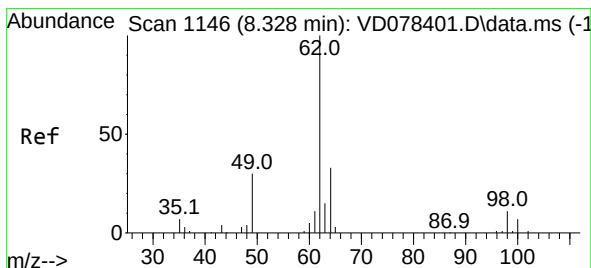
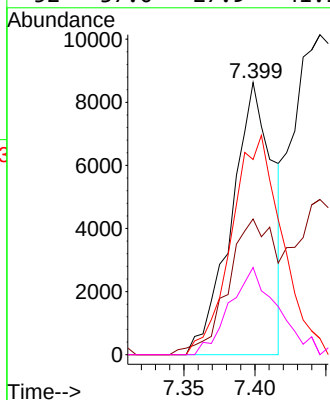
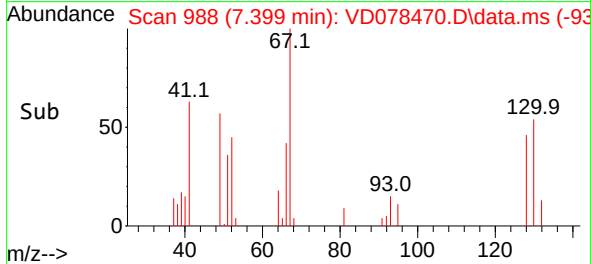
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion: 41 Resp: 17600
Ion Ratio Lower Upper
41 100
39 55.7 34.0 51.0
67 98.7 77.0 115.4
52 37.0 27.9 41.9

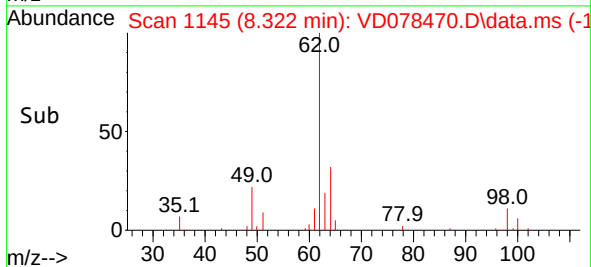
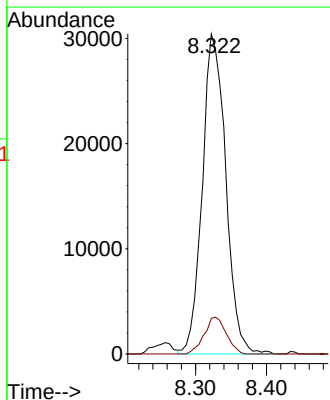
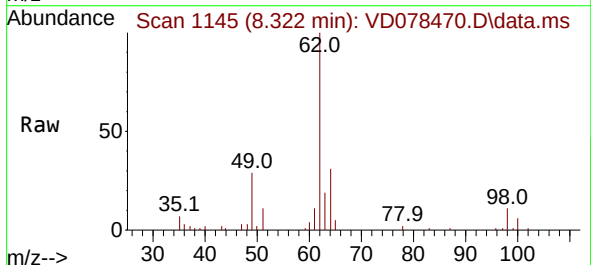
Manual Integrations
APPROVED

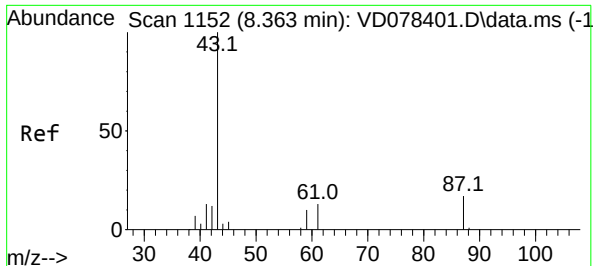
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#42
1,2-Dichloroethane
Concen: 63.327 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 62 Resp: 69867
Ion Ratio Lower Upper
62 100
98 10.8 0.0 25.4





#43

Isopropyl Acetate

Concen: 67.522 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

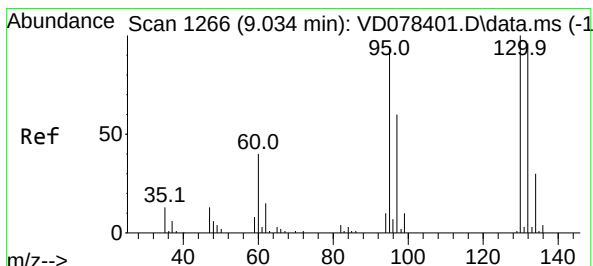
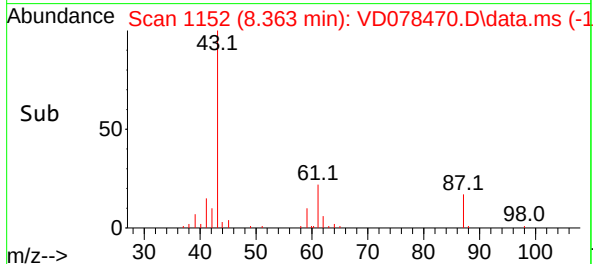
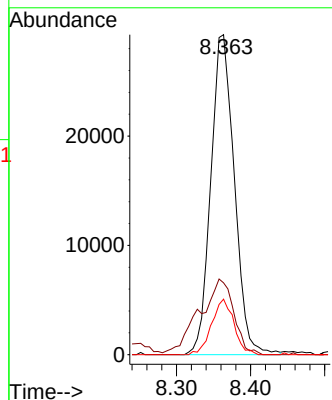
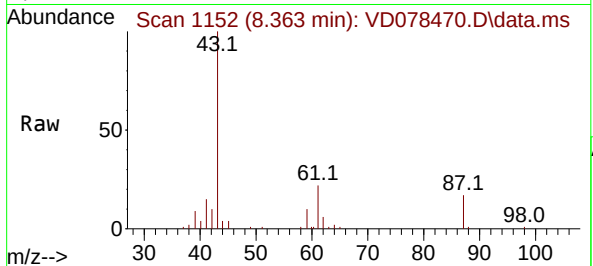
BP-VPB-191-GW-858-860MSD

Tgt Ion: 43	Resp: 6465
Ion Ratio	Lower Upper
43	100
61	34.6 31.4 47.0
87	16.5 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#44

Trichloroethene

Concen: 56.301 ug/l

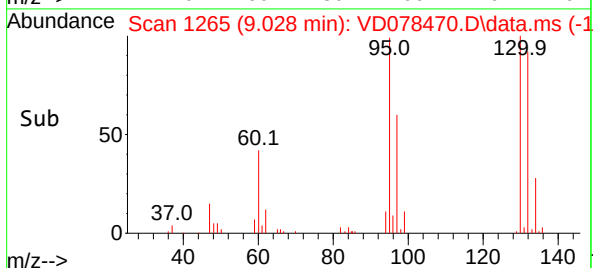
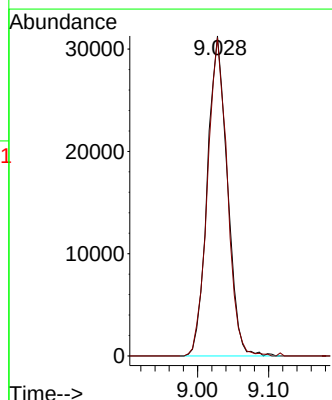
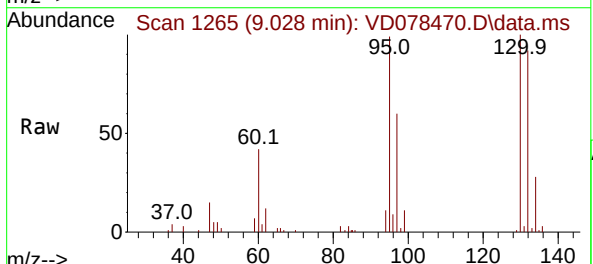
RT: 9.028 min Scan# 1265

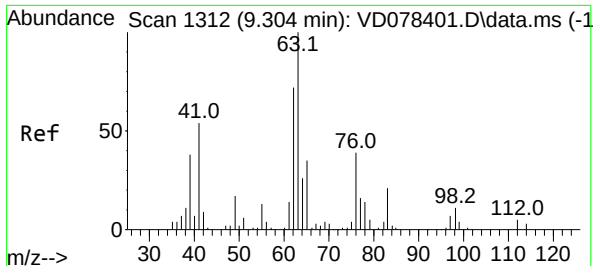
Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Tgt Ion:130	Resp: 61243
Ion Ratio	Lower Upper
130	100
95	99.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 59.400 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

Tgt Ion: 63 Resp: 6214

Ion Ratio Lower Upper

63 100

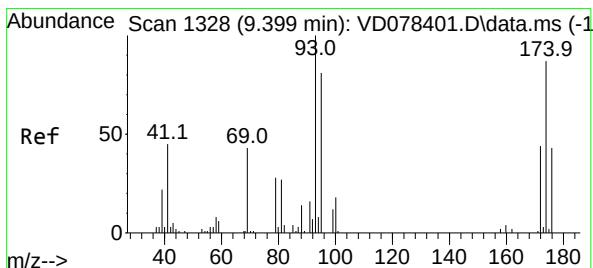
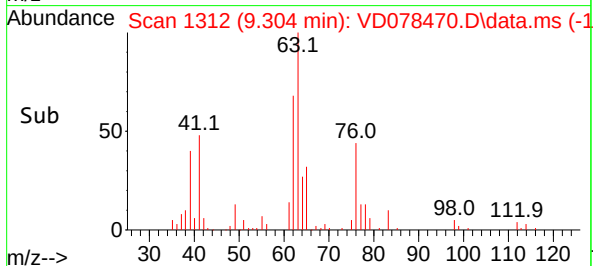
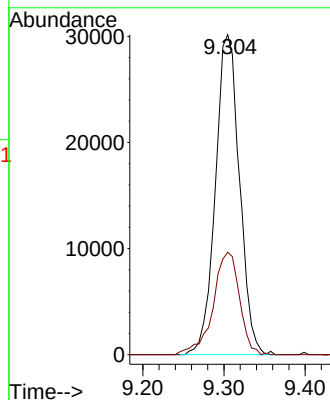
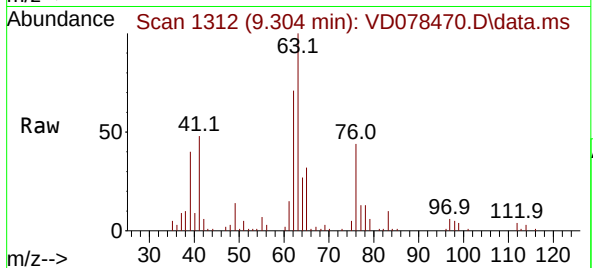
65 32.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#46

Dibromomethane

Concen: 65.362 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

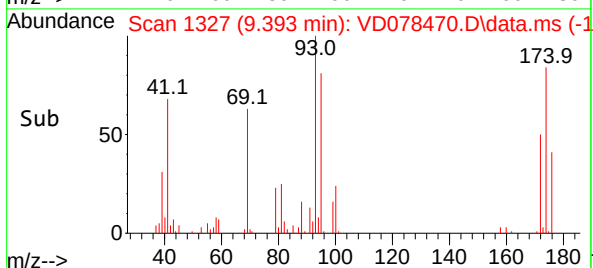
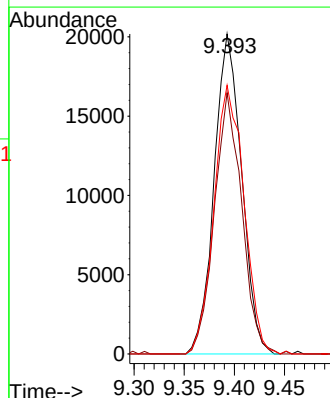
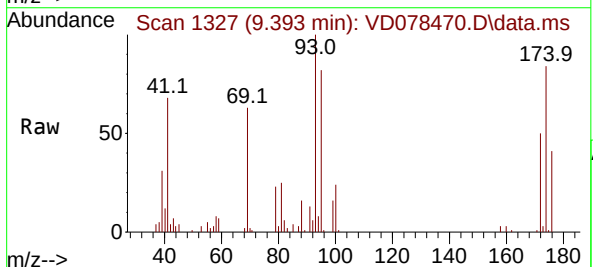
Tgt Ion: 93 Resp: 38461

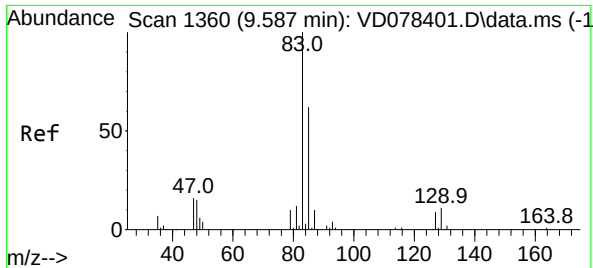
Ion Ratio Lower Upper

93 100

95 81.2 67.7 101.5

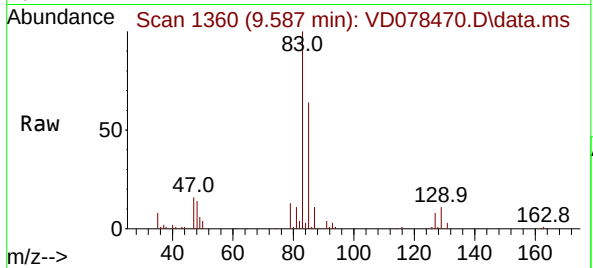
174 91.8 85.4 128.2





#47
Bromodichloromethane
Concen: 60.871 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

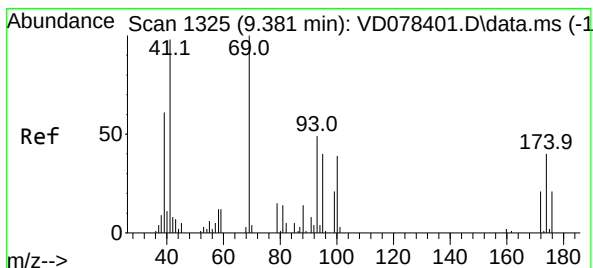
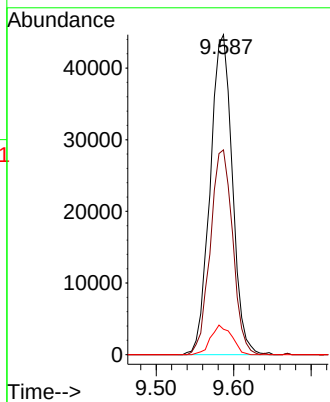
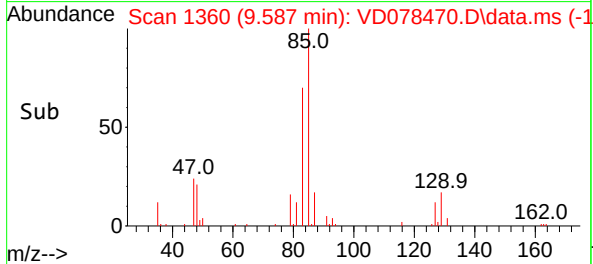
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



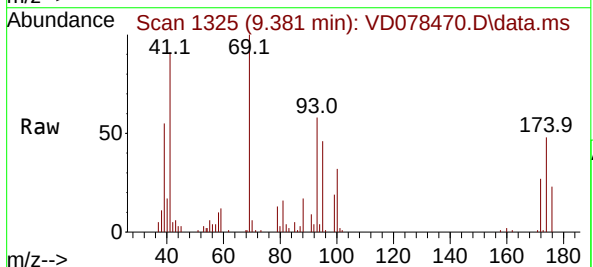
Tgt Ion: 83 Resp: 88710
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.4
127 7.9 6.3 9.5

Manual Integrations
APPROVED

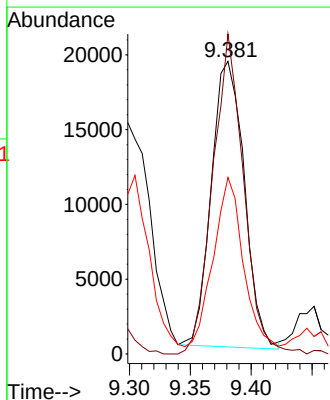
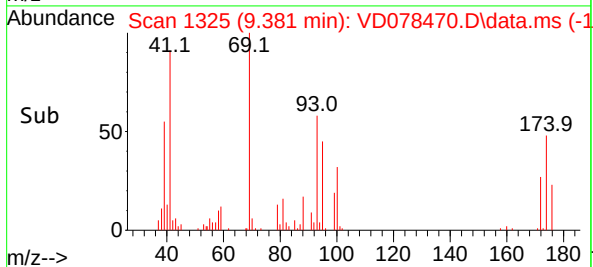
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

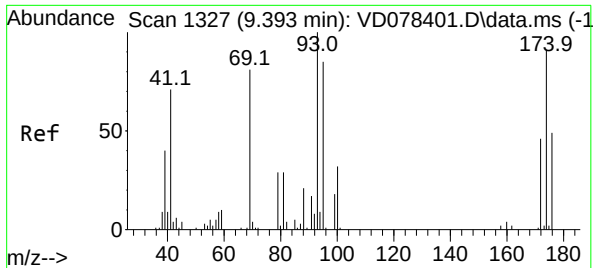


#48
Methyl methacrylate
Concen: 70.881 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13



Tgt Ion: 41 Resp: 36009
Ion Ratio Lower Upper
41 100
69 104.9 102.2 153.2
39 59.0 41.4 62.2





#49

1,4-Dioxane

Concen: 1334.963 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD078470.D

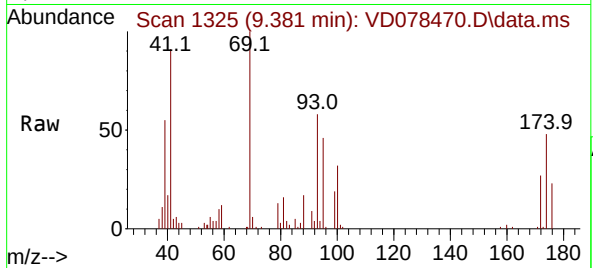
Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

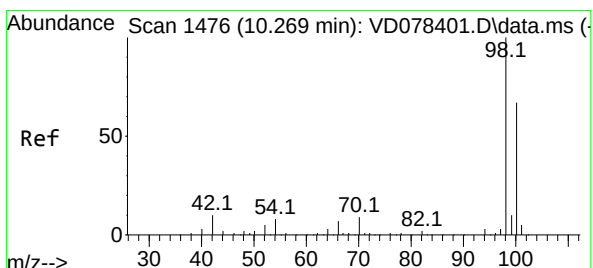
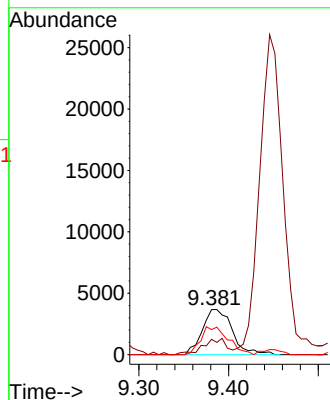
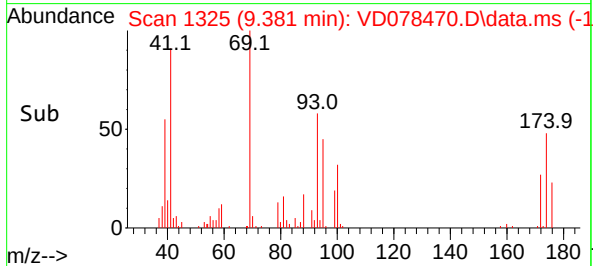


Tgt Ion:	88	Resp:	850
Ion Ratio	Lower	Upper	
88	100		
43	27.8	19.0	28.6
58	56.7	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#50

Toluene-d8

Concen: 56.455 ug/l

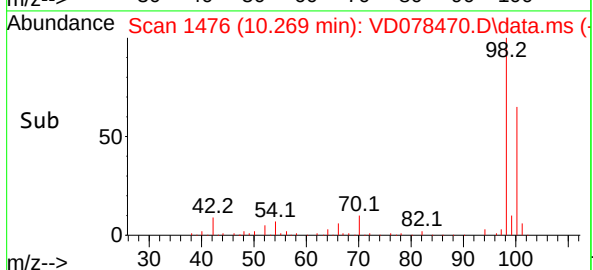
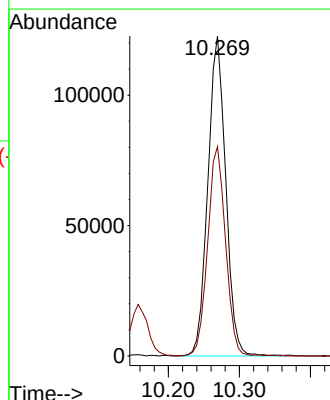
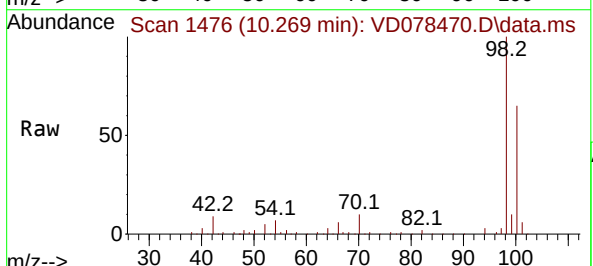
RT: 10.269 min Scan# 1476

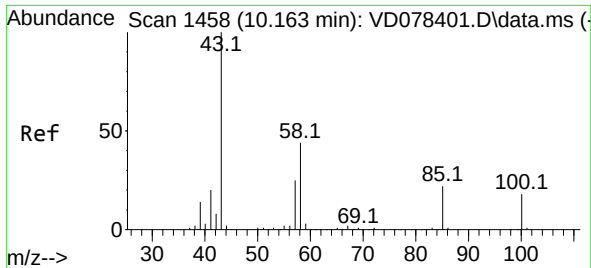
Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

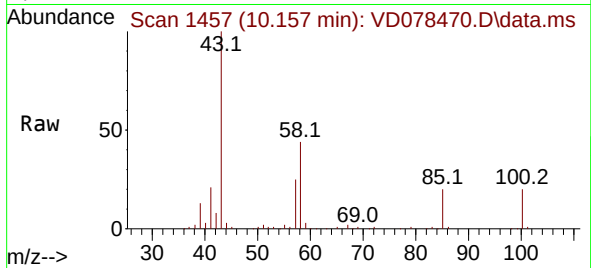
Tgt Ion:	98	Resp:	214447
Ion Ratio	Lower	Upper	
98	100		
100	65.6	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 340.884 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

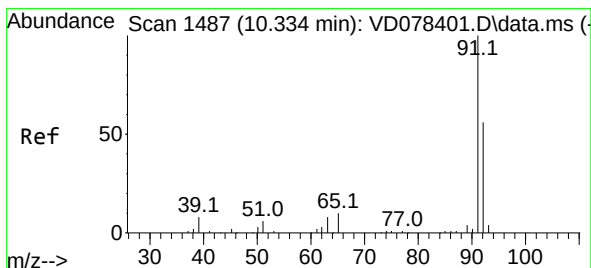
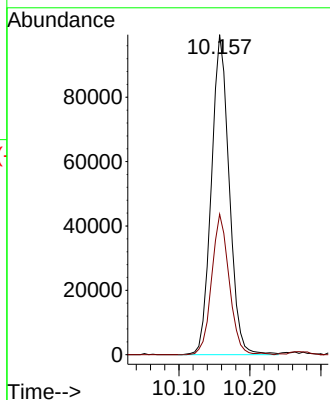
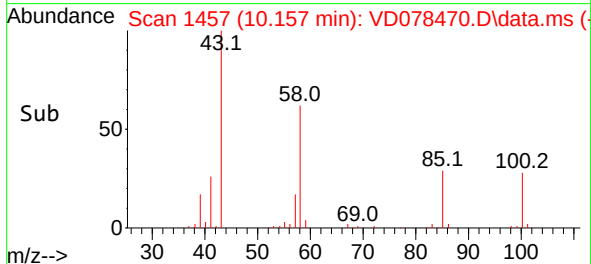
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion: 43 Resp: 173249
Ion Ratio Lower Upper
43 100
58 43.0 38.9 58.3

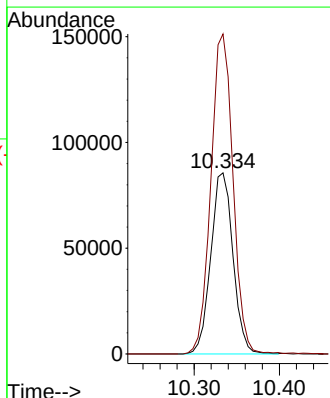
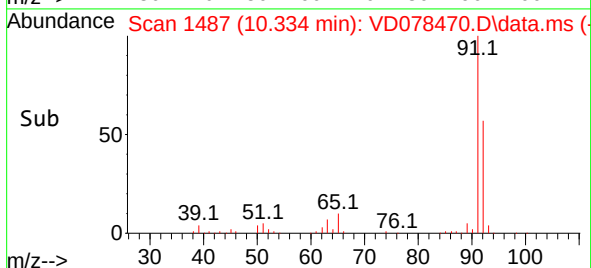
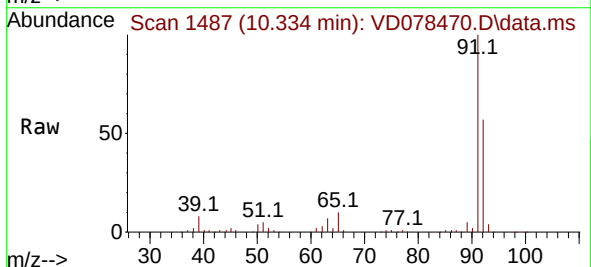
Manual Integrations
APPROVED

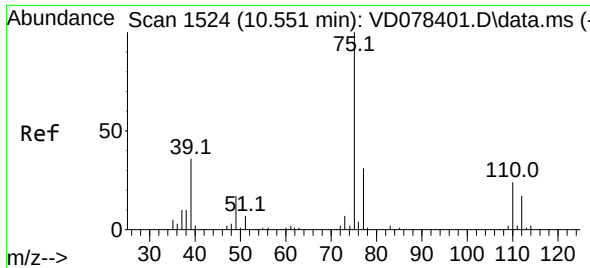
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#52
Toluene
Concen: 57.400 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

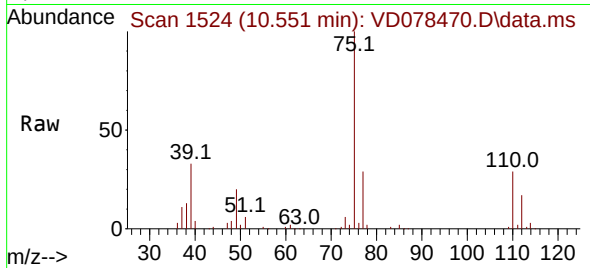
Tgt Ion: 92 Resp: 154773
Ion Ratio Lower Upper
92 100
91 176.3 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 60.013 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078470.D
 Acq: 19 Feb 2024 18:13

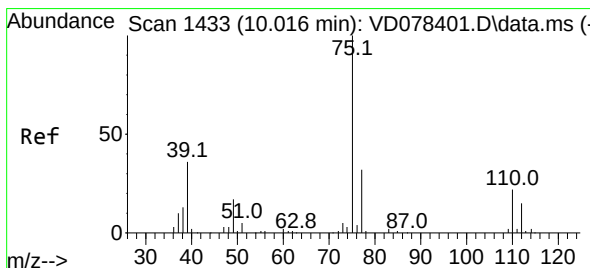
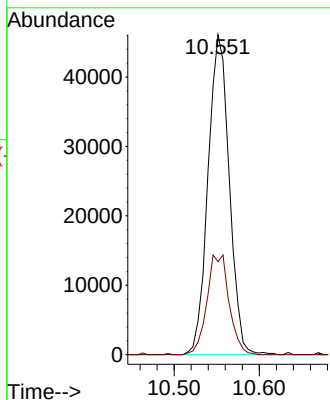
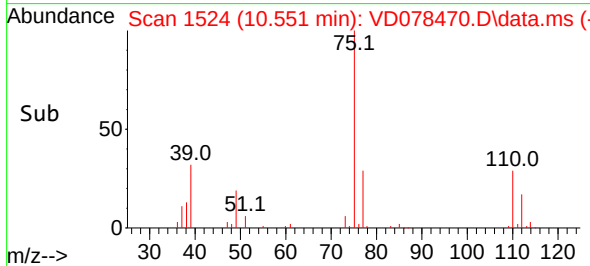
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-191-GW-858-860MSD



Tgt Ion: 75 Resp: 79810
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.3 37.9

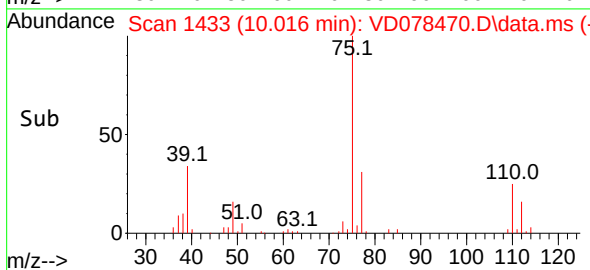
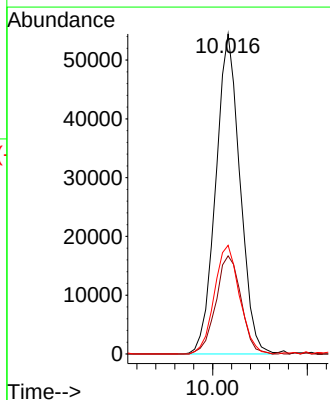
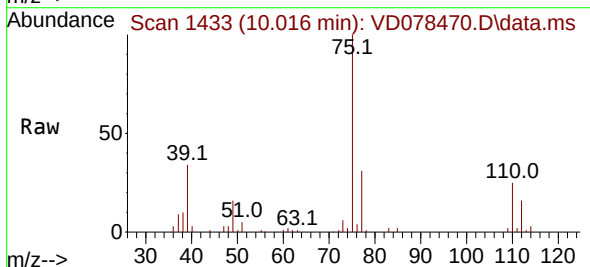
Manual Integrations
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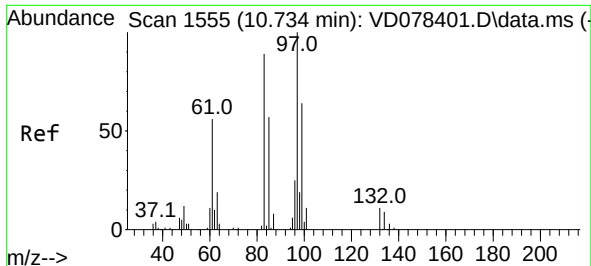
Reviewed By :Mahesh Dadoda 02/20/2024
 Supervised By :Semsettin Yesilyurt 02/20/2024



#54
 cis-1,3-Dichloropropene
 Concen: 59.928 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078470.D
 Acq: 19 Feb 2024 18:13

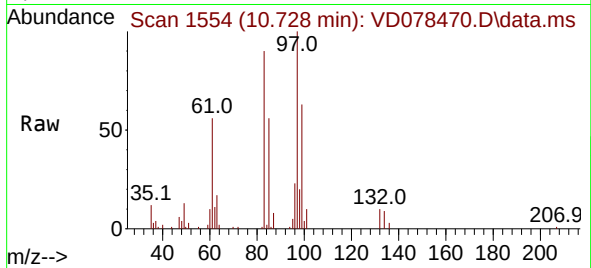
Tgt Ion: 75 Resp: 96640
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.5 38.3
 39 34.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 66.295 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

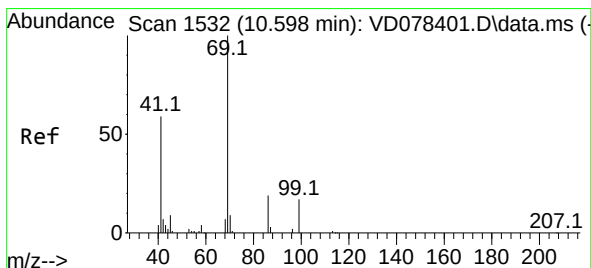
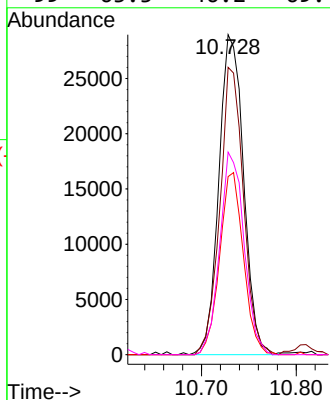
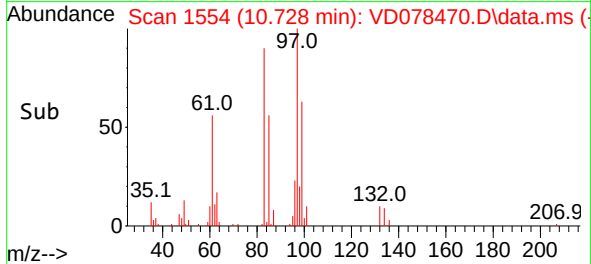
Instrument : MSVOA_D
ClientSampleId : BP-VPB-191-GW-858-860MSD



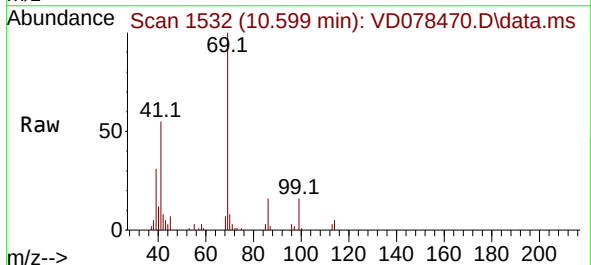
Tgt Ion: 97	Resp: 52534		
Ion	Ratio	Lower	Upper
97	100		
83	89.8	65.8	98.6
85	55.7	45.7	68.5
99	63.3	46.2	69.4

Manual Integrations
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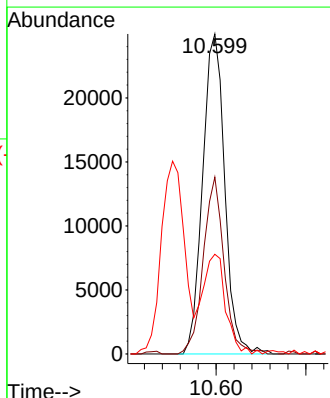
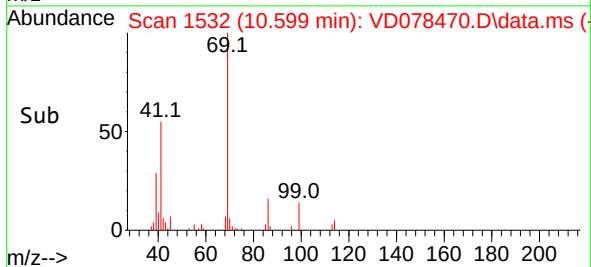
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

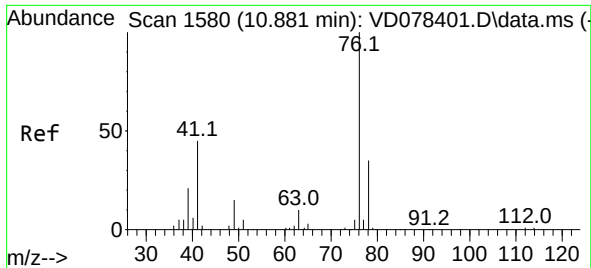


#56
Ethyl methacrylate
Concen: 58.313 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13



Tgt Ion: 69	Resp: 42737
Ion Ratio	Lower Upper
69 100	
41 52.1	39.1 58.7
39 32.5	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 63.787 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

Tgt Ion: 76 Resp: 85984

Ion Ratio Lower Upper

76 100

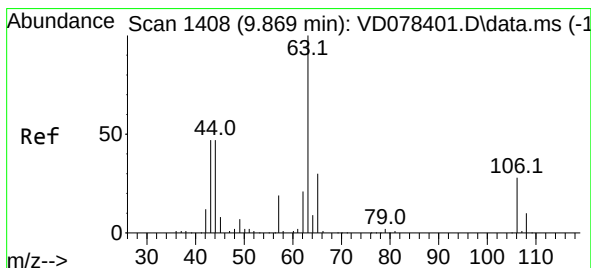
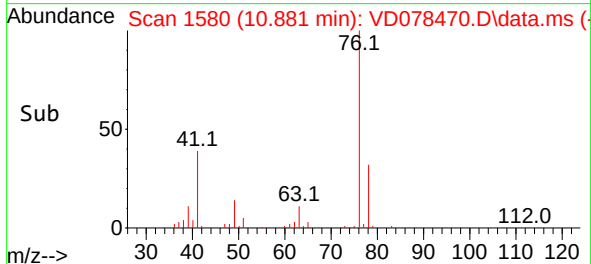
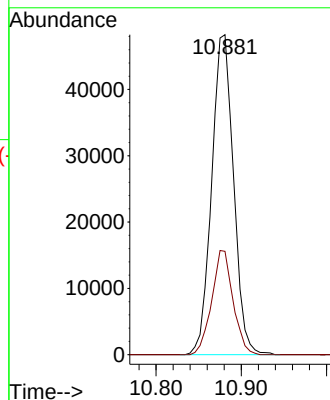
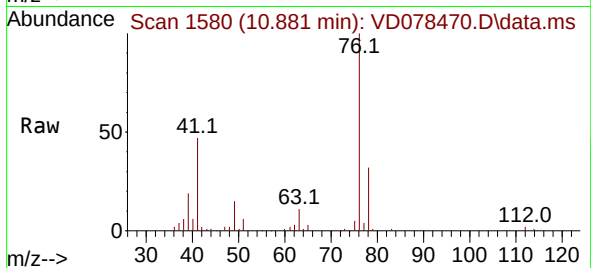
78 31.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 260.879 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078470.D

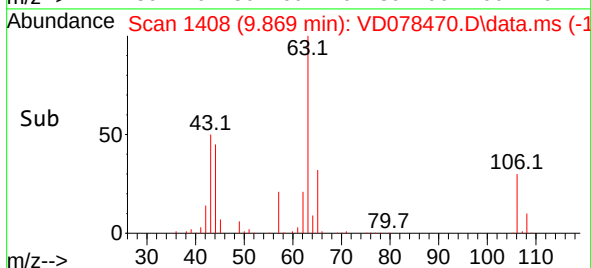
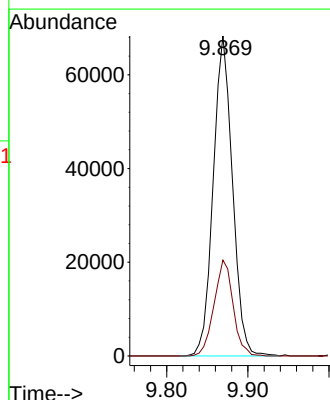
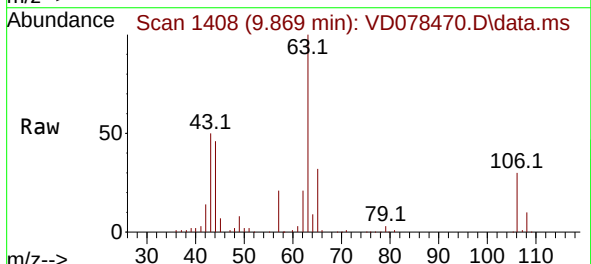
Acq: 19 Feb 2024 18:13

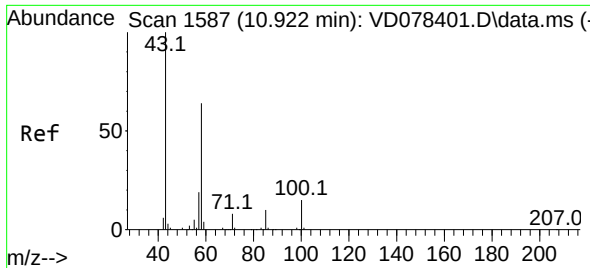
Tgt Ion: 63 Resp: 112622

Ion Ratio Lower Upper

63 100

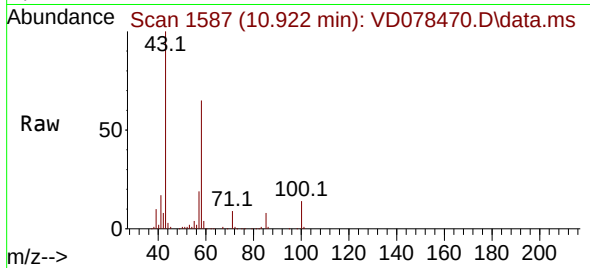
106 29.6 25.3 37.9





#59
2-Hexanone
Concen: 306.411 ug/l
RT: 10.922 min Scan# 11029
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

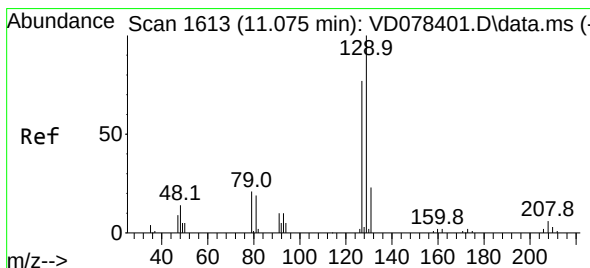
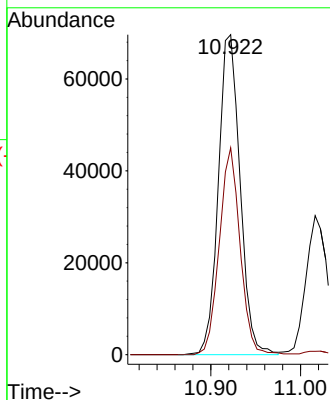
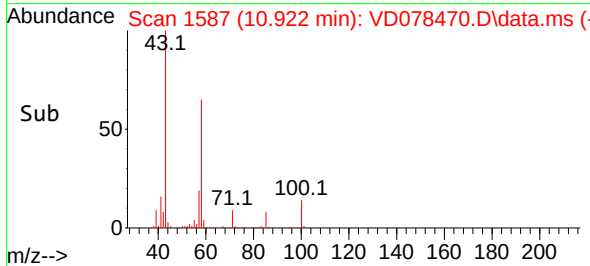
Instrument : MSVOA_D
ClientSampleId : BP-VPB-191-GW-858-860MSD



Tgt Ion: 43 Resp: 117029
Ion Ratio Lower Upper
43 100
58 61.8 34.1 102.2

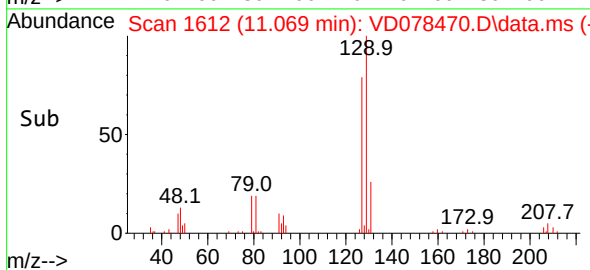
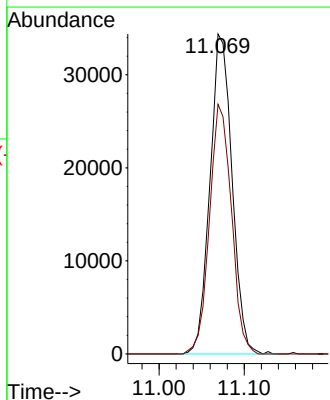
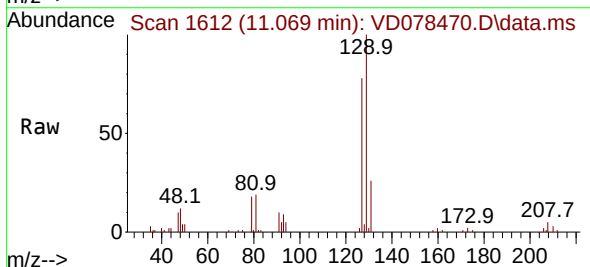
Manual Integrations
APPROVED

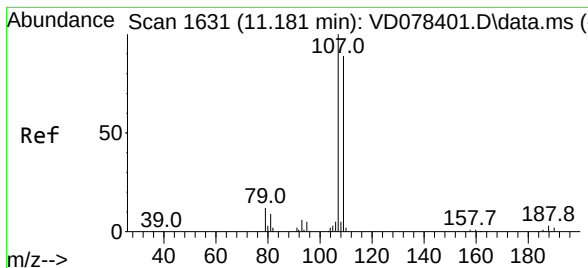
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#60
Dibromochloromethane
Concen: 64.876 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:129 Resp: 61855
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5





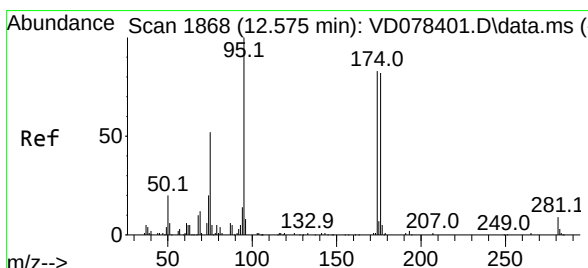
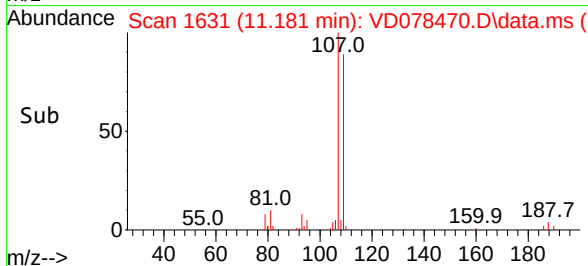
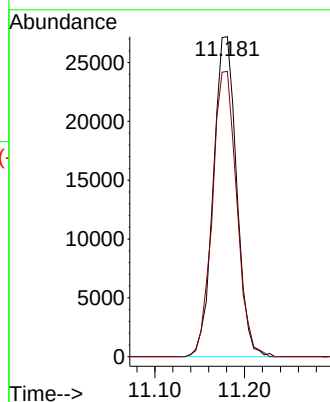
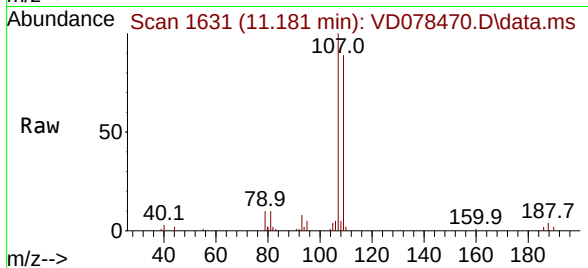
#61
1,2-Dibromoethane
Concen: 65.861 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

Tgt Ion:107 Resp: 48997
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

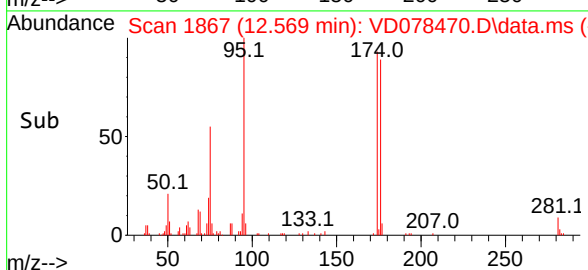
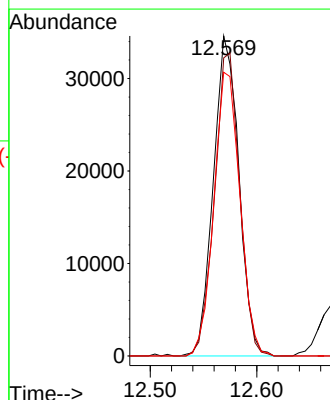
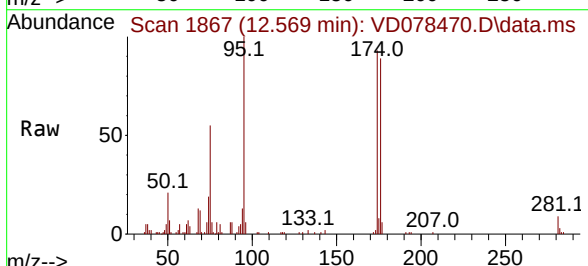
Manual Integrations
APPROVED

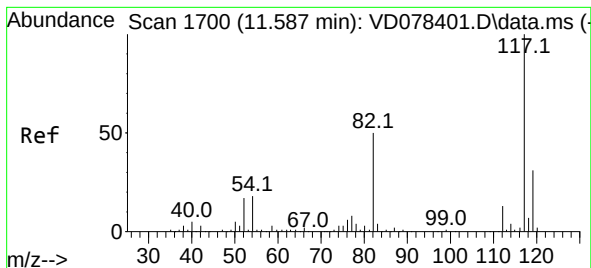
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#62
4-Bromofluorobenzene
Concen: 52.151 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

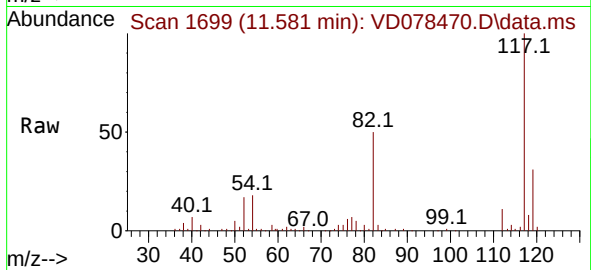
Tgt Ion: 95 Resp: 57648
Ion Ratio Lower Upper
95 100
174 93.1 0.0 201.8
176 90.7 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

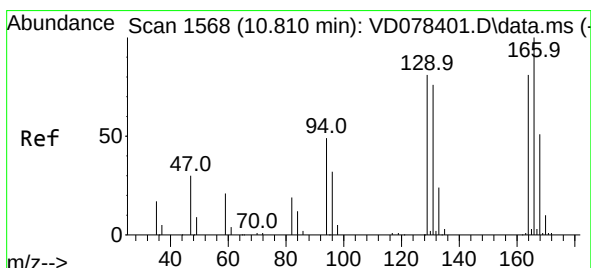
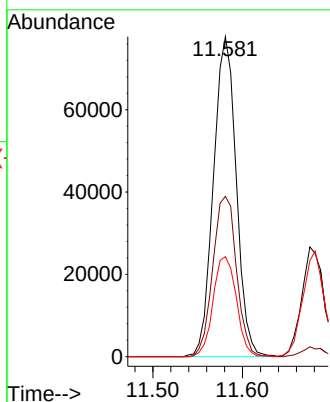
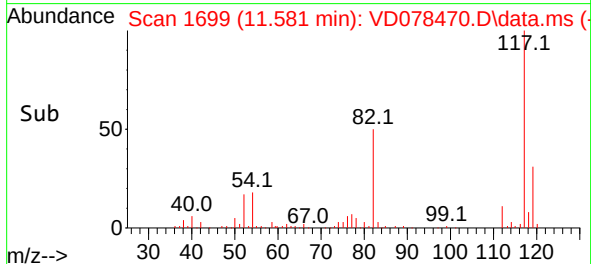
Instrument : MSVOA_D
ClientSampleId : BP-VPB-191-GW-858-860MSD



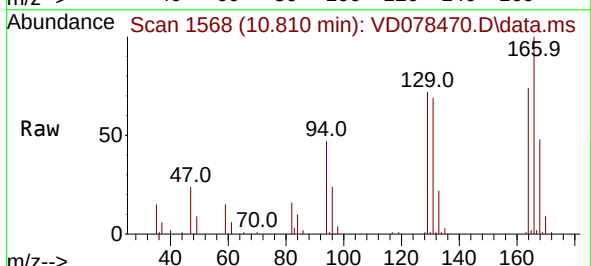
Tgt Ion:117 Resp: 137048
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 31.2 25.0 37.4

Manual Integrations
APPROVED

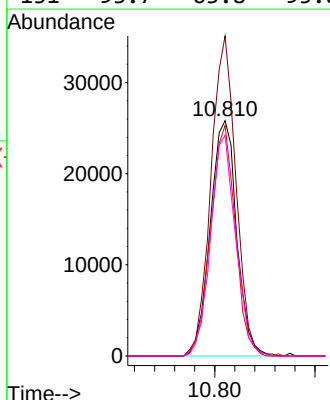
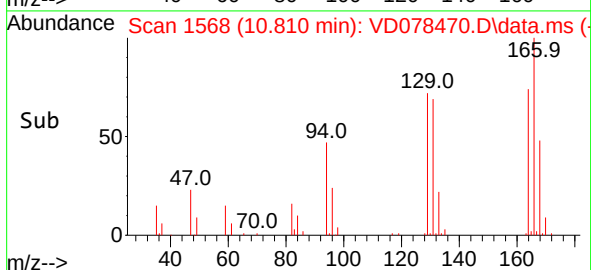
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

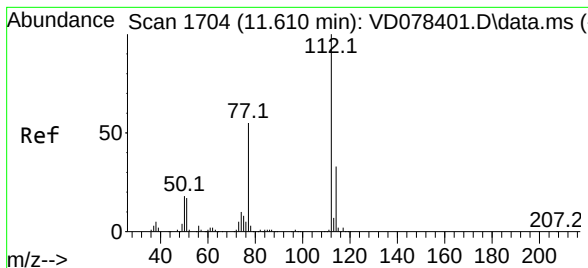


#64
Tetrachloroethene
Concen: 54.426 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13



Tgt Ion:164 Resp: 47113
Ion Ratio Lower Upper
164 100
166 136.0 99.2 148.8
129 97.9 68.4 102.6
131 93.7 63.8 95.8





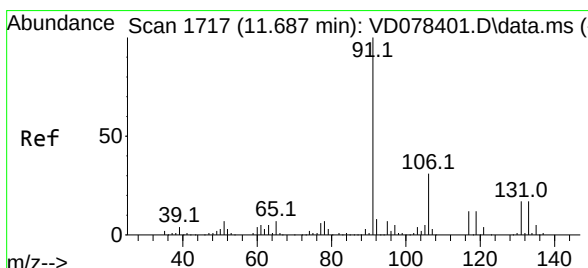
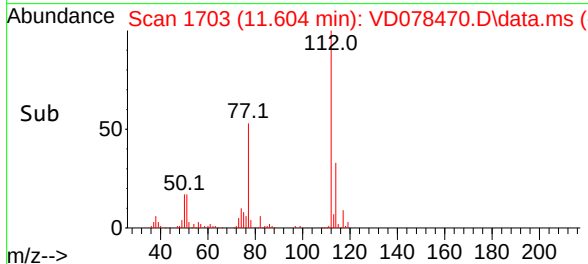
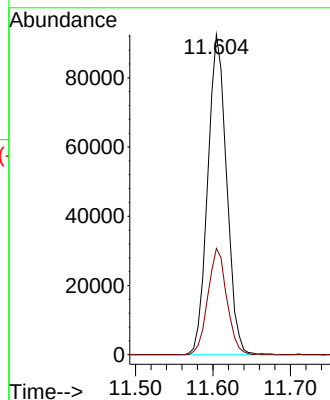
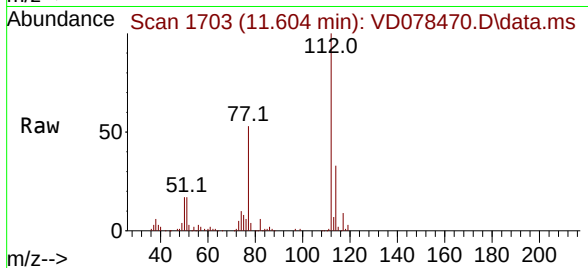
#65
Chlorobenzene
Concen: 56.778 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Instrument : MSVOA_D
ClientSampleId : BP-VPB-191-GW-858-860MSD

Tgt Ion:112 Resp: 15643
Ion Ratio Lower Upper
112 100
114 33.2 25.1 37.7

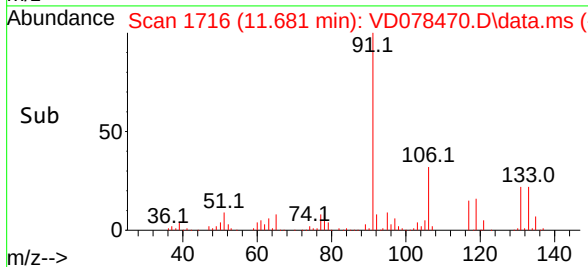
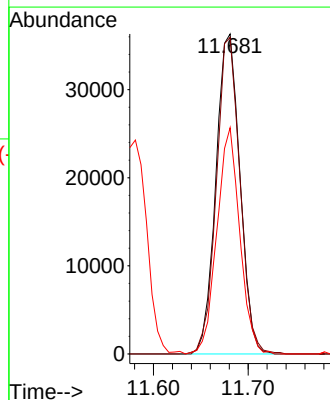
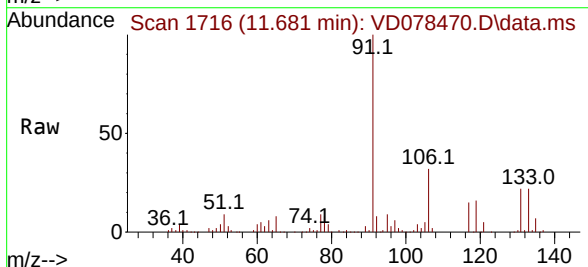
Manual Integrations
APPROVED

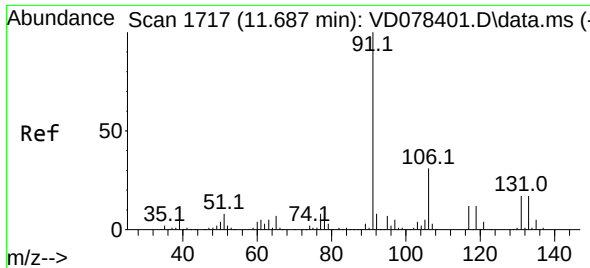
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 63.212 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:131 Resp: 64004
Ion Ratio Lower Upper
131 100
133 97.2 48.5 145.5
119 67.4 35.6 106.9





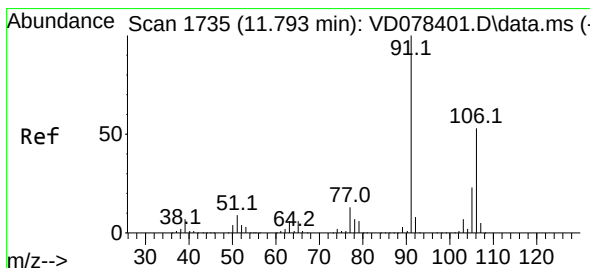
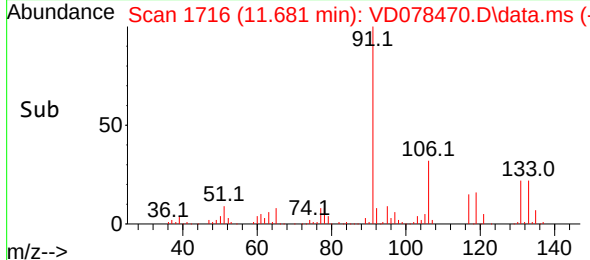
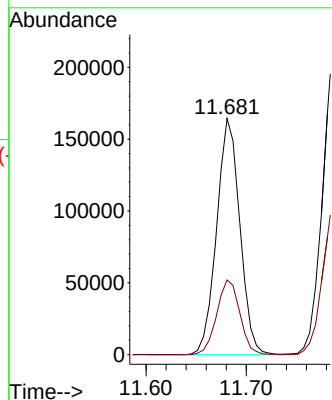
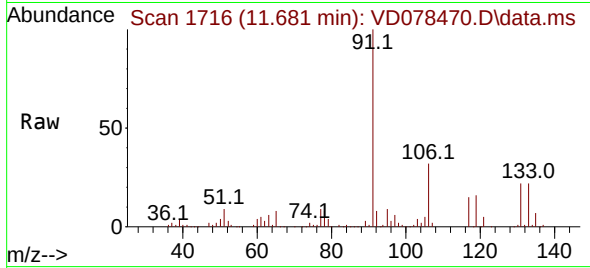
#67
Ethyl Benzene
Concen: 53.451 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

Tgt Ion: 91 Resp: 26386
Ion Ratio Lower Upper
91 100
106 31.6 26.5 39.7

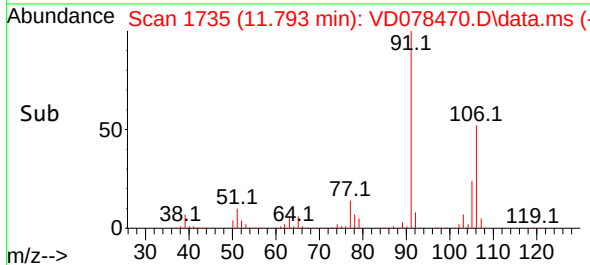
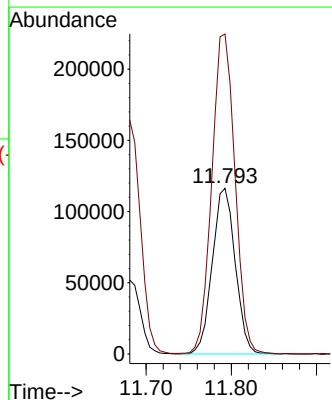
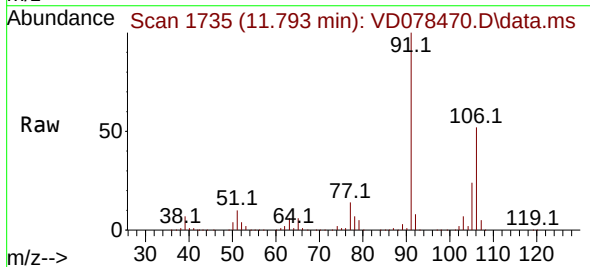
Manual Integrations
APPROVED

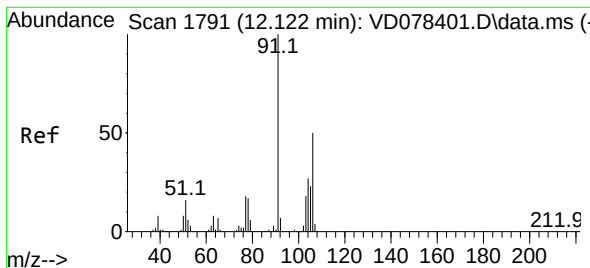
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#68
m/p-Xylenes
Concen: 113.083 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:106 Resp: 217754
Ion Ratio Lower Upper
106 100
91 195.4 147.0 220.6





#69

o-Xylene

Concen: 57.672 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD

Tgt Ion:106 Resp: 101344

Ion Ratio Lower Upper

106 100

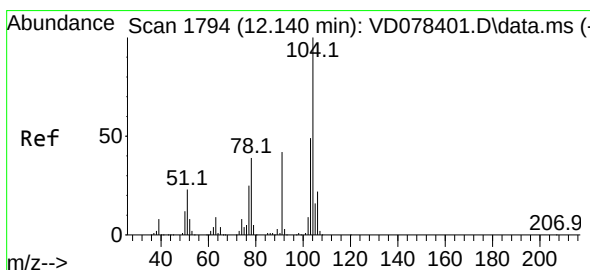
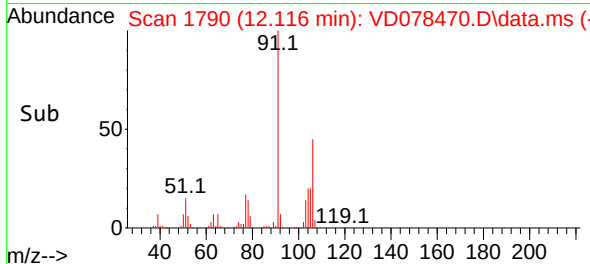
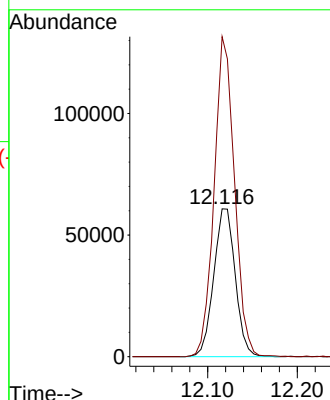
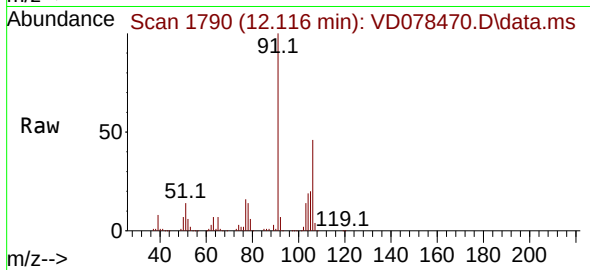
91 204.8 97.9 293.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#70

Styrene

Concen: 48.657 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

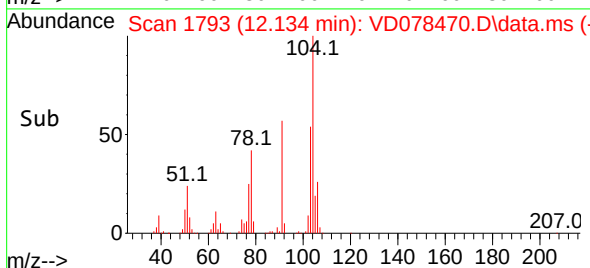
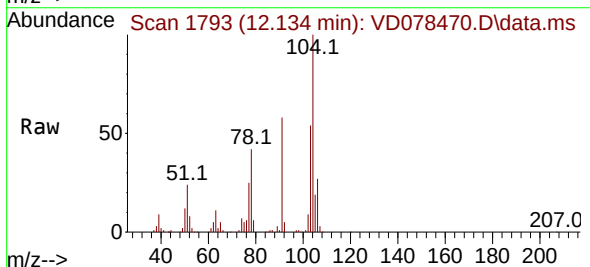
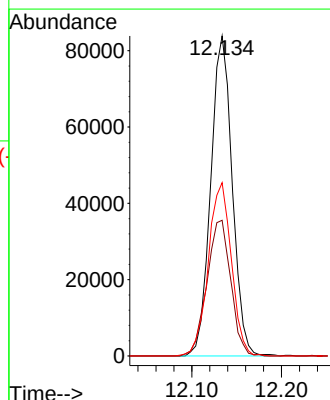
Tgt Ion:104 Resp: 139543

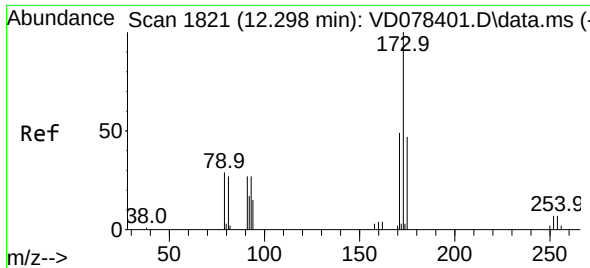
Ion Ratio Lower Upper

104 100

78 47.1 33.2 49.8

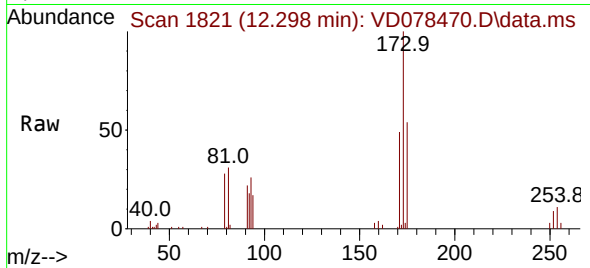
103 58.1 43.6 65.4





#71
Bromoform
Concen: 66.734 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

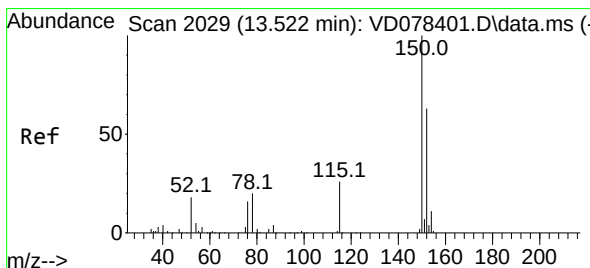
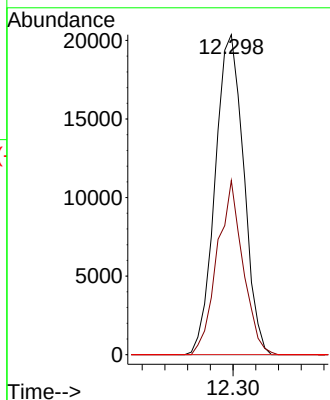
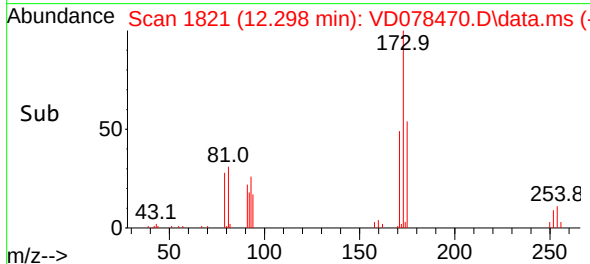
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



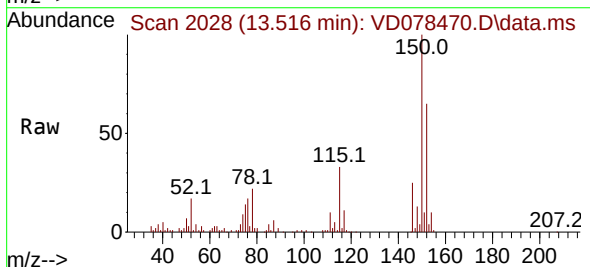
Tgt Ion:173 Resp: 3556
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

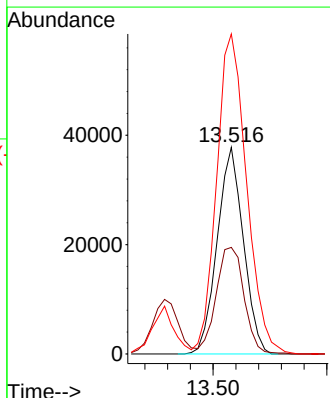
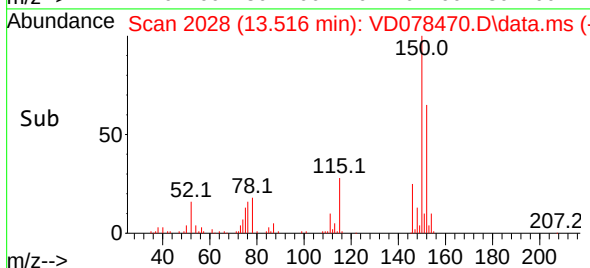
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024

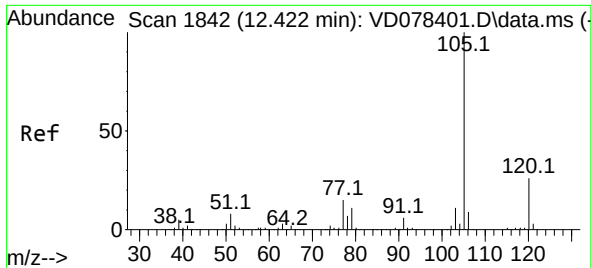


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13



Tgt Ion:152 Resp: 60500
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 177.4 0.0 353.6





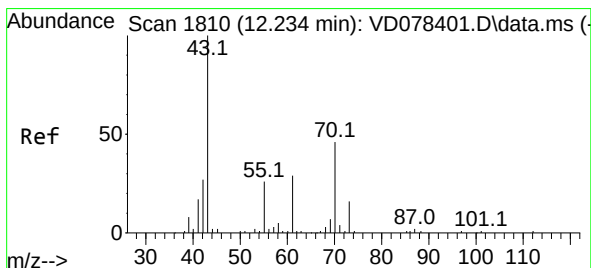
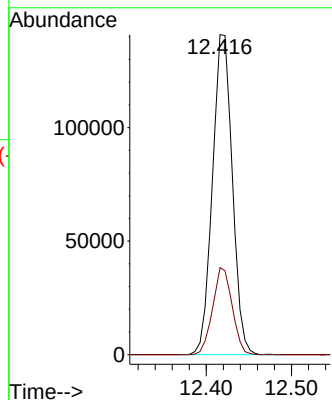
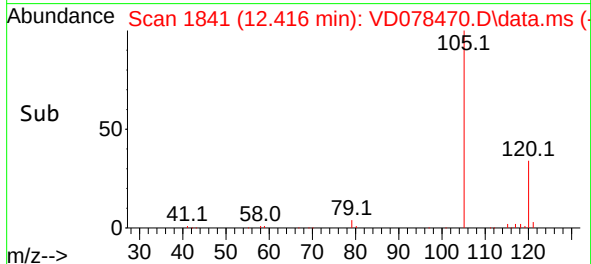
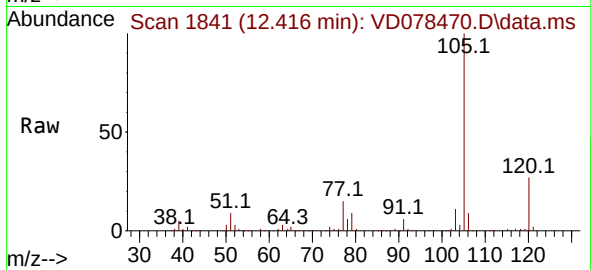
#73
Isopropylbenzene
Concen: 56.362 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Instrument : MSVOA_D
ClientSampleId : BP-VPB-191-GW-858-860MSD

Tgt Ion:105 Resp: 22897
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9

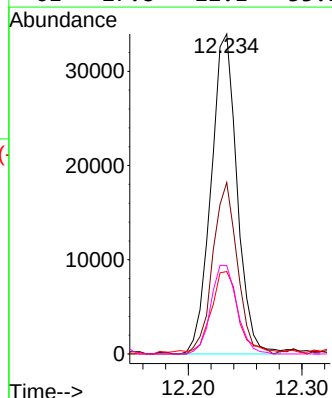
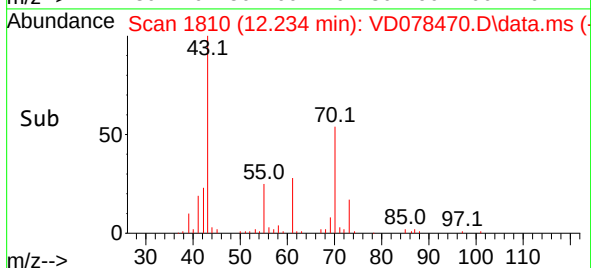
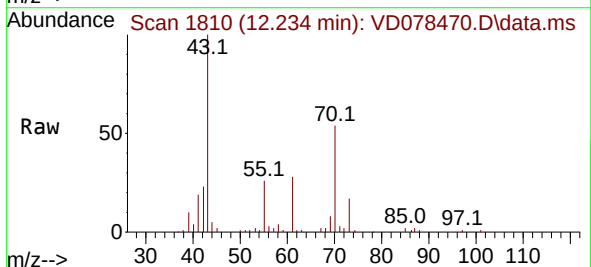
Manual Integrations
APPROVED

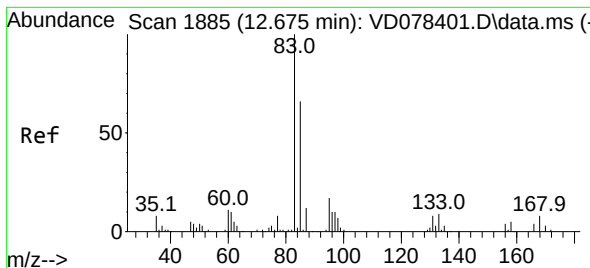
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#74
N-ethyl acetate
Concen: 70.497 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 43 Resp: 54181
Ion Ratio Lower Upper
43 100
70 50.6 45.0 67.4
55 28.0 23.8 35.6
61 27.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 76.852 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

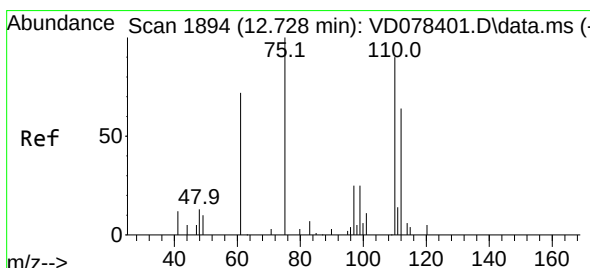
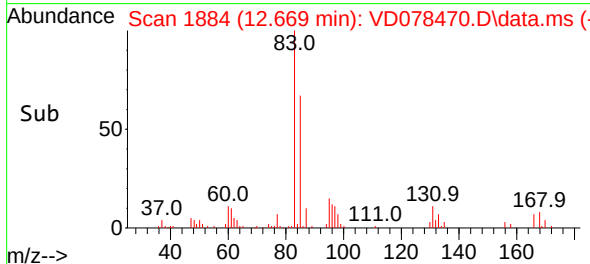
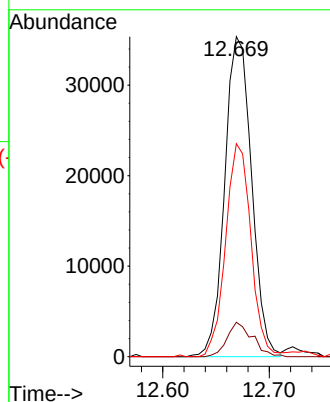
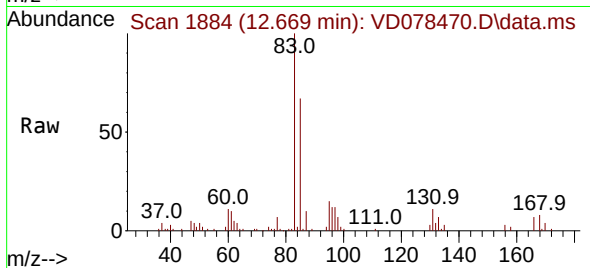
BP-VPB-191-GW-858-860MSD

Tgt Ion: 83	Resp: 6193
Ion Ratio	Lower Upper
83	100
131	10.1 5.1 15.3
85	62.6 32.6 97.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#76

1,2,3-Trichloropropane

Concen: 71.770 ug/l m

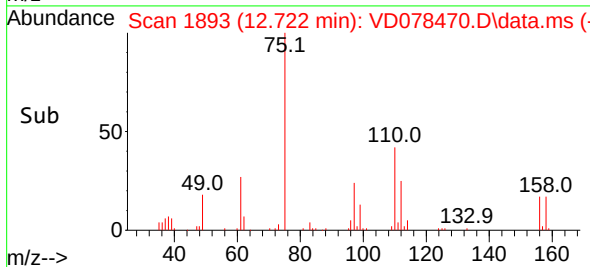
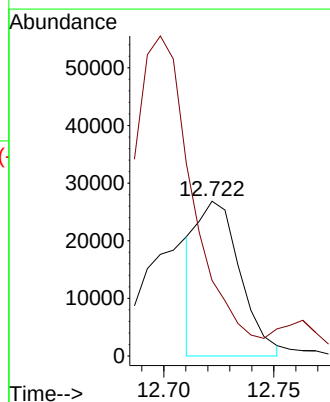
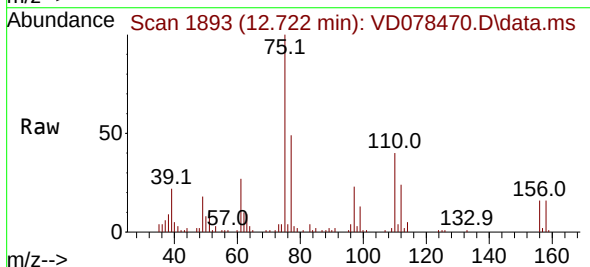
RT: 12.722 min Scan# 1893

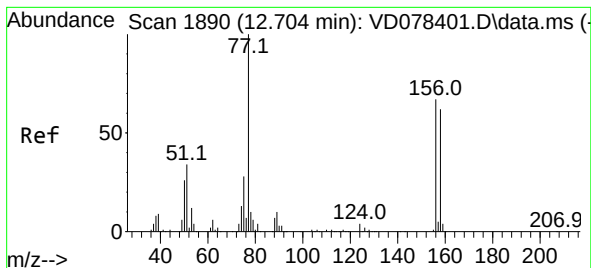
Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Tgt Ion: 75	Resp: 36863
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 66.634 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

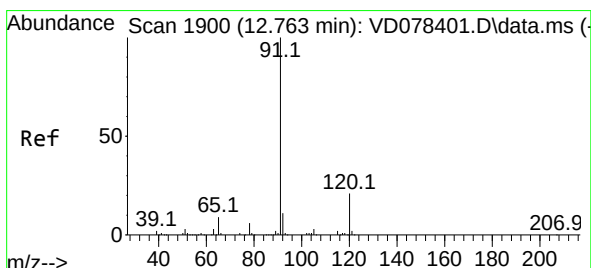
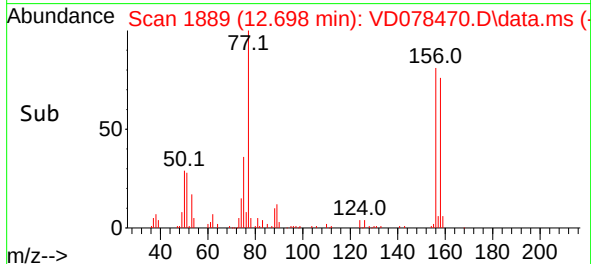
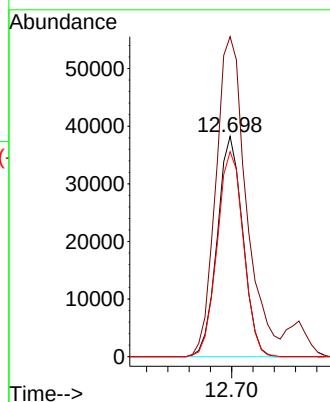
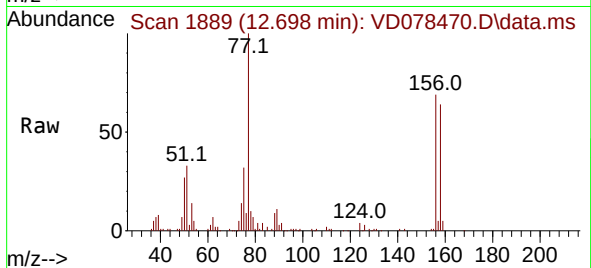
BP-VPB-191-GW-858-860MSD

Tgt Ion:	156	Resp:	63619
Ion Ratio	Lower	Upper	
156	100		
77	173.3	76.8	230.4
158	95.8	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#78

n-propylbenzene

Concen: 48.214 ug/l

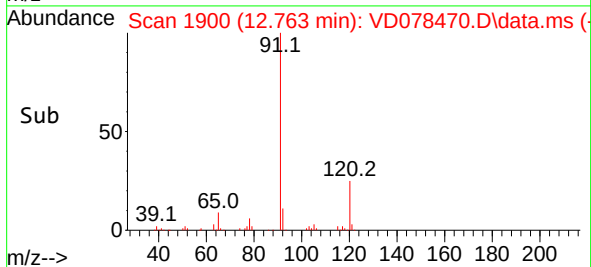
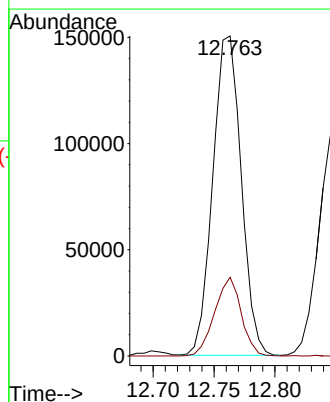
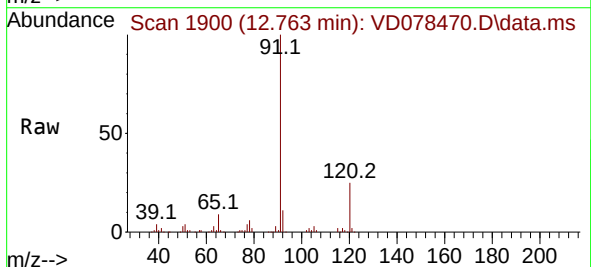
RT: 12.763 min Scan# 1900

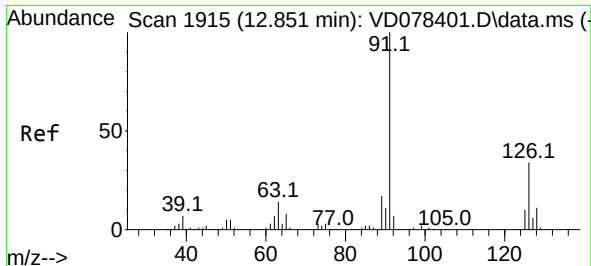
Delta R.T. 0.000 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

Tgt Ion:	91	Resp:	244090
Ion Ratio	Lower	Upper	
91	100		
120	22.9	12.4	37.2





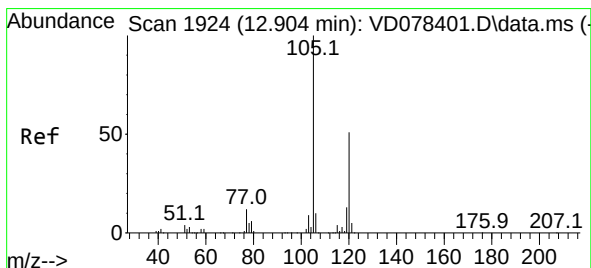
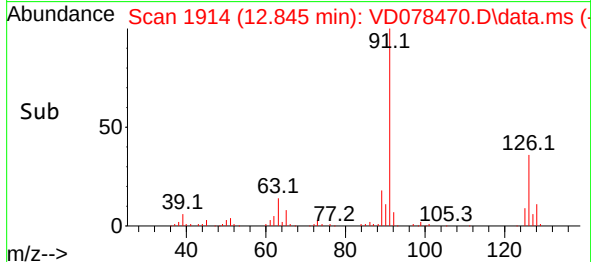
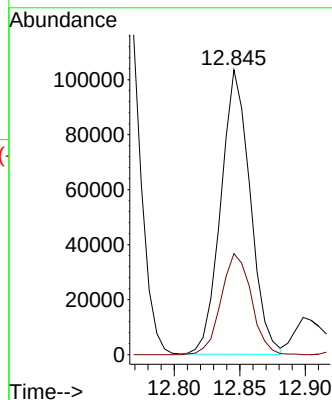
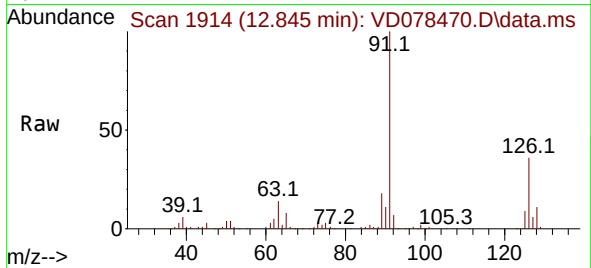
#79
2-Chlorotoluene
Concen: 59.410 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

Tgt Ion: 91 Resp: 161095
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.1

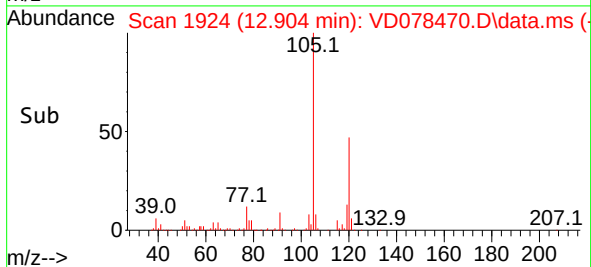
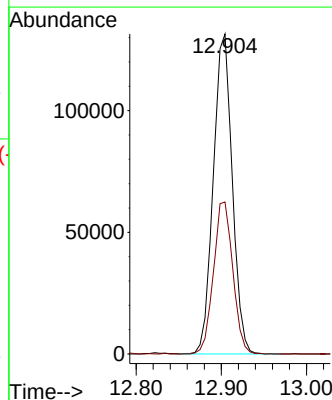
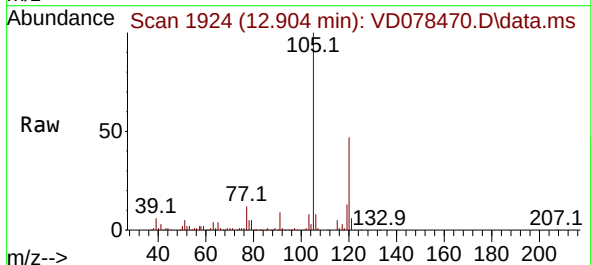
Manual Integrations
APPROVED

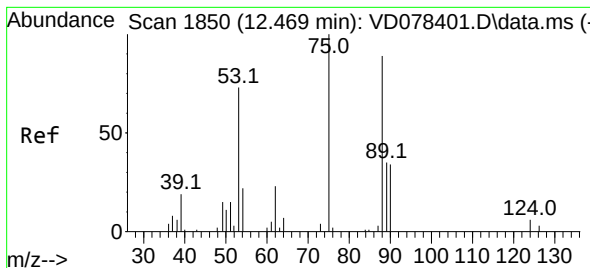
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 60.299 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

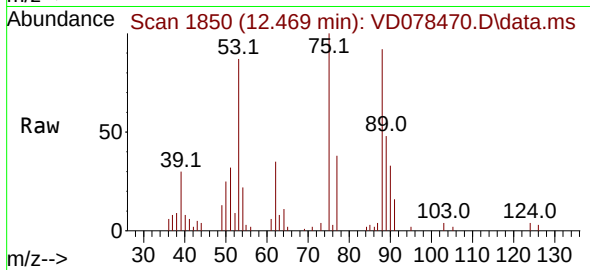
Tgt Ion:105 Resp: 203409
Ion Ratio Lower Upper
105 100
120 48.4 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 72.714 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

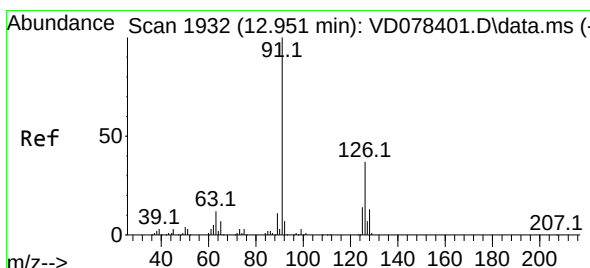
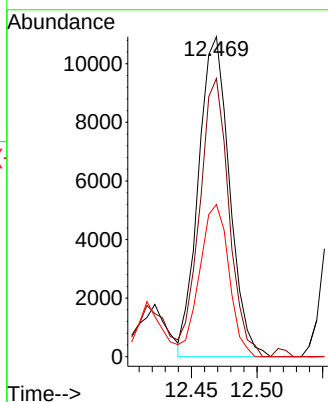
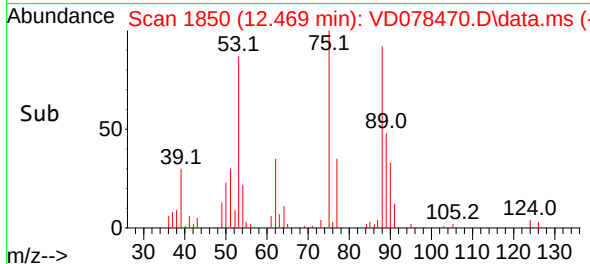
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion: 75 Resp: 17990
Ion Ratio Lower Upper
75 100
53 81.7 63.0 94.4
89 44.8 37.9 56.9

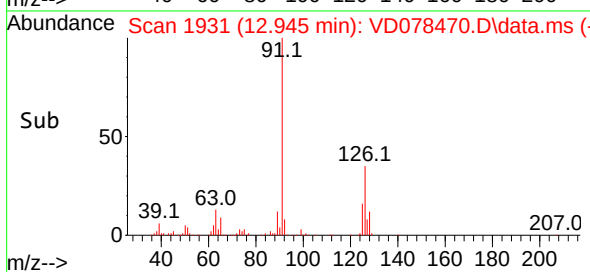
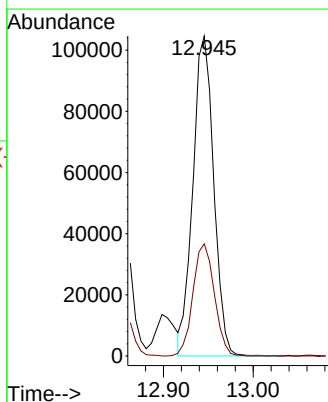
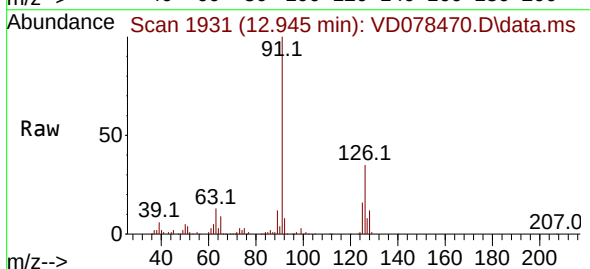
Manual Integrations
APPROVED

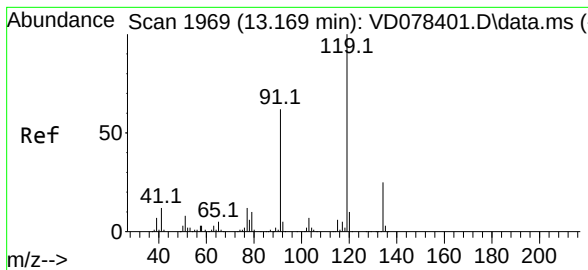
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#82
4-Chlorotoluene
Concen: 57.902 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 91 Resp: 168625
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4





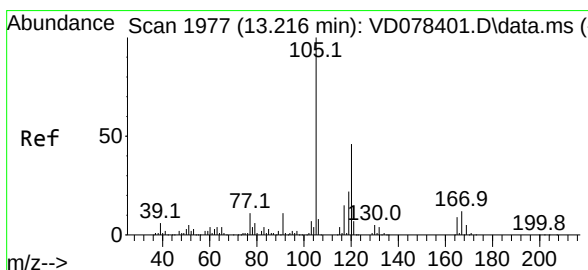
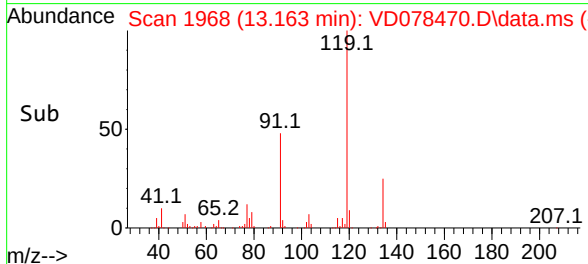
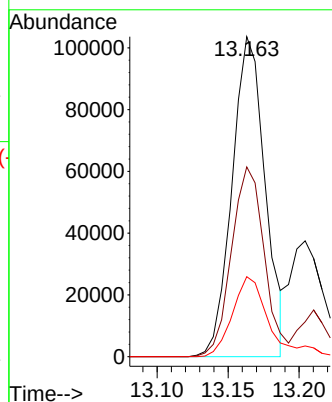
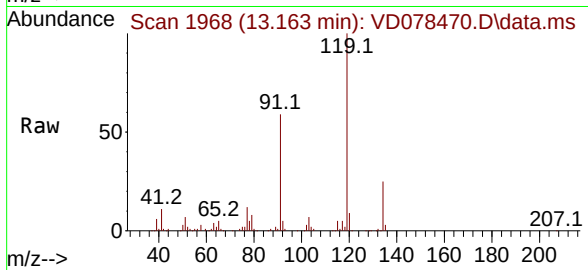
#83
tert-Butylbenzene
Concen: 59.014 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Instrument : MSVOA_D
ClientSampleId : BP-VPB-191-GW-858-860MSD

Tgt Ion:119 Resp: 167892
Ion Ratio Lower Upper
119 100
91 58.8 29.3 87.8
134 27.7 14.1 42.3

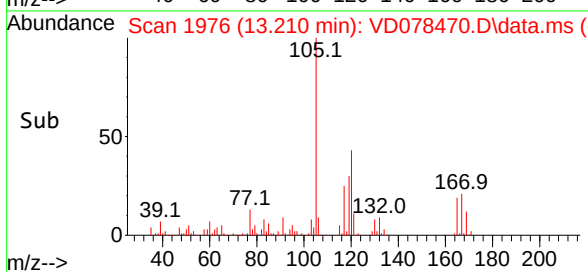
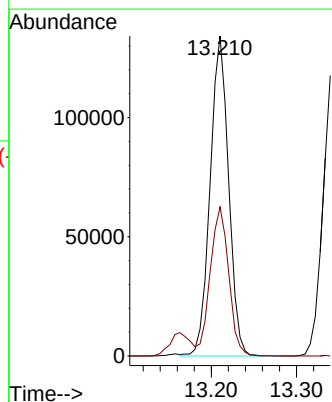
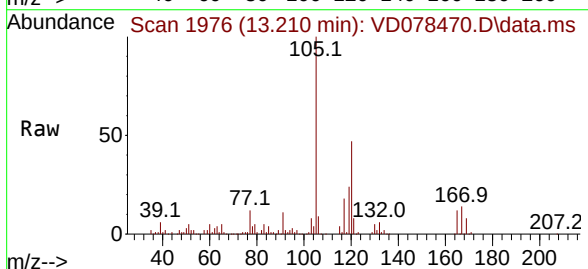
Manual Integrations
APPROVED

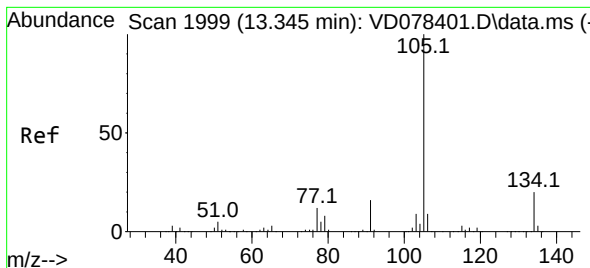
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 58.930 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:105 Resp: 201754
Ion Ratio Lower Upper
105 100
120 46.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 43.446 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078470.D

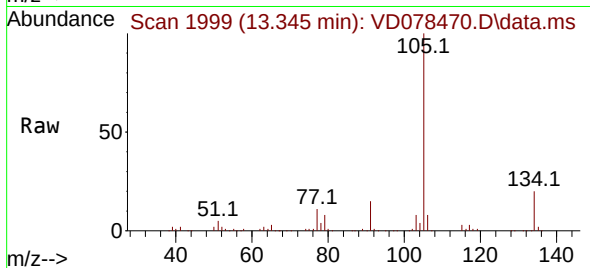
Acq: 19 Feb 2024 18:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-191-GW-858-860MSD



Tgt Ion:105 Resp: 19168

Ion Ratio Lower Upper

105 100

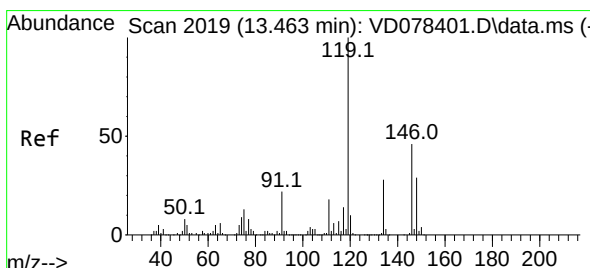
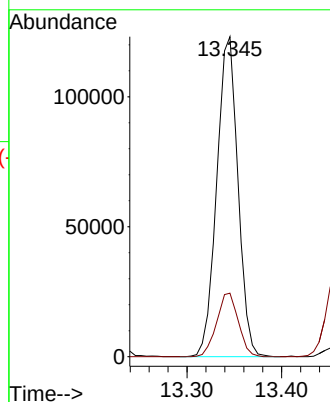
134 20.3 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024

Supervised By :Semsettin Yesilyurt 02/20/2024



#86

p-Isopropyltoluene

Concen: 53.851 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078470.D

Acq: 19 Feb 2024 18:13

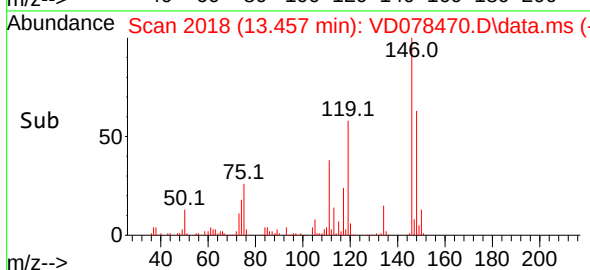
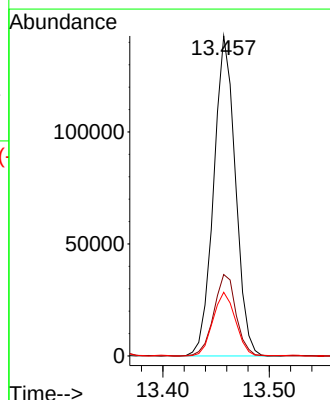
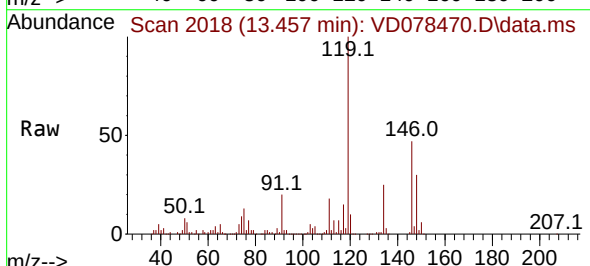
Tgt Ion:119 Resp: 202372

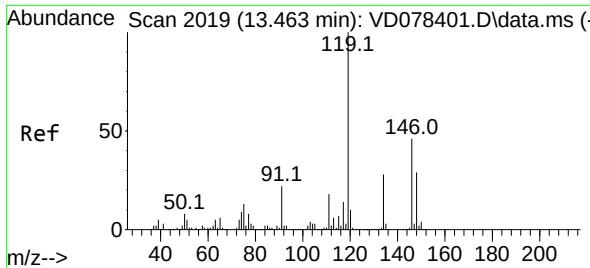
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

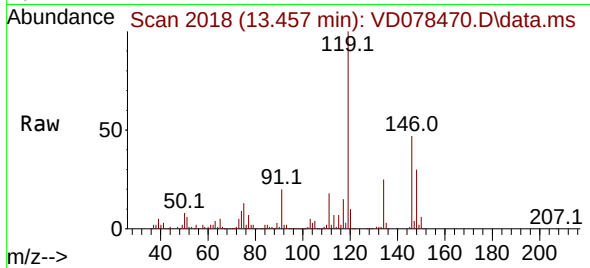
91 20.7 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 54.535 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

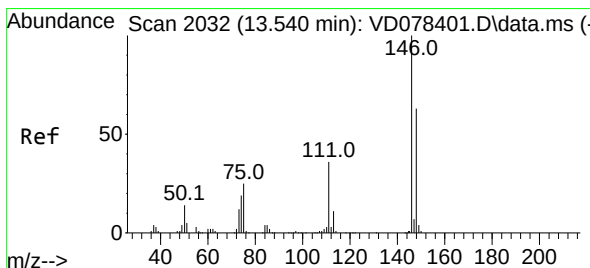
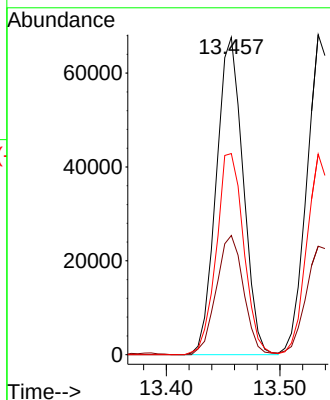
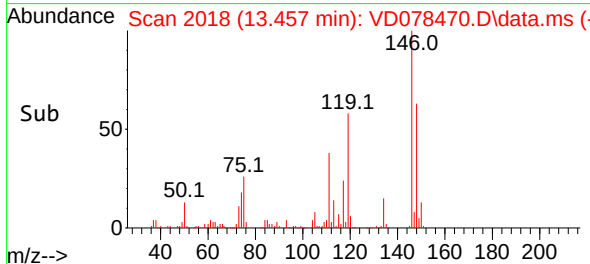
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion:146 Resp: 11112
Ion Ratio Lower Upper
146 100
111 38.1 17.9 53.8
148 64.7 32.3 96.8

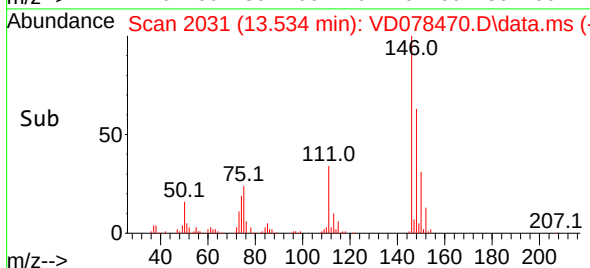
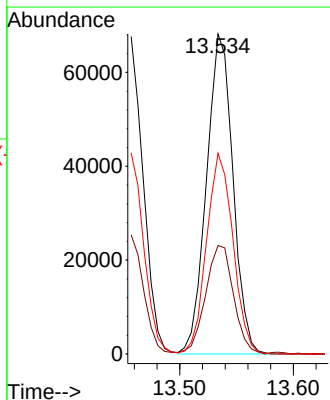
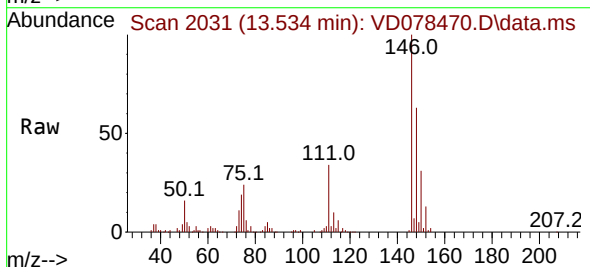
Manual Integrations
APPROVED

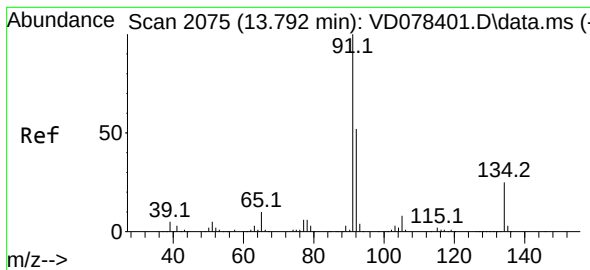
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#88
1,4-Dichlorobenzene
Concen: 55.127 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion:146 Resp: 110375
Ion Ratio Lower Upper
146 100
111 35.9 17.4 52.3
148 62.7 31.7 95.1





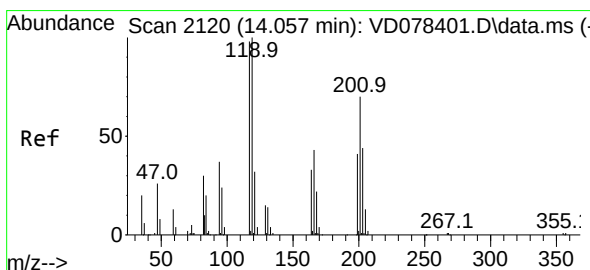
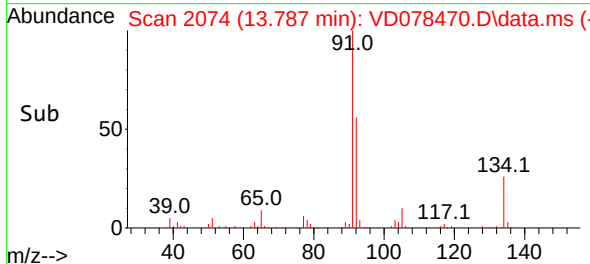
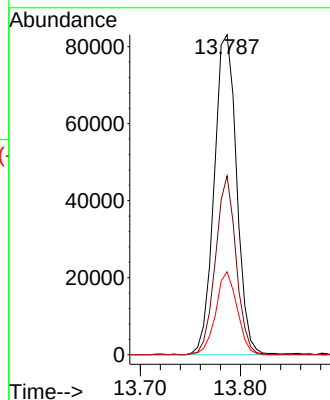
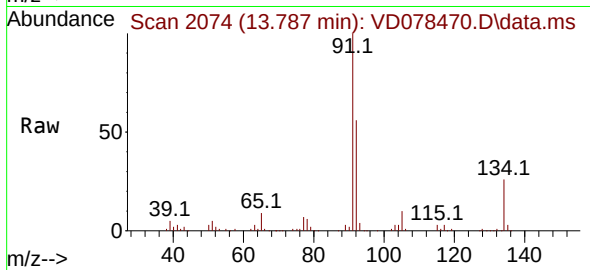
#89
n-Butylbenzene
Concen: 35.678 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Instrument : MSVOA_D
ClientSampleId : BP-VPB-191-GW-858-860MSD

Tgt Ion: 91 Resp: 129230
Ion Ratio Lower Upper
91 100
92 51.2 26.5 79.5
134 24.7 13.8 41.3

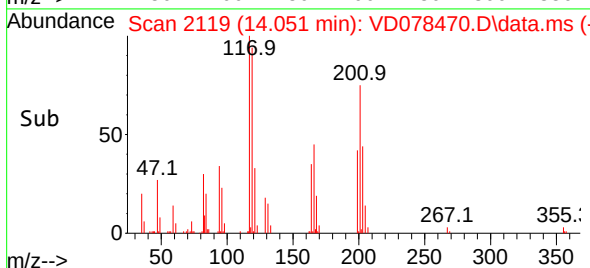
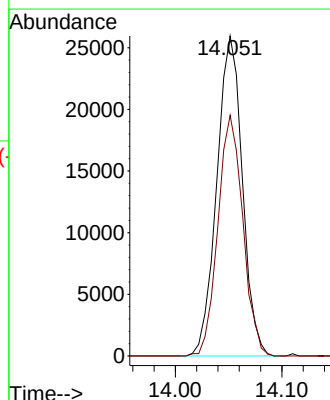
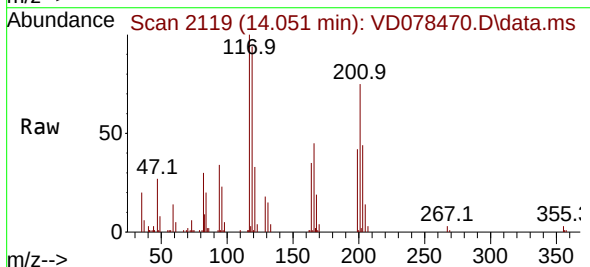
Manual Integrations
APPROVED

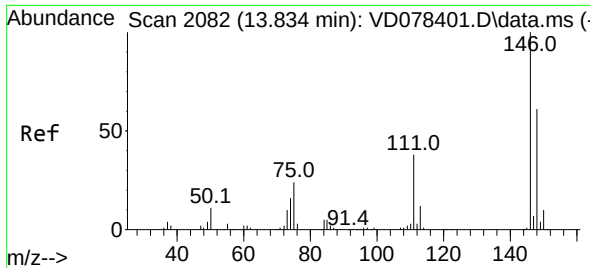
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#90
Hexachloroethane
Concen: 55.914 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

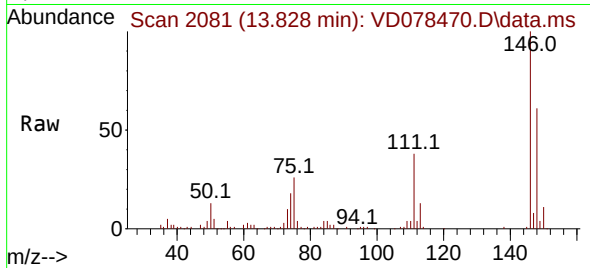
Tgt Ion:117 Resp: 43187
Ion Ratio Lower Upper
117 100
201 73.3 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 59.182 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

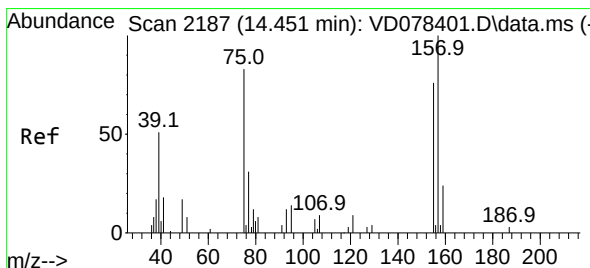
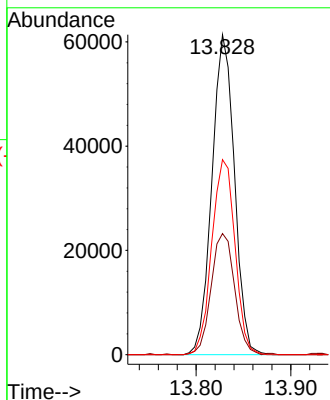
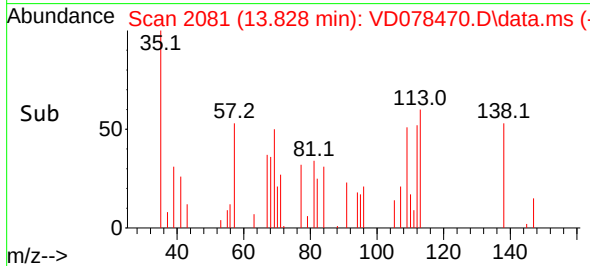
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD



Tgt Ion:146 Resp: 101269
Ion Ratio Lower Upper
146 100
111 39.6 18.3 54.8
148 62.9 31.6 94.7

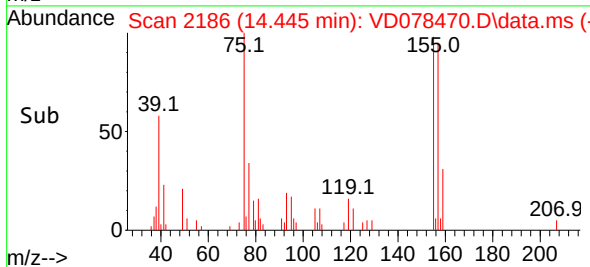
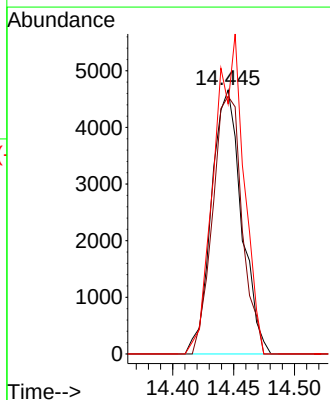
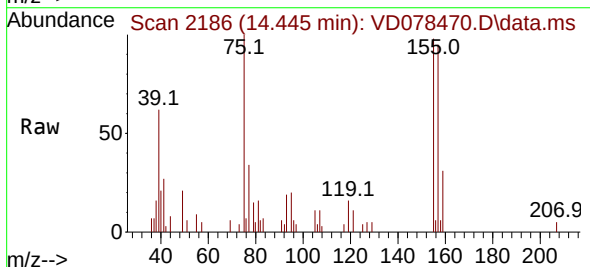
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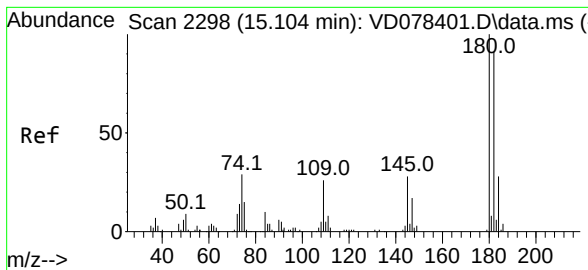
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 76.166 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Tgt Ion: 75 Resp: 8037
Ion Ratio Lower Upper
75 100
155 95.1 47.9 143.8
157 118.5 59.9 179.7





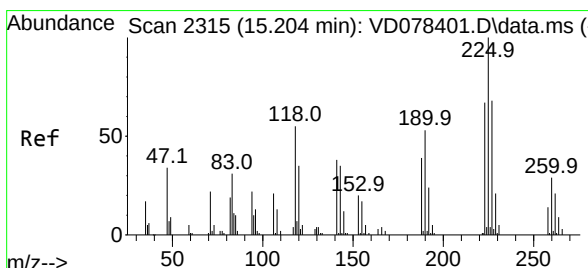
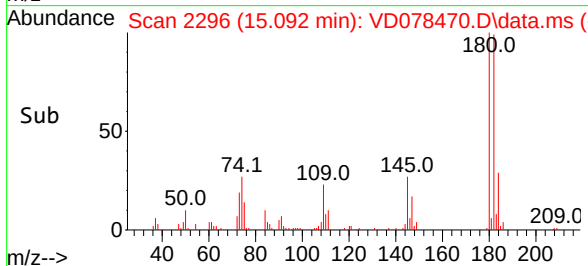
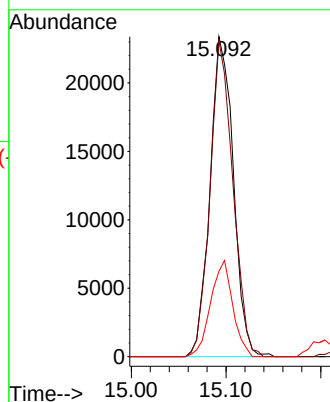
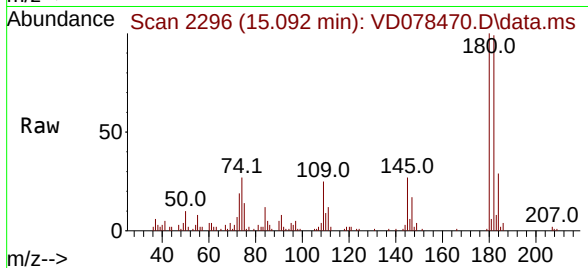
#93
1,2,4-Trichlorobenzene
Concen: 39.794 ug/l
RT: 15.092 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-191-GW-858-860MSD

Tgt Ion:180 Resp: 40019
Ion Ratio Lower Upper
180 100
182 96.5 48.5 145.6
145 28.5 14.2 42.6

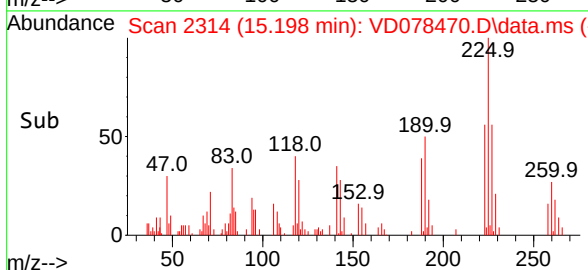
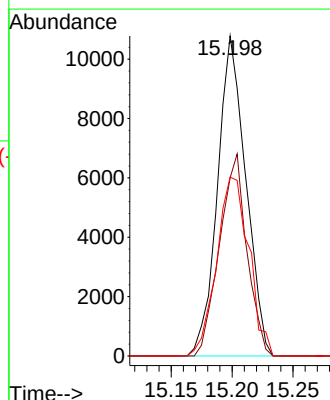
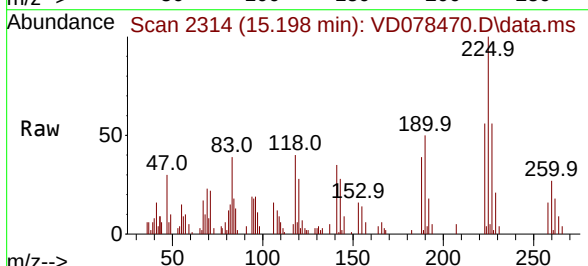
Manual Integrations
APPROVED

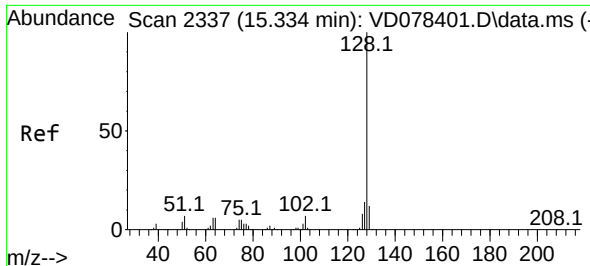
Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#94
Hexachlorobutadiene
Concen: 33.194 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

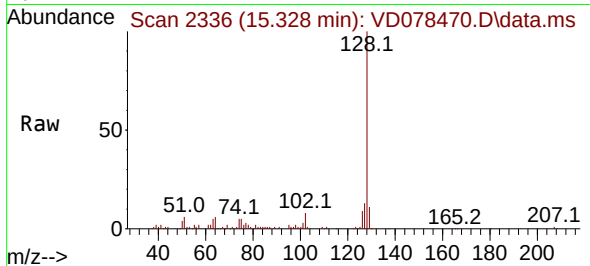
Tgt Ion:225 Resp: 17424
Ion Ratio Lower Upper
225 100
223 61.1 31.6 94.8
227 63.6 31.7 95.1





#95
Naphthalene
Concen: 60.483 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13

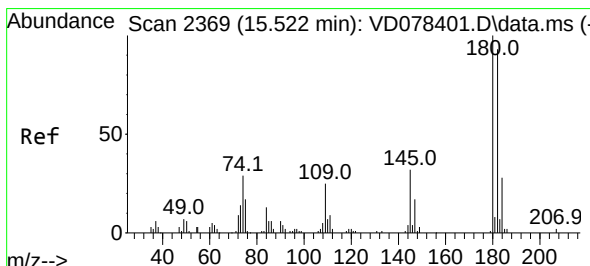
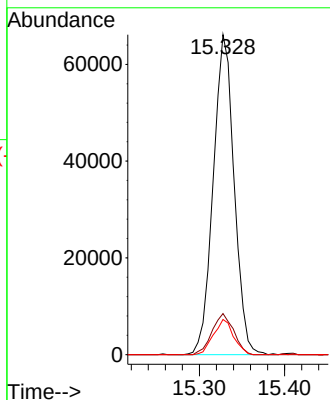
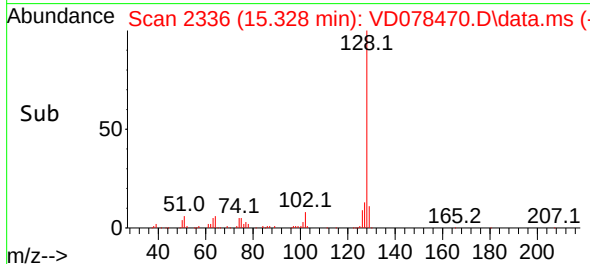
Instrument : MSVOA_D
ClientSampleId : BP-VPB-191-GW-858-860MSD



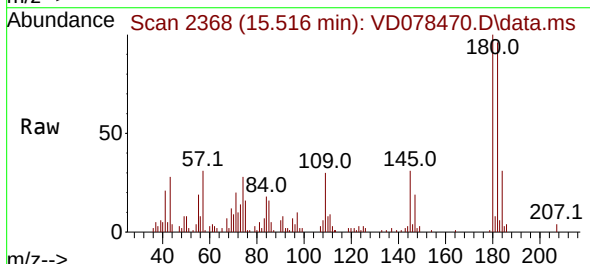
Tgt Ion:128 Resp: 112815
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/20/2024
Supervised By :Semsettin Yesilyurt 02/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 43.335 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078470.D
Acq: 19 Feb 2024 18:13



Tgt Ion:180 Resp: 36934
Ion Ratio Lower Upper
180 100
182 96.8 47.3 141.9
145 31.5 15.1 45.3

