

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078680.D
 Acq On : 15 Mar 2024 11:23
 Operator : RP/MD
 Sample : VD0315SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

Quant Time: Mar 16 05:23:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
 Supervised By :Semsettin Yesilyurt 03/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	120490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	207720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	196830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54631	48.381	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.760%		
35) Dibromofluoromethane	7.810	113	60372	45.141	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.280%		
50) Toluene-d8	10.269	98	224615	45.667	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.340%		
62) 4-Bromofluorobenzene	12.575	95	65427	45.469	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22256	19.846	ug/l	88
3) Chloromethane	2.152	50	36699	20.726	ug/l	99
4) Vinyl Chloride	2.287	62	53042	20.307	ug/l	96
5) Bromomethane	2.687	94	52258	20.896	ug/l	96
6) Chloroethane	2.834	64	44148	21.673	ug/l	97
7) Trichlorofluoromethane	3.175	101	42002	20.326	ug/l	99
8) Diethyl Ether	3.593	74	12617	20.912	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.964	101	26591	20.504	ug/l	96
10) Methyl Iodide	4.164	142	28179	18.369	ug/l	97
11) Tert butyl alcohol	5.046	59	6418	127.003	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	25172	20.418	ug/l	86
13) Acrolein	3.799	56	9351	118.126	ug/l	95
14) Allyl chloride	4.569	41	26931	19.578	ug/l	98
15) Acrylonitrile	5.246	53	25740	105.833	ug/l	94
16) Acetone	4.028	43	25484	116.709	ug/l	99
17) Carbon Disulfide	4.275	76	83348	20.623	ug/l	95
18) Methyl Acetate	4.558	43	9439	20.143	ug/l #	64
19) Methyl tert-butyl Ether	5.316	73	52823	21.247	ug/l	91
20) Methylene Chloride	4.799	84	34786	20.492	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	29398	20.209	ug/l	91
22) Diisopropyl ether	6.216	45	68068	21.764	ug/l	93
23) Vinyl Acetate	6.158	43	198014	108.239	ug/l	100
24) 1,1-Dichloroethane	6.105	63	49488	21.105	ug/l	99
25) 2-Butanone	7.087	43	33711	116.123	ug/l	97
26) 2,2-Dichloropropane	7.069	77	41049	20.692	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	33135	19.971	ug/l	95
28) Bromochloromethane	7.422	49	18030	21.568	ug/l	94
29) Tetrahydrofuran	7.446	42	17171	108.747	ug/l	97
30) Chloroform	7.593	83	54370	20.796	ug/l	97
31) Cyclohexane	7.875	56	37158	19.578	ug/l #	92
32) 1,1,1-Trichloroethane	7.787	97	43416	19.573	ug/l	97
36) 1,1-Dichloropropene	8.010	75	39651	20.434	ug/l	98
37) Ethyl Acetate	7.169	43	12529	19.764	ug/l	95
38) Carbon Tetrachloride	7.987	117	41425	20.250	ug/l	97
39) Methylcyclohexane	9.269	83	43158	19.173	ug/l	98
40) Benzene	8.252	78	116471	19.856	ug/l	97

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 ClientSampleId :
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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
 Supervised By :Semsettin Yesilyurt 03/18/2024

Quant Time: Mar 16 05:23:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	7020m	21.131	ug/l	
42) 1,2-Dichloroethane	8.328	62	29897	20.900	ug/l	98
43) Isopropyl Acetate	8.357	43	24262	21.045	ug/l #	81
44) Trichloroethene	9.028	130	32393	20.349	ug/l	93
45) 1,2-Dichloropropane	9.304	63	28654	20.592	ug/l	96
46) Dibromomethane	9.393	93	17205	20.626	ug/l	98
47) Bromodichloromethane	9.587	83	41296	20.797	ug/l	95
48) Methyl methacrylate	9.381	41	10909	19.420	ug/l	97
49) 1,4-Dioxane	9.387	88	3315	429.230	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	66957	111.093	ug/l	98
52) Toluene	10.334	92	75209	19.915	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	36001	19.829	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	42066	19.274	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	24034	21.517	ug/l	92
56) Ethyl methacrylate	10.599	69	22299	19.914	ug/l	96
57) 1,3-Dichloropropane	10.875	76	36358	20.172	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	51880	105.073	ug/l	97
59) 2-Hexanone	10.922	43	48820	109.267	ug/l	99
60) Dibromochloromethane	11.069	129	29045	21.085	ug/l	96
61) 1,2-Dibromoethane	11.181	107	22095	20.440	ug/l	97
64) Tetrachloroethene	10.810	164	25740	19.761	ug/l	97
65) Chlorobenzene	11.610	112	81777	19.882	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	29347	19.482	ug/l	99
67) Ethyl Benzene	11.681	91	132144	18.853	ug/l	99
68) m/p-Xylenes	11.793	106	111846	39.297	ug/l	97
69) o-Xylene	12.122	106	49696	18.872	ug/l	99
70) Styrene	12.134	104	85317	19.303	ug/l	98
71) Bromoform	12.298	173	17334	21.293	ug/l #	93
73) Isopropylbenzene	12.422	105	127382	18.968	ug/l	98
74) N-amyl acetate	12.234	43	22865	20.970	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	27034	21.746	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	17122m	21.788	ug/l	
77) Bromobenzene	12.704	156	33222	19.948	ug/l	98
78) n-propylbenzene	12.763	91	157183	19.228	ug/l	99
79) 2-Chlorotoluene	12.851	91	84888	18.929	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	108962	19.620	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	8038	21.441	ug/l	95
82) 4-Chlorotoluene	12.945	91	92990	19.605	ug/l	98
83) tert-Butylbenzene	13.169	119	86872	18.142	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	110312	19.711	ug/l	98
85) sec-Butylbenzene	13.345	105	142138	19.615	ug/l	97
86) p-Isopropyltoluene	13.463	119	118119	19.040	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	67896	19.318	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	68236	19.700	ug/l	98
89) n-Butylbenzene	13.787	91	110821	19.780	ug/l	99
90) Hexachloroethane	14.057	117	25038	19.506	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	60089	19.851	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3409	20.498	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	34104	19.305	ug/l	95
94) Hexachlorobutadiene	15.204	225	17138	17.920	ug/l	98
95) Naphthalene	15.334	128	58577	19.072	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	30700	20.088	ug/l	99

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

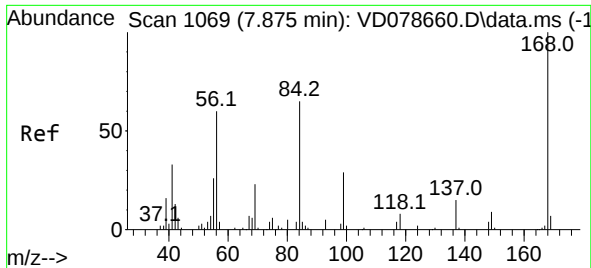
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024

Quant Time: Mar 16 05:23:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

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



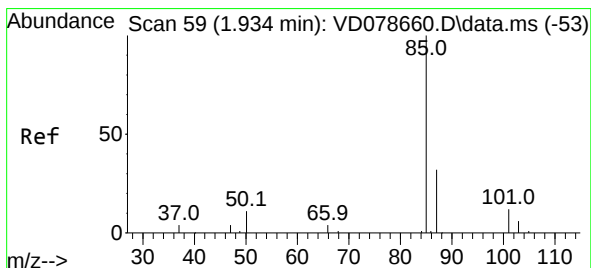
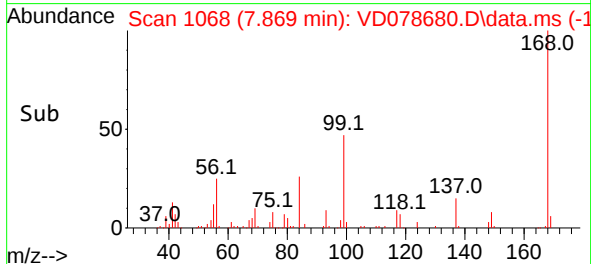
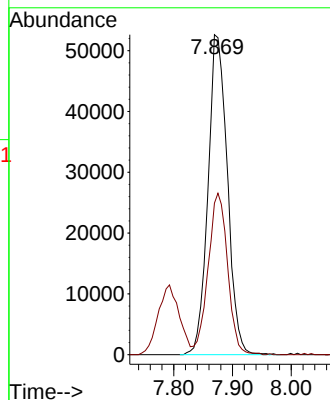
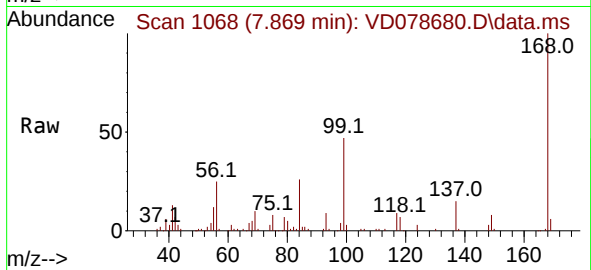
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:168 Resp: 120490
Ion Ratio Lower Upper
168 100
99 47.3 38.8 58.2

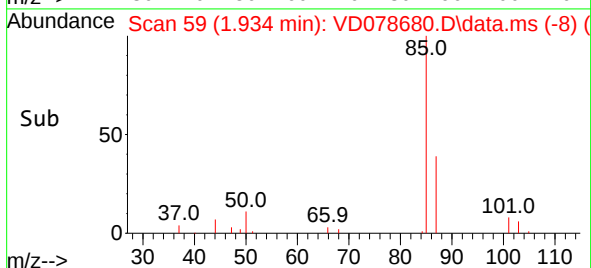
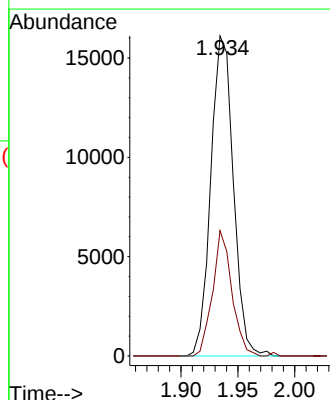
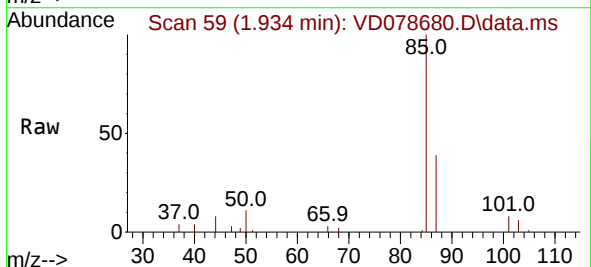
Manual Integrations
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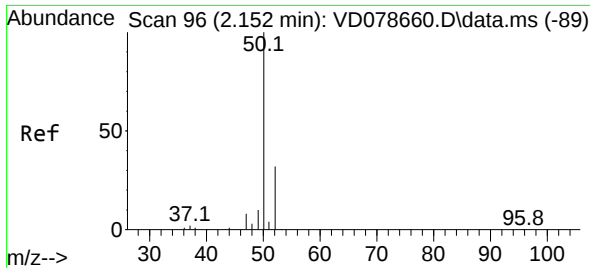
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#2
Dichlorodifluoromethane
Concen: 19.846 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

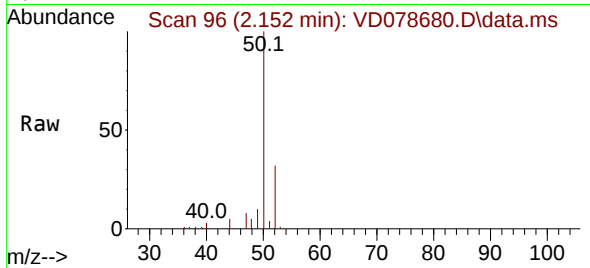
Tgt Ion: 85 Resp: 22256
Ion Ratio Lower Upper
85 100
87 39.2 16.2 48.5





#3
Chloromethane
Concen: 20.726 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

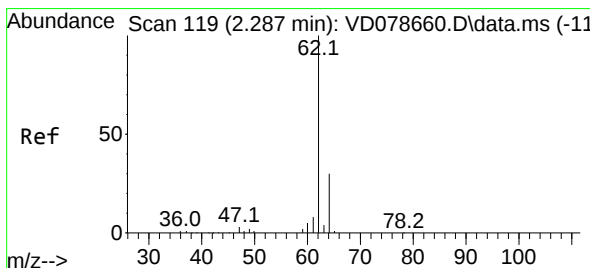
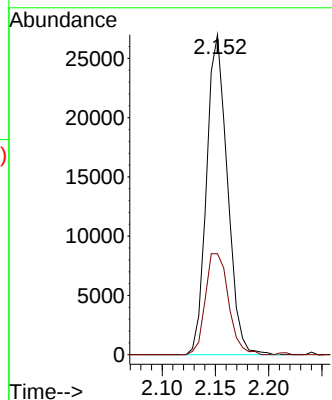
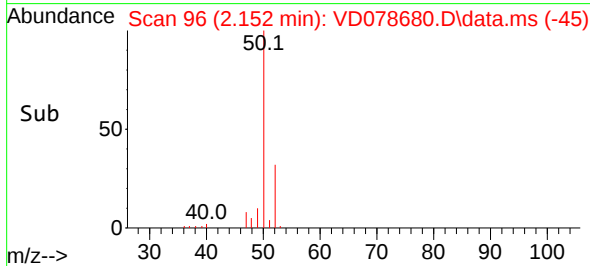
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



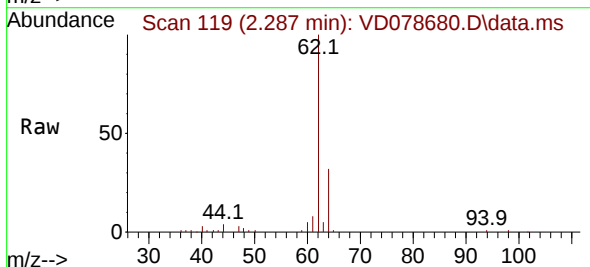
Tgt Ion: 50 Resp: 3669
Ion Ratio Lower Upper
50 100
52 31.6 25.6 38.4

Manual Integrations
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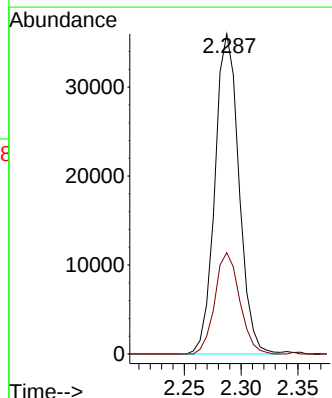
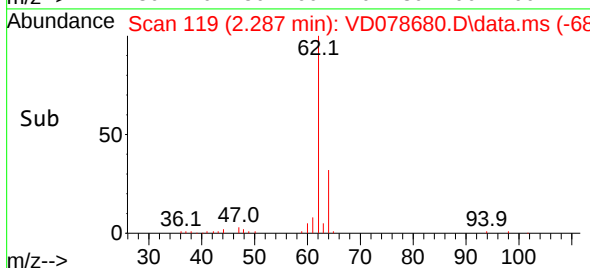
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Supervised By :Semsettin Yesilyurt 03/18/2024

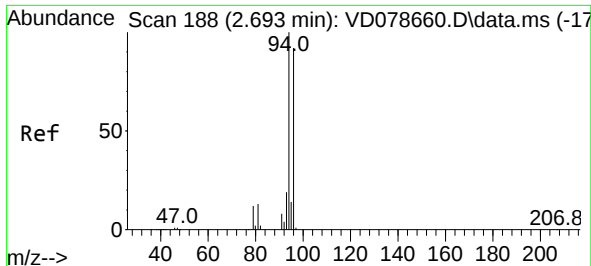


#4
Vinyl Chloride
Concen: 20.307 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23



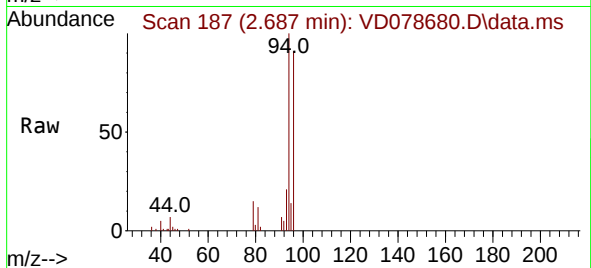
Tgt Ion: 62 Resp: 53042
Ion Ratio Lower Upper
62 100
64 31.7 23.7 35.5





#5
Bromomethane
Concen: 20.896 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

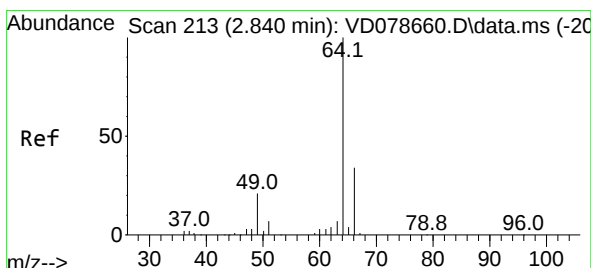
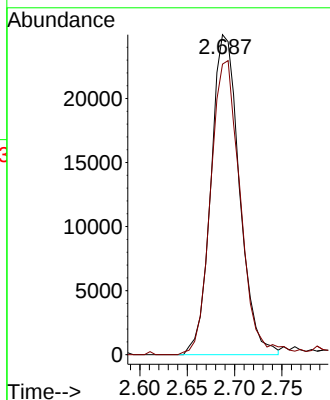
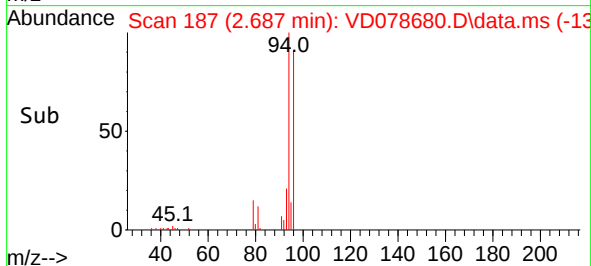
Instrument :
MSVOA_D
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VD0315SBS01



Tgt Ion: 94 Resp: 5225
Ion Ratio Lower Upper
94 100
96 95.5 73.5 110.3

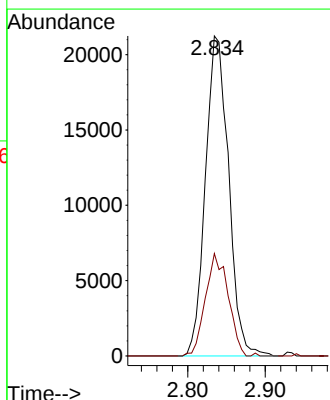
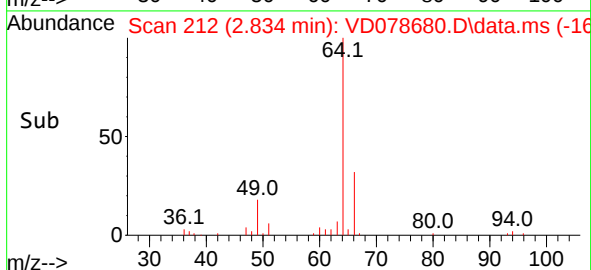
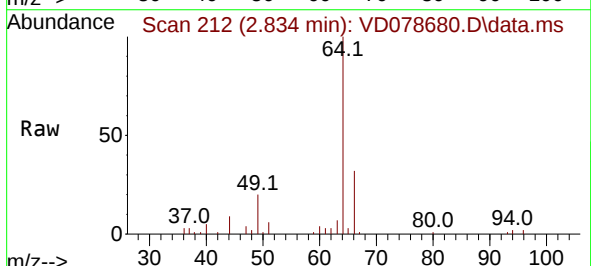
Manual Integrations
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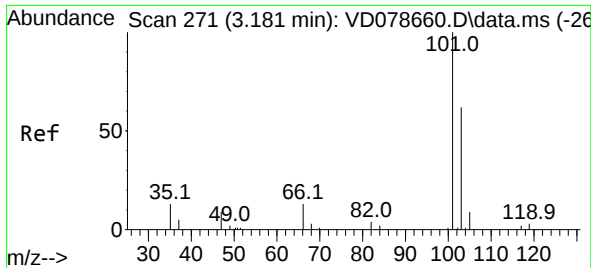
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#6
Chloroethane
Concen: 21.673 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

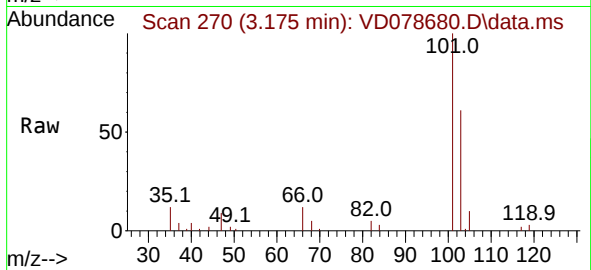
Tgt Ion: 64 Resp: 44148
Ion Ratio Lower Upper
64 100
66 32.0 26.8 40.2





#7
Trichlorofluoromethane
Concen: 20.326 ug/l
RT: 3.175 min Scan# 271
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

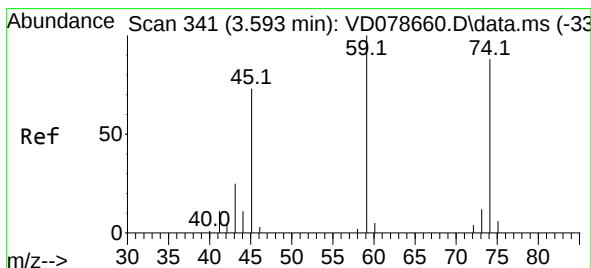
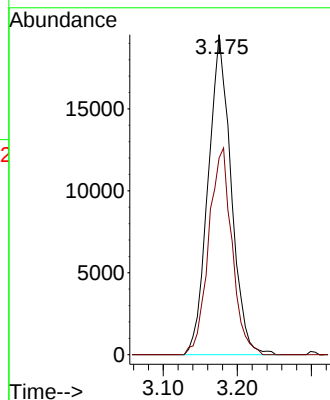
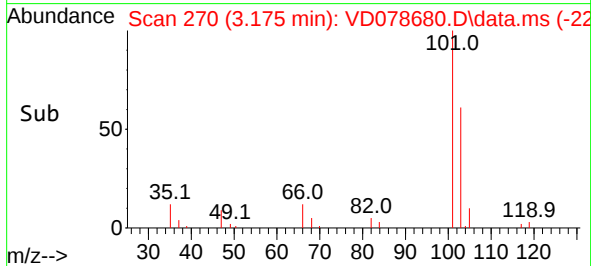
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



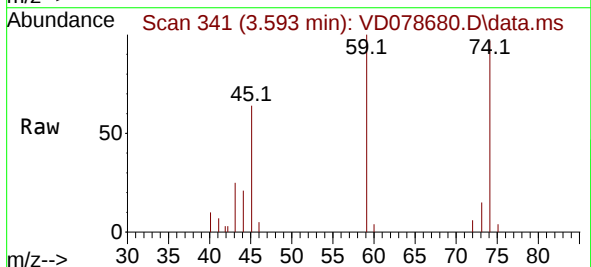
Tgt Ion:101 Resp: 4200
Ion Ratio Lower Upper
101 100
103 61.4 49.7 74.5

Manual Integrations
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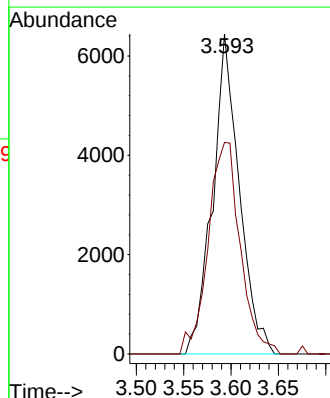
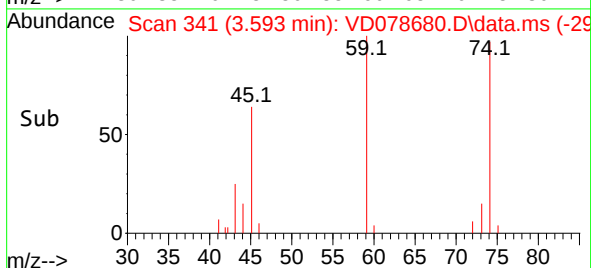
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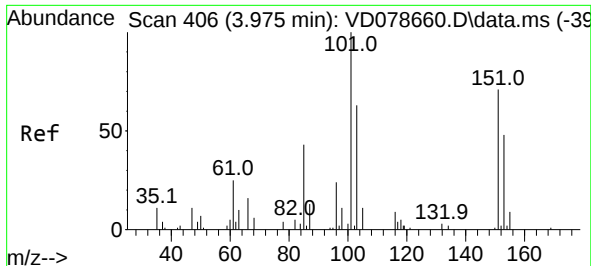


#8
Diethyl Ether
Concen: 20.912 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23



Tgt Ion: 74 Resp: 12617
Ion Ratio Lower Upper
74 100
45 79.3 42.4 127.3





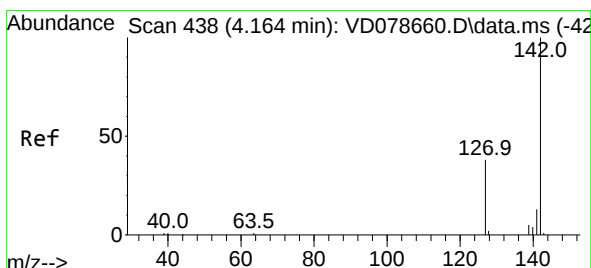
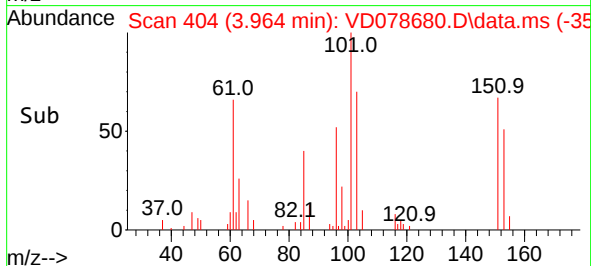
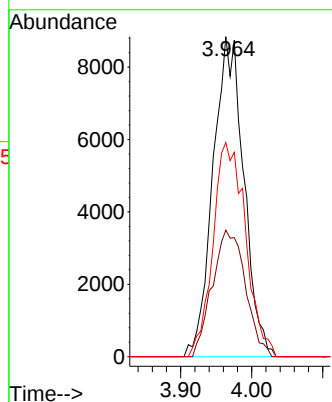
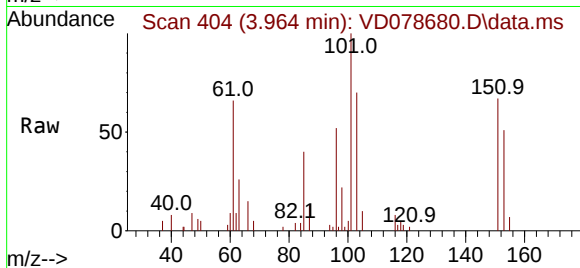
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.504 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:101 Resp: 2659
Ion Ratio Lower Upper
101 100
85 42.5 35.8 53.6
151 70.8 59.4 89.2

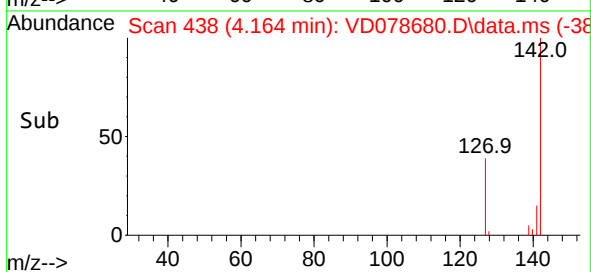
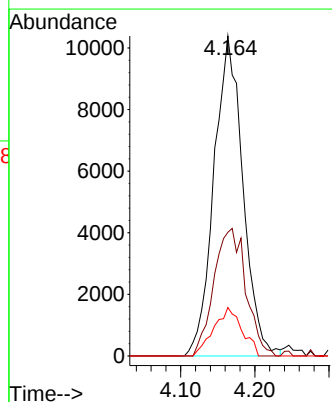
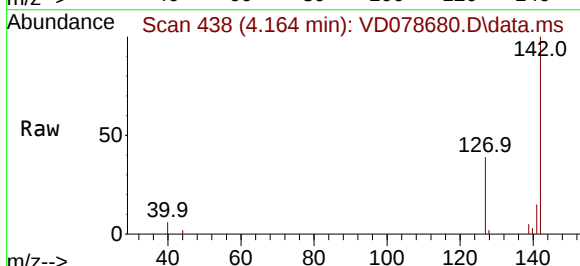
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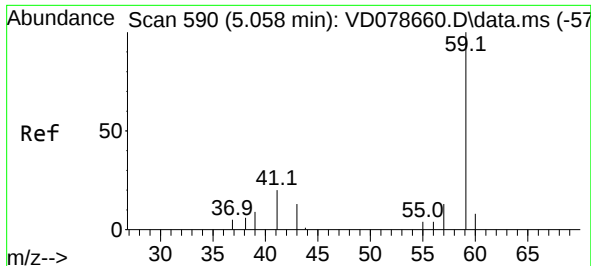
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#10
Methyl Iodide
Concen: 18.369 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:142 Resp: 28179
Ion Ratio Lower Upper
142 100
127 44.1 33.5 50.3
141 14.8 11.7 17.5





#11

Tert butyl alcohol

Concen: 127.003 ug/l

RT: 5.046 min Scan# 50

Delta R.T. -0.012 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 59 Resp: 6418

Ion Ratio Lower Upper

59 100

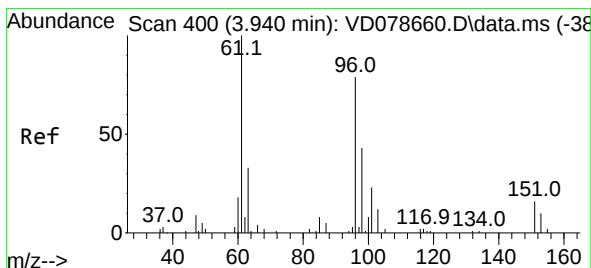
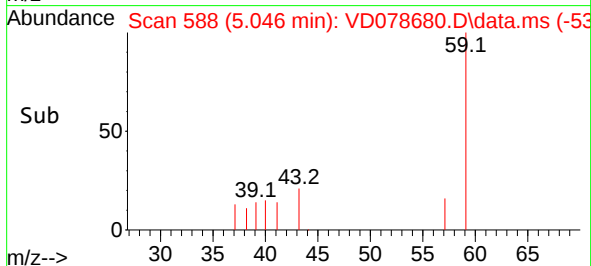
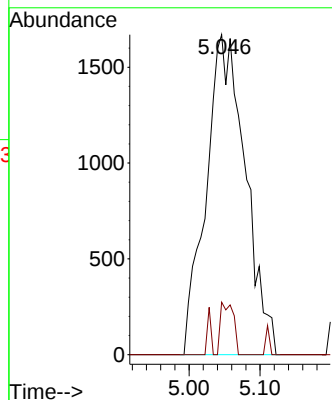
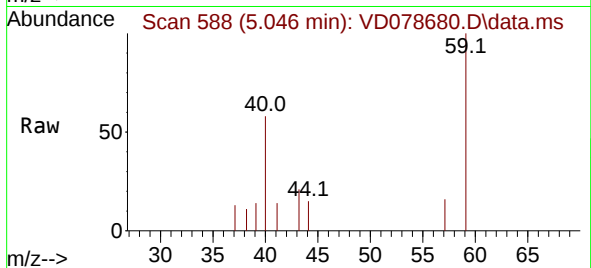
57 5.3 7.4 11.0

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APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024

Supervised By :Semsettin Yesilyurt 03/18/2024



#12

1,1-Dichloroethene

Concen: 20.418 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

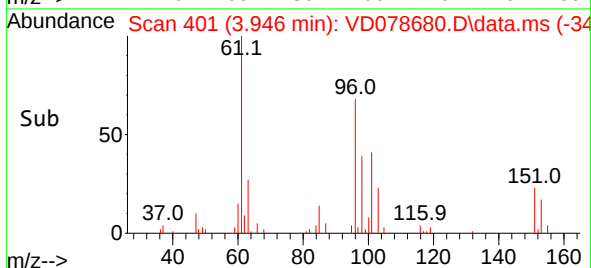
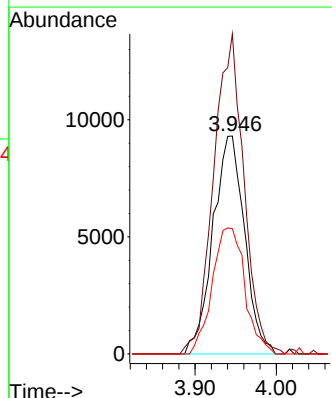
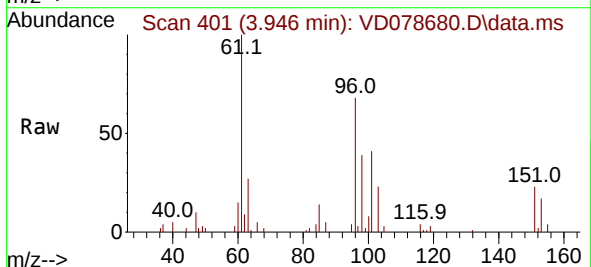
Tgt Ion: 96 Resp: 25172

Ion Ratio Lower Upper

96 100

61 146.8 101.4 152.0

98 57.5 43.4 65.0





#13

Acrolein

Concen: 118.126 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 56 Resp: 935

Ion Ratio Lower Upper

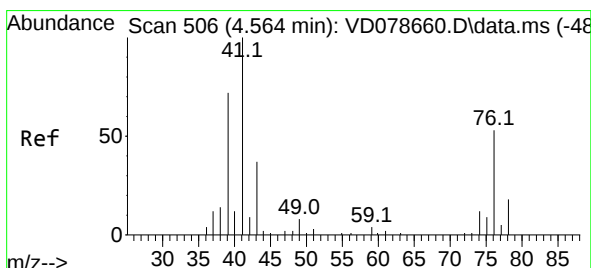
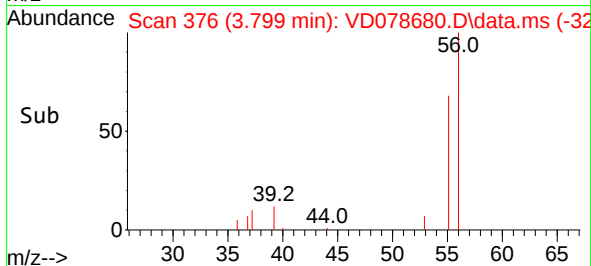
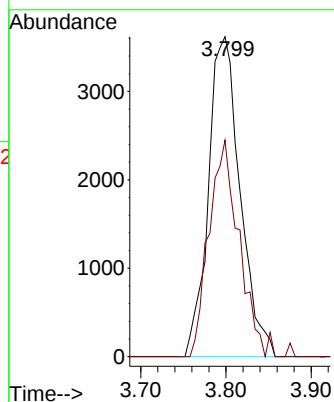
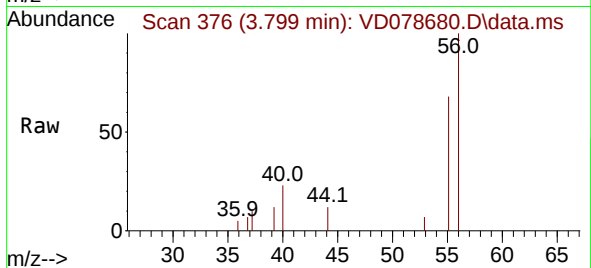
56 100

55 64.6 54.9 82.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#14

Allyl chloride

Concen: 19.578 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

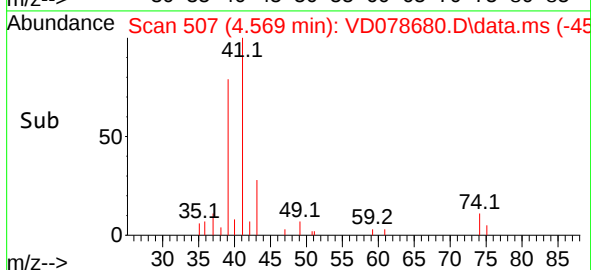
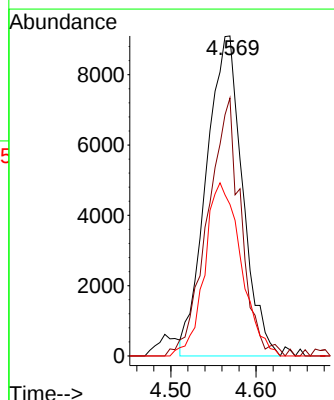
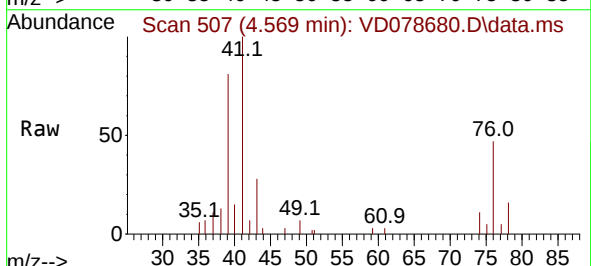
Tgt Ion: 41 Resp: 26931

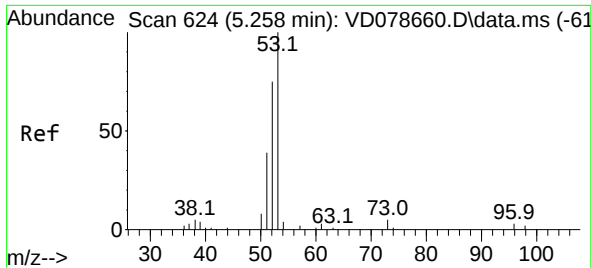
Ion Ratio Lower Upper

41 100

39 74.0 57.8 86.6

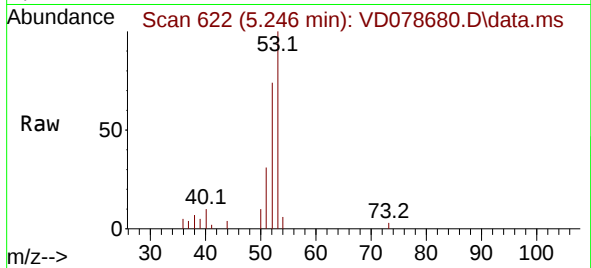
76 54.3 44.8 67.2





#15
Acrylonitrile
Concen: 105.833 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

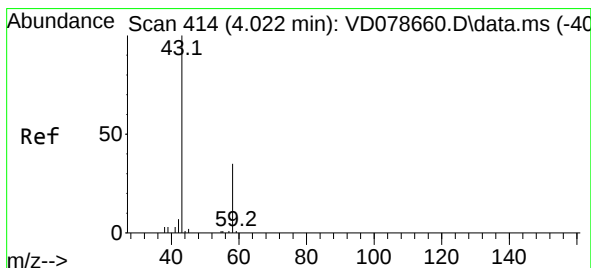
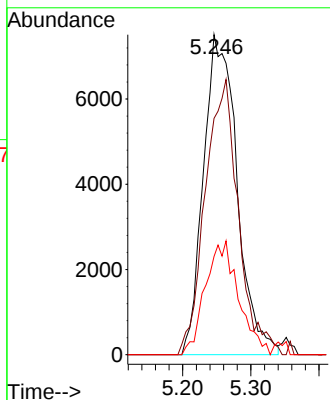
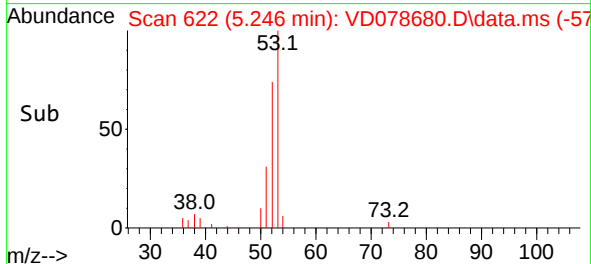
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 53 Resp: 25740
Ion Ratio Lower Upper
53 100
52 84.7 61.9 92.9
51 35.2 29.0 43.4

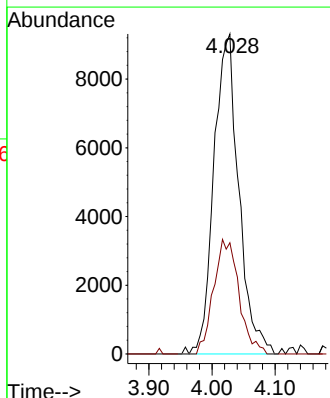
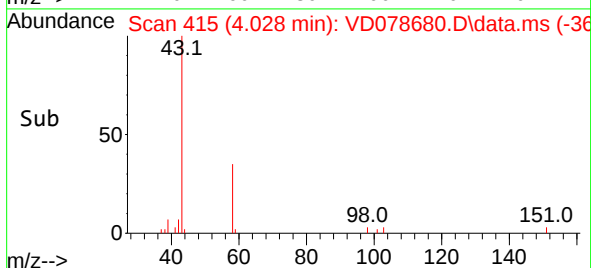
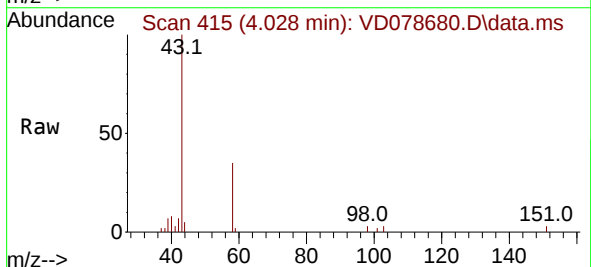
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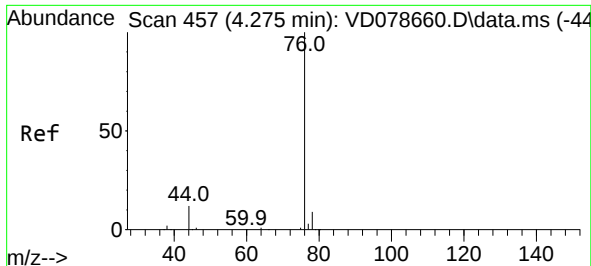
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#16
Acetone
Concen: 116.709 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

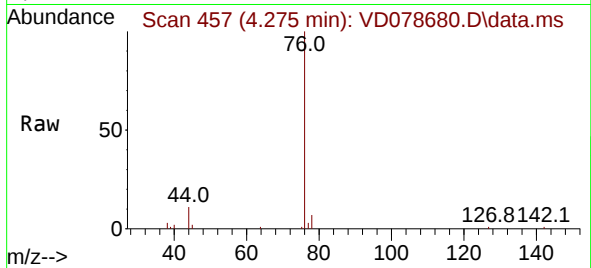
Tgt Ion: 43 Resp: 25484
Ion Ratio Lower Upper
43 100
58 34.7 28.2 42.4





#17
Carbon Disulfide
Concen: 20.623 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

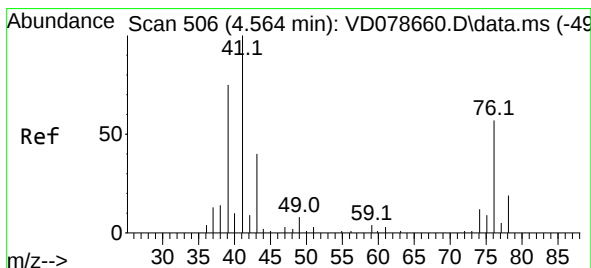
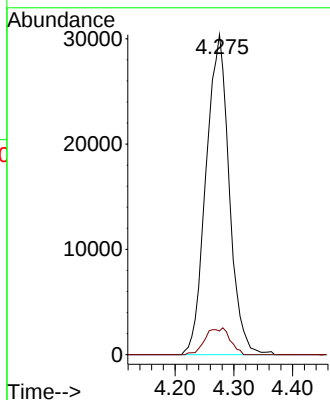
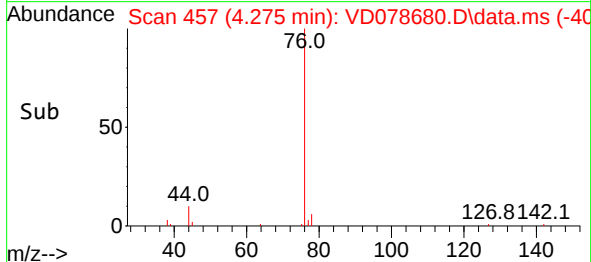
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



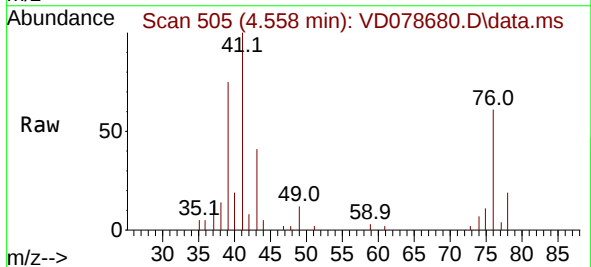
Tgt Ion: 76 Resp: 83348
Ion Ratio Lower Upper
76 100
78 7.4 7.3 10.9

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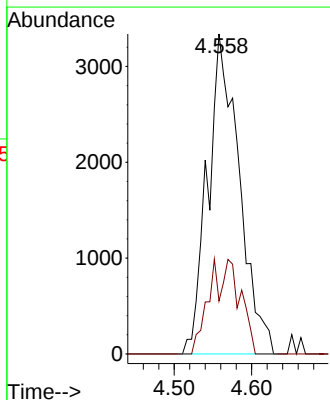
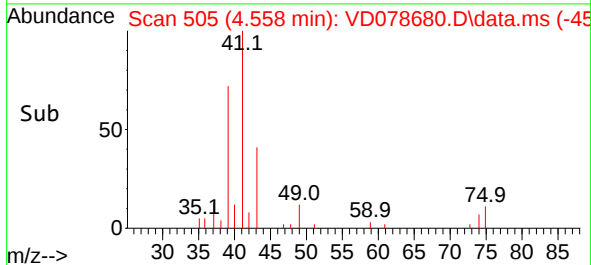
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#18
Methyl Acetate
Concen: 20.143 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23



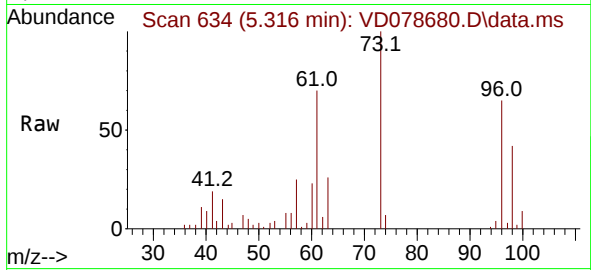
Tgt Ion: 43 Resp: 9439
Ion Ratio Lower Upper
43 100
74 11.5 25.3 37.9#





#19
Methyl tert-butyl Ether
Concen: 21.247 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

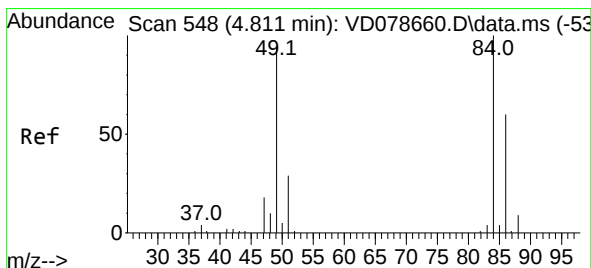
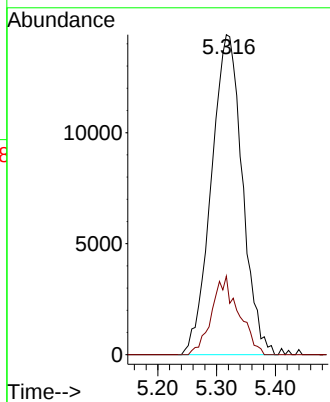
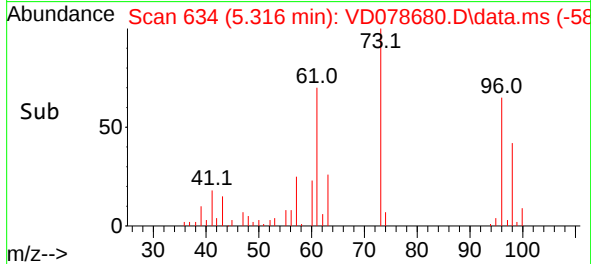
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 73 Resp: 5282
Ion Ratio Lower Upper
73 100
57 24.5 16.4 24.6

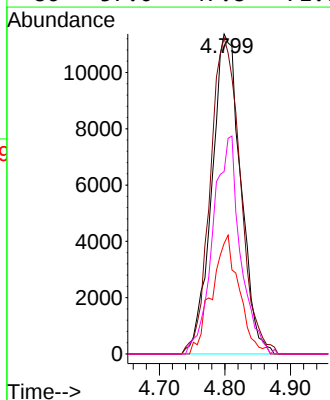
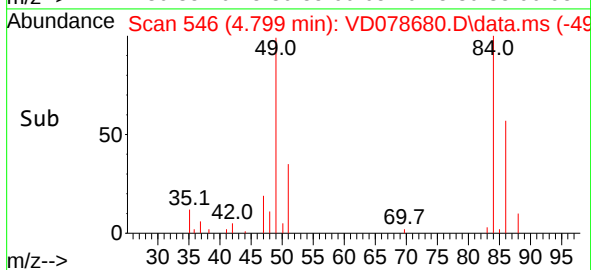
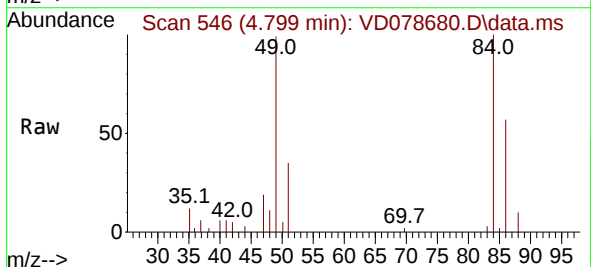
Manual Integrations
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Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#20
Methylene Chloride
Concen: 20.492 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

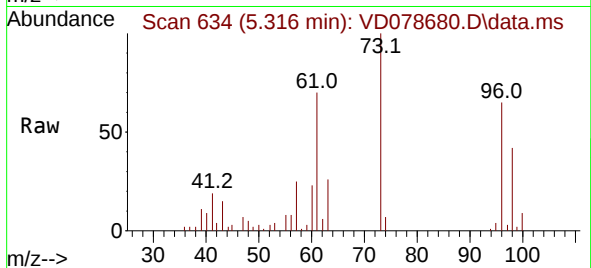
Tgt Ion: 84 Resp: 34786
Ion Ratio Lower Upper
84 100
49 98.8 75.6 113.4
51 34.6 23.4 35.0
86 57.0 47.8 71.6





#21
trans-1,2-Dichloroethene
Concen: 20.209 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

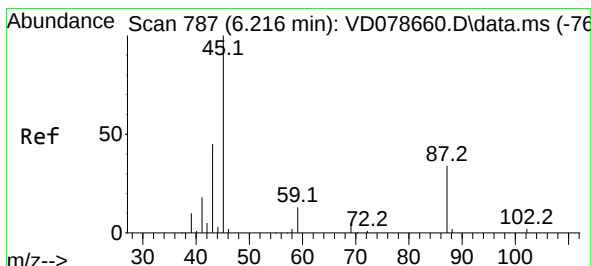
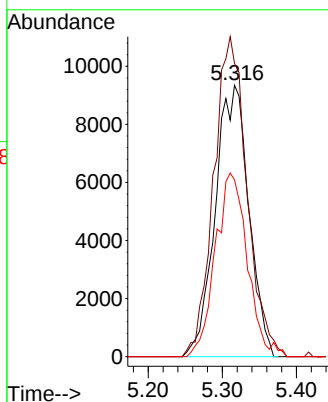
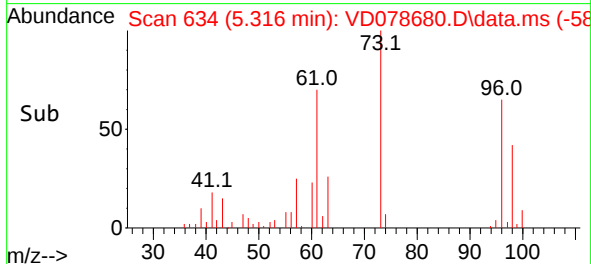
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



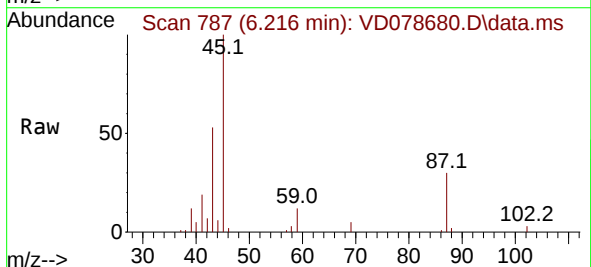
Tgt Ion: 96 Resp: 29398
Ion Ratio Lower Upper
96 100
61 108.0 96.1 144.1
98 65.1 48.9 73.3

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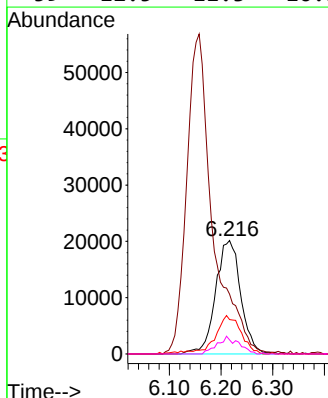
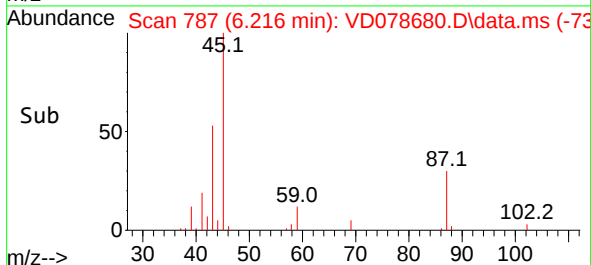
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024

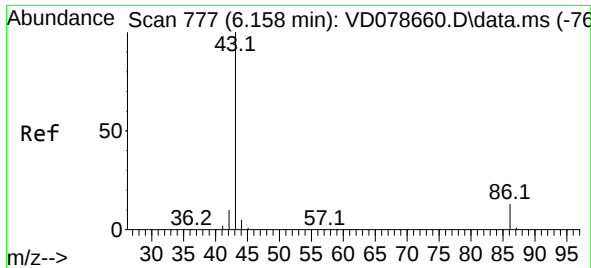


#22
Diisopropyl ether
Concen: 21.764 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23



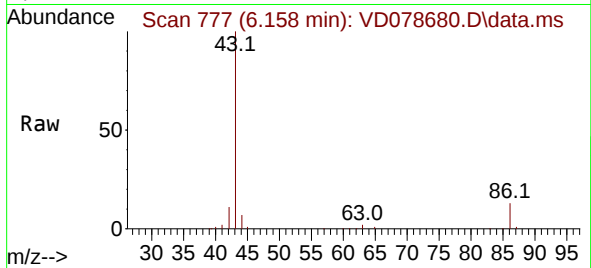
Tgt Ion: 45 Resp: 68068
Ion Ratio Lower Upper
45 100
43 50.4 44.3 66.5
87 30.3 28.3 42.5
59 12.5 11.3 16.9





#23
 Vinyl Acetate
 Concen: 108.239 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23

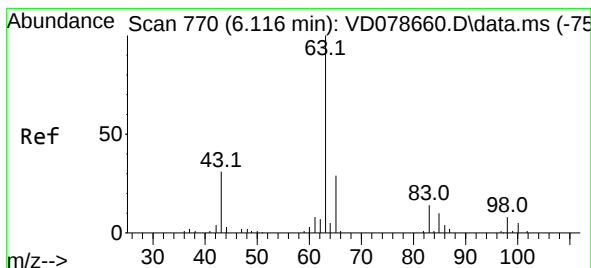
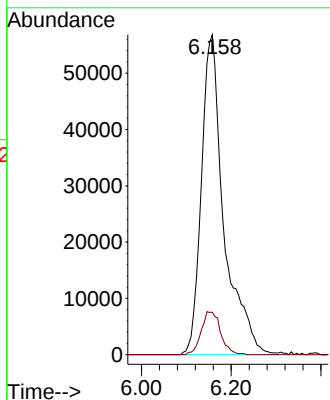
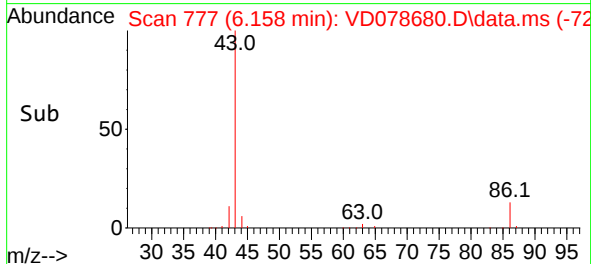
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01



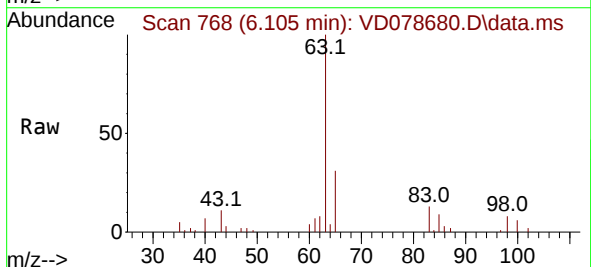
Tgt Ion: 43 Resp: 198014
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.7 16.1

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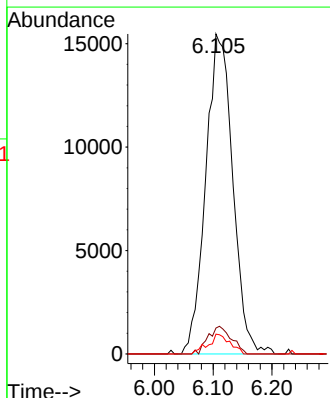
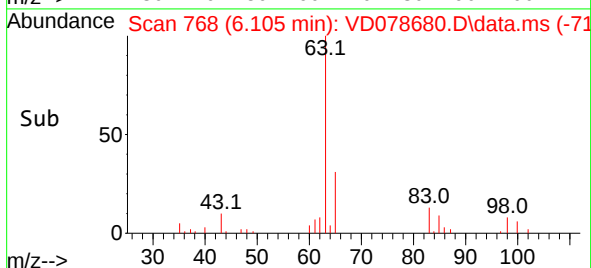
Reviewed By :Mahesh Dadoda 03/18/2024
 Supervised By :Semsettin Yesilyurt 03/18/2024



#24
 1,1-Dichloroethane
 Concen: 21.105 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23



Tgt Ion: 63 Resp: 49488
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 11.9
 100 6.2 2.7 8.1





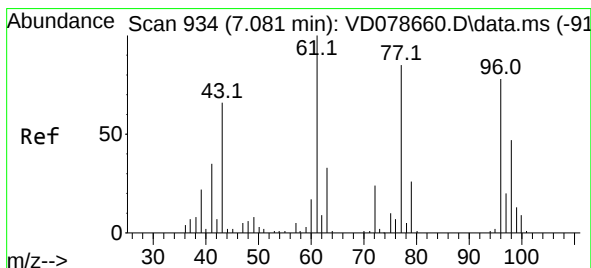
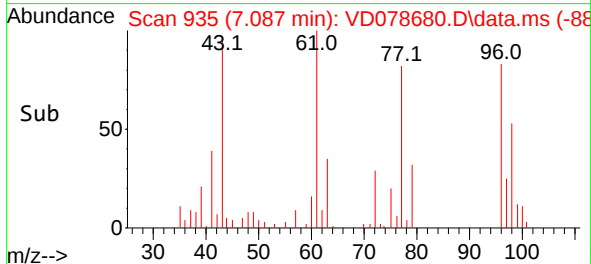
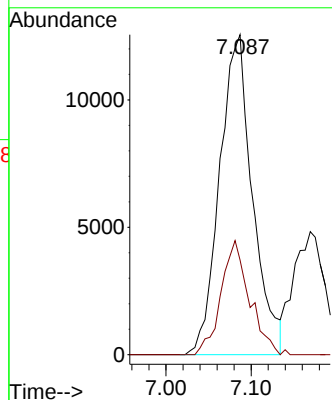
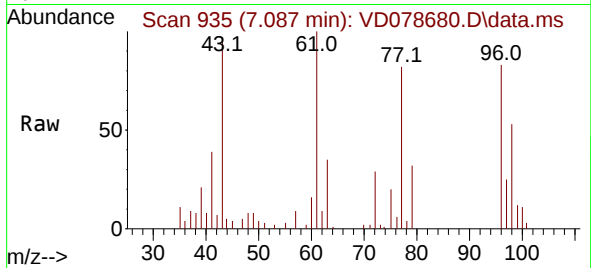
#25
2-Butanone
Concen: 116.123 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 43 Resp: 3371
Ion Ratio Lower Upper
43 100
72 29.6 25.0 37.6

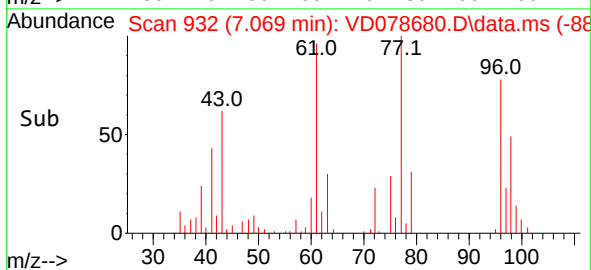
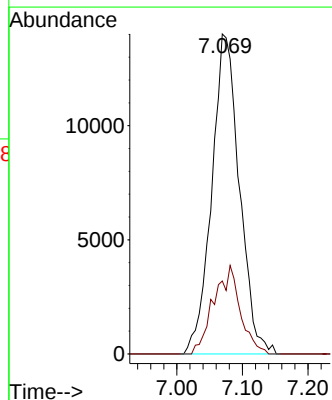
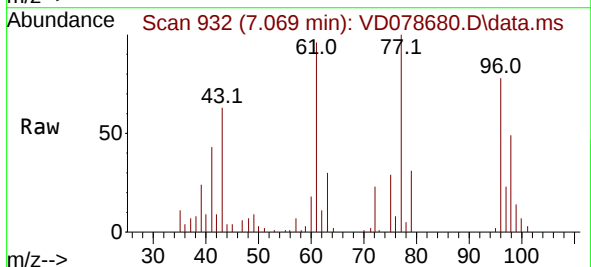
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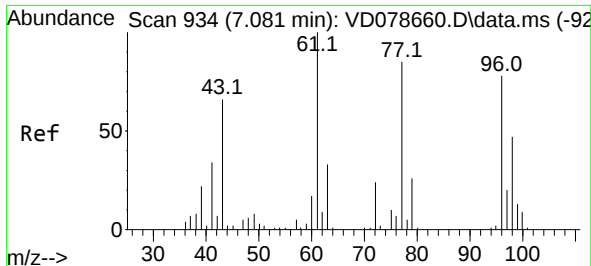
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#26
2,2-Dichloropropane
Concen: 20.692 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 77 Resp: 41049
Ion Ratio Lower Upper
77 100
97 26.5 12.4 37.0





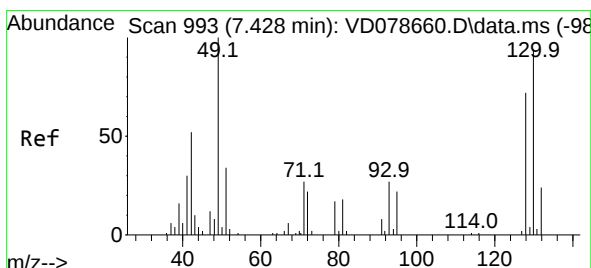
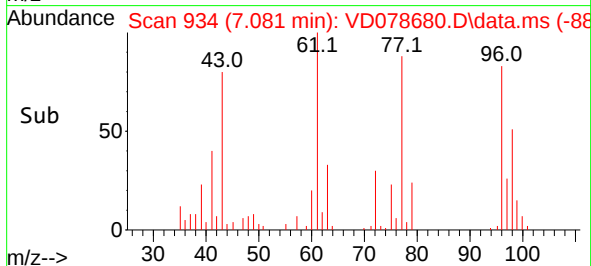
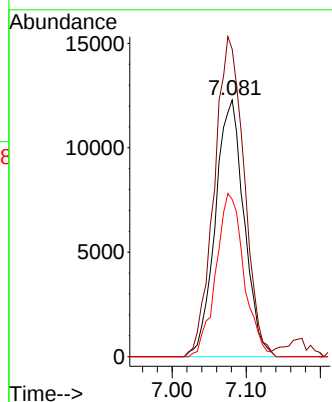
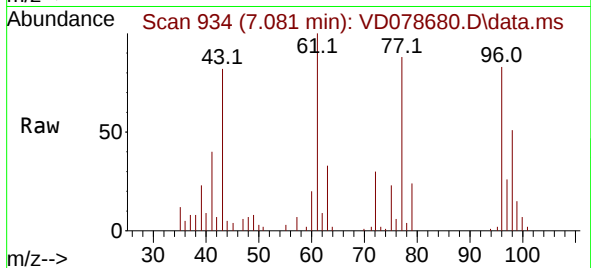
#27
cis-1,2-Dichloroethene
Concen: 19.971 ug/l
RT: 7.081 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 96 Resp: 3313
Ion Ratio Lower Upper
96 100
61 129.3 0.0 245.0
98 61.8 0.0 126.6

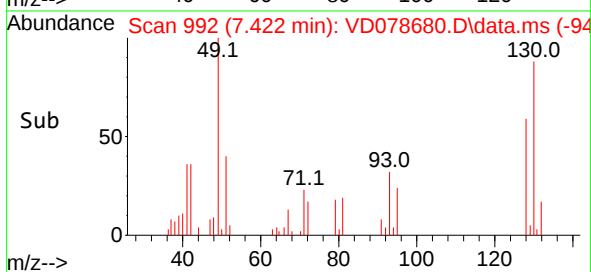
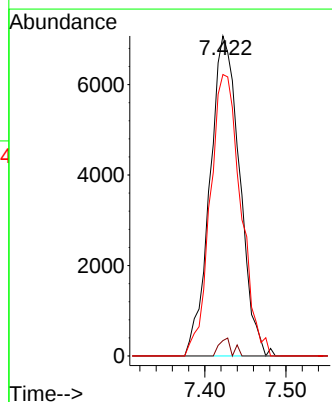
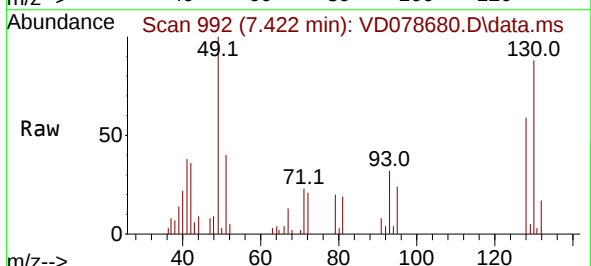
Manual Integrations
APPROVED

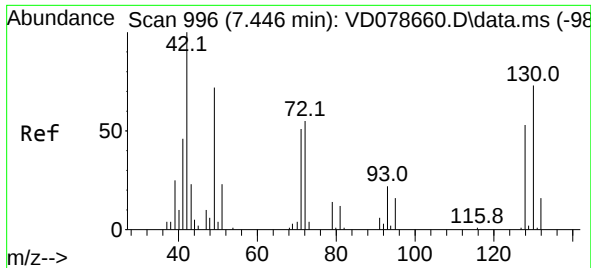
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#28
Bromochloromethane
Concen: 21.568 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

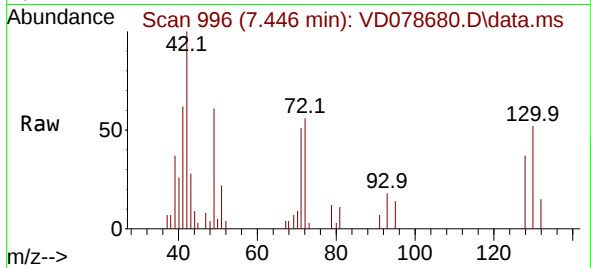
Tgt Ion: 49 Resp: 18030
Ion Ratio Lower Upper
49 100
129 2.4 0.0 6.2
130 90.2 77.1 115.7





#29
Tetrahydrofuran
Concen: 108.747 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

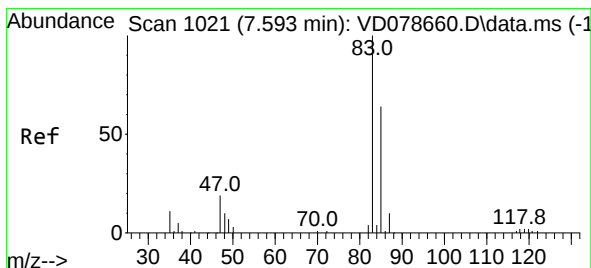
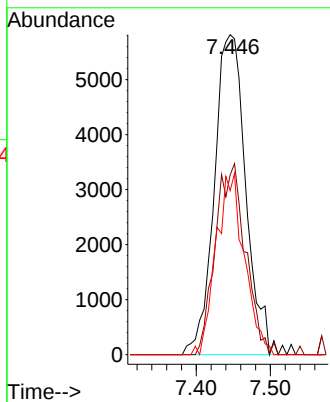
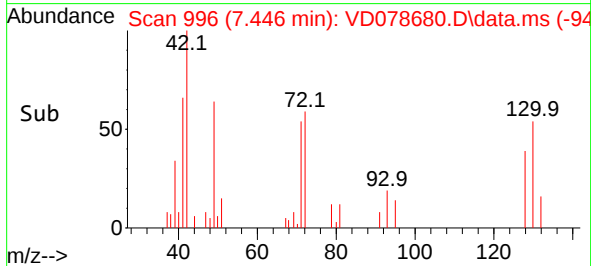
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 42 Resp: 1717
Ion Ratio Lower Upper
42 100
72 57.3 43.8 65.6
71 51.0 42.0 63.0

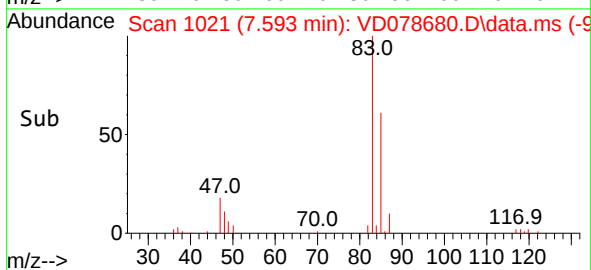
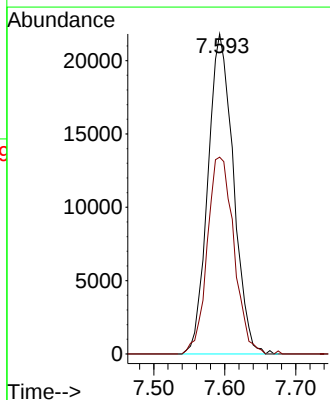
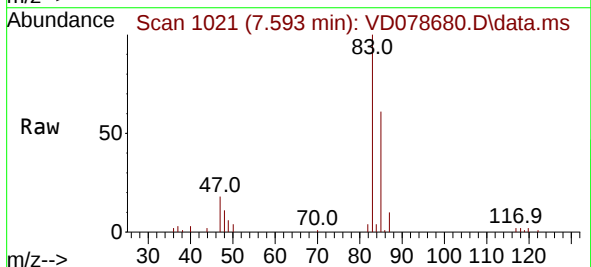
Manual Integrations
APPROVED

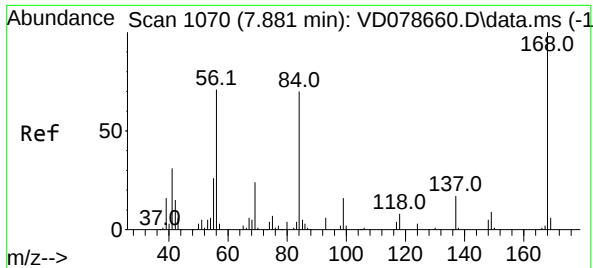
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#30
Chloroform
Concen: 20.796 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

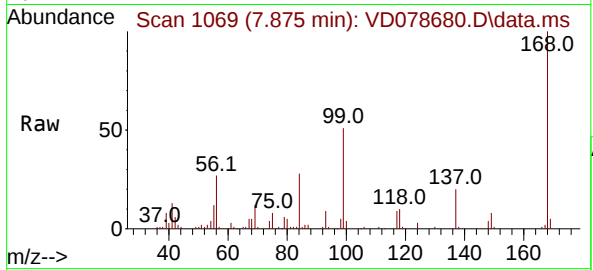
Tgt Ion: 83 Resp: 54370
Ion Ratio Lower Upper
83 100
85 61.5 51.2 76.8





#31
Cyclohexane
Concen: 19.578 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

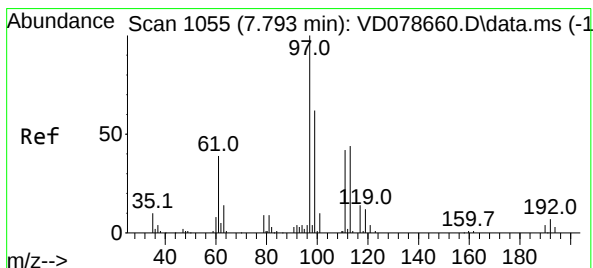
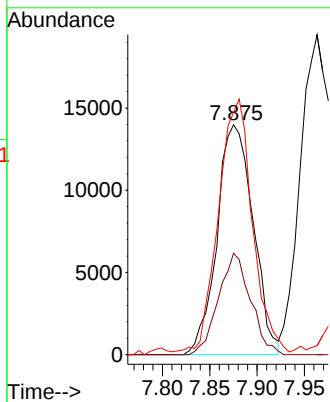
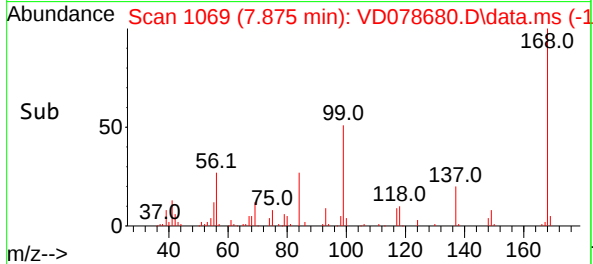
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 56 Resp: 3715
Ion Ratio Lower Upper
56 100
69 44.1 26.6 40.0
84 103.8 79.4 119.2

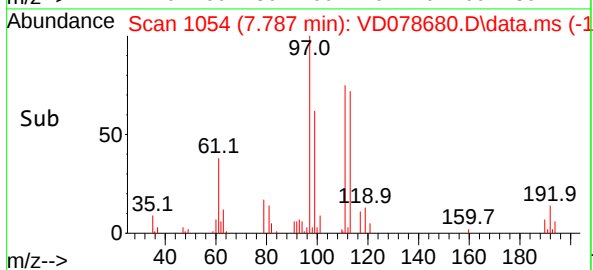
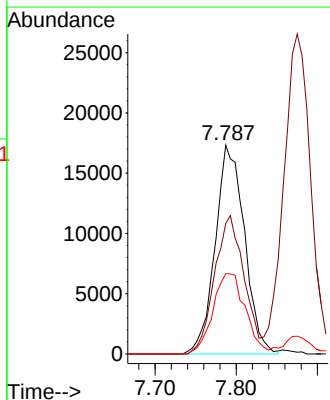
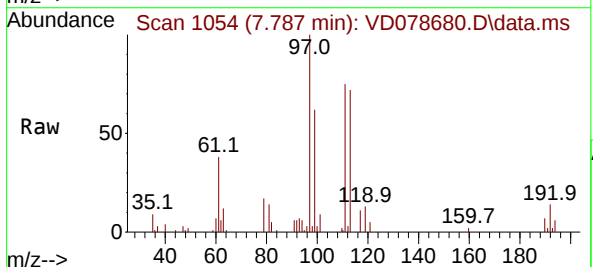
Manual Integrations
APPROVED

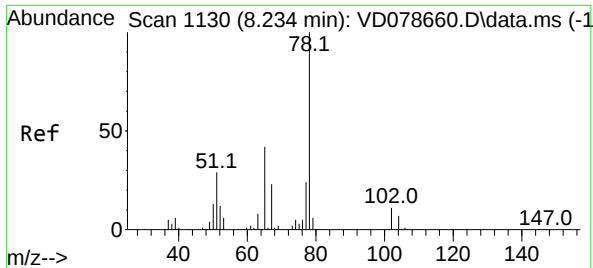
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#32
1,1,1-Trichloroethane
Concen: 19.573 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 97 Resp: 43416
Ion Ratio Lower Upper
97 100
99 66.4 50.8 76.2
61 42.3 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 48.381 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 65 Resp: 5463

Ion Ratio Lower Upper

65 100

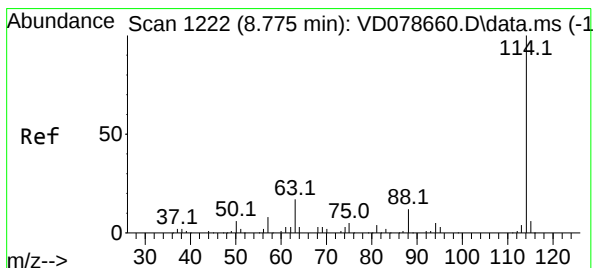
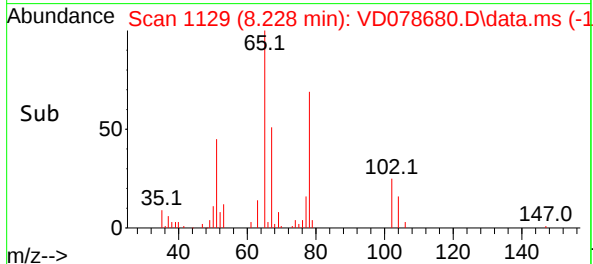
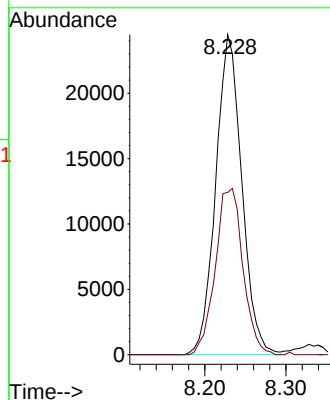
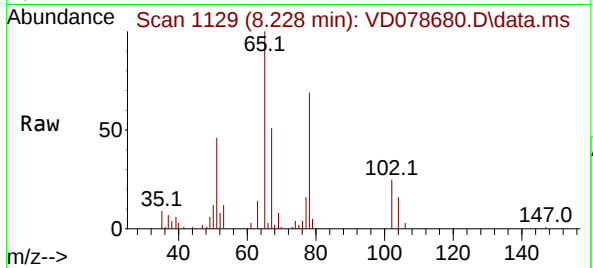
67 55.1 0.0 110.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024

Supervised By :Semsettin Yesilyurt 03/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

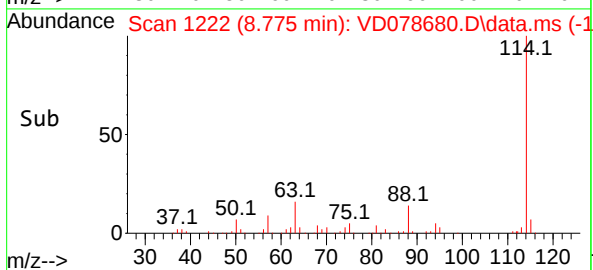
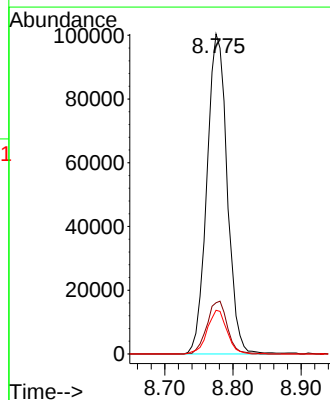
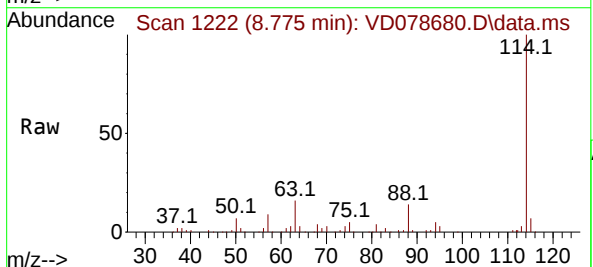
Tgt Ion:114 Resp: 207720

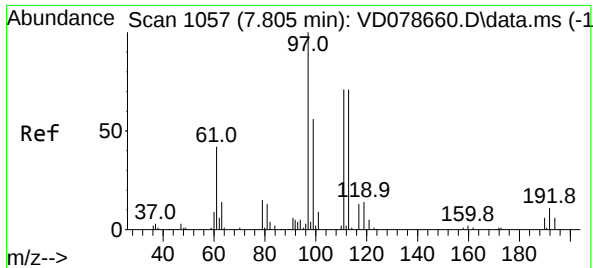
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

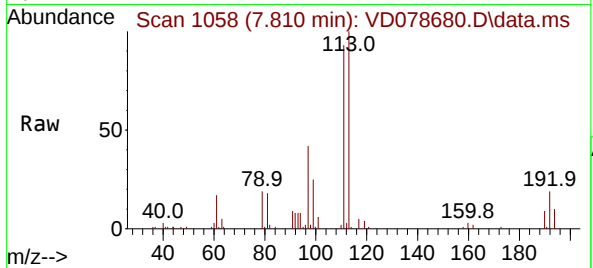
88 13.7 0.0 24.6





#35
Dibromofluoromethane
Concen: 45.141 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

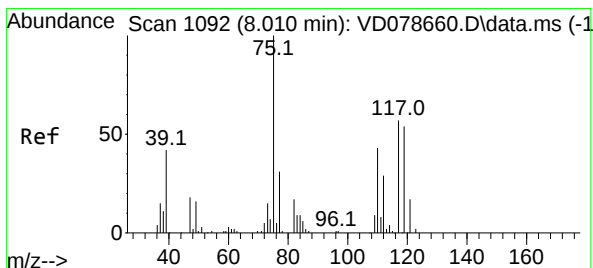
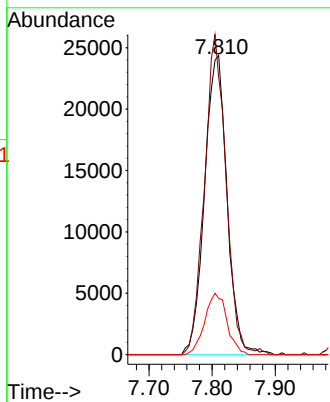
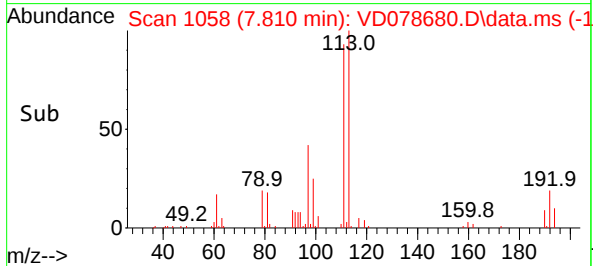
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion:113 Resp: 60372
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.3 15.4 23.0

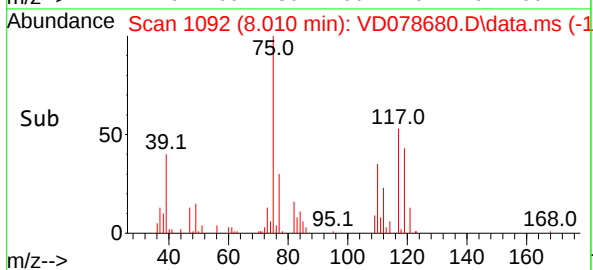
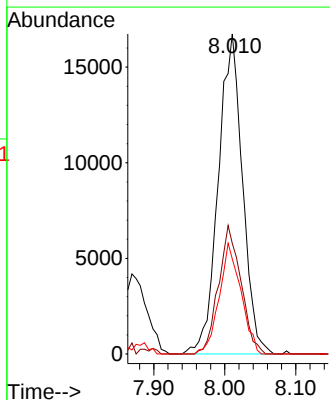
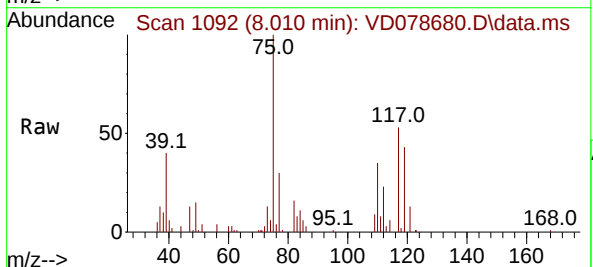
Manual Integrations
APPROVED

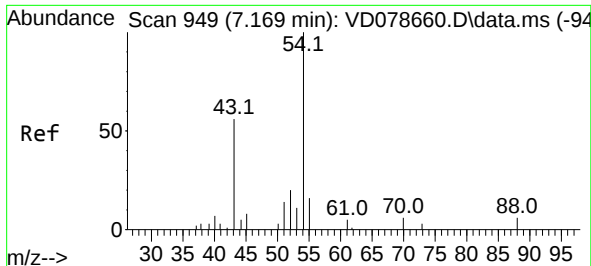
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#36
1,1-Dichloropropene
Concen: 20.434 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

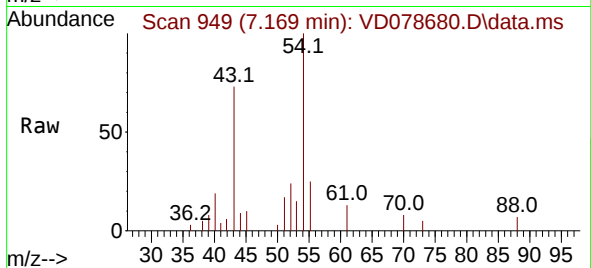
Tgt Ion: 75 Resp: 39651
Ion Ratio Lower Upper
75 100
110 37.2 19.1 57.1
77 30.9 25.4 38.2





#37
Ethyl Acetate
Concen: 19.764 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

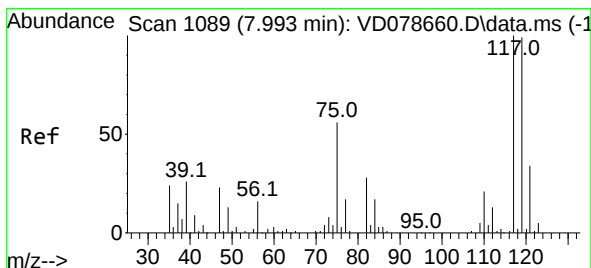
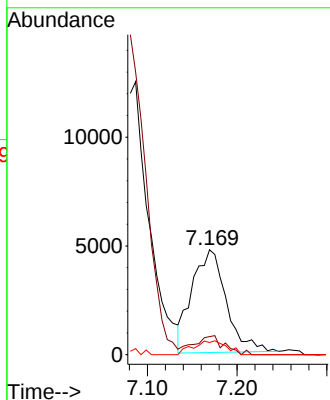
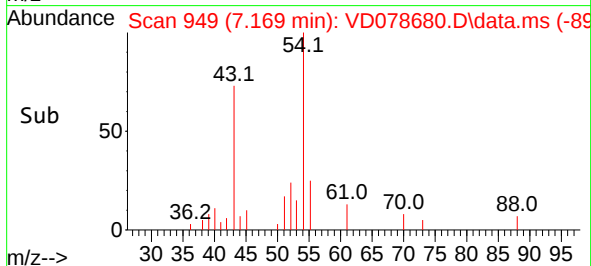
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



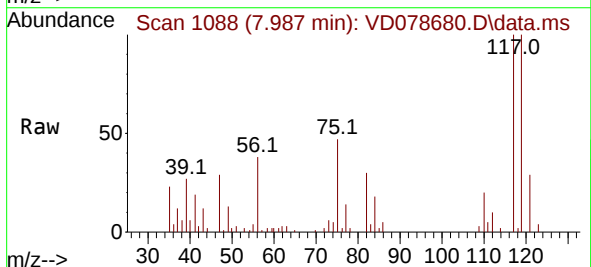
Tgt Ion: 43 Resp: 12529
Ion Ratio Lower Upper
43 100
61 15.4 14.6 21.8
70 13.0 9.4 14.0

Manual Integrations
APPROVED

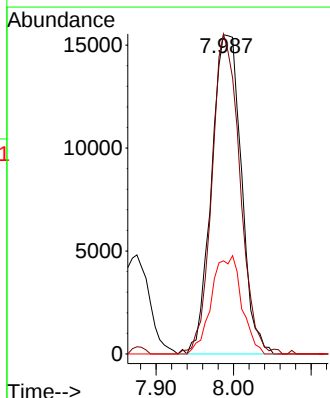
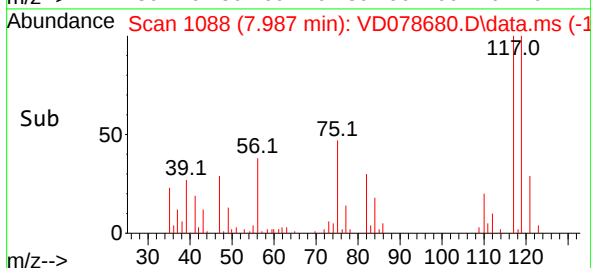
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024

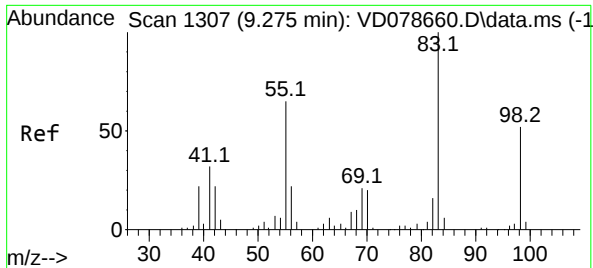


#38
Carbon Tetrachloride
Concen: 20.250 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23



Tgt Ion:117 Resp: 41425
Ion Ratio Lower Upper
117 100
119 100.2 79.2 118.8
121 29.2 26.8 40.2





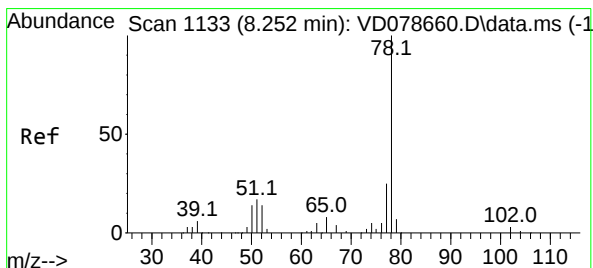
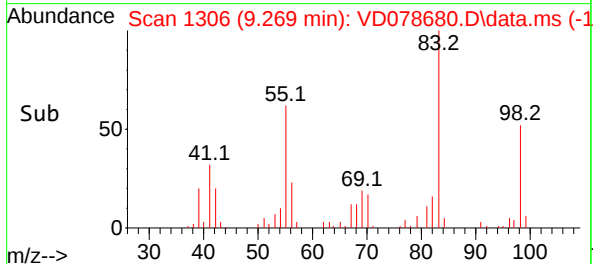
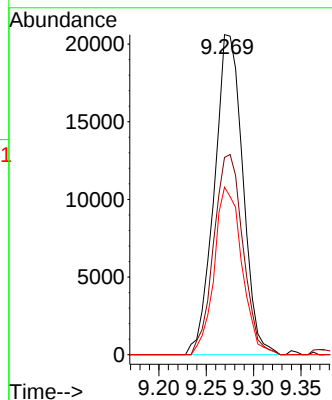
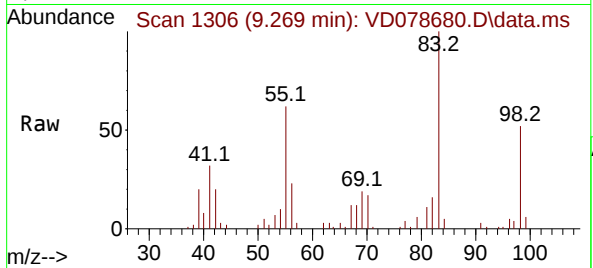
#39
Methylcyclohexane
Concen: 19.173 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 83 Resp: 43158
Ion Ratio Lower Upper
83 100
55 61.7 51.7 77.5
98 52.3 41.4 62.0

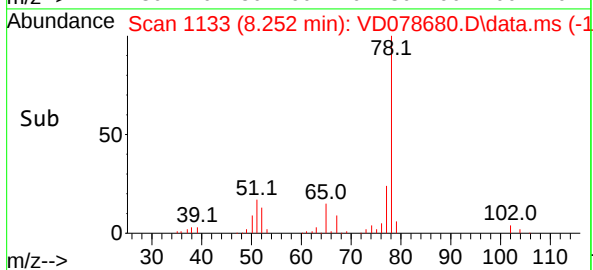
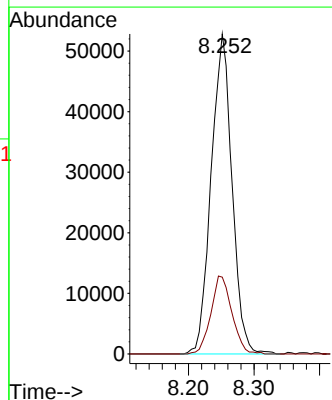
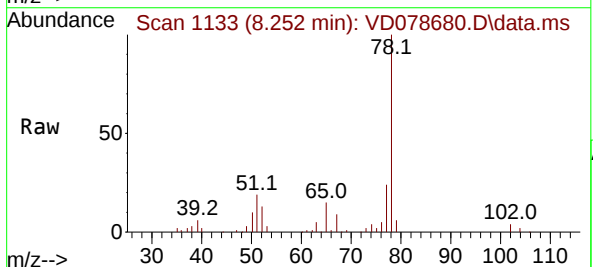
Manual Integrations
APPROVED

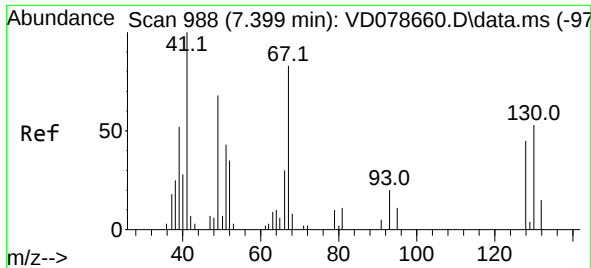
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#40
Benzene
Concen: 19.856 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

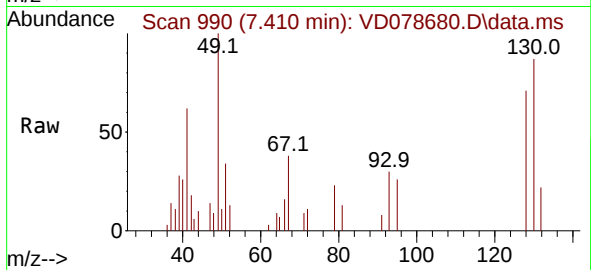
Tgt Ion: 78 Resp: 116471
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6





#41
Methacrylonitrile
Concen: 21.131 ug/l m
RT: 7.410 min Scan# 990
Delta R.T. 0.012 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

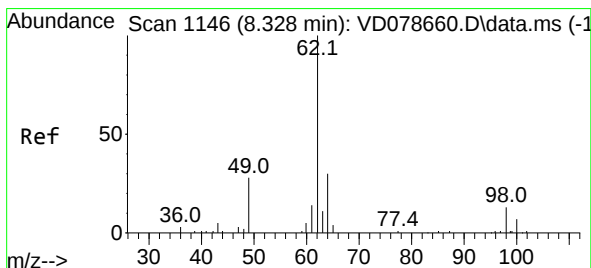
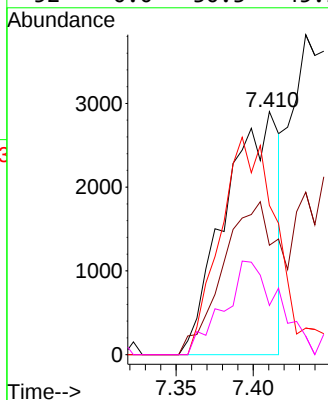
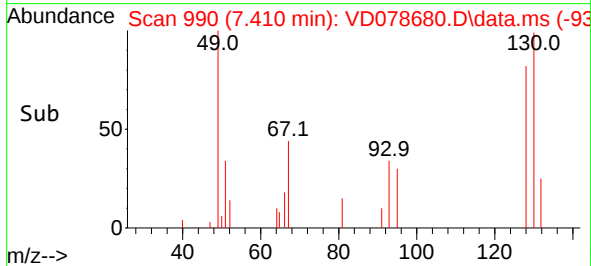
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 41 Resp: 7020
Ion Ratio Lower Upper
41 100
39 74.0 39.8 59.6
67 0.0 83.5 125.3
52 0.0 30.3 45.5#

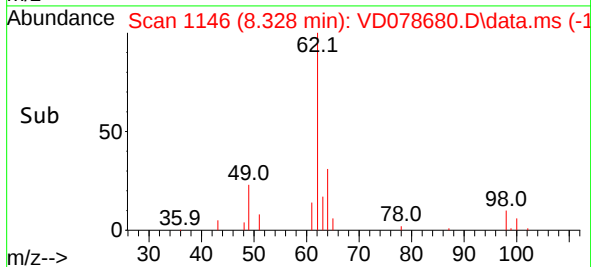
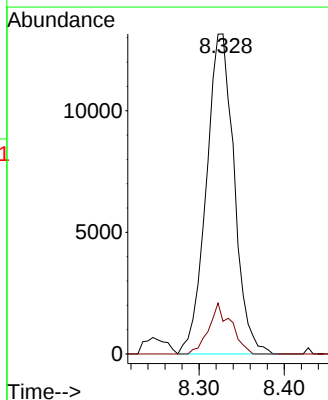
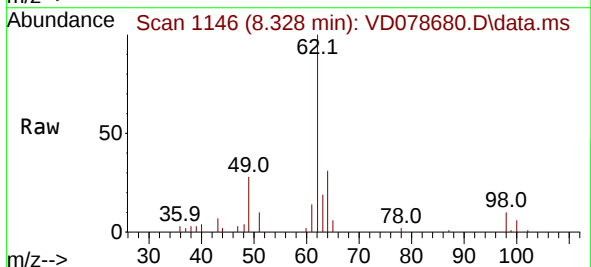
Manual Integrations
APPROVED

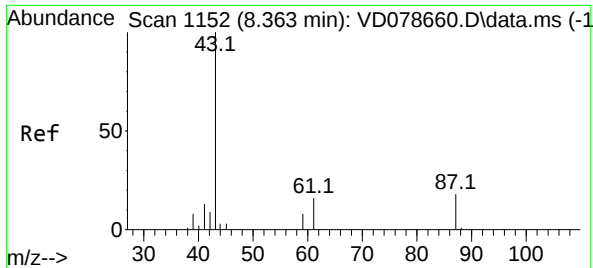
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#42
1,2-Dichloroethane
Concen: 20.900 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 62 Resp: 29897
Ion Ratio Lower Upper
62 100
98 12.8 0.0 23.8





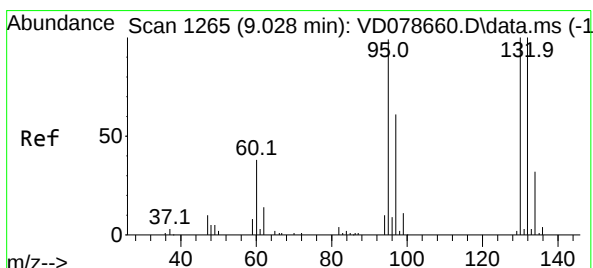
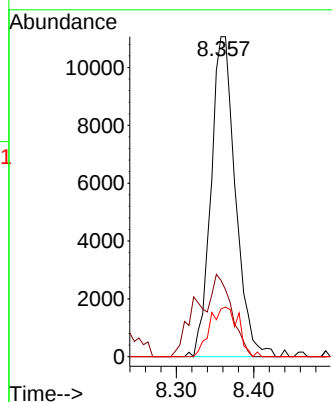
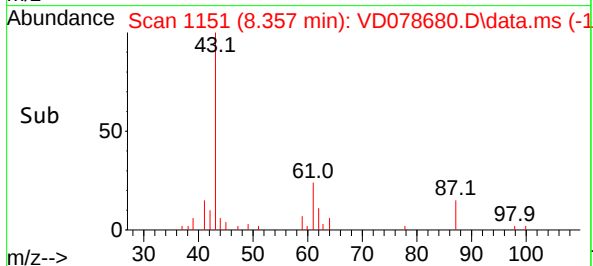
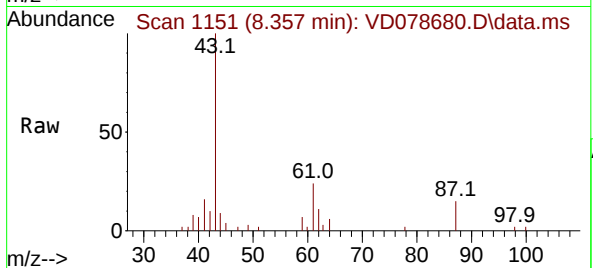
#43
Isopropyl Acetate
Concen: 21.045 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
61 21.1 30.1 45.1
87 18.2 14.4 21.6

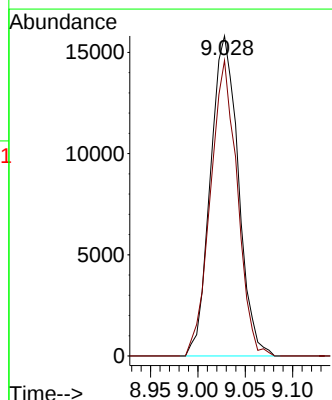
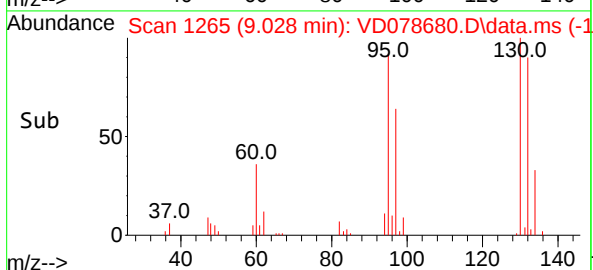
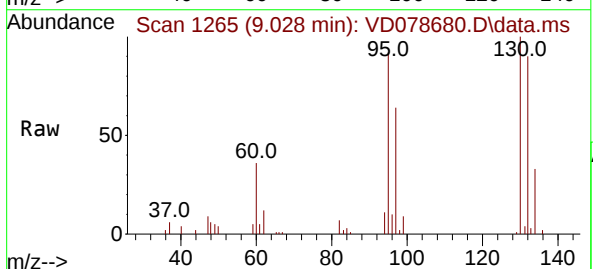
Manual Integrations
APPROVED

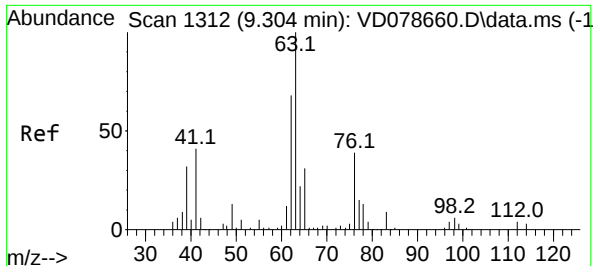
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#44
Trichloroethene
Concen: 20.349 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:130 Resp: 32393
Ion Ratio Lower Upper
130 100
95 92.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 20.592 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

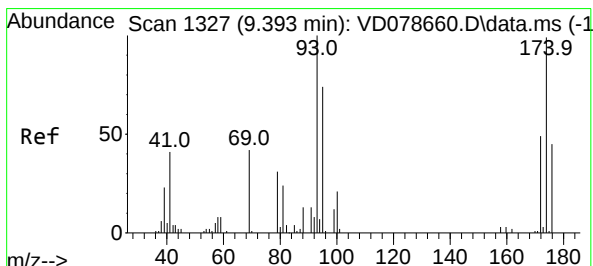
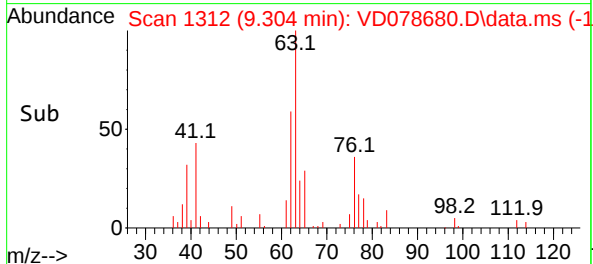
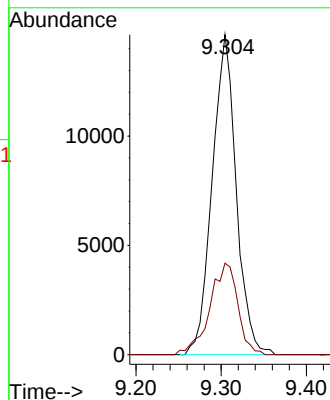
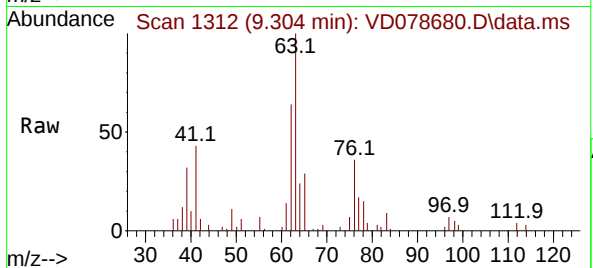
VD0315SBS01

Tgt Ion: 63 Resp: 28654
 Ion Ratio Lower Upper
 63 100
 65 28.6 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
 Supervised By :Semsettin Yesilyurt 03/18/2024



#46

Dibromomethane

Concen: 20.626 ug/l

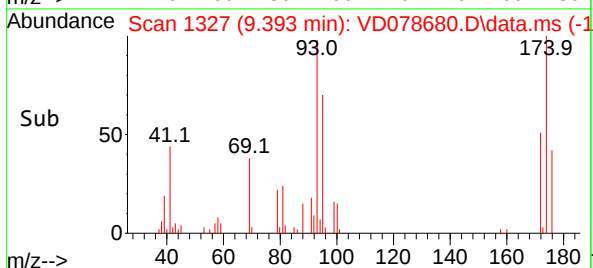
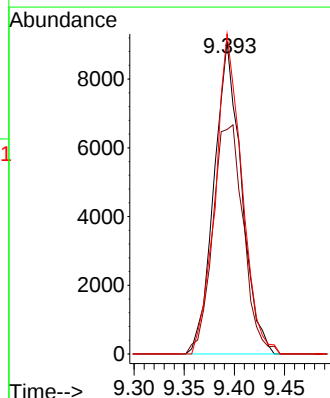
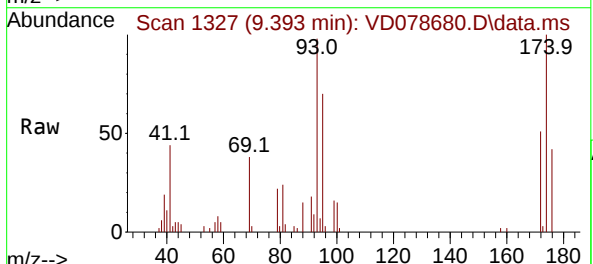
RT: 9.393 min Scan# 1327

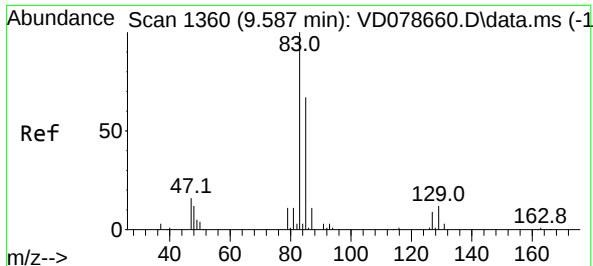
Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Tgt Ion: 93 Resp: 17205
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.3 100.9
 174 99.3 80.9 121.3





#47

Bromodichloromethane

Concen: 20.797 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

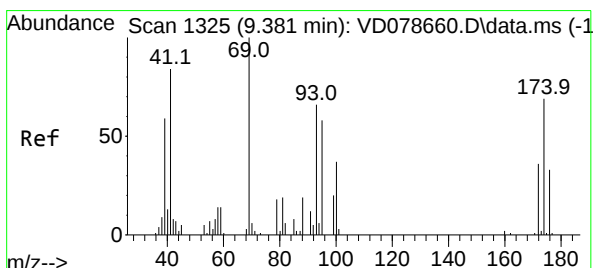
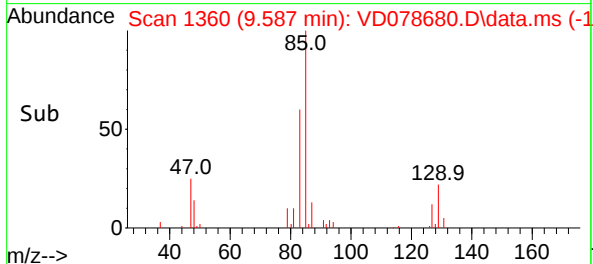
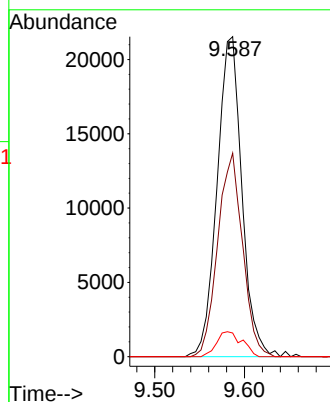
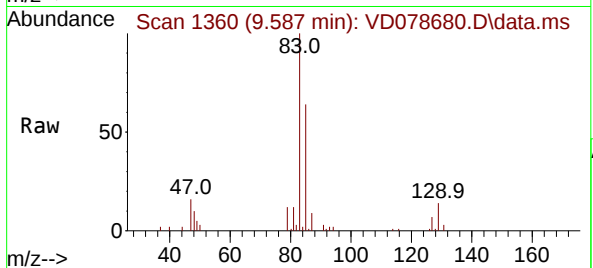
VD0315SBS01

Tgt Ion:	83	Resp:	41290
Ion	Ratio	Lower	Upper
83	100		
85	63.6	54.0	81.0
127	7.4	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#48

Methyl methacrylate

Concen: 19.420 ug/l

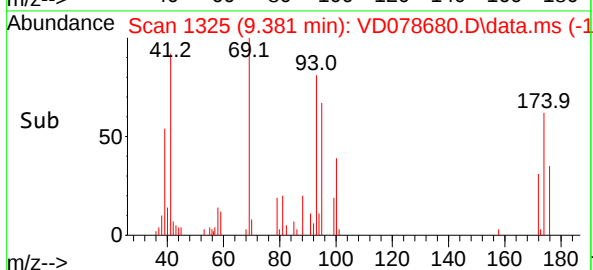
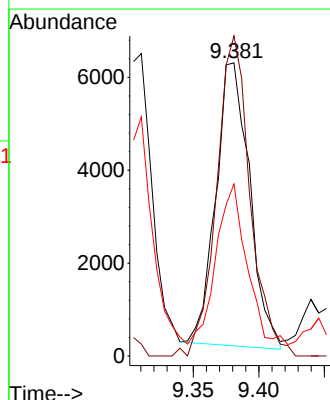
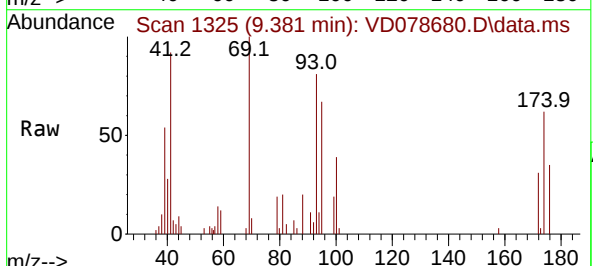
RT: 9.381 min Scan# 1325

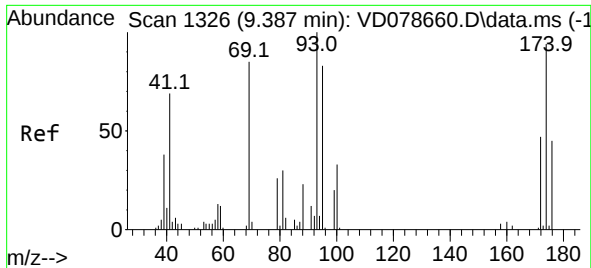
Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

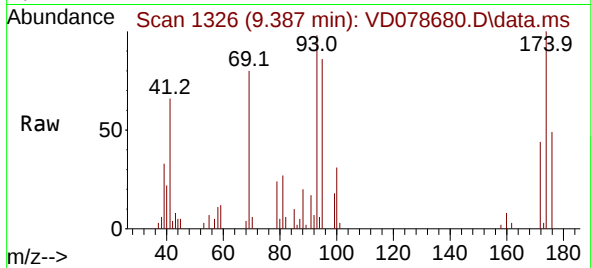
Tgt Ion:	41	Resp:	10909
Ion	Ratio	Lower	Upper
41	100		
69	112.4	88.3	132.5
39	53.6	46.6	69.8





#49
1,4-Dioxane
Concen: 429.230 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

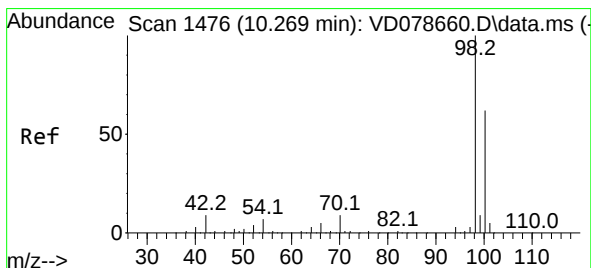
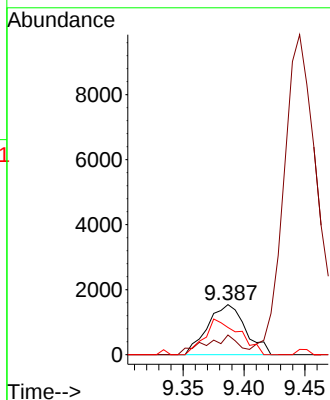
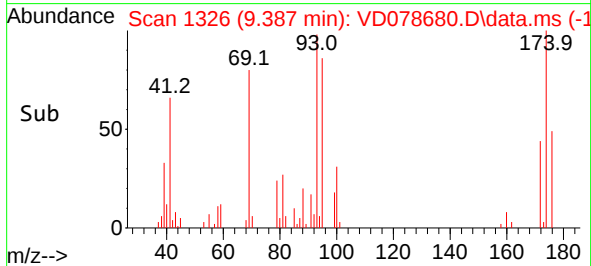
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 88 Resp: 331
Ion Ratio Lower Upper
88 100
43 34.6 23.2 34.8
58 65.1 51.0 76.6

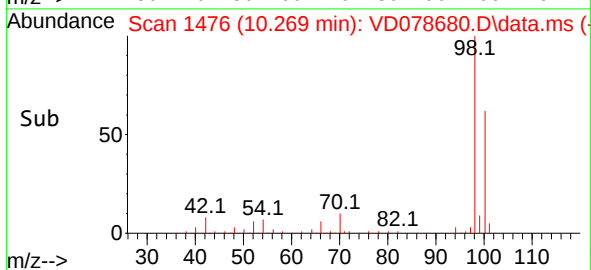
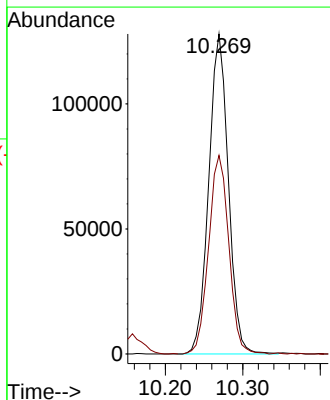
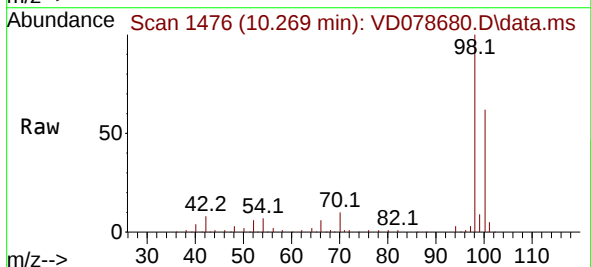
Manual Integrations
APPROVED

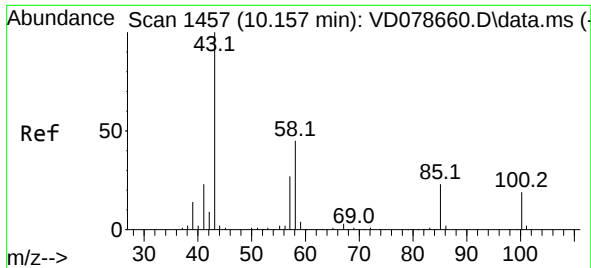
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#50
Toluene-d8
Concen: 45.667 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

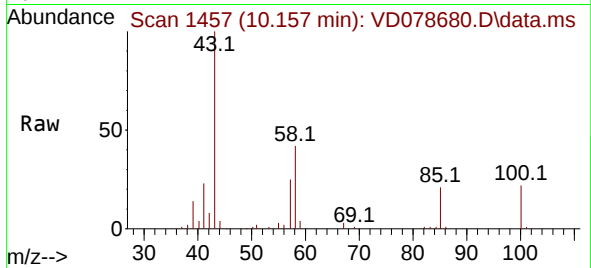
Tgt Ion: 98 Resp: 224615
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7





#51
4-Methyl-2-Pentanone
Concen: 111.093 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

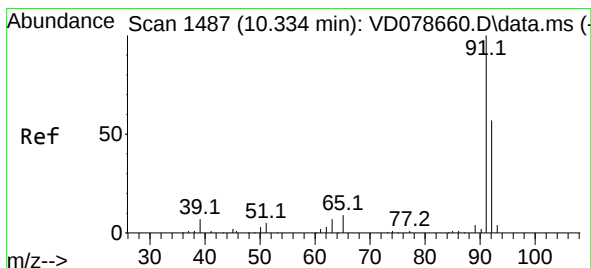
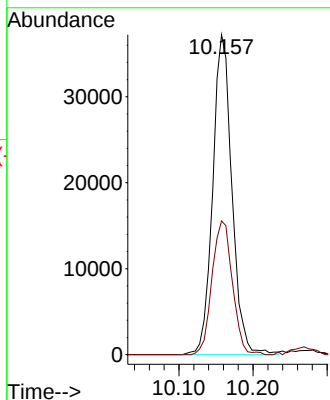
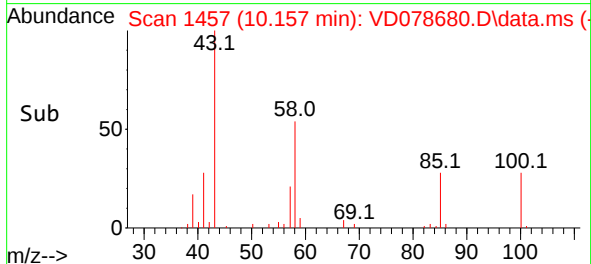
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 43 Resp: 6695
Ion Ratio Lower Upper
43 100
58 44.3 36.4 54.6

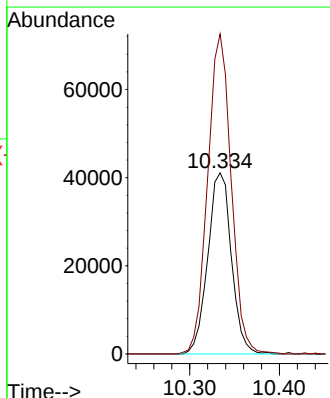
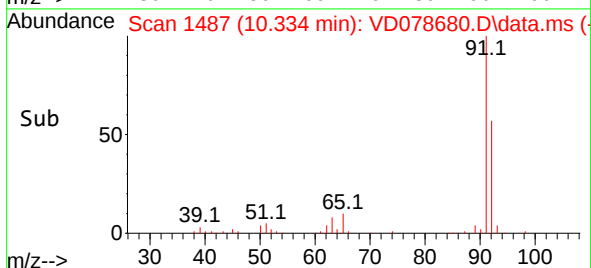
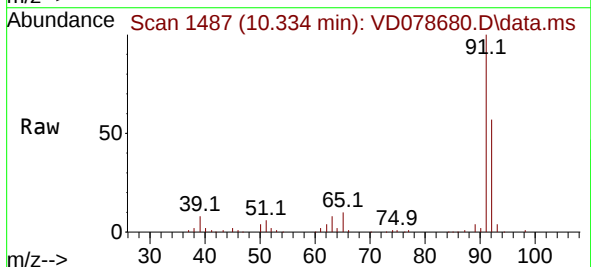
Manual Integrations
APPROVED

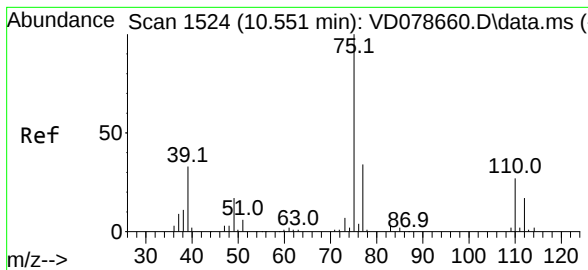
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#52
Toluene
Concen: 19.915 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

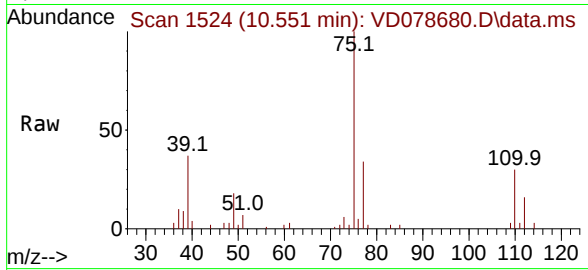
Tgt Ion: 92 Resp: 75209
Ion Ratio Lower Upper
92 100
91 175.7 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 19.829 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

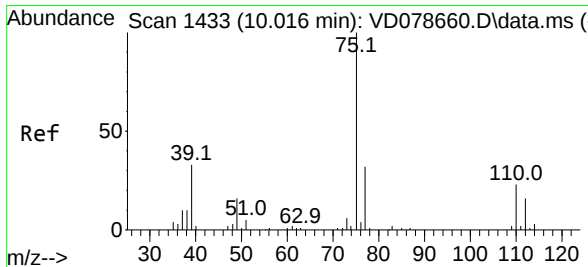
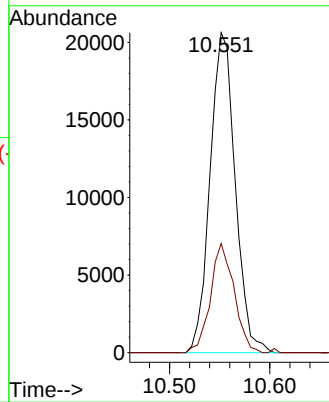
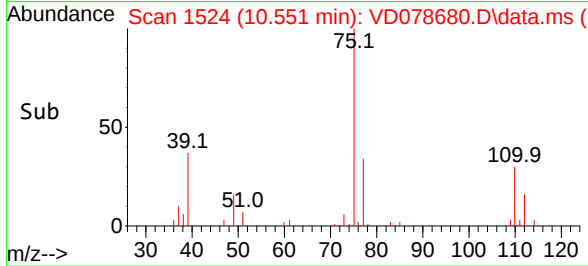
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 75 Resp: 3600
Ion Ratio Lower Upper
75 100
77 34.1 27.1 40.7

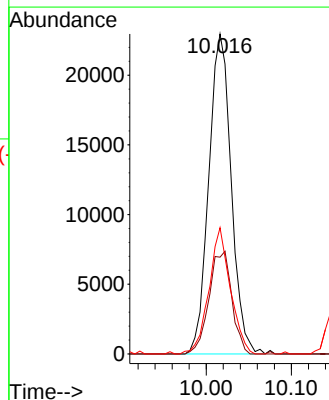
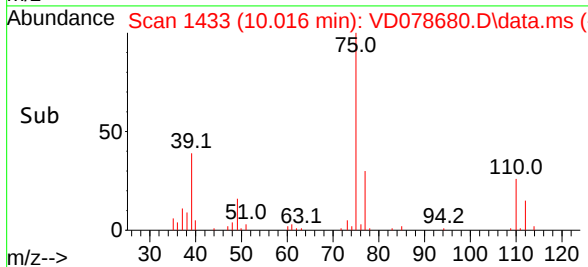
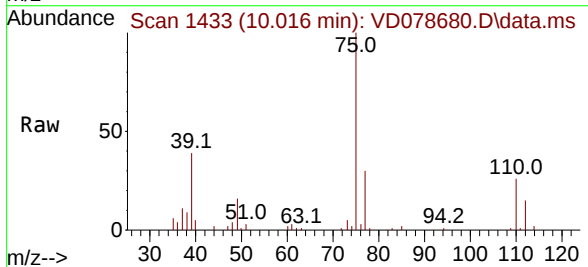
Manual Integrations
APPROVED

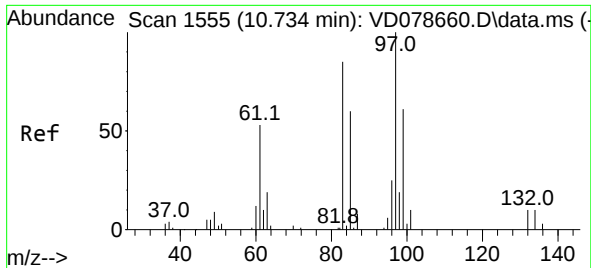
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#54
cis-1,3-Dichloropropene
Concen: 19.274 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

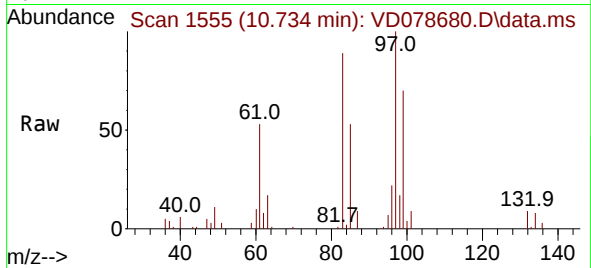
Tgt Ion: 75 Resp: 42066
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0
39 39.5 26.7 40.1





#55
1,1,2-Trichloroethane
Concen: 21.517 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

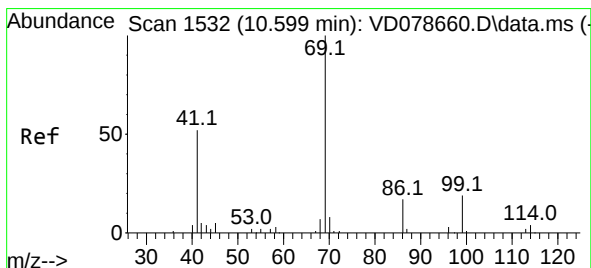
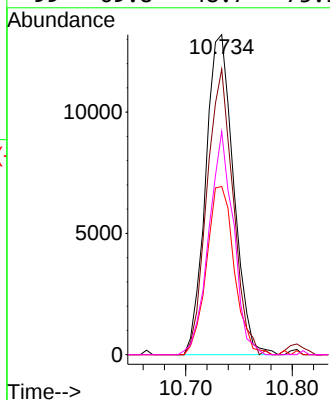
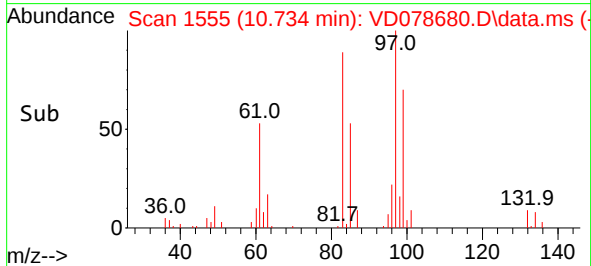
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.1	102.1
85	52.6	48.2	72.2
99	69.8	48.7	73.1

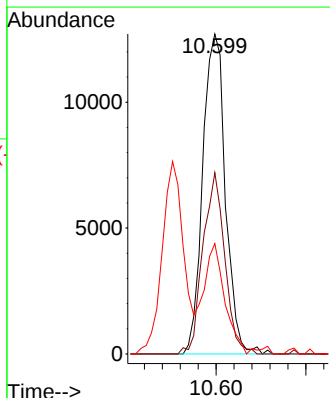
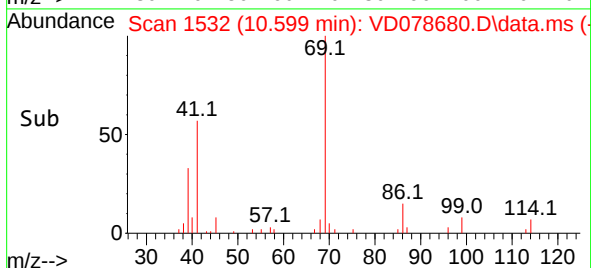
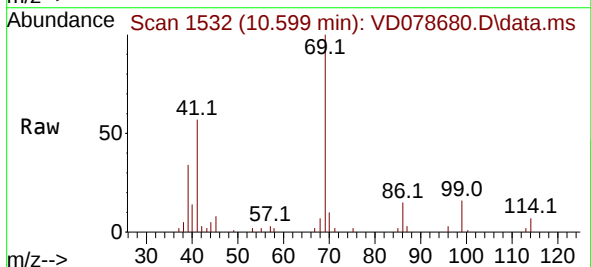
Manual Integrations
APPROVED

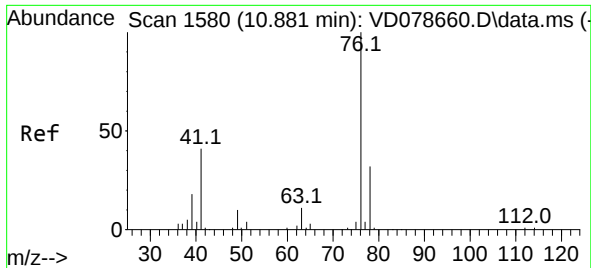
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#56
Ethyl methacrylate
Concen: 19.914 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.6	40.9	61.3
39	30.8	25.5	38.3





#57

1,3-Dichloropropane

Concen: 20.172 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion: 76 Resp: 3635

Ion Ratio Lower Upper

76 100

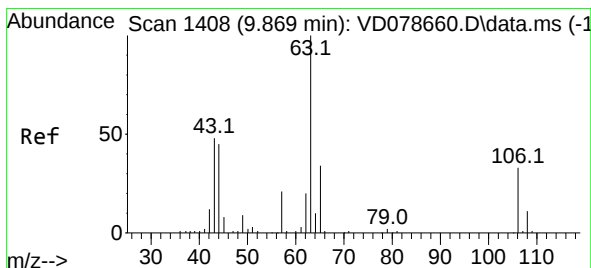
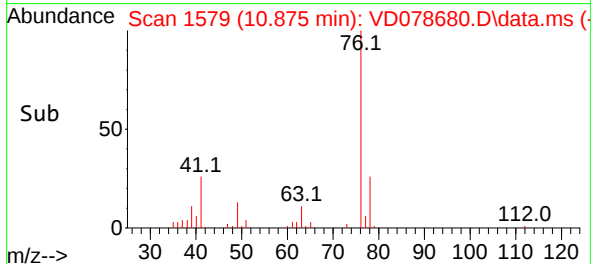
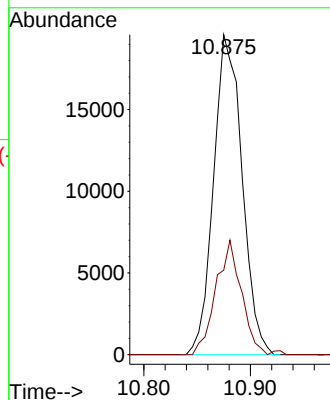
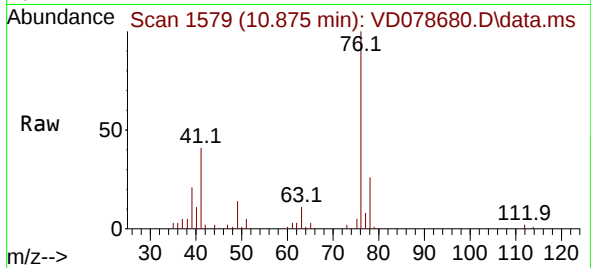
78 32.0 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024

Supervised By :Semsettin Yesilyurt 03/18/2024



#58

2-Chloroethyl Vinyl ether

Concen: 105.073 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078680.D

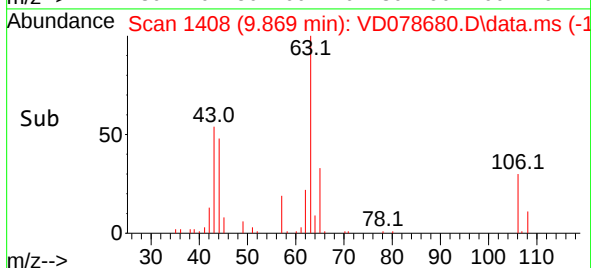
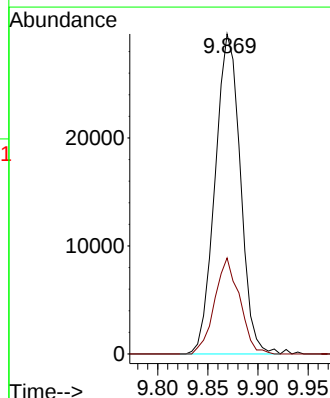
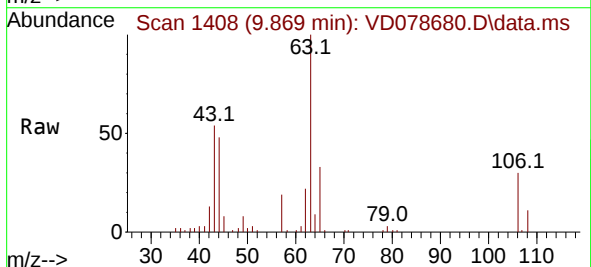
Acq: 15 Mar 2024 11:23

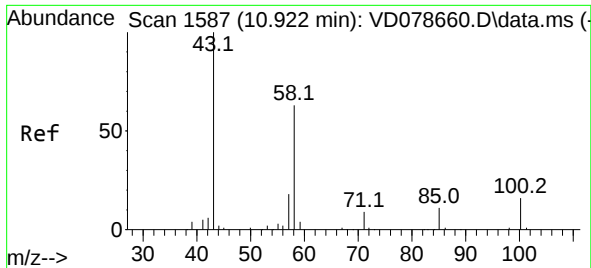
Tgt Ion: 63 Resp: 51880

Ion Ratio Lower Upper

63 100

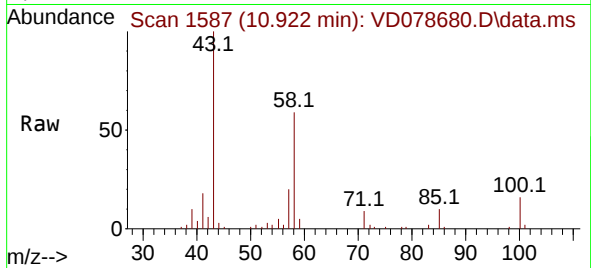
106 29.8 25.2 37.8





#59
2-Hexanone
Concen: 109.267 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

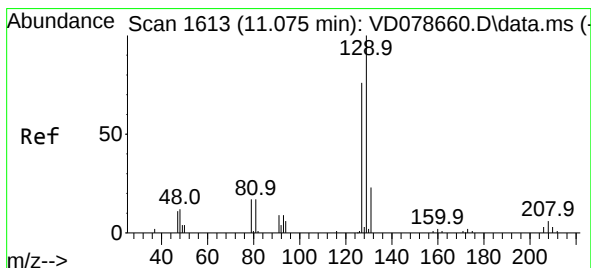
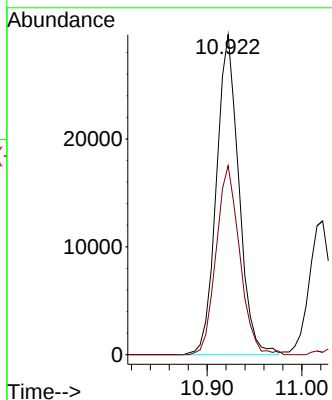
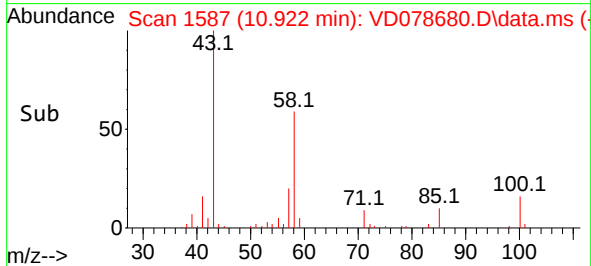
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 43 Resp: 48820
Ion Ratio Lower Upper
43 100
58 62.1 31.5 94.5

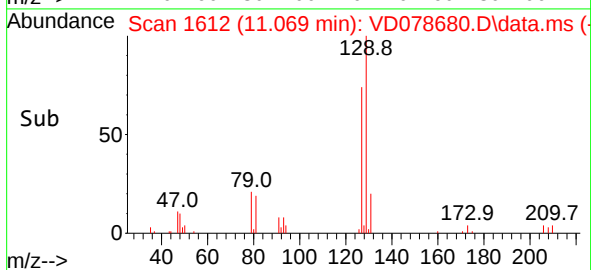
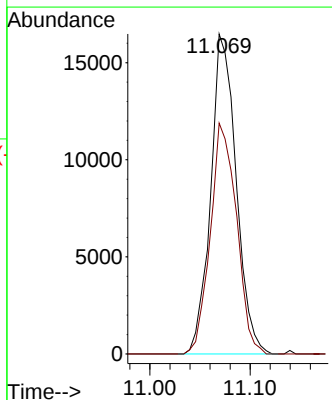
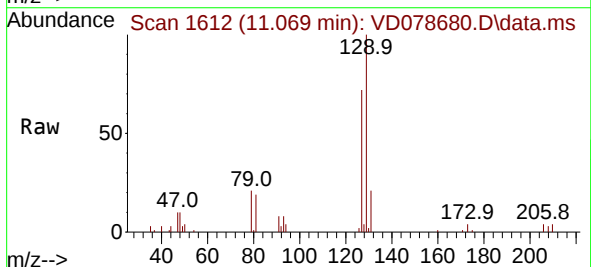
Manual Integrations
APPROVED

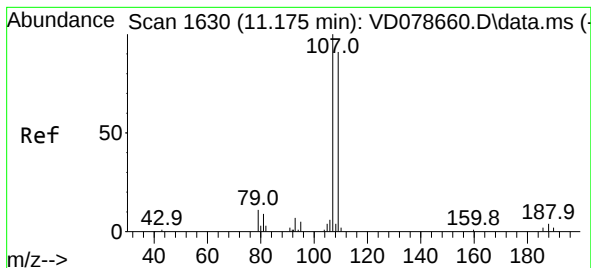
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#60
Dibromochloromethane
Concen: 21.085 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

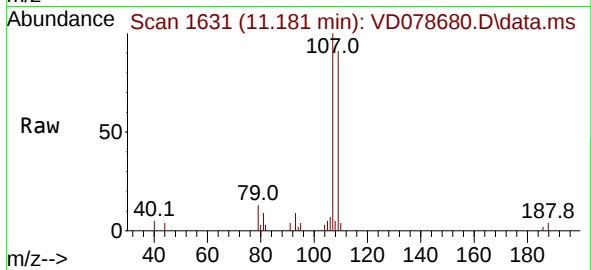
Tgt Ion:129 Resp: 29045
Ion Ratio Lower Upper
129 100
127 74.1 38.8 116.3





#61
1,2-Dibromoethane
Concen: 20.440 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

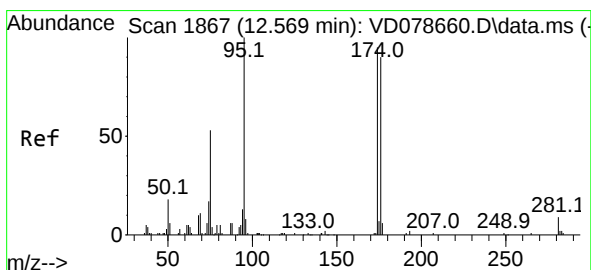
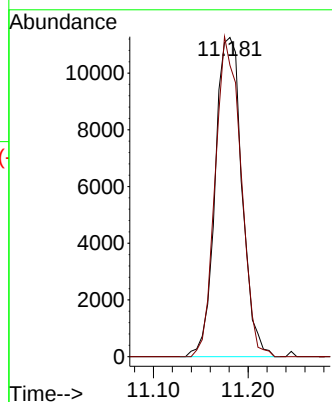
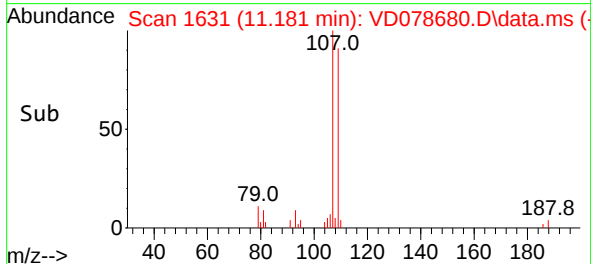
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



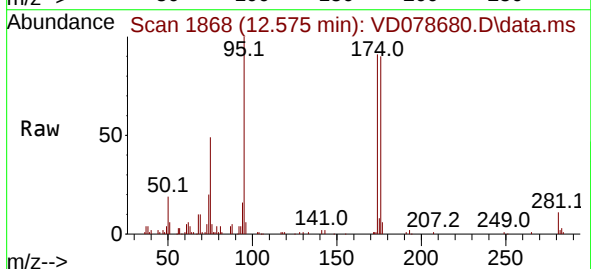
Tgt Ion:107 Resp: 2209
Ion Ratio Lower Upper
107 100
109 96.3 74.8 112.2

Manual Integrations
APPROVED

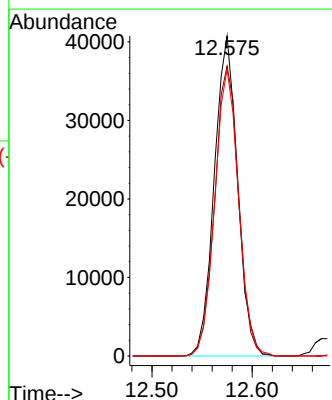
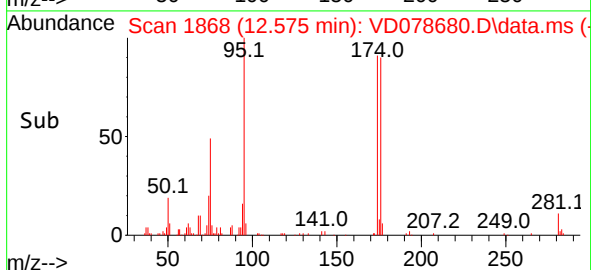
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024

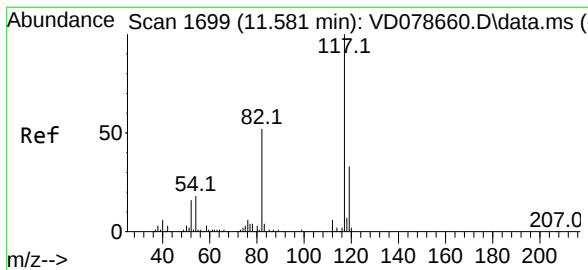


#62
4-Bromofluorobenzene
Concen: 45.469 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23



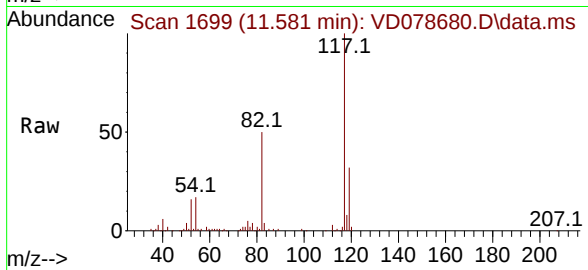
Tgt Ion: 95 Resp: 65427
Ion Ratio Lower Upper
95 100
174 93.0 0.0 195.2
176 91.5 0.0 188.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

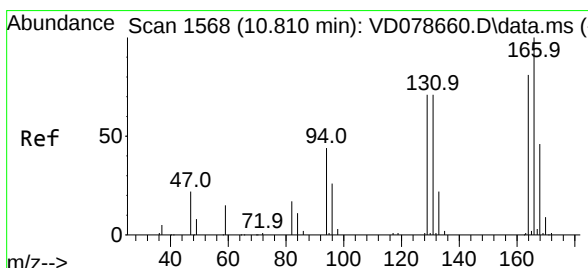
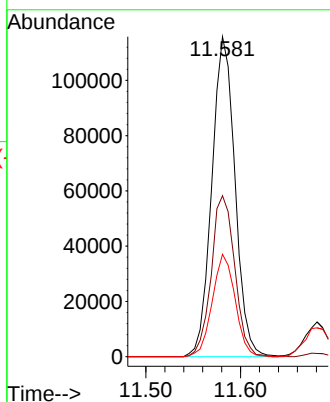
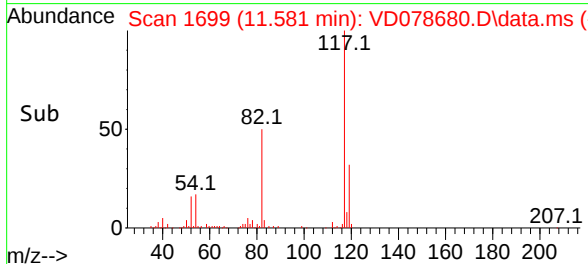
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



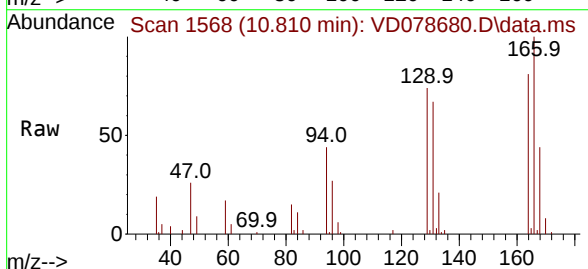
Tgt Ion:117 Resp: 196830
Ion Ratio Lower Upper
117 100
82 50.3 41.4 62.2
119 32.0 26.5 39.7

Manual Integrations
APPROVED

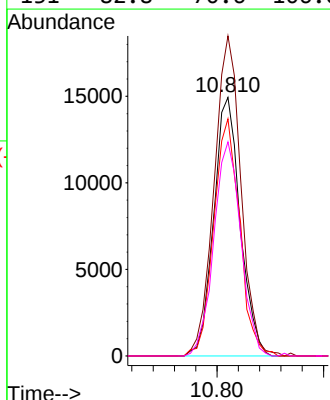
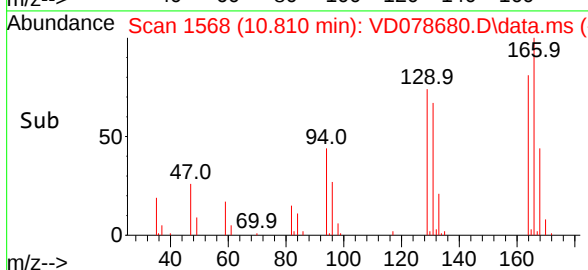
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024

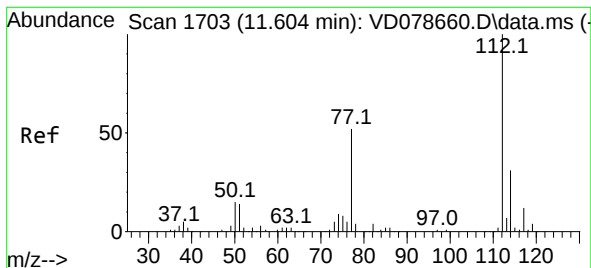


#64
Tetrachloroethene
Concen: 19.761 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23



Tgt Ion:164 Resp: 25740
Ion Ratio Lower Upper
164 100
166 123.7 98.9 148.3
129 91.7 70.3 105.5
131 82.8 70.6 106.0





#65

Chlorobenzene

Concen: 19.882 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion:112 Resp: 8177

Ion Ratio Lower Upper

112 100

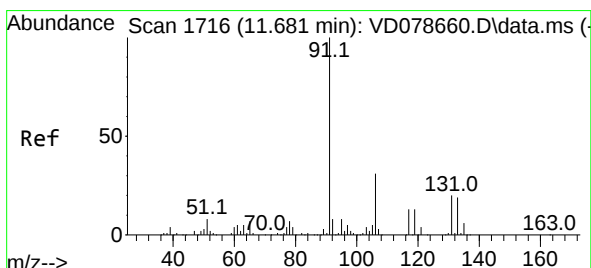
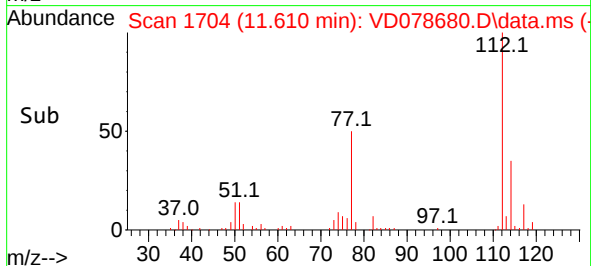
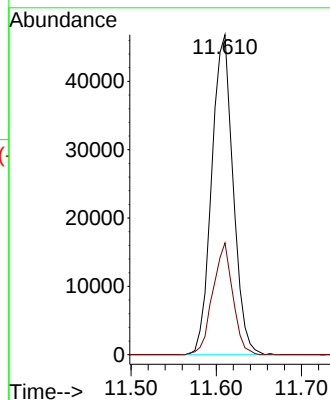
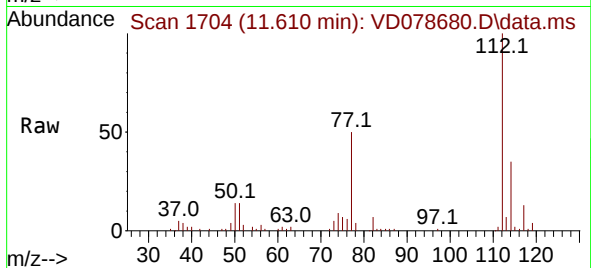
114 34.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024

Supervised By :Semsettin Yesilyurt 03/18/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.482 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

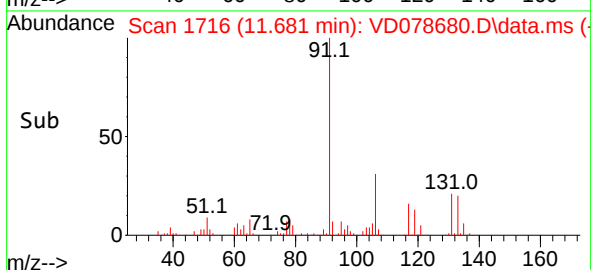
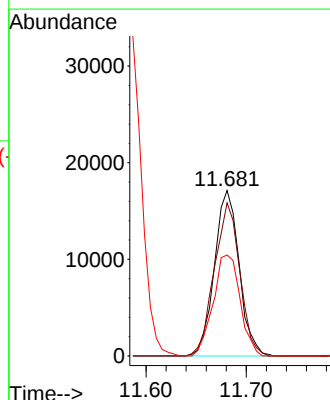
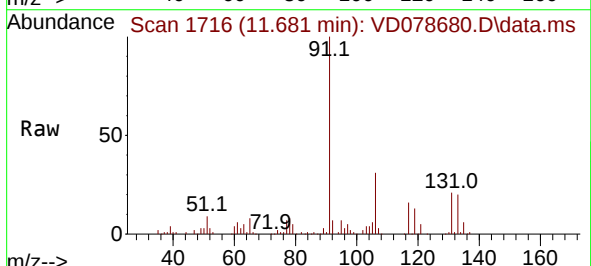
Tgt Ion:131 Resp: 29347

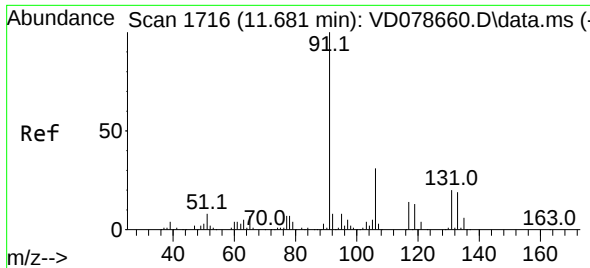
Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.9

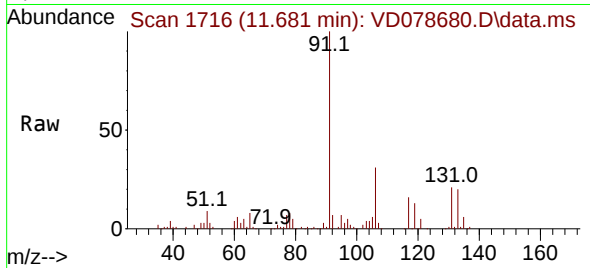
119 66.3 34.1 102.3





#67
Ethyl Benzene
Concen: 18.853 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

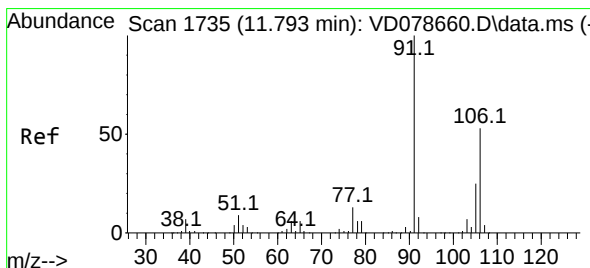
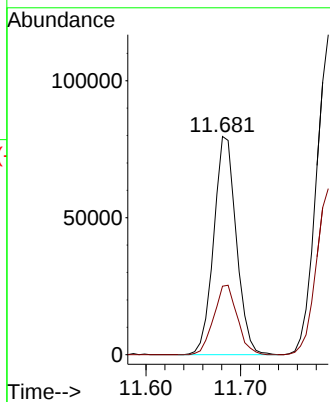
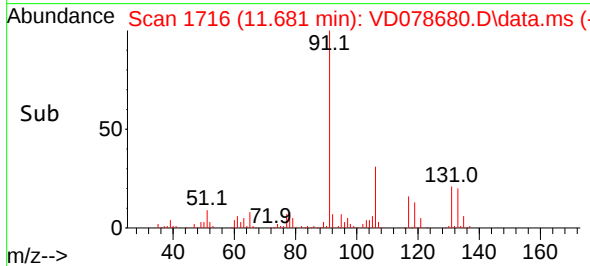
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 91 Resp: 132144
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7

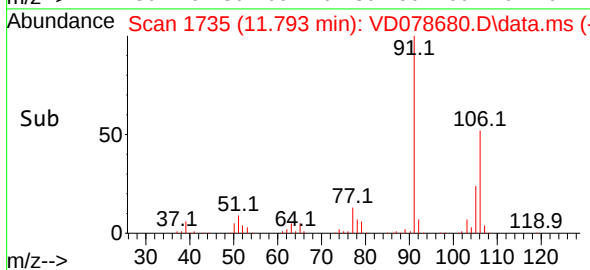
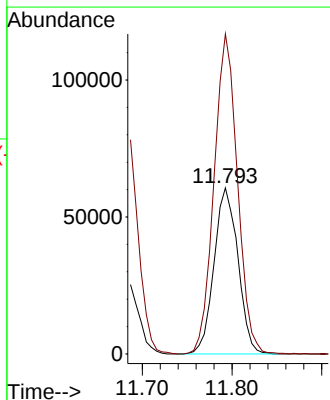
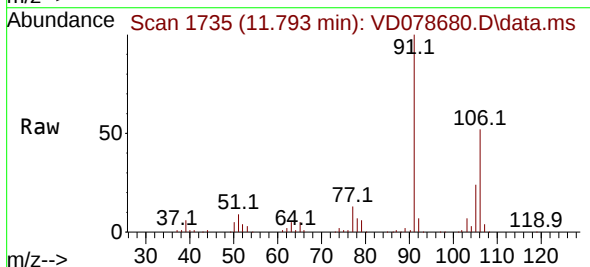
Manual Integrations
APPROVED

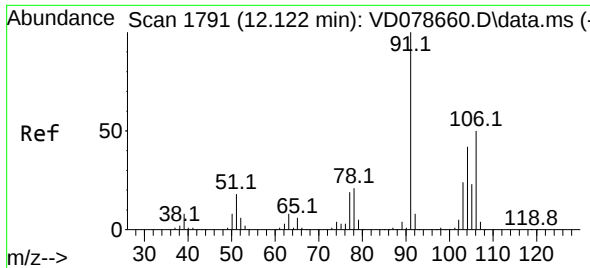
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#68
m/p-Xylenes
Concen: 39.297 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:106 Resp: 111846
Ion Ratio Lower Upper
106 100
91 189.2 154.4 231.6





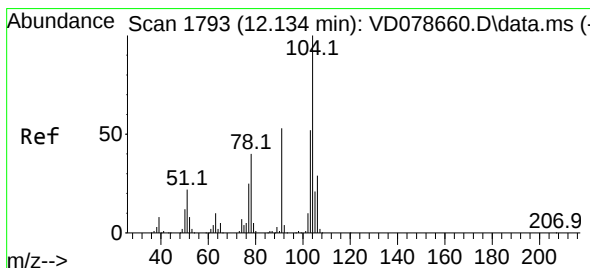
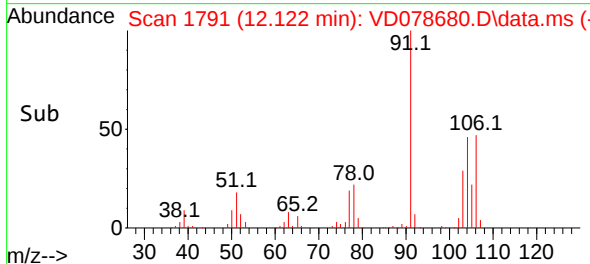
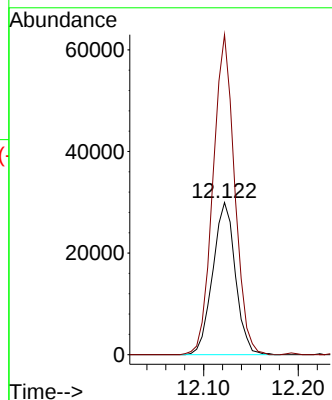
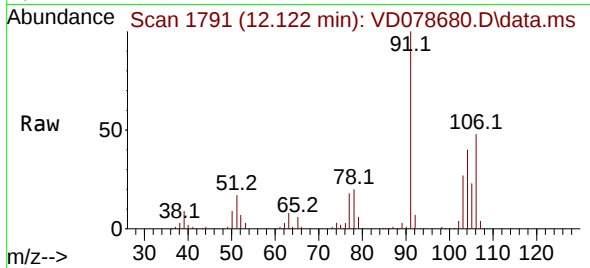
#69
o-Xylene
Concen: 18.872 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:106 Resp: 49690
Ion Ratio Lower Upper
106 100
91 201.0 99.6 298.7

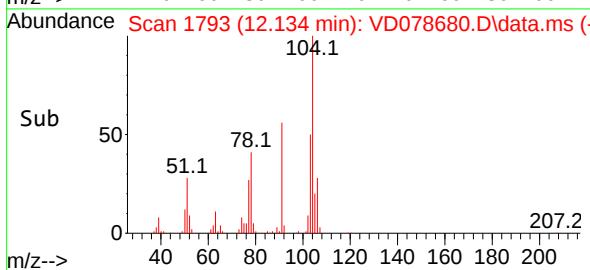
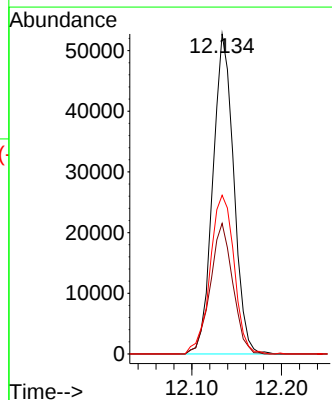
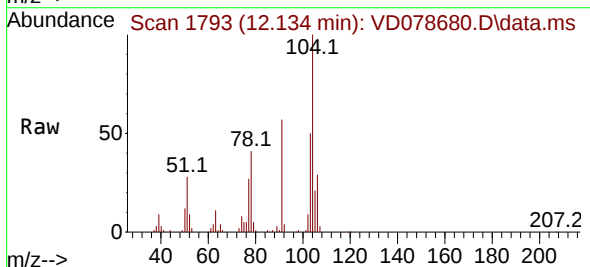
Manual Integrations
APPROVED

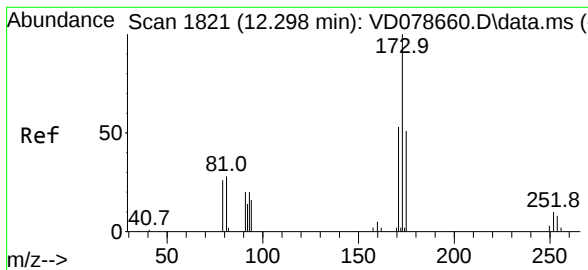
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#70
Styrene
Concen: 19.303 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

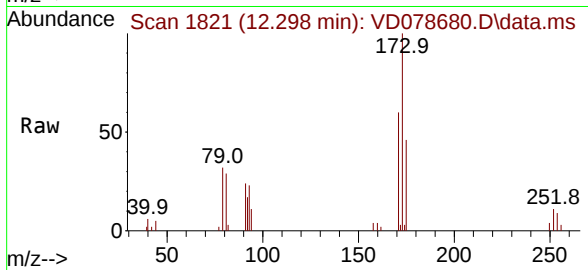
Tgt Ion:104 Resp: 85317
Ion Ratio Lower Upper
104 100
78 43.8 34.6 52.0
103 56.9 44.2 66.2





#71
Bromoform
Concen: 21.293 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

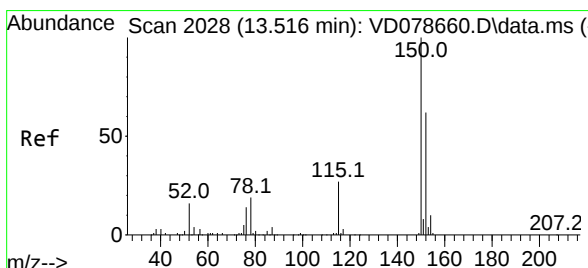
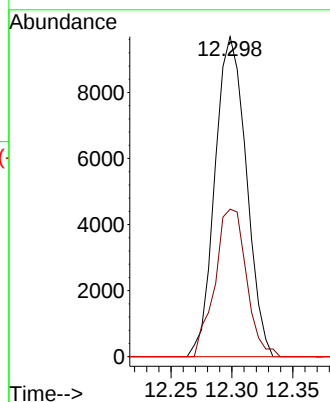
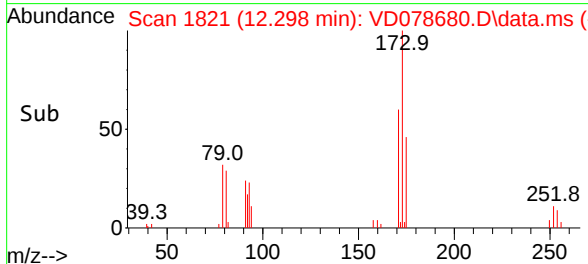
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



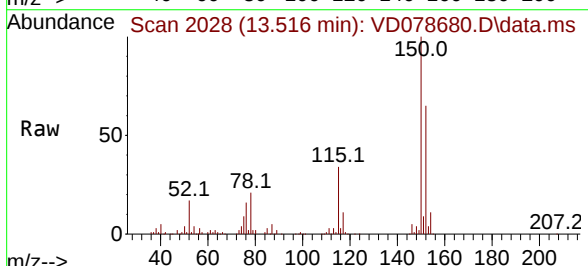
Tgt Ion:173 Resp: 17334
Ion Ratio Lower Upper
173 100
175 46.4 25.8 77.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

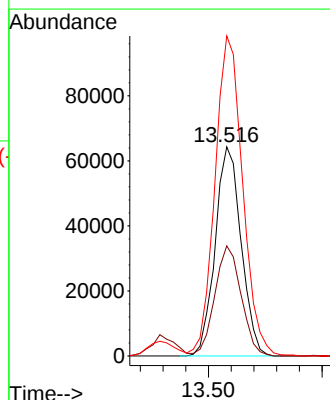
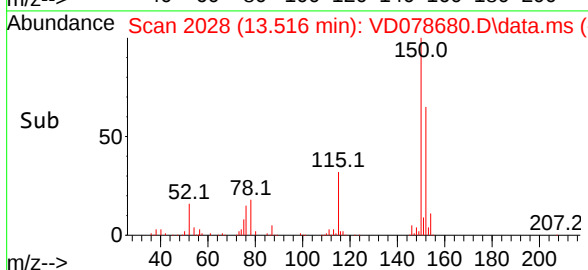
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024

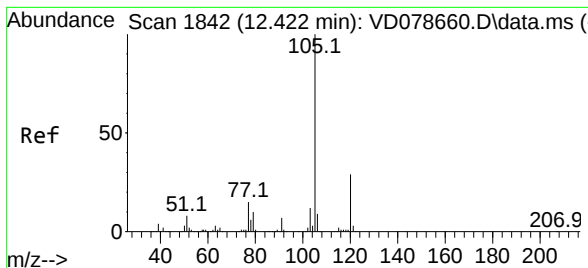


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23



Tgt Ion:152 Resp: 101999
Ion Ratio Lower Upper
152 100
115 53.5 27.1 81.2
150 163.4 0.0 350.2





#73

Isopropylbenzene

Concen: 18.968 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

Tgt Ion:105 Resp: 12738

Ion Ratio Lower Upper

105 100

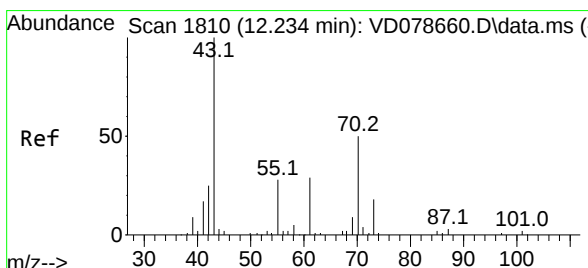
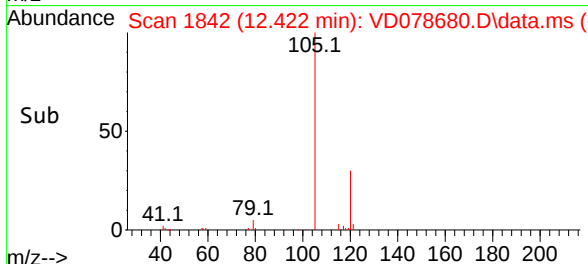
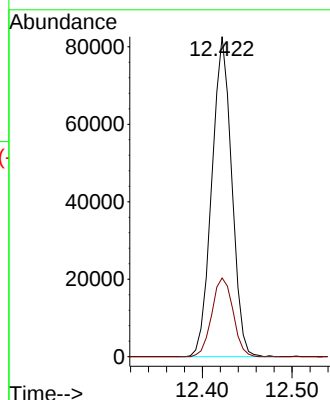
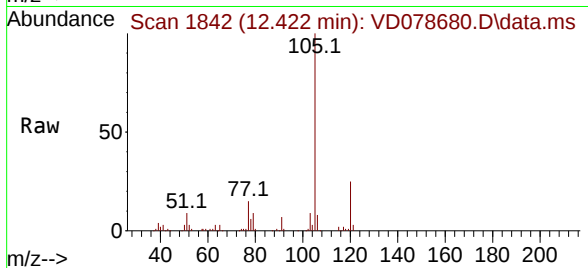
120 26.2 13.7 41.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024

Supervised By :Semsettin Yesilyurt 03/18/2024



#74

N-amy1 acetate

Concen: 20.970 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Tgt Ion: 43 Resp: 22865

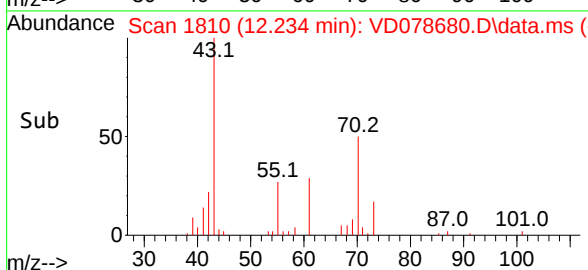
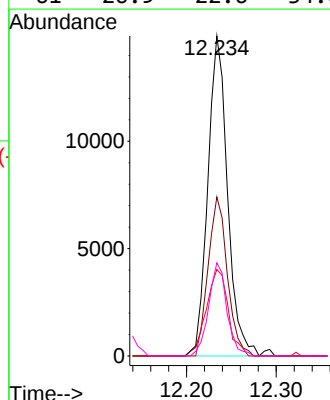
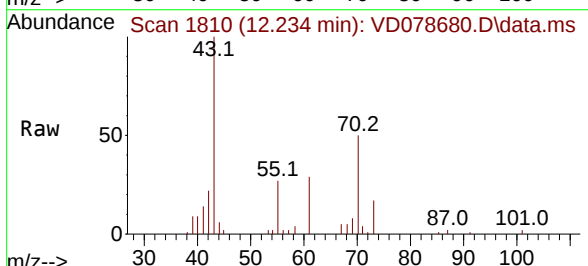
Ion Ratio Lower Upper

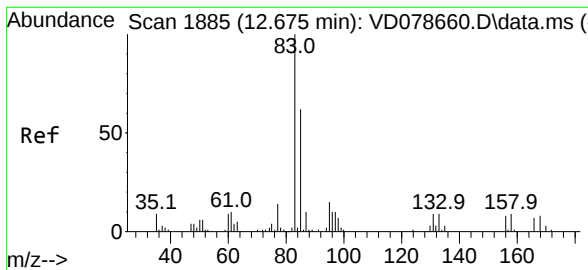
43 100

70 49.0 42.1 63.1

55 28.9 22.6 33.8

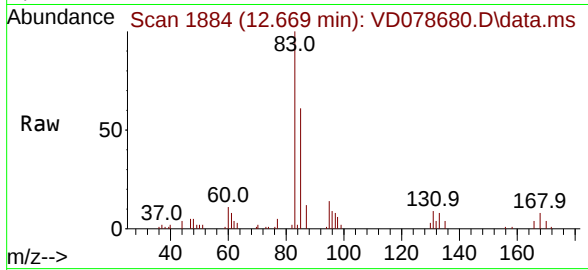
61 26.9 22.6 34.0





#75
1,1,2,2-Tetrachloroethane
Concen: 21.746 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

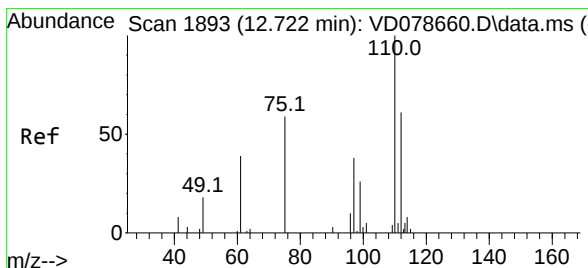
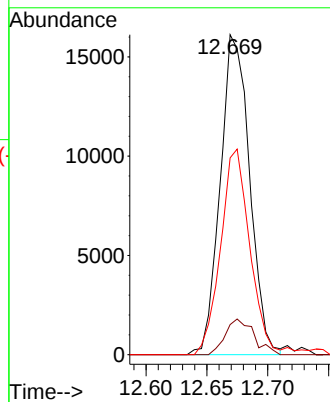
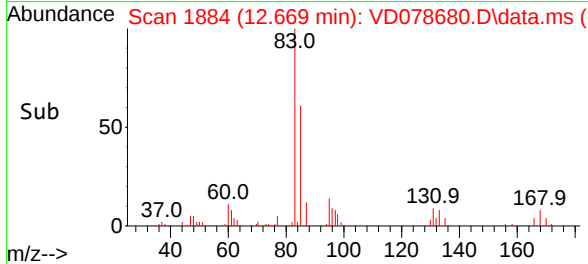
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 83 Resp: 27034
Ion Ratio Lower Upper
83 100
131 10.9 4.9 14.7
85 65.0 32.2 96.6

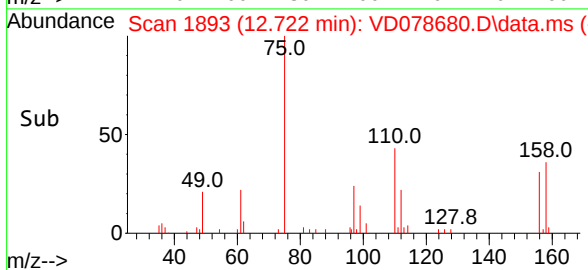
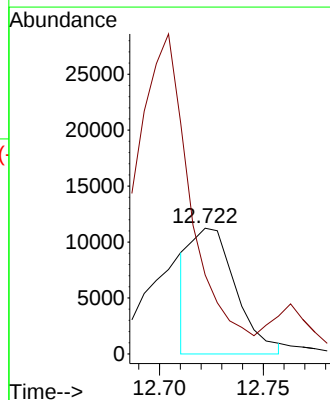
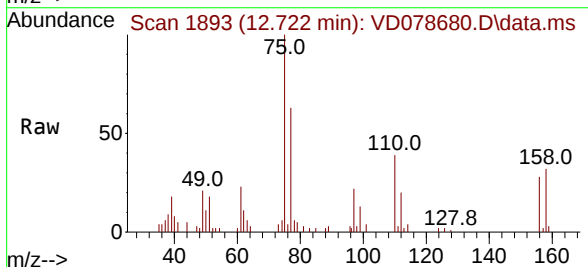
Manual Integrations
APPROVED

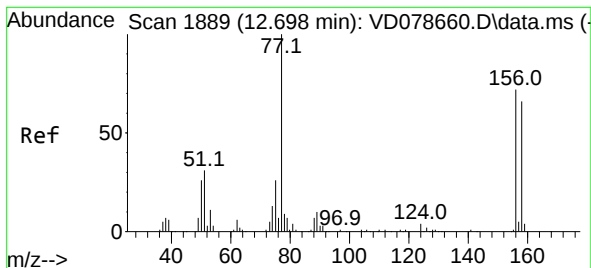
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#76
1,2,3-Trichloropropane
Concen: 21.788 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 75 Resp: 17122
Ion Ratio Lower Upper
75 100
77 311.8 0.0 0.0#





#77

Bromobenzene

Concen: 19.948 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

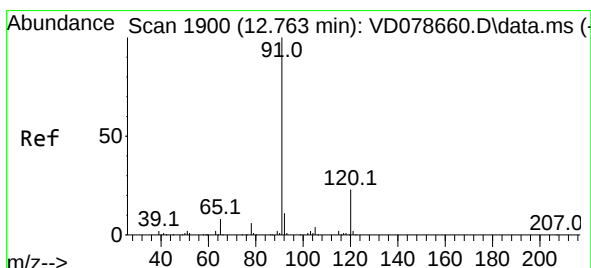
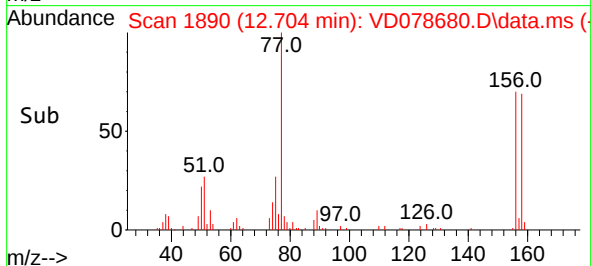
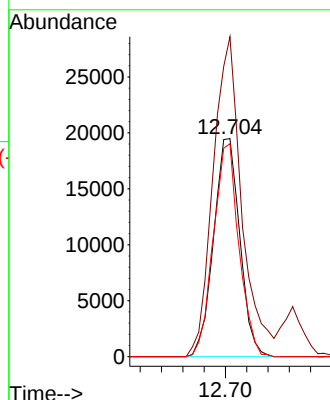
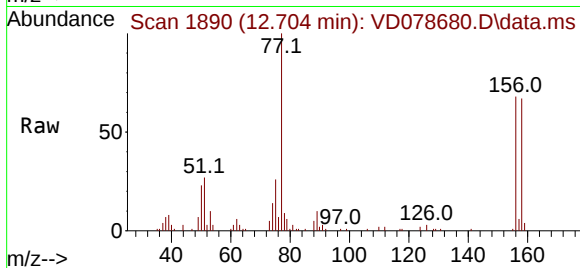
Tgt Ion:156 Resp: 3322

Ion	Ratio	Lower	Upper
156	100		
77	160.7	79.1	237.3
158	95.6	47.0	141.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#78

n-propylbenzene

Concen: 19.228 ug/l

RT: 12.763 min Scan# 1900

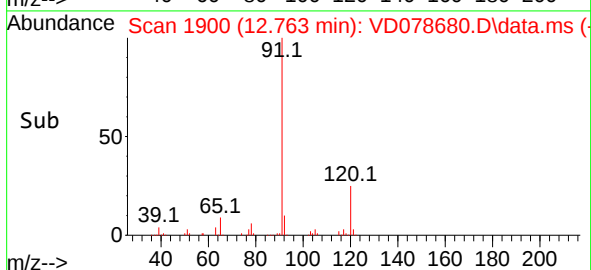
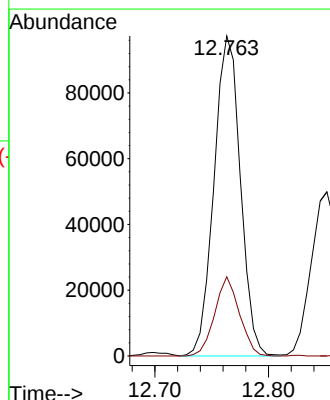
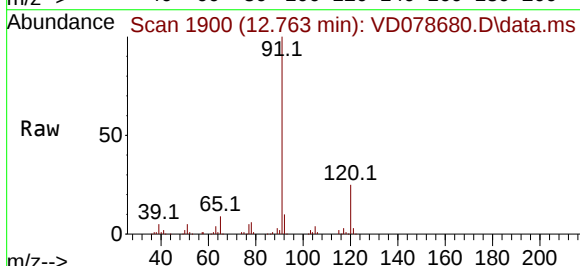
Delta R.T. 0.000 min

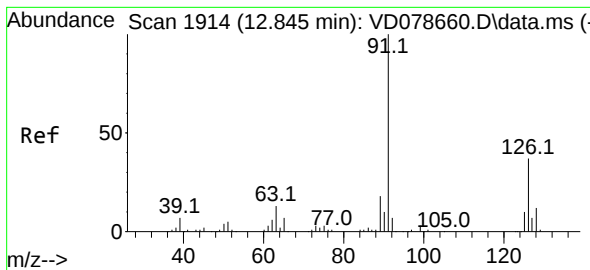
Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Tgt Ion: 91 Resp: 157183

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.7	35.1





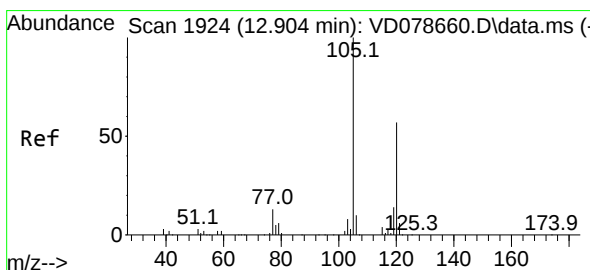
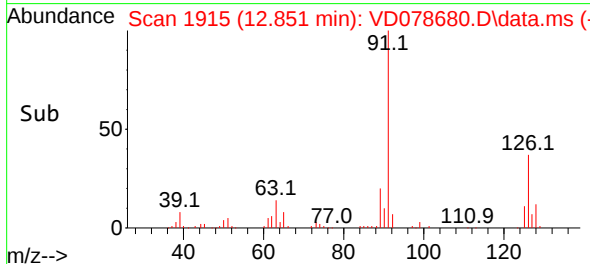
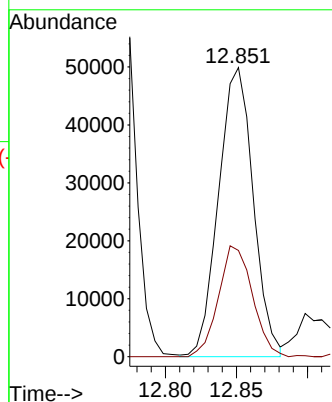
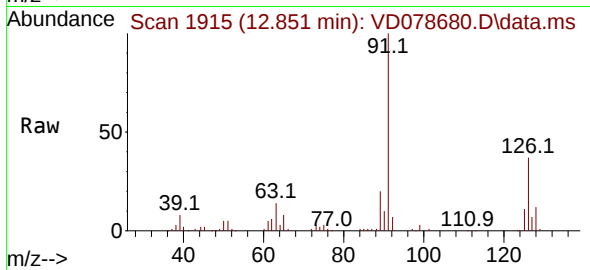
#79
2-Chlorotoluene
Concen: 18.929 ug/l
RT: 12.851 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 91 Resp: 8488
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.1

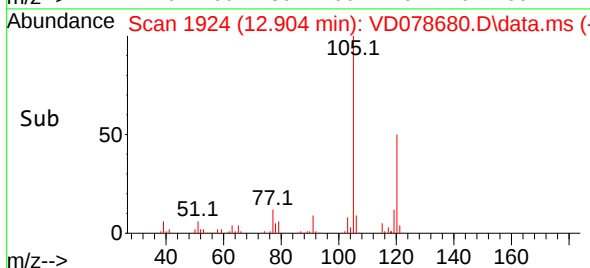
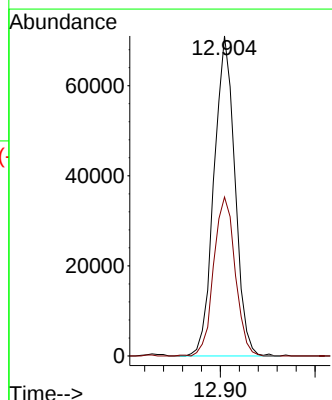
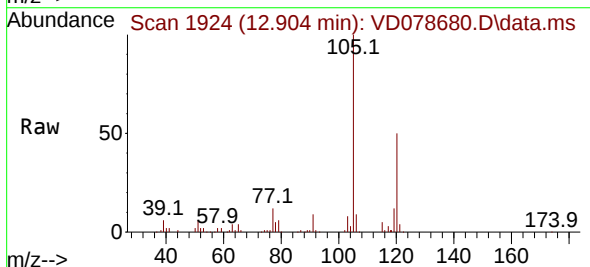
Manual Integrations
APPROVED

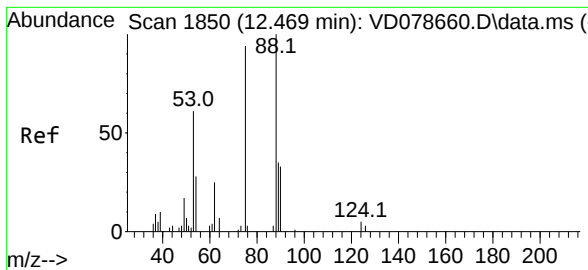
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.620 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

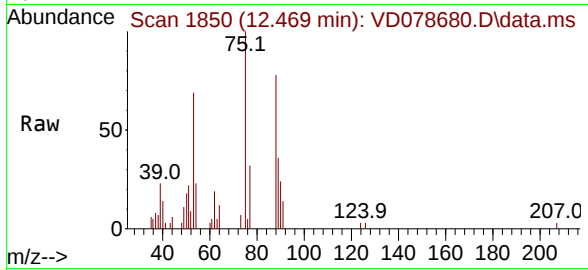
Tgt Ion:105 Resp: 108962
Ion Ratio Lower Upper
105 100
120 51.0 25.9 77.7





#81
trans-1,4-Dichloro-2-butene
Concen: 21.441 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

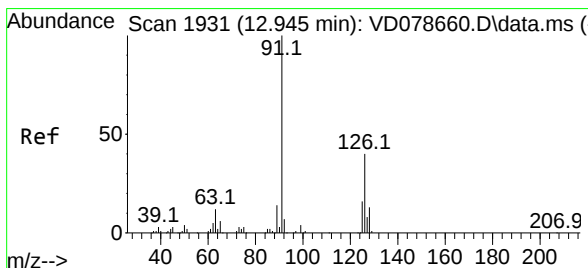
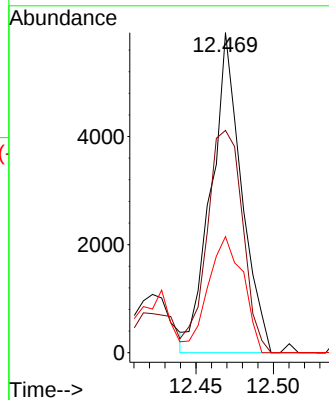
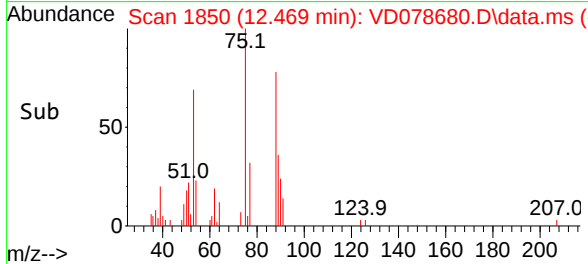
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion: 75 Resp: 8038
Ion Ratio Lower Upper
75 100
53 81.9 61.0 91.6
89 42.0 35.4 53.0

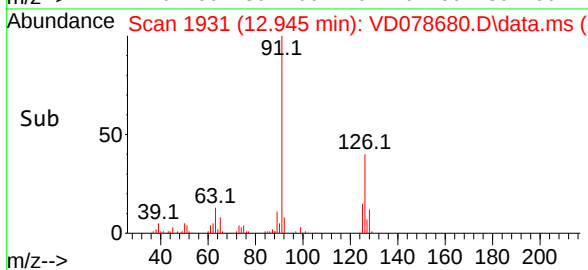
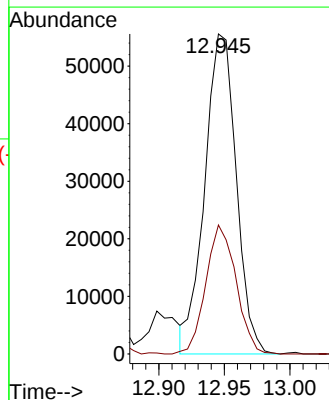
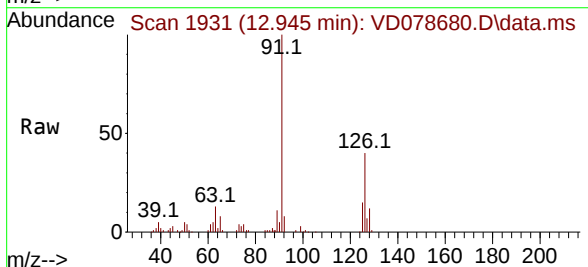
Manual Integrations
APPROVED

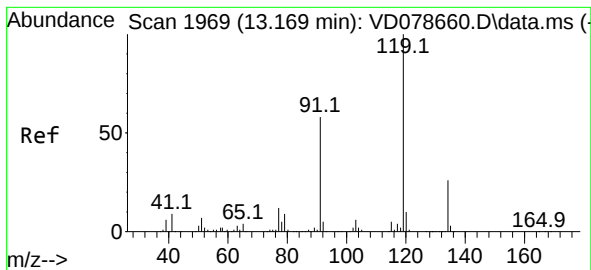
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#82
4-Chlorotoluene
Concen: 19.605 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

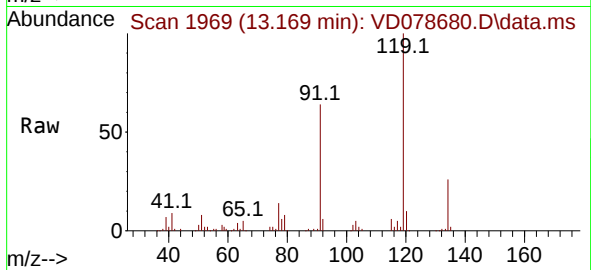
Tgt Ion: 91 Resp: 92990
Ion Ratio Lower Upper
91 100
126 38.6 18.9 56.5





#83
tert-Butylbenzene
Concen: 18.142 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

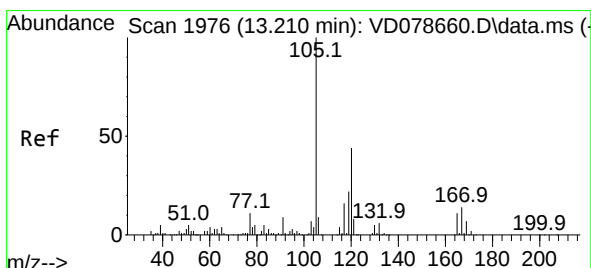
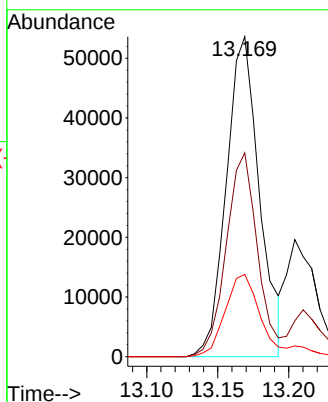
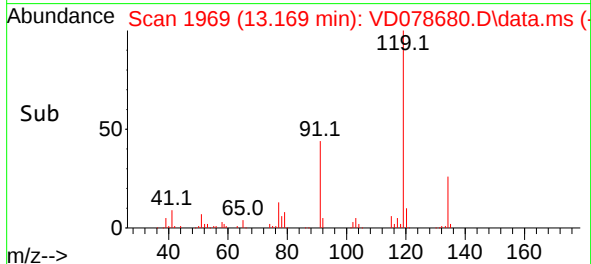
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



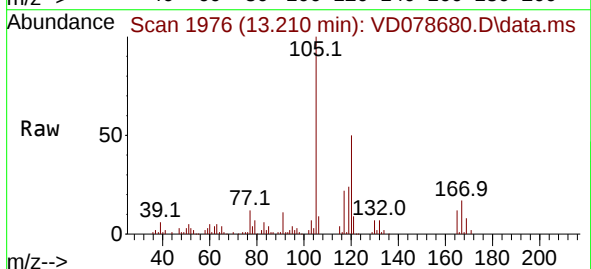
Tgt Ion:119 Resp: 86872
Ion Ratio Lower Upper
119 100
91 60.0 28.9 86.7
134 26.9 13.6 40.8

Manual Integrations
APPROVED

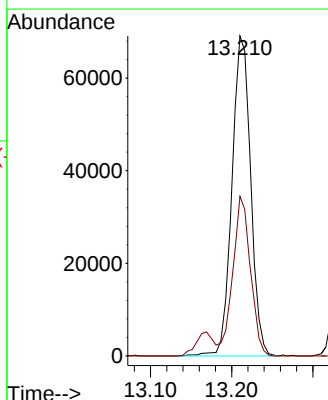
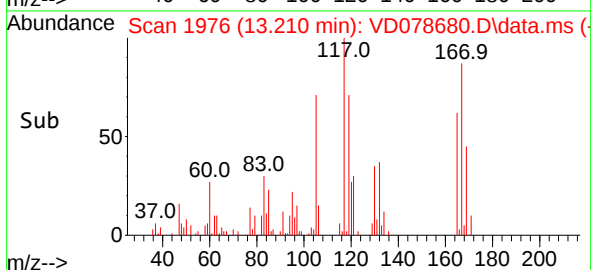
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024

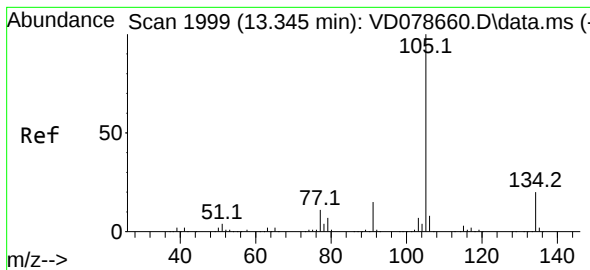


#84
1,2,4-Trimethylbenzene
Concen: 19.711 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23



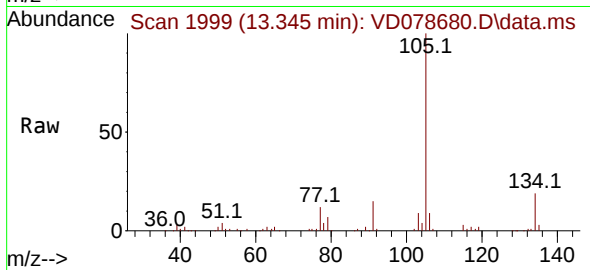
Tgt Ion:105 Resp: 110312
Ion Ratio Lower Upper
105 100
120 47.3 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 19.615 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23

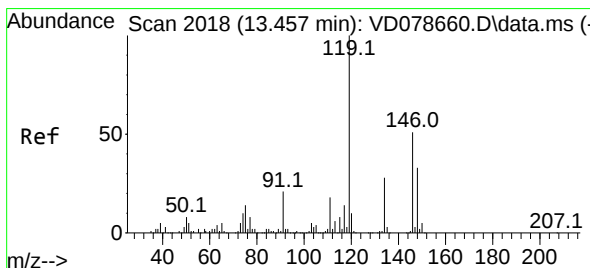
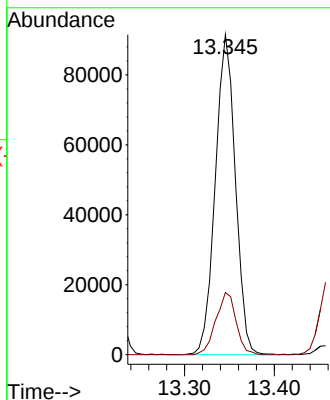
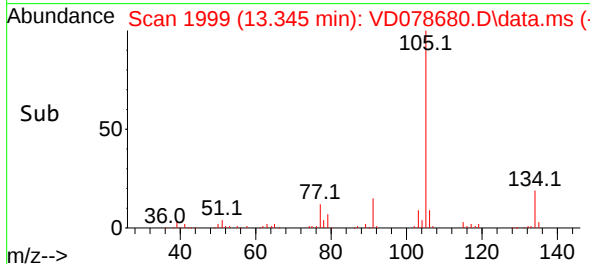
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01



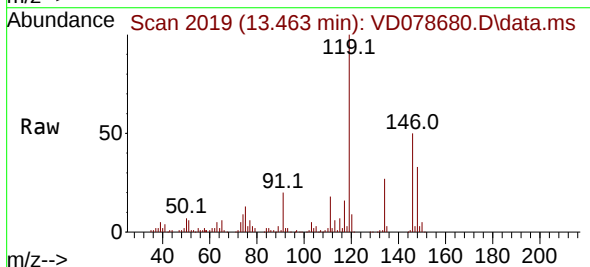
Tgt Ion:105 Resp: 142138
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.2

Manual Integrations
 APPROVED

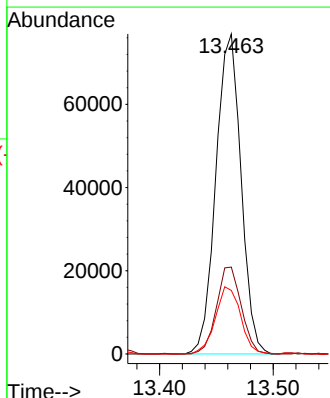
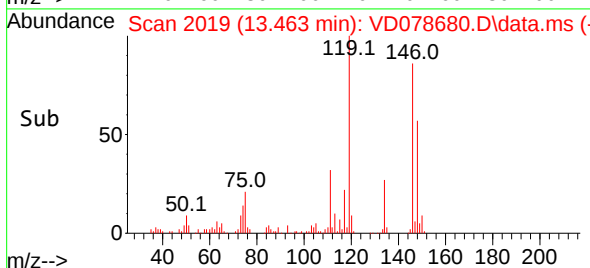
Reviewed By :Mahesh Dadoda 03/18/2024
 Supervised By :Semsettin Yesilyurt 03/18/2024

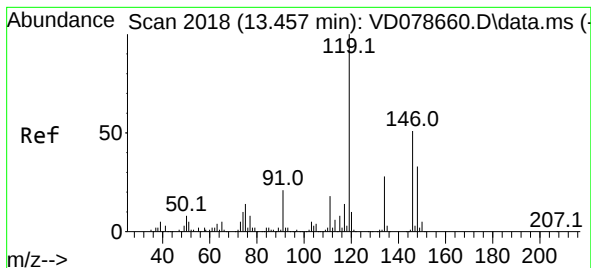


#86
 p-Isopropyltoluene
 Concen: 19.040 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23



Tgt Ion:119 Resp: 118119
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 21.1 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 19.318 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

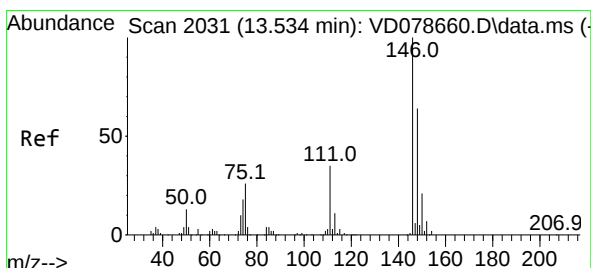
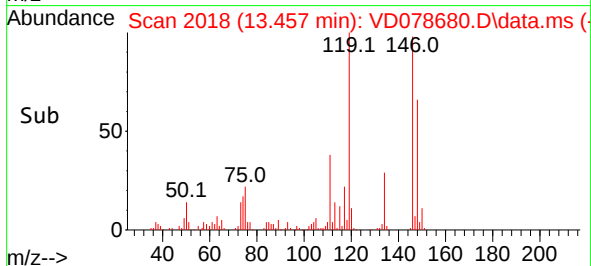
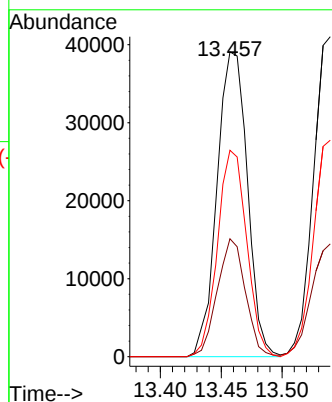
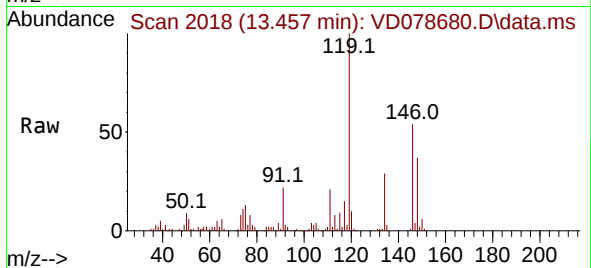
VD0315SBS01

Tgt Ion:146	Resp:	67890
Ion Ratio	Lower	Upper
146	100	
111	35.8	18.2 54.6
148	65.0	31.1 93.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#88

1,4-Dichlorobenzene

Concen: 19.700 ug/l

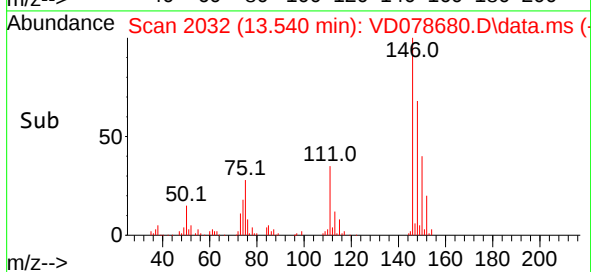
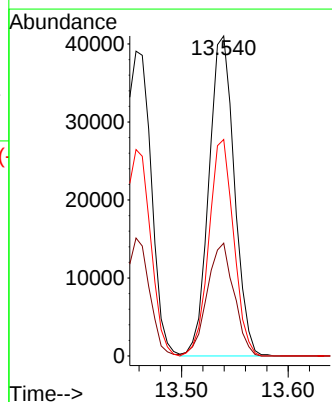
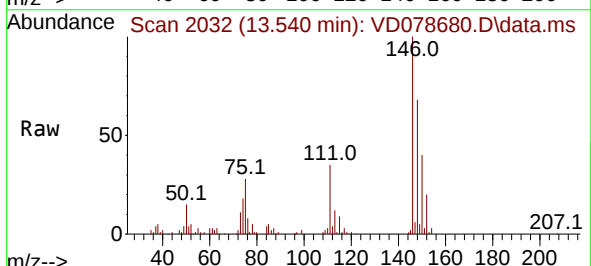
RT: 13.540 min Scan# 2032

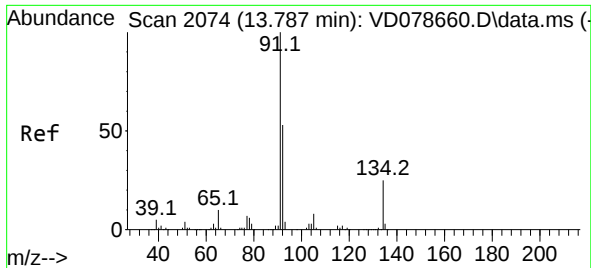
Delta R.T. 0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Tgt Ion:146	Resp:	68236
Ion Ratio	Lower	Upper
146	100	
111	37.1	17.8 53.3
148	65.8	32.4 97.0





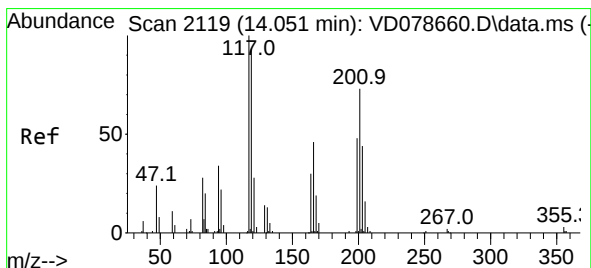
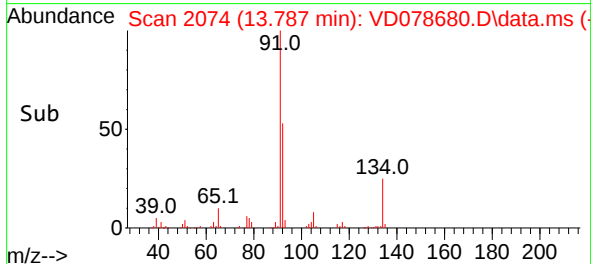
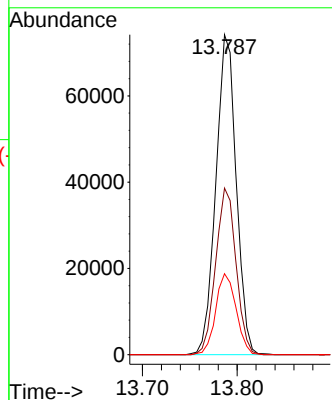
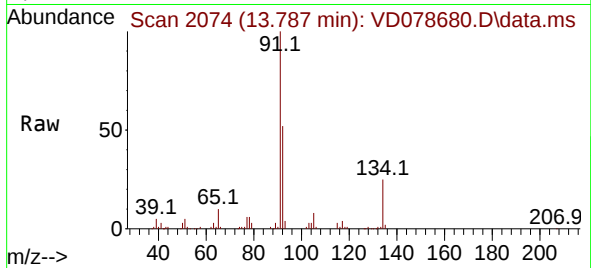
#89
n-Butylbenzene
Concen: 19.780 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion: 91 Resp: 11082
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 25.4 13.0 38.9

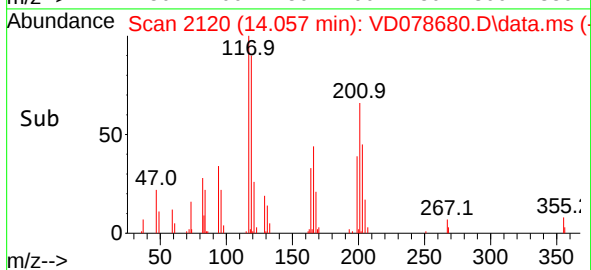
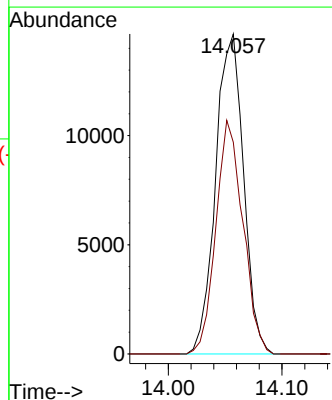
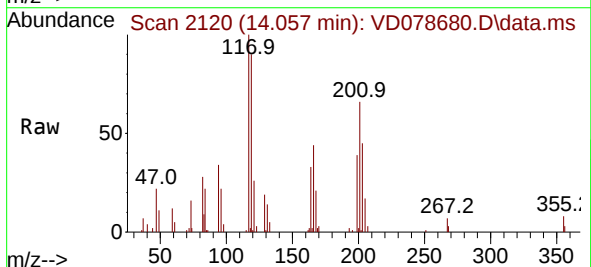
Manual Integrations
APPROVED

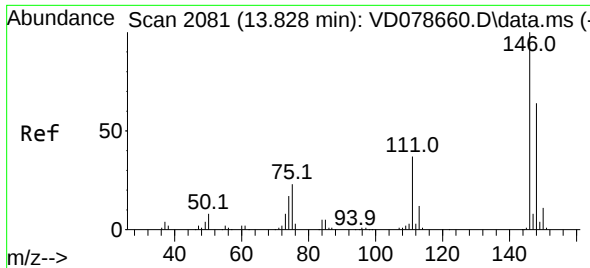
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#90
Hexachloroethane
Concen: 19.506 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

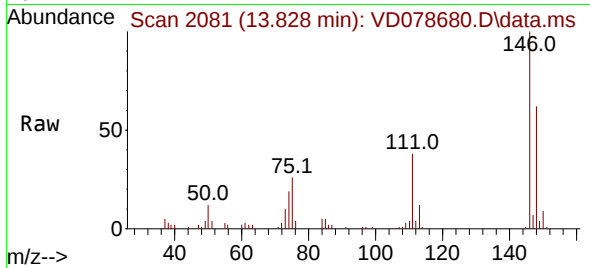
Tgt Ion:117 Resp: 25038
Ion Ratio Lower Upper
117 100
201 70.7 36.2 108.6





#91
1,2-Dichlorobenzene
Concen: 19.851 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

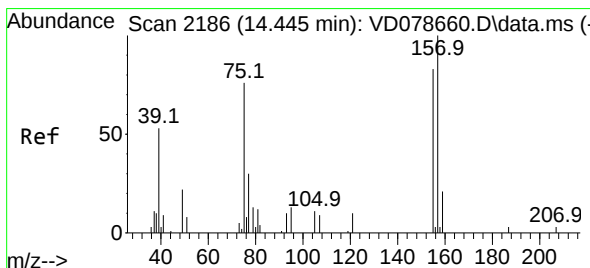
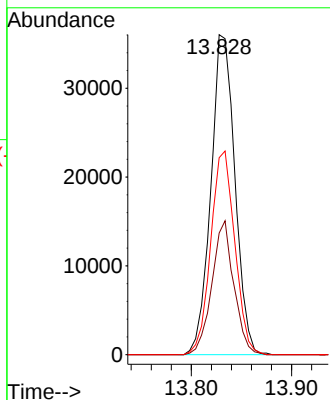
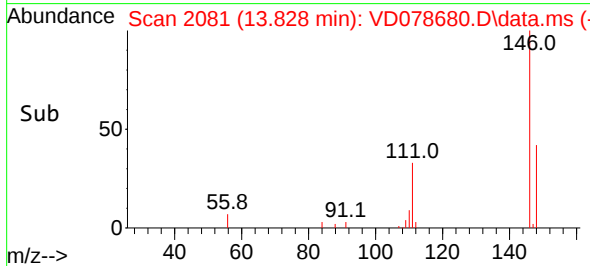
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



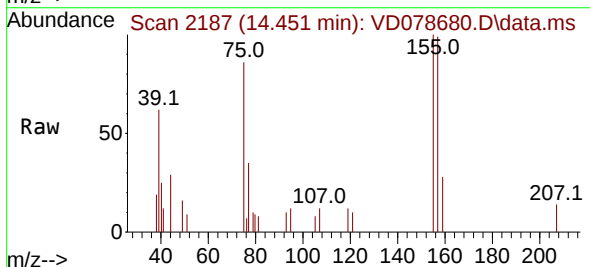
Tgt Ion:146 Resp: 60089
Ion Ratio Lower Upper
146 100
111 38.3 18.6 56.0
148 63.7 32.1 96.5

Manual Integrations
APPROVED

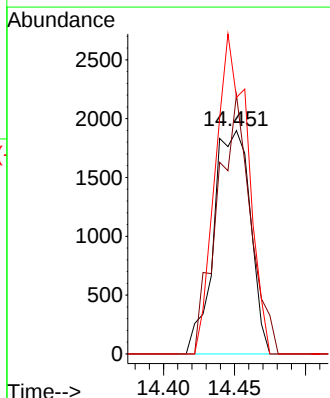
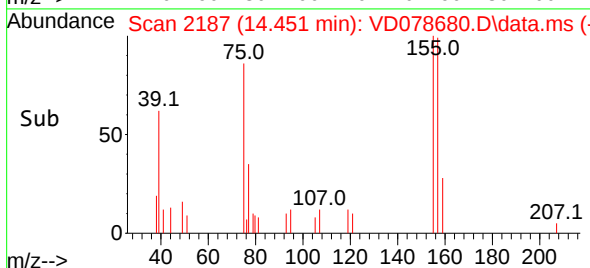
Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024

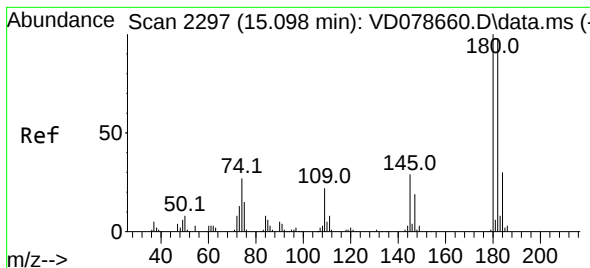


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.498 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23



Tgt Ion: 75 Resp: 3409
Ion Ratio Lower Upper
75 100
155 105.0 49.8 149.3
157 127.0 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 19.305 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

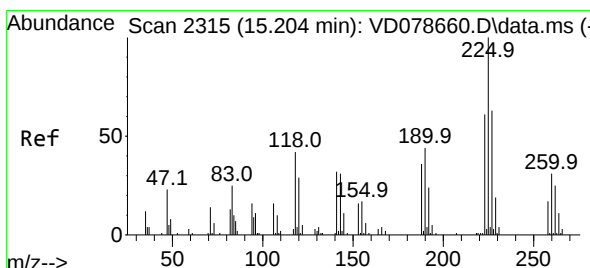
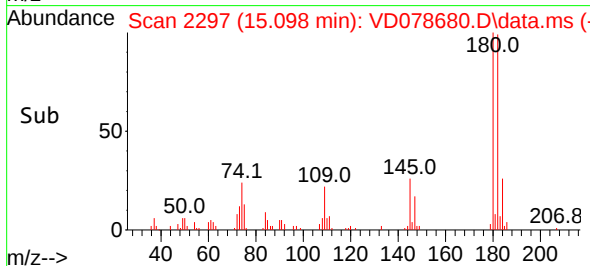
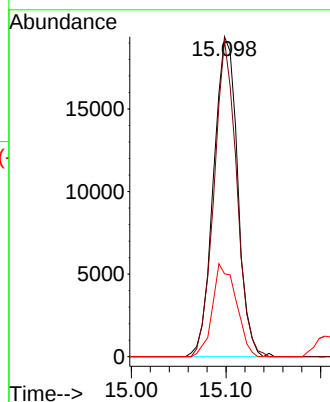
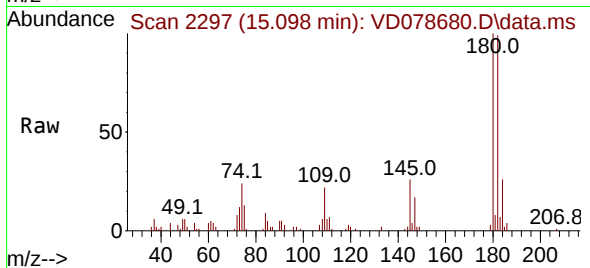
VD0315SBS01

Tgt Ion:	180	Resp:	3410
Ion Ratio	Lower	Upper	
180	100		
182	92.9	49.7	149.1
145	28.6	14.6	44.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#94

Hexachlorobutadiene

Concen: 17.920 ug/l

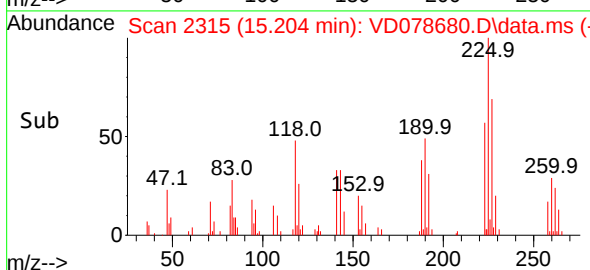
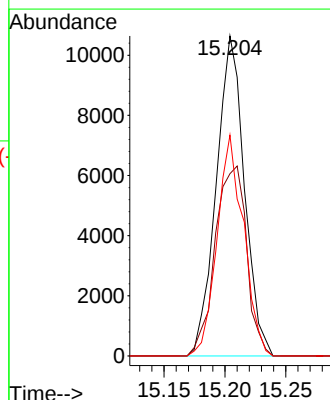
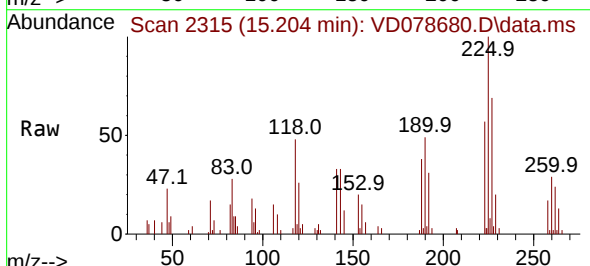
RT: 15.204 min Scan# 2315

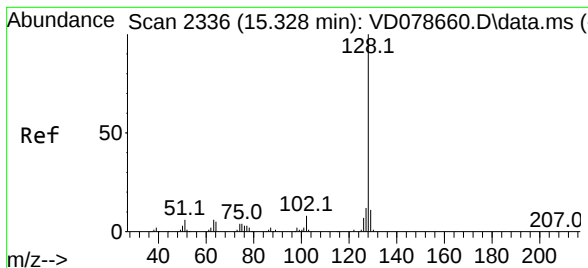
Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

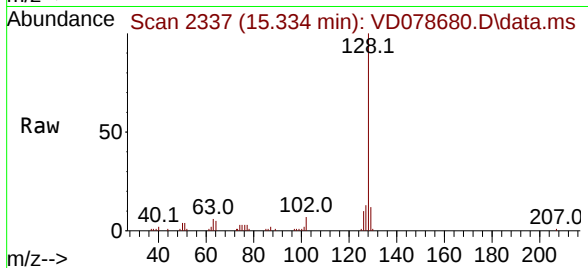
Tgt Ion:	225	Resp:	17138
Ion Ratio	Lower	Upper	
225	100		
223	66.1	31.9	95.7
227	64.9	32.0	96.0





#95
Naphthalene
Concen: 19.072 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

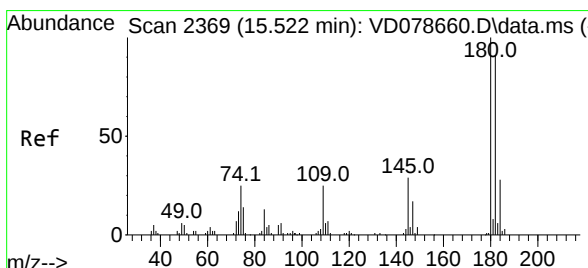
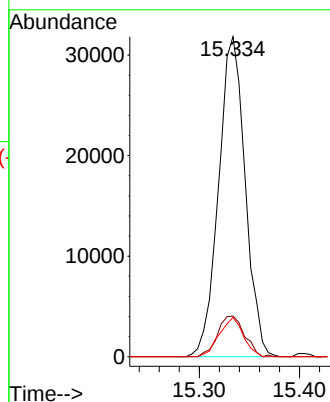
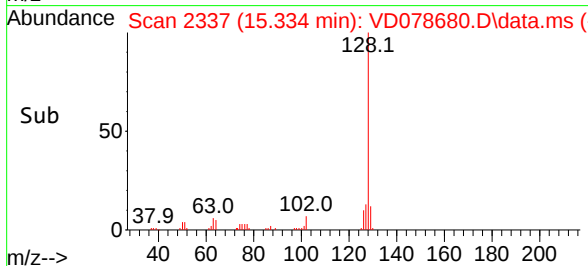
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01



Tgt Ion:128 Resp: 5857
Ion Ratio Lower Upper
128 100
127 12.7 9.3 13.9
129 12.2 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/18/2024
Supervised By :Semsettin Yesilyurt 03/18/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.088 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:180 Resp: 30700
Ion Ratio Lower Upper
180 100
182 95.0 46.7 140.1
145 29.1 14.4 43.4

