

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078042.D
 Acq On : 22 Dec 2023 00:43
 Operator : RP/MD
 Sample : VD1221SBS02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS02

Quant Time: Dec 22 05:45:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	99477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	174877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	154110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	80566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67582	57.654	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.300%			
35) Dibromofluoromethane	7.804	113	72251	58.983	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.960%			
50) Toluene-d8	10.269	98	275097	56.072	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.140%			
62) 4-Bromofluorobenzene	12.575	95	81831	55.789	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26034	20.951	ug/l	99
3) Chloromethane	2.152	50	38416	22.680	ug/l	94
4) Vinyl Chloride	2.287	62	54118	23.535	ug/l	99
5) Bromomethane	2.693	94	43792	33.940	ug/l	96
6) Chloroethane	2.840	64	39845	25.417	ug/l	95
7) Trichlorofluoromethane	3.181	101	46189	21.810	ug/l	90
8) Diethyl Ether	3.593	74	12816	21.552	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.975	101	28914	23.866	ug/l	95
10) Methyl Iodide	4.169	142	28842	30.242	ug/l #	91
11) Tert butyl alcohol	5.063	59	6327m	105.573	ug/l	
12) 1,1-Dichloroethene	3.946	96	27472	22.975	ug/l	95
13) Acrolein	3.805	56	9374	75.599	ug/l	99
14) Allyl chloride	4.563	41	33976	20.660	ug/l	89
15) Acrylonitrile	5.258	53	30409	119.433	ug/l	95
16) Acetone	4.028	43	33766	116.428	ug/l	88
17) Carbon Disulfide	4.275	76	70188	17.350	ug/l	99
18) Methyl Acetate	4.569	43	28011	30.342	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	59225	23.345	ug/l	98
20) Methylene Chloride	4.805	84	42096	28.213	ug/l	91
21) trans-1,2-Dichloroethene	5.322	96	32757	24.186	ug/l	93
22) Diisopropyl ether	6.222	45	76644	22.302	ug/l	97
23) Vinyl Acetate	6.157	43	153971m	91.744	ug/l	
24) 1,1-Dichloroethane	6.116	63	56840	24.423	ug/l	99
25) 2-Butanone	7.087	43	39793	115.413	ug/l #	85
26) 2,2-Dichloropropane	7.081	77	45120	23.091	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	37431	25.684	ug/l	92
28) Bromochloromethane	7.434	49	18259	19.416	ug/l	87
29) Tetrahydrofuran	7.446	42	19529	104.623	ug/l	92
30) Chloroform	7.599	83	60684	26.053	ug/l	99
31) Cyclohexane	7.881	56	39461	18.927	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	49863	24.284	ug/l	99
36) 1,1-Dichloropropene	8.010	75	42162	21.518	ug/l	95
37) Ethyl Acetate	7.175	43	13751	17.999	ug/l #	74
38) Carbon Tetrachloride	7.999	117	44633	22.849	ug/l	93
39) Methylcyclohexane	9.275	83	43852	18.879	ug/l	93
40) Benzene	8.252	78	128568	23.119	ug/l	99

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 APPROVED

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	9600	24.722	ug/l #	70
42) 1,2-Dichloroethane	8.328	62	35325	24.505	ug/l	94
43) Isopropyl Acetate	8.369	43	26837	19.760	ug/l	97
44) Trichloroethene	9.034	130	33396	23.044	ug/l	90
45) 1,2-Dichloropropane	9.310	63	32539	24.069	ug/l	96
46) Dibromomethane	9.399	93	17560	24.549	ug/l	90
47) Bromodichloromethane	9.587	83	46080	25.416	ug/l	94
48) Methyl methacrylate	9.381	41	14924	19.331	ug/l #	84
49) 1,4-Dioxane	9.387	88	2799	394.072	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	71957	103.815	ug/l	93
52) Toluene	10.334	92	81701	23.684	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	39861	22.895	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	48518	23.049	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	24336	24.873	ug/l	97
56) Ethyl methacrylate	10.598	69	18495	21.443	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	39900	23.658	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	43475	88.387	ug/l	92
59) 2-Hexanone	10.922	43	55148	95.901	ug/l	93
60) Dibromochloromethane	11.075	129	30053	25.512	ug/l	97
61) 1,2-Dibromoethane	11.181	107	23328	25.328	ug/l	96
64) Tetrachloroethene	10.810	164	28768	25.398	ug/l	93
65) Chlorobenzene	11.610	112	89049	23.529	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	32163	25.097	ug/l	97
67) Ethyl Benzene	11.687	91	152839	23.821	ug/l	95
68) m/p-Xylenes	11.798	106	119502	48.693	ug/l	92
69) o-Xylene	12.122	106	54298	24.006	ug/l	93
70) Styrene	12.140	104	80919	24.060	ug/l	93
71) Bromoform	12.298	173	16020	23.925	ug/l #	99
73) Isopropylbenzene	12.422	105	145091	23.761	ug/l	96
74) N-amyl acetate	12.234	43	21151	17.621	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	27352	25.690	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	18070m	25.825	ug/l	
77) Bromobenzene	12.704	156	35407	24.652	ug/l	94
78) n-propylbenzene	12.763	91	179042	24.063	ug/l	96
79) 2-Chlorotoluene	12.851	91	97142	24.362	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	119650	23.494	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	7882	22.823	ug/l	91
82) 4-Chlorotoluene	12.945	91	103603	24.853	ug/l	95
83) tert-Butylbenzene	13.169	119	105274	24.485	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	122694	24.087	ug/l	98
85) sec-Butylbenzene	13.345	105	152640	24.018	ug/l	96
86) p-Isopropyltoluene	13.463	119	133249	23.418	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	72588	24.714	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	70535	23.200	ug/l	98
89) n-Butylbenzene	13.787	91	125888	23.512	ug/l	97
90) Hexachloroethane	14.051	117	27021	25.822	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	62077	24.851	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3489	22.075	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	35781	20.971	ug/l	98
94) Hexachlorobutadiene	15.204	225	19371	21.054	ug/l	95
95) Naphthalene	15.333	128	63666	22.458	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	29556	21.012	ug/l	97

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ClientSampleId :
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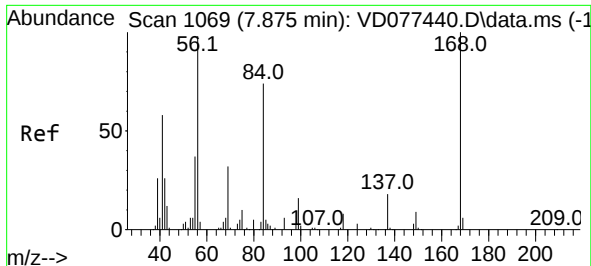
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

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



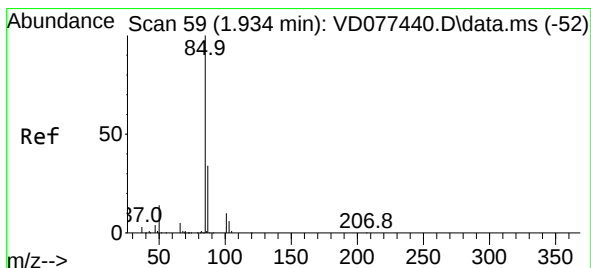
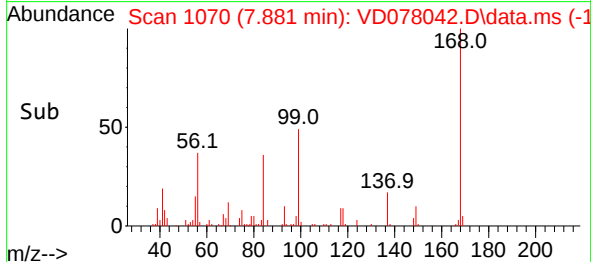
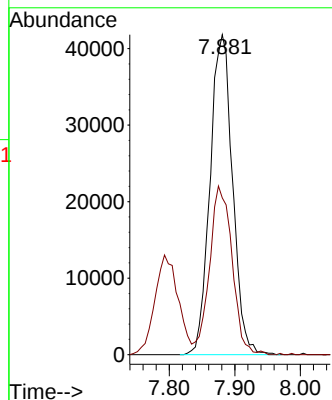
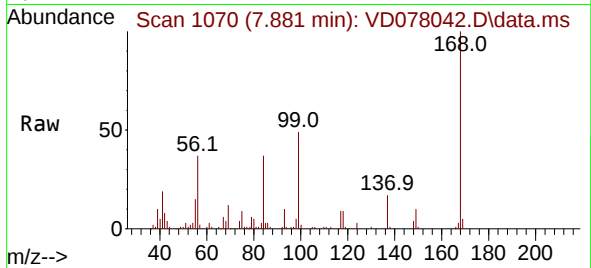
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078042.D
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Instrument :
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ClientSampleId :
VD1221SBSD02

Tgt Ion:168 Resp: 9947
Ion Ratio Lower Upper
168 100
99 48.6 36.7 55.1

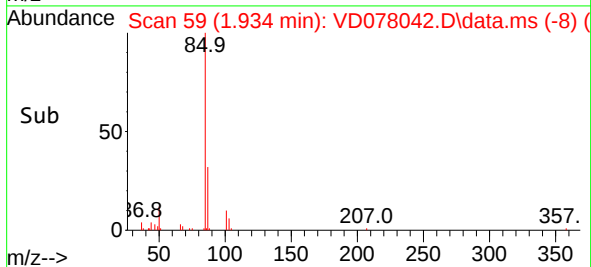
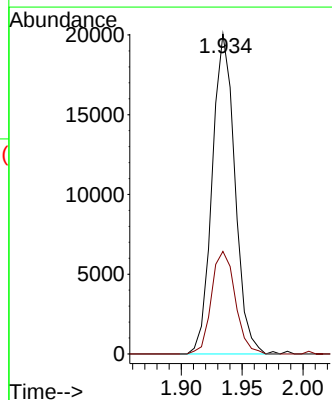
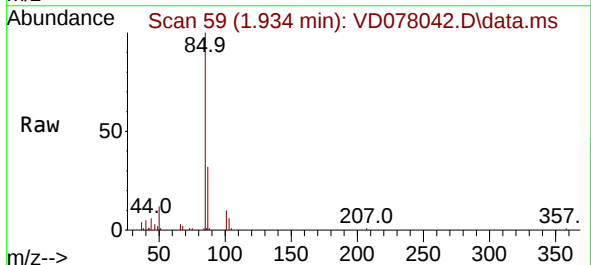
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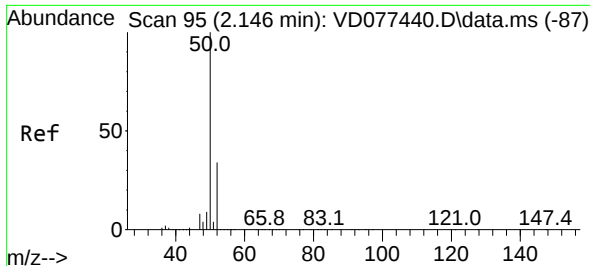
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#2
Dichlorodifluoromethane
Concen: 20.951 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

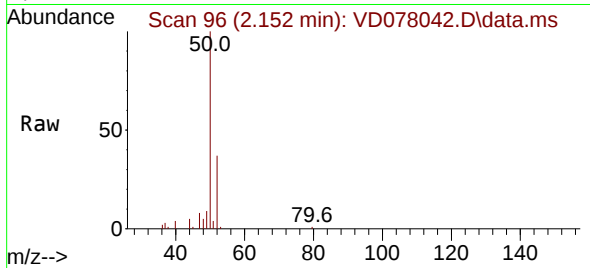
Tgt Ion: 85 Resp: 26034
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0





#3
Chloromethane
Concen: 22.680 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

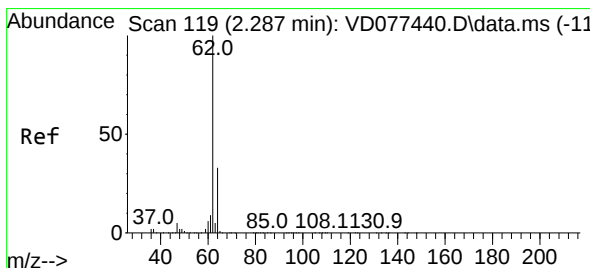
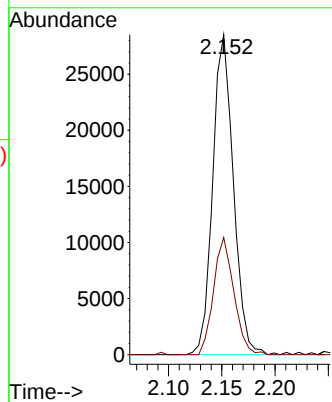
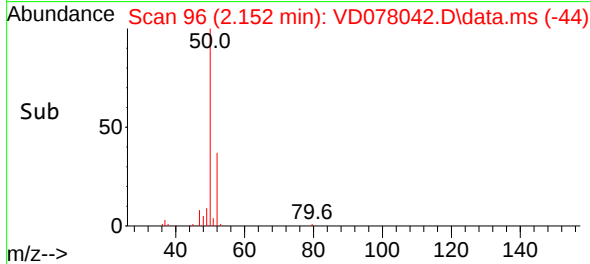
Instrument :
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ClientSampleId :
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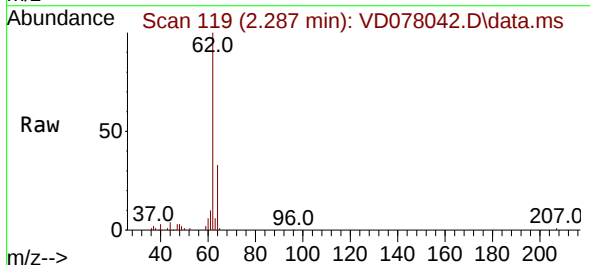
Tgt Ion: 50 Resp: 38410
Ion Ratio Lower Upper
50 100
52 36.6 26.6 40.0

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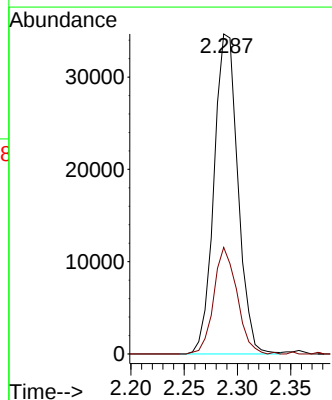
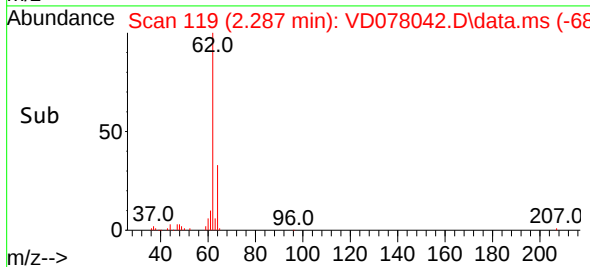
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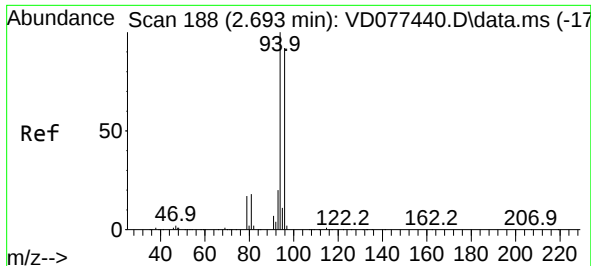


#4
Vinyl Chloride
Concen: 23.535 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



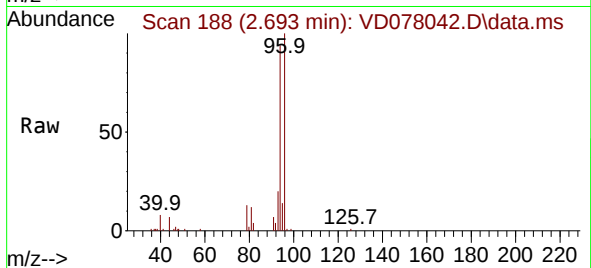
Tgt Ion: 62 Resp: 54118
Ion Ratio Lower Upper
62 100
64 33.3 26.0 39.0





#5
Bromomethane
Concen: 33.940 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

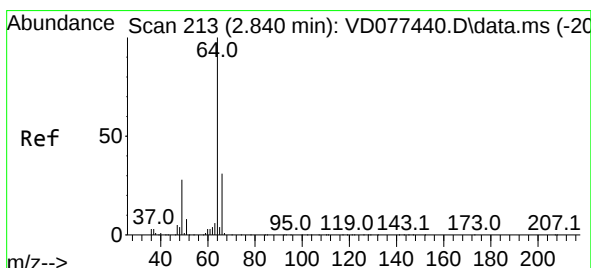
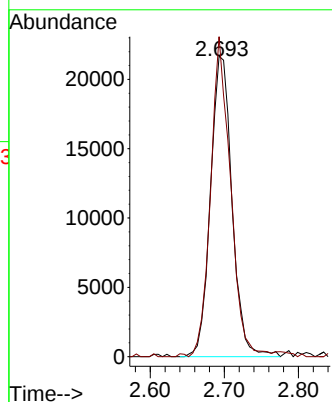
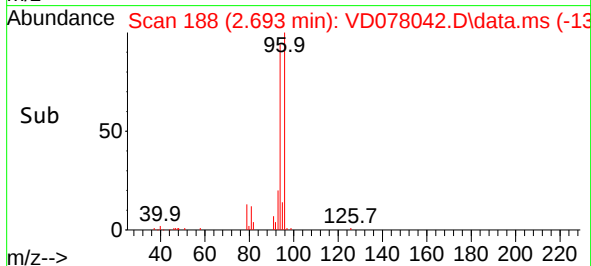
Instrument :
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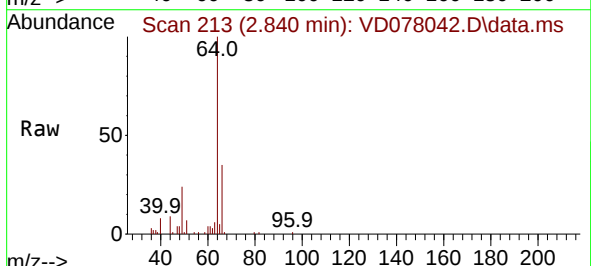
Tgt Ion: 94 Resp: 43792
Ion Ratio Lower Upper
94 100
96 98.6 75.8 113.8

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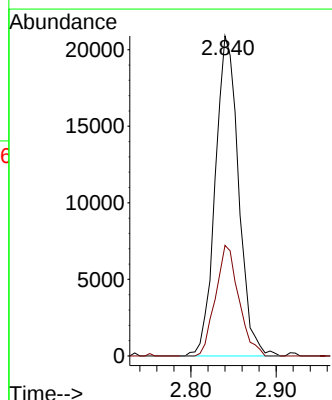
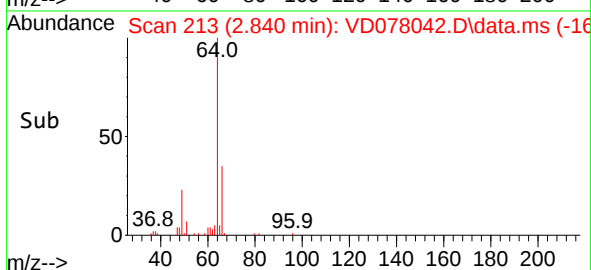
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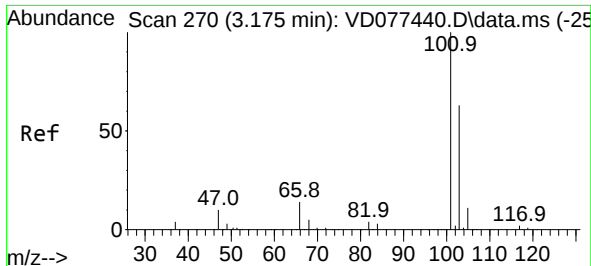


#6
Chloroethane
Concen: 25.417 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



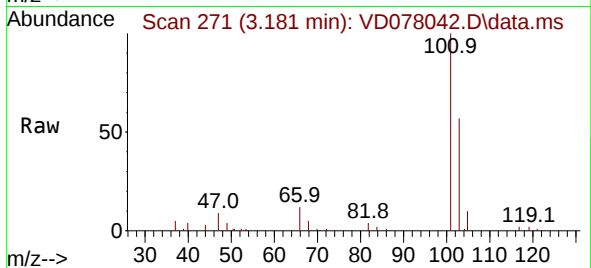
Tgt Ion: 64 Resp: 39845
Ion Ratio Lower Upper
64 100
66 34.6 25.5 38.3





#7
Trichlorofluoromethane
Concen: 21.810 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

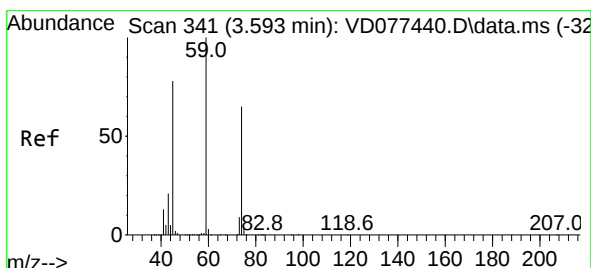
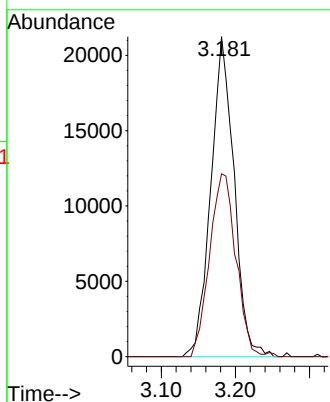
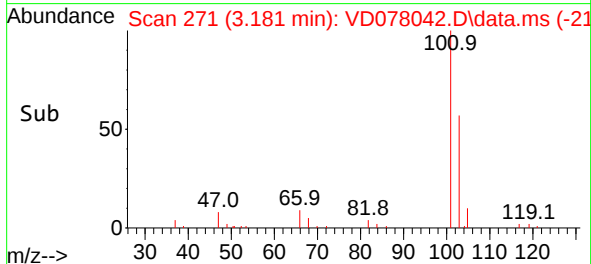
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



Tgt Ion:101 Resp: 46189
Ion Ratio Lower Upper
101 100
103 57.2 52.3 78.5

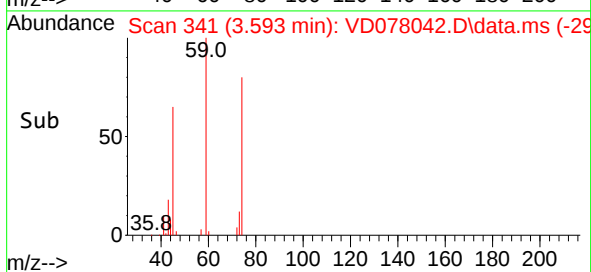
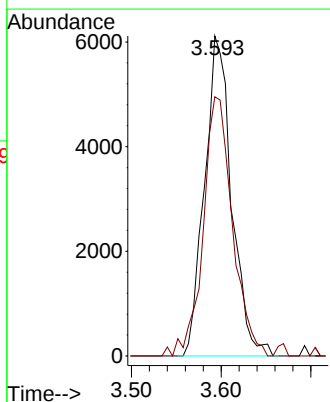
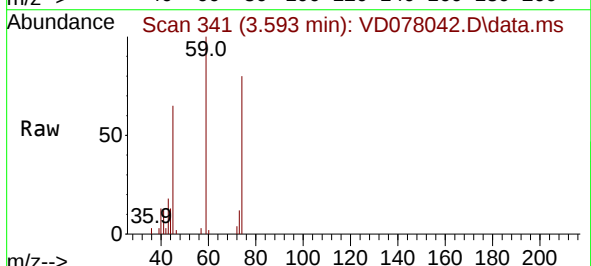
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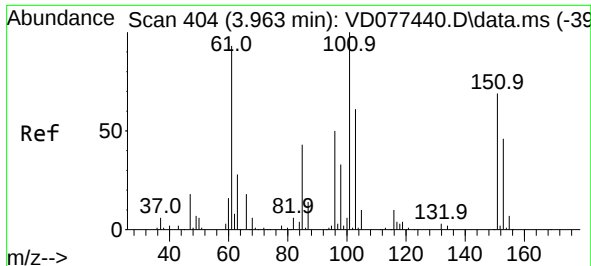
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#8
Diethyl Ether
Concen: 21.552 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 74 Resp: 12816
Ion Ratio Lower Upper
74 100
45 87.5 37.5 112.7





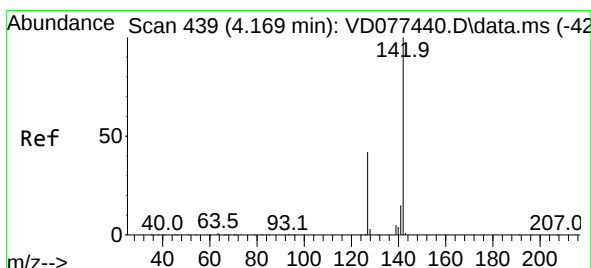
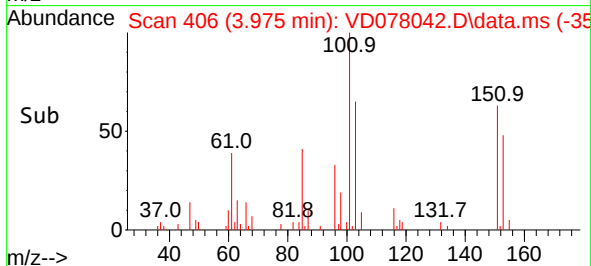
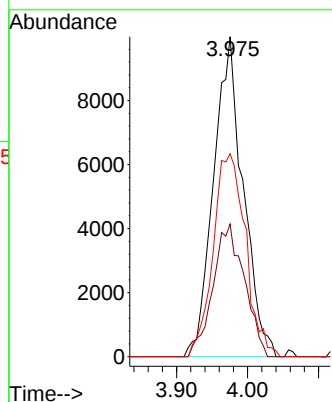
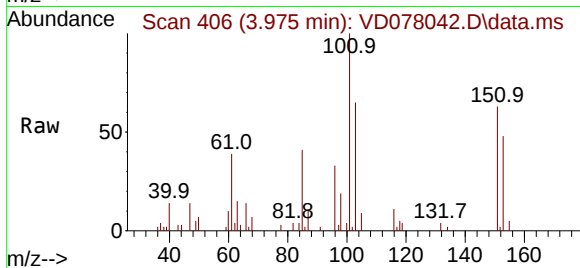
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.866 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02

Tgt Ion:101 Resp: 28914
Ion Ratio Lower Upper
101 100
85 43.9 33.8 50.6
151 69.4 59.8 89.6

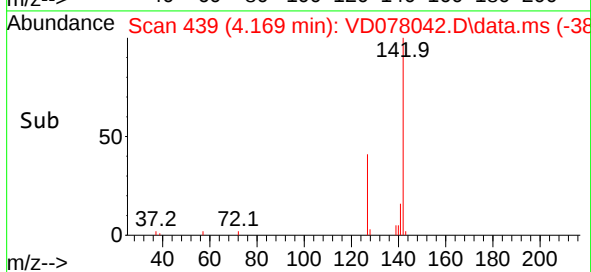
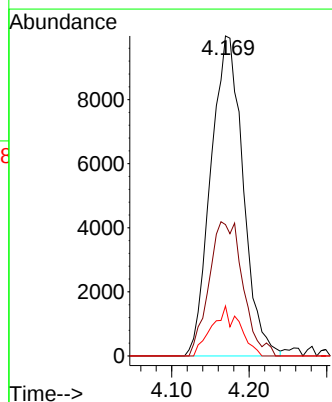
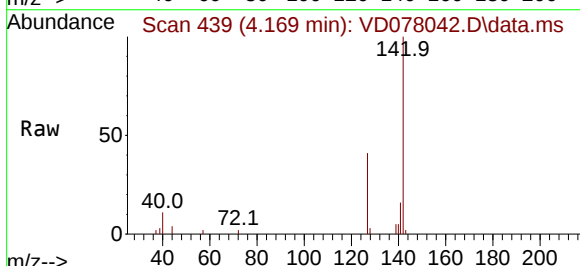
Manual Integrations
APPROVED

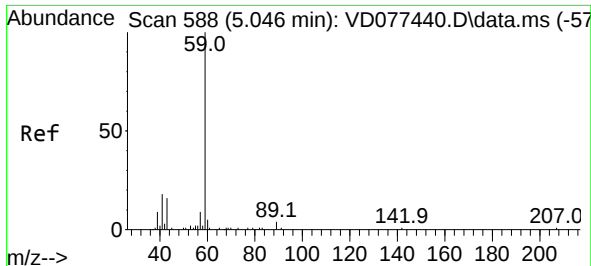
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#10
Methyl Iodide
Concen: 30.242 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

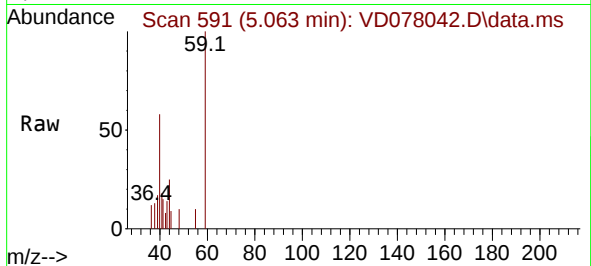
Tgt Ion:142 Resp: 28842
Ion Ratio Lower Upper
142 100
127 44.1 29.4 44.0#
141 13.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 105.573 ug/l m
RT: 5.063 min Scan# 591
Delta R.T. 0.017 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

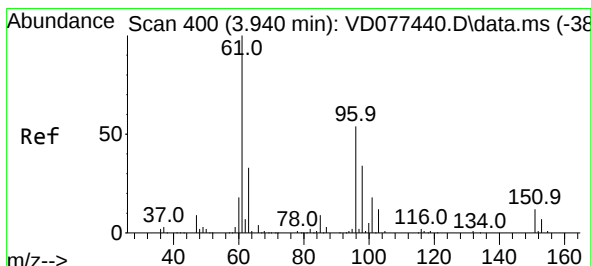
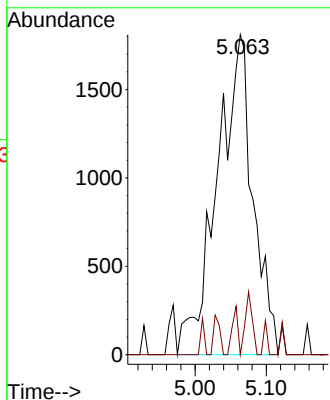
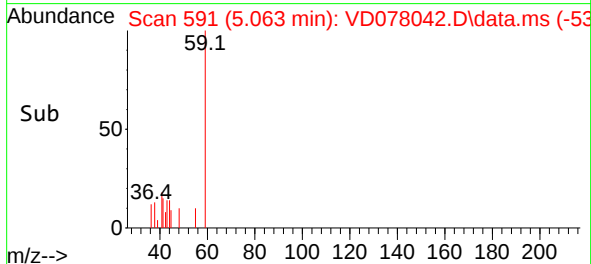
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



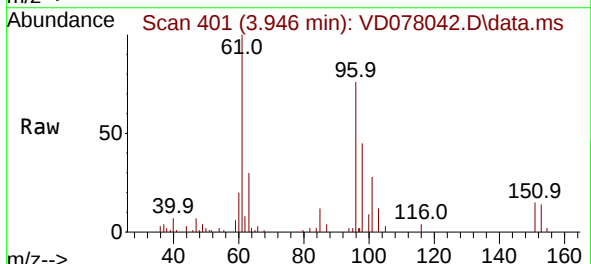
Tgt Ion: 59 Resp: 632
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

Manual Integrations
APPROVED

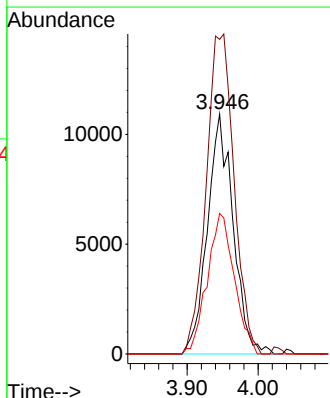
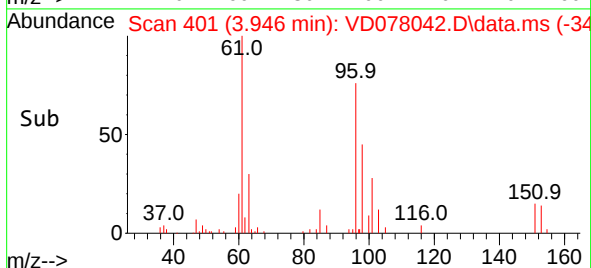
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

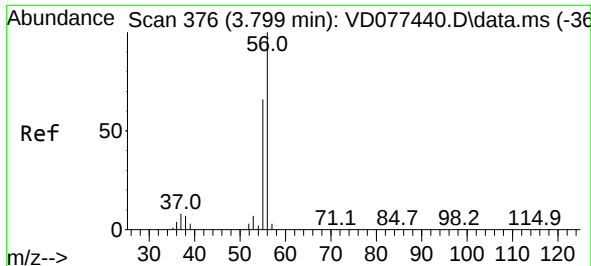


#12
1,1-Dichloroethene
Concen: 22.975 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



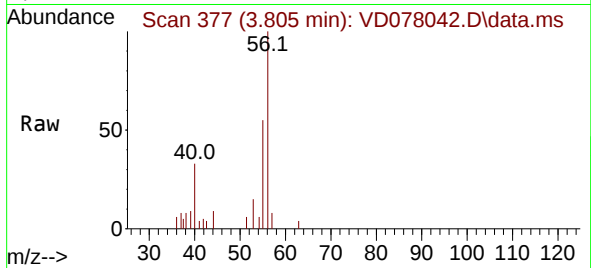
Tgt Ion: 96 Resp: 27472
Ion Ratio Lower Upper
96 100
61 131.2 100.6 150.8
98 58.6 50.2 75.2





#13
Acrolein
Concen: 75.599 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

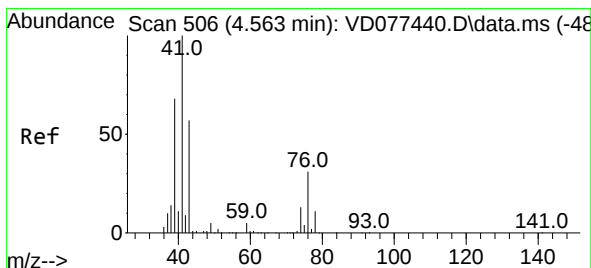
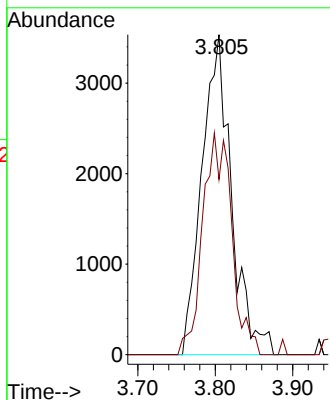
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



Tgt Ion: 56 Resp: 9374
Ion Ratio Lower Upper
56 100
55 68.0 55.1 82.7

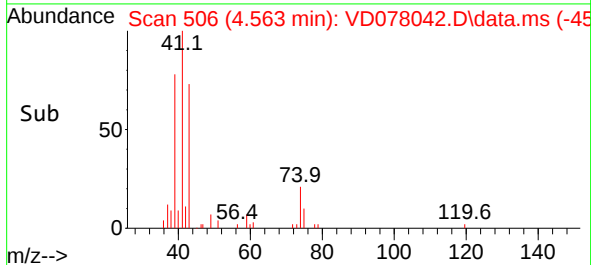
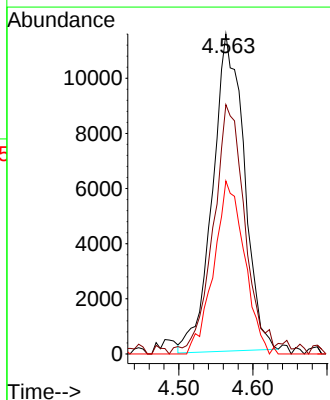
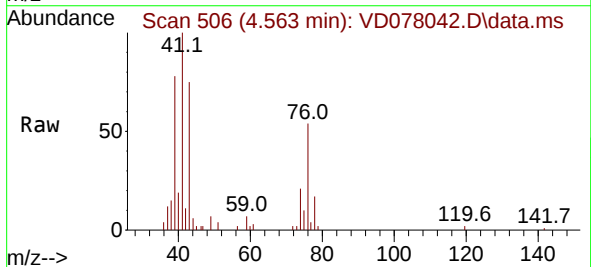
Manual Integrations
APPROVED

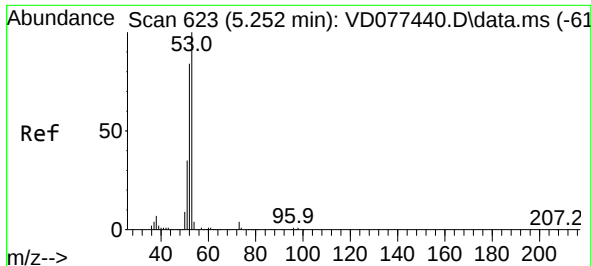
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#14
Allyl chloride
Concen: 20.660 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

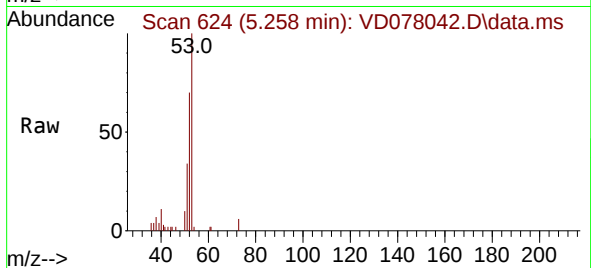
Tgt Ion: 41 Resp: 33976
Ion Ratio Lower Upper
41 100
39 79.6 53.8 80.6
76 53.1 45.8 68.8





#15
Acrylonitrile
Concen: 119.433 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

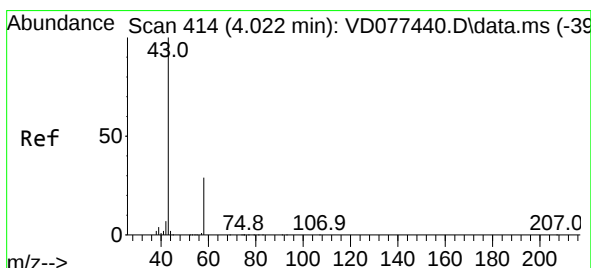
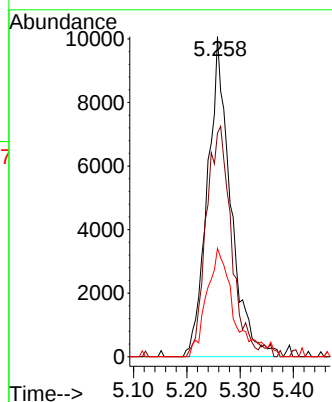
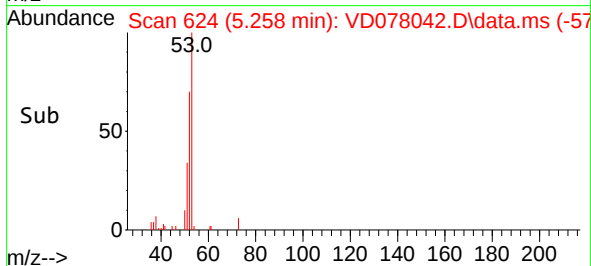
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



Tgt Ion: 53 Resp: 30409
Ion Ratio Lower Upper
53 100
52 77.6 65.0 97.4
51 39.9 28.3 42.5

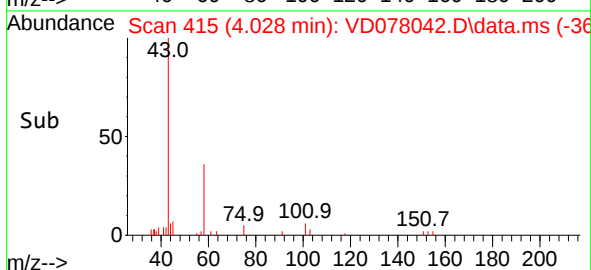
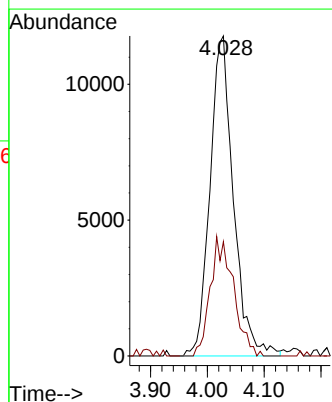
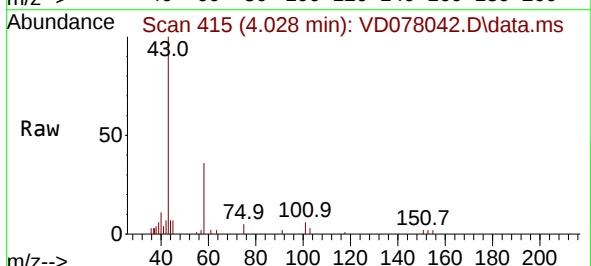
Manual Integrations
APPROVED

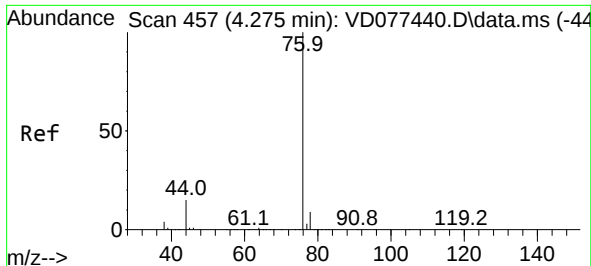
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#16
Acetone
Concen: 116.428 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 43 Resp: 33766
Ion Ratio Lower Upper
43 100
58 35.7 34.7 52.1





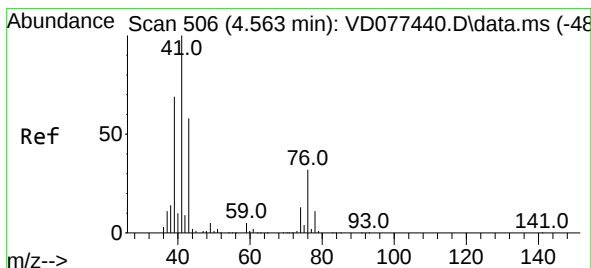
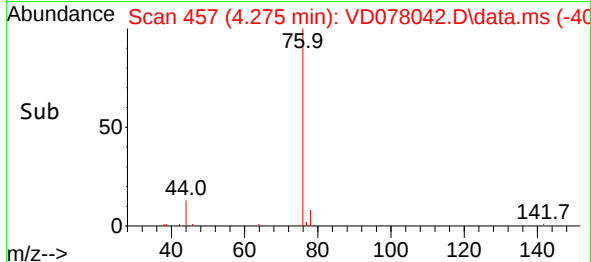
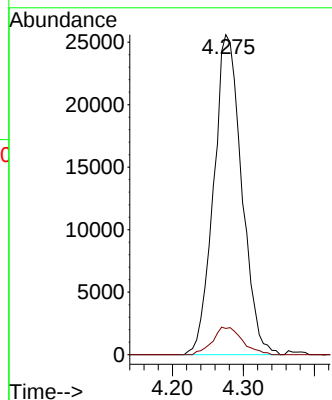
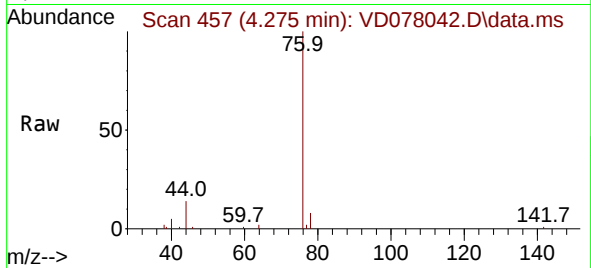
#17
Carbon Disulfide
Concen: 17.350 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02

Tgt Ion: 76 Resp: 7018
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2

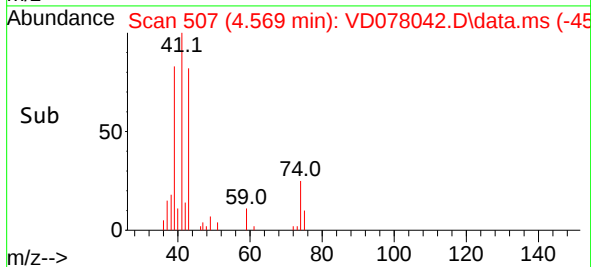
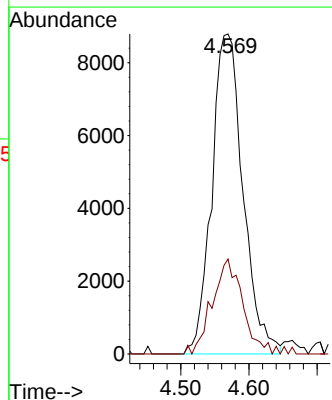
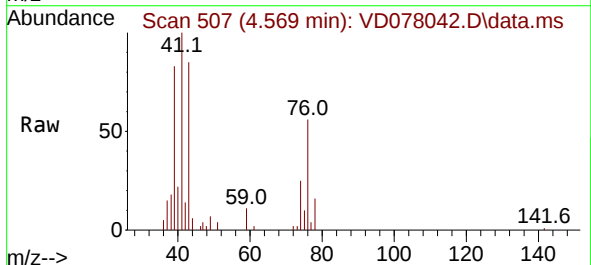
Manual Integrations
APPROVED

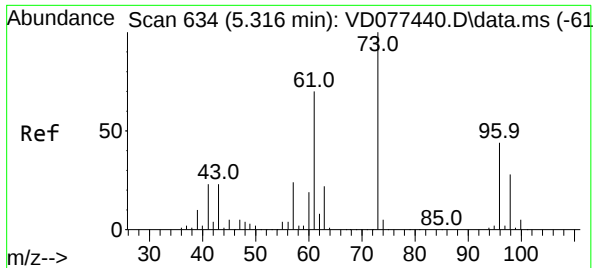
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#18
Methyl Acetate
Concen: 30.342 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 43 Resp: 28011
Ion Ratio Lower Upper
43 100
74 28.9 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 23.345 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

Tgt Ion: 73 Resp: 5922

Ion Ratio Lower Upper

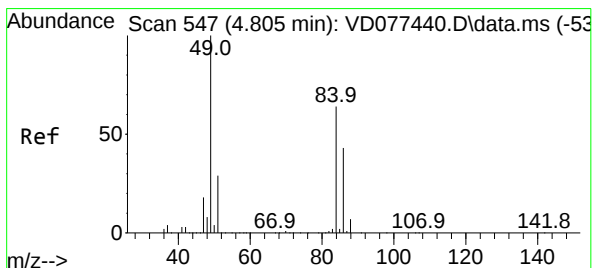
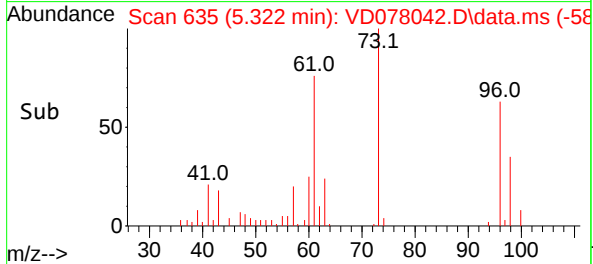
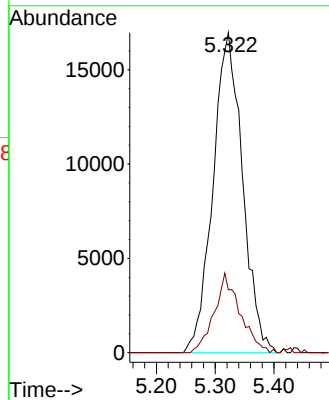
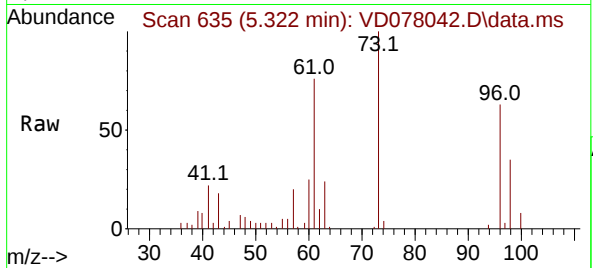
73 100

57 19.7 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#20

Methylene Chloride

Concen: 28.213 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Tgt Ion: 84 Resp: 42096

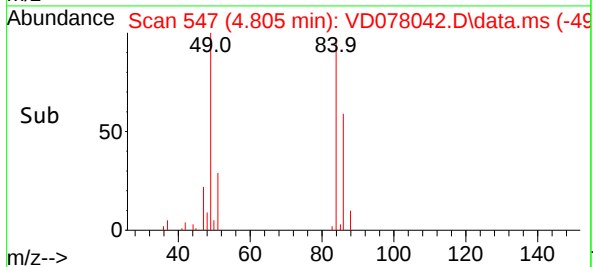
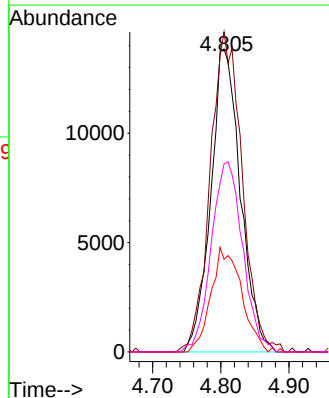
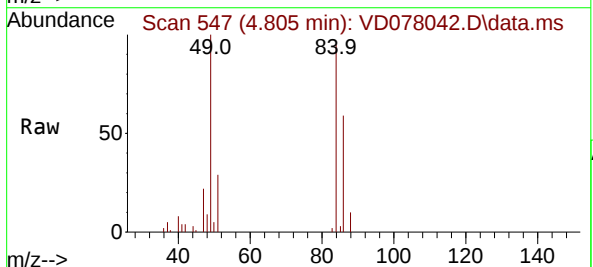
Ion Ratio Lower Upper

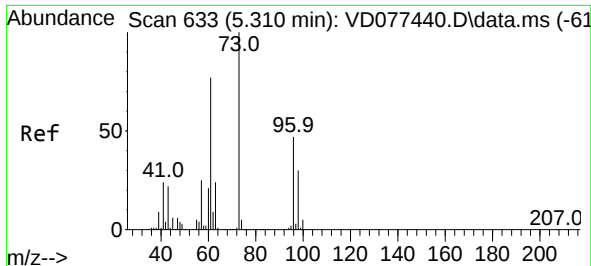
84 100

49 104.5 71.4 107.2

51 30.6 24.5 36.7

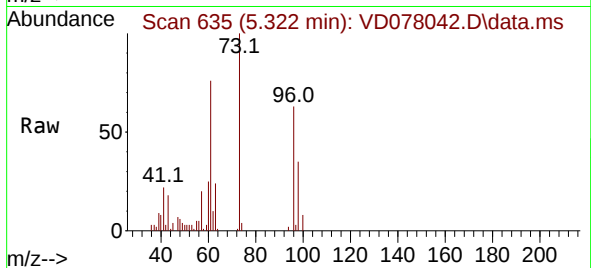
86 62.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 24.186 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

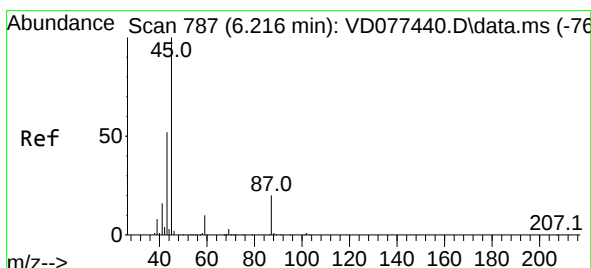
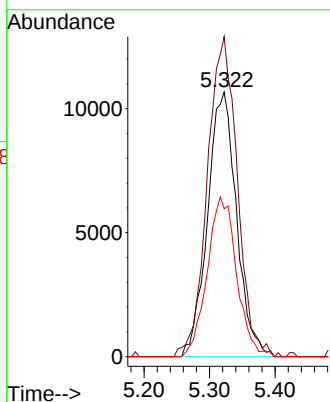
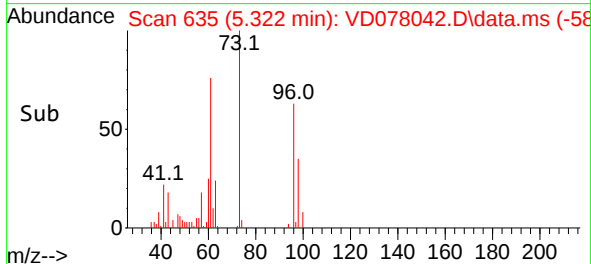
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



Tgt Ion: 96 Resp: 3275
Ion Ratio Lower Upper
96 100
61 119.5 89.3 133.9
98 56.0 48.6 73.0

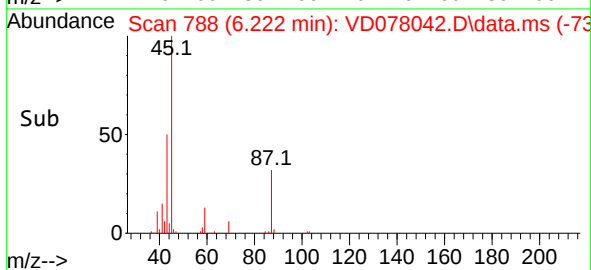
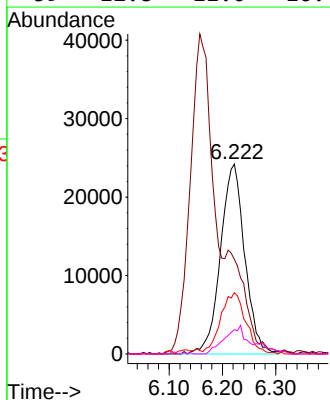
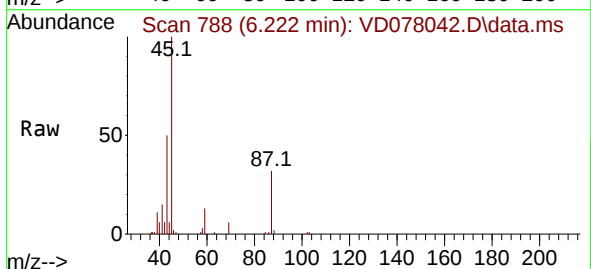
Manual Integrations
APPROVED

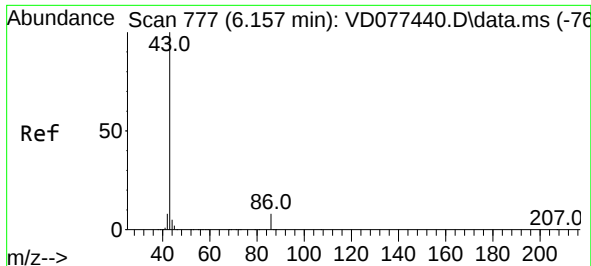
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#22
Diisopropyl ether
Concen: 22.302 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 45 Resp: 76644
Ion Ratio Lower Upper
45 100
43 48.4 40.0 60.0
87 32.3 28.2 42.4
59 12.8 11.0 16.4





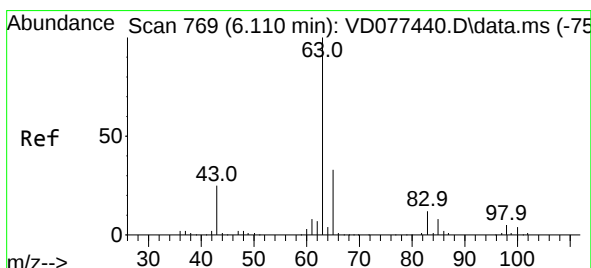
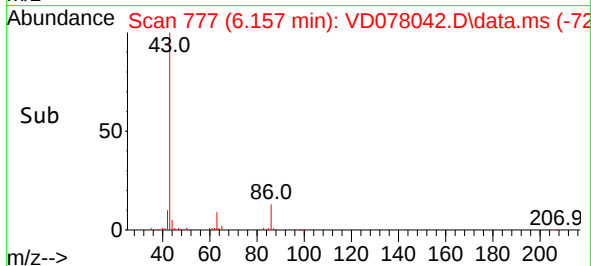
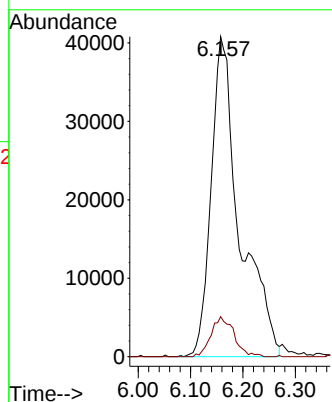
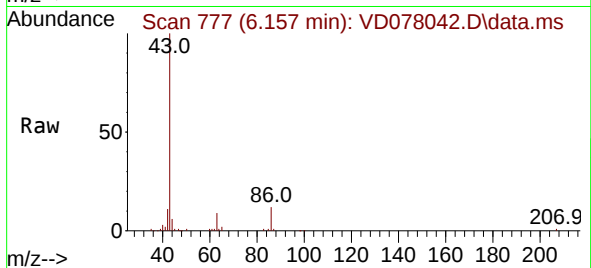
#23
 Vinyl Acetate
 Concen: 91.744 ug/l m
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBSD02

Tgt Ion: 43 Resp: 15397
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7

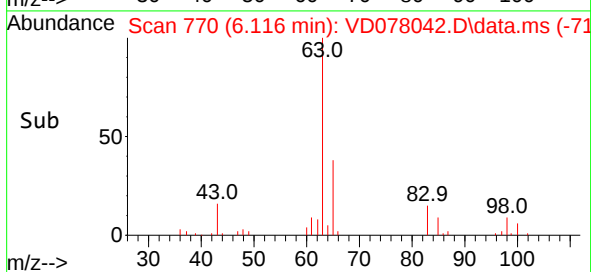
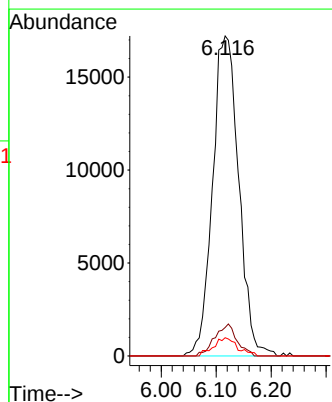
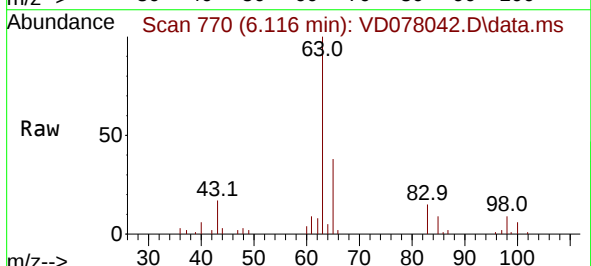
Manual Integrations
 APPROVED

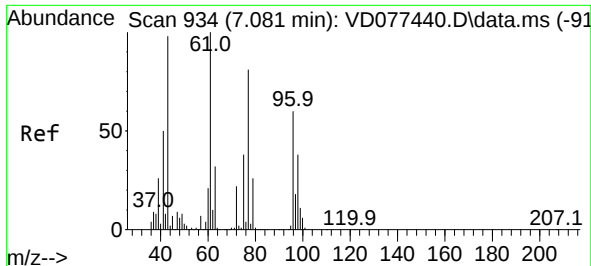
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#24
 1,1-Dichloroethane
 Concen: 24.423 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

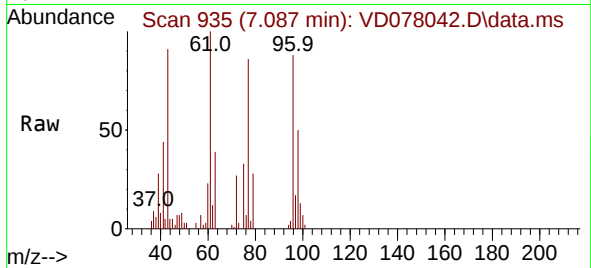
Tgt Ion: 63 Resp: 56840
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.5 13.7
 100 5.7 2.5 7.5





#25
2-Butanone
Concen: 115.413 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

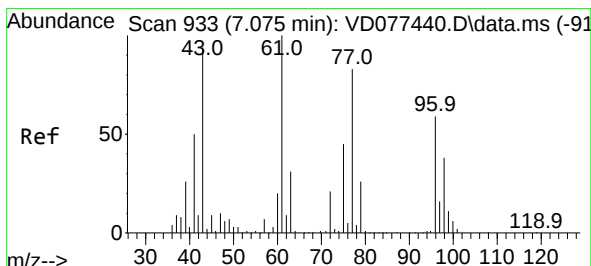
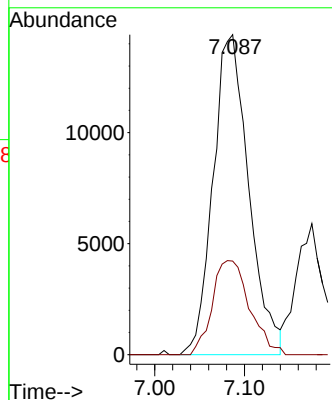
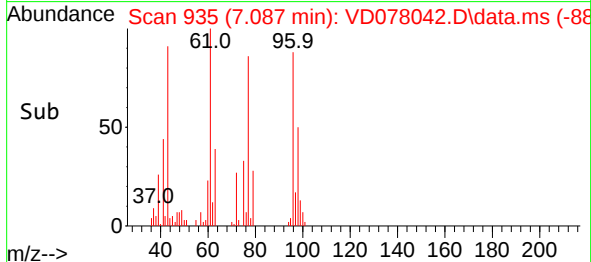
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



Tgt Ion: 43 Resp: 3979
Ion Ratio Lower Upper
43 100
72 29.2 30.7 46.1

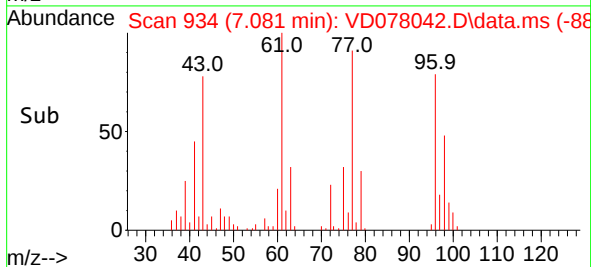
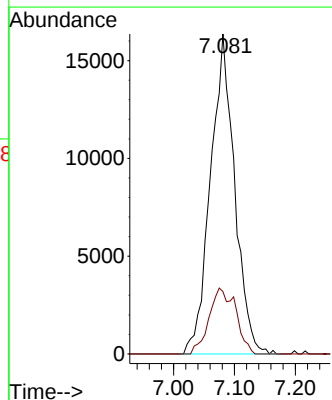
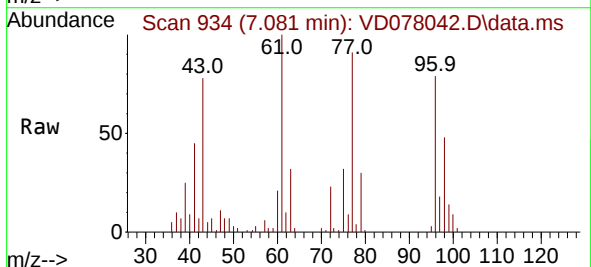
Manual Integrations
APPROVED

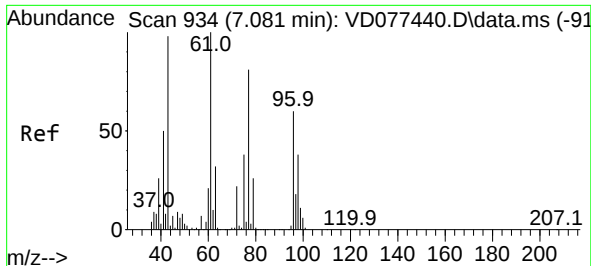
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#26
2,2-Dichloropropane
Concen: 23.091 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

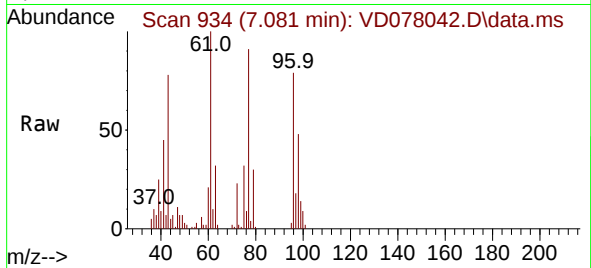
Tgt Ion: 77 Resp: 45120
Ion Ratio Lower Upper
77 100
97 22.8 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 25.684 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

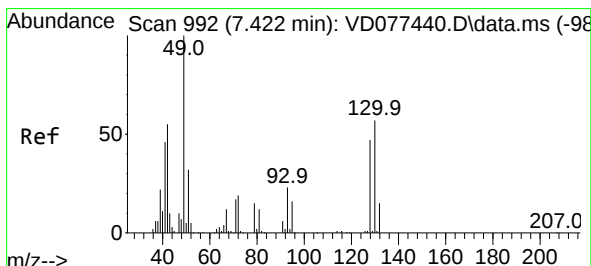
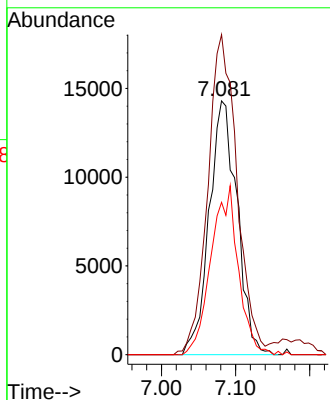
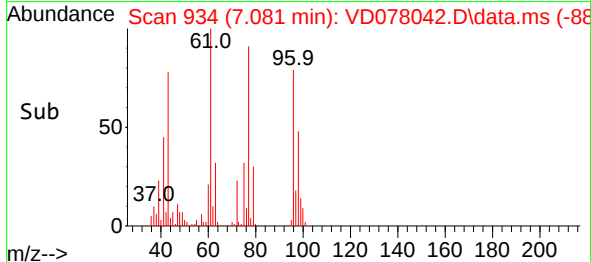
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBS02



Tgt Ion: 96 Resp: 3743
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 239.2
 98 64.9 0.0 128.6

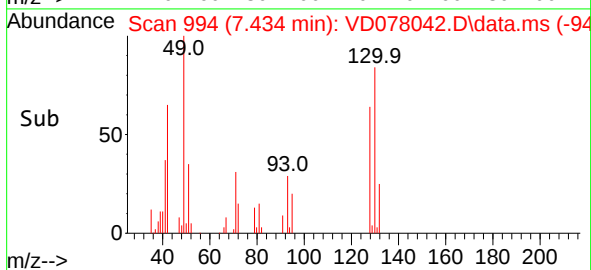
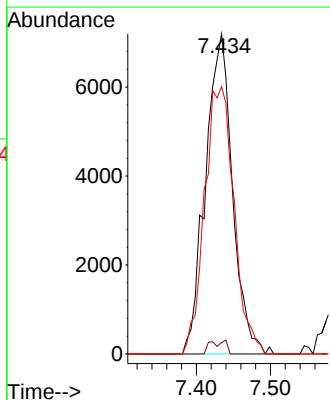
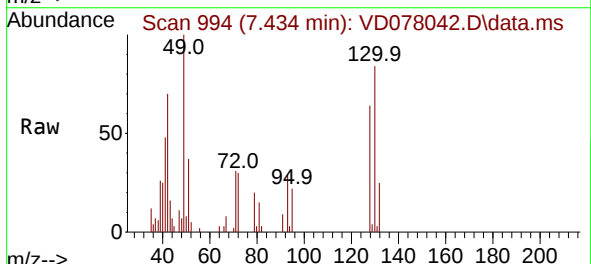
Manual Integrations
 APPROVED

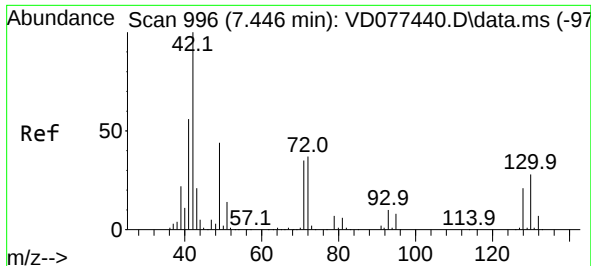
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023



#28
 Bromochloromethane
 Concen: 19.416 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

Tgt Ion: 49 Resp: 18259
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 6.0
 130 91.0 83.2 124.8





#29

Tetrahydrofuran

Concen: 104.623 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

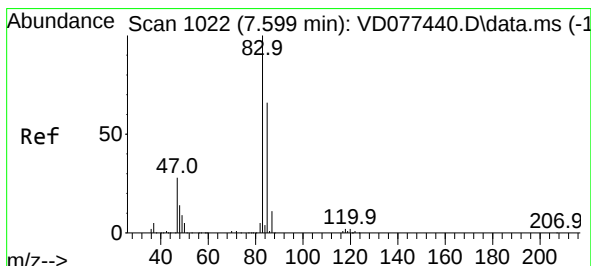
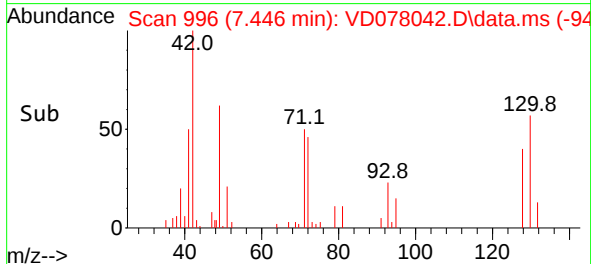
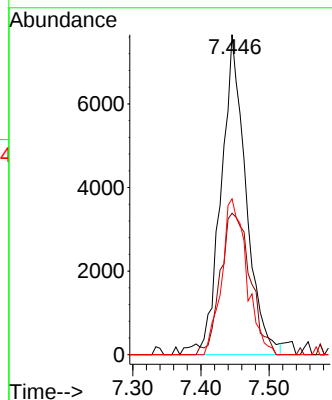
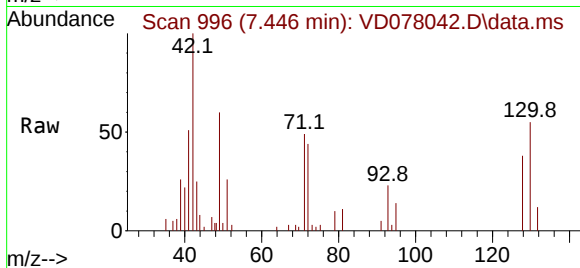
VD1221SBS02

Tgt Ion:	42	Resp:	19529
Ion Ratio	Lower	Upper	
42	100		
72	52.8	46.5	69.7
71	48.6	44.5	66.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#30

Chloroform

Concen: 26.053 ug/l

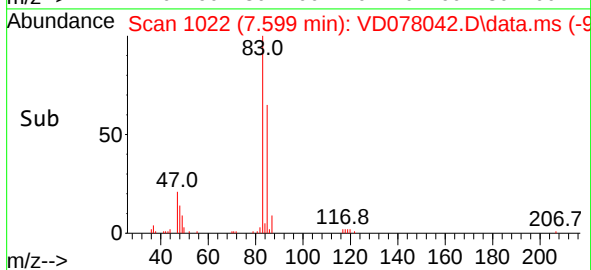
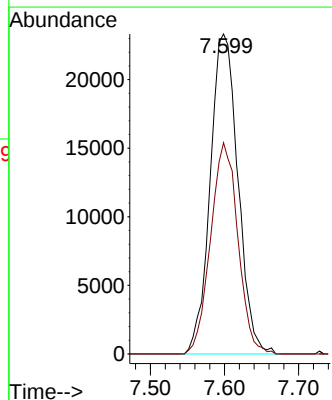
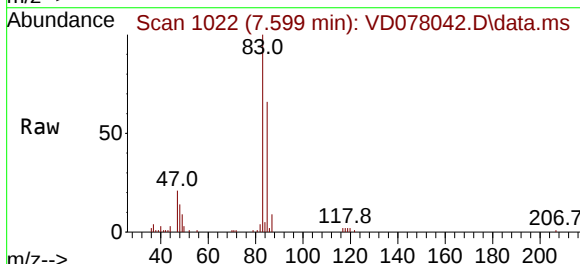
RT: 7.599 min Scan# 1022

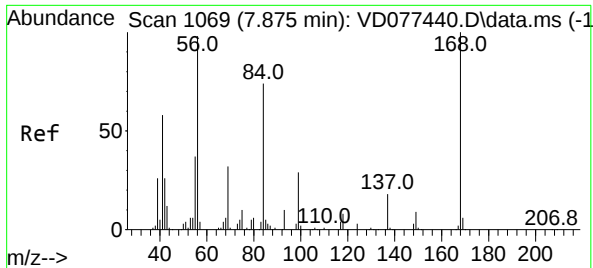
Delta R.T. -0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

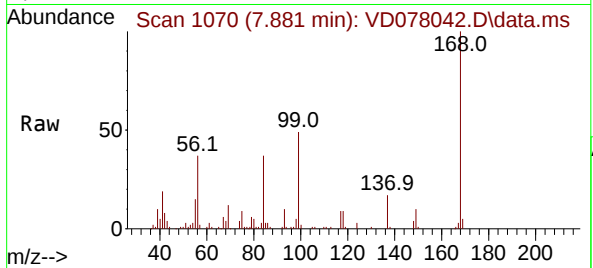
Tgt Ion:	83	Resp:	60684
Ion Ratio	Lower	Upper	
83	100		
85	66.0	53.4	80.2





#31
Cyclohexane
Concen: 18.927 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

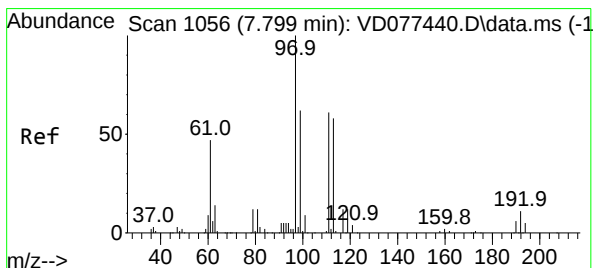
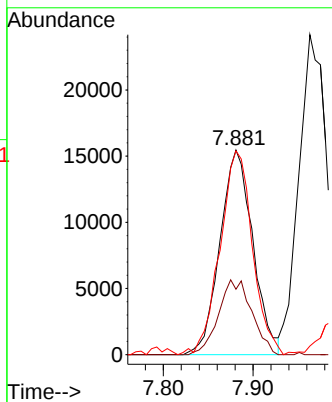
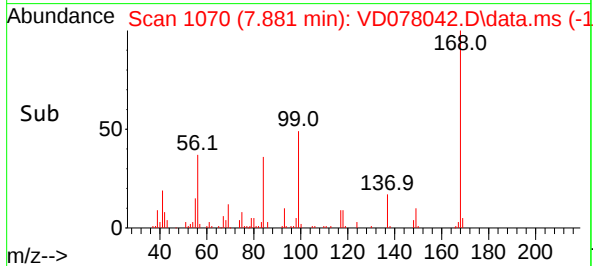
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBS02



Tgt Ion: 56 Resp: 3946
Ion Ratio Lower Upper
56 100
69 32.0 28.6 43.0
84 99.6 84.8 127.2

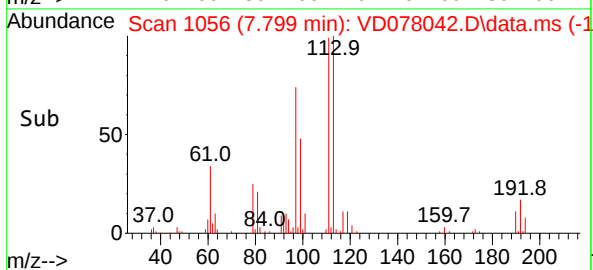
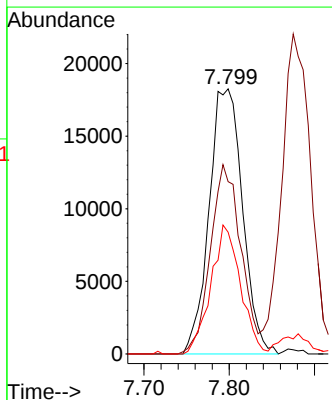
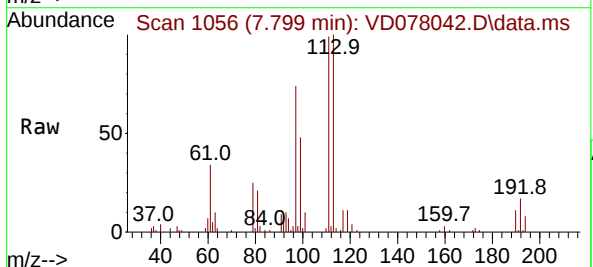
Manual Integrations
APPROVED

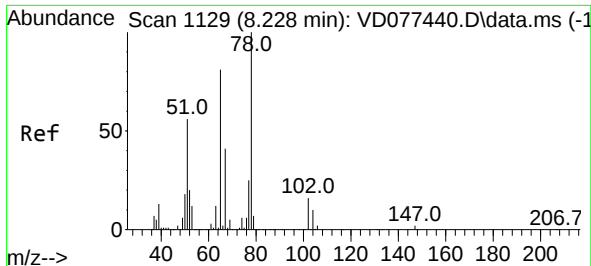
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#32
1,1,1-Trichloroethane
Concen: 24.284 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 97 Resp: 49863
Ion Ratio Lower Upper
97 100
99 64.9 52.0 78.0
61 43.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.654 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

Tgt Ion: 65 Resp: 6758

Ion Ratio Lower Upper

65 100

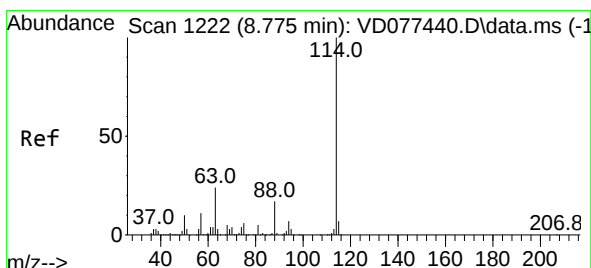
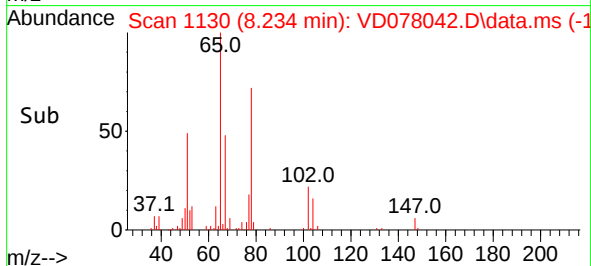
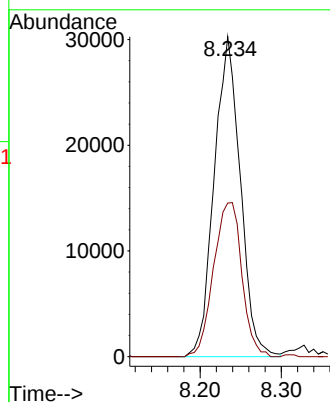
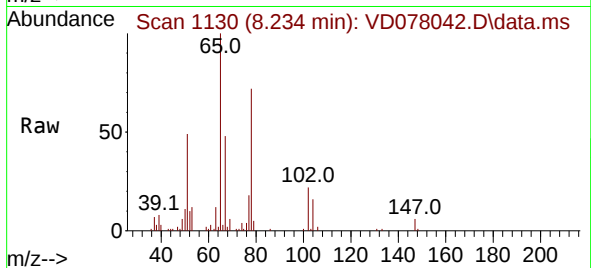
67 52.1 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

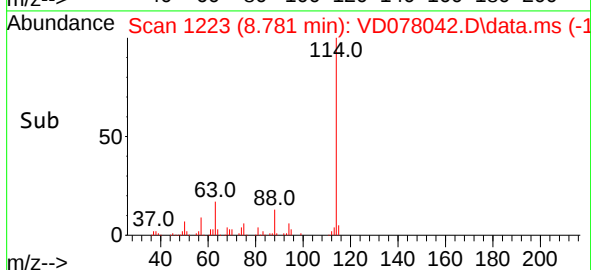
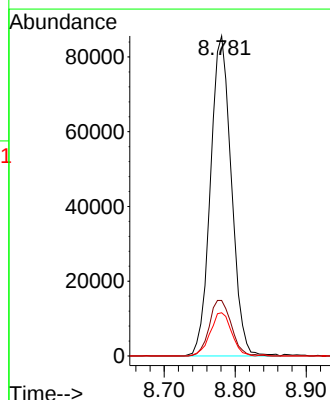
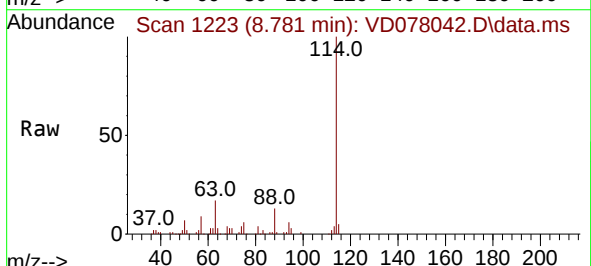
Tgt Ion:114 Resp: 174877

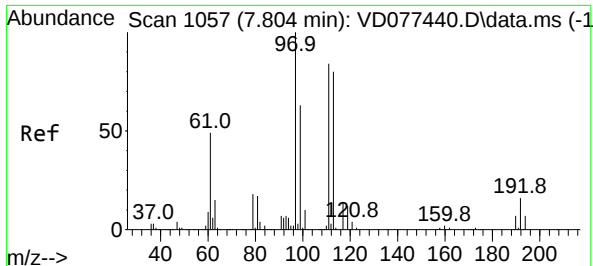
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 58.983 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

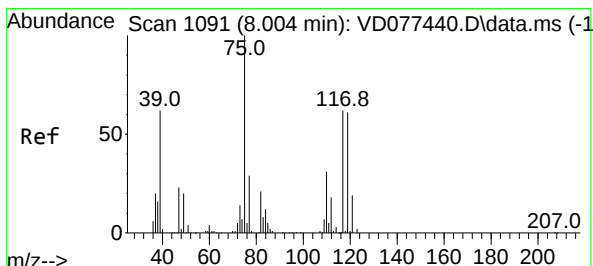
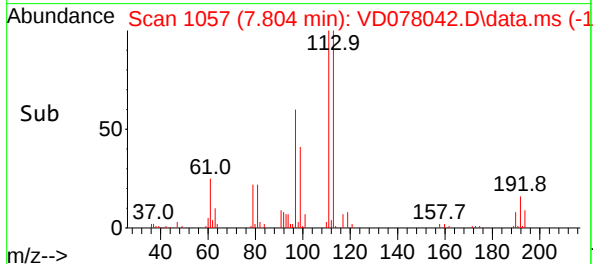
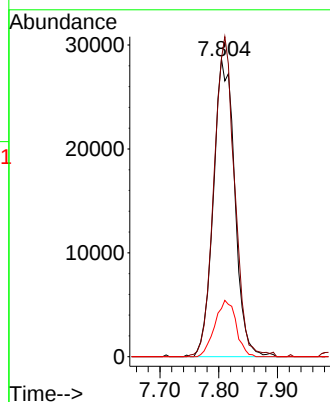
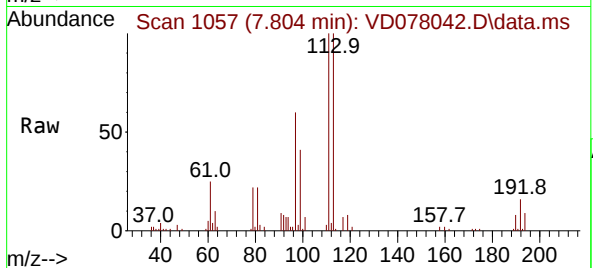
Tgt Ion: 113 Resp: 7225

Ion	Ratio	Lower	Upper
113	100		
111	104.1	84.7	127.1
192	18.8	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#36

1,1-Dichloropropene

Concen: 21.518 ug/l

RT: 8.010 min Scan# 1092

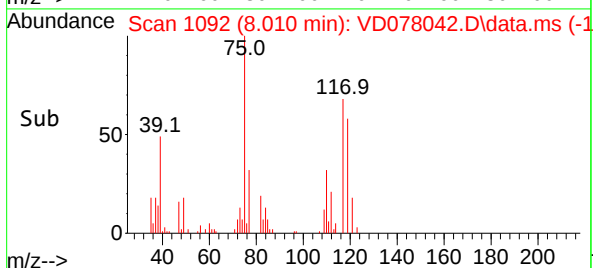
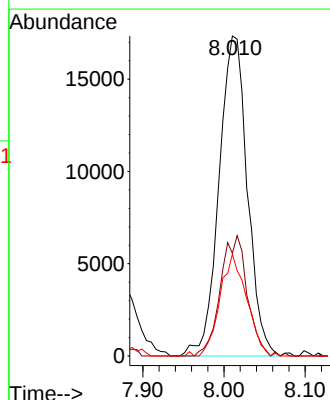
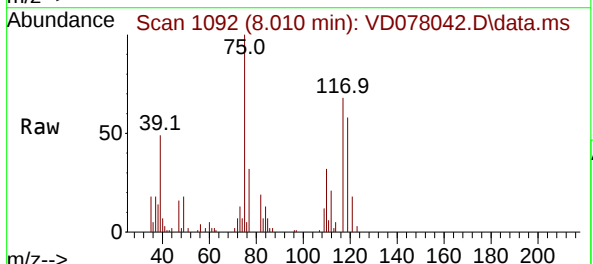
Delta R.T. 0.006 min

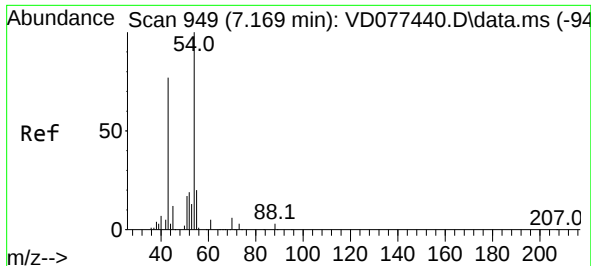
Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Tgt Ion: 75 Resp: 42162

Ion	Ratio	Lower	Upper
75	100		
110	35.4	19.9	59.6
77	30.0	24.7	37.1





#37

Ethyl Acetate

Concen: 17.999 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078042.D

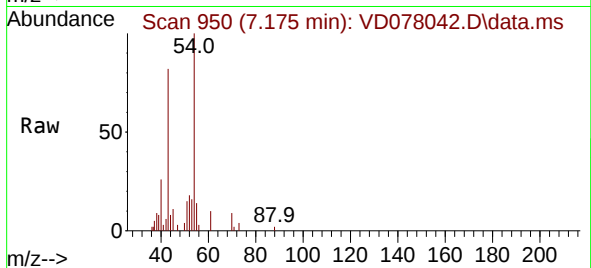
Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02



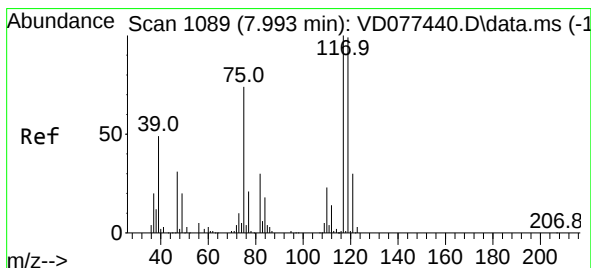
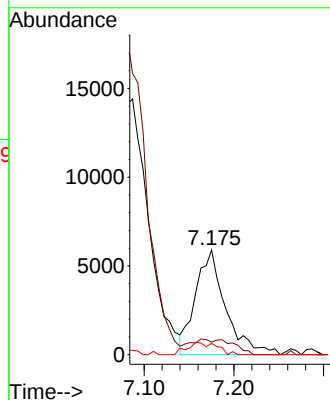
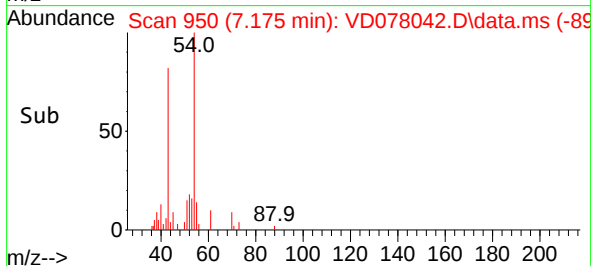
Tgt Ion:	43	Resp:	1375
Ion Ratio	Lower	Upper	
43	100		
61	0.0	14.9	22.3
70	11.6	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#38

Carbon Tetrachloride

Concen: 22.849 ug/l

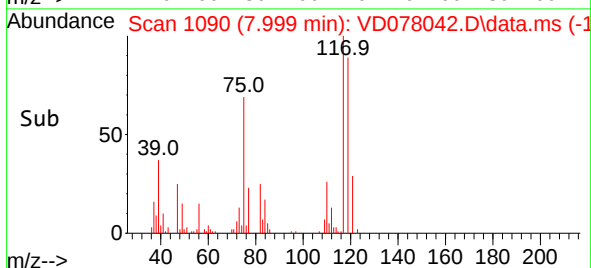
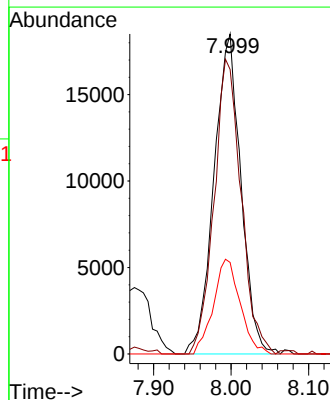
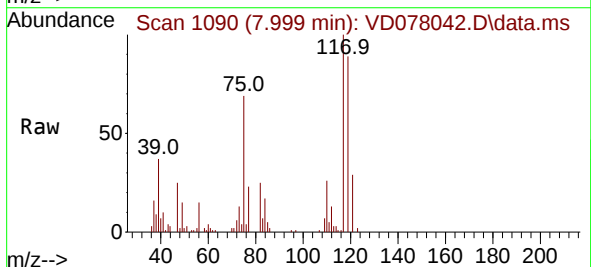
RT: 7.999 min Scan# 1090

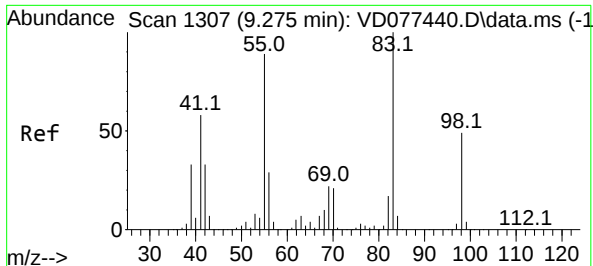
Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Tgt Ion:	117	Resp:	44633
Ion Ratio	Lower	Upper	
117	100		
119	88.9	78.0	117.0
121	28.6	24.2	36.2





#39

Methylcyclohexane

Concen: 18.879 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

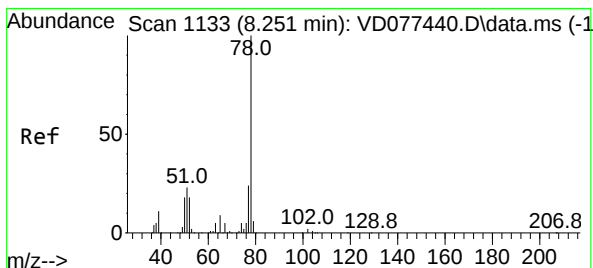
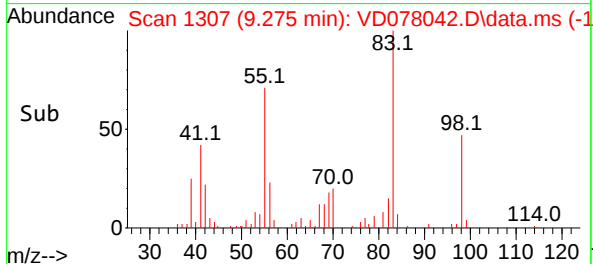
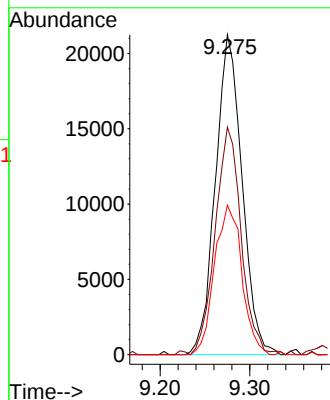
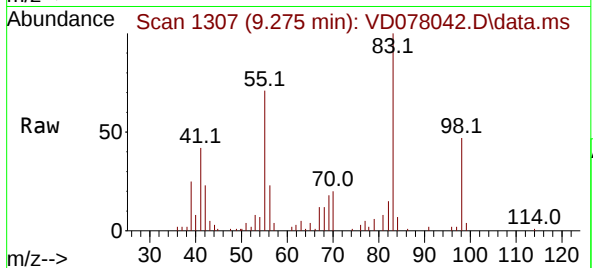
Tgt Ion: 83 Resp: 4385

Ion	Ratio	Lower	Upper
83	100		
55	70.1	49.4	74.0
98	46.7	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#40

Benzene

Concen: 23.119 ug/l

RT: 8.252 min Scan# 1133

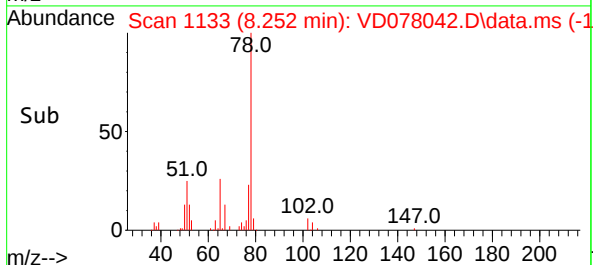
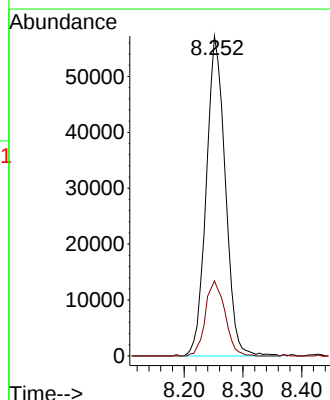
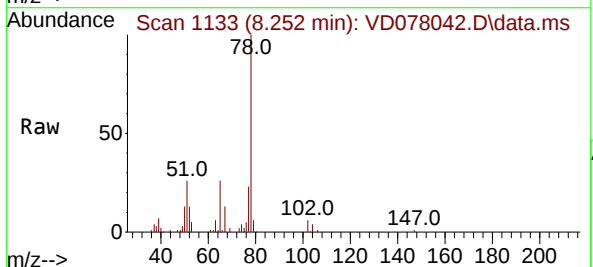
Delta R.T. 0.001 min

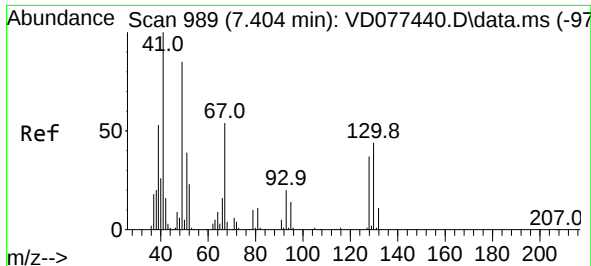
Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Tgt Ion: 78 Resp: 128568

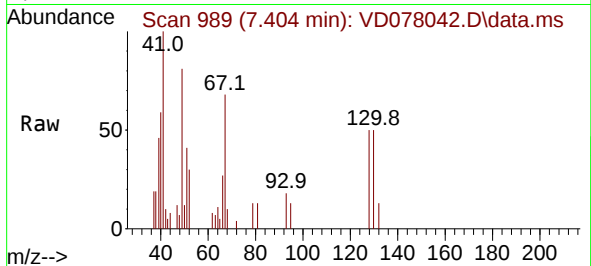
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





#41
Methacrylonitrile
Concen: 24.722 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

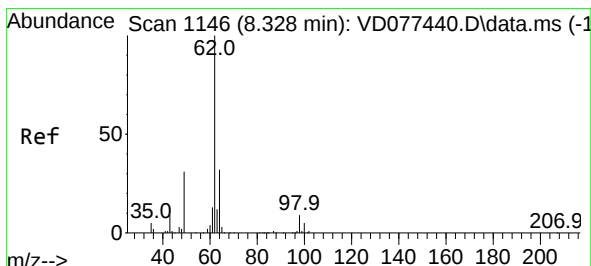
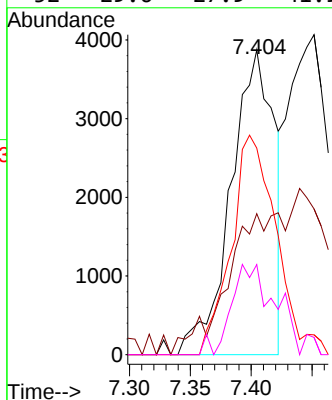
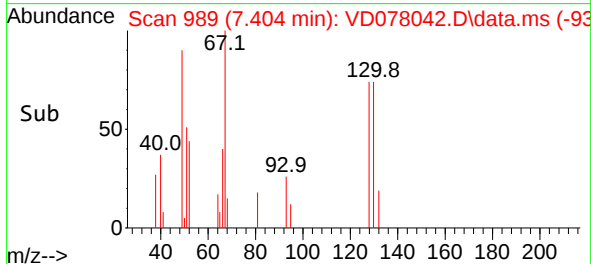
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



Tgt Ion: 41 Resp: 9600
Ion Ratio Lower Upper
41 100
39 0.0 34.0 51.0
67 74.8 77.0 115.4
52 29.6 27.9 41.9

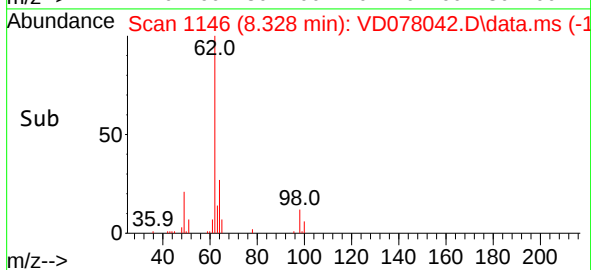
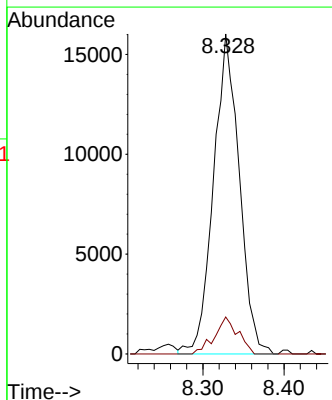
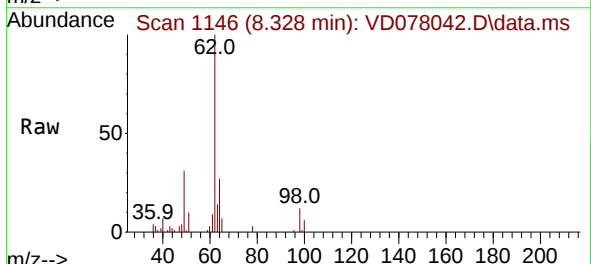
Manual Integrations
APPROVED

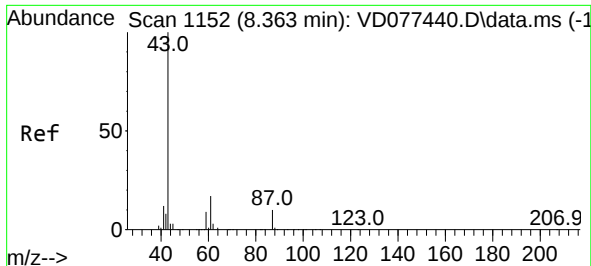
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#42
1,2-Dichloroethane
Concen: 24.505 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

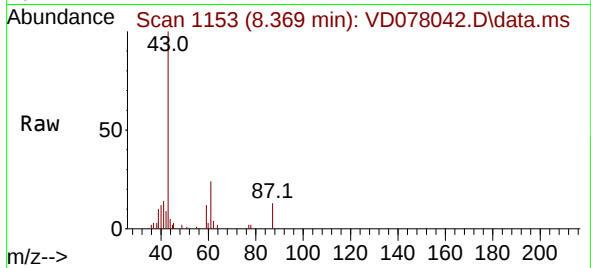
Tgt Ion: 62 Resp: 35325
Ion Ratio Lower Upper
62 100
98 10.5 0.0 25.4





#43
Isopropyl Acetate
Concen: 19.760 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

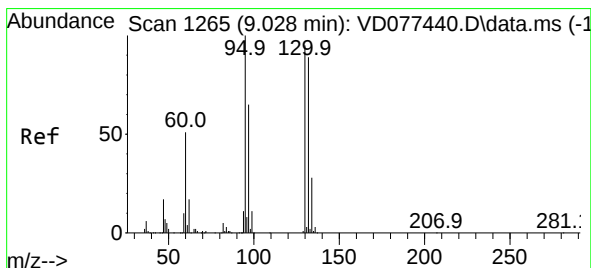
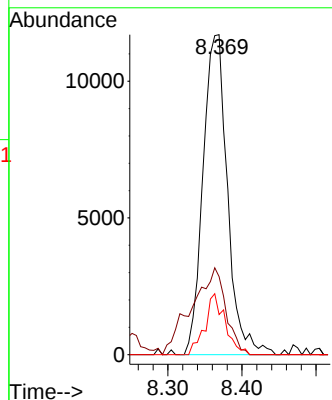
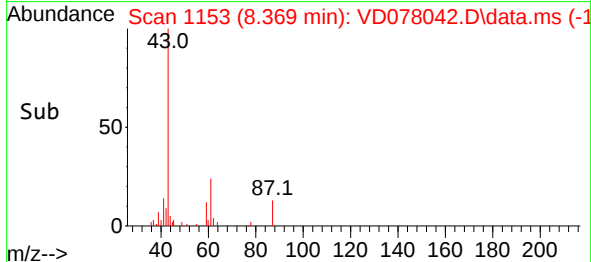
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



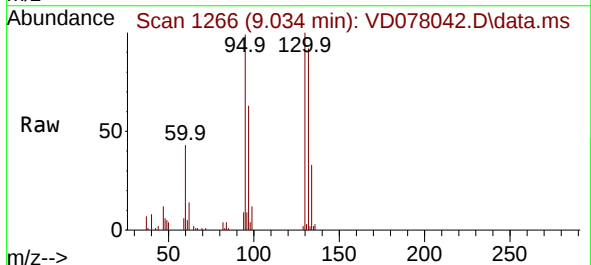
Tgt Ion: 43 Resp: 2683
Ion Ratio Lower Upper
43 100
61 37.9 31.4 47.0
87 15.8 14.9 22.3

Manual Integrations
APPROVED

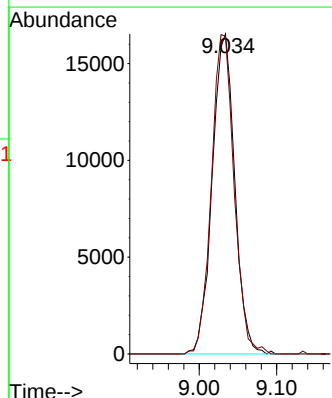
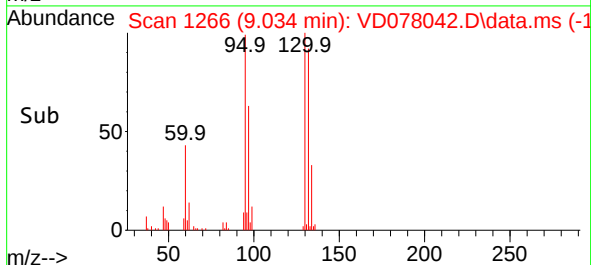
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

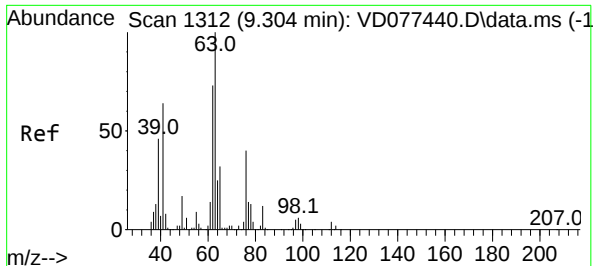


#44
Trichloroethene
Concen: 23.044 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



Tgt Ion:130 Resp: 33396
Ion Ratio Lower Upper
130 100
95 99.3 0.0 179.2





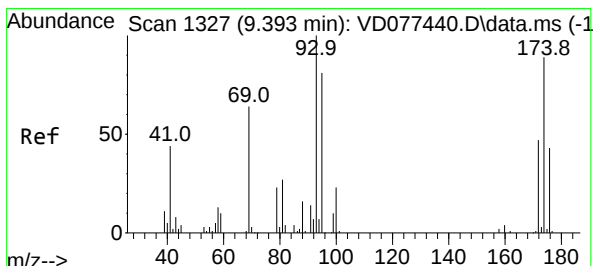
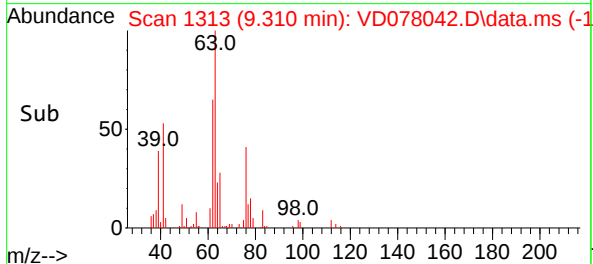
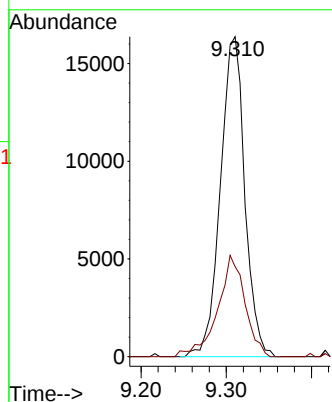
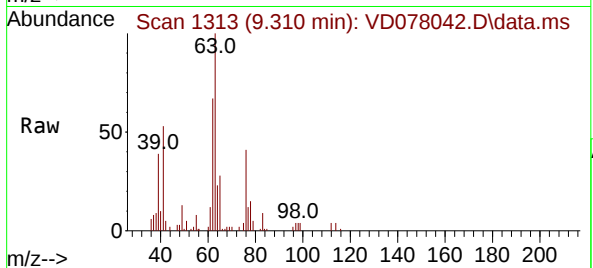
#45
1,2-Dichloropropane
Concen: 24.069 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02

Tgt Ion: 63 Resp: 32539
Ion Ratio Lower Upper
63 100
65 28.2 24.5 36.7

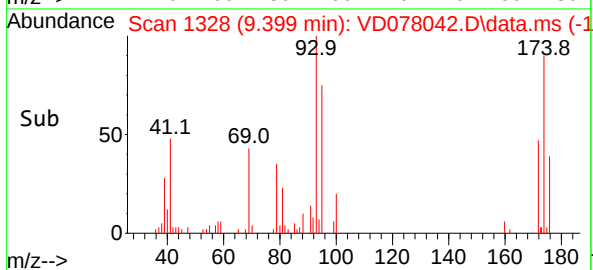
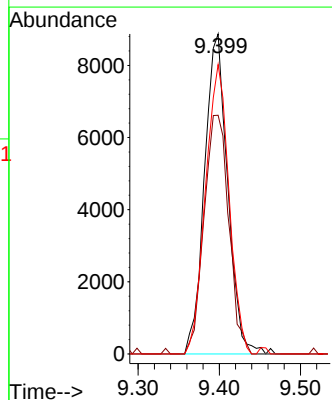
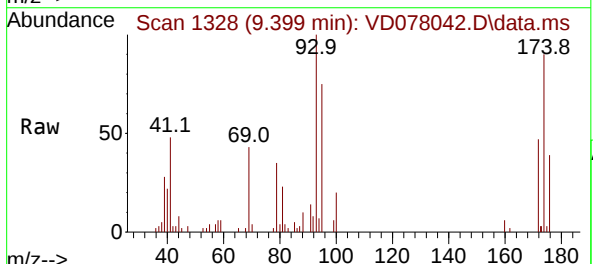
Manual Integrations
APPROVED

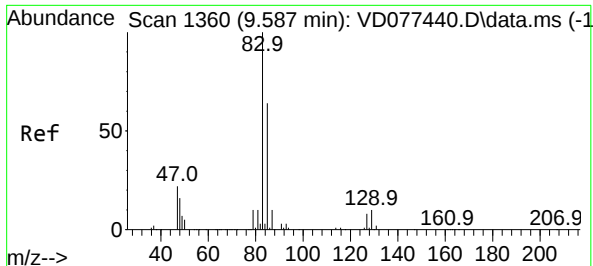
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#46
Dibromomethane
Concen: 24.549 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.005 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

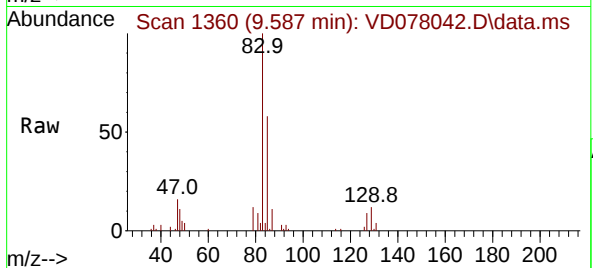
Tgt Ion: 93 Resp: 17560
Ion Ratio Lower Upper
93 100
95 79.9 67.7 101.5
174 92.0 85.4 128.2





#47
Bromodichloromethane
Concen: 25.416 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

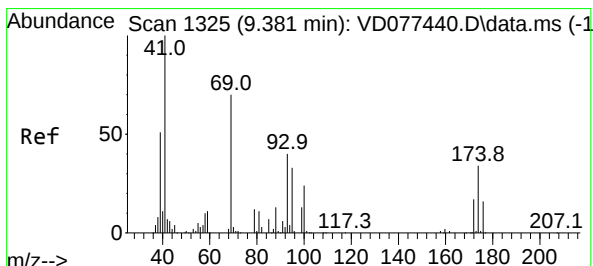
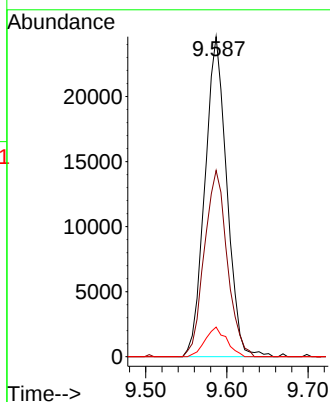
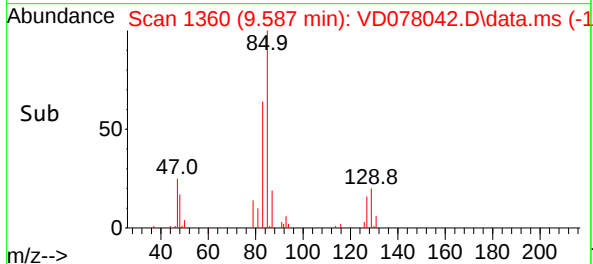
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



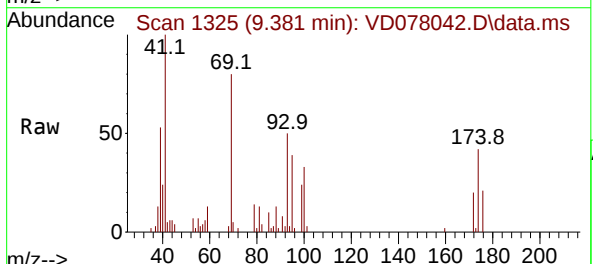
Tgt Ion: 83 Resp: 46080
Ion Ratio Lower Upper
83 100
85 58.2 50.2 75.4
127 9.3 6.3 9.5

Manual Integrations
APPROVED

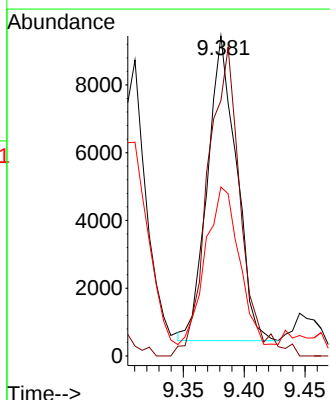
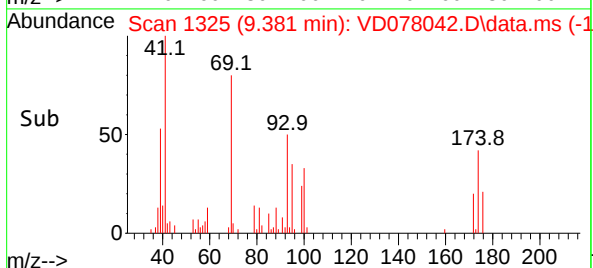
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

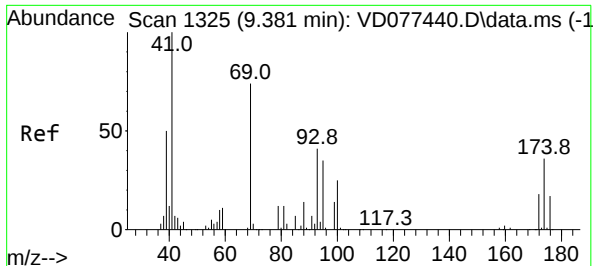


#48
Methyl methacrylate
Concen: 19.331 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



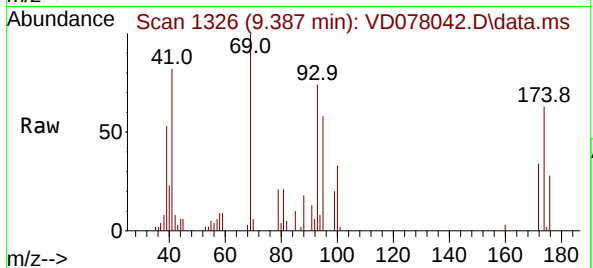
Tgt Ion: 41 Resp: 14924
Ion Ratio Lower Upper
41 100
69 114.3 102.2 153.2
39 70.4 41.4 62.2#





#49
1,4-Dioxane
Concen: 394.072 ug/l
RT: 9.387 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

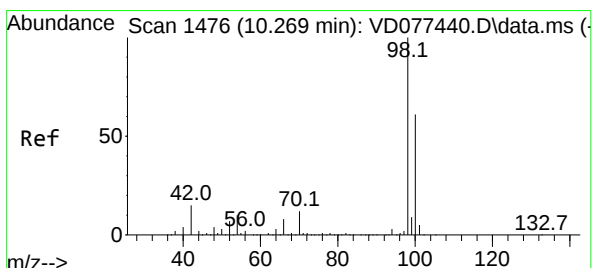
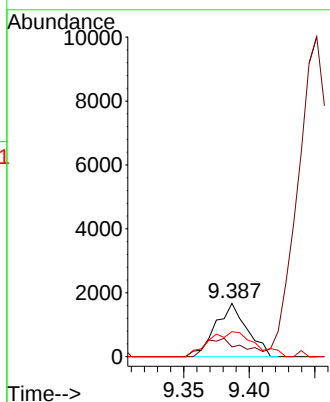
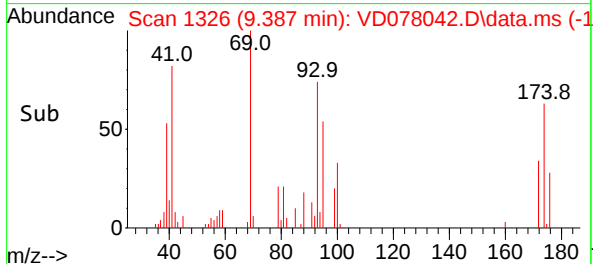
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



Tgt Ion: 88 Resp: 2799
Ion Ratio Lower Upper
88 100
43 39.5 19.0 28.6
58 68.3 43.5 65.3

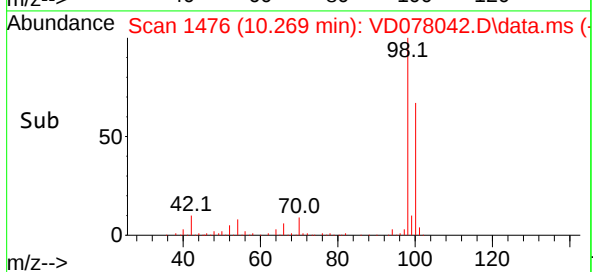
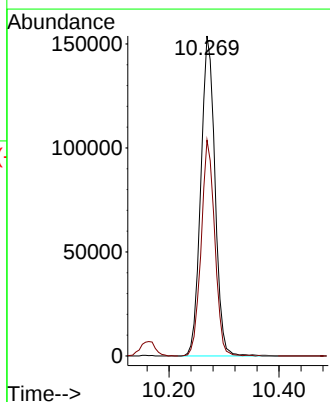
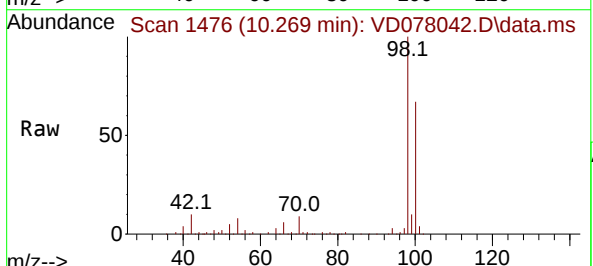
Manual Integrations
APPROVED

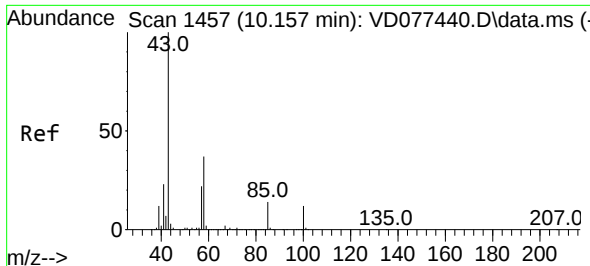
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#50
Toluene-d8
Concen: 56.072 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion: 98 Resp: 275097
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5





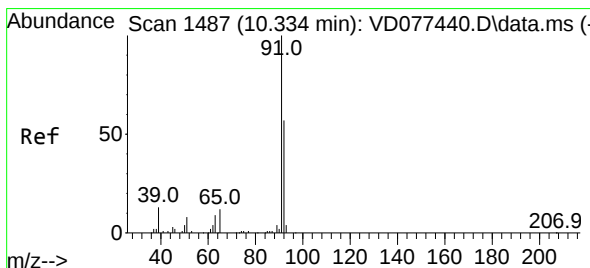
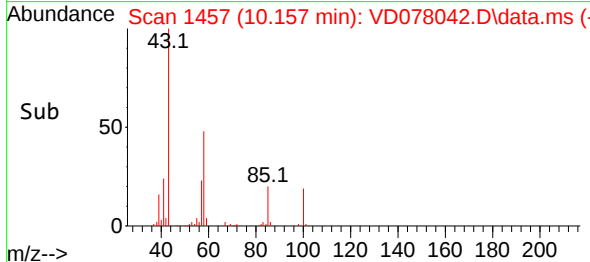
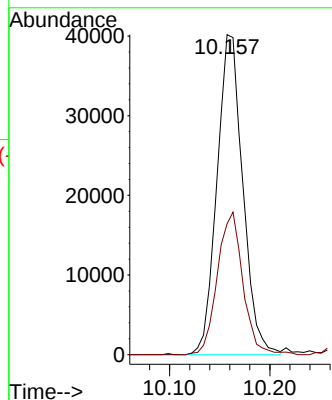
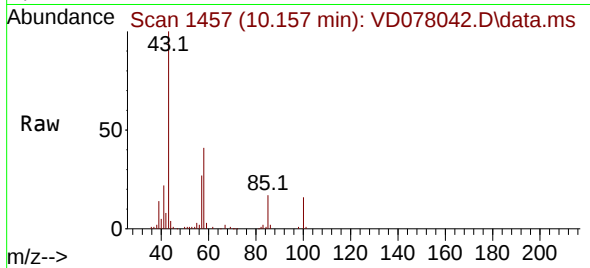
#51
4-Methyl-2-Pentanone
Concen: 103.815 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02

Tgt Ion: 43 Resp: 7195
Ion Ratio Lower Upper
43 100
58 43.9 38.9 58.3

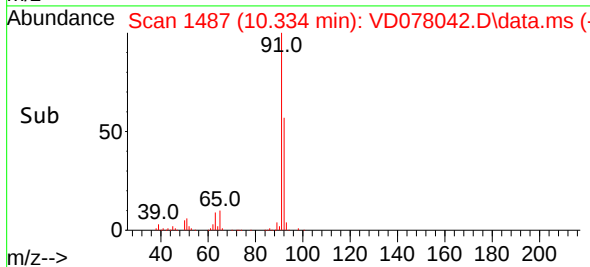
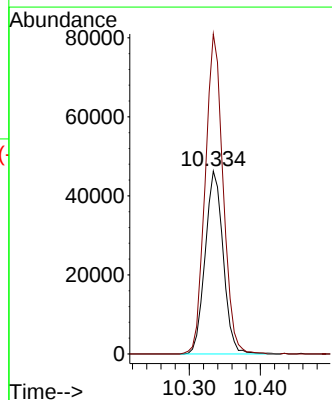
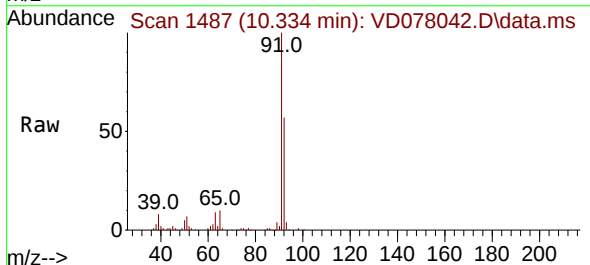
Manual Integrations
APPROVED

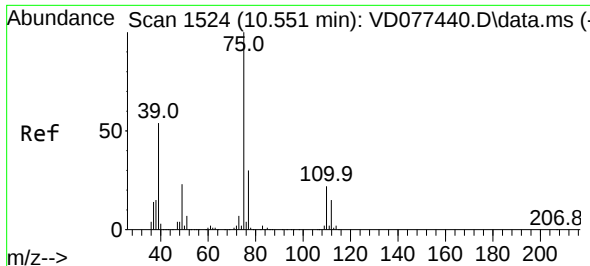
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#52
Toluene
Concen: 23.684 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

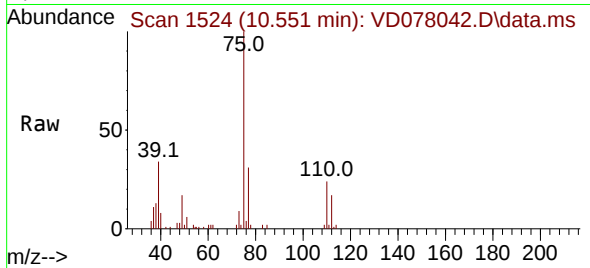
Tgt Ion: 92 Resp: 81701
Ion Ratio Lower Upper
92 100
91 173.6 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 22.895 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

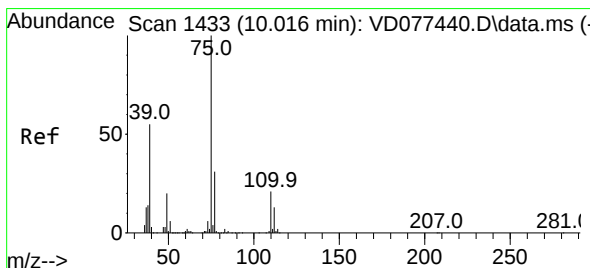
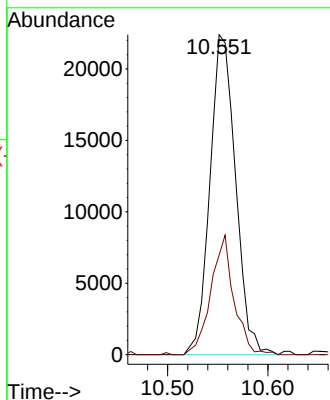
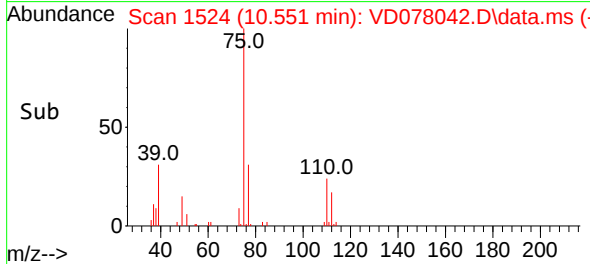
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



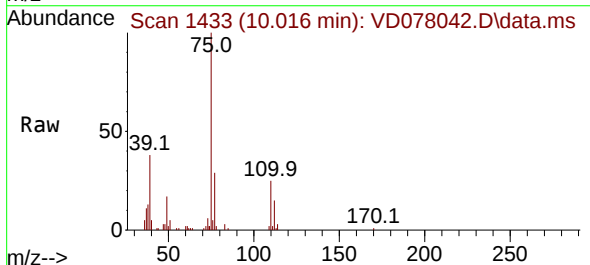
Tgt Ion: 75 Resp: 3986
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9

Manual Integrations
APPROVED

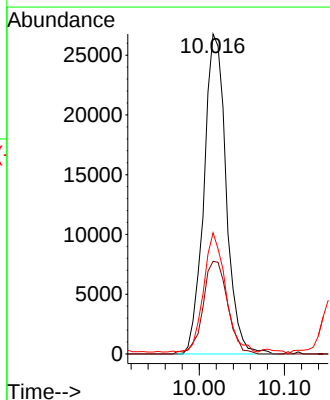
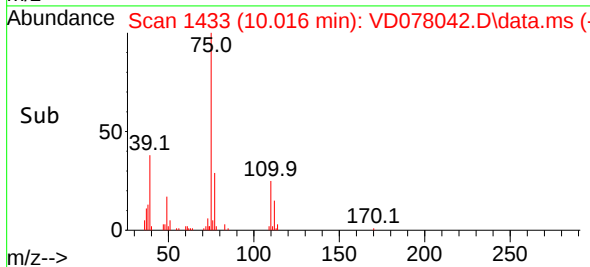
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

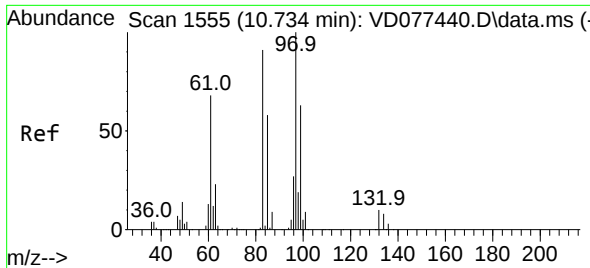


#54
cis-1,3-Dichloropropene
Concen: 23.049 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



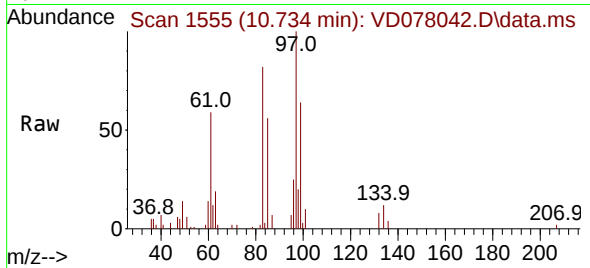
Tgt Ion: 75 Resp: 48518
Ion Ratio Lower Upper
75 100
77 29.0 25.5 38.3
39 37.2 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 24.873 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

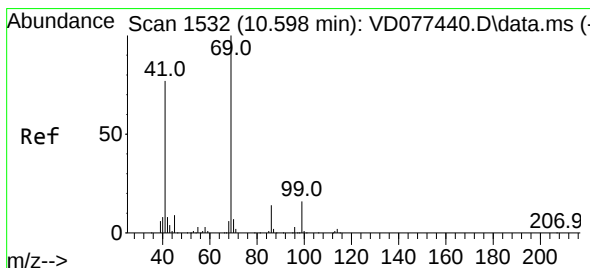
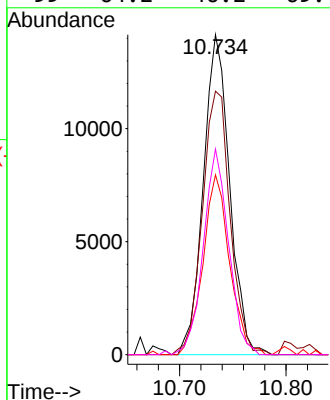
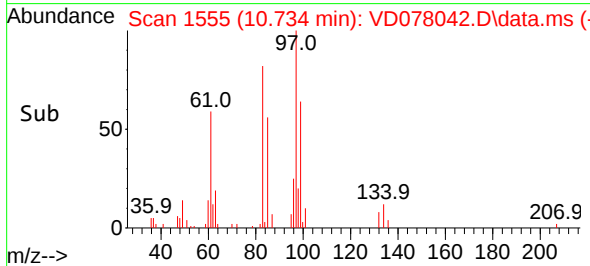
Instrument : MSVOA_D
ClientSampleId : VD1221SBSD02



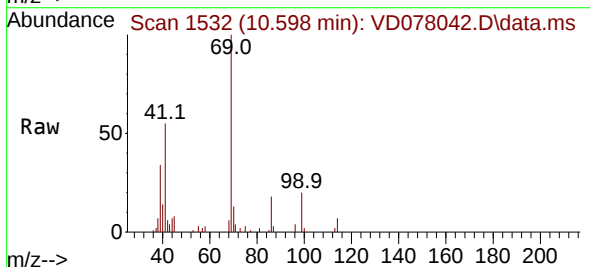
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.8	98.6
85	56.2	45.7	68.5
99	64.2	46.2	69.4

Manual Integrations
APPROVED

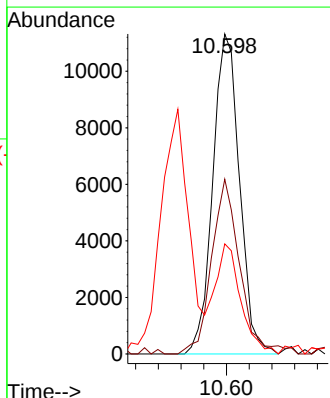
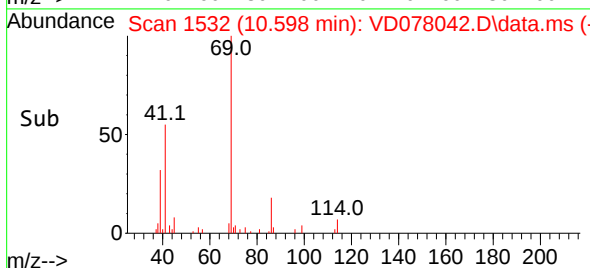
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

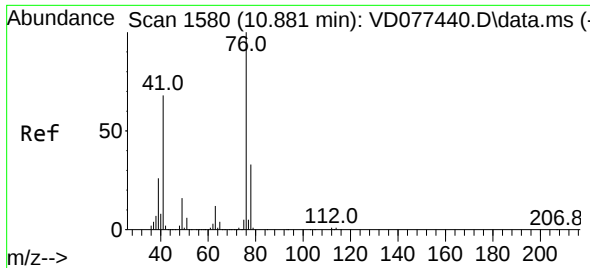


#56
Ethyl methacrylate
Concen: 21.443 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.8	39.1	58.7
39	33.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 23.658 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBSD02

Tgt Ion: 76 Resp: 39900

Ion Ratio Lower Upper

76 100

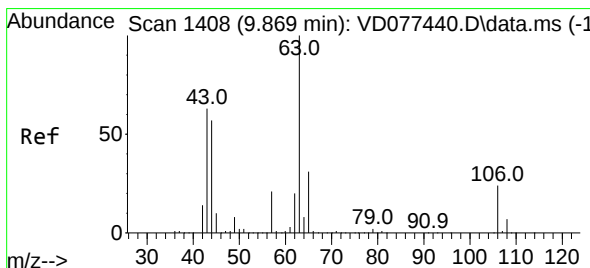
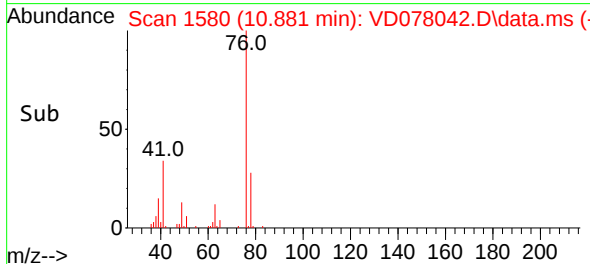
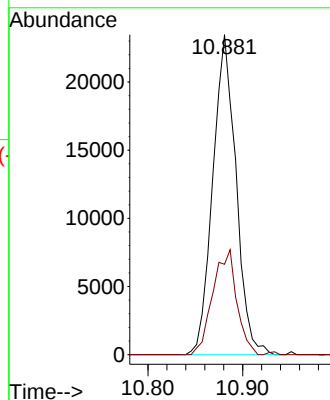
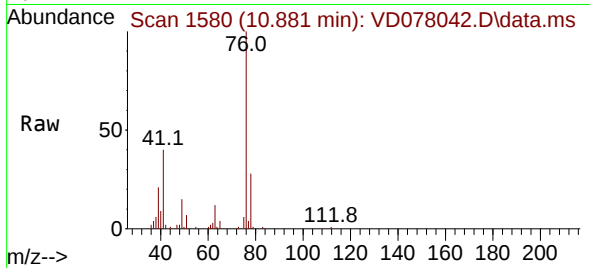
78 33.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023

Supervised By :Semsettin Yesilyurt 12/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 88.387 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078042.D

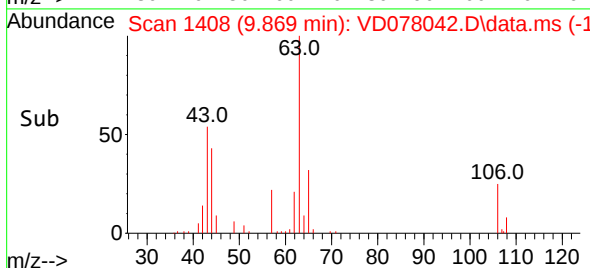
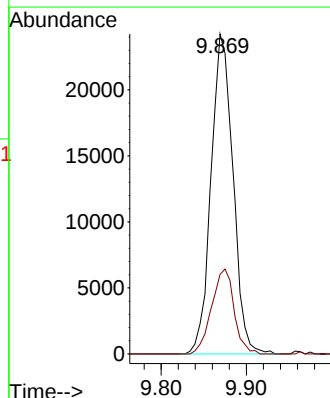
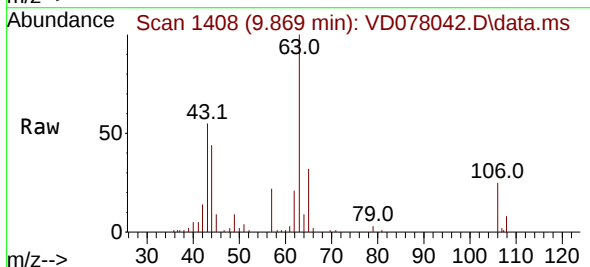
Acq: 22 Dec 2023 00:43

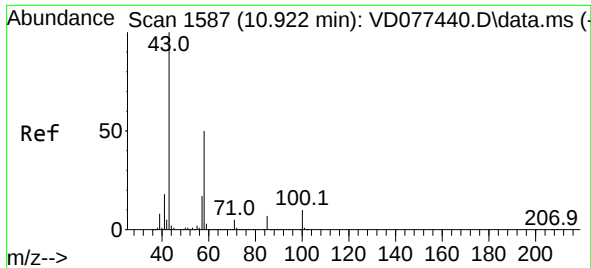
Tgt Ion: 63 Resp: 43475

Ion Ratio Lower Upper

63 100

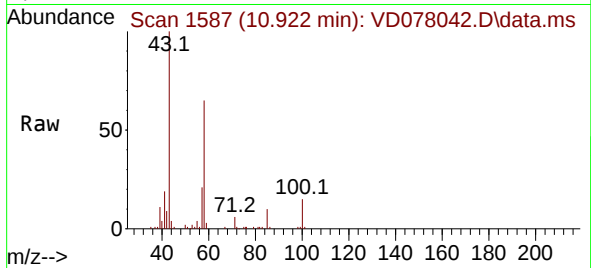
106 27.1 25.3 37.9





#59
2-Hexanone
Concen: 95.901 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

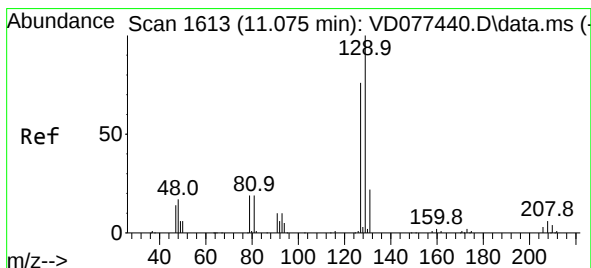
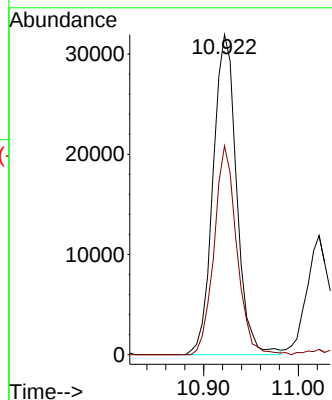
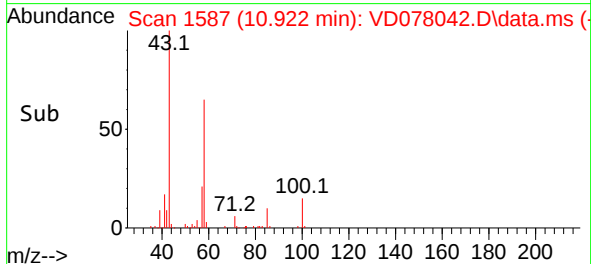
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



Tgt Ion: 43 Resp: 55148
Ion Ratio Lower Upper
43 100
58 62.7 34.1 102.2

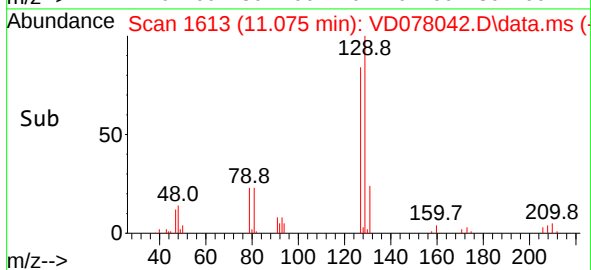
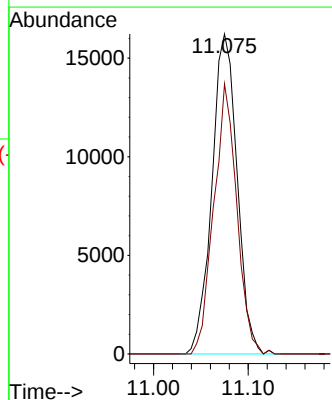
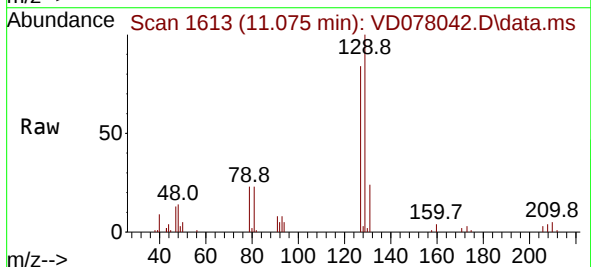
Manual Integrations
APPROVED

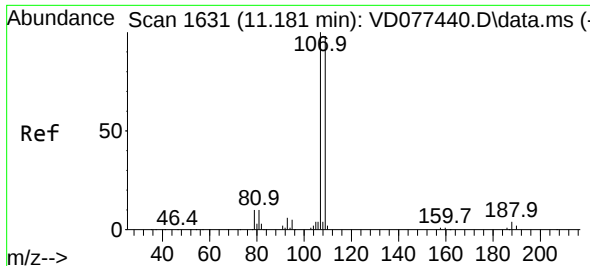
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#60
Dibromochloromethane
Concen: 25.512 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

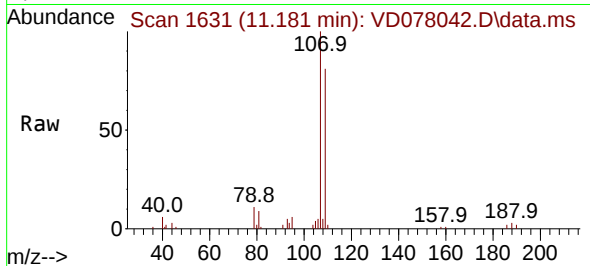
Tgt Ion:129 Resp: 30053
Ion Ratio Lower Upper
129 100
127 77.0 37.1 111.5





#61
1,2-Dibromoethane
Concen: 25.328 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

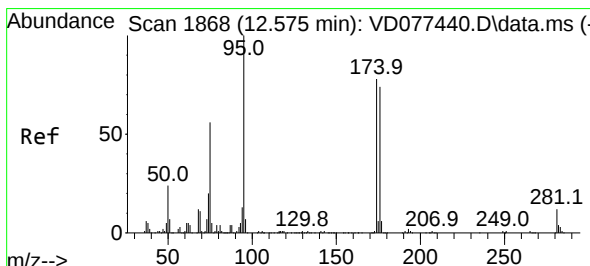
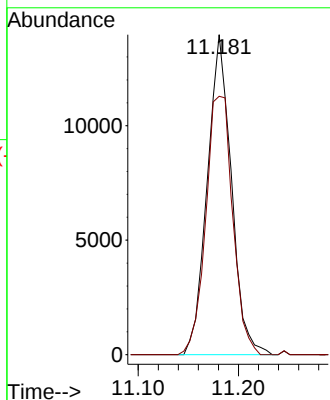
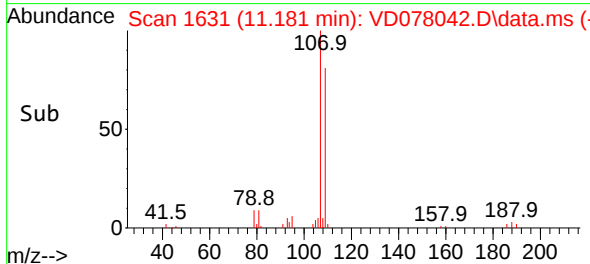
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



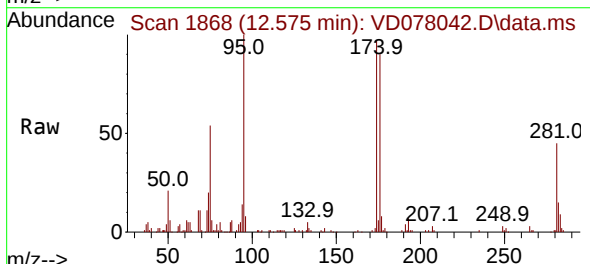
Tgt Ion:107 Resp: 23328
Ion Ratio Lower Upper
107 100
109 90.4 75.6 113.4

Manual Integrations
APPROVED

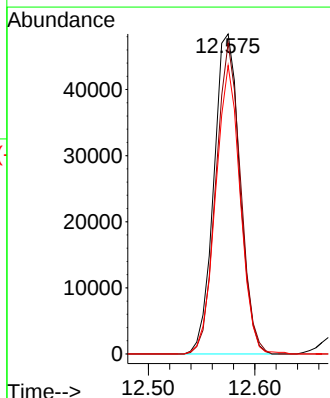
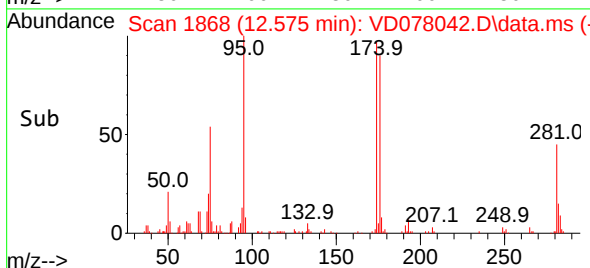
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

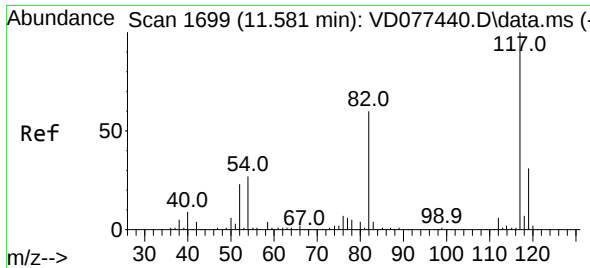


#62
4-Bromofluorobenzene
Concen: 55.789 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



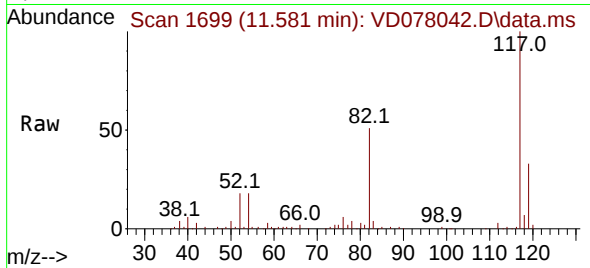
Tgt Ion: 95 Resp: 81831
Ion Ratio Lower Upper
95 100
174 92.3 0.0 201.8
176 85.6 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

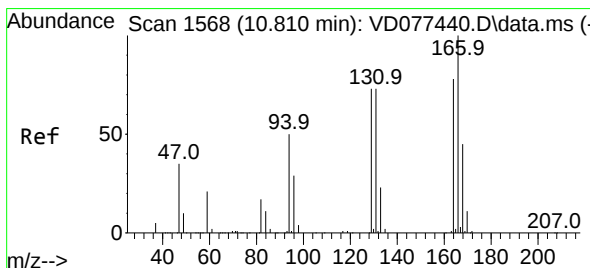
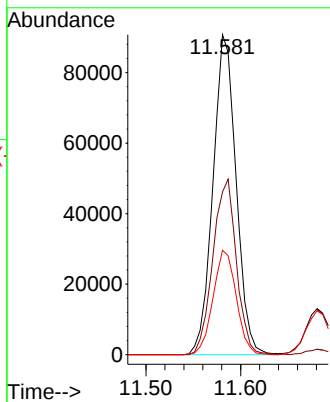
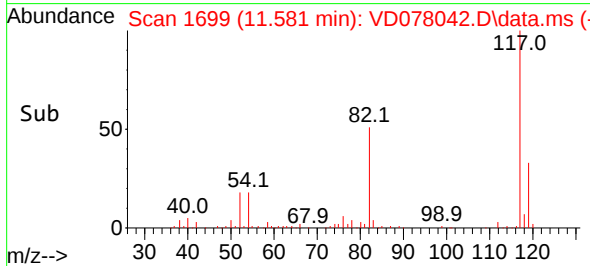
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



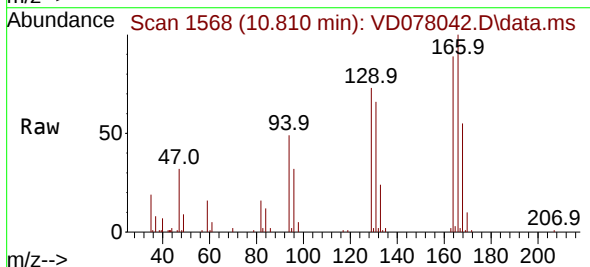
Tgt Ion:117 Resp: 154110
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 32.7 25.0 37.4

Manual Integrations
APPROVED

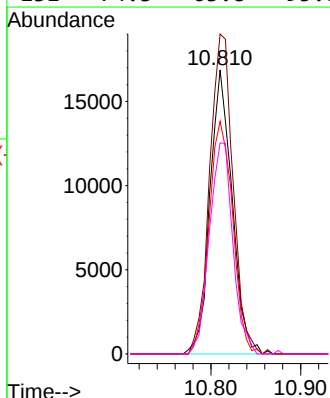
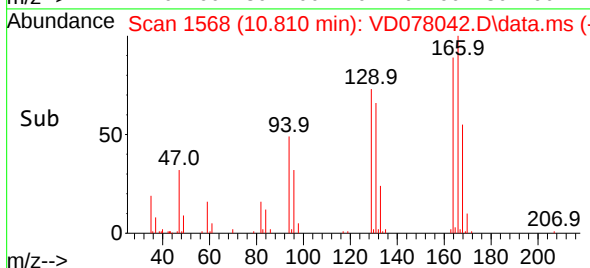
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

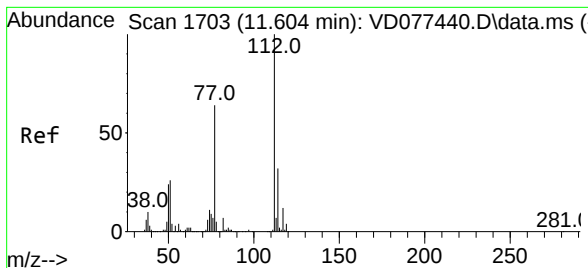


#64
Tetrachloroethene
Concen: 25.398 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



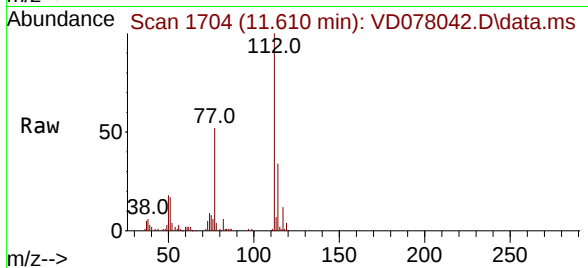
Tgt Ion:164 Resp: 28768
Ion Ratio Lower Upper
164 100
166 112.7 99.2 148.8
129 81.9 68.4 102.6
131 74.3 63.8 95.8





#65
Chlorobenzene
Concen: 23.529 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

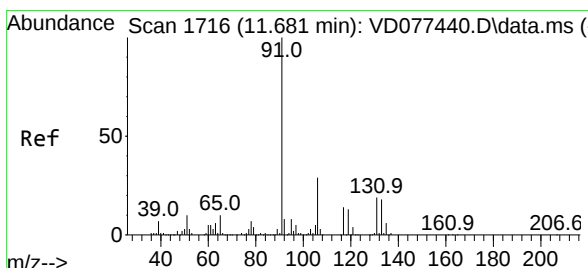
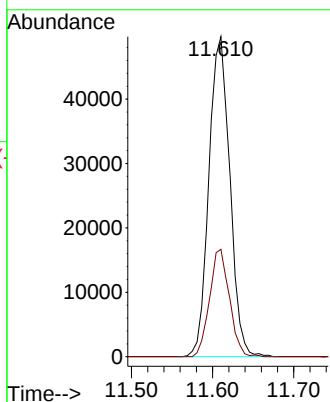
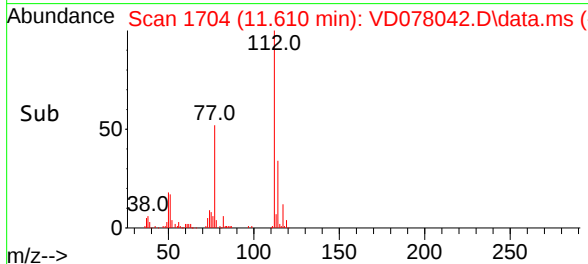
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



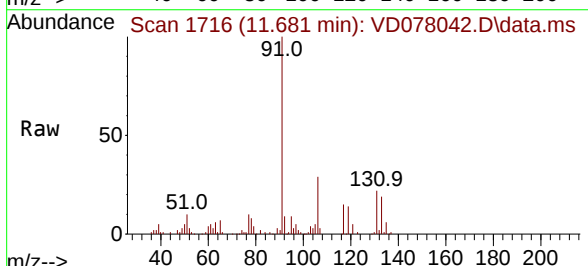
Tgt Ion:112 Resp: 89049
Ion Ratio Lower Upper
112 100
114 33.5 25.1 37.7

Manual Integrations
APPROVED

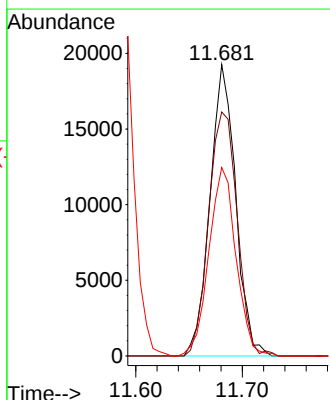
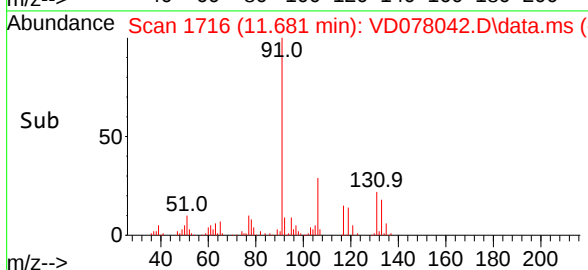
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

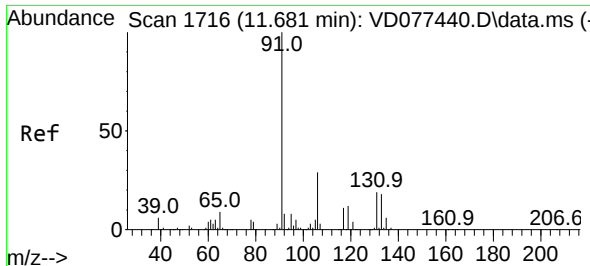


#66
1,1,1,2-Tetrachloroethane
Concen: 25.097 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



Tgt Ion:131 Resp: 32163
Ion Ratio Lower Upper
131 100
133 93.5 48.5 145.5
119 68.5 35.6 106.9





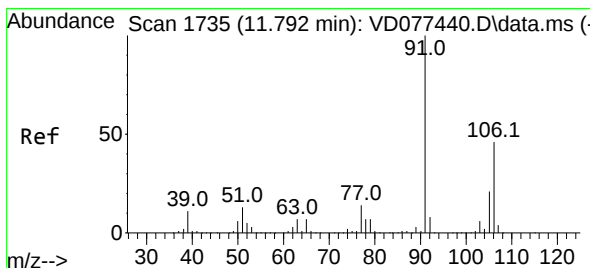
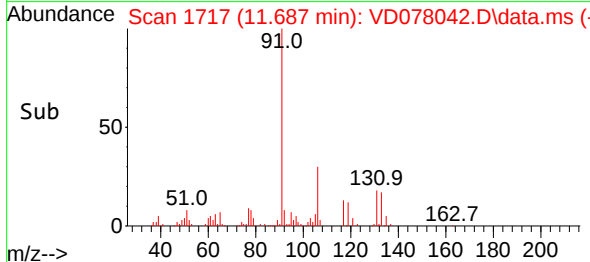
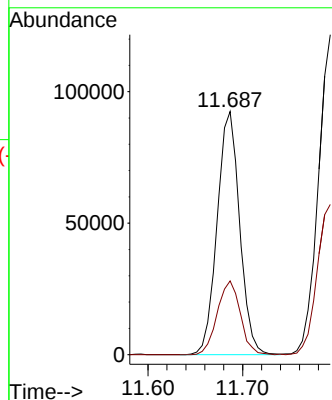
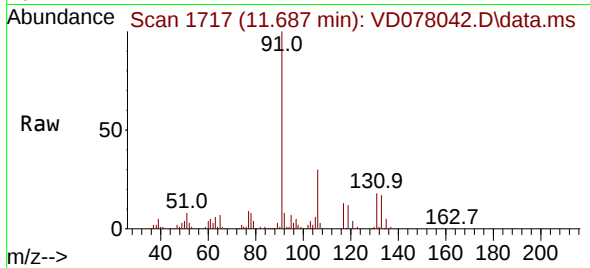
#67
Ethyl Benzene
Concen: 23.821 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02

Tgt Ion: 91 Resp: 152839
Ion Ratio Lower Upper
91 100
106 30.3 26.5 39.7

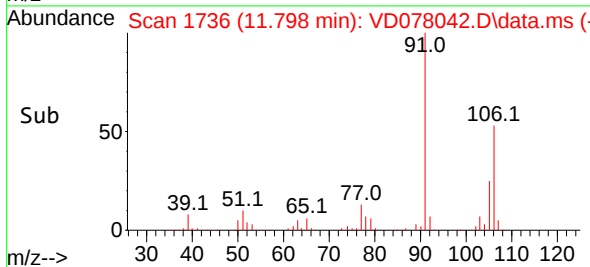
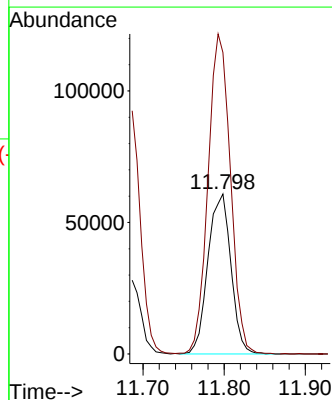
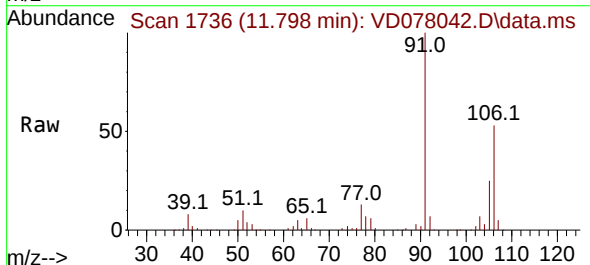
Manual Integrations
APPROVED

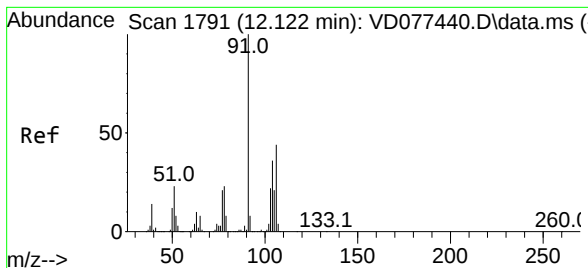
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#68
m/p-Xylenes
Concen: 48.693 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:106 Resp: 119502
Ion Ratio Lower Upper
106 100
91 195.3 147.0 220.6





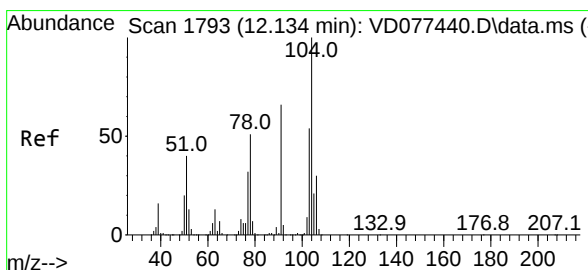
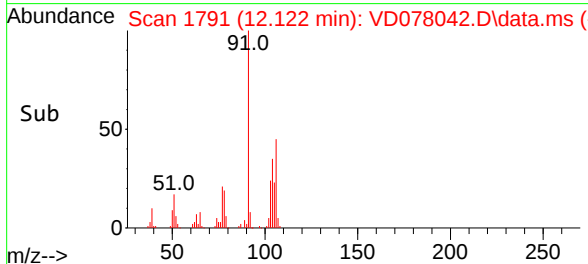
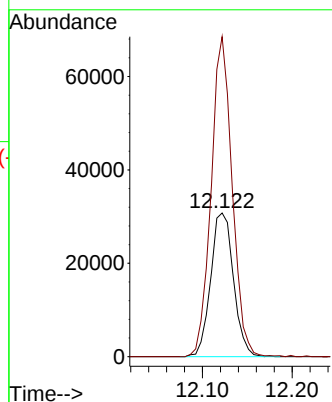
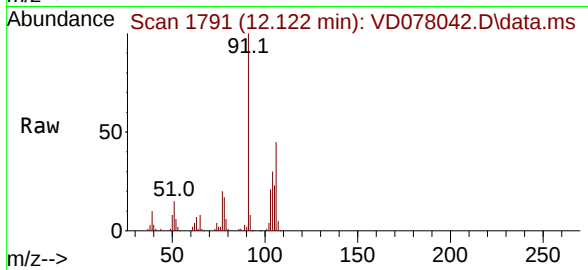
#69
o-Xylene
Concen: 24.006 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02

Tgt Ion:106 Resp: 54298
Ion Ratio Lower Upper
106 100
91 205.6 97.9 293.6

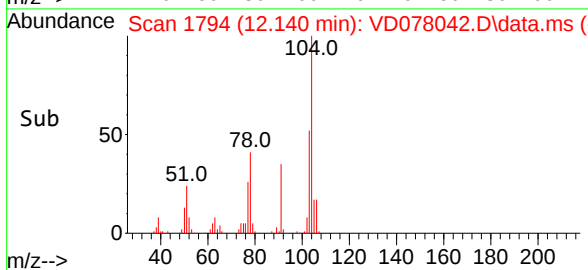
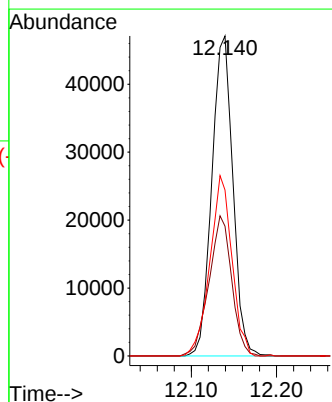
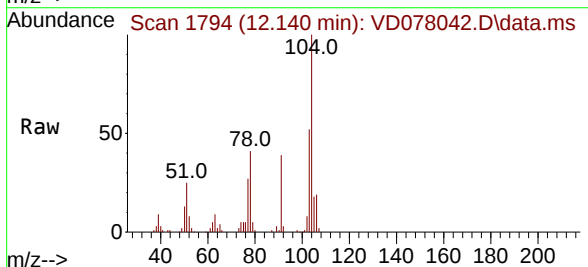
Manual Integrations
APPROVED

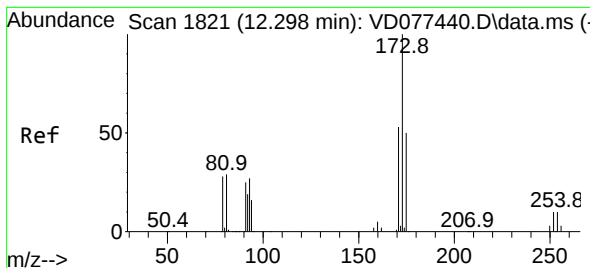
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#70
Styrene
Concen: 24.060 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:104 Resp: 80919
Ion Ratio Lower Upper
104 100
78 47.3 33.2 49.8
103 58.9 43.6 65.4





#71

Bromoform

Concen: 23.925 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

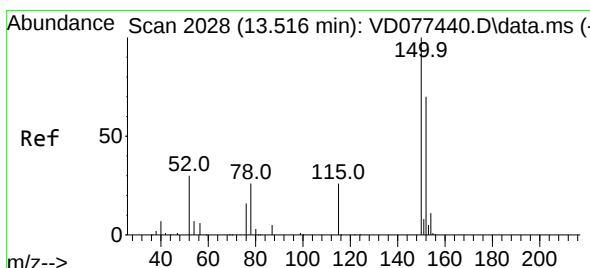
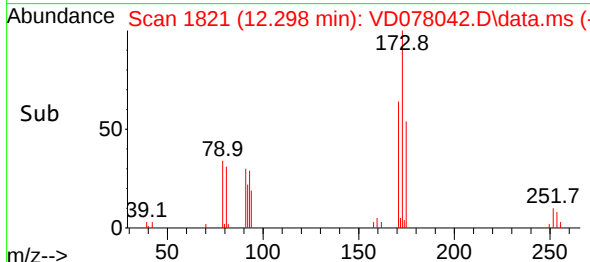
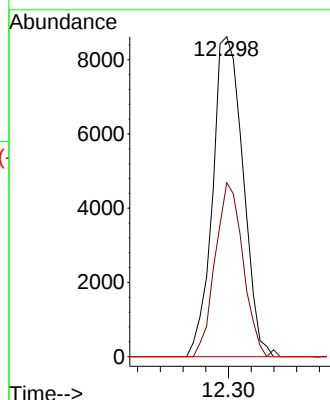
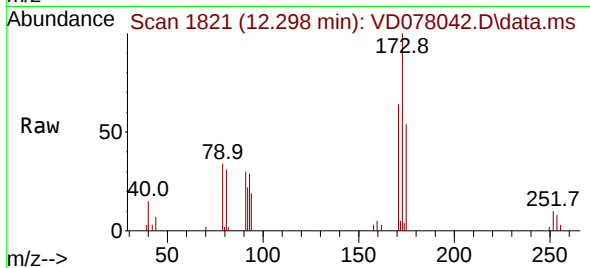
VD1221SBSD02

Tgt Ion:	173	Resp:	16020
Ion Ratio	Lower	Upper	
173	100		
175	50.0	24.6	73.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

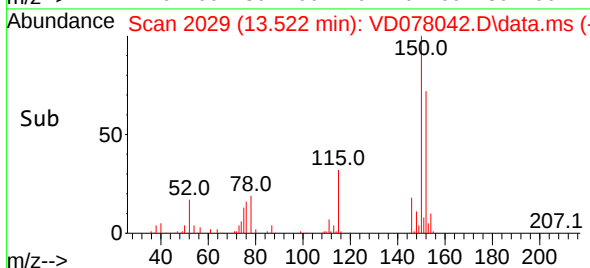
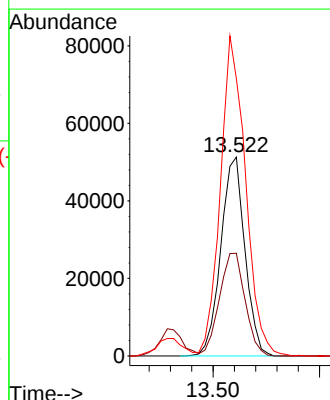
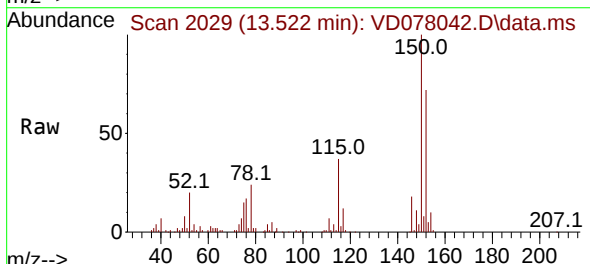
RT: 13.522 min Scan# 2029

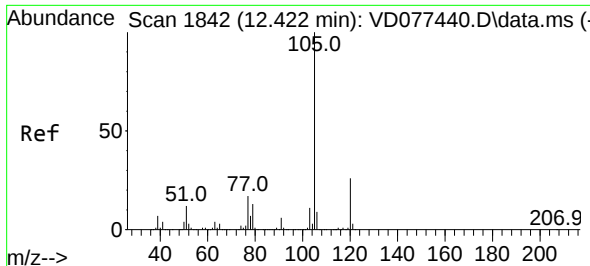
Delta R.T. 0.006 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

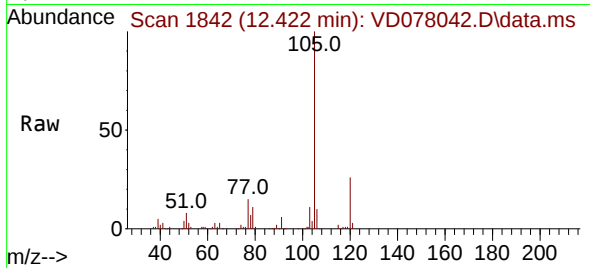
Tgt Ion:	152	Resp:	80566
Ion Ratio	Lower	Upper	
152	100		
115	55.0	27.1	81.3
150	168.0	0.0	353.6





#73
Isopropylbenzene
Concen: 23.761 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

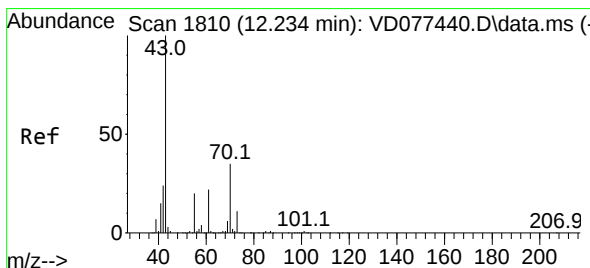
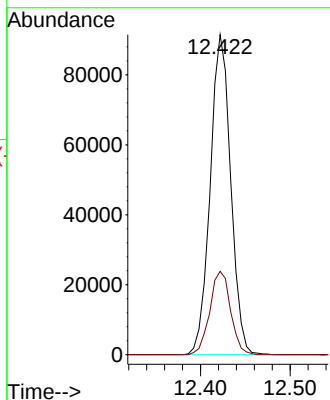
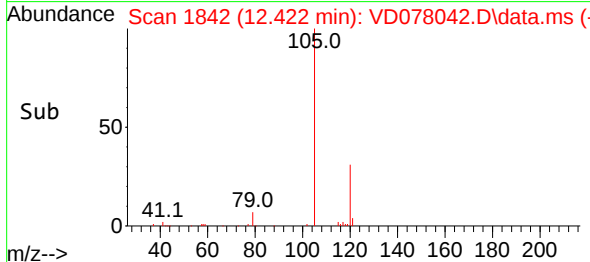
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



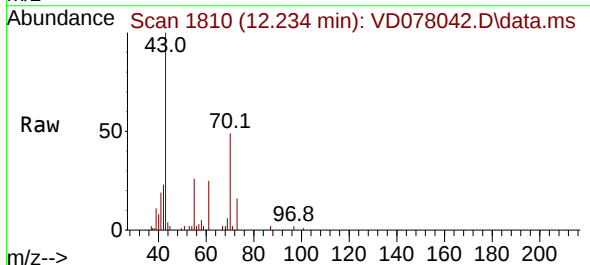
Tgt Ion:105 Resp: 14509
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9

Manual Integrations
APPROVED

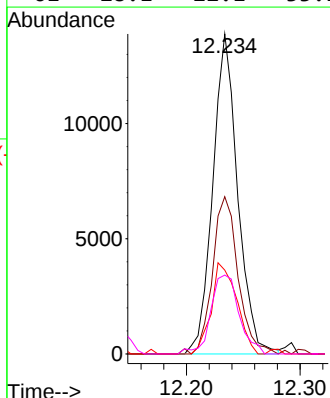
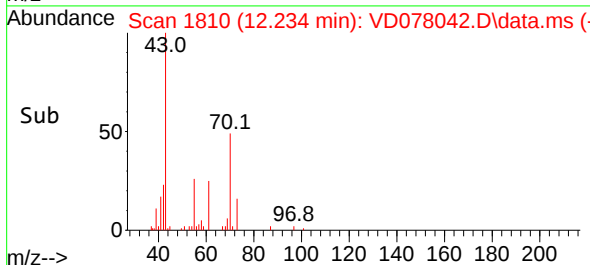
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

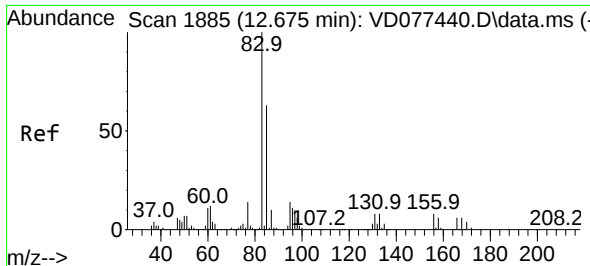


#74
N-ethyl acetate
Concen: 17.621 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



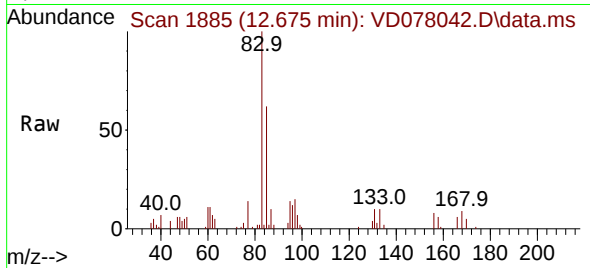
Tgt Ion: 43 Resp: 21151
Ion Ratio Lower Upper
43 100
70 50.5 45.0 67.4
55 29.1 23.8 35.6
61 28.1 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 25.690 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

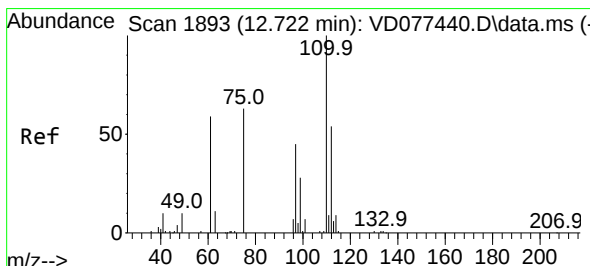
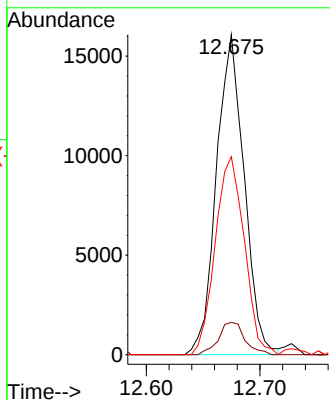
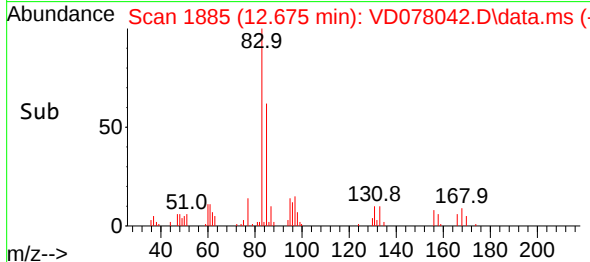
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



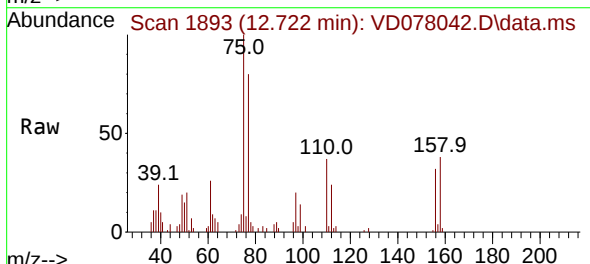
Tgt Ion: 83 Resp: 27352
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 64.6 32.6 97.8

Manual Integrations
APPROVED

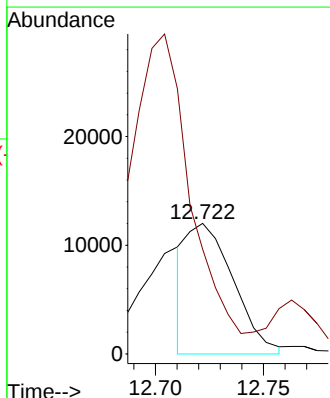
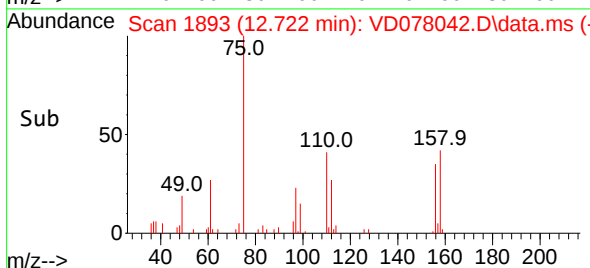
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

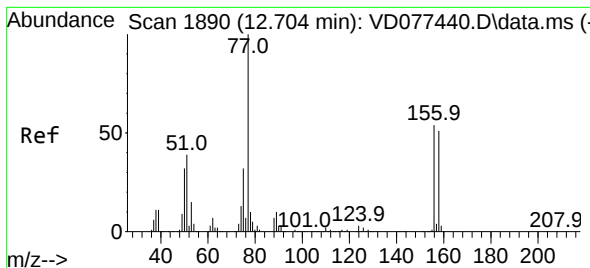


#76
1,2,3-Trichloropropane
Concen: 25.825 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



Tgt Ion: 75 Resp: 18070
Ion Ratio Lower Upper
75 100
77 318.1 0.0 0.0#





#77

Bromobenzene

Concen: 24.652 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

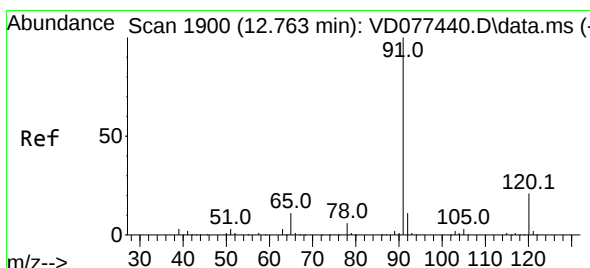
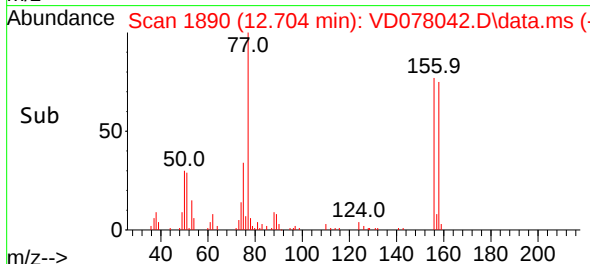
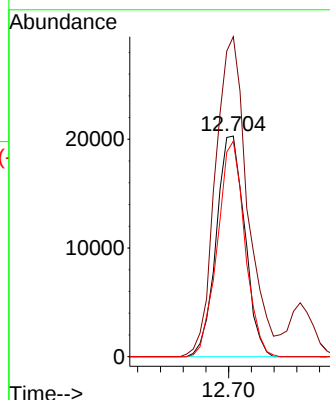
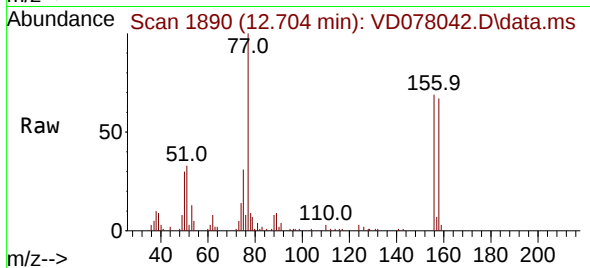
VD1221SBSD02

Tgt Ion:	156	Resp:	3540
Ion Ratio	Lower	Upper	
156	100		
77	162.4	76.8	230.4
158	93.9	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#78

n-propylbenzene

Concen: 24.063 ug/l

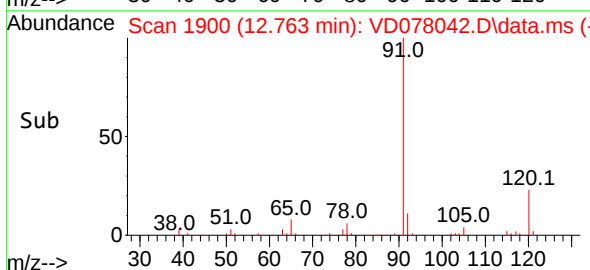
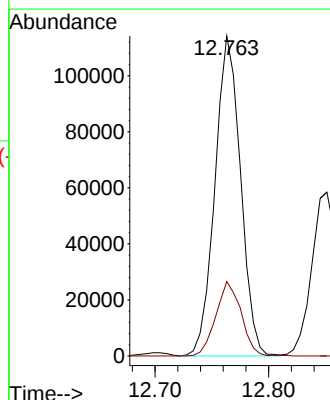
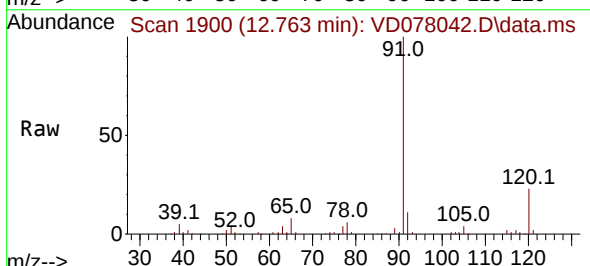
RT: 12.763 min Scan# 1900

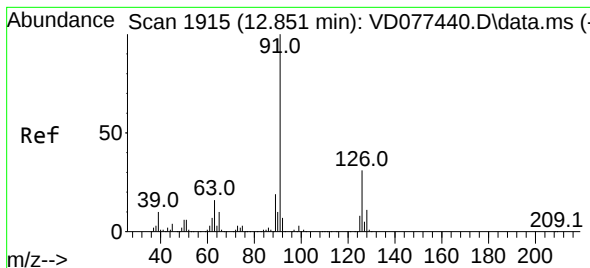
Delta R.T. 0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Tgt Ion:	91	Resp:	179042
Ion Ratio	Lower	Upper	
91	100		
120	22.9	12.4	37.2





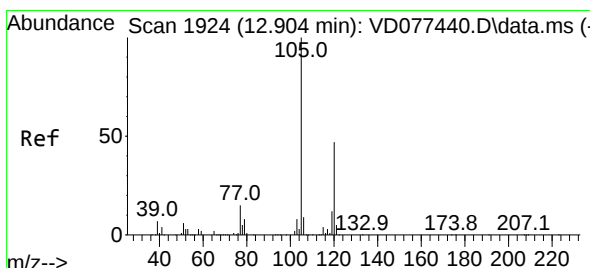
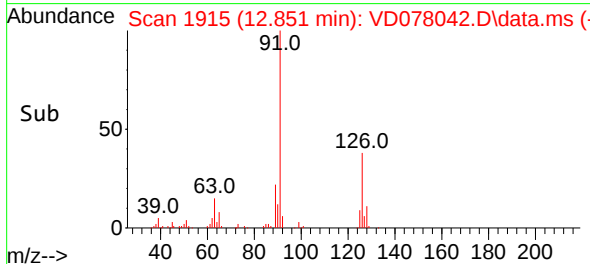
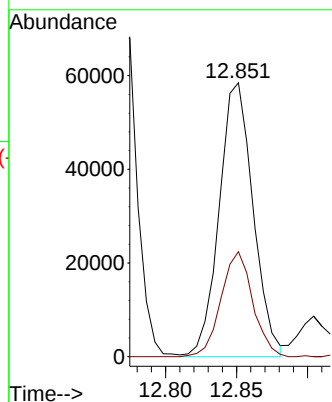
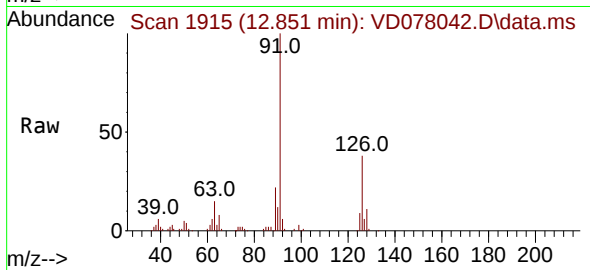
#79
2-Chlorotoluene
Concen: 24.362 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02

Tgt Ion: 91 Resp: 9714
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.1

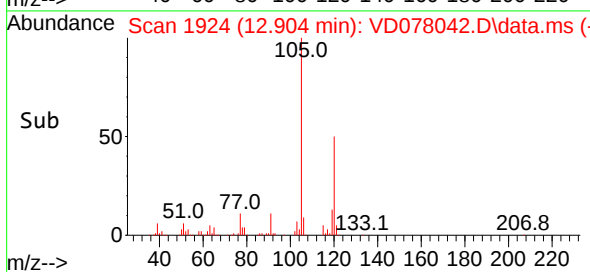
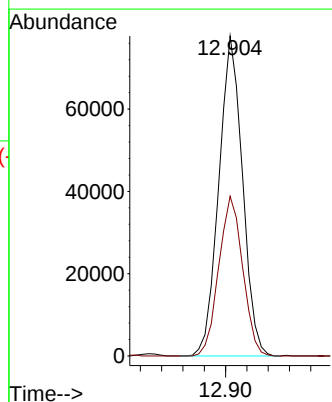
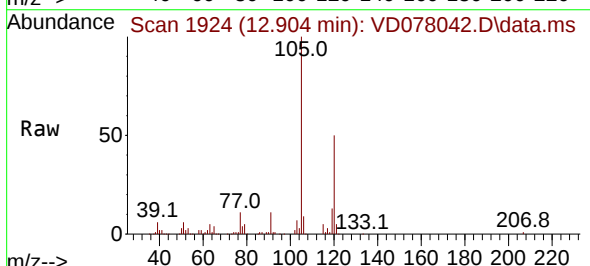
Manual Integrations
APPROVED

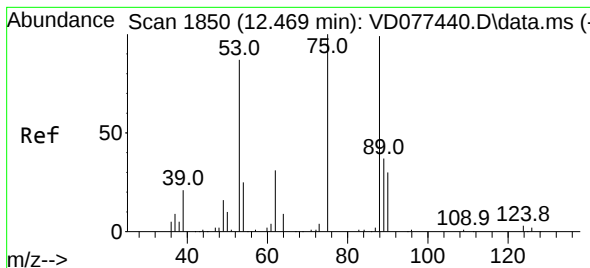
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 23.494 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:105 Resp: 119650
Ion Ratio Lower Upper
105 100
120 50.4 26.4 79.2





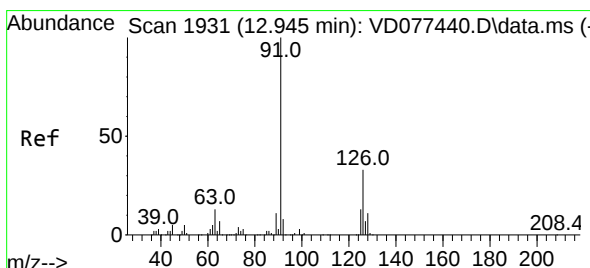
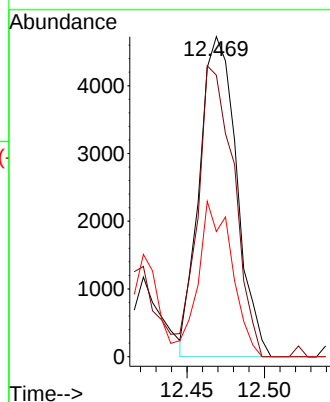
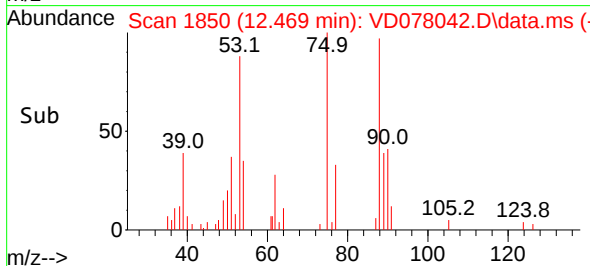
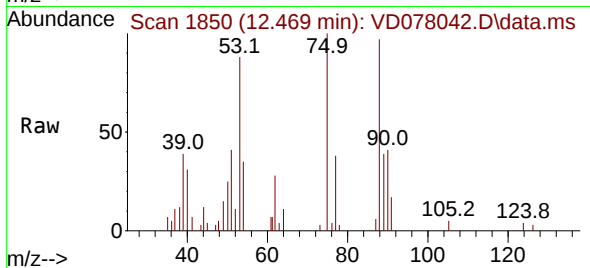
#81
trans-1,4-Dichloro-2-butene
Concen: 22.823 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02

Tgt Ion: 75 Resp: 788
Ion Ratio Lower Upper
75 100
53 88.3 63.0 94.4
89 44.1 37.9 56.9

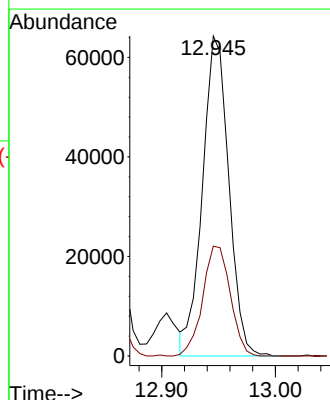
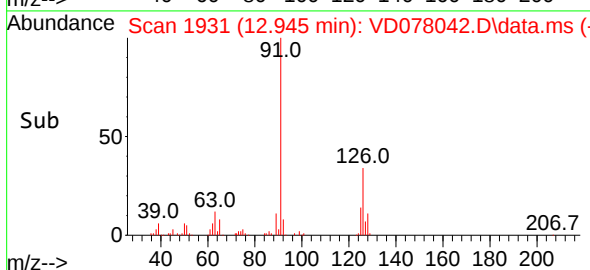
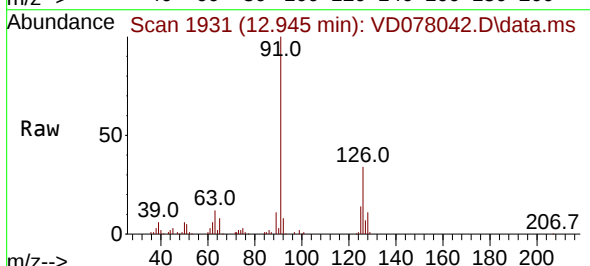
Manual Integrations
APPROVED

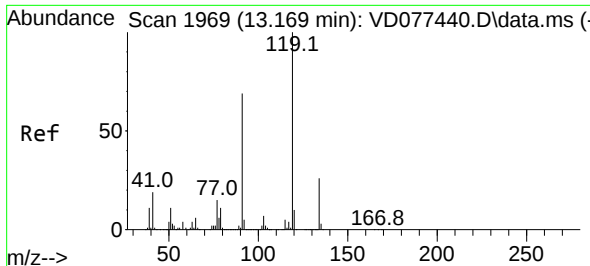
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#82
4-Chlorotoluene
Concen: 24.853 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

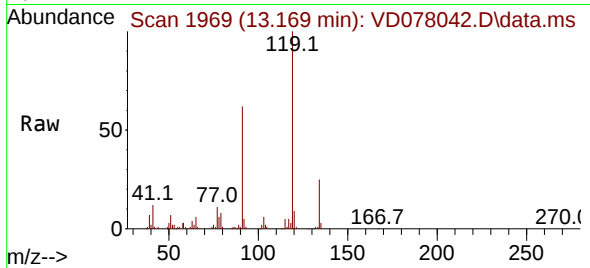
Tgt Ion: 91 Resp: 103603
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4





#83
tert-Butylbenzene
Concen: 24.485 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

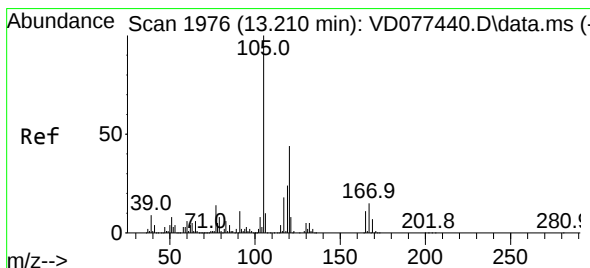
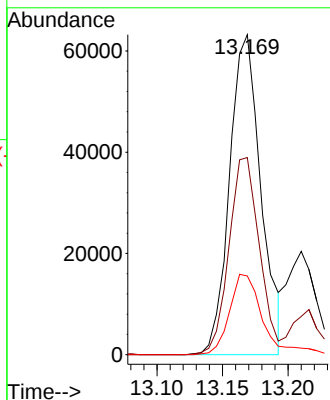
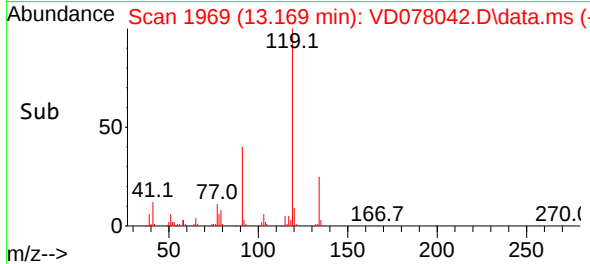
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



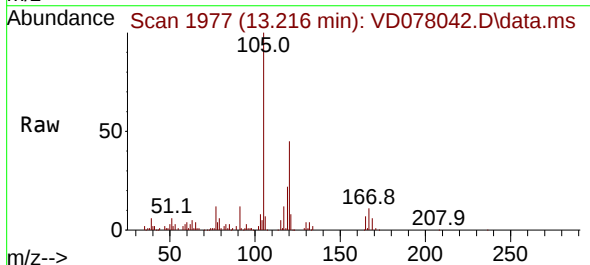
Tgt Ion:119 Resp: 105274
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 26.6 14.1 42.3

Manual Integrations
APPROVED

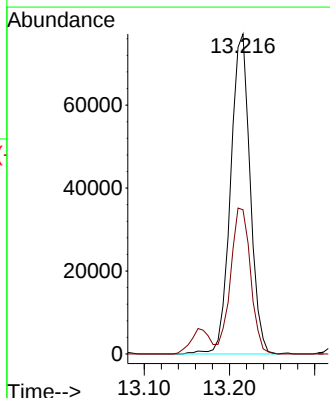
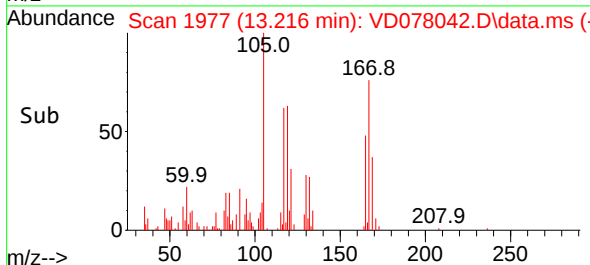
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

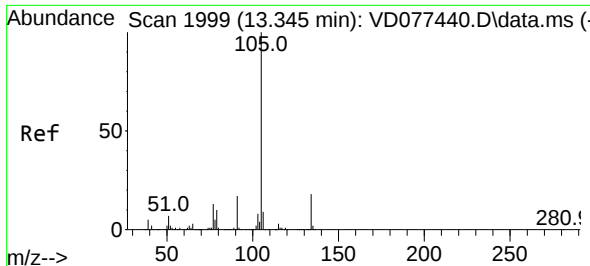


#84
1,2,4-Trimethylbenzene
Concen: 24.087 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



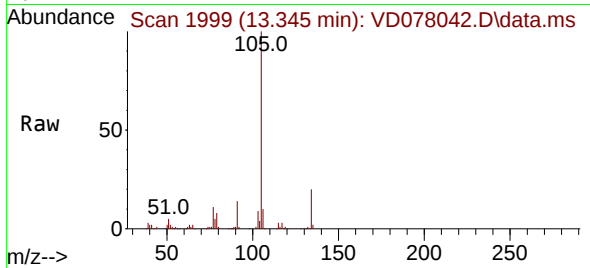
Tgt Ion:105 Resp: 122694
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 24.018 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43

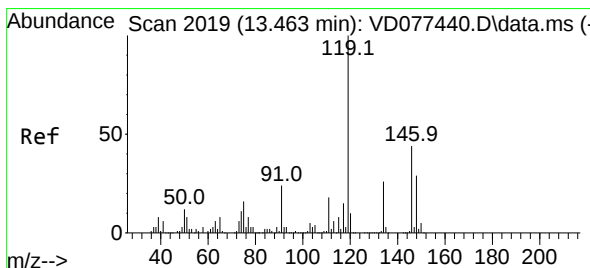
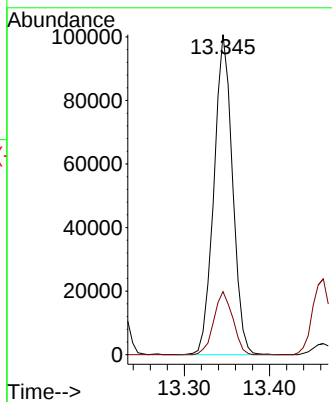
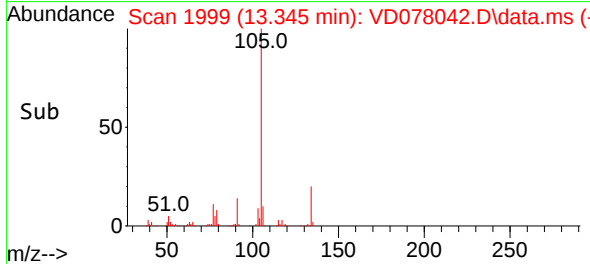
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1221SBSD02



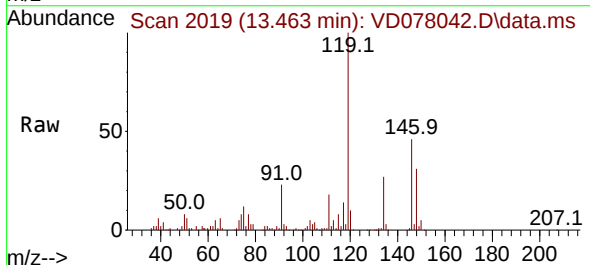
Tgt Ion:105 Resp: 152640
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9

Manual Integrations
 APPROVED

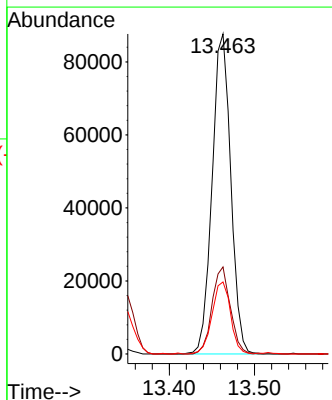
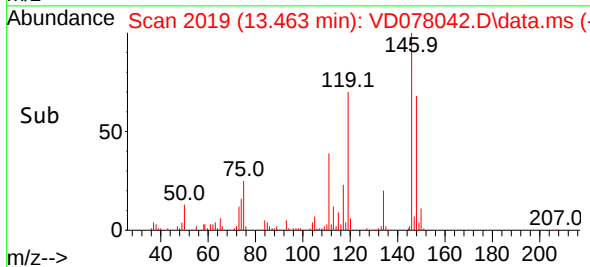
Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

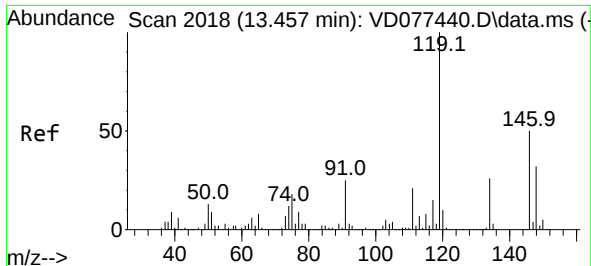


#86
 p-Isopropyltoluene
 Concen: 23.418 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078042.D
 Acq: 22 Dec 2023 00:43



Tgt Ion:119 Resp: 133249
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 22.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 24.714 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Instrument :

MSVOA_D

ClientSampleId :

VD1221SBS02

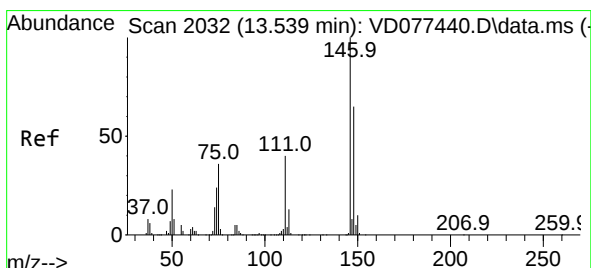
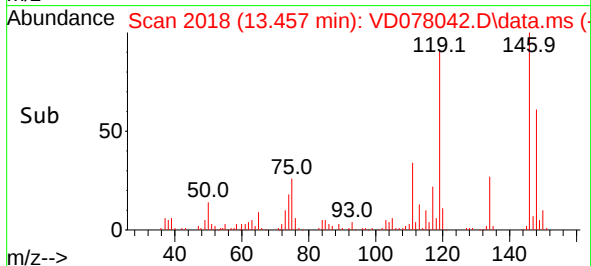
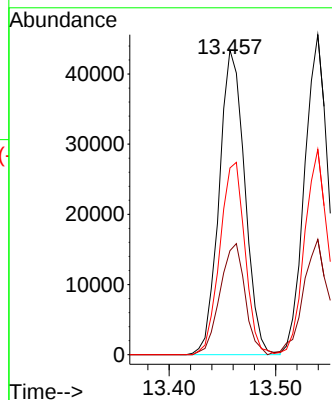
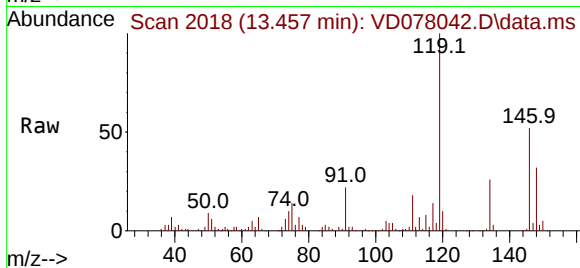
Tgt Ion:146 Resp: 7258

Ion	Ratio	Lower	Upper
146	100		
111	35.5	17.9	53.8
148	61.7	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#88

1,4-Dichlorobenzene

Concen: 23.200 ug/l

RT: 13.539 min Scan# 2032

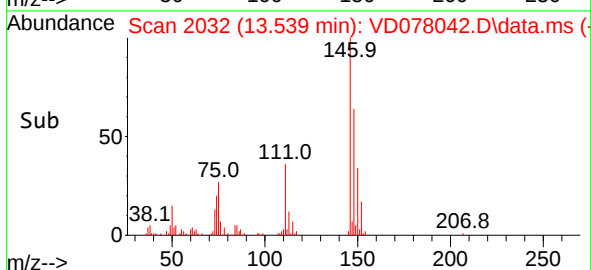
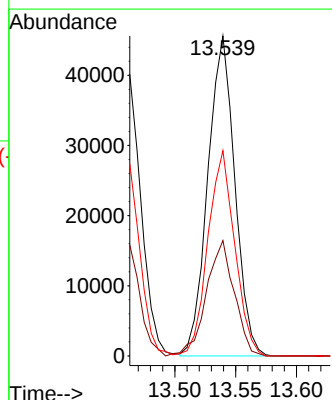
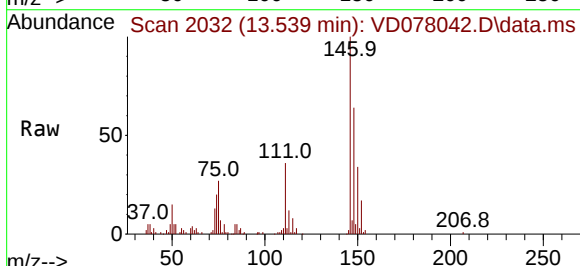
Delta R.T. 0.000 min

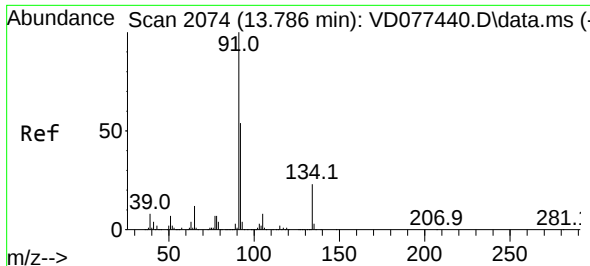
Lab File: VD078042.D

Acq: 22 Dec 2023 00:43

Tgt Ion:146 Resp: 70535

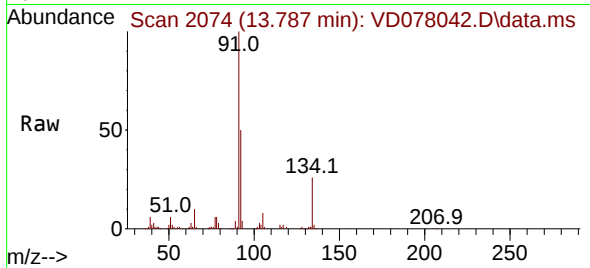
Ion	Ratio	Lower	Upper
146	100		
111	37.3	17.4	52.3
148	63.7	31.7	95.1





#89
n-Butylbenzene
Concen: 23.512 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

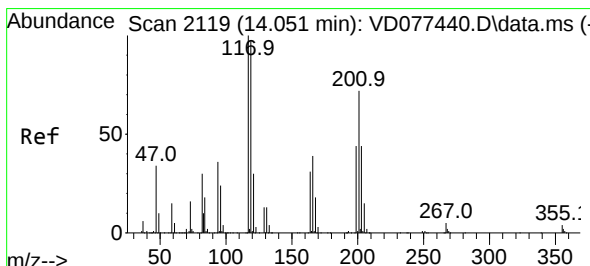
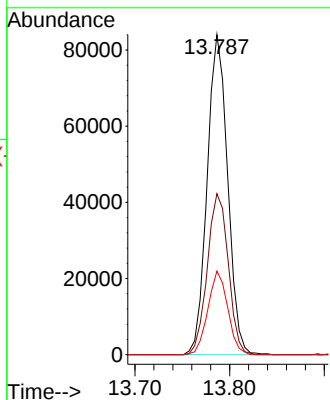
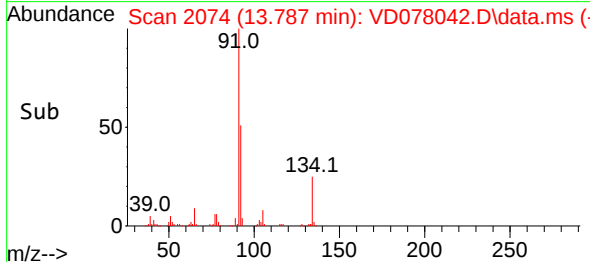
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



Tgt Ion: 91 Resp: 12588
Ion Ratio Lower Upper
91 100
92 51.5 26.5 79.5
134 25.3 13.8 41.3

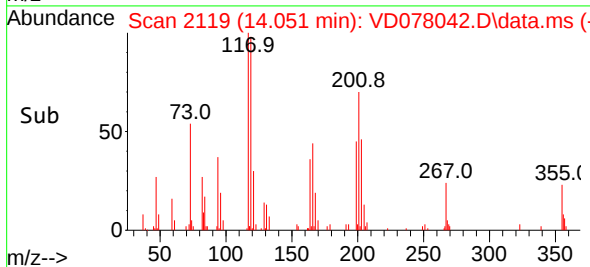
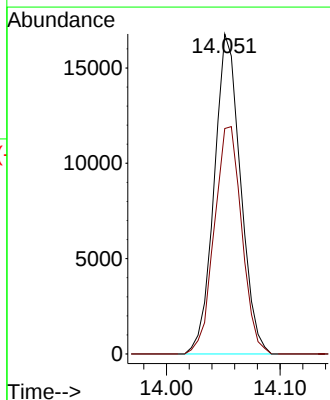
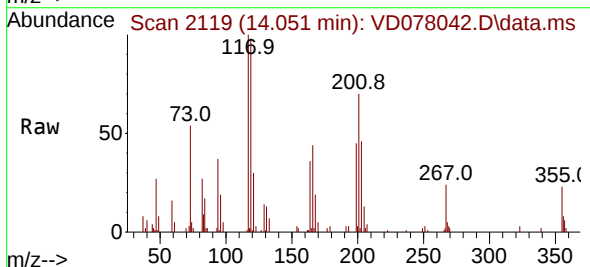
Manual Integrations
APPROVED

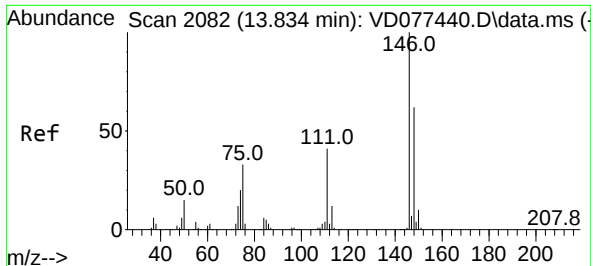
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#90
Hexachloroethane
Concen: 25.822 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Tgt Ion:117 Resp: 27021
Ion Ratio Lower Upper
117 100
201 74.1 38.5 115.5





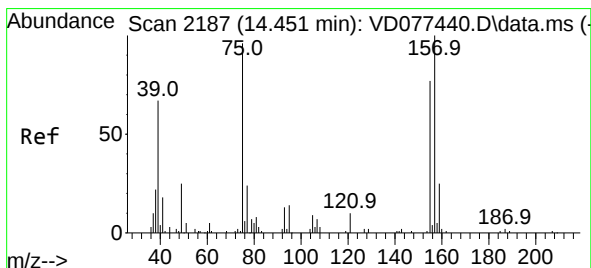
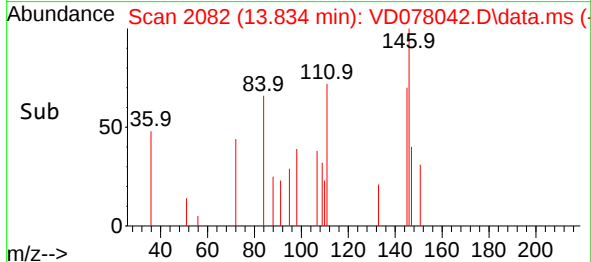
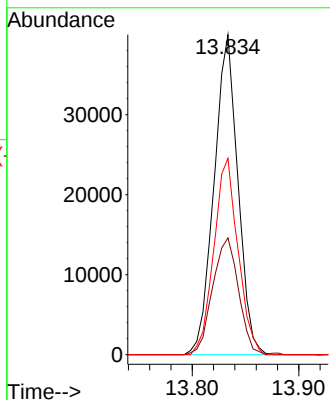
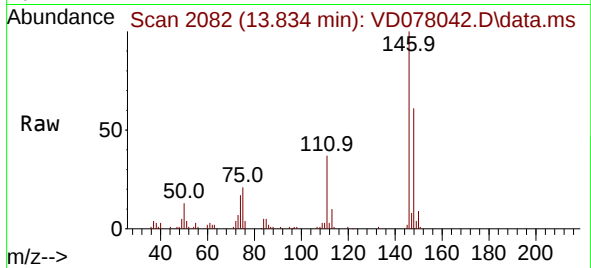
#91
1,2-Dichlorobenzene
Concen: 24.851 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02

Tgt Ion:146 Resp: 6207
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 62.2 31.6 94.7

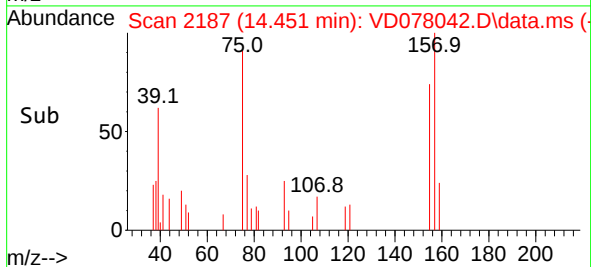
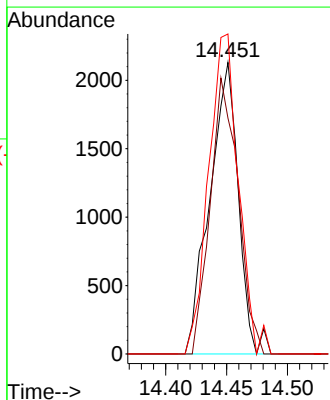
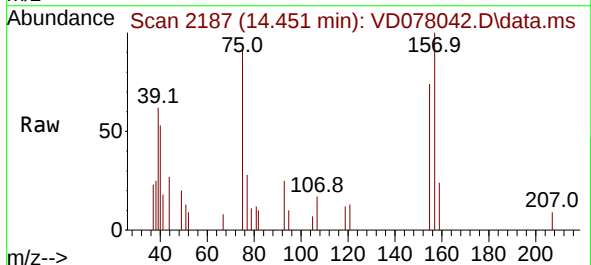
Manual Integrations
APPROVED

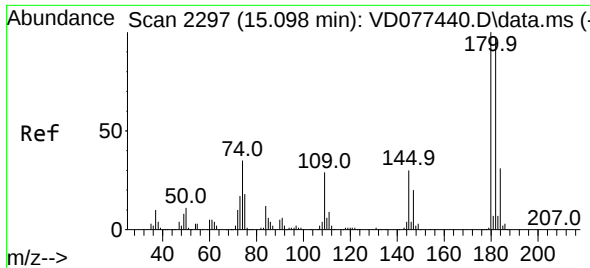
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.075 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

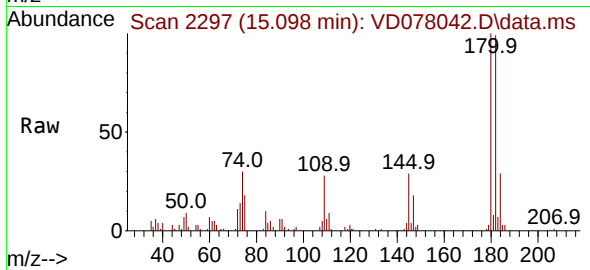
Tgt Ion: 75 Resp: 3489
Ion Ratio Lower Upper
75 100
155 92.6 47.9 143.8
157 114.1 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 20.971 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

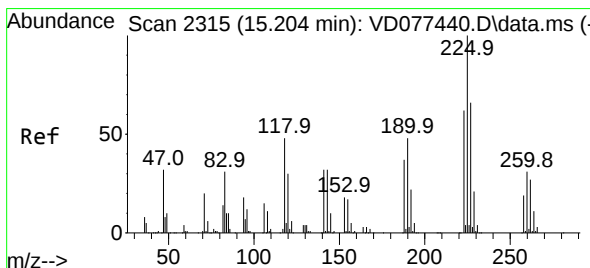
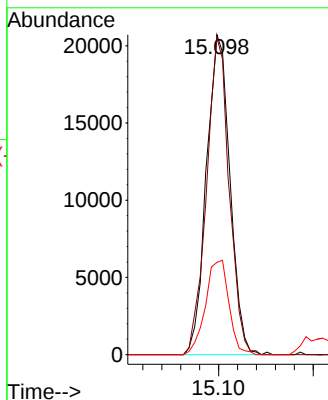
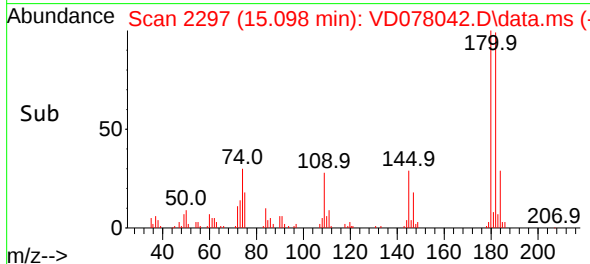
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



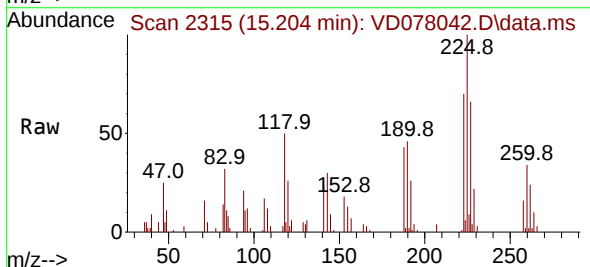
Tgt Ion:180 Resp: 3578
Ion Ratio Lower Upper
180 100
182 95.5 48.5 145.6
145 29.4 14.2 42.6

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APPROVED

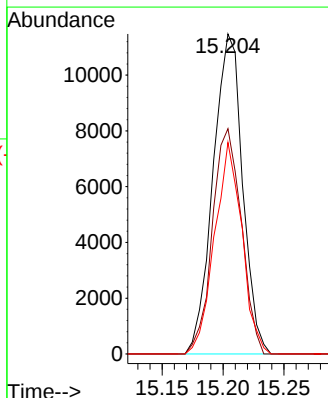
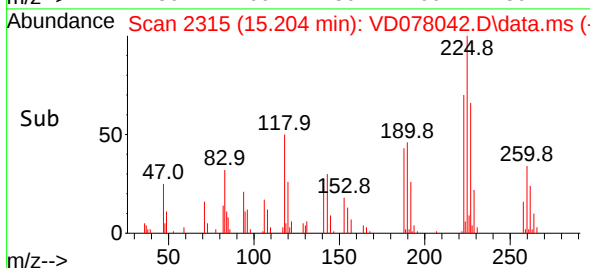
Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

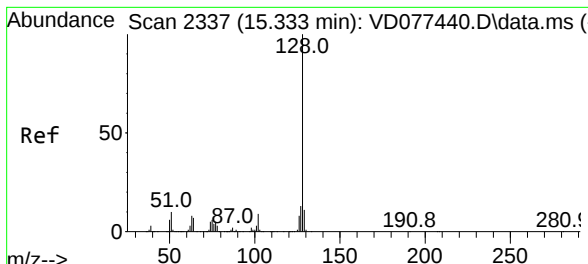


#94
Hexachlorobutadiene
Concen: 21.054 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



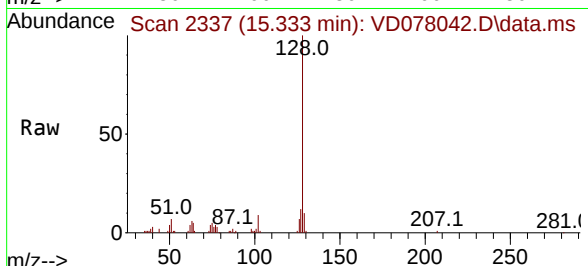
Tgt Ion:225 Resp: 19371
Ion Ratio Lower Upper
225 100
223 69.0 31.6 94.8
227 61.1 31.7 95.1





#95
Naphthalene
Concen: 22.458 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43

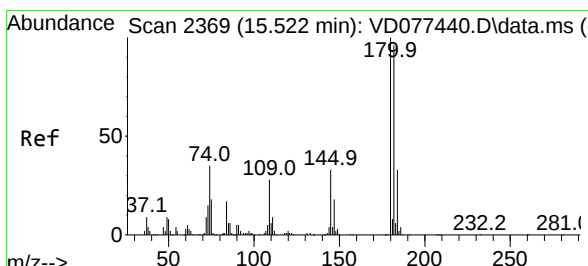
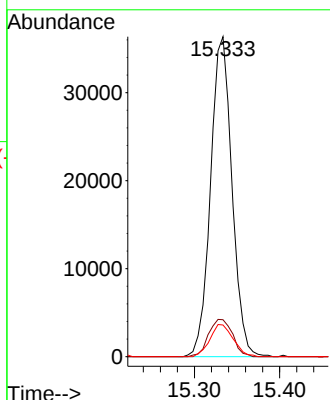
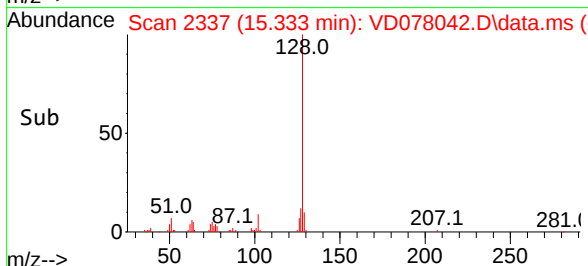
Instrument :
MSVOA_D
ClientSampleId :
VD1221SBSD02



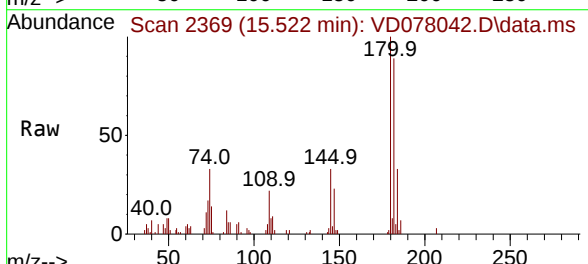
Tgt Ion:128 Resp: 63660
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 9.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.012 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078042.D
Acq: 22 Dec 2023 00:43



Tgt Ion:180 Resp: 29556
Ion Ratio Lower Upper
180 100
182 97.9 47.3 141.9
145 32.2 15.1 45.3

