

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077835.D
 Acq On : 12 Dec 2023 11:30
 Operator : JC/SY
 Sample : VD1212SBS03
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS03

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023

Quant Time: Dec 12 13:52:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	154169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	256913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	231390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	118411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75961	41.814	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.620%		
35) Dibromofluoromethane	7.810	113	76570	42.549	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.100%		
50) Toluene-d8	10.269	98	313245	43.460	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.920%		
62) 4-Bromofluorobenzene	12.575	95	89963	41.748	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	83.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	39968	20.754	ug/l	99
3) Chloromethane	2.152	50	56210	21.413	ug/l	100
4) Vinyl Chloride	2.293	62	75722	21.249	ug/l	97
5) Bromomethane	2.693	94	45914	22.961	ug/l	100
6) Chloroethane	2.840	64	50701	20.868	ug/l	98
7) Trichlorofluoromethane	3.181	101	67489	20.563	ug/l	100
8) Diethyl Ether	3.599	74	18790	20.388	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.969	101	39548	21.063	ug/l	94
10) Methyl Iodide	4.169	142	34535	24.898	ug/l	90
11) Tert butyl alcohol	5.063	59	10028m	108.236	ug/l	
12) 1,1-Dichloroethene	3.952	96	37955	20.481	ug/l #	83
13) Acrolein	3.799	56	18303	95.244	ug/l	100
14) Allyl chloride	4.569	41	51034	20.023	ug/l #	88
15) Acrylonitrile	5.263	53	40832	103.478	ug/l	98
16) Acetone	4.028	43	57790	132.343	ug/l	90
17) Carbon Disulfide	4.275	76	122388	19.521	ug/l	100
18) Methyl Acetate	4.563	43	28034	19.594	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	80122	20.378	ug/l	97
20) Methylene Chloride	4.805	84	45532	18.070	ug/l #	79
21) trans-1,2-Dichloroethene	5.316	96	42698	20.342	ug/l	98
22) Diisopropyl ether	6.222	45	107774	20.235	ug/l #	92
23) Vinyl Acetate	6.163	43	259303	99.694	ug/l #	92
24) 1,1-Dichloroethane	6.122	63	73992	20.514	ug/l	98
25) 2-Butanone	7.087	43	59268	110.293	ug/l #	77
26) 2,2-Dichloropropane	7.087	77	60906	20.112	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	48276	21.374	ug/l	89
28) Bromochloromethane	7.428	49	26408	18.119	ug/l #	74
29) Tetrahydrofuran	7.452	42	28258	97.682	ug/l	88
30) Chloroform	7.604	83	72809	20.170	ug/l	94
31) Cyclohexane	7.881	56	63808	19.747	ug/l	88
32) 1,1,1-Trichloroethane	7.804	97	63867	20.069	ug/l	99
36) 1,1-Dichloropropene	8.016	75	57087	19.832	ug/l	94
37) Ethyl Acetate	7.169	43	20013	17.830	ug/l	97
38) Carbon Tetrachloride	7.993	117	57772	20.132	ug/l	90
39) Methylcyclohexane	9.275	83	69473	20.358	ug/l	91
40) Benzene	8.251	78	166910	20.430	ug/l	97

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 Supervised By :Semsettin Yesilyurt 12/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	12405	21.745	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	44708	21.111	ug/l	94
43) Isopropyl Acetate	8.369	43	40783	20.440	ug/l	93
44) Trichloroethene	9.028	130	43941	20.639	ug/l	94
45) 1,2-Dichloropropane	9.310	63	41710	21.001	ug/l	99
46) Dibromomethane	9.398	93	21746	20.694	ug/l	94
47) Bromodichloromethane	9.587	83	54814	20.579	ug/l	99
48) Methyl methacrylate	9.381	41	23840	21.020	ug/l #	77
49) 1,4-Dioxane	9.387	88	3884	372.219	ug/l #	65
51) 4-Methyl-2-Pentanone	10.163	43	106730	104.814	ug/l	89
52) Toluene	10.334	92	105565	20.830	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	51490	20.130	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	64051	20.712	ug/l #	85
55) 1,1,2-Trichloroethane	10.734	97	28562	19.870	ug/l	95
56) Ethyl methacrylate	10.598	69	25655	20.247	ug/l #	82
57) 1,3-Dichloropropane	10.881	76	50195	20.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	60360	83.531	ug/l	95
59) 2-Hexanone	10.922	43	92902	109.967	ug/l	86
60) Dibromochloromethane	11.075	129	35646	20.597	ug/l	93
61) 1,2-Dibromoethane	11.181	107	27502	20.325	ug/l	96
64) Tetrachloroethene	10.810	164	36447	21.431	ug/l	93
65) Chlorobenzene	11.610	112	111179	19.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	38785	20.157	ug/l	97
67) Ethyl Benzene	11.687	91	195988	20.345	ug/l	99
68) m/p-Xylenes	11.792	106	149910	40.683	ug/l	90
69) o-Xylene	12.122	106	68706	20.231	ug/l	91
70) Styrene	12.139	104	102689	20.336	ug/l	92
71) Bromoform	12.304	173	20522	20.412	ug/l #	98
73) Isopropylbenzene	12.422	105	186005	20.726	ug/l	98
74) N-amyl acetate	12.234	43	34428	19.516	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	33723	21.551	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	20292m	19.732	ug/l	
77) Bromobenzene	12.704	156	42885	20.316	ug/l	91
78) n-propylbenzene	12.763	91	227612	20.814	ug/l	96
79) 2-Chlorotoluene	12.851	91	122243	20.859	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	154569	20.650	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	10243	20.180	ug/l	92
82) 4-Chlorotoluene	12.951	91	131835	21.518	ug/l	95
83) tert-Butylbenzene	13.169	119	134289	21.251	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	155445	20.763	ug/l	98
85) sec-Butylbenzene	13.345	105	197056	21.097	ug/l	97
86) p-Isopropyltoluene	13.463	119	172325	20.606	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	89365	20.702	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	86855	19.168	ug/l	94
89) n-Butylbenzene	13.792	91	168195	21.374	ug/l	97
90) Hexachloroethane	14.057	117	32904	21.394	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	75724	20.626	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5365	23.141	ug/l	84
93) 1,2,4-Trichlorobenzene	15.098	180	49537	19.754	ug/l	98
94) Hexachlorobutadiene	15.204	225	27047	20.001	ug/l	98
95) Naphthalene	15.333	128	87675	21.042	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	41101	19.880	ug/l	99

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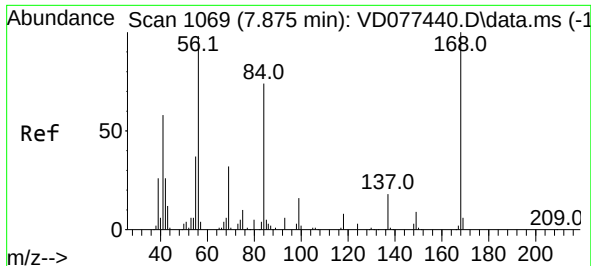
Manual Integrations
 APPROVED

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 Supervised By :Semsettin Yesilyurt 12/13/2023

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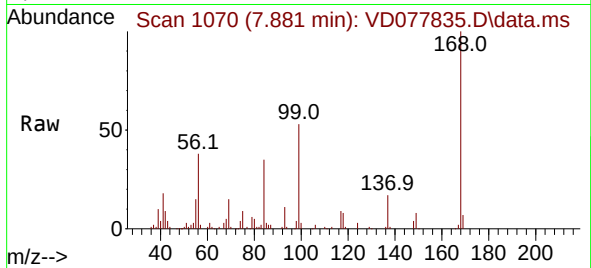
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077835.D
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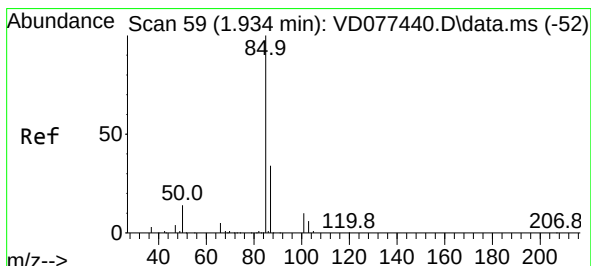
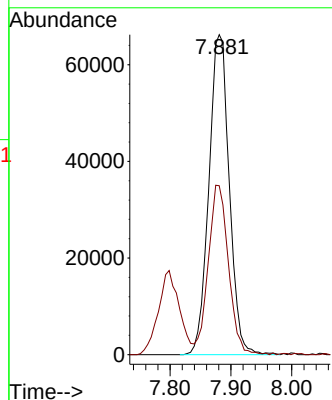
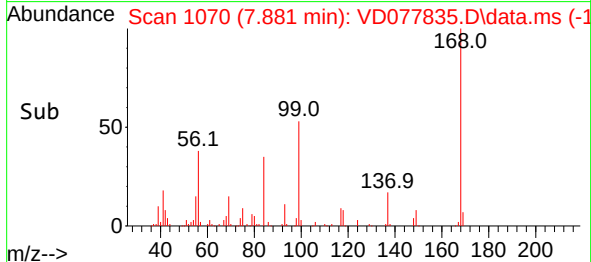
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion:168 Resp: 154169
Ion Ratio Lower Upper
168 100
99 52.5 36.7 55.1

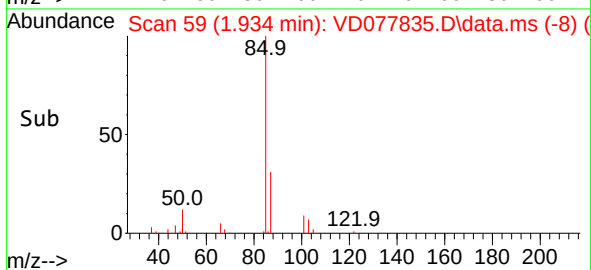
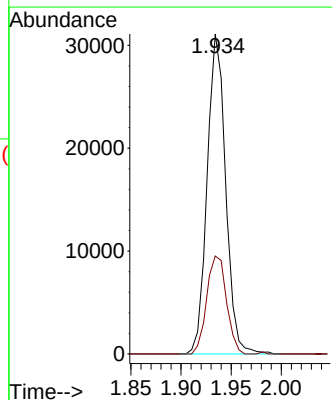
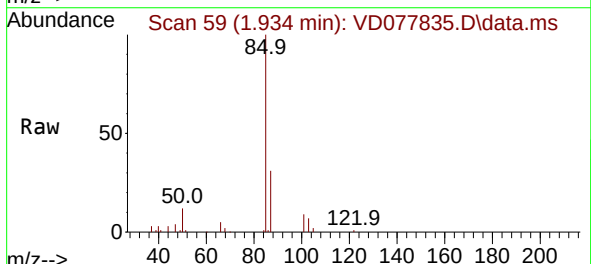
Manual Integrations
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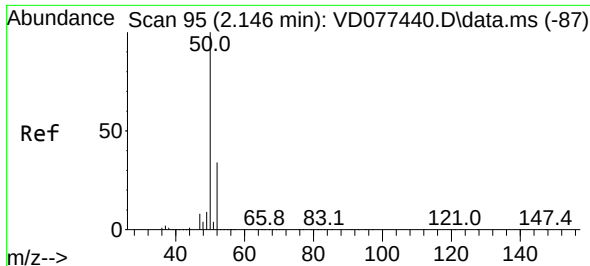
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#2
Dichlorodifluoromethane
Concen: 20.754 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 85 Resp: 39968
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0





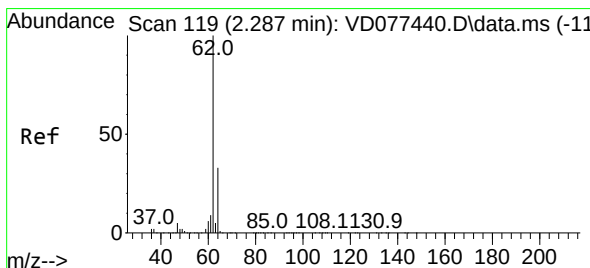
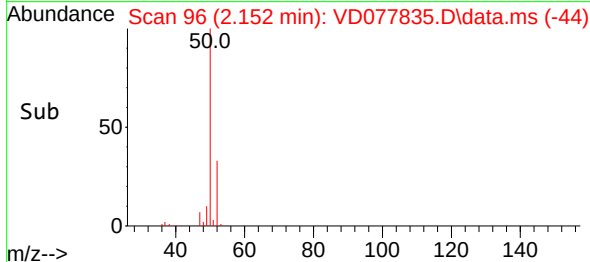
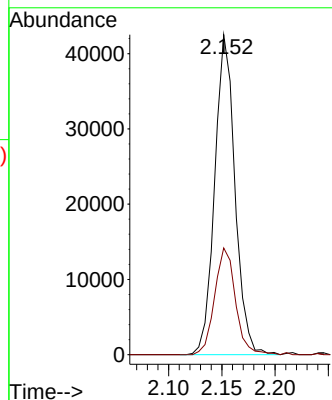
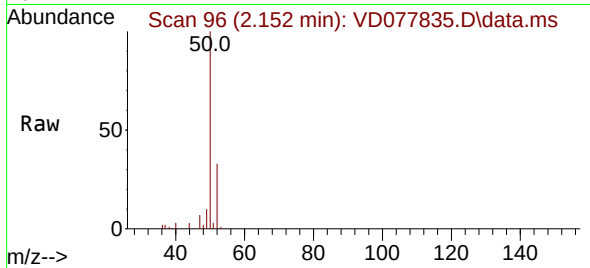
#3
Chloromethane
Concen: 21.413 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
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ClientSampleId :
VD1212SBS03

Tgt Ion: 50 Resp: 56210
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

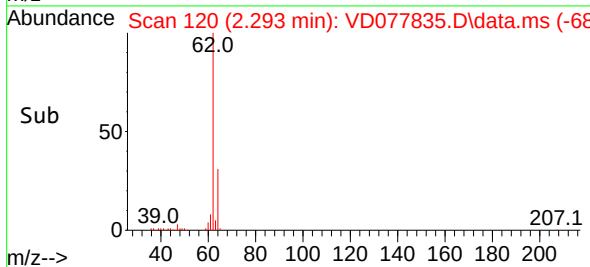
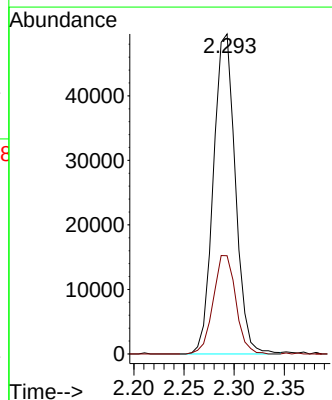
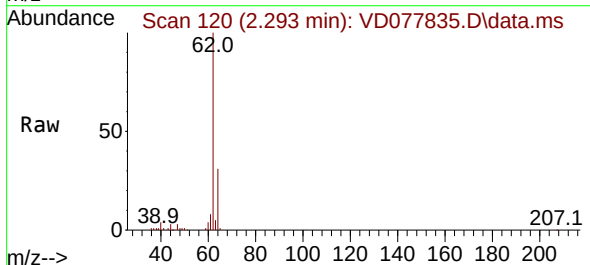
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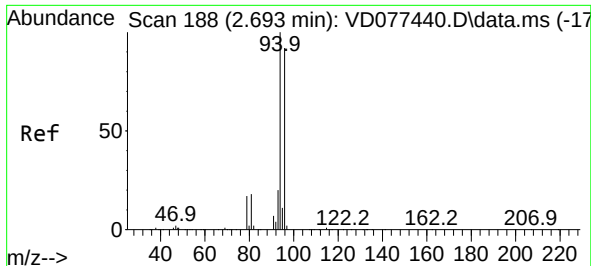
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#4
Vinyl Chloride
Concen: 21.249 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

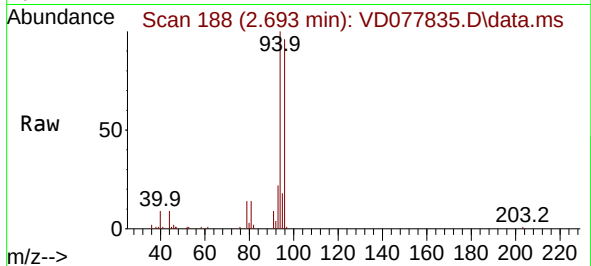
Tgt Ion: 62 Resp: 75722
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0





#5
Bromomethane
Concen: 22.961 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

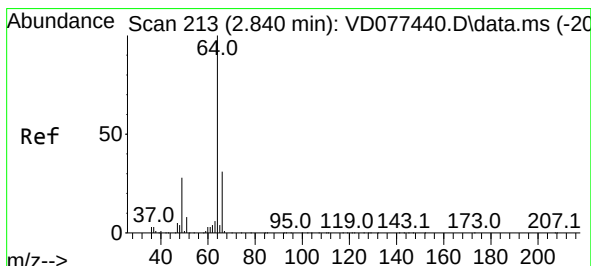
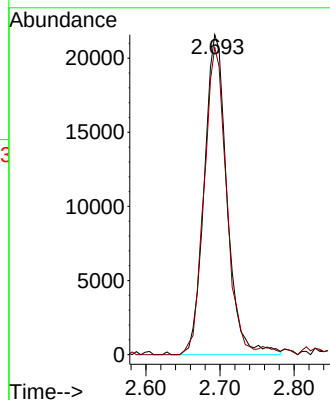
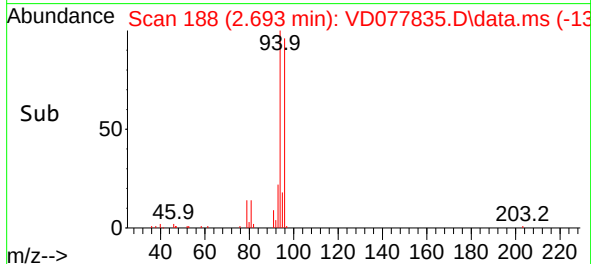
Instrument :
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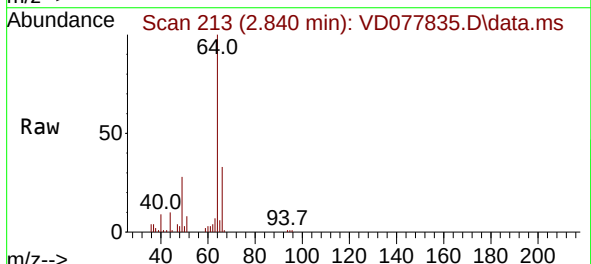
Tgt Ion: 94 Resp: 45914
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.8

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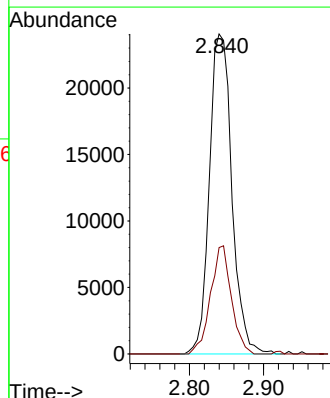
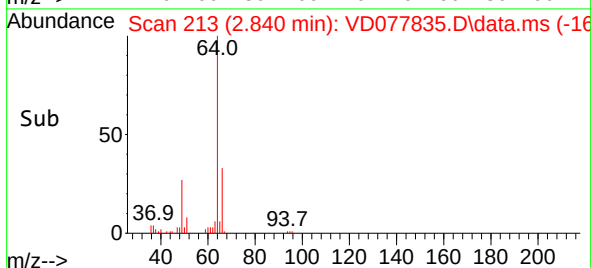
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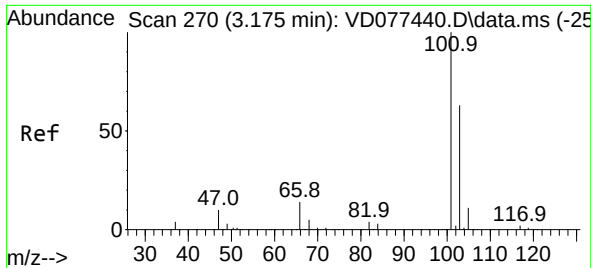


#6
Chloroethane
Concen: 20.868 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30



Tgt Ion: 64 Resp: 50701
Ion Ratio Lower Upper
64 100
66 33.3 25.5 38.3





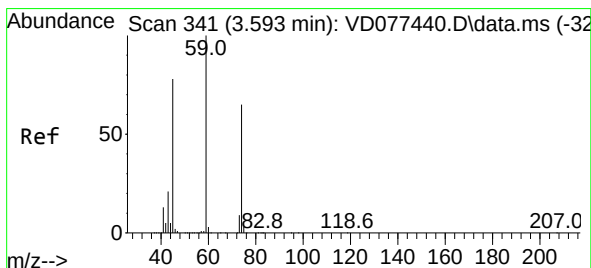
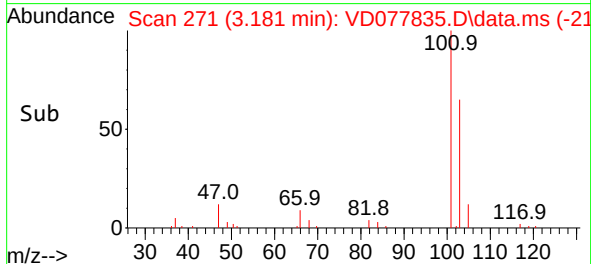
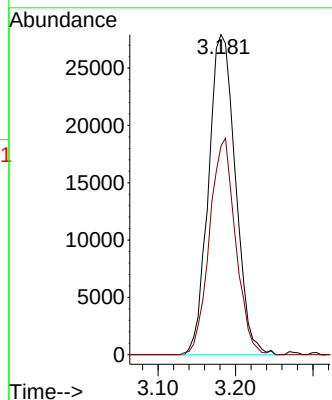
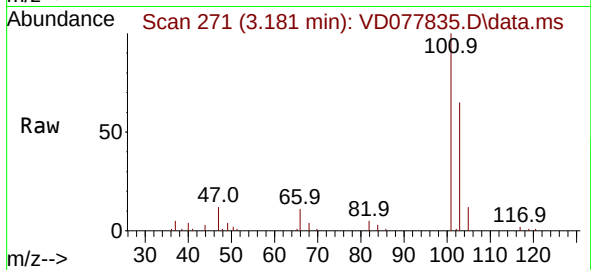
#7
Trichlorofluoromethane
Concen: 20.563 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

Tgt Ion:101 Resp: 67489
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

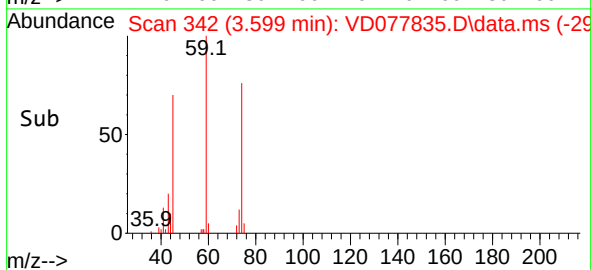
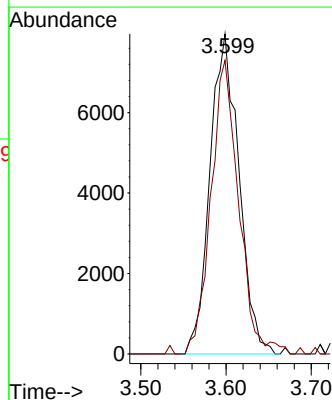
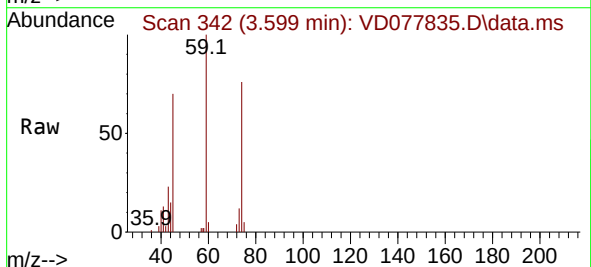
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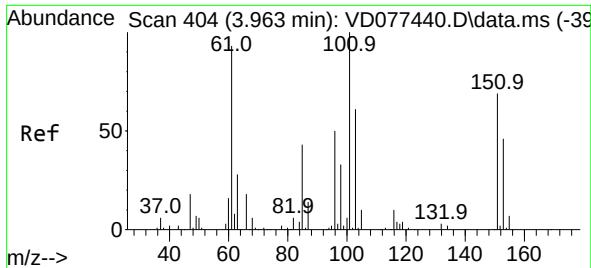
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#8
Diethyl Ether
Concen: 20.388 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 74 Resp: 18790
Ion Ratio Lower Upper
74 100
45 87.7 37.5 112.7





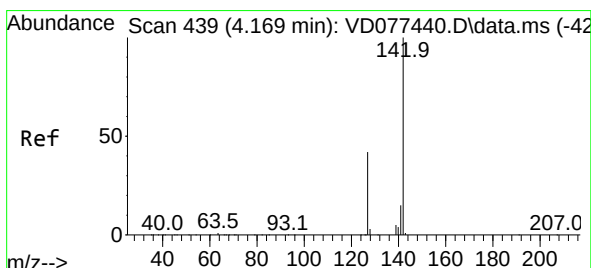
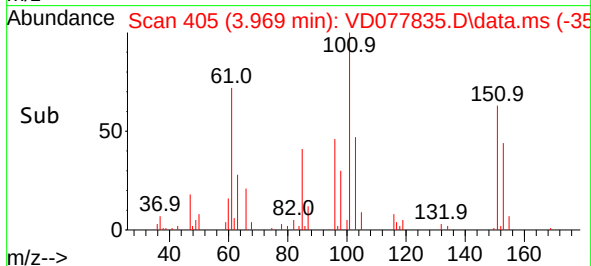
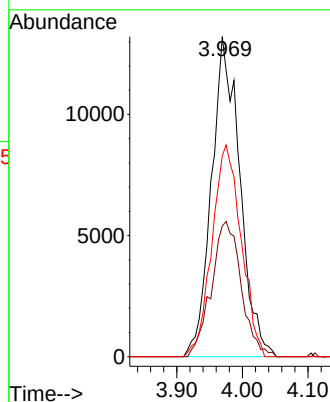
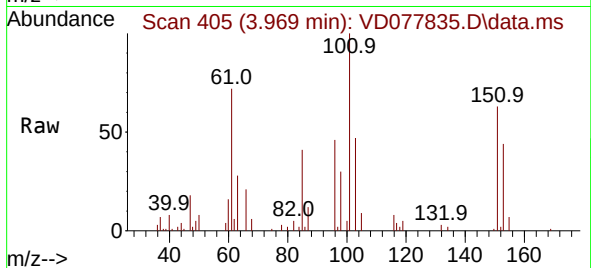
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.063 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

Tgt Ion:101 Resp: 3954
Ion Ratio Lower Upper
101 100
85 44.7 33.8 50.6
151 68.2 59.8 89.6

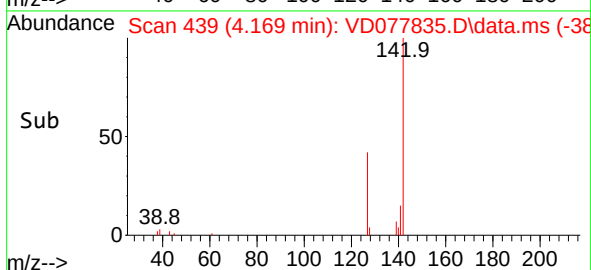
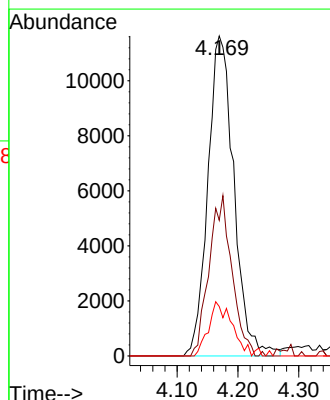
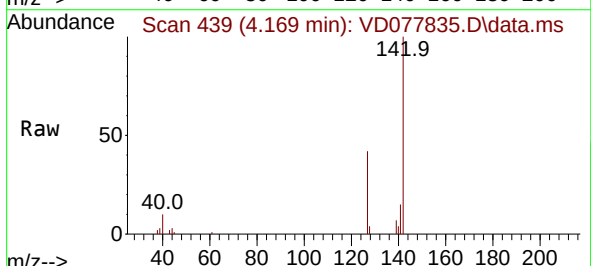
Manual Integrations
APPROVED

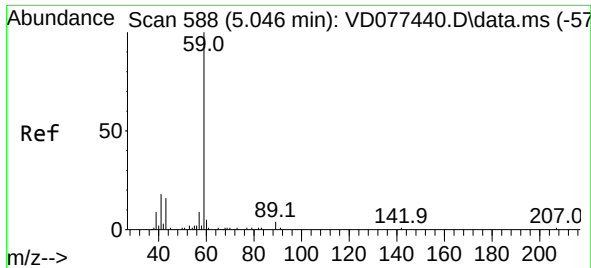
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#10
Methyl Iodide
Concen: 24.898 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

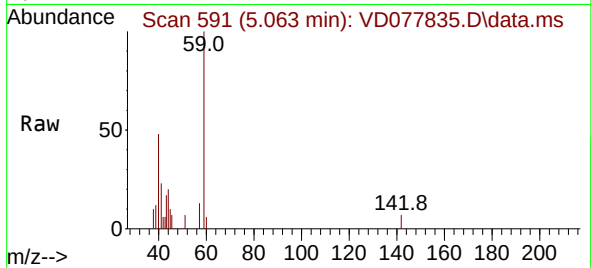
Tgt Ion:142 Resp: 34535
Ion Ratio Lower Upper
142 100
127 44.0 29.4 44.0
141 15.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 108.236 ug/l m
RT: 5.063 min Scan# 51
Delta R.T. 0.017 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

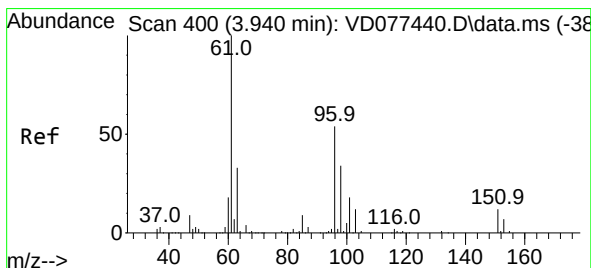
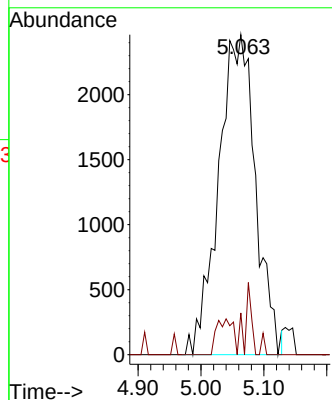
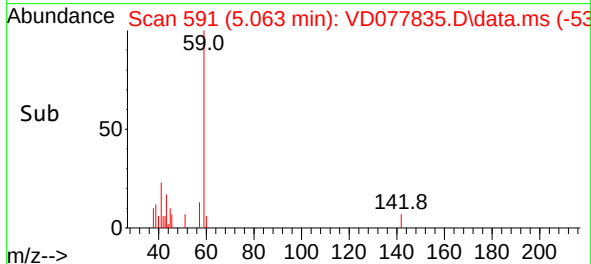
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



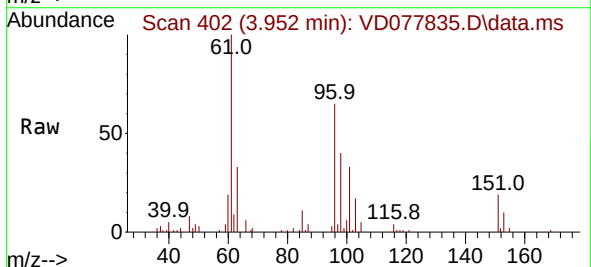
Tgt Ion: 59 Resp: 10028
Ion Ratio Lower Upper
59 100
57 4.9 7.8 11.8

Manual Integrations
APPROVED

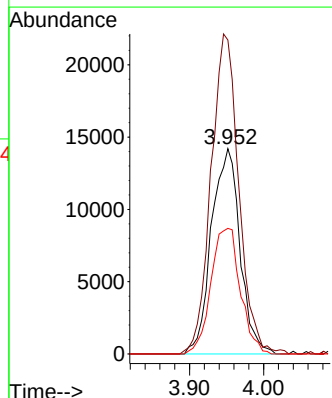
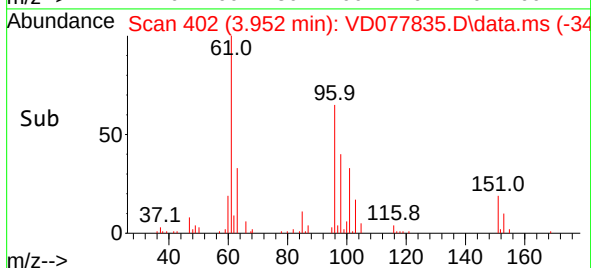
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

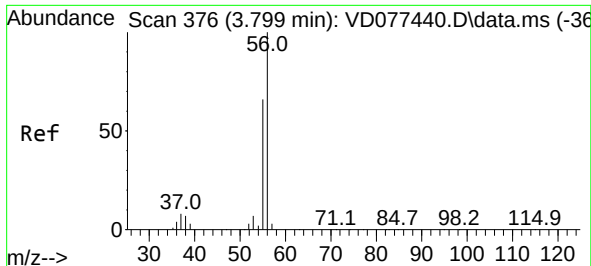


#12
1,1-Dichloroethene
Concen: 20.481 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30



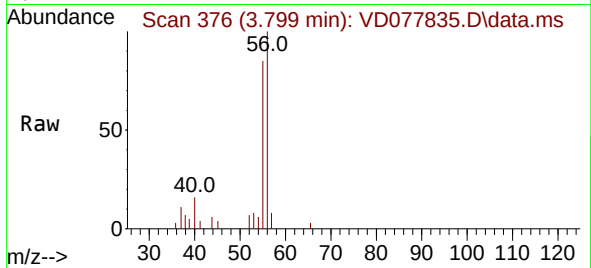
Tgt Ion: 96 Resp: 37955
Ion Ratio Lower Upper
96 100
61 152.9 100.6 150.8#
98 61.2 50.2 75.2





#13
Acrolein
Concen: 95.244 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

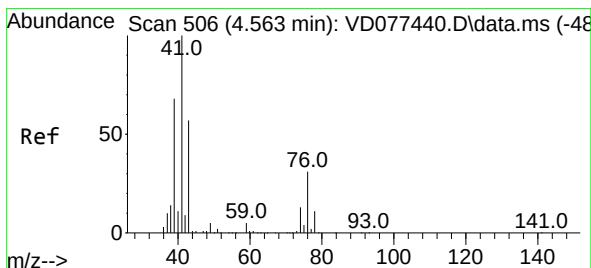
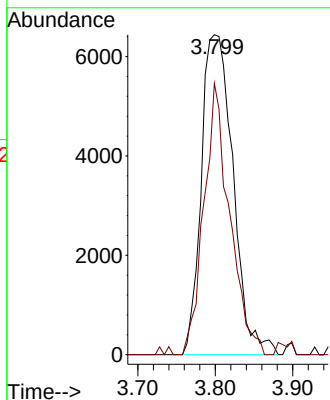
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 56 Resp: 1830
Ion Ratio Lower Upper
56 100
55 69.2 55.1 82.7

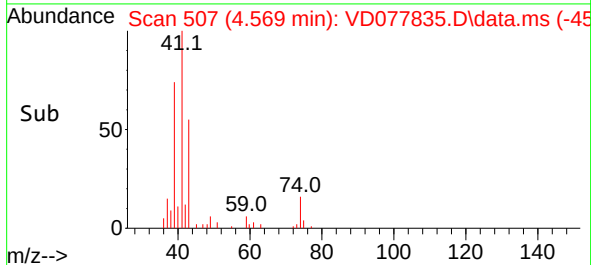
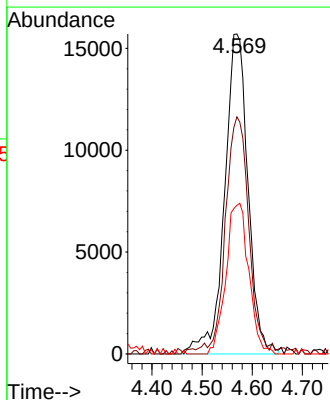
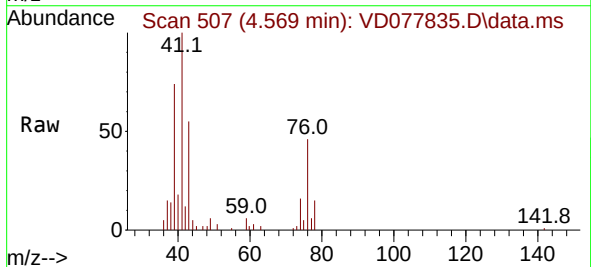
Manual Integrations
APPROVED

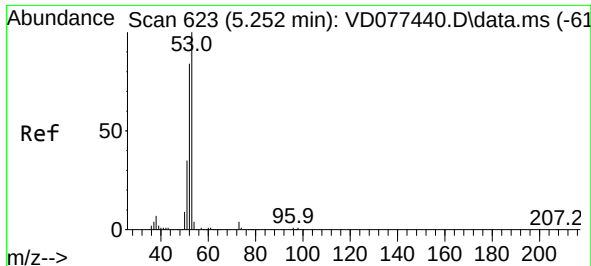
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#14
Allyl chloride
Concen: 20.023 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

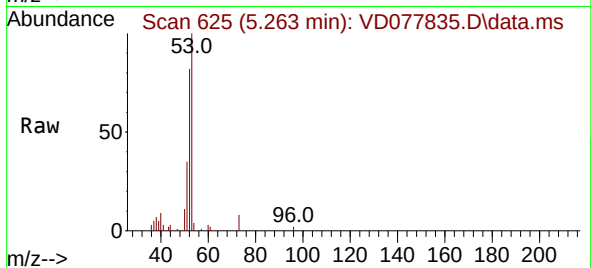
Tgt Ion: 41 Resp: 51034
Ion Ratio Lower Upper
41 100
39 73.6 53.8 80.6
76 45.7 45.8 68.8





#15
Acrylonitrile
Concen: 103.478 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

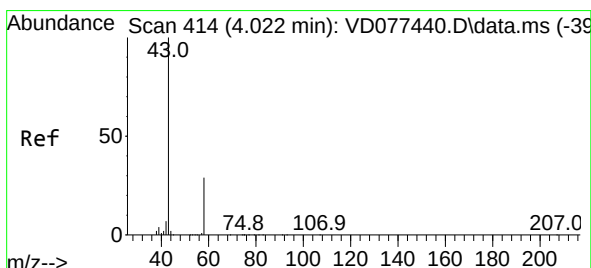
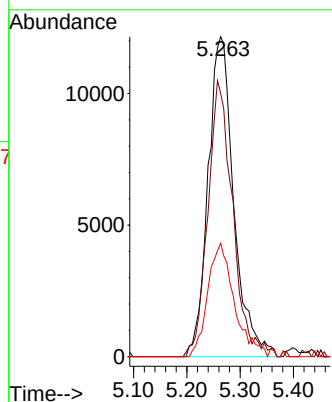
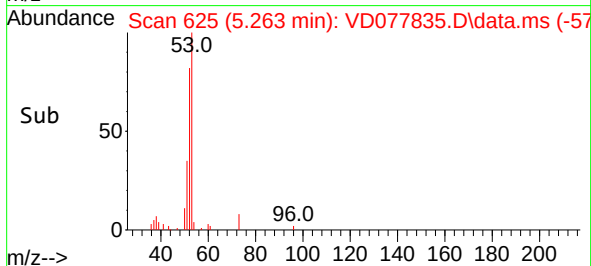
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 53 Resp: 40832
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 36.6 28.3 42.5

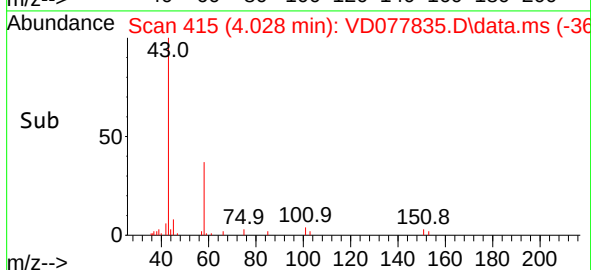
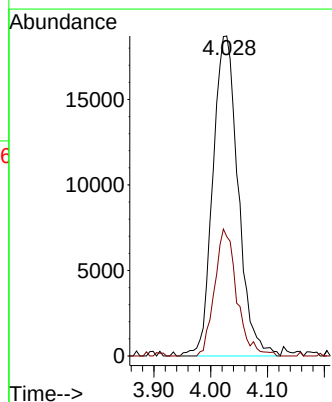
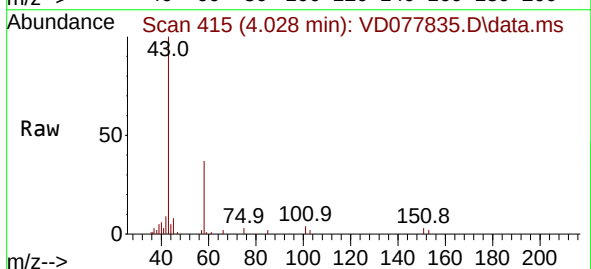
Manual Integrations
APPROVED

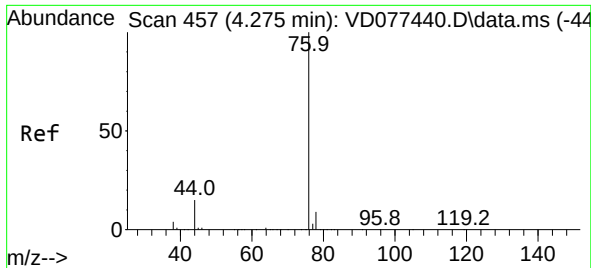
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#16
Acetone
Concen: 132.343 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

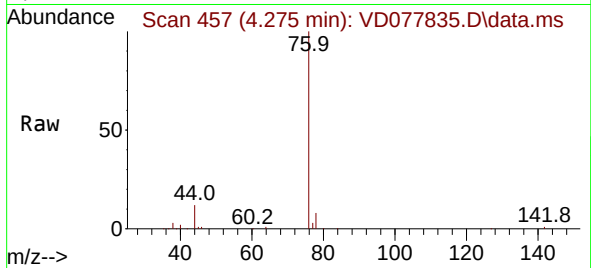
Tgt Ion: 43 Resp: 57790
Ion Ratio Lower Upper
43 100
58 37.3 34.7 52.1





#17
Carbon Disulfide
Concen: 19.521 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

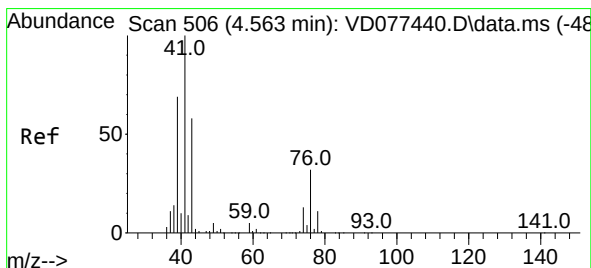
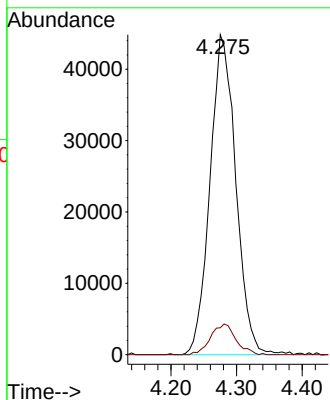
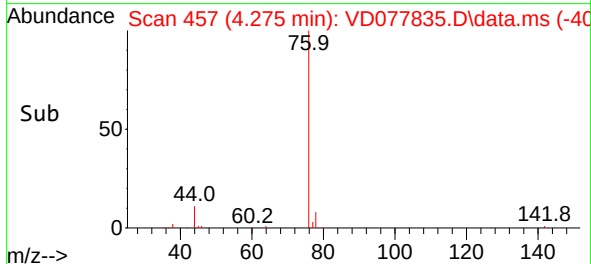
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 76 Resp: 12238
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2

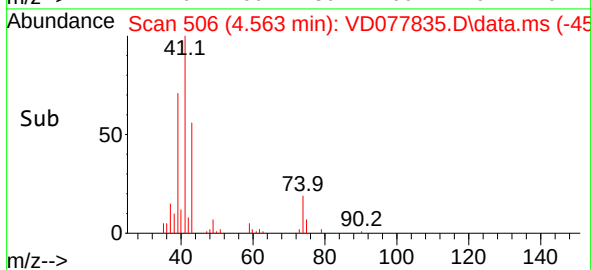
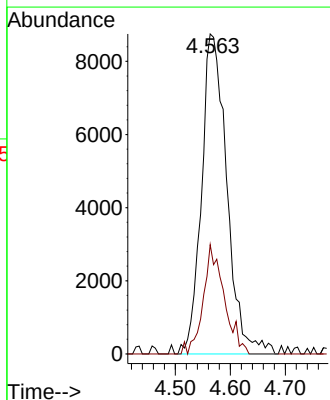
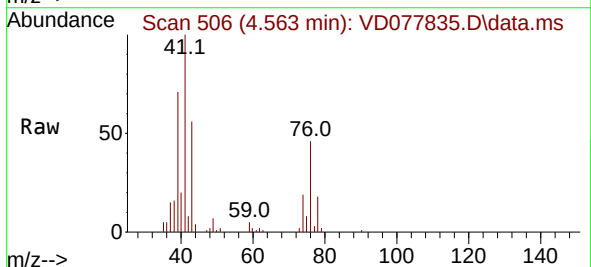
Manual Integrations
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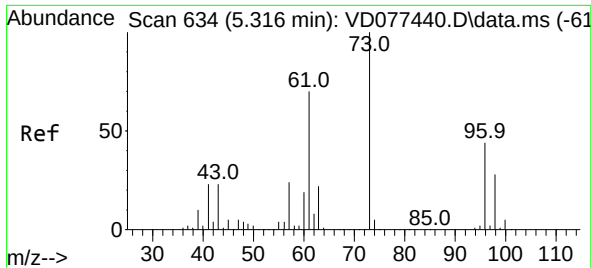
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#18
Methyl Acetate
Concen: 19.594 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 43 Resp: 28034
Ion Ratio Lower Upper
43 100
74 28.2 26.4 39.6





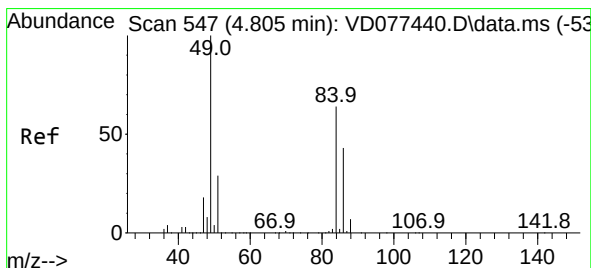
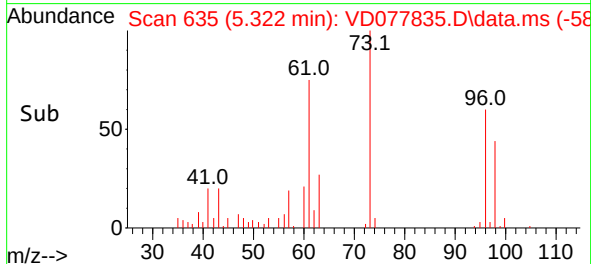
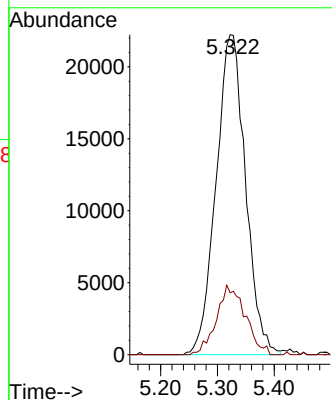
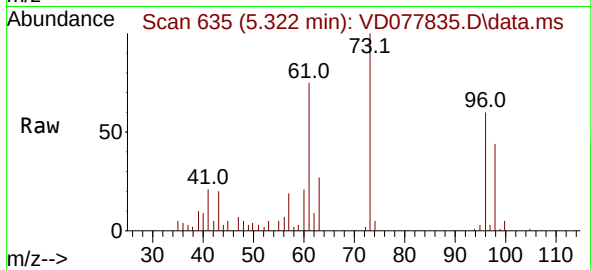
#19
Methyl tert-butyl Ether
Concen: 20.378 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

Tgt Ion: 73 Resp: 8012
Ion Ratio Lower Upper
73 100
57 19.4 16.6 25.0

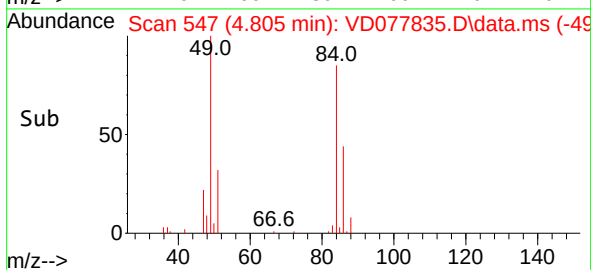
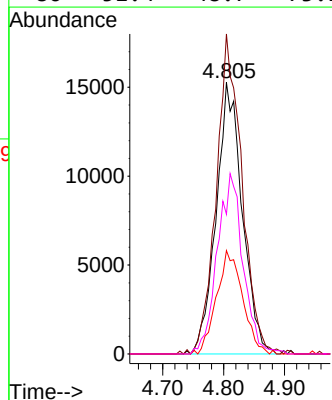
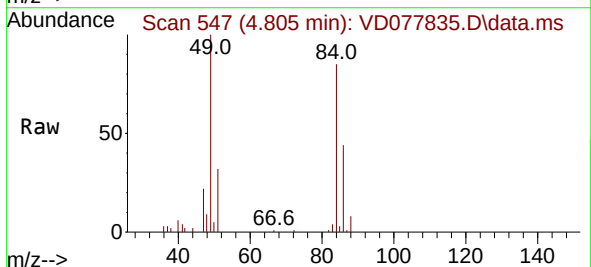
Manual Integrations
APPROVED

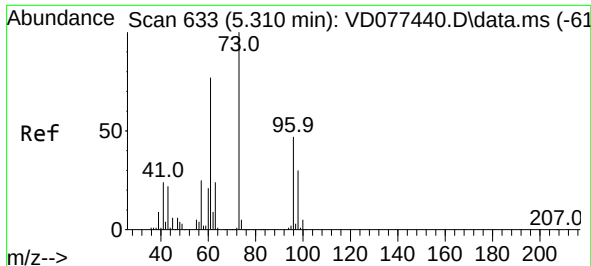
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#20
Methylene Chloride
Concen: 18.070 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

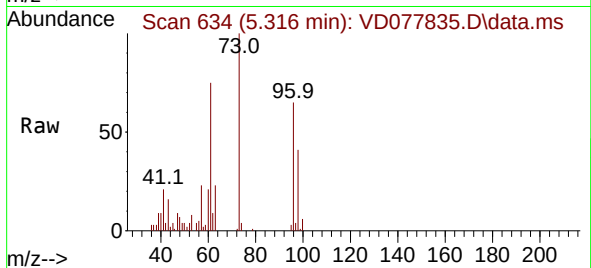
Tgt Ion: 84 Resp: 45532
Ion Ratio Lower Upper
84 100
49 116.8 71.4 107.2#
51 38.0 24.5 36.7#
86 51.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.342 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

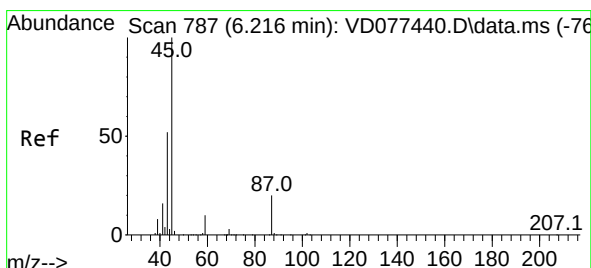
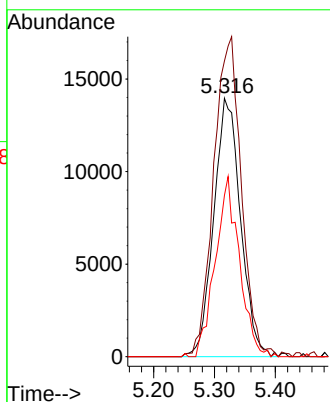
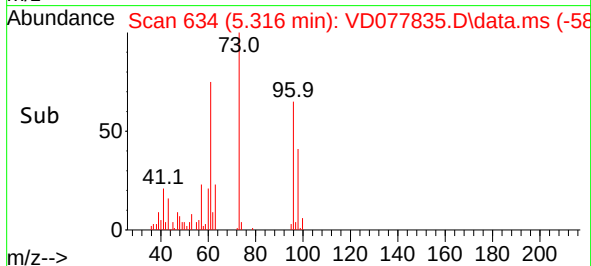
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



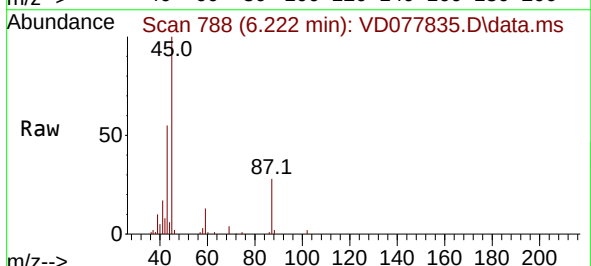
Tgt Ion: 96 Resp: 42698
Ion Ratio Lower Upper
96 100
61 114.4 89.3 133.9
98 62.4 48.6 73.0

Manual Integrations
APPROVED

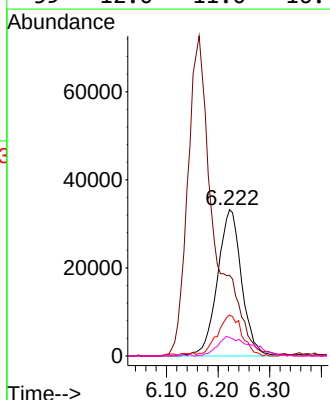
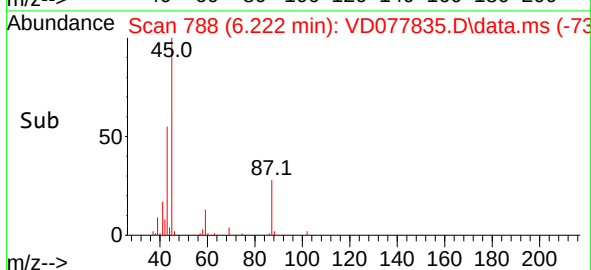
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

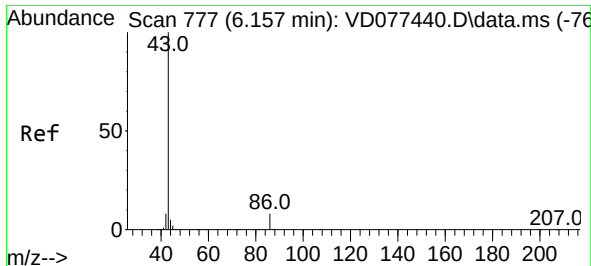


#22
Diisopropyl ether
Concen: 20.235 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30



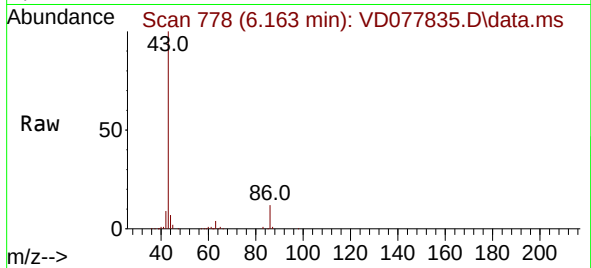
Tgt Ion: 45 Resp: 107774
Ion Ratio Lower Upper
45 100
43 53.9 40.0 60.0
87 28.0 28.2 42.4#
59 12.0 11.0 16.4





#23
 Vinyl Acetate
 Concen: 99.694 ug/l
 RT: 6.163 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VD077835.D
 Acq: 12 Dec 2023 11:30

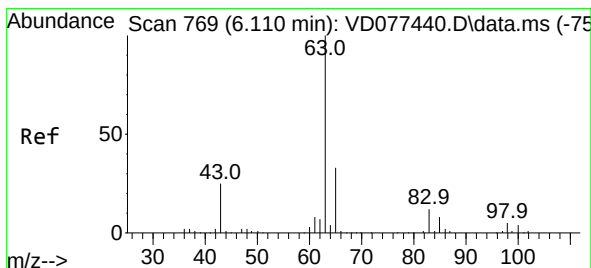
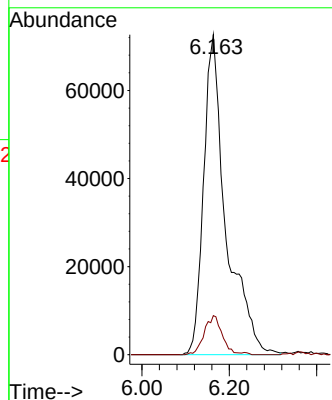
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS03



Tgt Ion: 43 Resp: 25930
 Ion Ratio Lower Upper
 43 100
 86 12.2 12.5 18.7

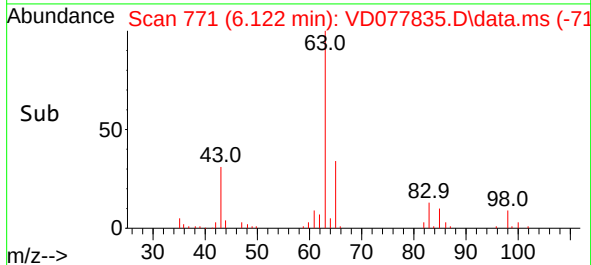
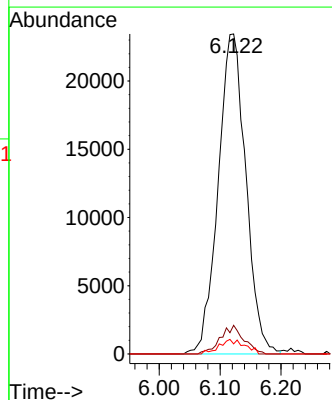
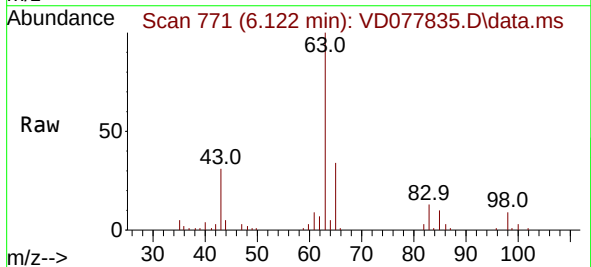
Manual Integrations
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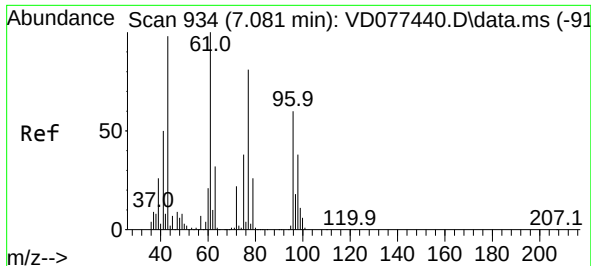
Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 20.514 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077835.D
 Acq: 12 Dec 2023 11:30

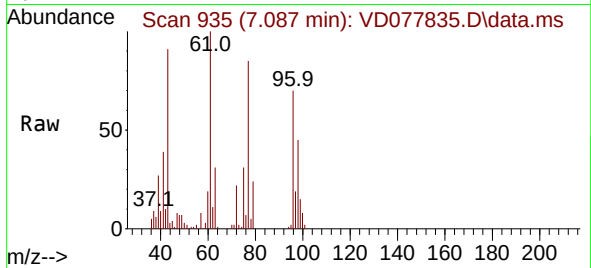
Tgt Ion: 63 Resp: 73992
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.5 13.7
 100 3.2 2.5 7.5





#25
2-Butanone
Concen: 110.293 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

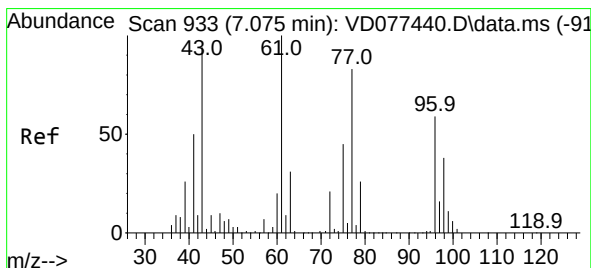
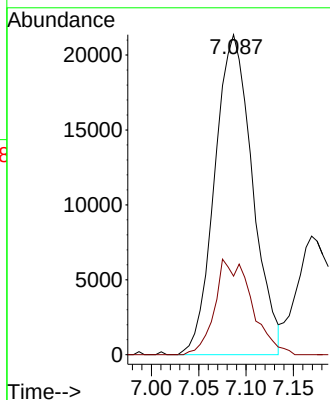
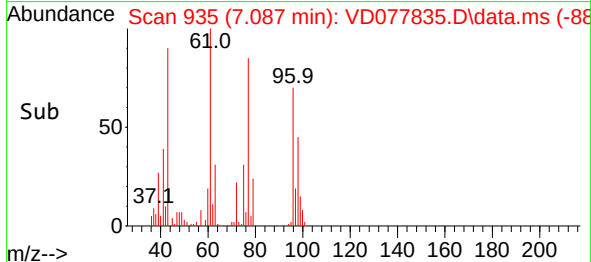
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 43 Resp: 5926
Ion Ratio Lower Upper
43 100
72 24.5 30.7 46.1

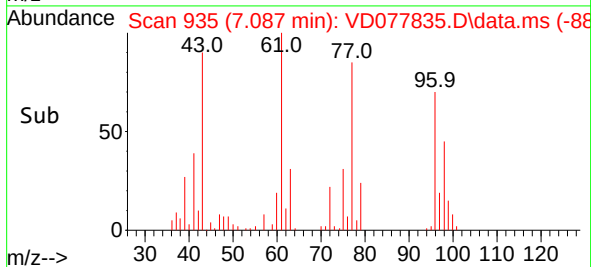
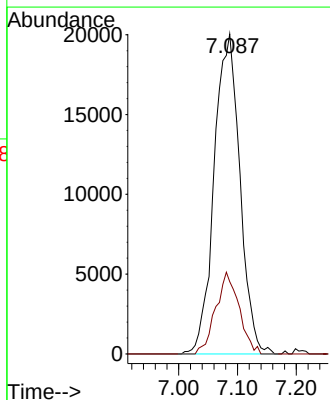
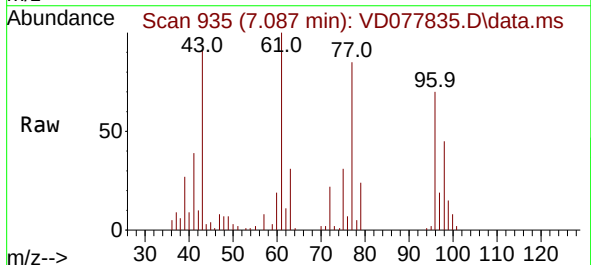
Manual Integrations
APPROVED

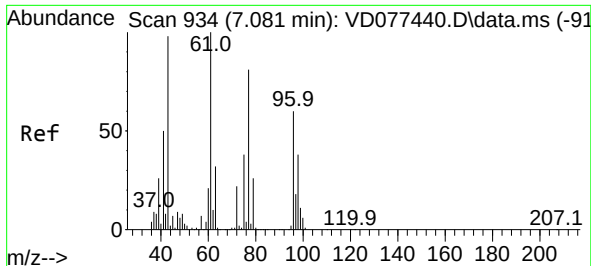
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#26
2,2-Dichloropropane
Concen: 20.112 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

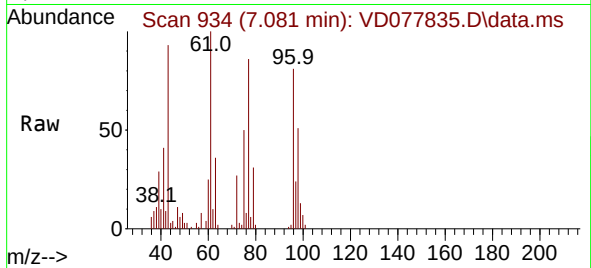
Tgt Ion: 77 Resp: 60906
Ion Ratio Lower Upper
77 100
97 23.2 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.374 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077835.D
 Acq: 12 Dec 2023 11:30

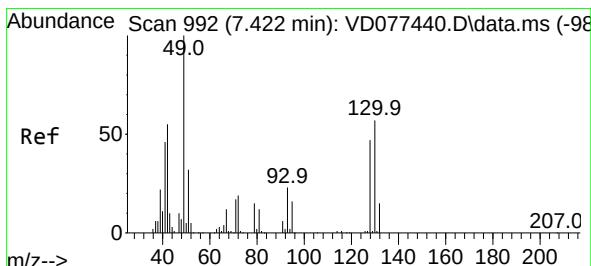
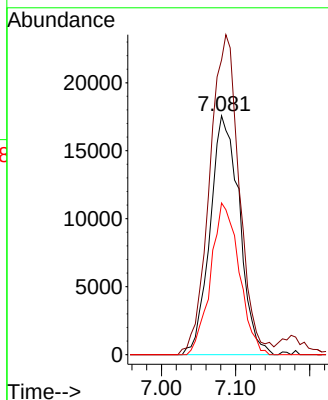
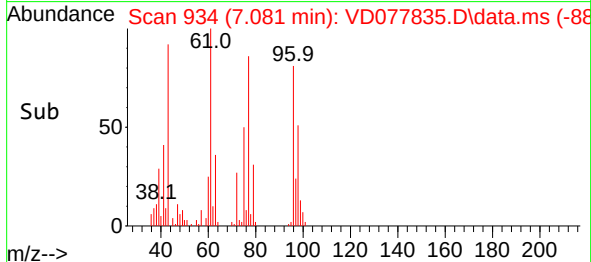
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS03



Tgt Ion: 96 Resp: 48270
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 239.2
 98 61.7 0.0 128.6

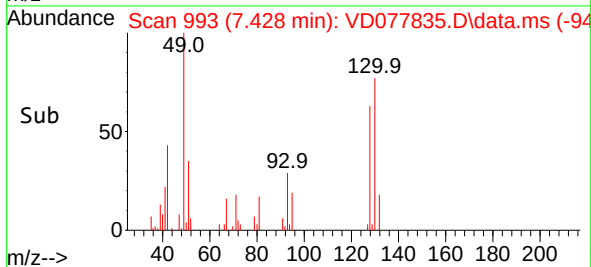
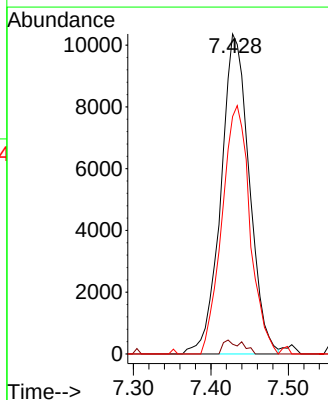
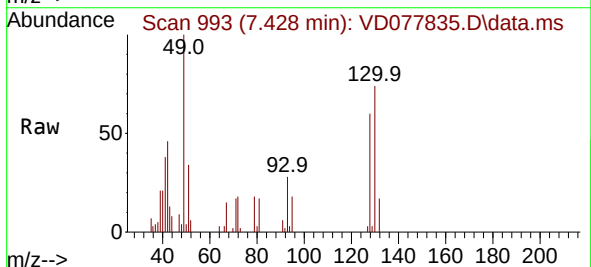
Manual Integrations
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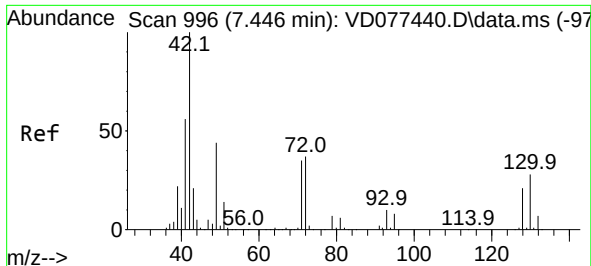
Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023



#28
 Bromochloromethane
 Concen: 18.119 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077835.D
 Acq: 12 Dec 2023 11:30

Tgt Ion: 49 Resp: 26408
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 6.0
 130 76.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 97.682 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

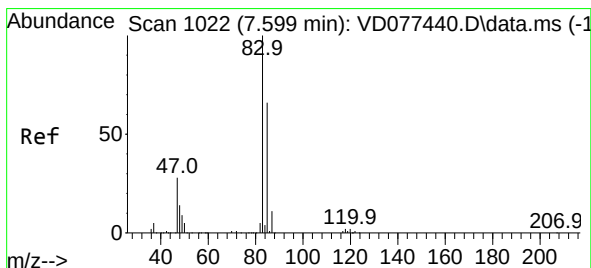
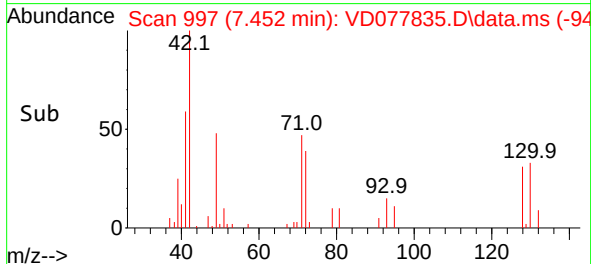
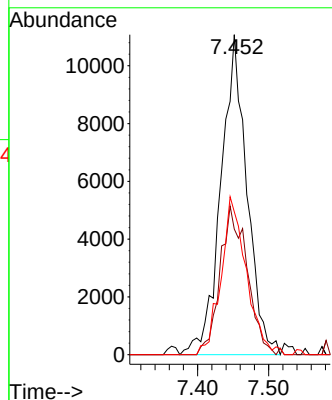
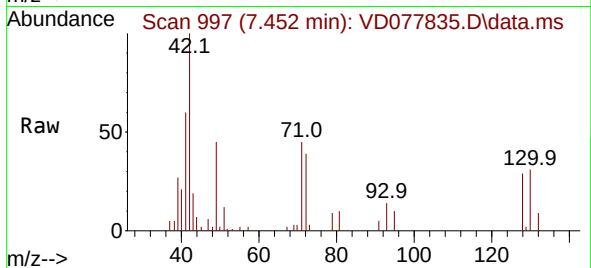
VD1212SBS03

Tgt Ion:	42	Resp:	2825
Ion Ratio	Lower	Upper	
42	100		
72	48.1	46.5	69.7
71	47.9	44.5	66.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#30

Chloroform

Concen: 20.170 ug/l

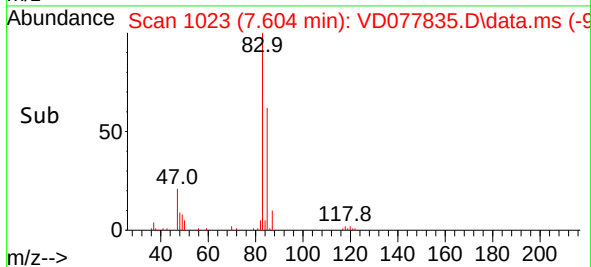
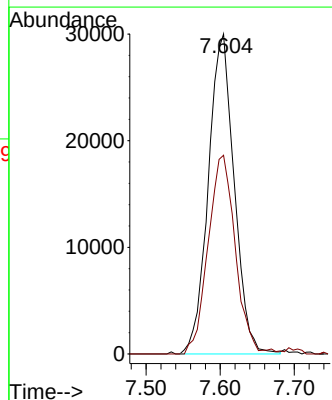
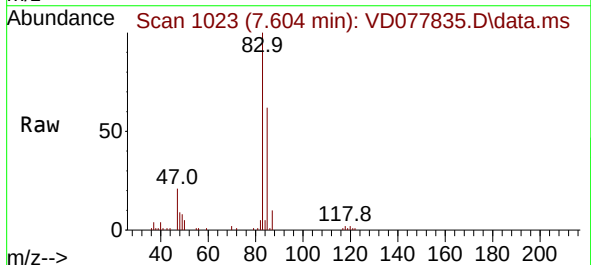
RT: 7.604 min Scan# 1023

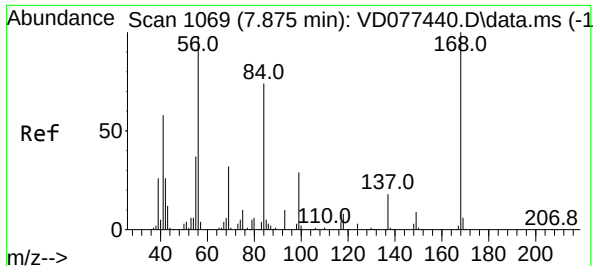
Delta R.T. 0.005 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

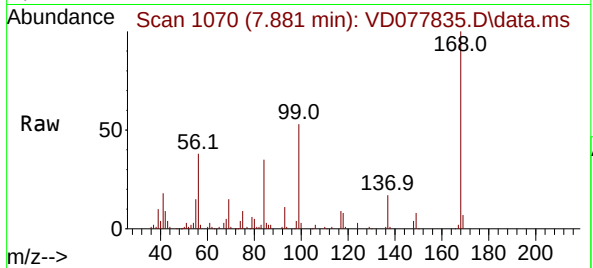
Tgt Ion:	83	Resp:	72809
Ion Ratio	Lower	Upper	
83	100		
85	62.1	53.4	80.2





#31
Cyclohexane
Concen: 19.747 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

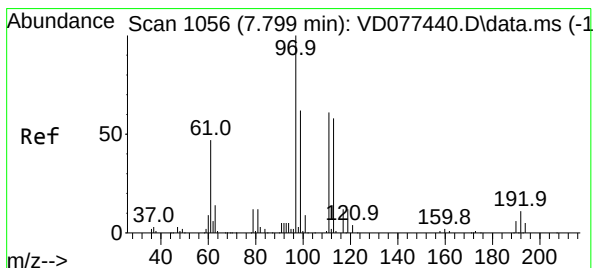
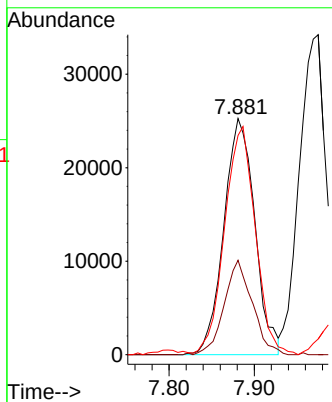
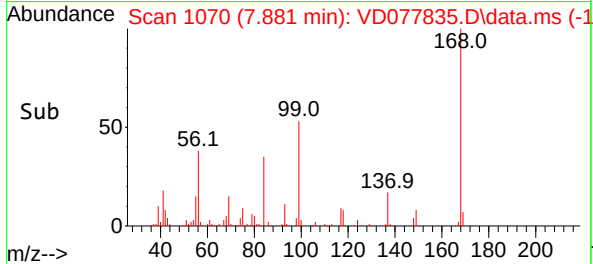
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 56 Resp: 63808
Ion Ratio Lower Upper
56 100
69 40.2 28.6 43.0
84 92.4 84.8 127.2

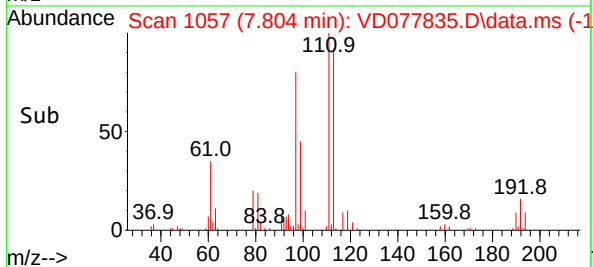
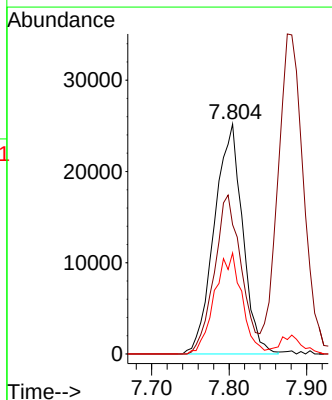
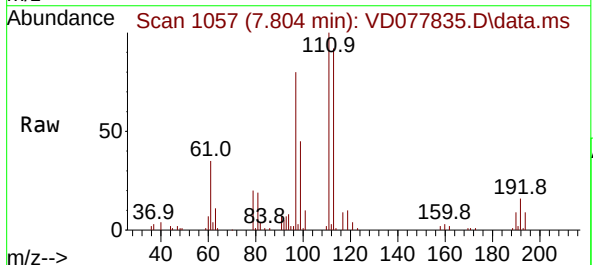
Manual Integrations
APPROVED

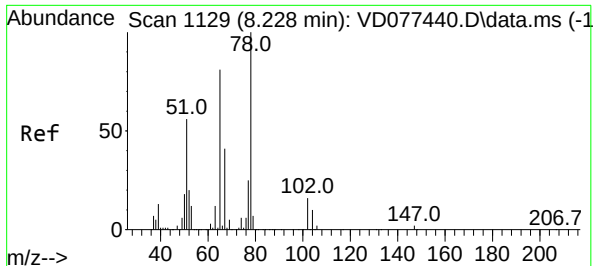
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#32
1,1,1-Trichloroethane
Concen: 20.069 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 97 Resp: 63867
Ion Ratio Lower Upper
97 100
99 66.2 52.0 78.0
61 42.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 41.814 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS03

Tgt Ion: 65 Resp: 7596

Ion Ratio Lower Upper

65 100

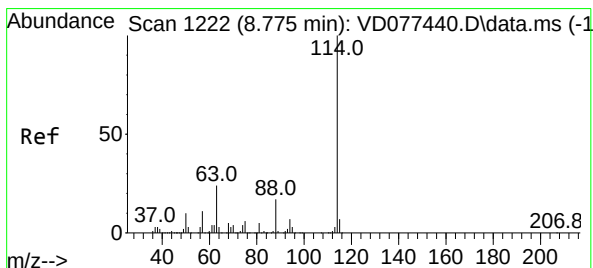
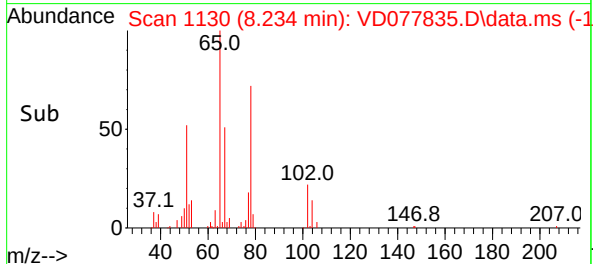
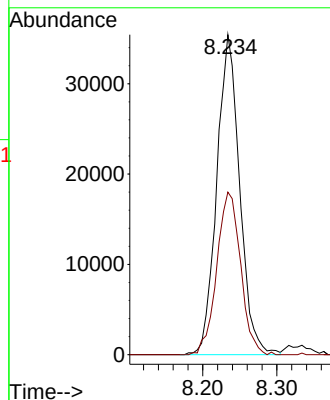
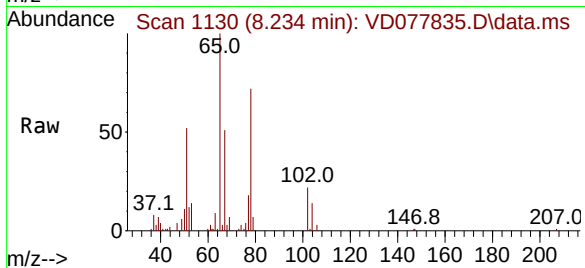
67 52.9 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

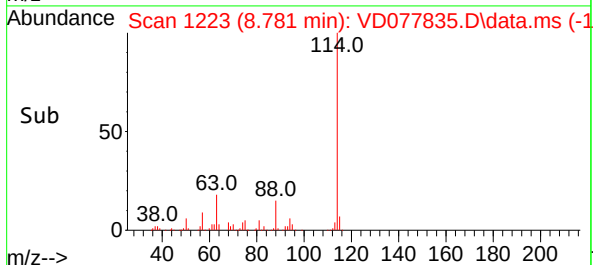
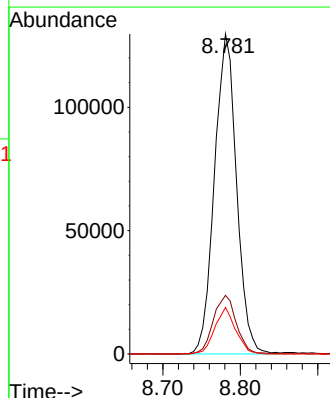
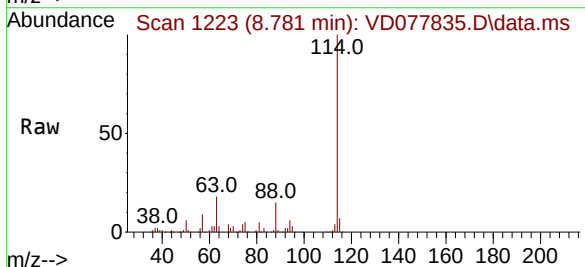
Tgt Ion:114 Resp: 256913

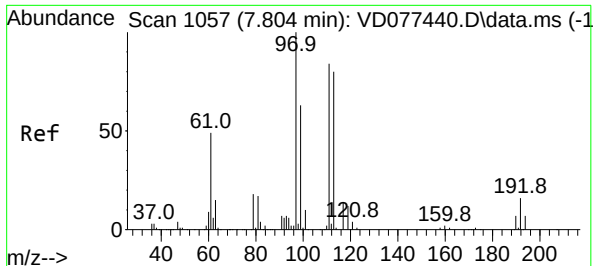
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 42.549 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

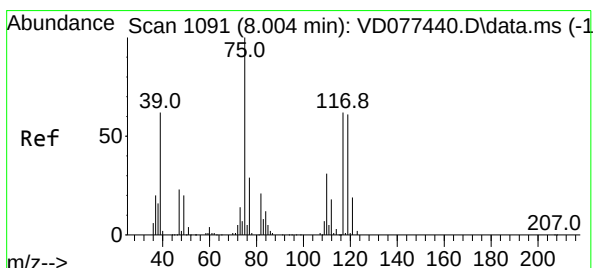
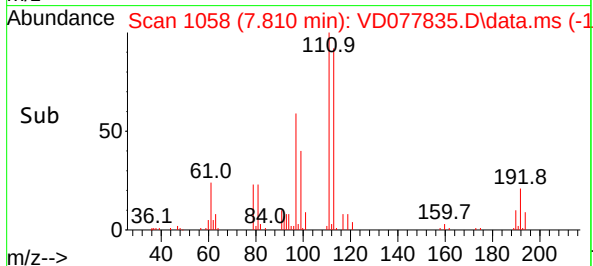
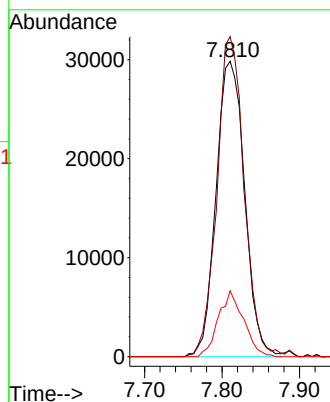
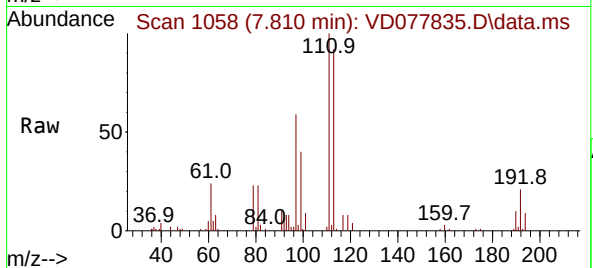
VD1212SBS03

Tgt Ion:	113	Resp:	76570
Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.7	127.1
192	19.7	16.8	25.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#36

1,1-Dichloropropene

Concen: 19.832 ug/l

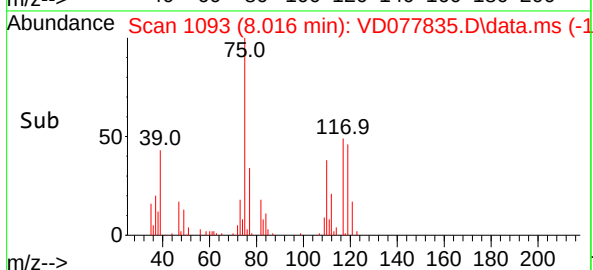
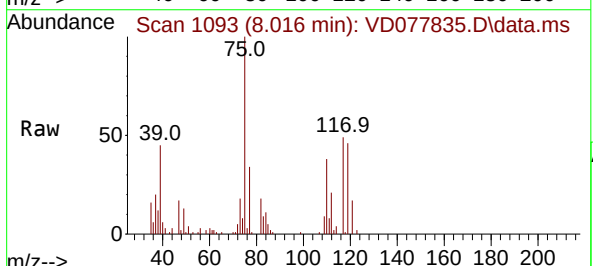
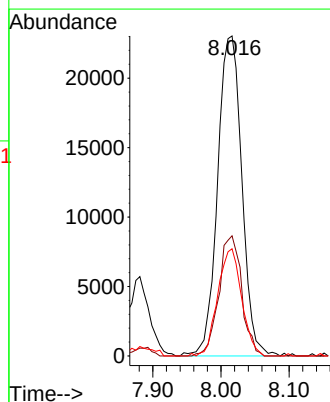
RT: 8.016 min Scan# 1093

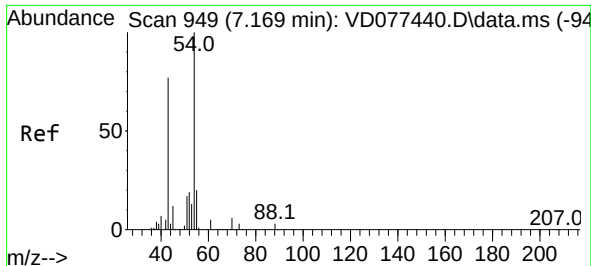
Delta R.T. 0.012 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Tgt Ion:	75	Resp:	57087
Ion	Ratio	Lower	Upper
75	100		
110	35.4	19.9	59.6
77	33.0	24.7	37.1





#37

Ethyl Acetate

Concen: 17.830 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077835.D

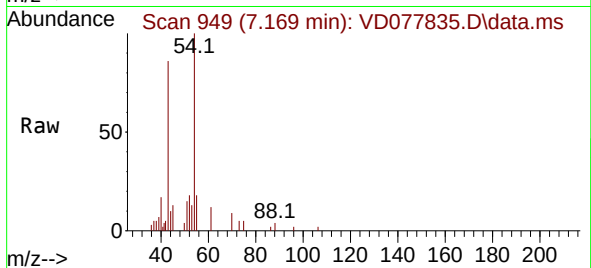
Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS03

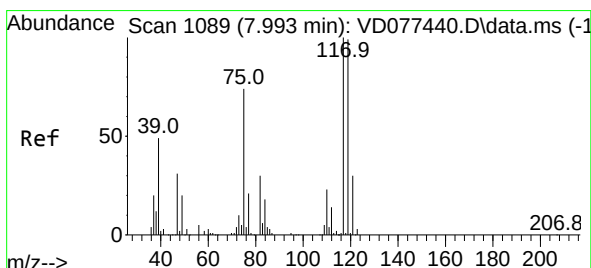
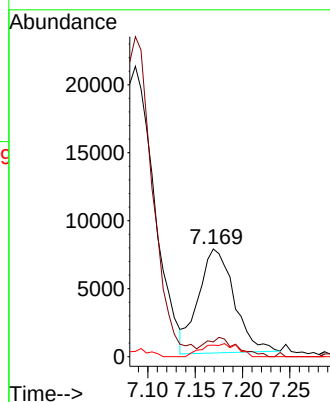
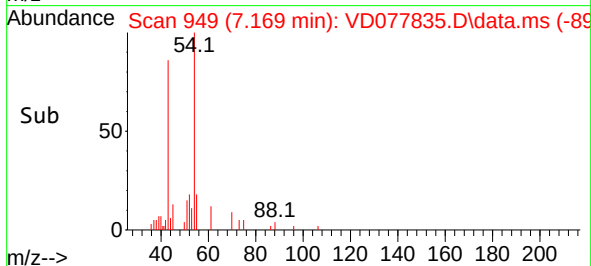


Tgt Ion:	43	Resp:	2001
Ion	Ratio	Lower	Upper
43	100		
61	16.2	14.9	22.3
70	12.4	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#38

Carbon Tetrachloride

Concen: 20.132 ug/l

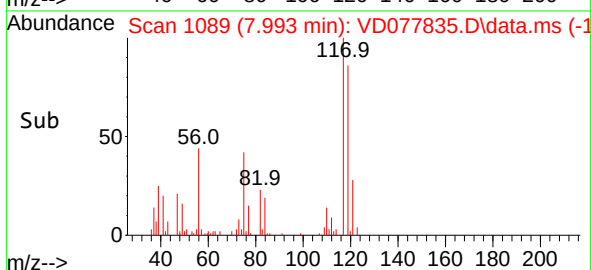
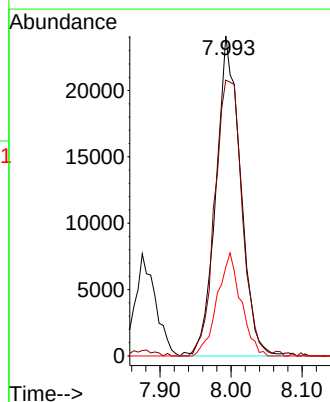
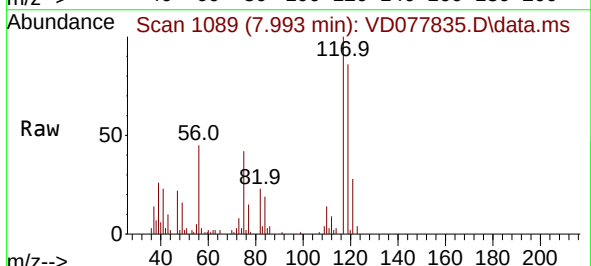
RT: 7.993 min Scan# 1089

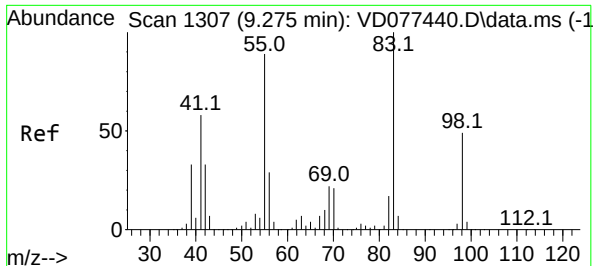
Delta R.T. -0.000 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Tgt Ion:	117	Resp:	57772
Ion	Ratio	Lower	Upper
117	100		
119	86.2	78.0	117.0
121	27.8	24.2	36.2





#39

Methylcyclohexane

Concen: 20.358 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

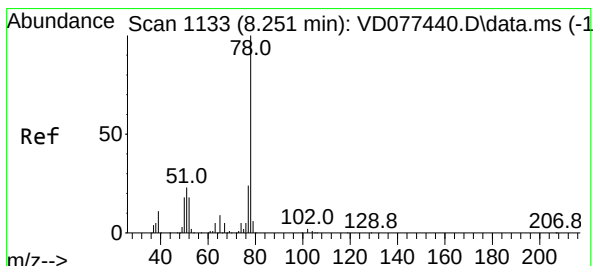
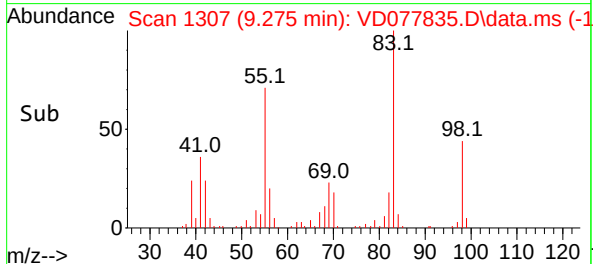
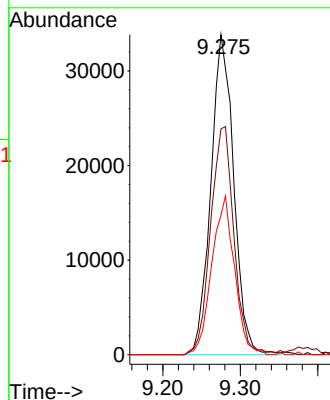
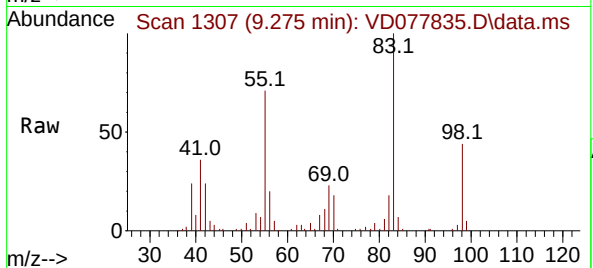
VD1212SBS03

Tgt Ion: 83 Resp: 6947
 Ion Ratio Lower Upper
 83 100
 55 70.6 49.4 74.0
 98 43.6 38.4 57.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023



#40

Benzene

Concen: 20.430 ug/l

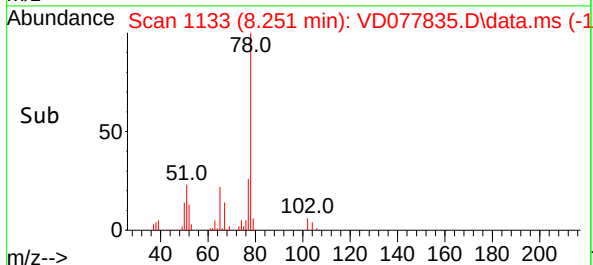
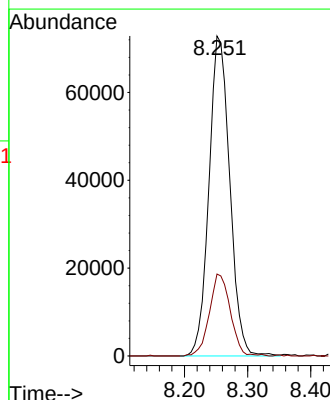
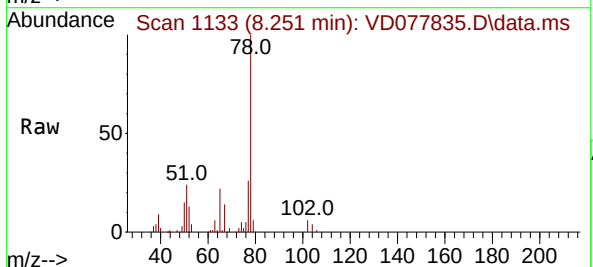
RT: 8.251 min Scan# 1133

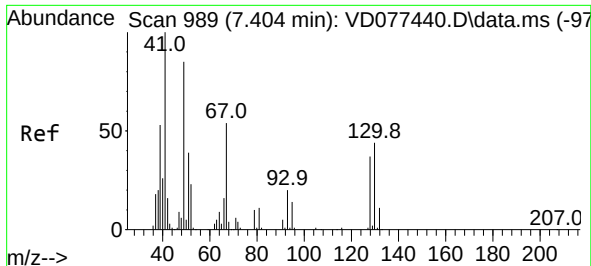
Delta R.T. 0.000 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

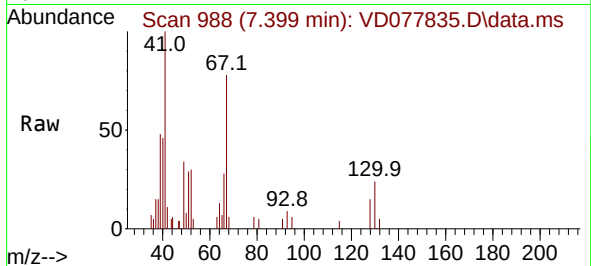
Tgt Ion: 78 Resp: 166910
 Ion Ratio Lower Upper
 78 100
 77 25.6 19.4 29.0





#41
Methacrylonitrile
Concen: 21.745 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

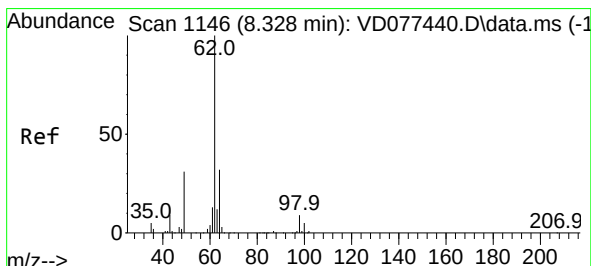
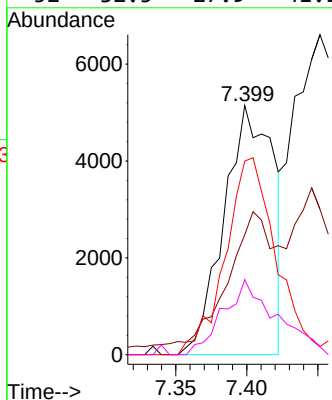
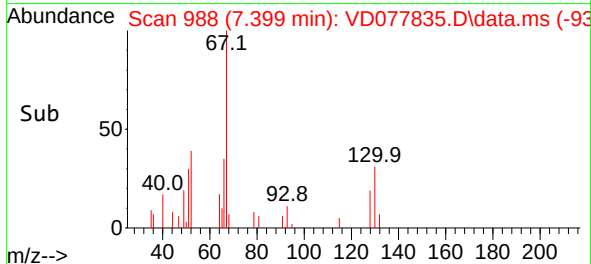
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 41 Resp: 1240
Ion Ratio Lower Upper
41 100
39 57.1 34.0 51.0
67 80.7 77.0 115.4
52 32.5 27.9 41.9

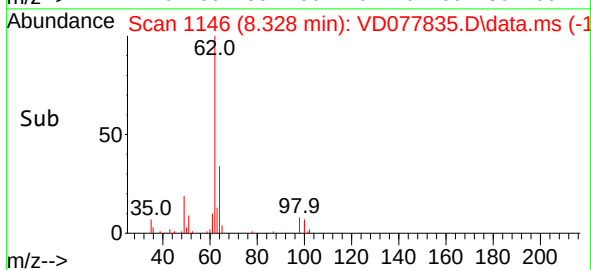
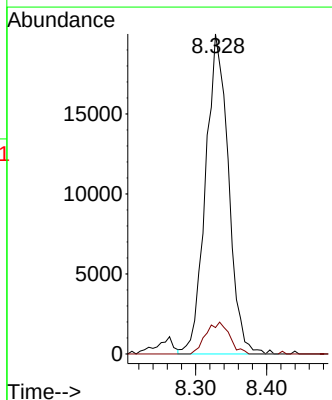
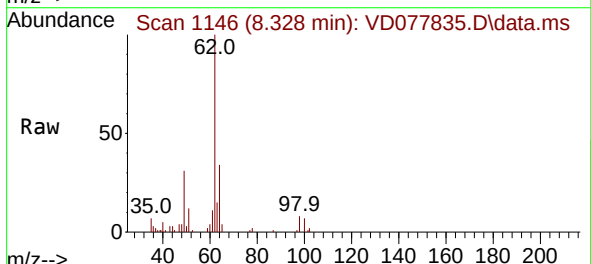
Manual Integrations
APPROVED

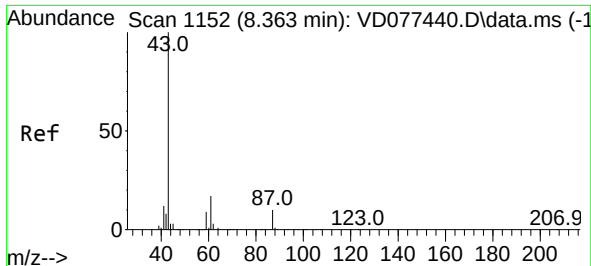
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#42
1,2-Dichloroethane
Concen: 21.111 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

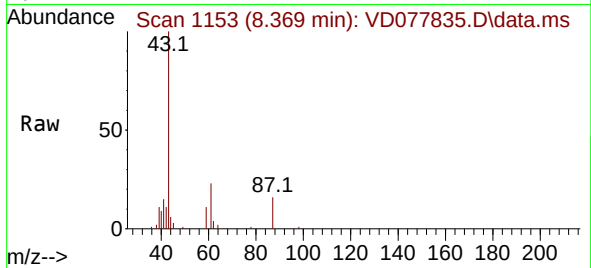
Tgt Ion: 62 Resp: 44708
Ion Ratio Lower Upper
62 100
98 10.3 0.0 25.4





#43
Isopropyl Acetate
Concen: 20.440 ug/l
RT: 8.369 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

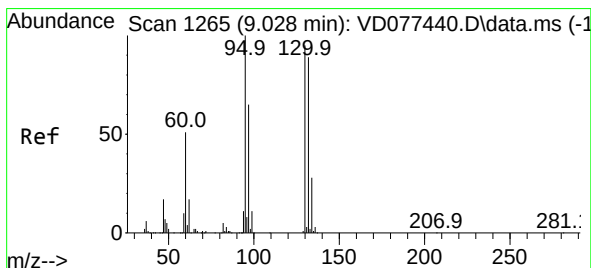
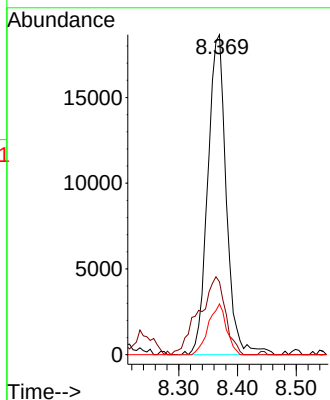
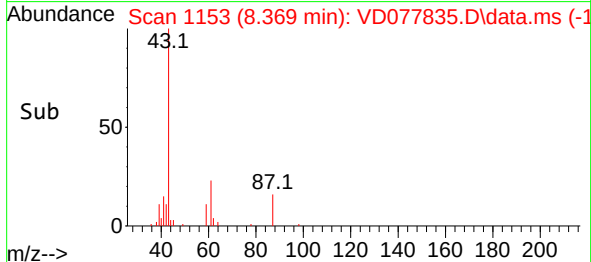
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 43 Resp: 4078
Ion Ratio Lower Upper
43 100
61 34.7 31.4 47.0
87 15.4 14.9 22.3

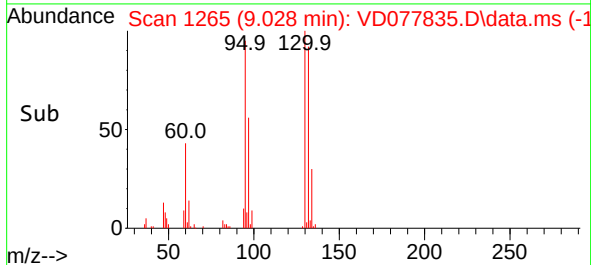
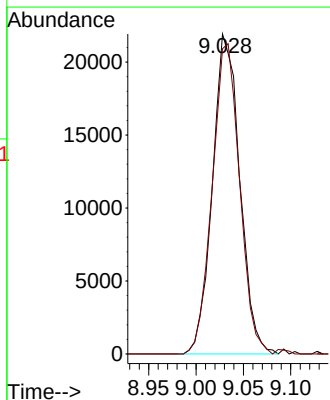
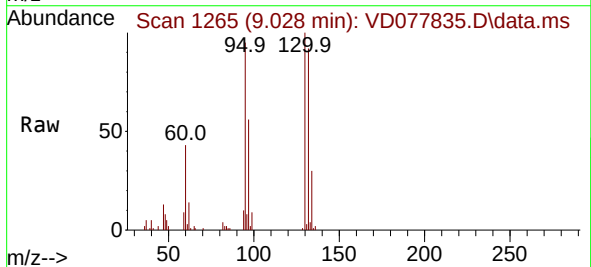
Manual Integrations
APPROVED

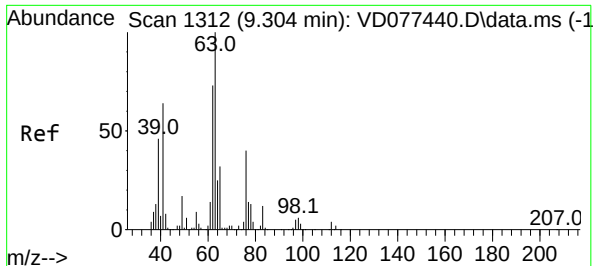
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#44
Trichloroethene
Concen: 20.639 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:130 Resp: 43941
Ion Ratio Lower Upper
130 100
95 95.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.001 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS03

Tgt Ion: 63 Resp: 41710

Ion Ratio Lower Upper

63 100

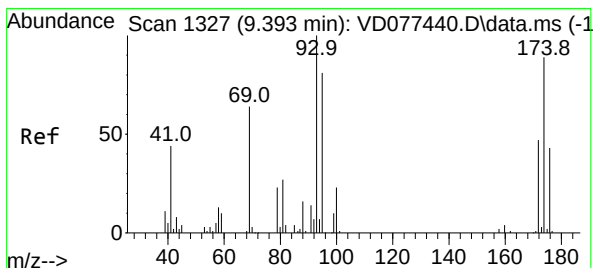
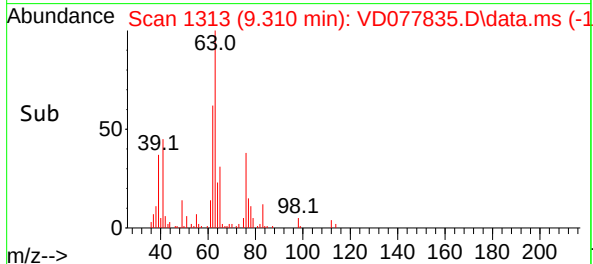
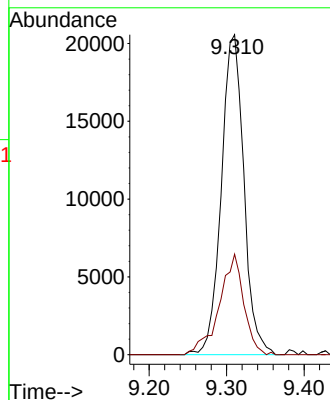
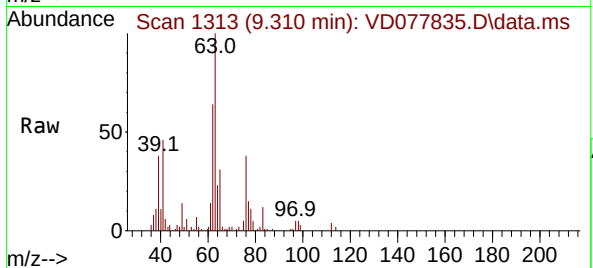
65 31.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#46

Dibromomethane

Concen: 20.694 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

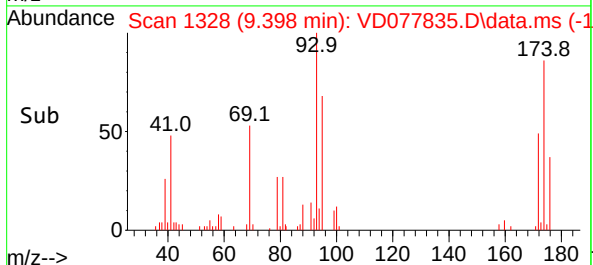
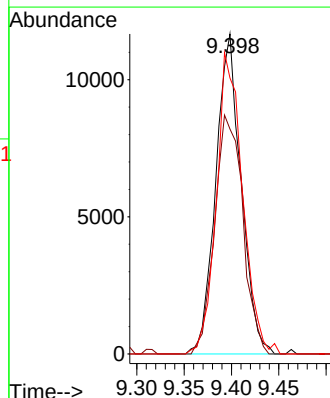
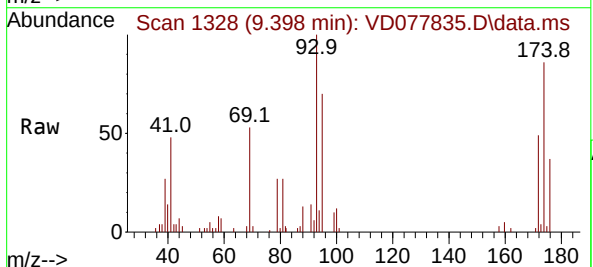
Tgt Ion: 93 Resp: 21746

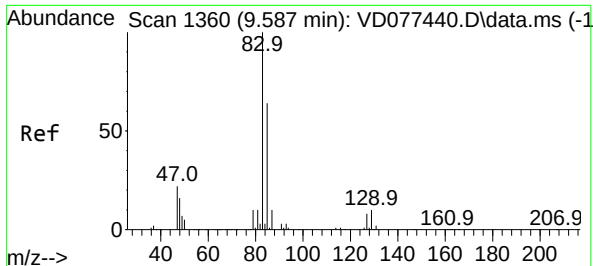
Ion Ratio Lower Upper

93 100

95 82.7 67.7 101.5

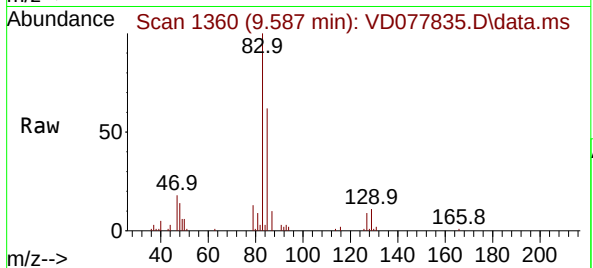
174 97.1 85.4 128.2





#47
Bromodichloromethane
Concen: 20.579 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

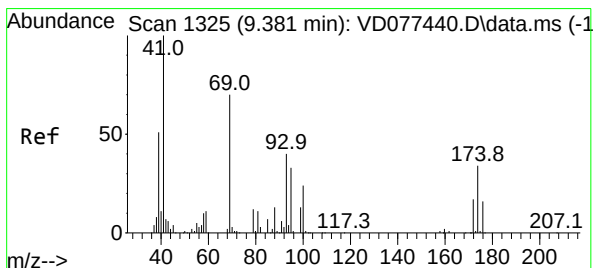
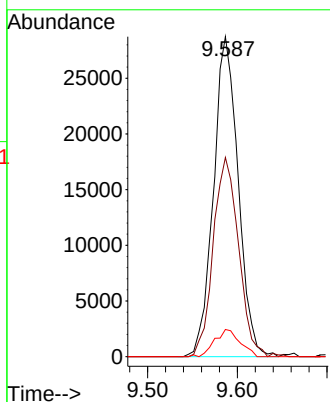
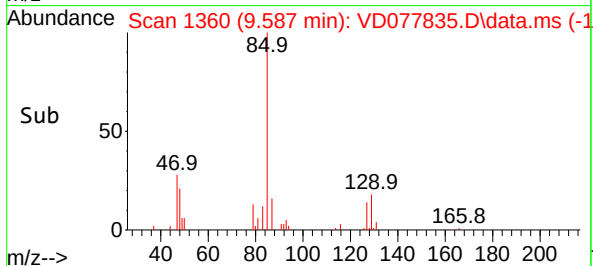
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



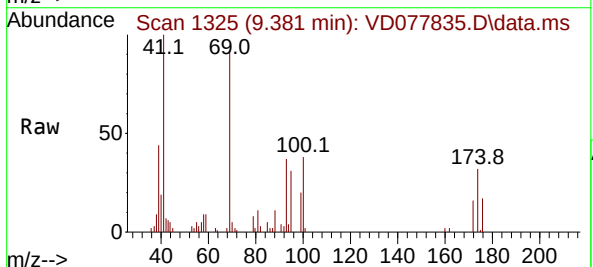
Tgt Ion: 83 Resp: 54814
Ion Ratio Lower Upper
83 100
85 62.2 50.2 75.4
127 8.5 6.3 9.5

Manual Integrations
APPROVED

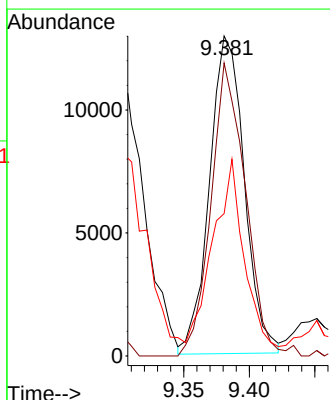
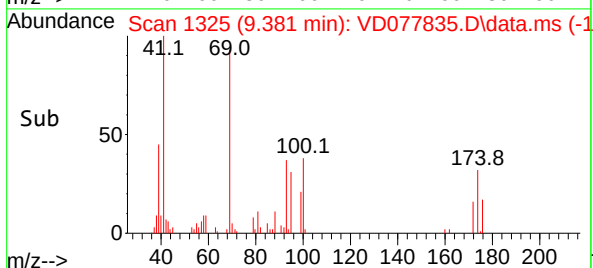
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

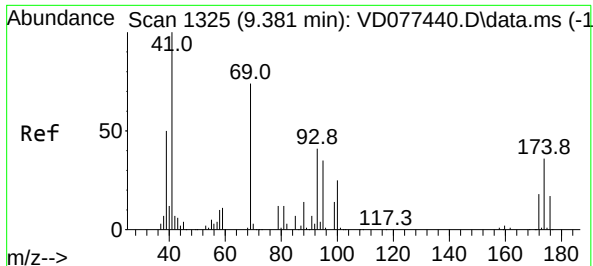


#48
Methyl methacrylate
Concen: 21.020 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30



Tgt Ion: 41 Resp: 23840
Ion Ratio Lower Upper
41 100
69 91.5 102.2 153.2#
39 50.9 41.4 62.2





#49

1,4-Dioxane

Concen: 372.219 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS03

Tgt Ion: 88 Resp: 3884

Ion Ratio Lower Upper

88 100

43 44.9 19.0 28.6

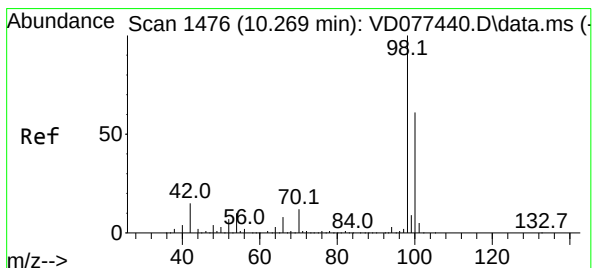
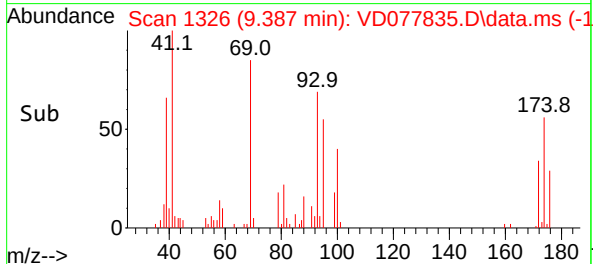
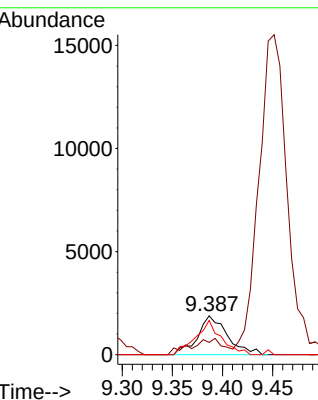
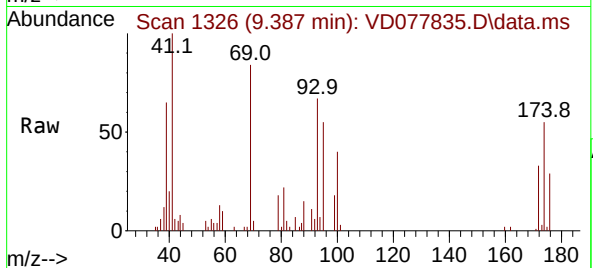
58 76.6 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#50

Toluene-d8

Concen: 43.460 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077835.D

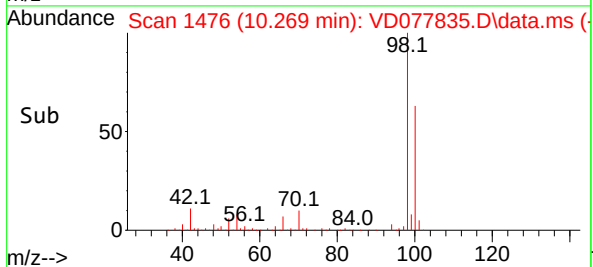
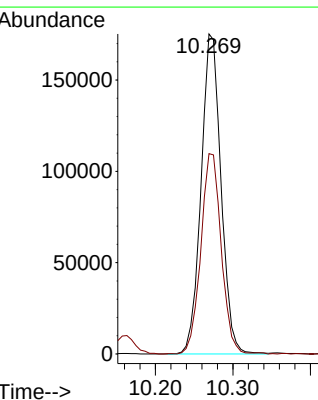
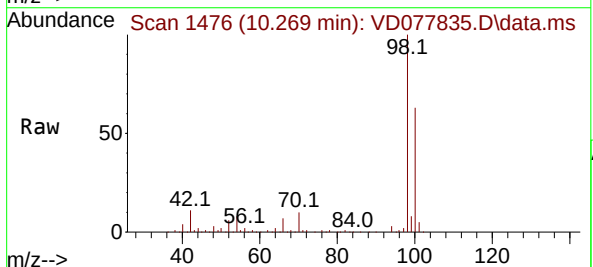
Acq: 12 Dec 2023 11:30

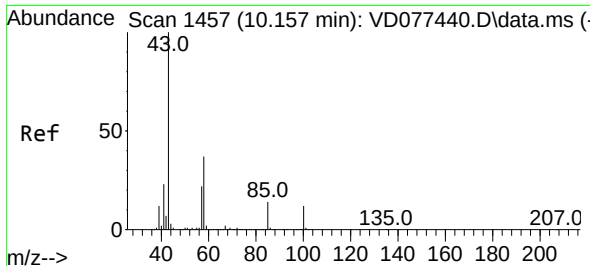
Tgt Ion: 98 Resp: 313245

Ion Ratio Lower Upper

98 100

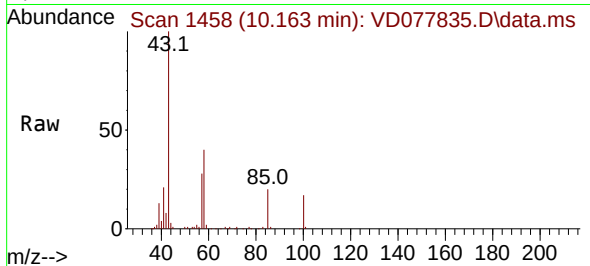
100 64.1 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 104.814 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

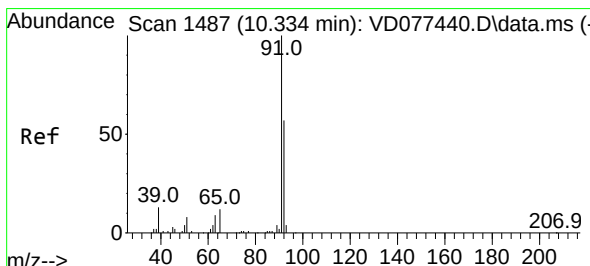
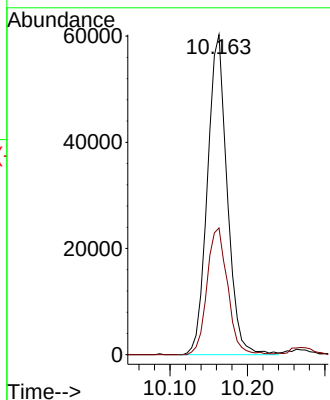
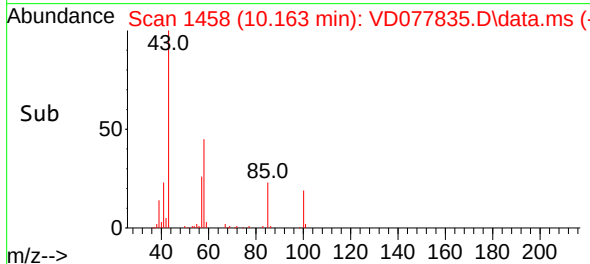
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 43 Resp: 106730
Ion Ratio Lower Upper
43 100
58 41.4 38.9 58.3

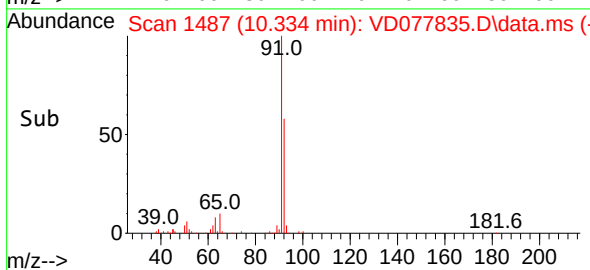
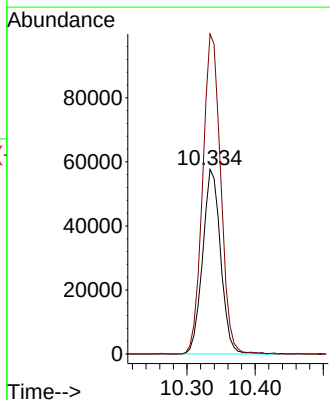
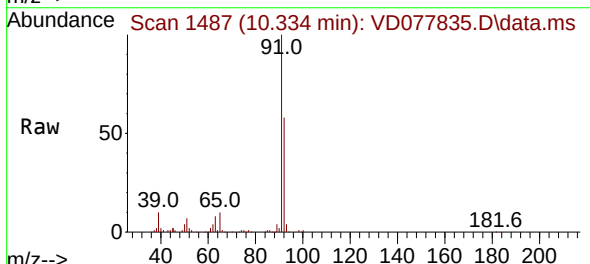
Manual Integrations
APPROVED

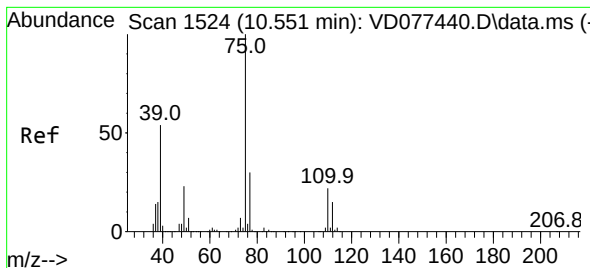
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#52
Toluene
Concen: 20.830 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion: 92 Resp: 105565
Ion Ratio Lower Upper
92 100
91 173.9 143.0 214.4





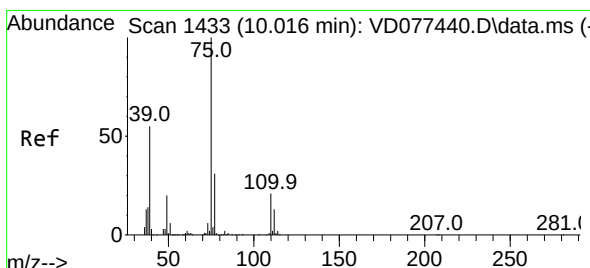
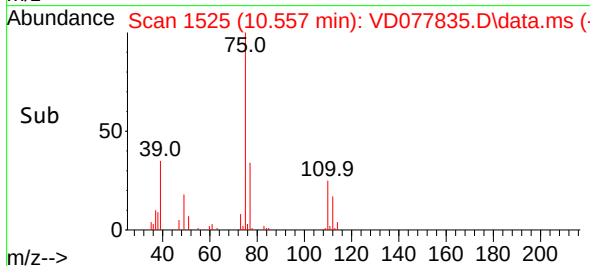
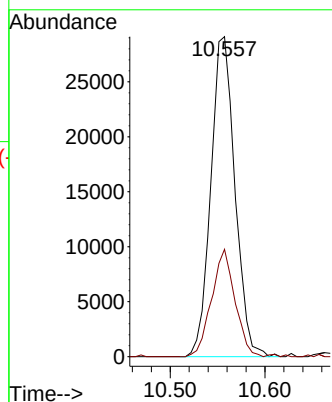
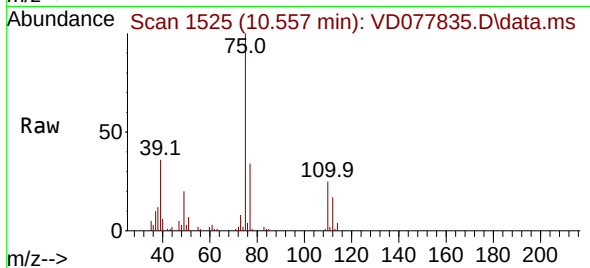
#53
t-1,3-Dichloropropene
Concen: 20.130 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

Tgt Ion: 75 Resp: 51490
Ion Ratio Lower Upper
75 100
77 33.5 25.3 37.9

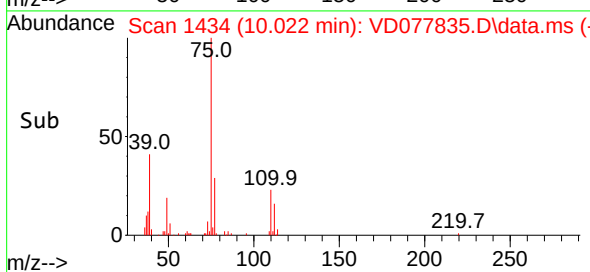
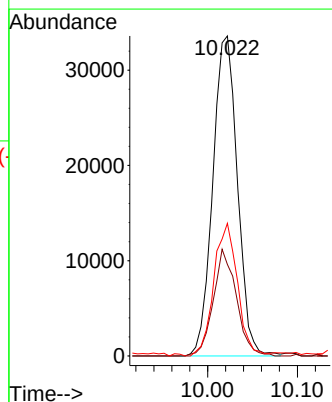
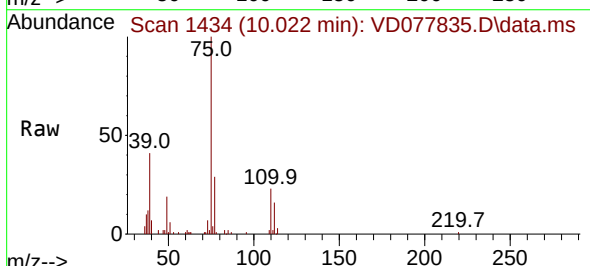
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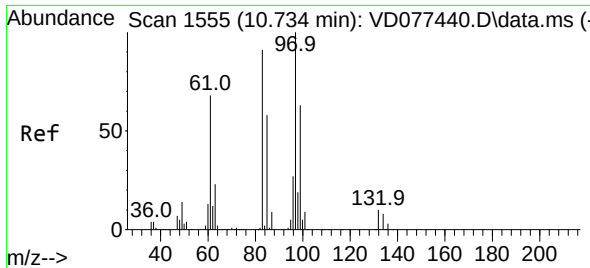
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#54
cis-1,3-Dichloropropene
Concen: 20.712 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

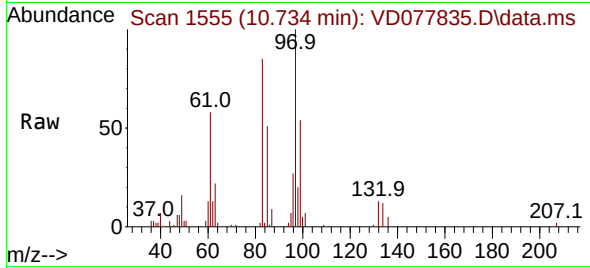
Tgt Ion: 75 Resp: 64051
Ion Ratio Lower Upper
75 100
77 28.6 25.5 38.3
39 40.9 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 19.870 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

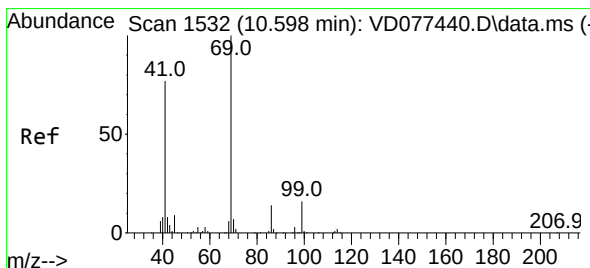
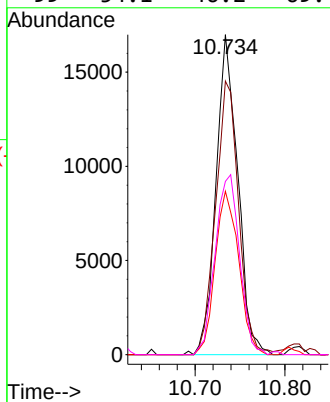
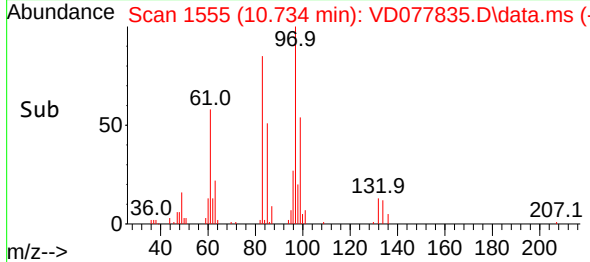
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.8	98.6
85	51.1	45.7	68.5
99	54.1	46.2	69.4

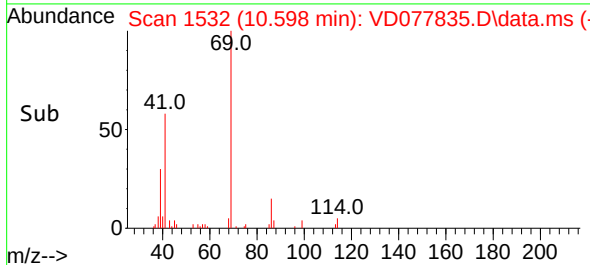
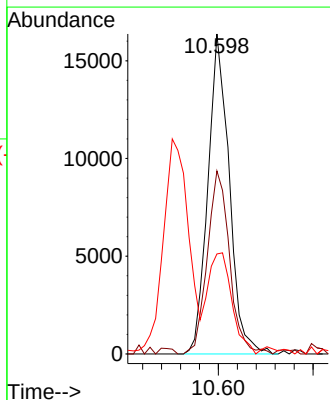
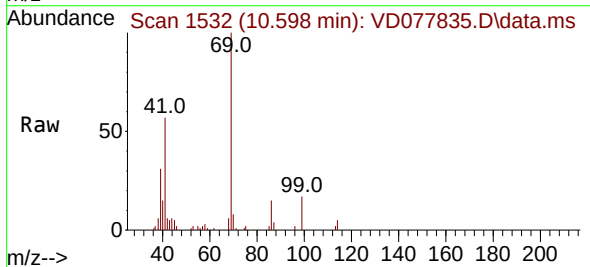
Manual Integrations
APPROVED

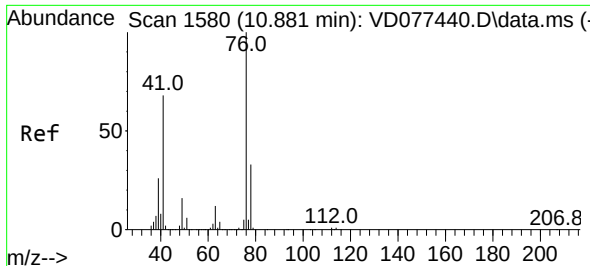
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#56
Ethyl methacrylate
Concen: 20.247 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.8	39.1	58.7#
39	35.6	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 20.259 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS03

Tgt Ion: 76 Resp: 5019

Ion Ratio Lower Upper

76 100

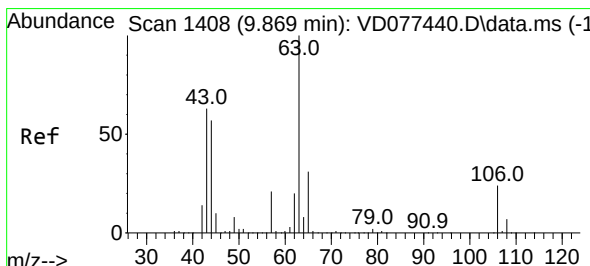
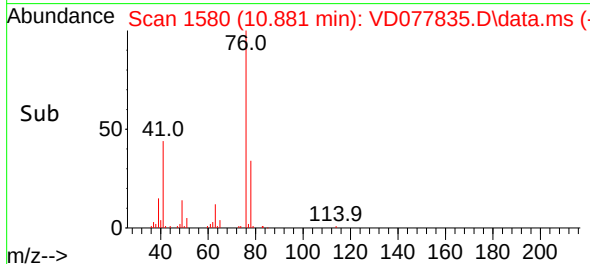
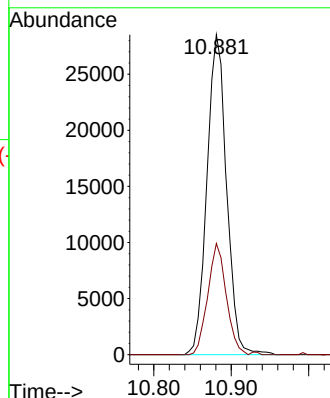
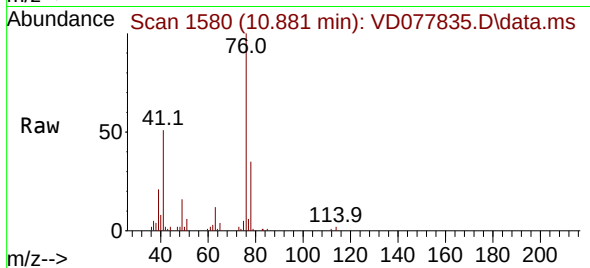
78 32.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023

Supervised By :Semsettin Yesilyurt 12/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 83.531 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077835.D

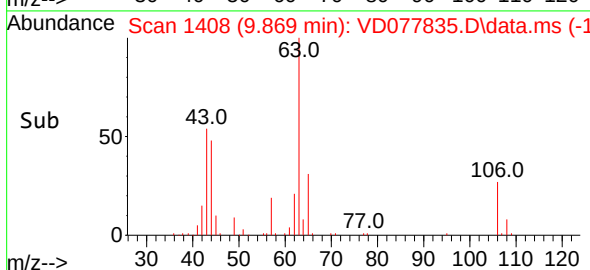
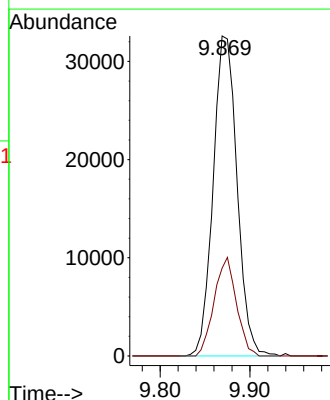
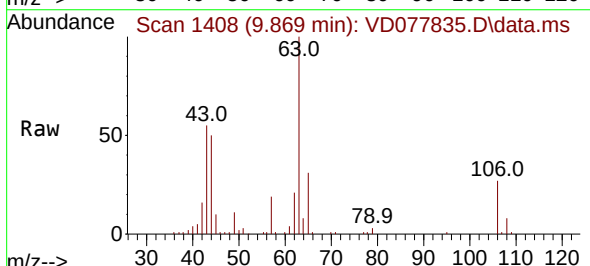
Acq: 12 Dec 2023 11:30

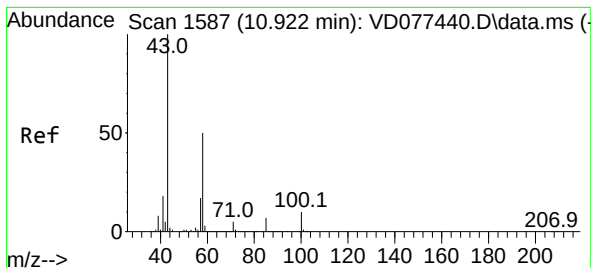
Tgt Ion: 63 Resp: 60360

Ion Ratio Lower Upper

63 100

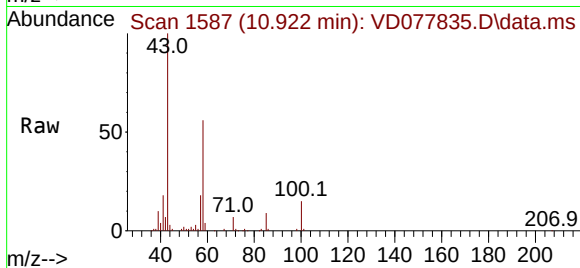
106 28.6 25.3 37.9





#59
2-Hexanone
Concen: 109.967 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

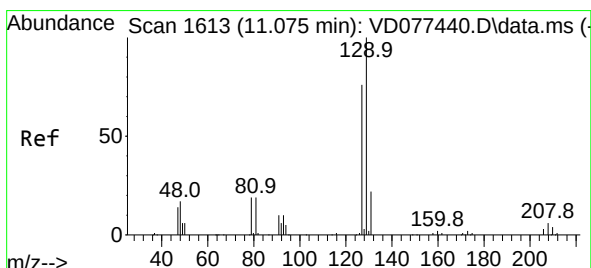
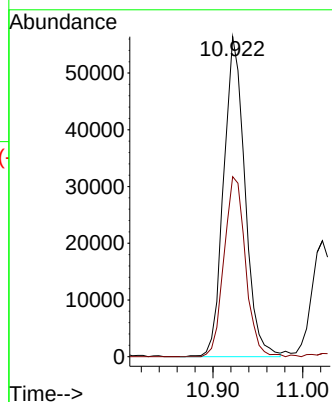
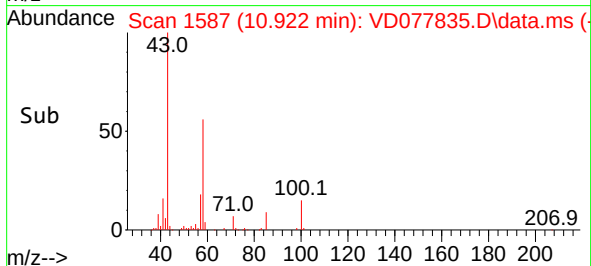
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 43 Resp: 92902
Ion Ratio Lower Upper
43 100
58 56.7 34.1 102.2

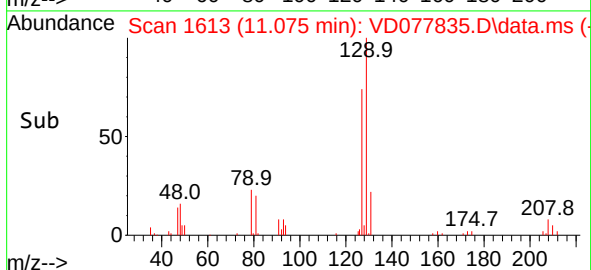
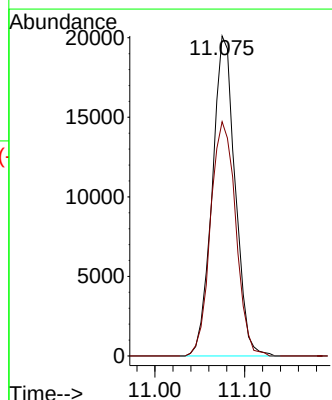
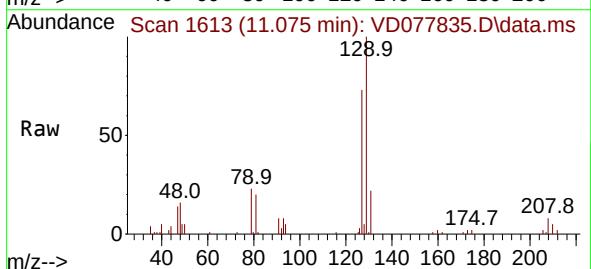
Manual Integrations
APPROVED

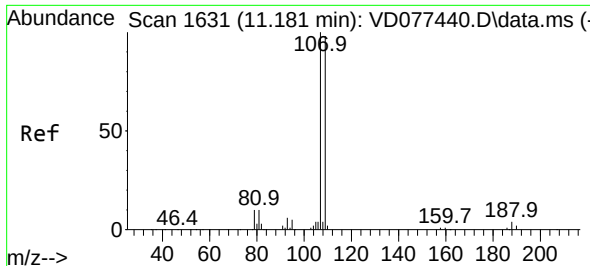
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#60
Dibromochloromethane
Concen: 20.597 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

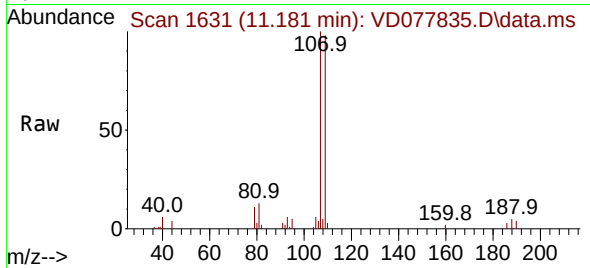
Tgt Ion:129 Resp: 35646
Ion Ratio Lower Upper
129 100
127 80.5 37.1 111.5





#61
1,2-Dibromoethane
Concen: 20.325 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

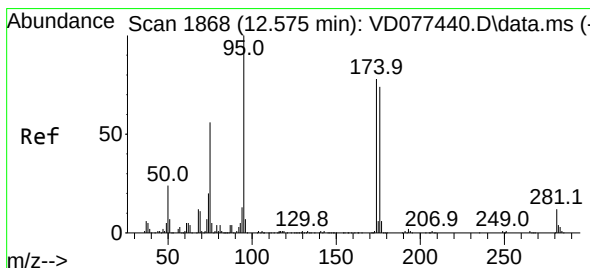
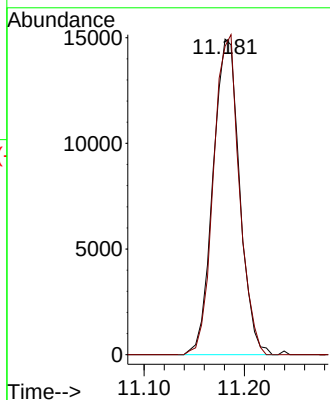
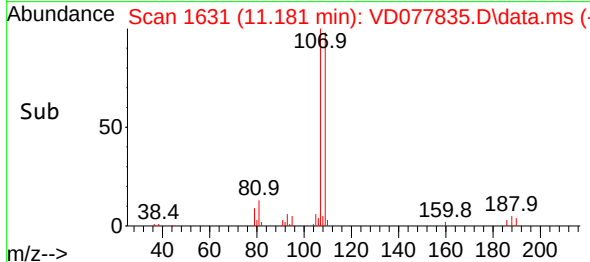
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



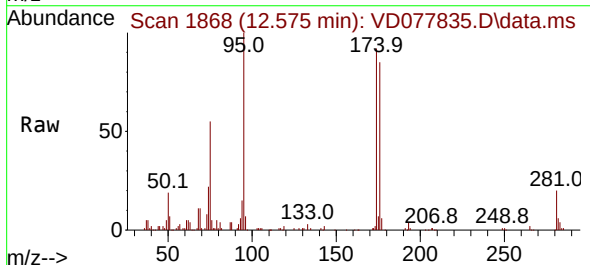
Tgt Ion:107 Resp: 27502
Ion Ratio Lower Upper
107 100
109 98.3 75.6 113.4

Manual Integrations
APPROVED

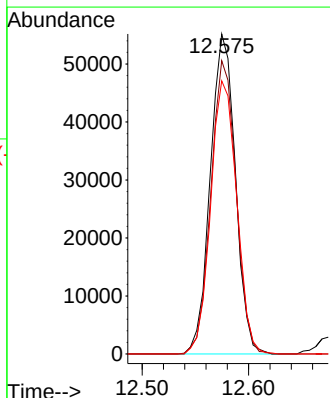
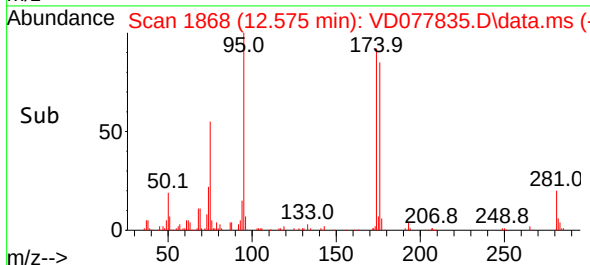
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

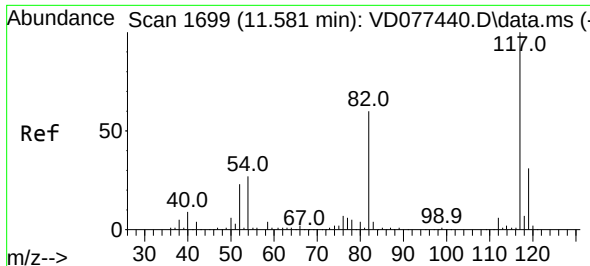


#62
4-Bromofluorobenzene
Concen: 41.748 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30



Tgt Ion: 95 Resp: 89963
Ion Ratio Lower Upper
95 100
174 92.3 0.0 201.8
176 88.8 0.0 191.8





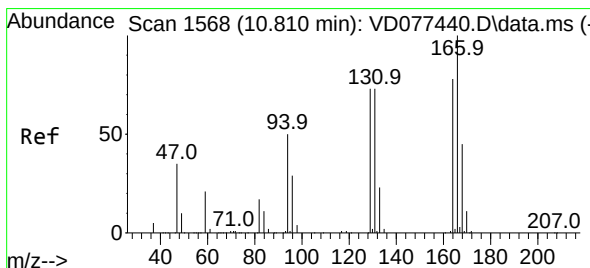
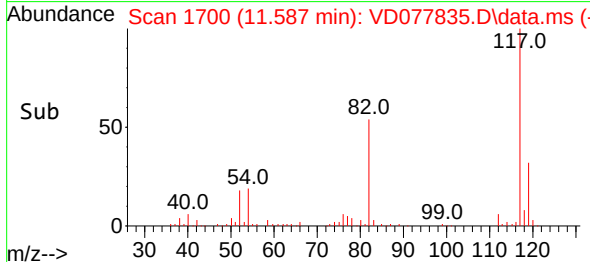
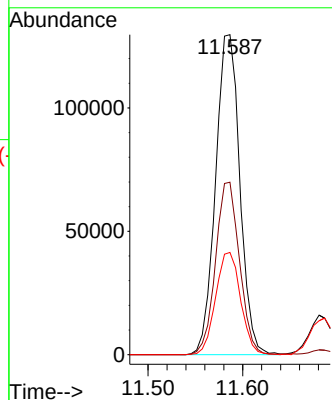
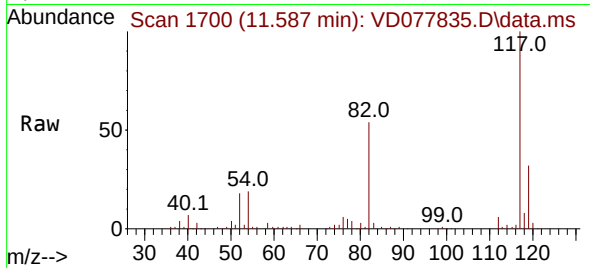
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

Tgt Ion:117 Resp: 231390
Ion Ratio Lower Upper
117 100
82 53.9 38.3 57.5
119 31.9 25.0 37.4

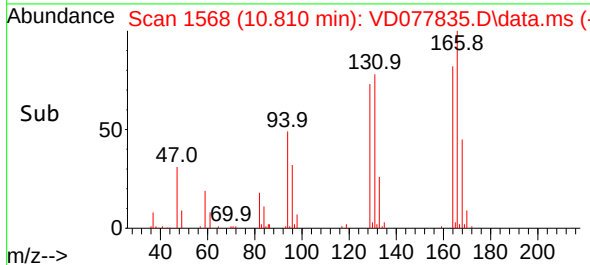
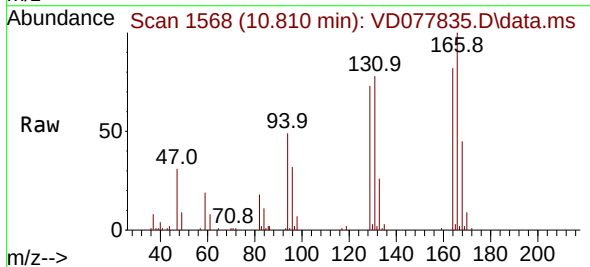
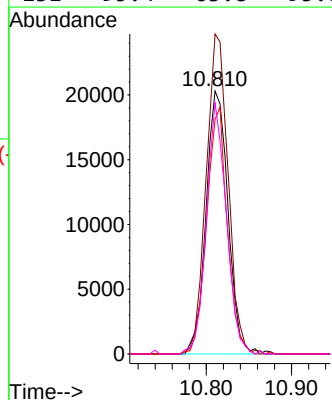
Manual Integrations
APPROVED

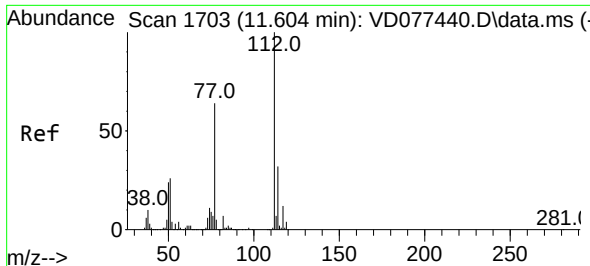
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#64
Tetrachloroethene
Concen: 21.431 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

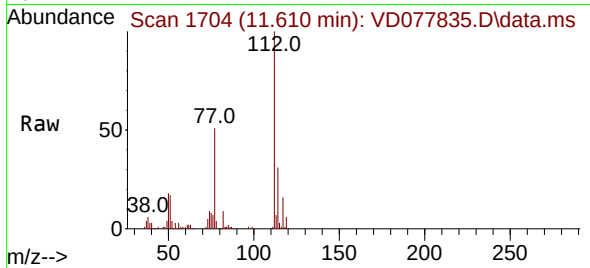
Tgt Ion:164 Resp: 36447
Ion Ratio Lower Upper
164 100
166 121.8 99.2 148.8
129 89.3 68.4 102.6
131 95.4 63.8 95.8





#65
Chlorobenzene
Concen: 19.240 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

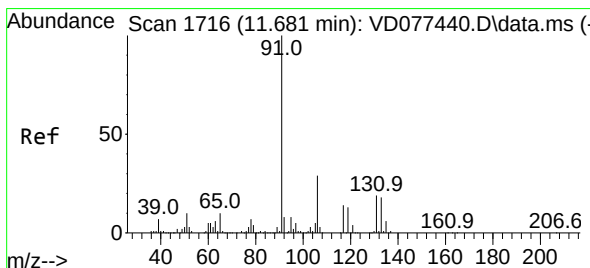
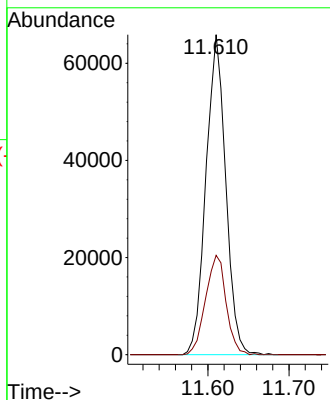
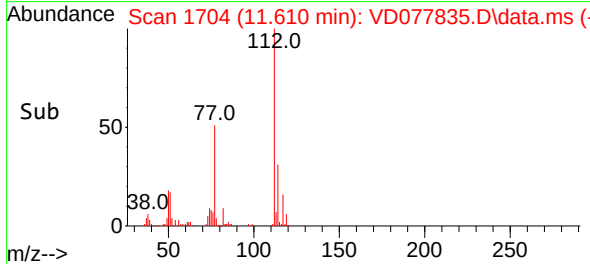
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



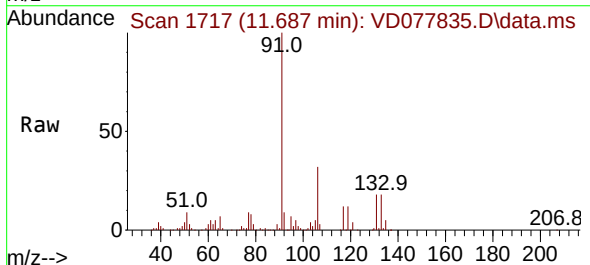
Tgt Ion:112 Resp: 111179
Ion Ratio Lower Upper
112 100
114 31.1 25.1 37.7

Manual Integrations
APPROVED

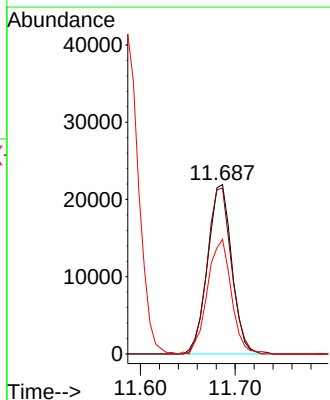
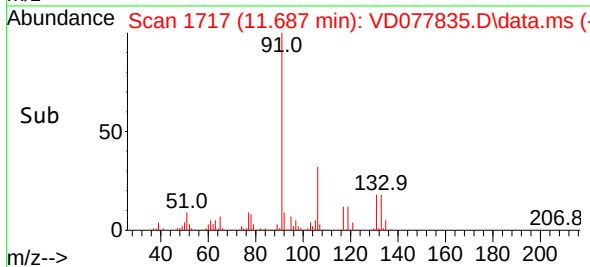
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

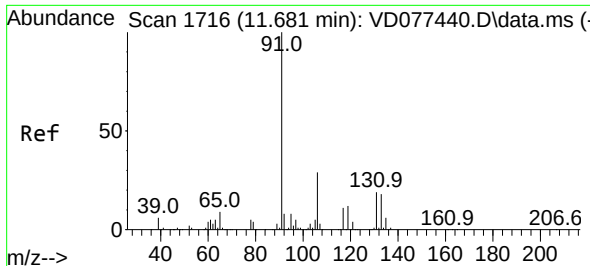


#66
1,1,1,2-Tetrachloroethane
Concen: 20.157 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30



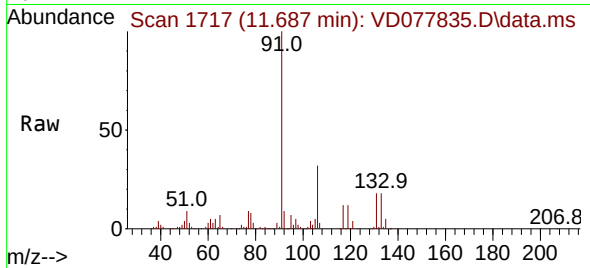
Tgt Ion:131 Resp: 38785
Ion Ratio Lower Upper
131 100
133 98.8 48.5 145.5
119 66.8 35.6 106.9





#67
Ethyl Benzene
Concen: 20.345 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

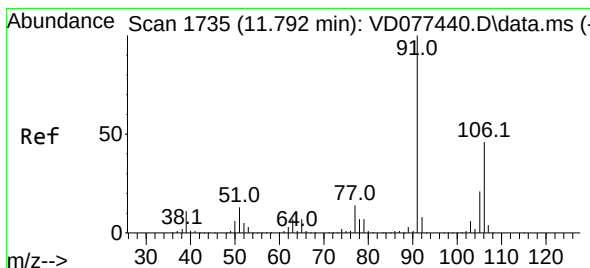
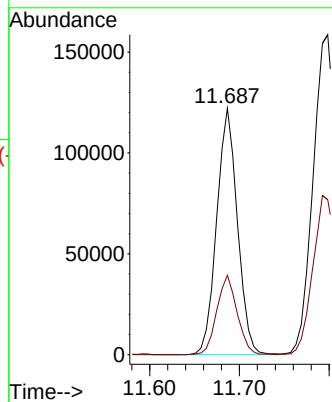
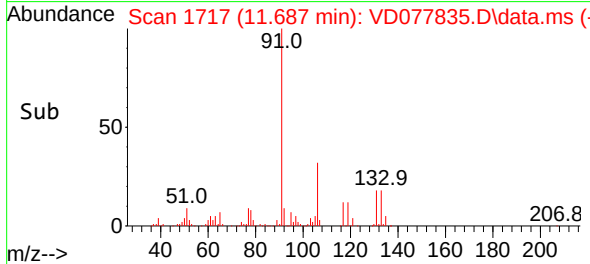
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 91 Resp: 195988
Ion Ratio Lower Upper
91 100
106 32.3 26.5 39.7

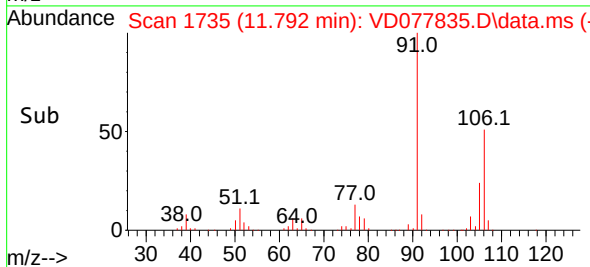
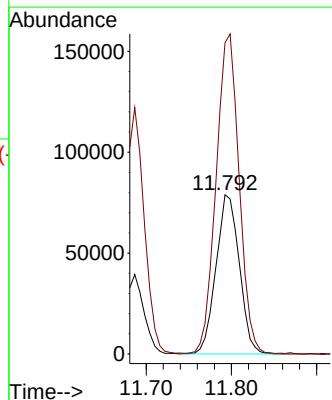
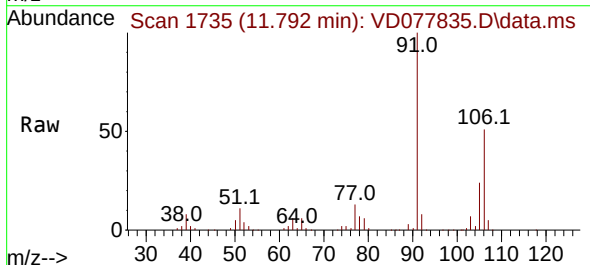
Manual Integrations
APPROVED

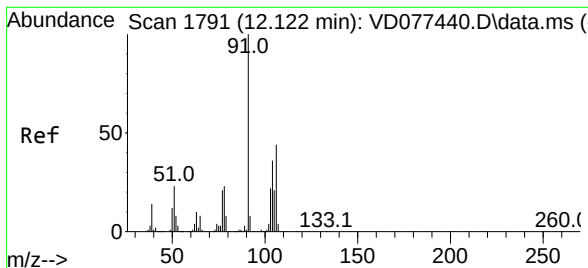
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#68
m/p-Xylenes
Concen: 40.683 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:106 Resp: 149910
Ion Ratio Lower Upper
106 100
91 198.5 147.0 220.6





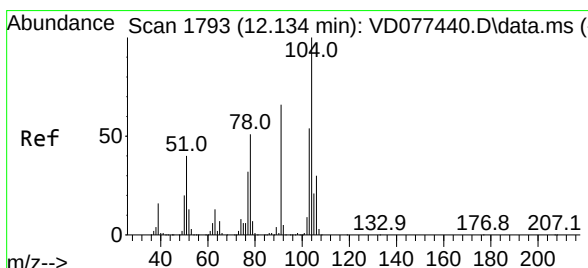
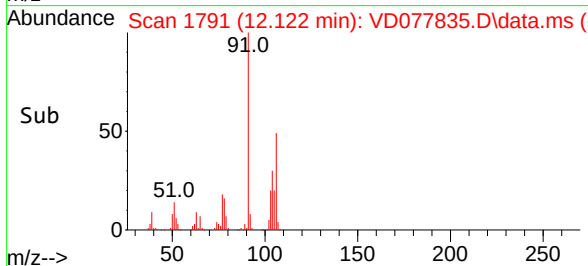
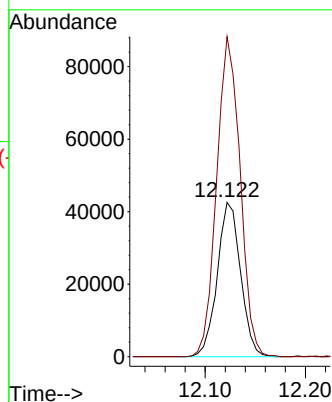
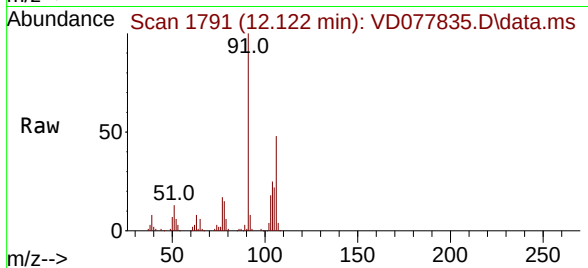
#69
o-Xylene
Concen: 20.231 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

Tgt Ion:106 Resp: 68700
Ion Ratio Lower Upper
106 100
91 209.2 97.9 293.6

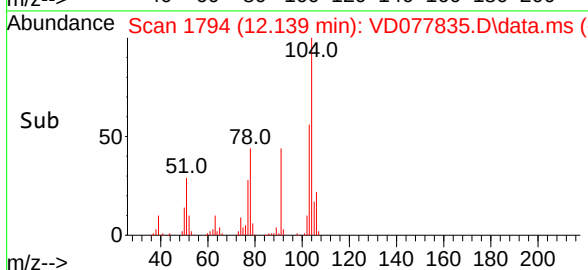
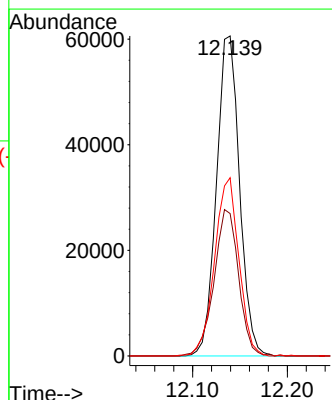
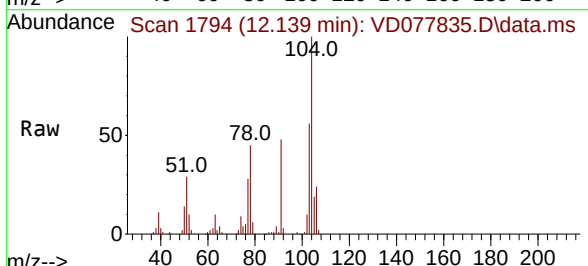
Manual Integrations
APPROVED

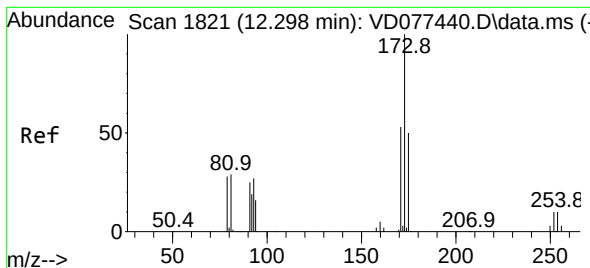
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#70
Styrene
Concen: 20.336 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:104 Resp: 102689
Ion Ratio Lower Upper
104 100
78 48.9 33.2 49.8
103 58.6 43.6 65.4





#71

Bromoform

Concen: 20.412 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

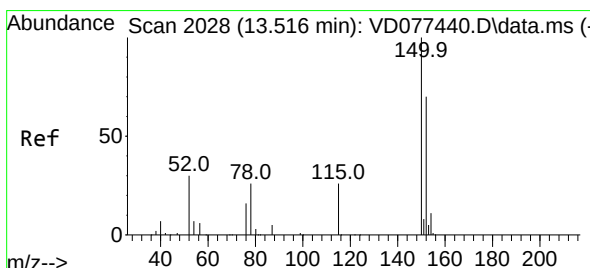
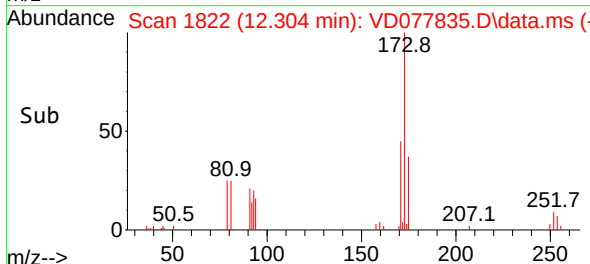
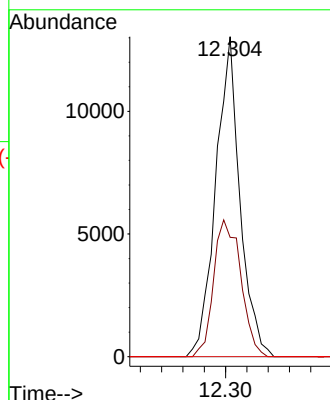
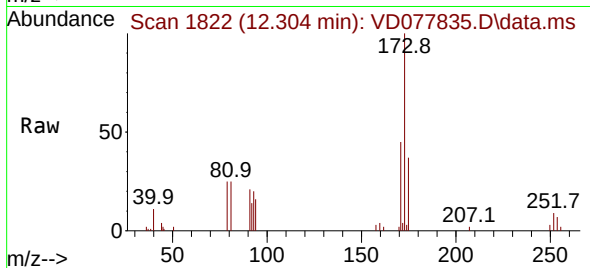
VD1212SBS03

Tgt Ion:	173	Resp:	2052
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.6	73.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

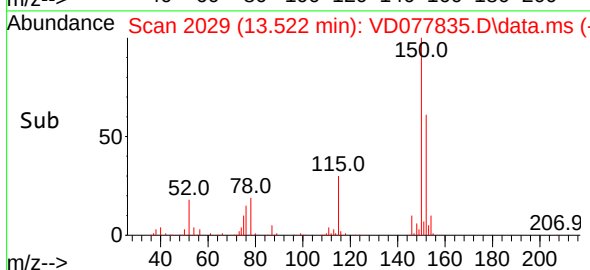
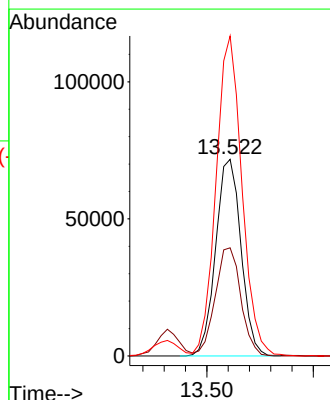
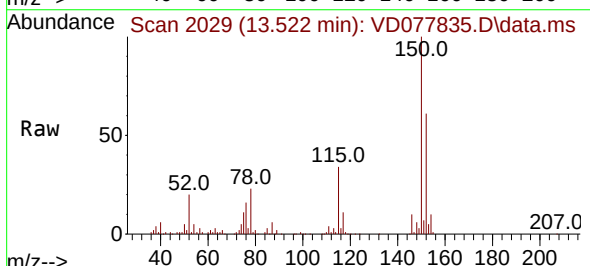
RT: 13.522 min Scan# 2029

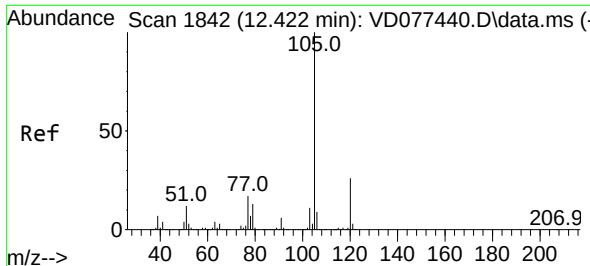
Delta R.T. 0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

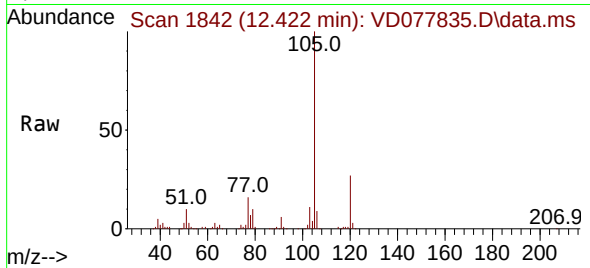
Tgt Ion:	152	Resp:	118411
Ion Ratio	Lower	Upper	
152	100		
115	55.7	27.1	81.3
150	166.2	0.0	353.6





#73
Isopropylbenzene
Concen: 20.726 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

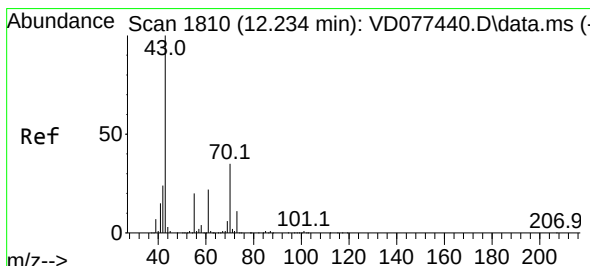
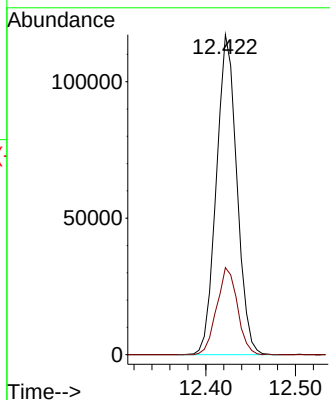
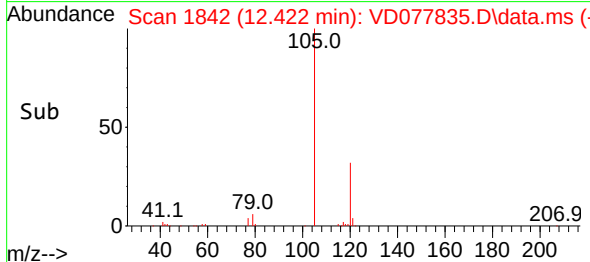
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion:105 Resp: 18600
Ion Ratio Lower Upper
105 100
120 27.4 14.3 42.9

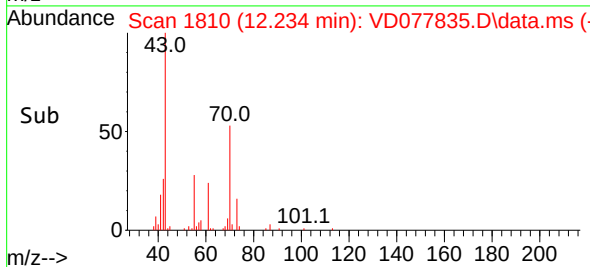
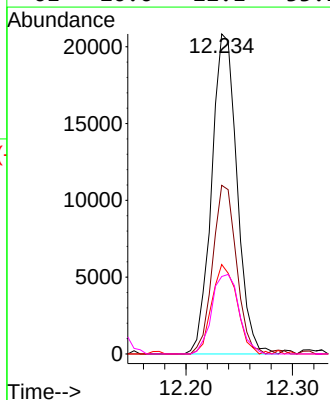
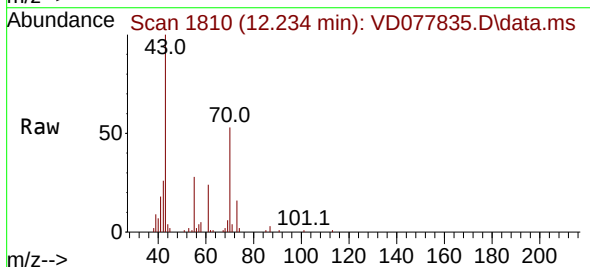
Manual Integrations
APPROVED

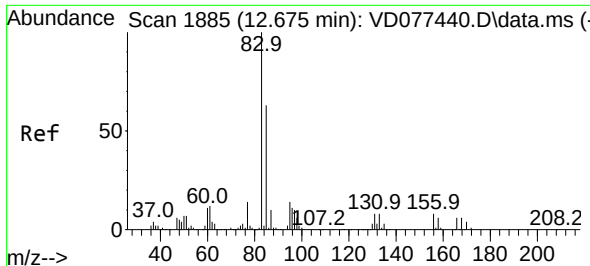
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#74
N-ethyl acetate
Concen: 19.516 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

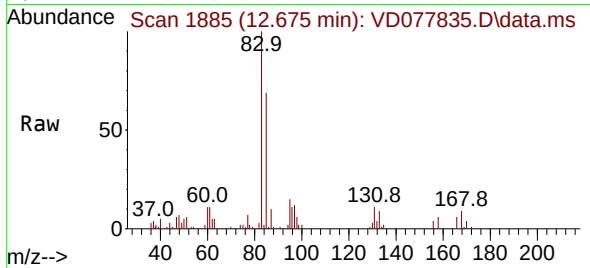
Tgt Ion: 43 Resp: 34428
Ion Ratio Lower Upper
43 100
70 49.3 45.0 67.4
55 27.6 23.8 35.6
61 26.6 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 21.551 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

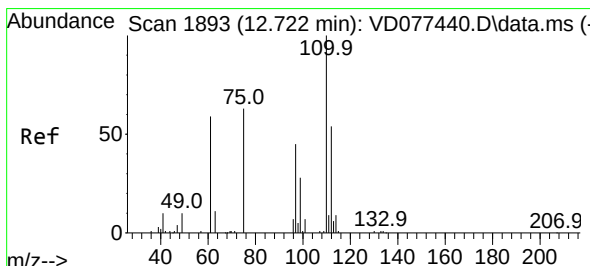
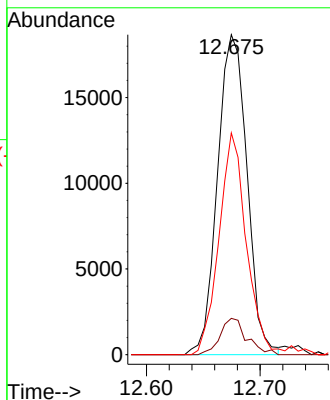
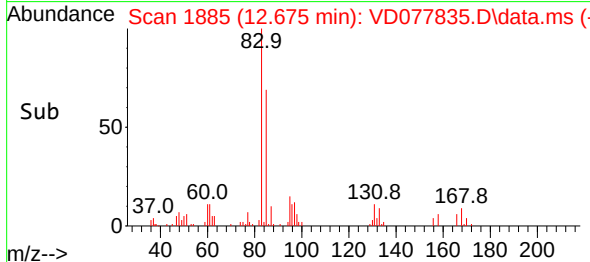
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion: 83 Resp: 3372
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.2 32.6 97.8

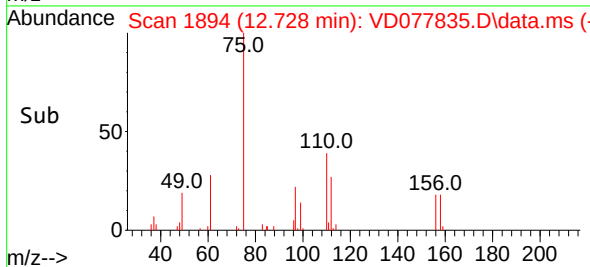
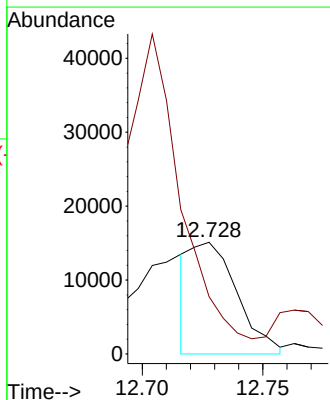
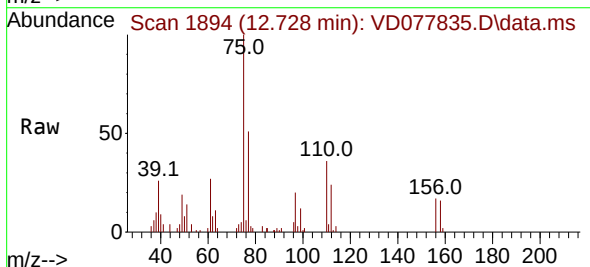
Manual Integrations
APPROVED

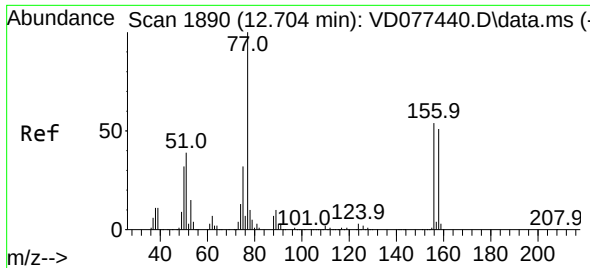
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#76
1,2,3-Trichloropropane
Concen: 19.732 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

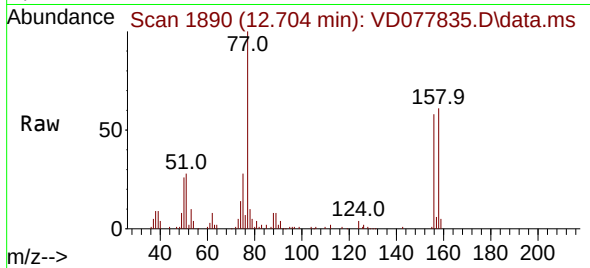
Tgt Ion: 75 Resp: 20292
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.316 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

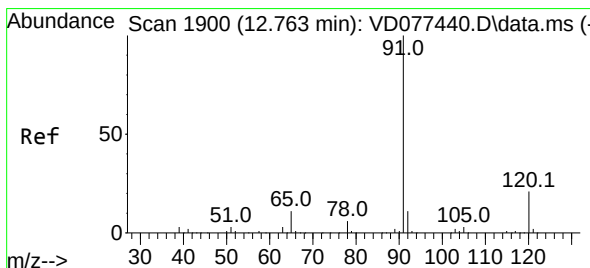
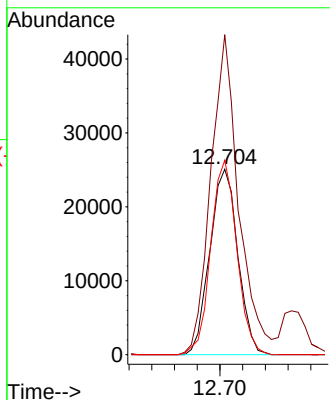
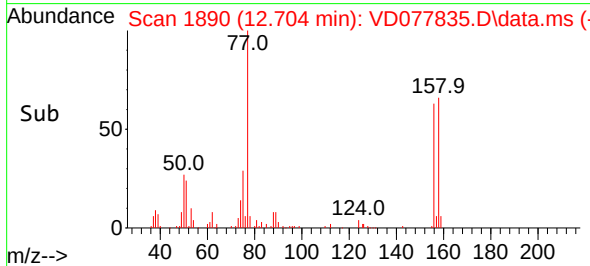
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



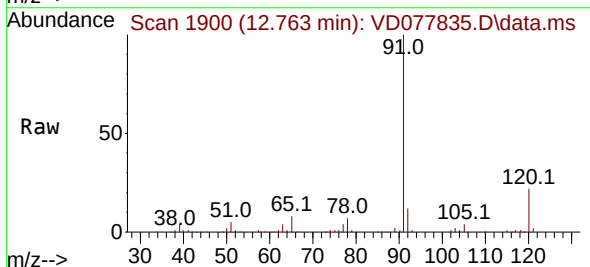
Tgt Ion:156 Resp: 4288
Ion Ratio Lower Upper
156 100
77 172.3 76.8 230.4
158 97.8 48.6 145.9

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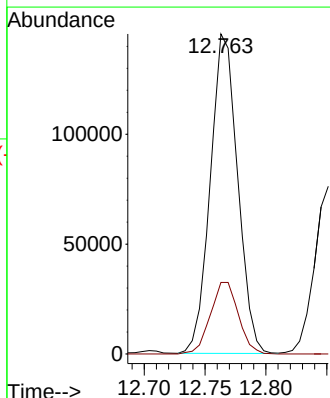
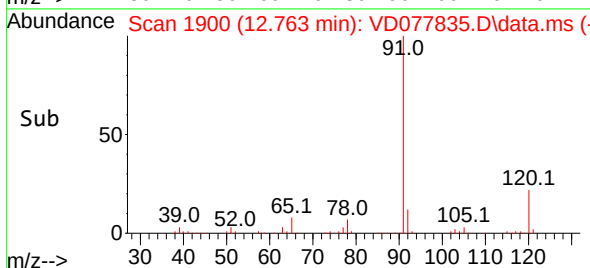
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

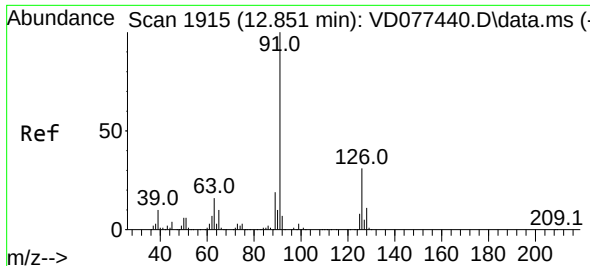


#78
n-propylbenzene
Concen: 20.814 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30



Tgt Ion: 91 Resp: 227612
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2





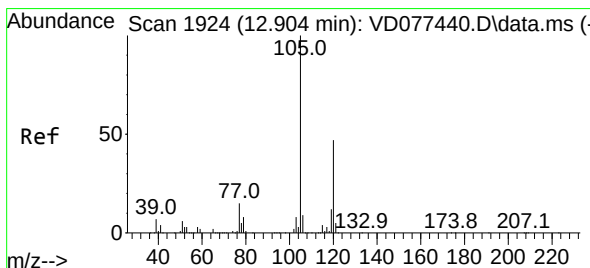
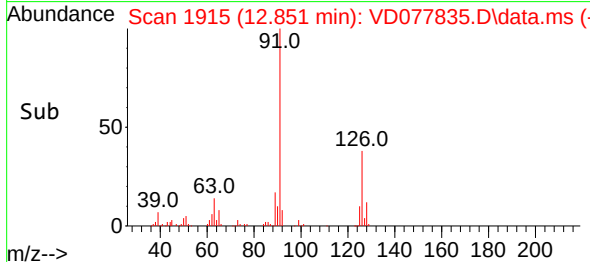
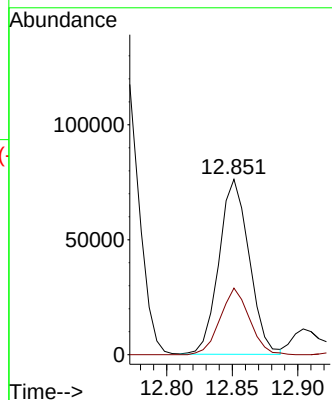
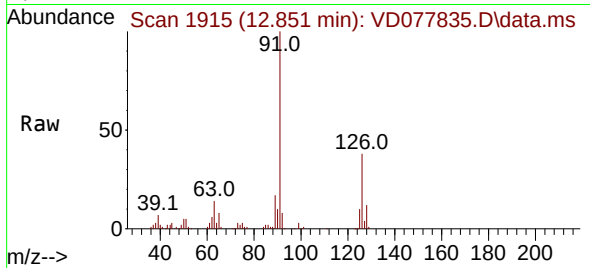
#79
2-Chlorotoluene
Concen: 20.859 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

Tgt Ion: 91 Resp: 12224
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.1

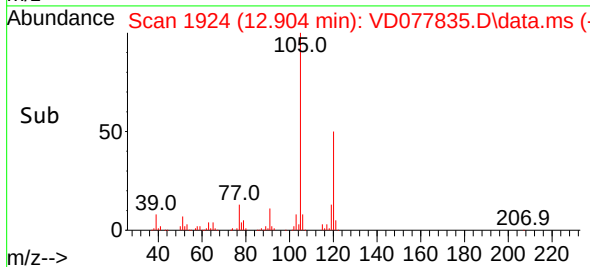
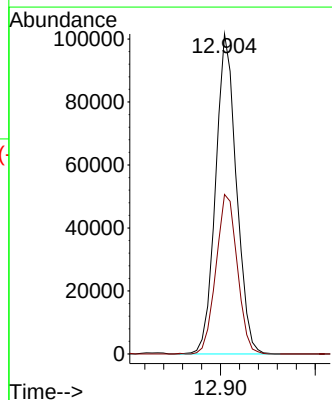
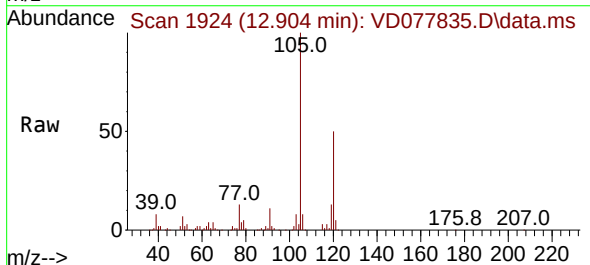
Manual Integrations
APPROVED

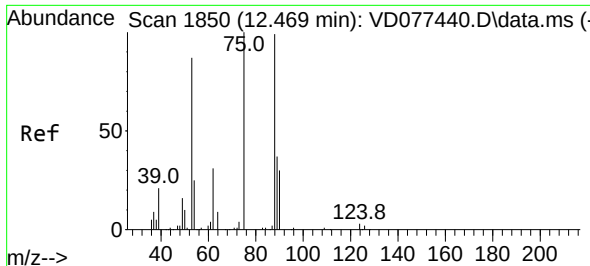
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.650 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:105 Resp: 154569
Ion Ratio Lower Upper
105 100
120 51.1 26.4 79.2





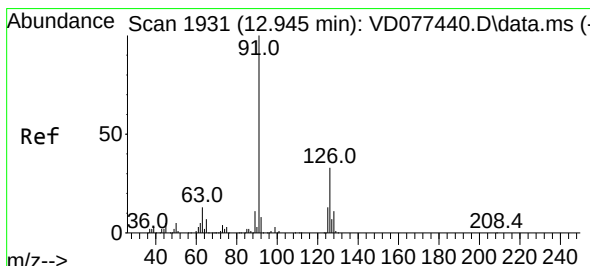
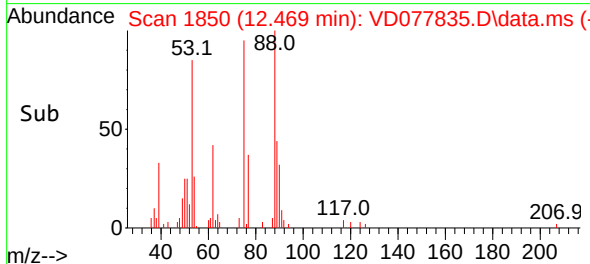
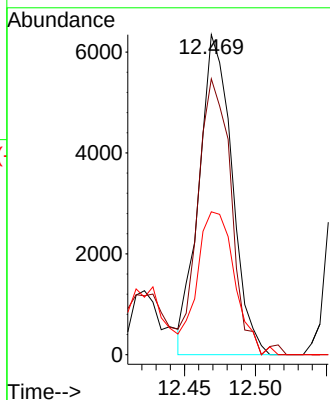
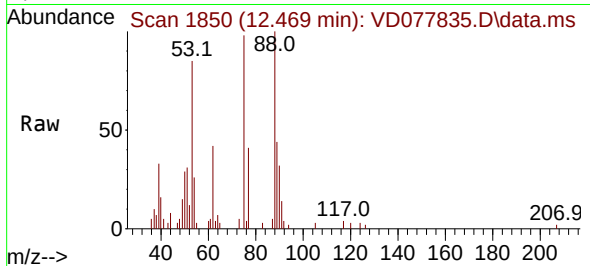
#81
trans-1,4-Dichloro-2-butene
Concen: 20.180 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

Tgt Ion: 75 Resp: 1024
Ion Ratio Lower Upper
75 100
53 86.6 63.0 94.4
89 50.8 37.9 56.9

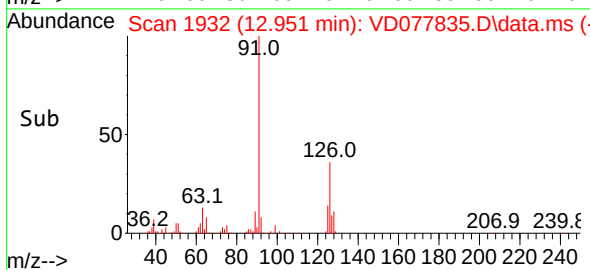
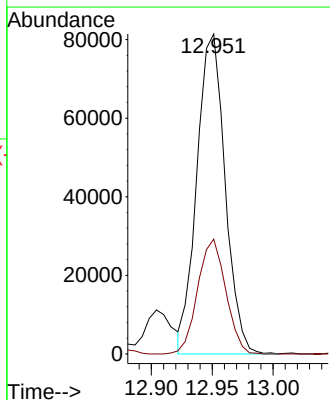
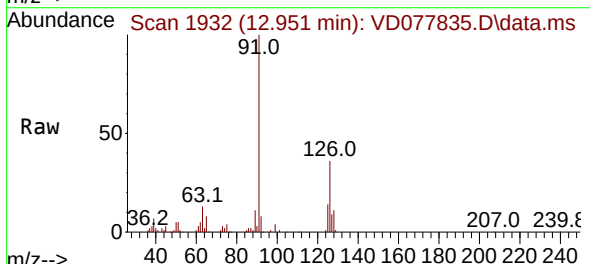
Manual Integrations
APPROVED

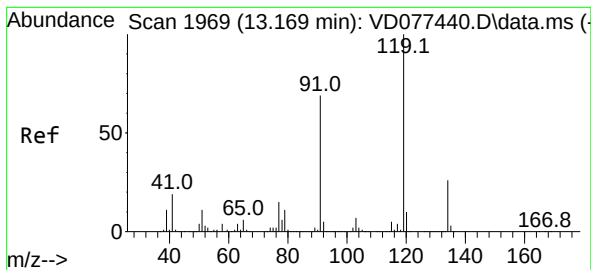
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#82
4-Chlorotoluene
Concen: 21.518 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

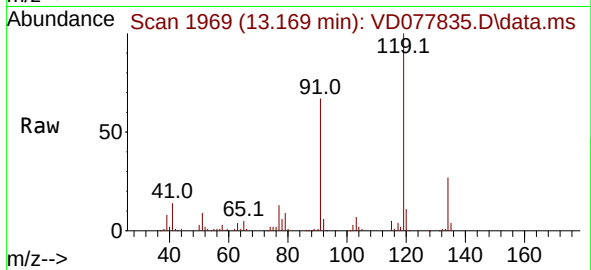
Tgt Ion: 91 Resp: 131835
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.4





#83
tert-Butylbenzene
Concen: 21.251 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

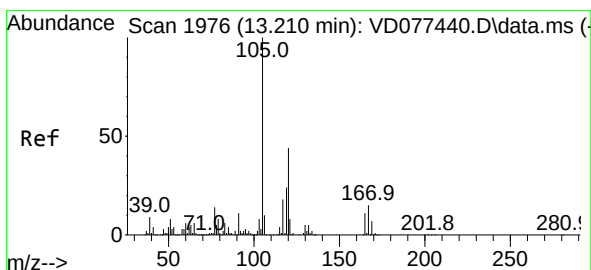
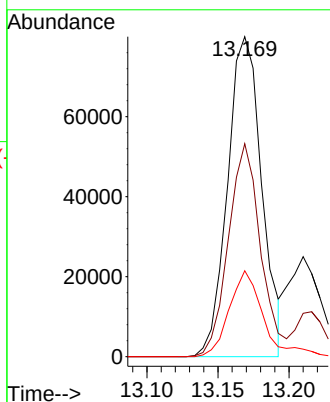
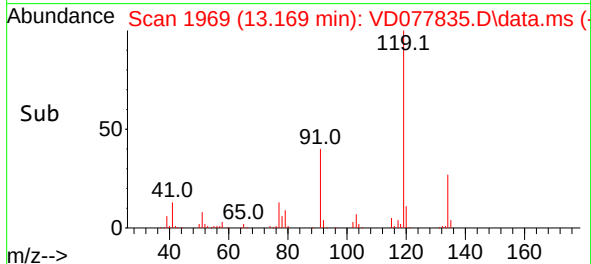
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



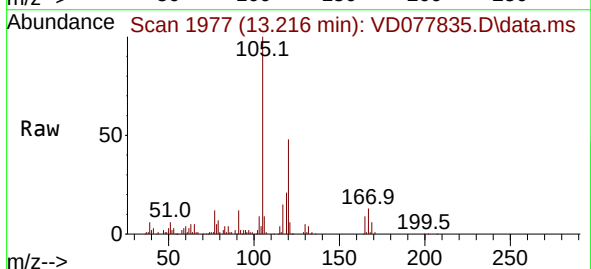
Tgt Ion:119 Resp: 134289
Ion Ratio Lower Upper
119 100
91 62.8 29.3 87.8
134 26.7 14.1 42.3

Manual Integrations
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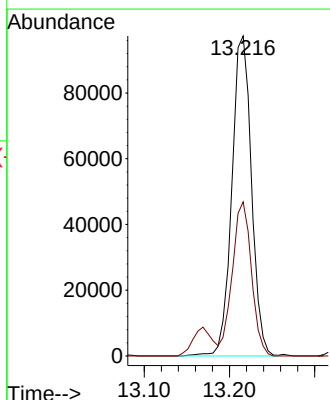
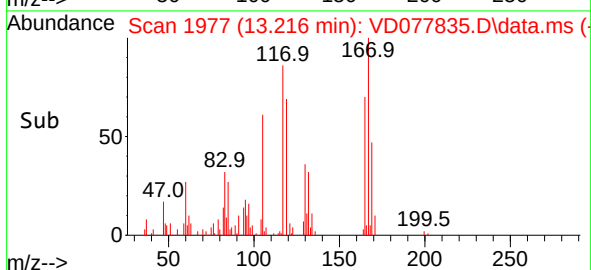
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

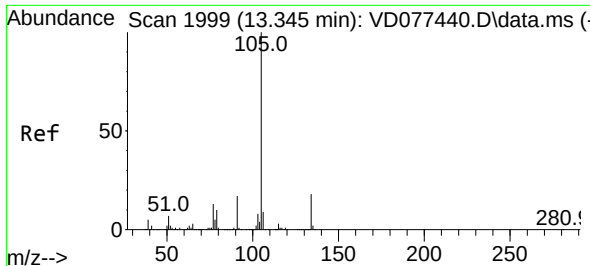


#84
1,2,4-Trimethylbenzene
Concen: 20.763 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30



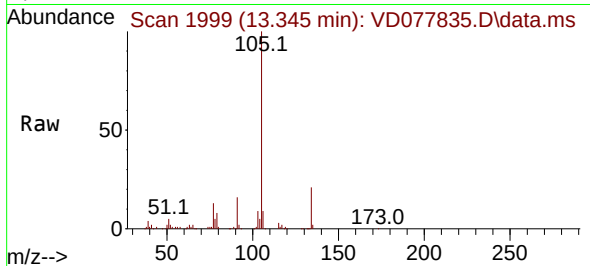
Tgt Ion:105 Resp: 155445
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 21.097 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077835.D
 Acq: 12 Dec 2023 11:30

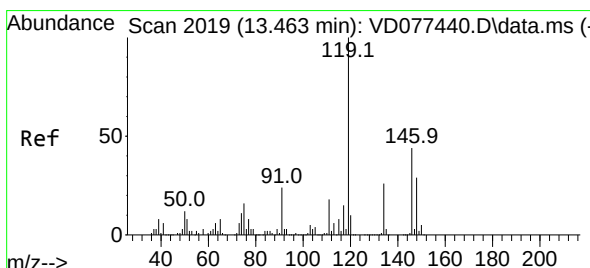
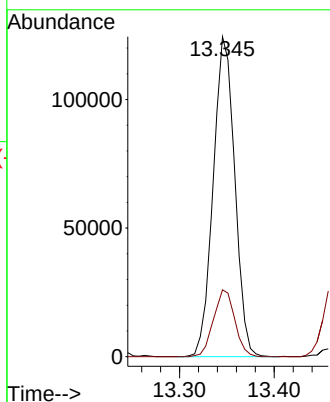
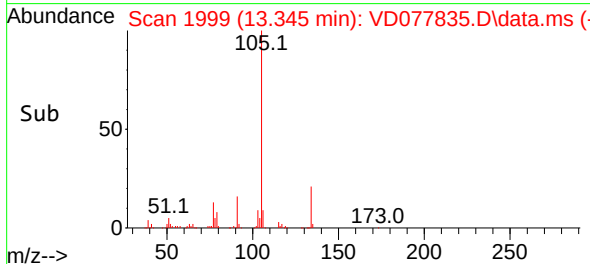
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1212SBS03



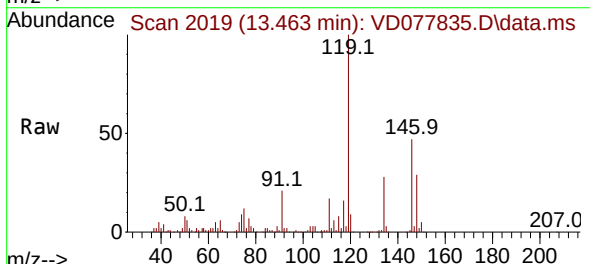
Tgt Ion:105 Resp: 197050
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9

Manual Integrations
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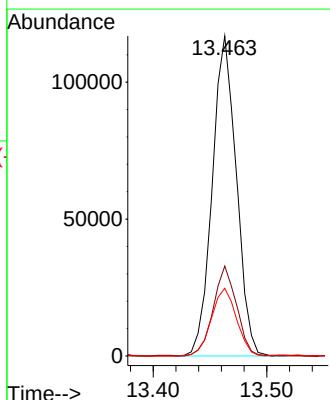
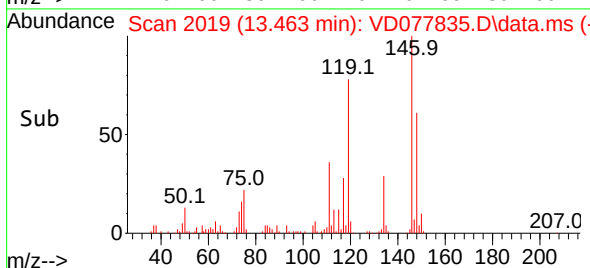
Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023

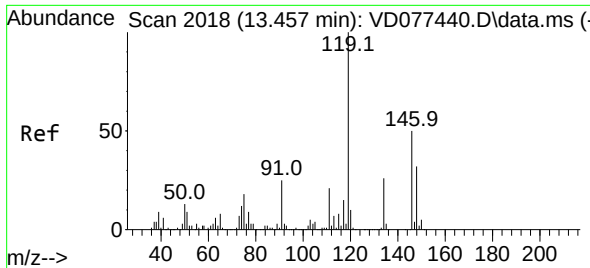


#86
 p-Isopropyltoluene
 Concen: 20.606 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077835.D
 Acq: 12 Dec 2023 11:30



Tgt Ion:119 Resp: 172325
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 22.0 10.5 31.5





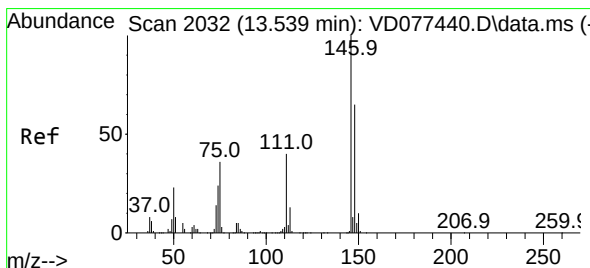
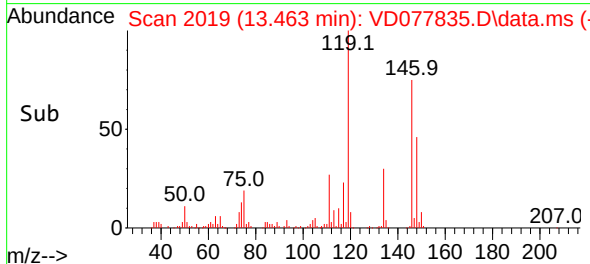
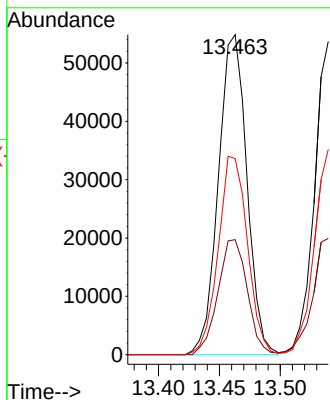
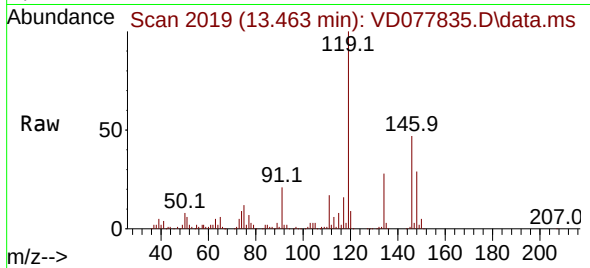
#87
1,3-Dichlorobenzene
Concen: 20.702 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03

Tgt Ion:146 Resp: 8936
Ion Ratio Lower Upper
146 100
111 37.1 17.9 53.8
148 63.7 32.3 96.8

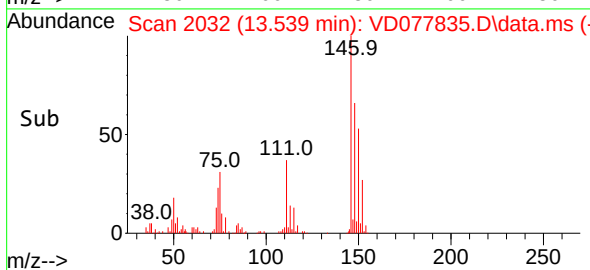
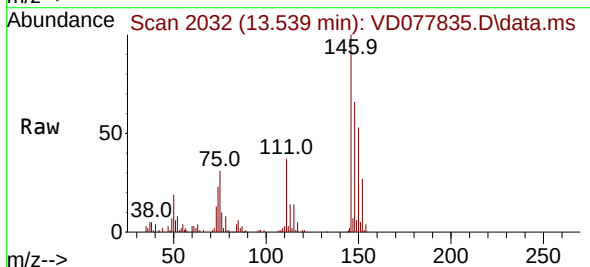
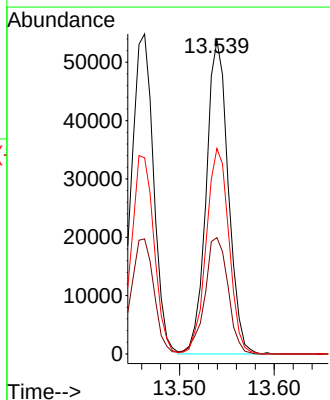
Manual Integrations
APPROVED

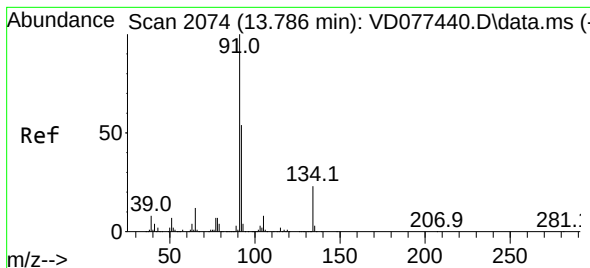
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#88
1,4-Dichlorobenzene
Concen: 19.168 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:146 Resp: 86855
Ion Ratio Lower Upper
146 100
111 39.2 17.4 52.3
148 67.6 31.7 95.1





#89

n-Butylbenzene

Concen: 21.374 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

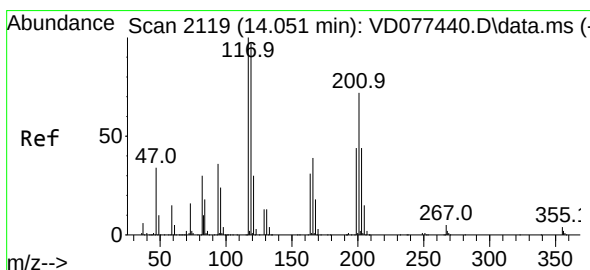
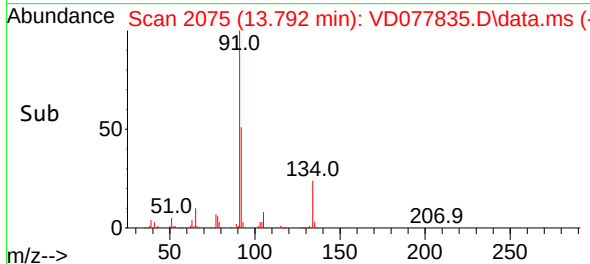
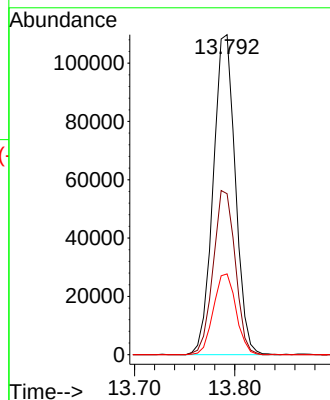
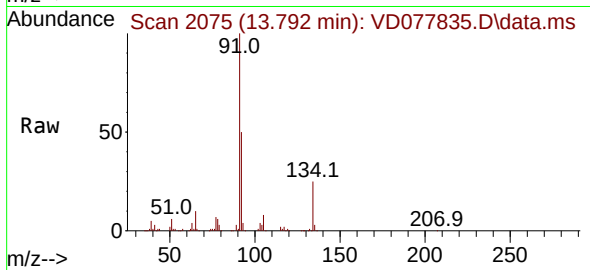
VD1212SBS03

Tgt Ion: 91 Resp: 16819
 Ion Ratio Lower Upper
 91 100
 92 51.2 26.5 79.5
 134 25.9 13.8 41.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/13/2023
 Supervised By :Semsettin Yesilyurt 12/13/2023



#90

Hexachloroethane

Concen: 21.394 ug/l

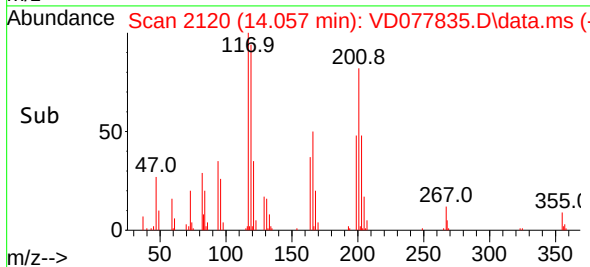
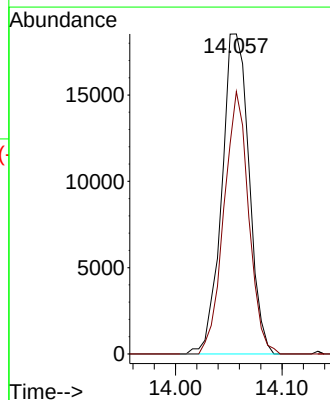
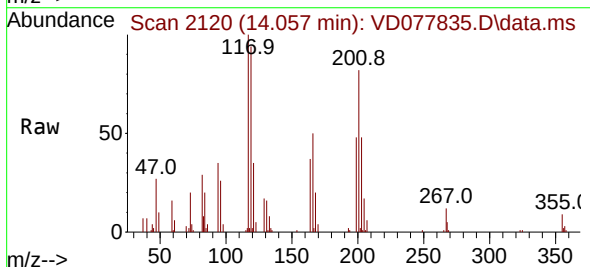
RT: 14.057 min Scan# 2120

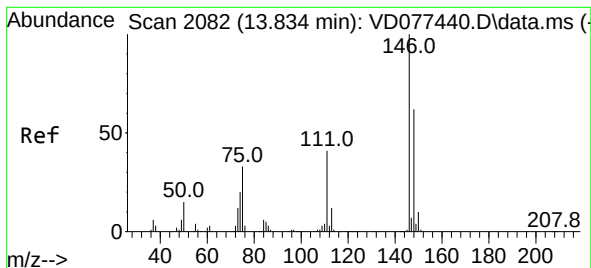
Delta R.T. 0.006 min

Lab File: VD077835.D

Acq: 12 Dec 2023 11:30

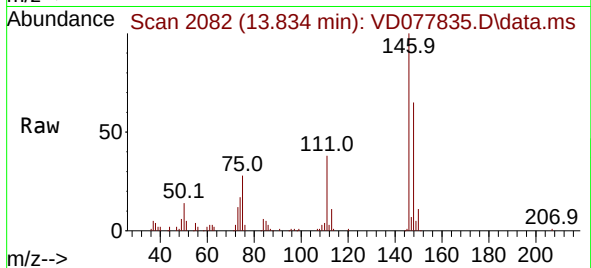
Tgt Ion:117 Resp: 32904
 Ion Ratio Lower Upper
 117 100
 201 74.6 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 20.626 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

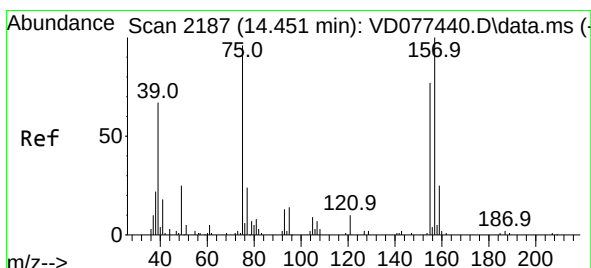
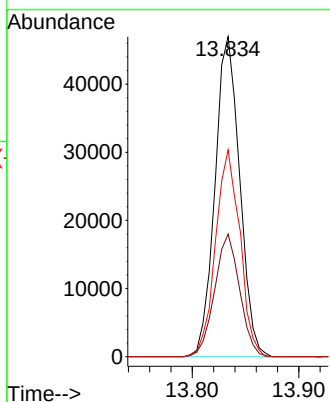
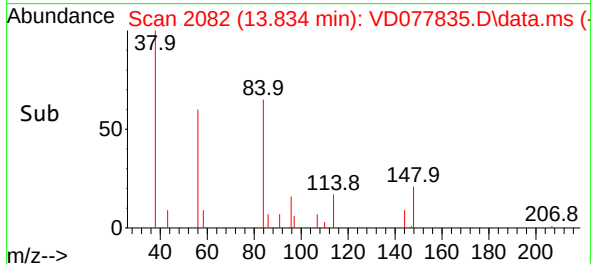
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



Tgt Ion:146 Resp: 75724
Ion Ratio Lower Upper
146 100
111 38.7 18.3 54.8
148 63.6 31.6 94.7

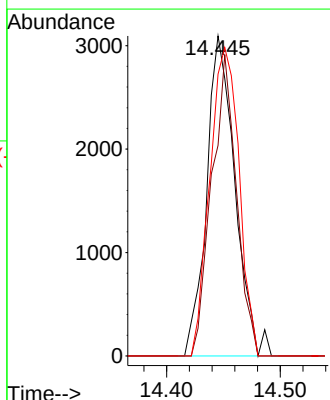
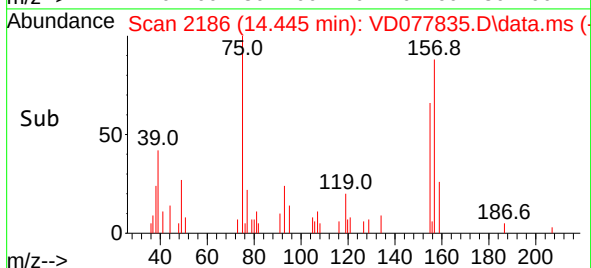
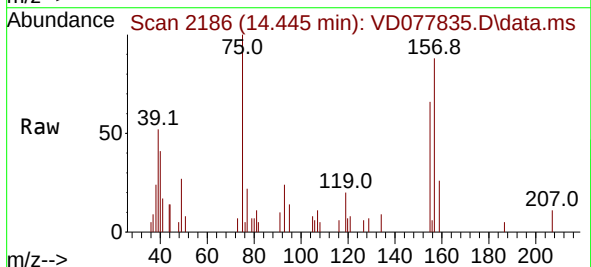
Manual Integrations
APPROVED

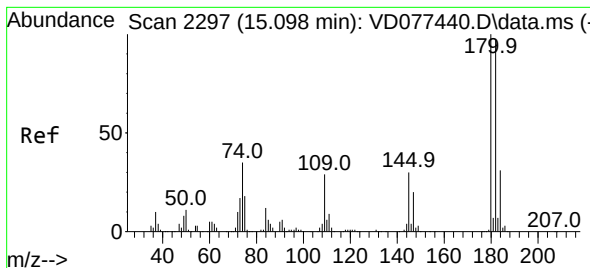
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.141 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

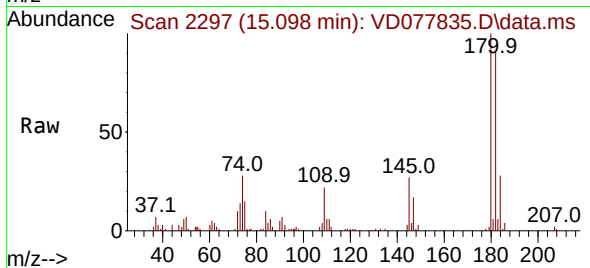
Tgt Ion: 75 Resp: 5365
Ion Ratio Lower Upper
75 100
155 82.5 47.9 143.8
157 99.6 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 19.754 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

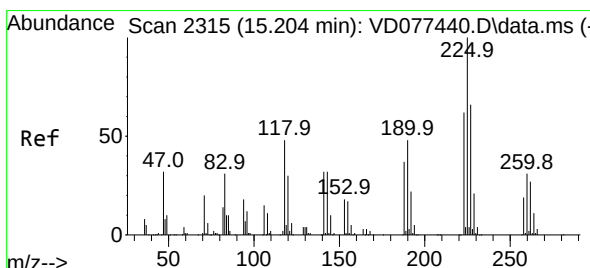
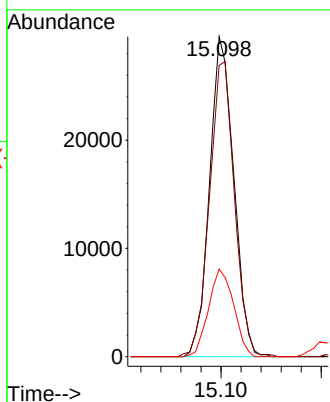
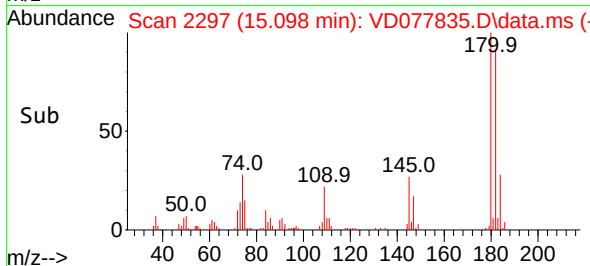
Instrument :
MSVOA_D
ClientSampleId :
VD1212SBS03



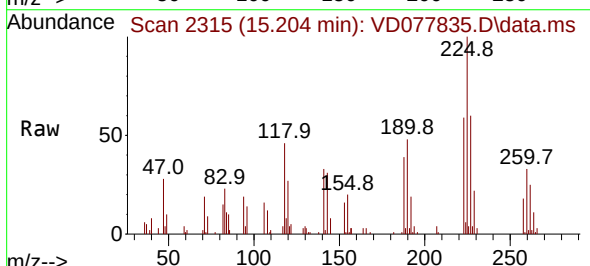
Tgt Ion:180 Resp: 4953
Ion Ratio Lower Upper
180 100
182 95.0 48.5 145.6
145 28.4 14.2 42.6

Manual Integrations
APPROVED

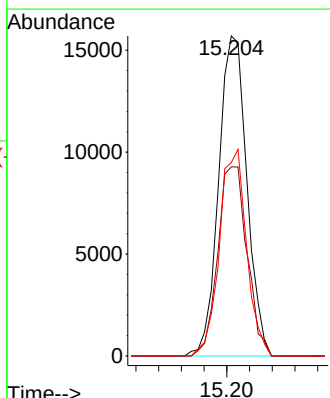
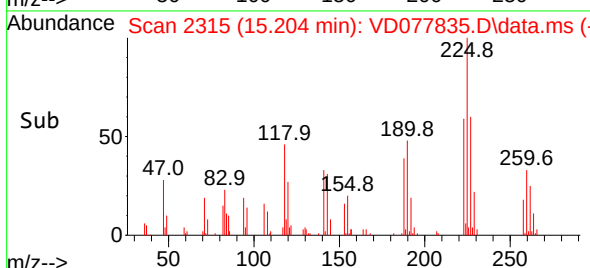
Reviewed By :Mahesh Dadoda 12/13/2023
Supervised By :Semsettin Yesilyurt 12/13/2023

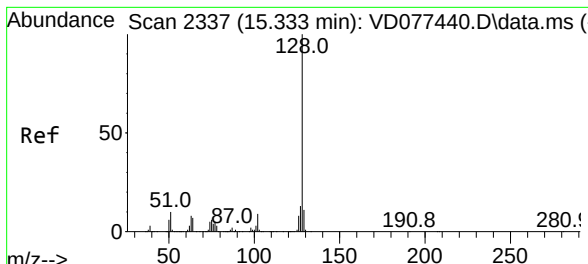


#94
Hexachlorobutadiene
Concen: 20.001 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30



Tgt Ion:225 Resp: 27047
Ion Ratio Lower Upper
225 100
223 61.5 31.6 94.8
227 62.0 31.7 95.1





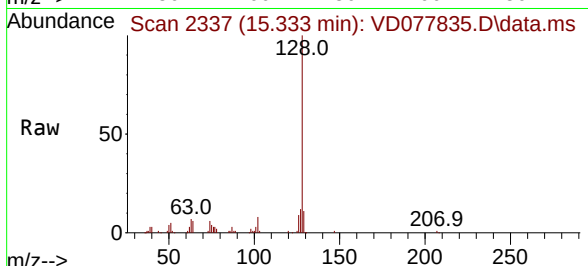
#95
Naphthalene
Concen: 21.042 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Instrument :

MSVOA_D

ClientSampleId :

VD1212SBS03

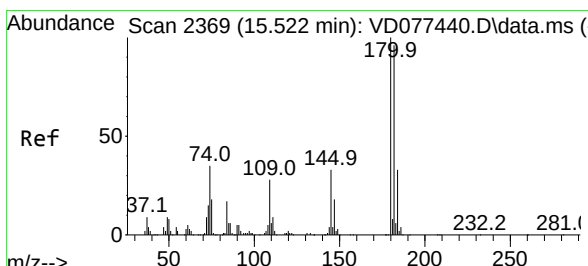
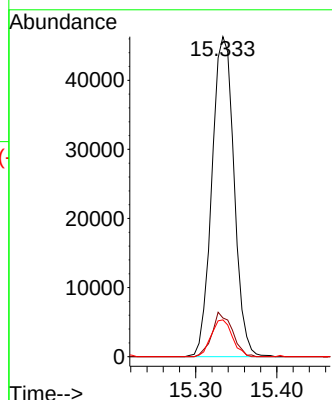
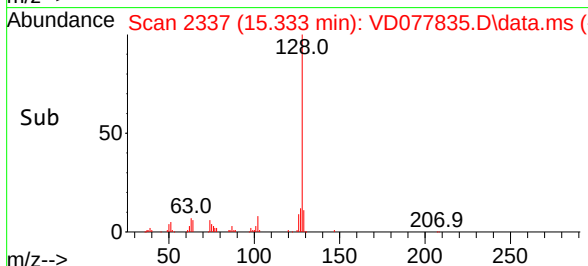


Tgt Ion:	128	Resp:	8767
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.5	15.7
129	11.5	8.7	13.1

Manual Integrations

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#96
1,2,3-Trichlorobenzene
Concen: 19.880 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077835.D
Acq: 12 Dec 2023 11:30

Tgt Ion:	180	Resp:	41101
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.3	141.9
145	30.9	15.1	45.3

